

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062123\  
 Data File : VY014354.D  
 Acq On : 21 Jun 2023 23:30  
 Operator : KP/MD  
 Sample : VY0621SBS02  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0621SBS02

Quant Time: Jun 22 02:00:23 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060923S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 09 18:07:13 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.795  | 168  | 194412   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.697  | 114  | 298365   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 286148   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 165813   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 138198   | 51.048   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 102.100% |      |
| 35) Dibromofluoromethane    | 7.728  | 113   | 112220   | 53.036   | ug/l       | 0.01 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 106.080% |      |
| 50) Toluene-d8              | 10.185 | 98    | 376920   | 47.647   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 95.300%  |      |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 154750   | 55.069   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 110.140% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 43093  | 19.889  | ug/l   | 96  |
| 3) Chloromethane             | 2.113 | 50  | 40915  | 14.893  | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.253 | 62  | 43507  | 16.288  | ug/l   | 96  |
| 5) Bromomethane              | 2.637 | 94  | 36944  | 16.764  | ug/l   | 97  |
| 6) Chloroethane              | 2.790 | 64  | 30030  | 16.545  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.125 | 101 | 88567  | 20.410  | ug/l   | 93  |
| 8) Diethyl Ether             | 3.534 | 74  | 29486  | 20.350  | ug/l   | 97  |
| 9) 1,1,2-Trichlorotrifluo... | 3.899 | 101 | 44272  | 20.216  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.101 | 142 | 42658  | 14.751  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 4.954 | 59  | 76844  | 244.758 | ug/l # | 92  |
| 12) 1,1-Dichloroethene       | 3.875 | 96  | 41356  | 18.631  | ug/l   | 92  |
| 13) Acrolein                 | 3.741 | 56  | 17733  | 124.317 | ug/l   | 99  |
| 14) Allyl chloride           | 4.491 | 41  | 71188  | 17.692  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.174 | 53  | 97299  | 130.190 | ug/l   | 99  |
| 16) Acetone                  | 3.960 | 43  | 88658  | 108.644 | ug/l   | 95  |
| 17) Carbon Disulfide         | 4.198 | 76  | 106622 | 14.823  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.485 | 43  | 93854  | 29.631  | ug/l   | 97  |
| 19) Methyl tert-butyl Ether  | 5.234 | 73  | 140369 | 21.441  | ug/l   | 100 |
| 20) Methylene Chloride       | 4.722 | 84  | 90552  | 33.580  | ug/l   | 94  |
| 21) trans-1,2-Dichloroethene | 5.228 | 96  | 44357  | 17.916  | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.131 | 45  | 152647 | 19.814  | ug/l   | 93  |
| 23) Vinyl Acetate            | 6.070 | 43  | 431279 | 94.882  | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.027 | 63  | 85469  | 19.242  | ug/l   | 97  |
| 25) 2-Butanone               | 6.996 | 43  | 136331 | 135.719 | ug/l   | 97  |
| 26) 2,2-Dichloropropane      | 6.990 | 77  | 77369  | 18.545  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 6.996 | 96  | 53980  | 19.490  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.344 | 49  | 36963  | 20.463  | ug/l   | 91  |
| 29) Tetrahydrofuran          | 7.356 | 42  | 87853  | 137.923 | ug/l   | 96  |
| 30) Chloroform               | 7.515 | 83  | 97952  | 20.786  | ug/l   | 97  |
| 31) Cyclohexane              | 7.795 | 56  | 66432  | 18.318  | ug/l   | 94  |
| 32) 1,1,1-Trichloroethane    | 7.710 | 97  | 87711  | 20.637  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.929 | 75  | 65388  | 19.822  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.082 | 43  | 53158  | 23.355  | ug/l   | 95  |
| 38) Carbon Tetrachloride     | 7.905 | 117 | 80862  | 21.242  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.191 | 83  | 69204  | 18.908  | ug/l   | 91  |
| 40) Benzene                  | 8.167 | 78  | 196394 | 20.021  | ug/l   | 100 |

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 Sample : VY0621SBS02  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0621SBS02

Quant Time: Jun 22 02:00:23 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060923S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 09 18:07:13 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.356  | 41   | 82015    | 70.604  | ug/l # | 30       |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 75483    | 21.761  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 88999    | 22.309  | ug/l   | 97       |
| 44) Trichloroethene           | 8.947  | 130  | 53742    | 20.506  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 50582    | 20.301  | ug/l   | 98       |
| 46) Dibromomethane            | 9.313  | 93   | 32341    | 21.087  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.502  | 83   | 76947    | 21.428  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.295  | 41   | 42578    | 22.883  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 10915    | 560.094 | ug/l # | 58       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 291149   | 134.335 | ug/l   | 99       |
| 52) Toluene                   | 10.252 | 92   | 124195   | 20.424  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 79715    | 21.087  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 82127    | 19.912  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 46422    | 22.820  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 63918    | 22.780  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 76035    | 21.854  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 83755    | 87.774  | ug/l   | 96       |
| 59) 2-Hexanone                | 10.837 | 43   | 213297   | 136.259 | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.990 | 129  | 58979    | 22.653  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 45322    | 22.575  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.721 | 164  | 58459    | 23.968  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.520 | 112  | 137993   | 20.070  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 56788    | 20.999  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 238315   | 19.802  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.709 | 106  | 185497   | 40.071  | ug/l   | 99       |
| 69) o-Xylene                  | 12.032 | 106  | 89330    | 20.411  | ug/l   | 100      |
| 70) Styrene                   | 12.050 | 104  | 156978   | 21.015  | ug/l   | 99       |
| 71) Bromoform                 | 12.215 | 173  | 43963    | 23.737  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 234717   | 18.556  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.148 | 43   | 77987    | 19.456  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 59347    | 20.997  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 82482    | 37.915  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 61710    | 18.562  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.672 | 91   | 288232   | 18.656  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 167628   | 18.856  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.819 | 105  | 203595   | 18.798  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 19676    | 19.551  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 174782   | 18.553  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.081 | 119  | 174910   | 19.004  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 205615   | 19.178  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.257 | 105  | 254681   | 19.032  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 213864   | 18.674  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 122688   | 19.328  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 124238   | 19.426  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 197167   | 18.562  | ug/l   | 100      |
| 90) Hexachloroethane          | 13.965 | 117  | 44775    | 19.621  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 111384   | 19.537  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 13205    | 24.534  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 68685    | 19.018  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 41009    | 19.668  | ug/l   | 97       |
| 95) Naphthalene               | 15.239 | 128  | 158605   | 21.636  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 64781    | 19.850  | ug/l   | 99       |

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Operator : KP/MD  
Sample : VY0621SBS02  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 33 Sample Multiplier: 1

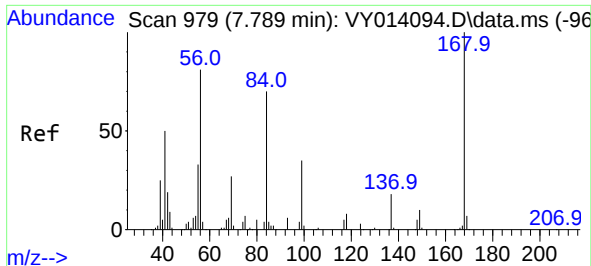
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

Quant Time: Jun 22 02:00:23 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060923S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 09 18:07:13 2023  
Response via : Initial Calibration

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

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

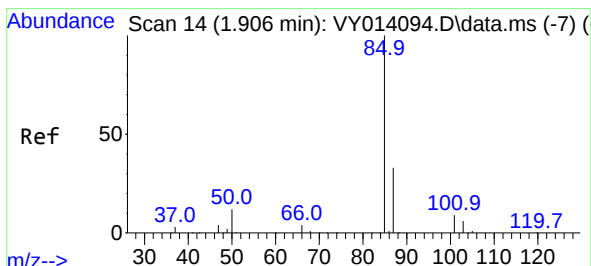
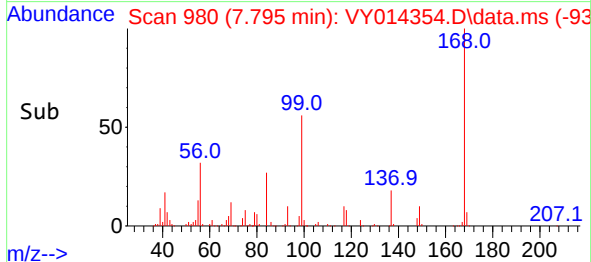
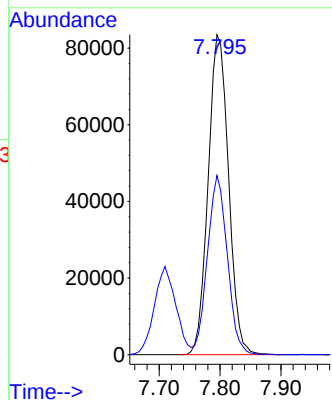
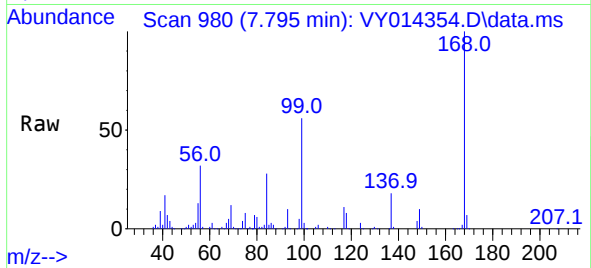




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 99  
Delta R.T. 0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

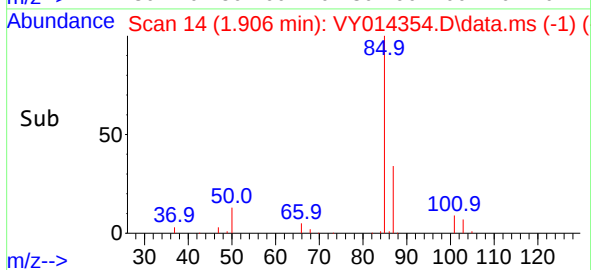
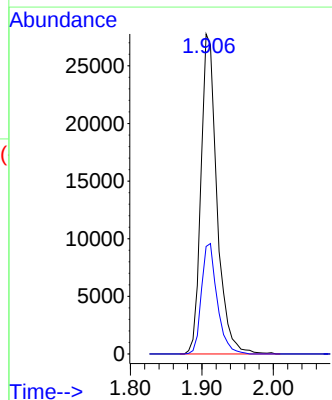
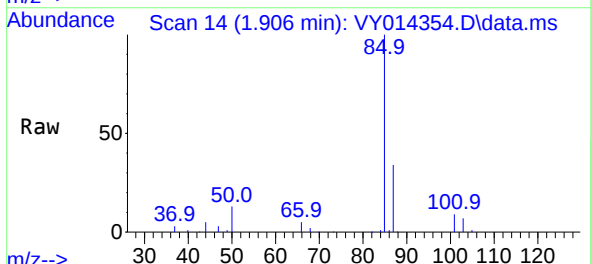
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

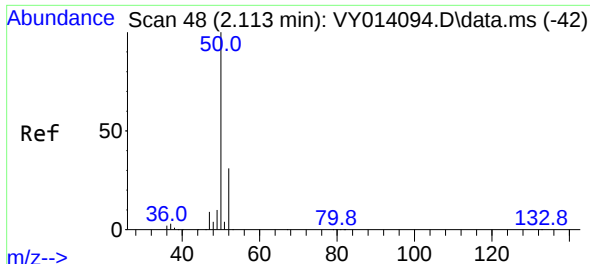
Tgt Ion:168 Resp: 194412  
Ion Ratio Lower Upper  
168 100  
99 56.0 43.4 65.0



#2  
Dichlorodifluoromethane  
Concen: 19.889 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 85 Resp: 43093  
Ion Ratio Lower Upper  
85 100  
87 33.6 15.6 46.8

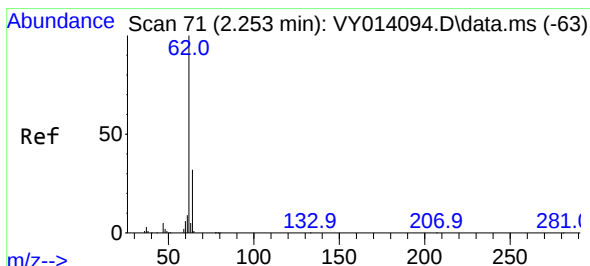
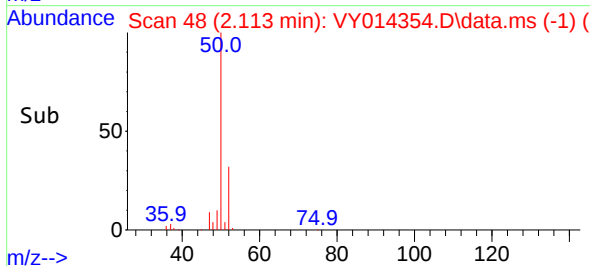
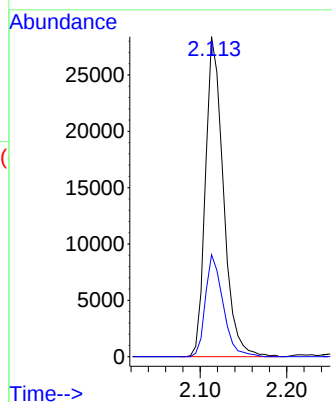
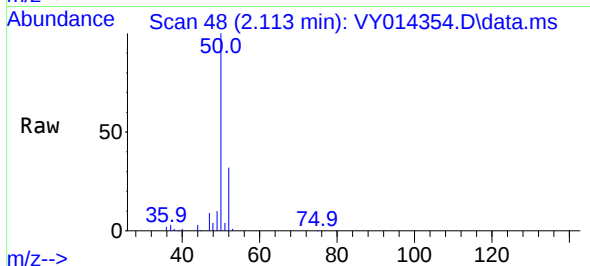




#3  
Chloromethane  
Concen: 14.893 ug/l  
RT: 2.113 min Scan# 48  
Delta R.T. 0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

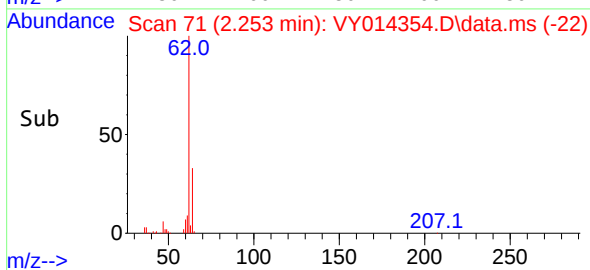
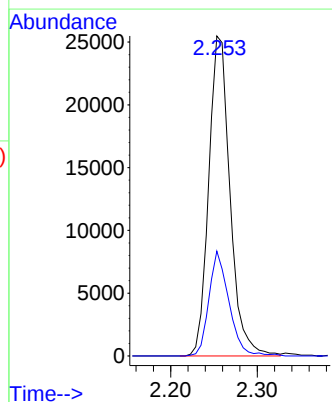
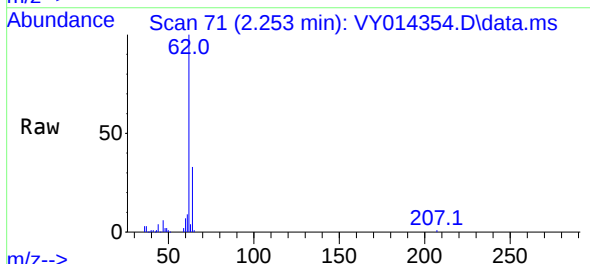
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

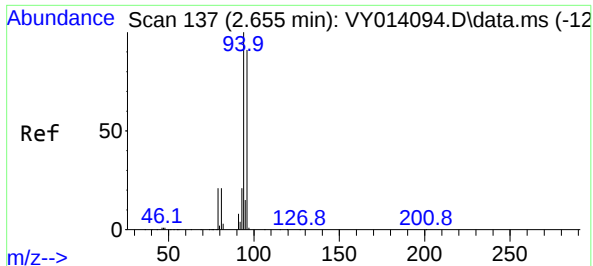
Tgt Ion: 50 Resp: 40915  
Ion Ratio Lower Upper  
50 100  
52 31.8 25.4 38.2



#4  
Vinyl Chloride  
Concen: 16.288 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 62 Resp: 43507  
Ion Ratio Lower Upper  
62 100  
64 32.7 24.3 36.5

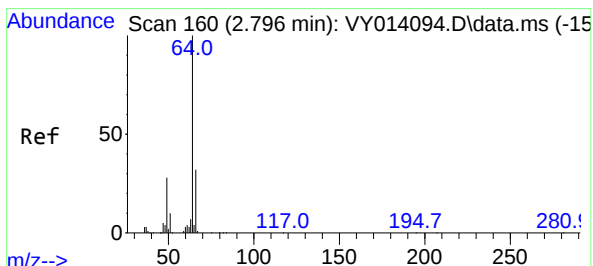
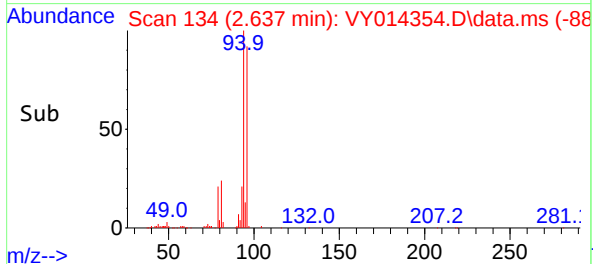
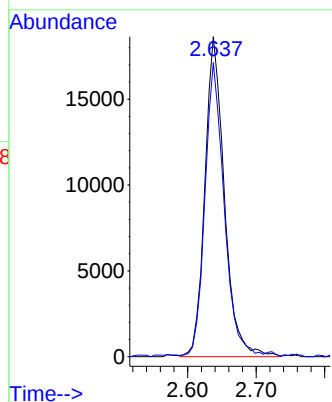
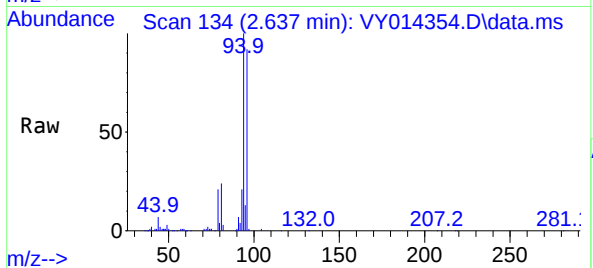




#5  
Bromomethane  
Concen: 16.764 ug/l  
RT: 2.637 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

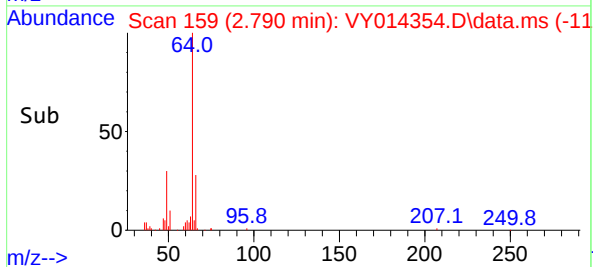
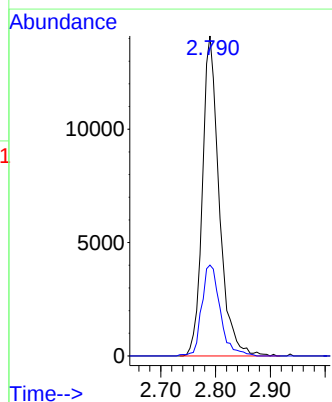
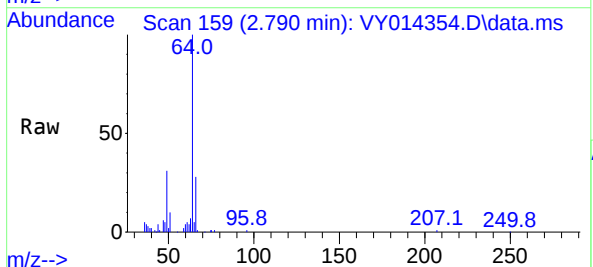
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

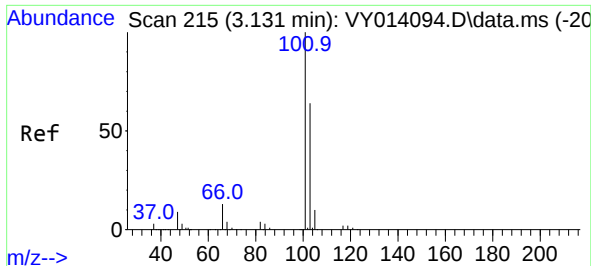
Tgt Ion: 94 Resp: 36944  
Ion Ratio Lower Upper  
94 100  
96 91.6 75.8 113.6



#6  
Chloroethane  
Concen: 16.545 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. -0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 64 Resp: 30030  
Ion Ratio Lower Upper  
64 100  
66 28.4 24.4 36.6

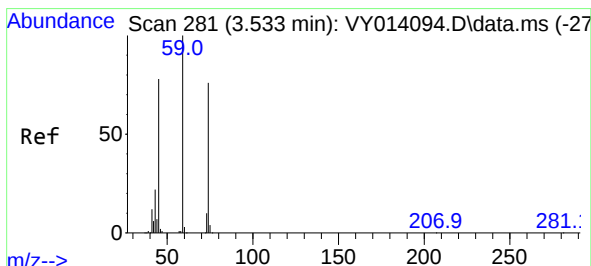
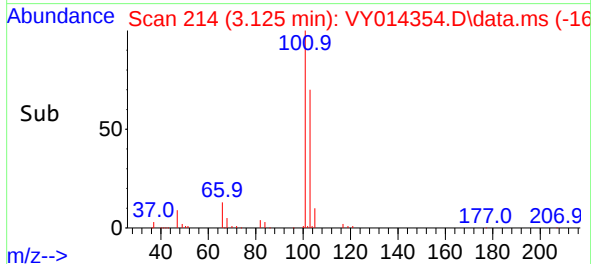
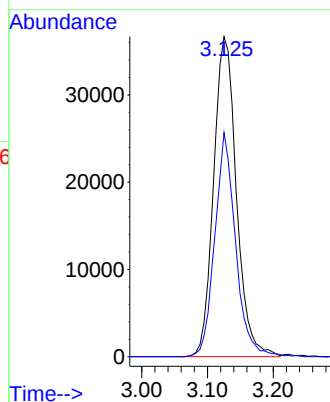
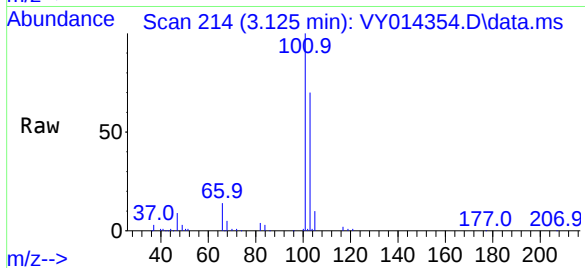




#7  
Trichlorofluoromethane  
Concen: 20.410 ug/l  
RT: 3.125 min Scan# 215  
Delta R.T. -0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

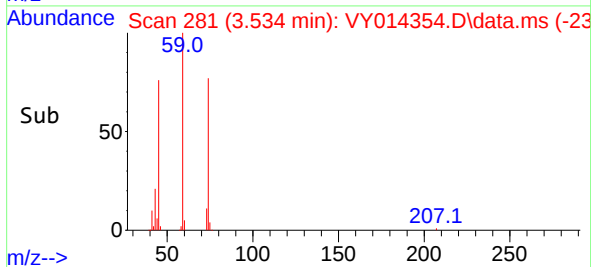
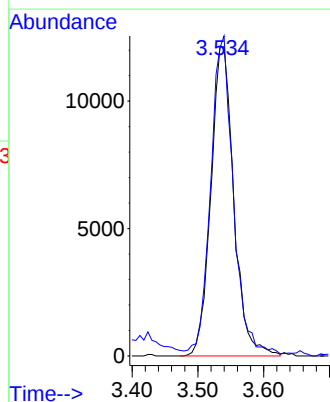
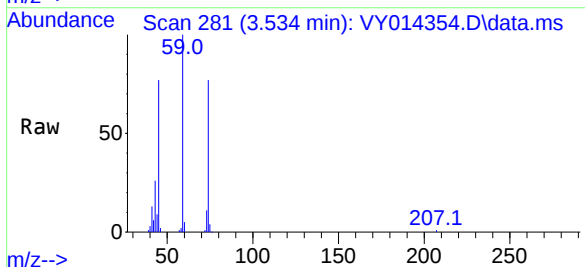
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

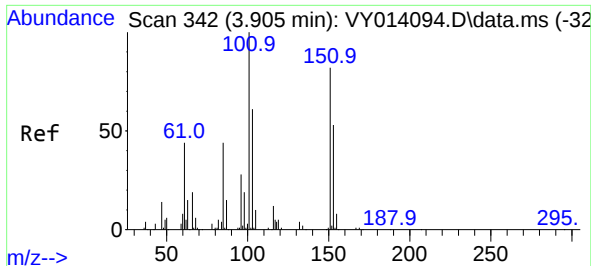
Tgt Ion:101 Resp: 88567  
Ion Ratio Lower Upper  
101 100  
103 70.0 51.4 77.0



#8  
Diethyl Ether  
Concen: 20.350 ug/l  
RT: 3.534 min Scan# 281  
Delta R.T. 0.001 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 74 Resp: 29486  
Ion Ratio Lower Upper  
74 100  
45 100.2 51.5 154.5

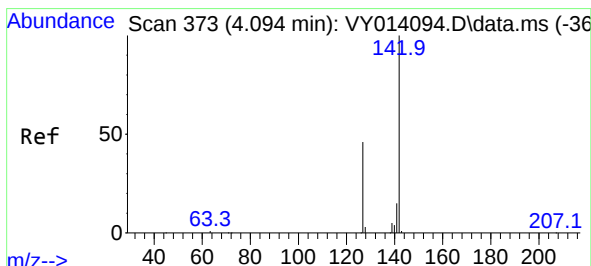
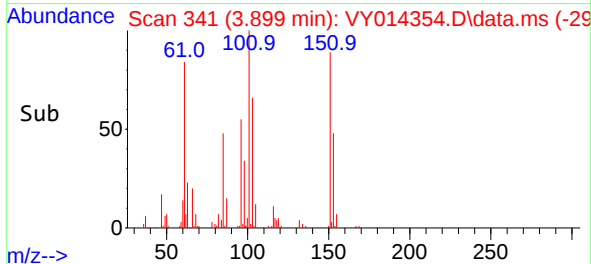
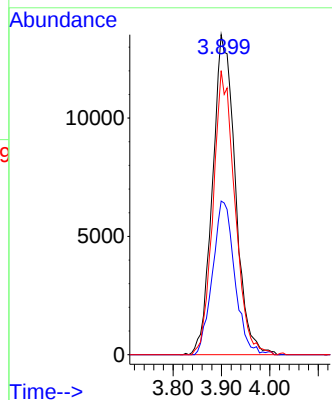
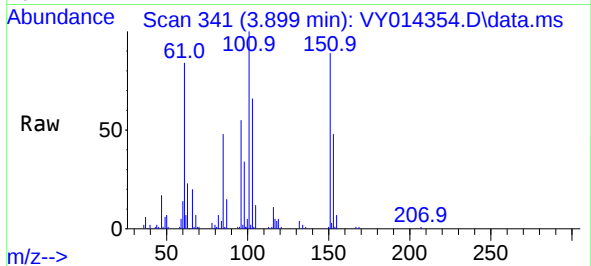




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.216 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. -0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

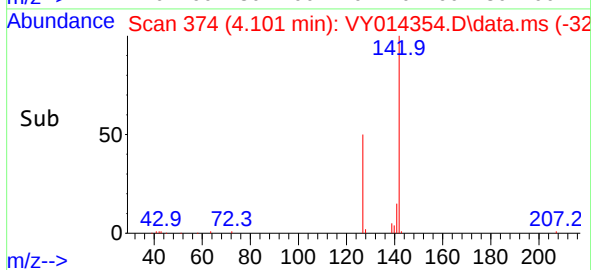
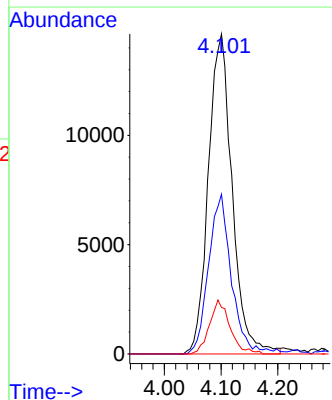
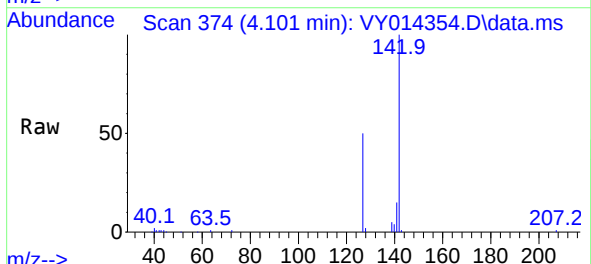
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

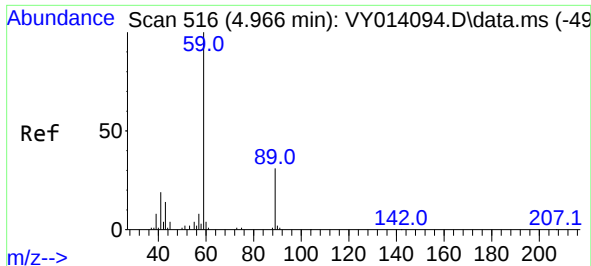
Tgt Ion:101 Resp: 44272  
Ion Ratio Lower Upper  
101 100  
85 46.7 36.6 55.0  
151 84.9 67.0 100.6



#10  
Methyl Iodide  
Concen: 14.751 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. 0.007 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion:142 Resp: 42658  
Ion Ratio Lower Upper  
142 100  
127 47.7 37.6 56.4  
141 14.5 11.8 17.8

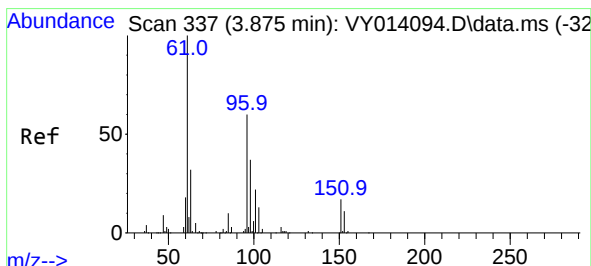
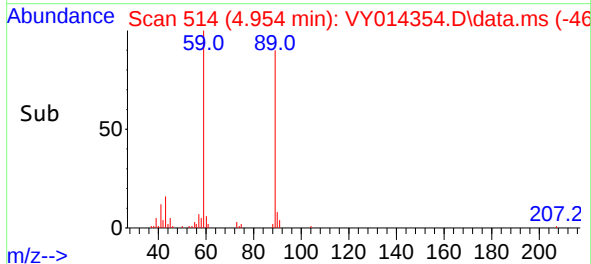
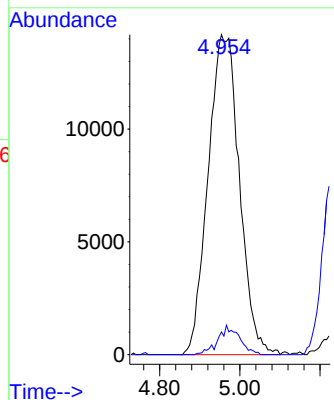
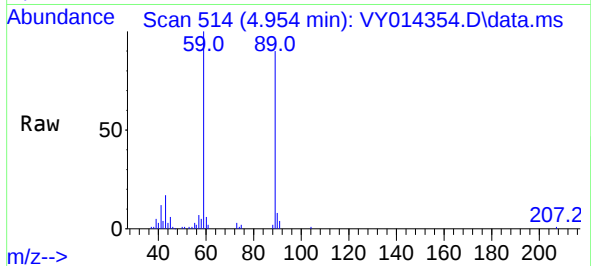




#11  
Tert butyl alcohol  
Concen: 244.758 ug/l  
RT: 4.954 min Scan# 516  
Delta R.T. -0.012 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

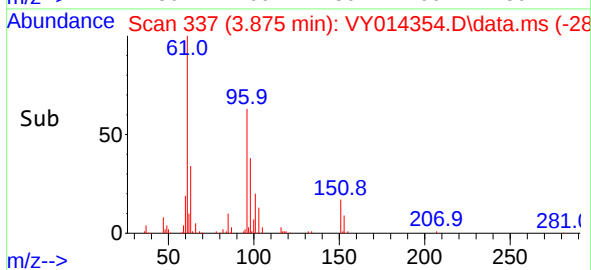
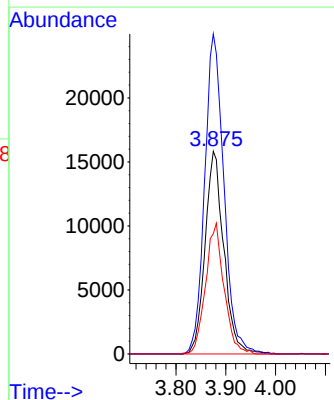
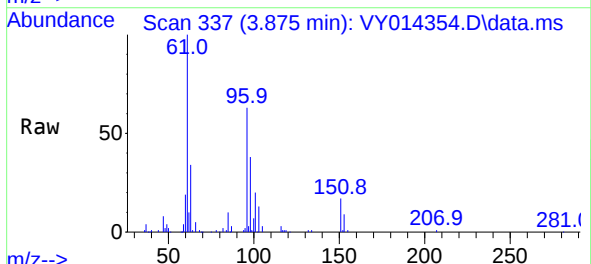
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

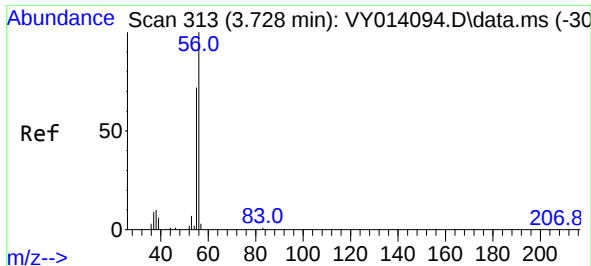
Tgt Ion: 59 Resp: 76844  
Ion Ratio Lower Upper  
59 100  
57 6.3 3.0 4.4#



#12  
1,1-Dichloroethene  
Concen: 18.631 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. -0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 96 Resp: 41356  
Ion Ratio Lower Upper  
96 100  
61 157.9 136.4 204.6  
98 59.3 49.4 74.2

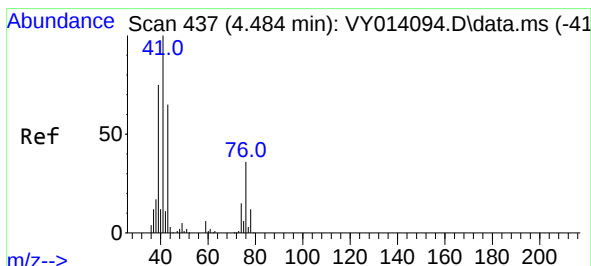
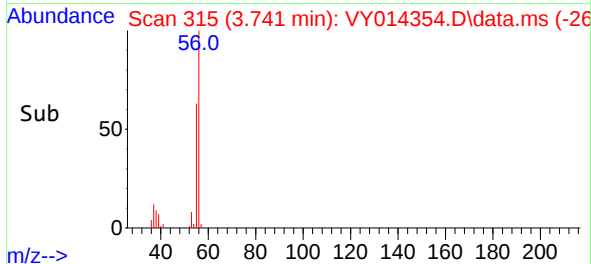
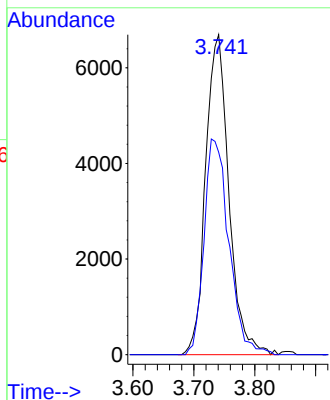
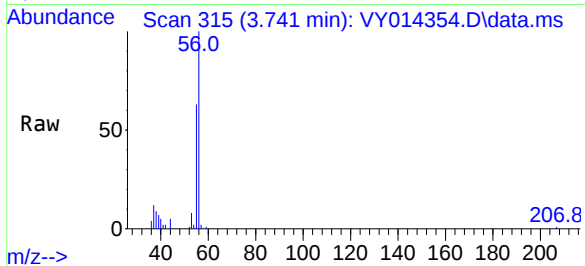




#13  
Acrolein  
Concen: 124.317 ug/l  
RT: 3.741 min Scan# 313  
Delta R.T. 0.013 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

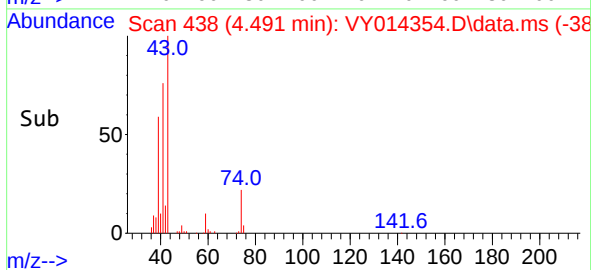
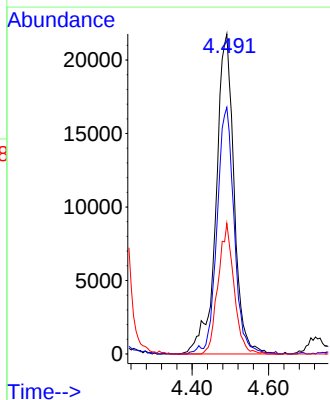
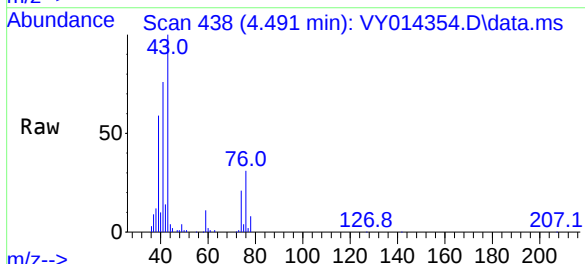
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

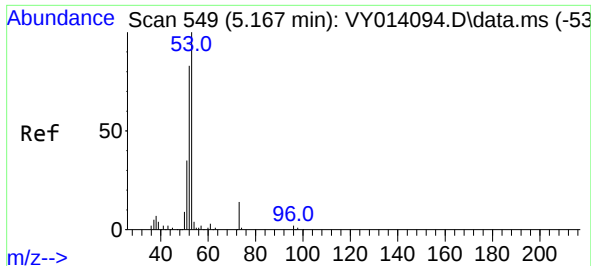
Tgt Ion: 56 Resp: 17733  
Ion Ratio Lower Upper  
56 100  
55 72.1 57.0 85.4



#14  
Allyl chloride  
Concen: 17.692 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. 0.007 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 41 Resp: 71188  
Ion Ratio Lower Upper  
41 100  
39 72.7 58.0 87.0  
76 35.9 27.4 41.2

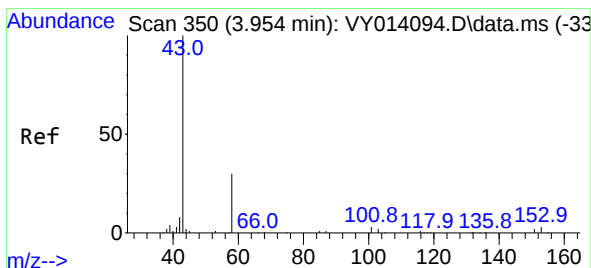
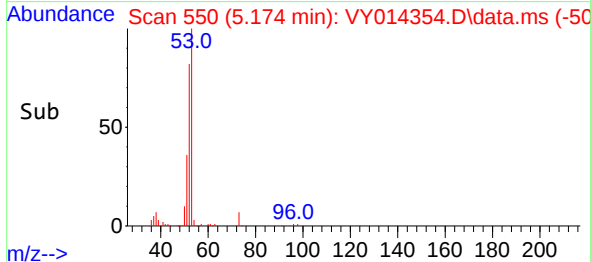
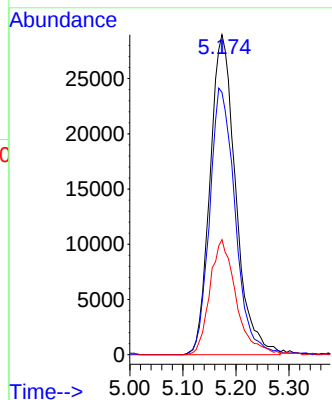
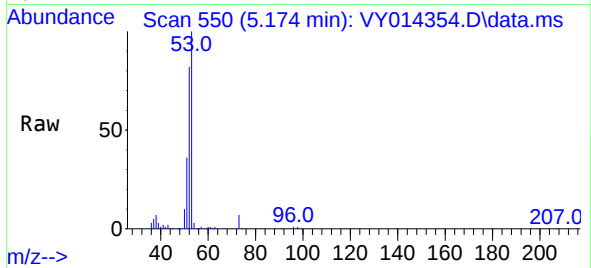




#15  
Acrylonitrile  
Concen: 130.190 ug/l  
RT: 5.174 min Scan# 51  
Delta R.T. 0.007 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

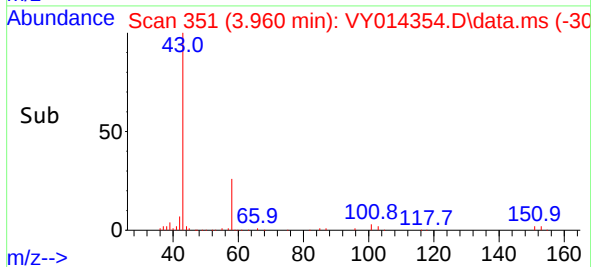
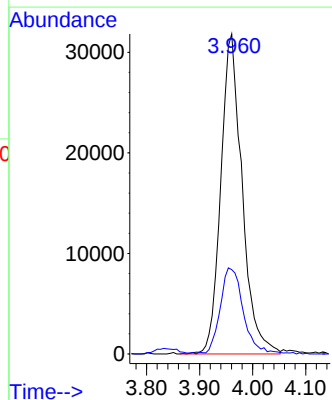
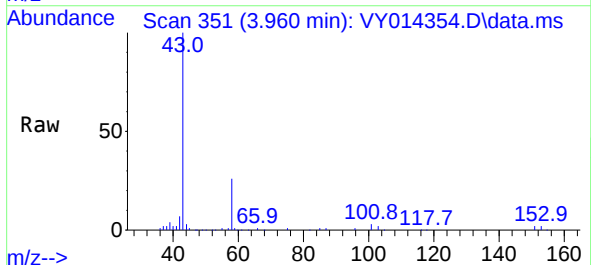
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

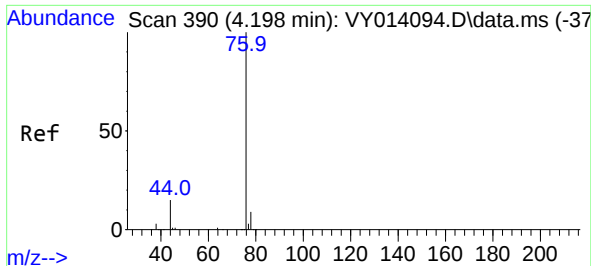
|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 97299 |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 82.9     | 66.9 100.3  |
| 51 36.8     | 29.8 44.6   |



#16  
Acetone  
Concen: 108.644 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. 0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 88658 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 25.9     | 22.7 34.1   |

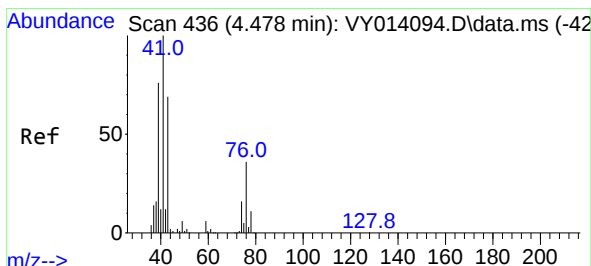
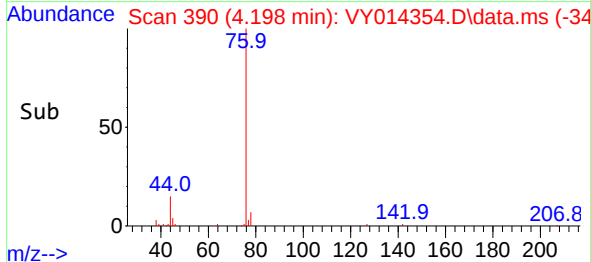
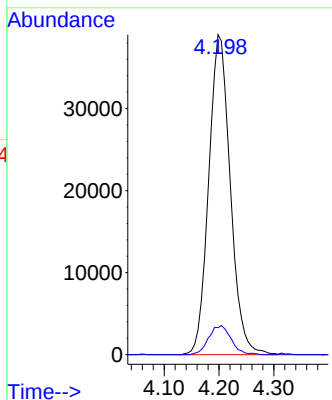
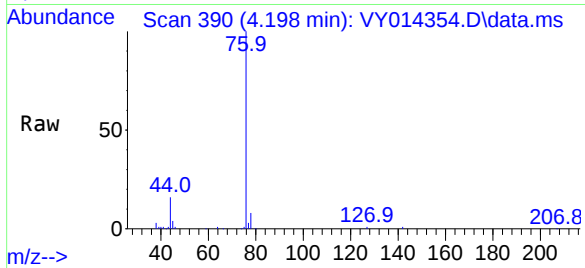




#17  
Carbon Disulfide  
Concen: 14.823 ug/l  
RT: 4.198 min Scan# 390  
Delta R.T. 0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

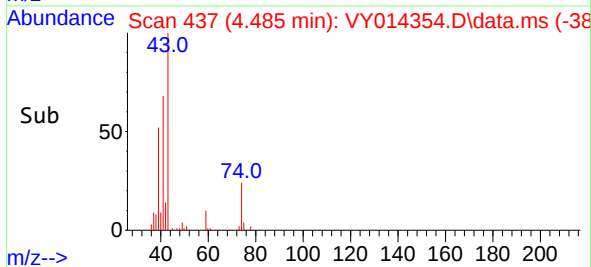
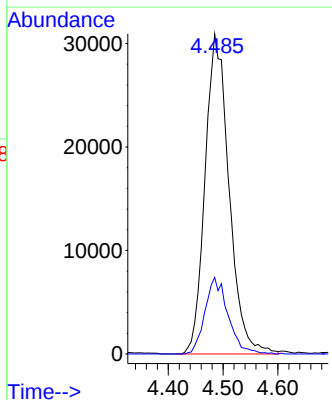
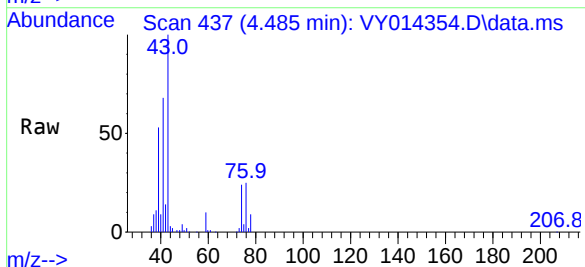
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

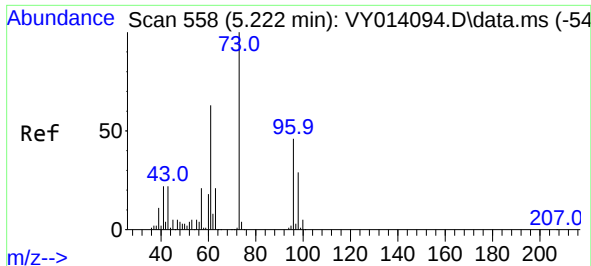
Tgt Ion: 76 Resp: 106622  
Ion Ratio Lower Upper  
76 100  
78 8.4 7.0 10.4



#18  
Methyl Acetate  
Concen: 29.631 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. 0.007 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 43 Resp: 93854  
Ion Ratio Lower Upper  
43 100  
74 23.0 17.4 26.0

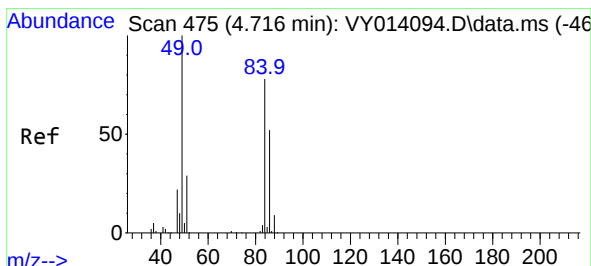
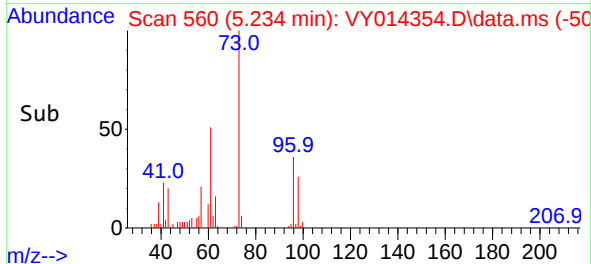
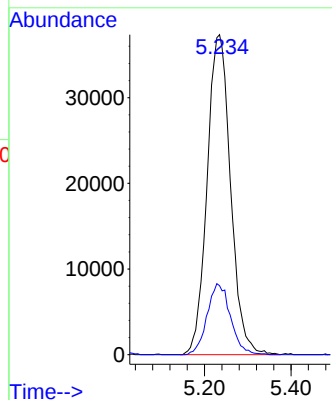
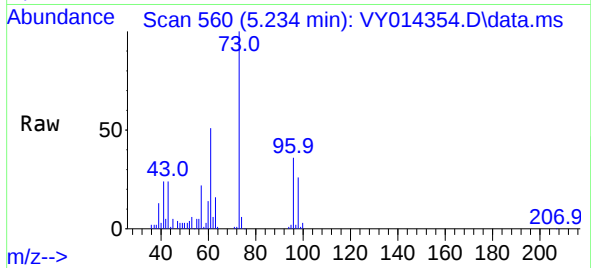




#19  
Methyl tert-butyl Ether  
Concen: 21.441 ug/l  
RT: 5.234 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

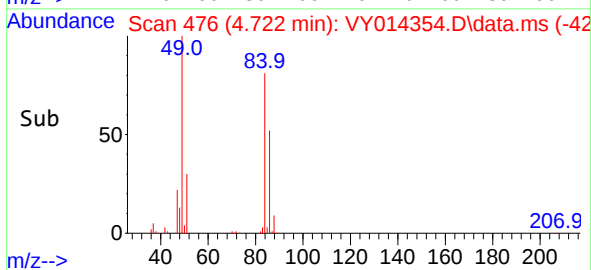
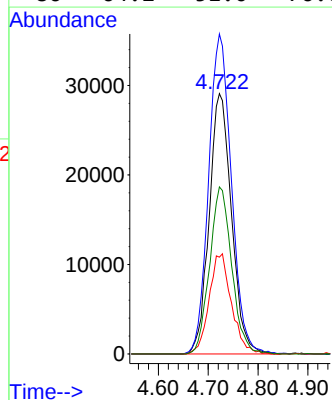
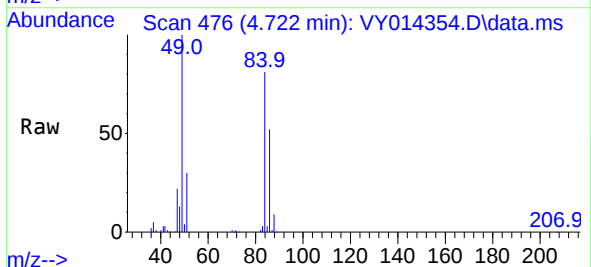
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

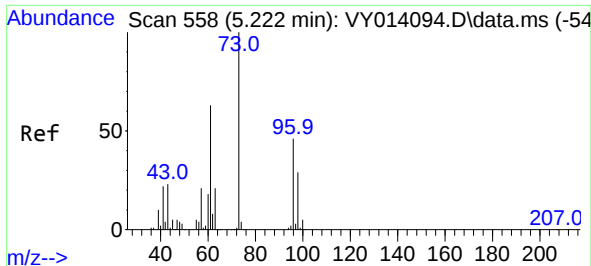
Tgt Ion: 73 Resp: 140369  
Ion Ratio Lower Upper  
73 100  
57 21.5 17.3 25.9



#20  
Methylene Chloride  
Concen: 33.580 ug/l  
RT: 4.722 min Scan# 476  
Delta R.T. 0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 84 Resp: 90552  
Ion Ratio Lower Upper  
84 100  
49 122.9 106.9 160.3  
51 37.2 33.2 49.8  
86 64.2 51.0 76.6

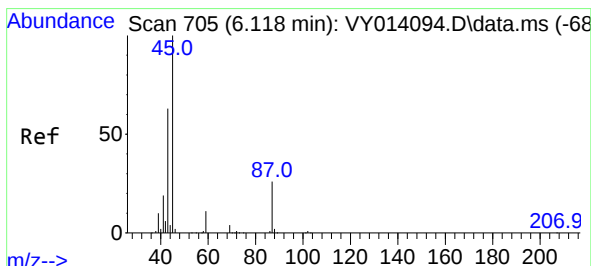
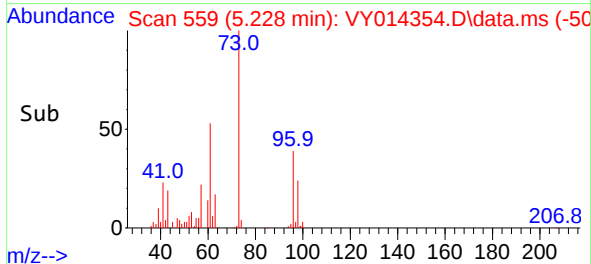
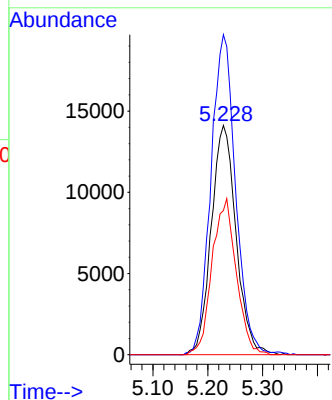
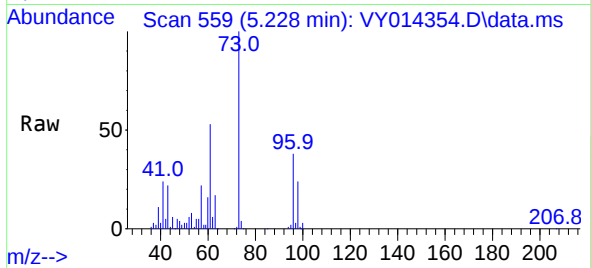




#21  
trans-1,2-Dichloroethene  
Concen: 17.916 ug/l  
RT: 5.228 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

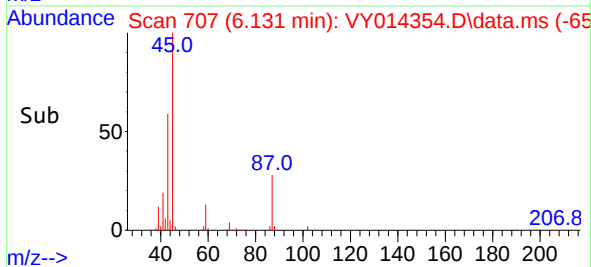
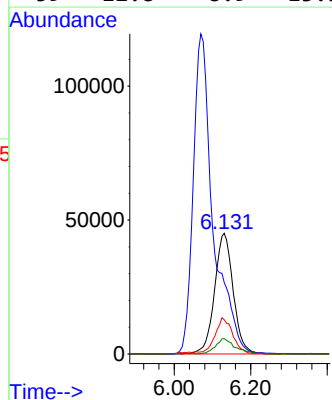
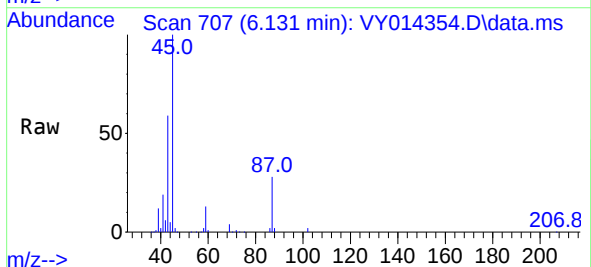
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

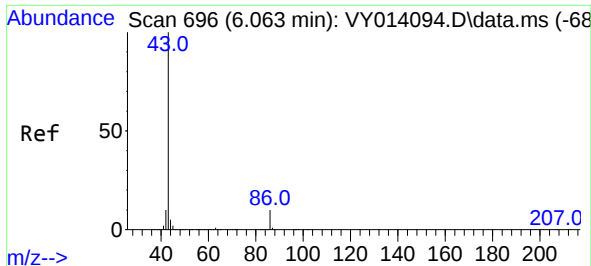
Tgt Ion: 96 Resp: 44357  
Ion Ratio Lower Upper  
96 100  
61 139.6 110.2 165.4  
98 62.9 51.8 77.6



#22  
Diisopropyl ether  
Concen: 19.814 ug/l  
RT: 6.131 min Scan# 707  
Delta R.T. 0.013 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 45 Resp: 152647  
Ion Ratio Lower Upper  
45 100  
43 58.9 52.2 78.4  
87 28.4 21.0 31.6  
59 12.8 8.9 13.3

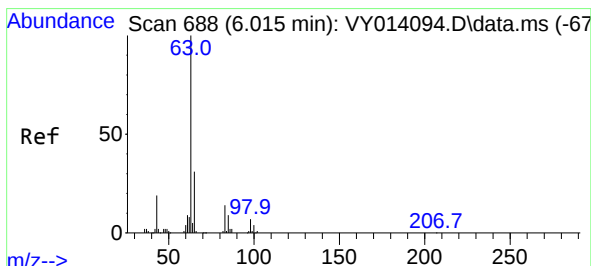
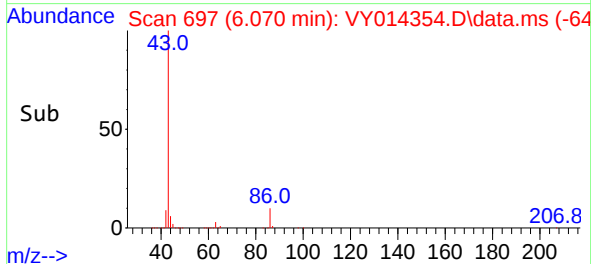
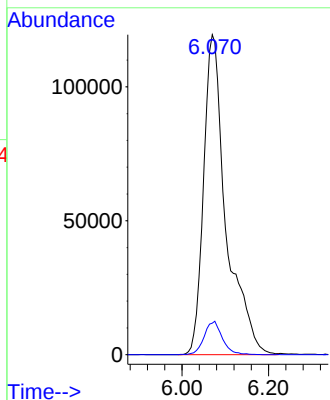
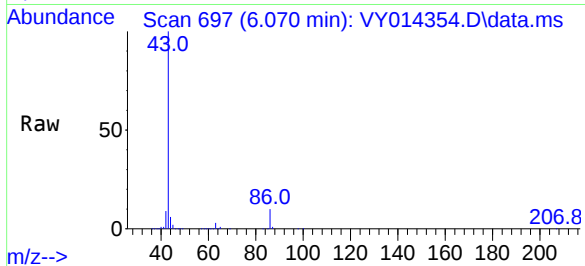




#23  
 Vinyl Acetate  
 Concen: 94.882 ug/l  
 RT: 6.070 min Scan# 696  
 Delta R.T. 0.007 min  
 Lab File: VY014354.D  
 Acq: 21 Jun 2023 23:30

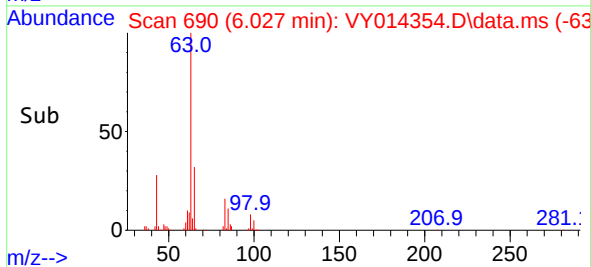
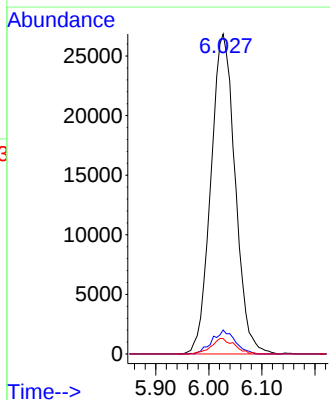
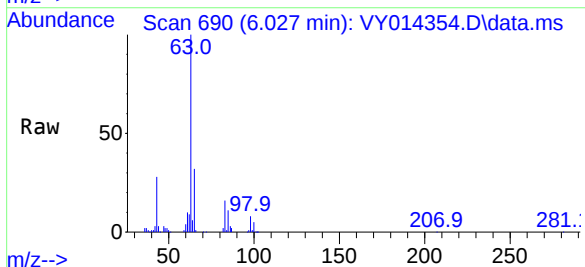
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0621SBS02

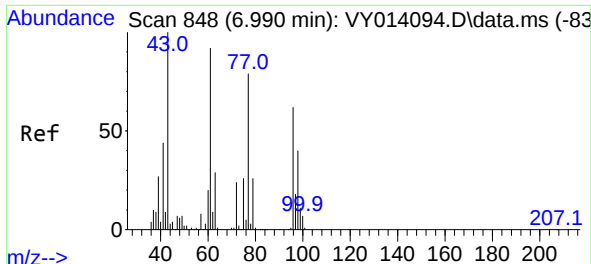
Tgt Ion: 43 Resp: 431279  
 Ion Ratio Lower Upper  
 43 100  
 86 9.8 7.5 11.3



#24  
 1,1-Dichloroethane  
 Concen: 19.242 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. 0.012 min  
 Lab File: VY014354.D  
 Acq: 21 Jun 2023 23:30

Tgt Ion: 63 Resp: 85469  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.1 9.4  
 100 4.8 1.8 5.5

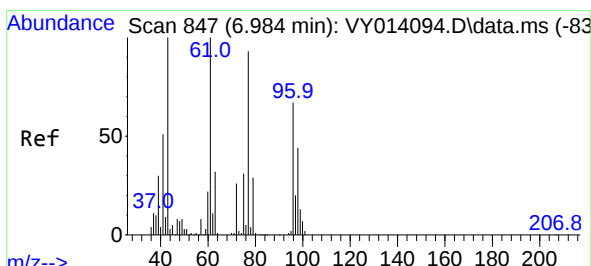
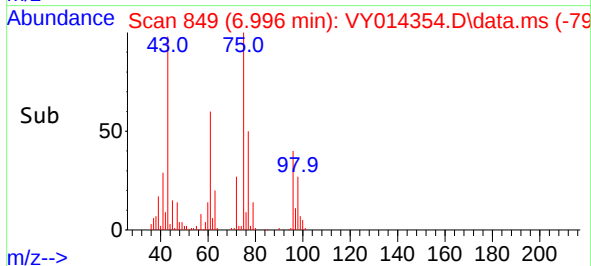
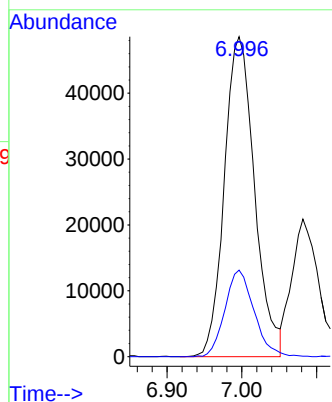
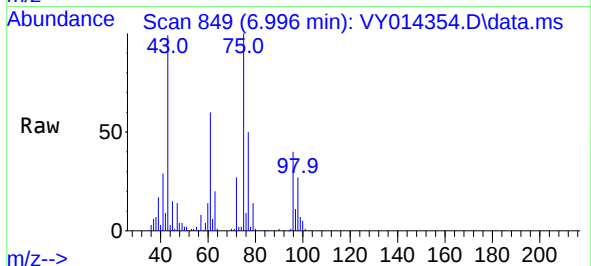




#25  
2-Butanone  
Concen: 135.719 ug/l  
RT: 6.996 min Scan# 848  
Delta R.T. 0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

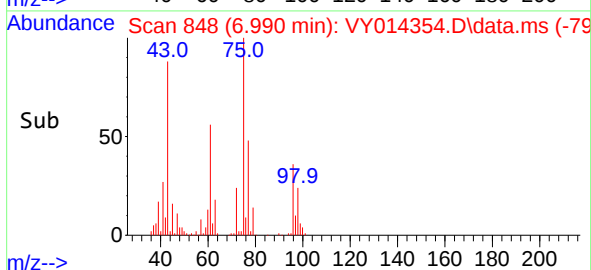
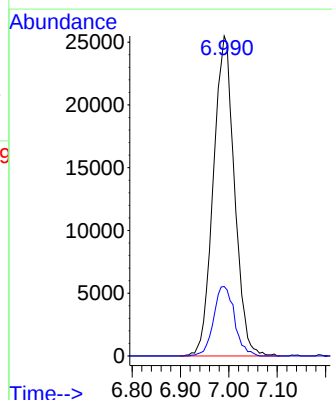
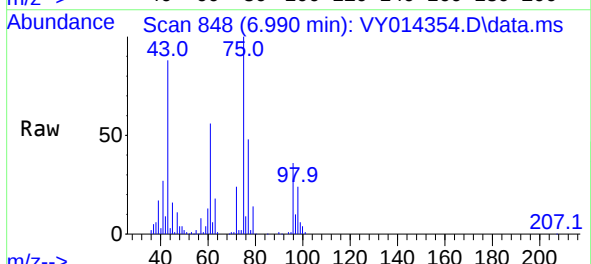
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

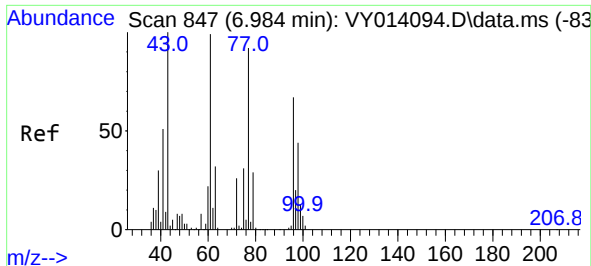
Tgt Ion: 43 Resp: 136331  
Ion Ratio Lower Upper  
43 100  
72 27.0 20.5 30.7



#26  
2,2-Dichloropropane  
Concen: 18.545 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. 0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 77 Resp: 77369  
Ion Ratio Lower Upper  
77 100  
97 21.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.490 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY014354.D

Acq: 21 Jun 2023 23:30

Instrument :

MSVOA\_Y

ClientSampleId :

VY0621SBS02

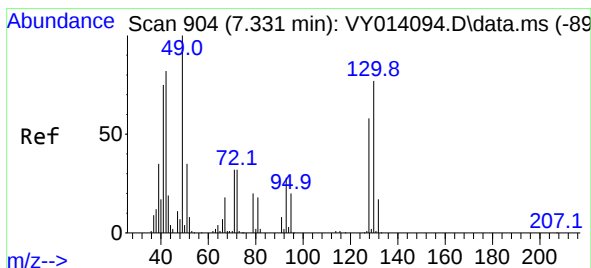
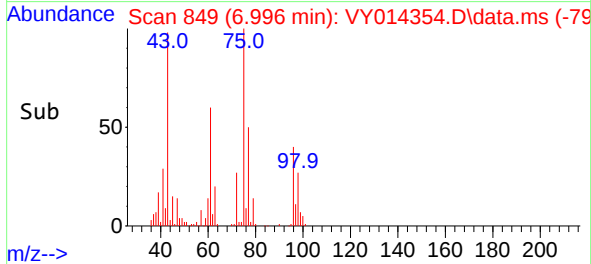
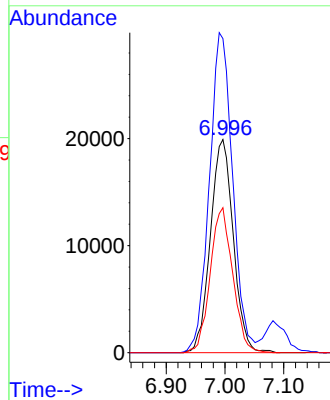
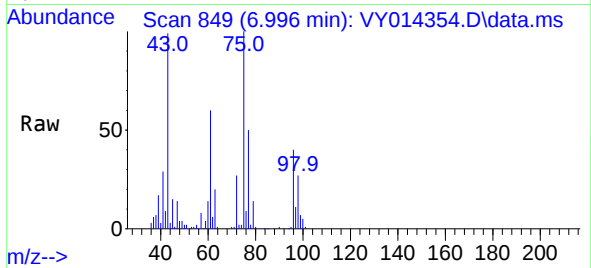
Tgt Ion: 96 Resp: 53980

Ion Ratio Lower Upper

96 100

61 152.0 0.0 301.4

98 66.9 0.0 130.4



#28

Bromochloromethane

Concen: 20.463 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.013 min

Lab File: VY014354.D

Acq: 21 Jun 2023 23:30

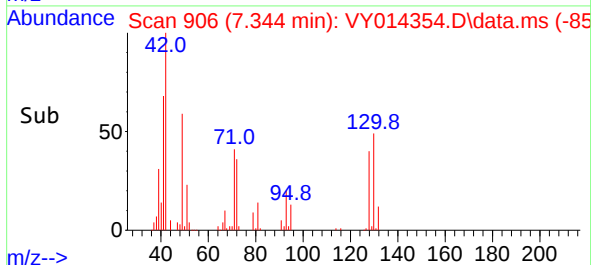
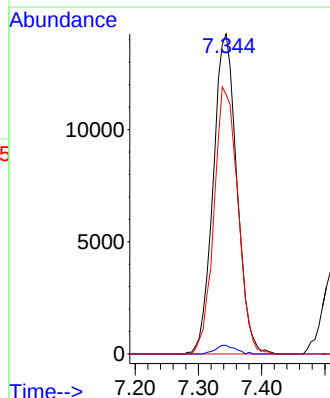
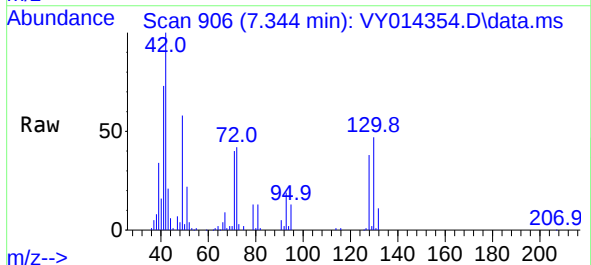
Tgt Ion: 49 Resp: 36963

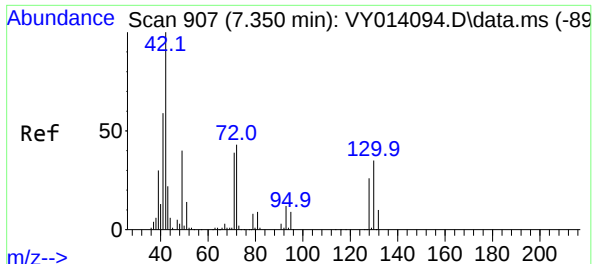
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 84.3 60.7 91.1

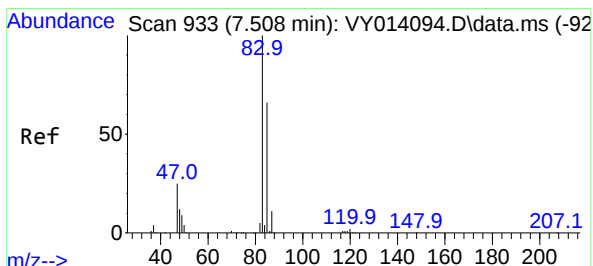
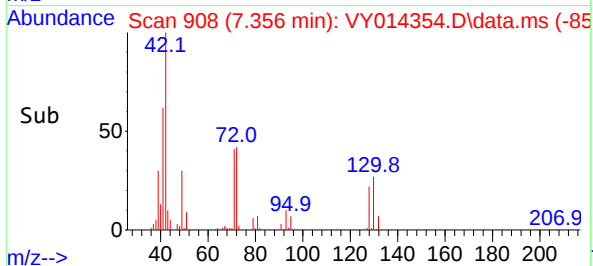
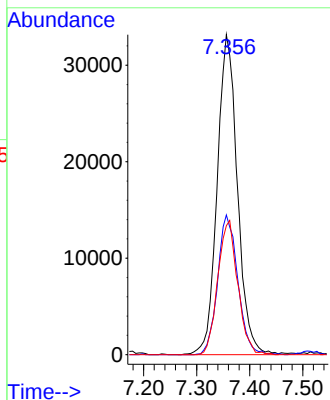
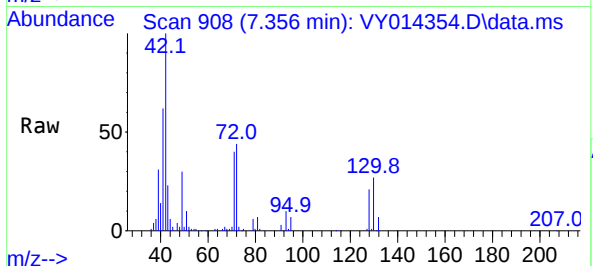




#29  
Tetrahydrofuran  
Concen: 137.923 ug/l  
RT: 7.356 min Scan# 907  
Delta R.T. 0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

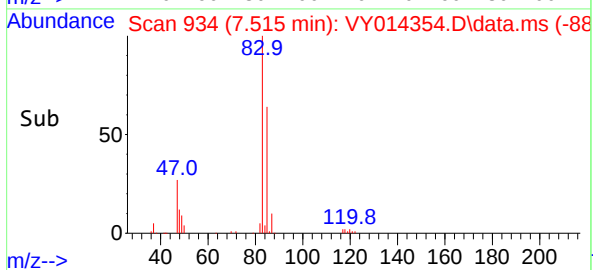
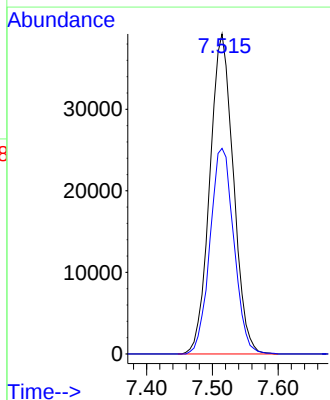
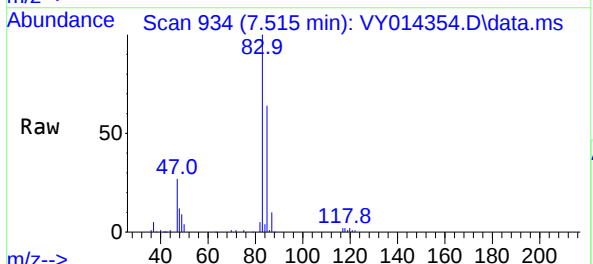
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

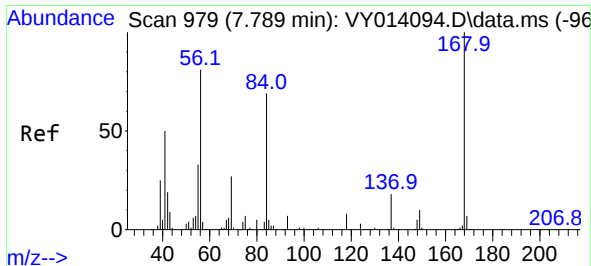
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 87853 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 43.6  | 32.8  | 49.2  |
| 71       | 41.3  | 31.0  | 46.4  |



#30  
Chloroform  
Concen: 20.786 ug/l  
RT: 7.515 min Scan# 934  
Delta R.T. 0.007 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 97952 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.3  | 49.7  | 74.5  |

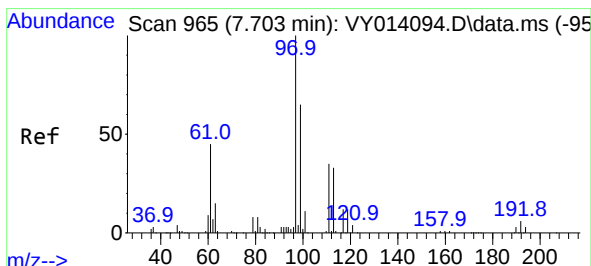
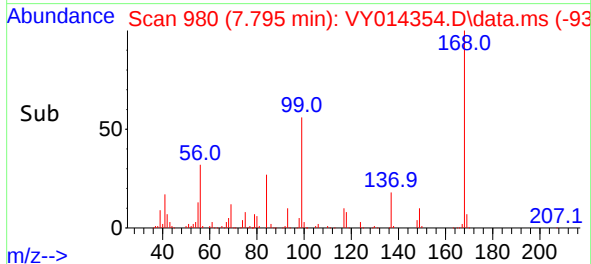
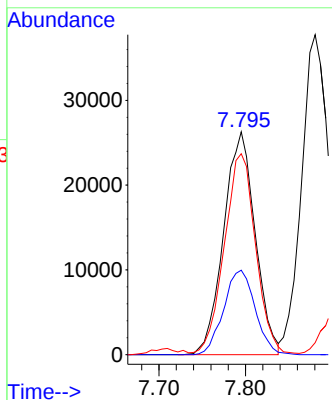
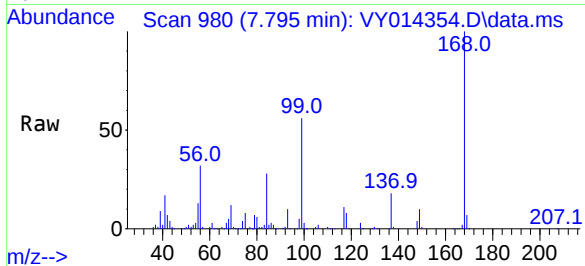




#31  
Cyclohexane  
Concen: 18.318 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

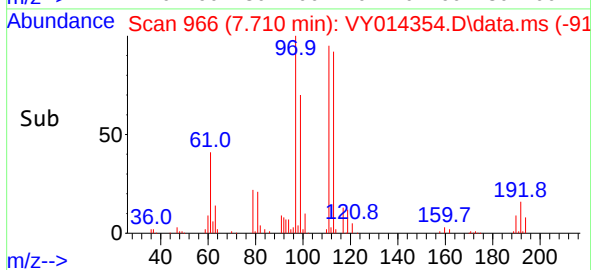
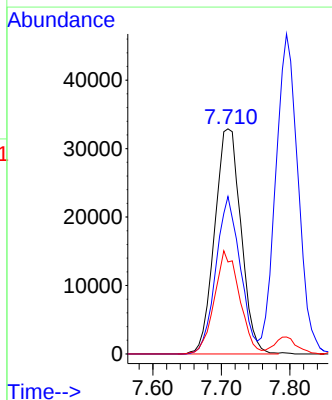
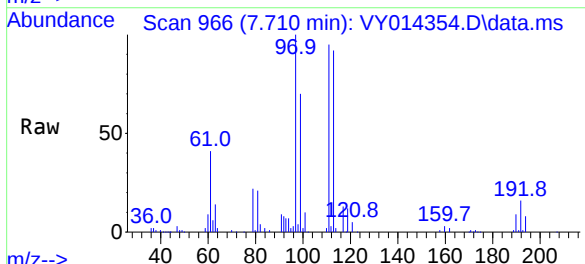
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

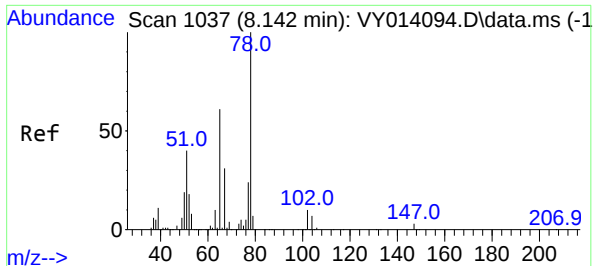
Tgt Ion: 56 Resp: 66432  
Ion Ratio Lower Upper  
56 100  
69 37.9 27.8 41.6  
84 88.9 66.4 99.6



#32  
1,1,1-Trichloroethane  
Concen: 20.637 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. 0.007 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 97 Resp: 87711  
Ion Ratio Lower Upper  
97 100  
99 64.8 50.8 76.2  
61 43.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.048 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY014354.D

Acq: 21 Jun 2023 23:30

Instrument :

MSVOA\_Y

ClientSampleId :

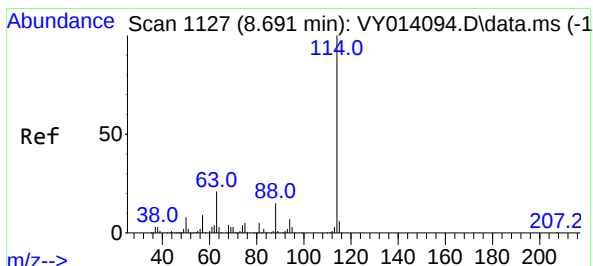
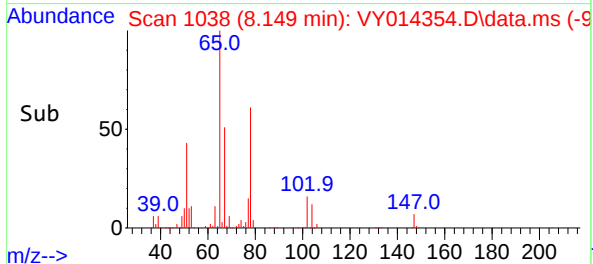
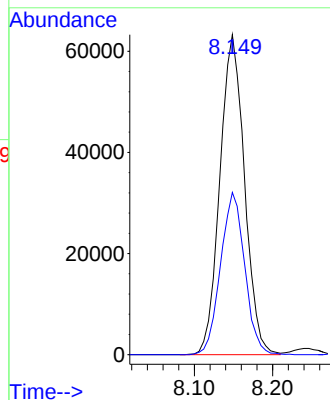
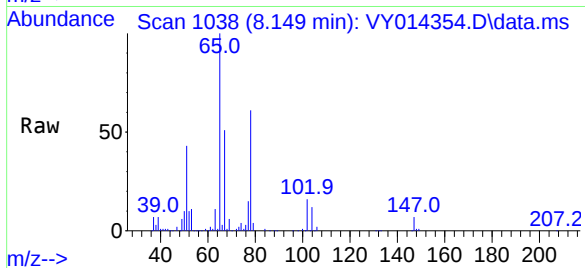
VY0621SBS02

Tgt Ion: 65 Resp: 138198

Ion Ratio Lower Upper

65 100

67 49.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY014354.D

Acq: 21 Jun 2023 23:30

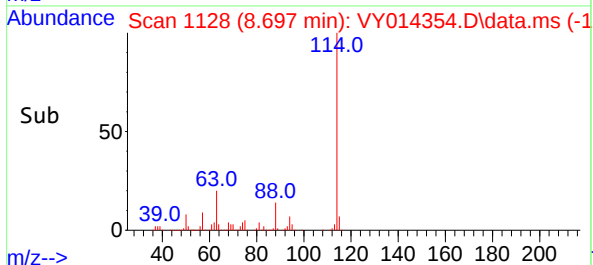
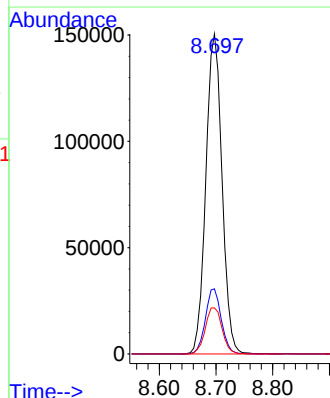
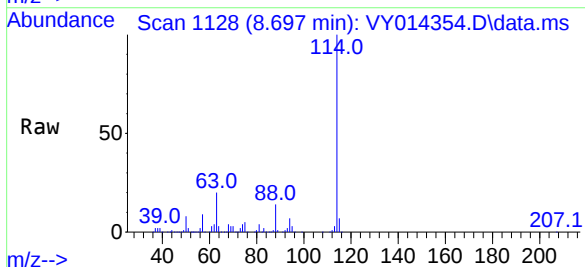
Tgt Ion: 114 Resp: 298365

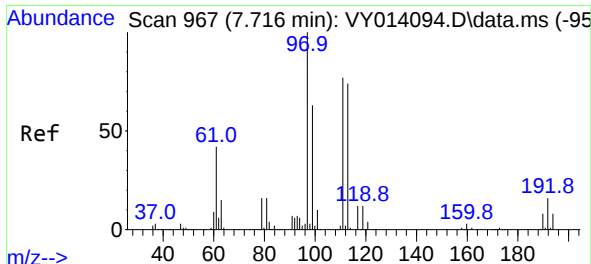
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

88 14.4 0.0 30.6

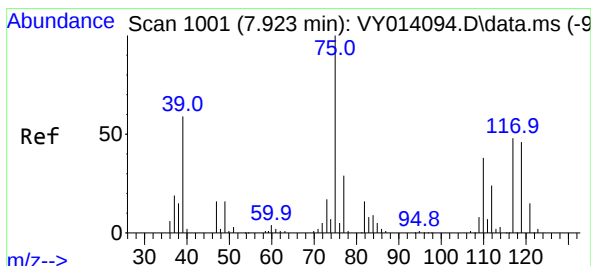
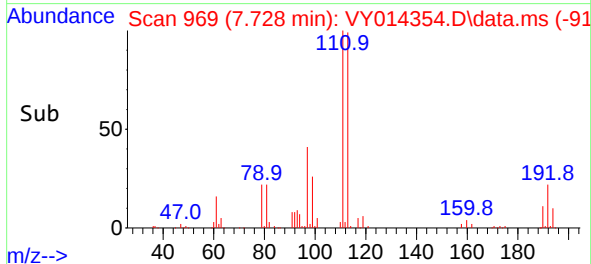
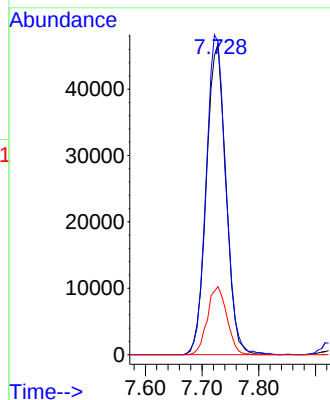
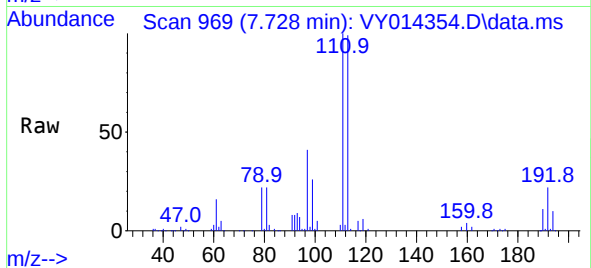




#35  
Dibromofluoromethane  
Concen: 53.036 ug/l  
RT: 7.728 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

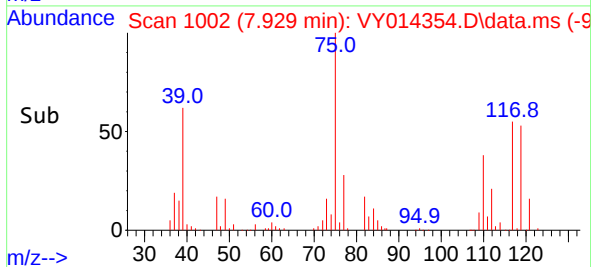
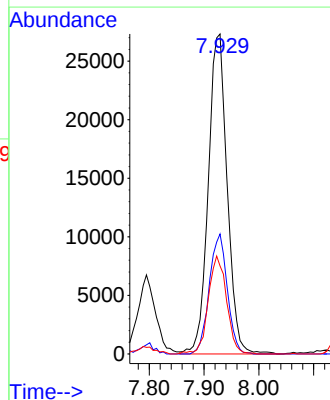
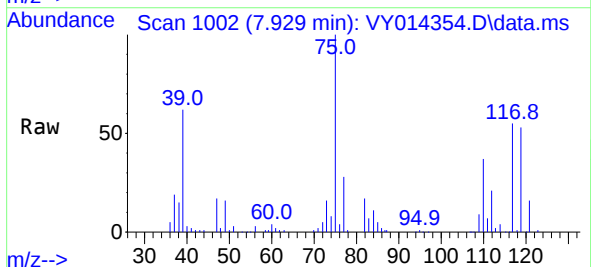
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

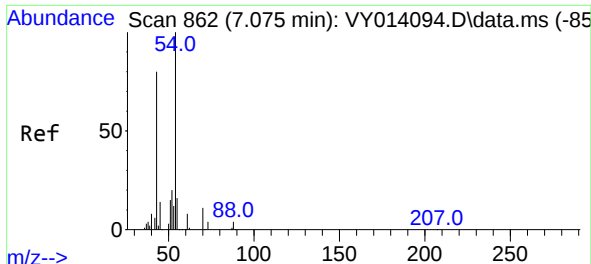
Tgt Ion:113 Resp: 112220  
Ion Ratio Lower Upper  
113 100  
111 103.3 81.3 121.9  
192 21.8 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 19.822 ug/l  
RT: 7.929 min Scan# 1002  
Delta R.T. 0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 75 Resp: 65388  
Ion Ratio Lower Upper  
75 100  
110 35.7 17.8 53.5  
77 29.6 24.4 36.6

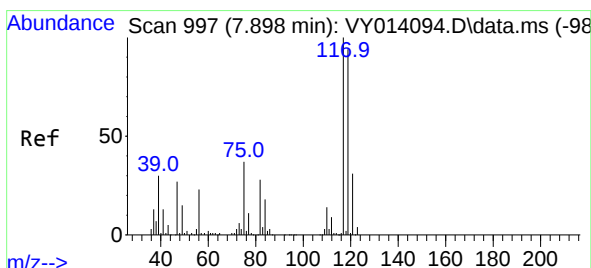
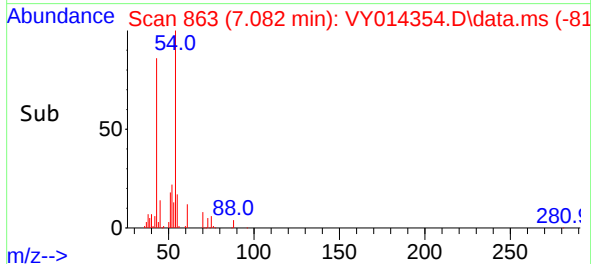
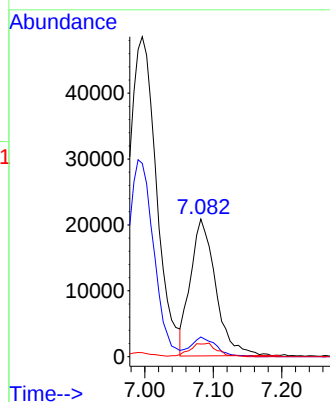
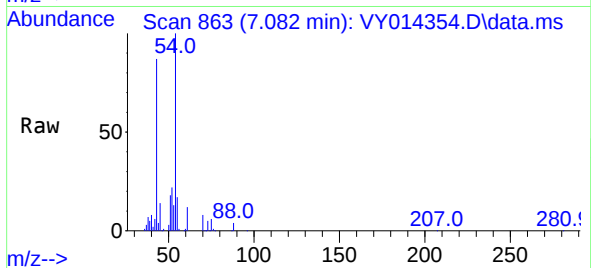




#37  
Ethyl Acetate  
Concen: 23.355 ug/l  
RT: 7.082 min Scan# 80  
Delta R.T. 0.007 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

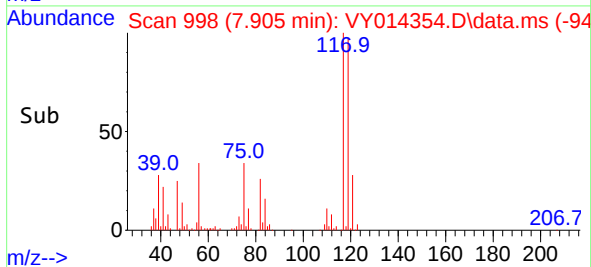
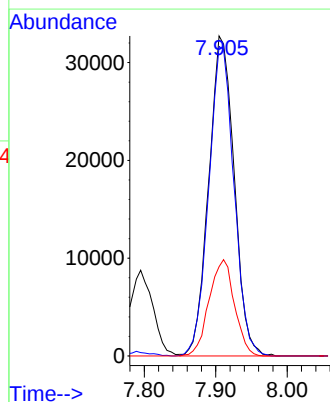
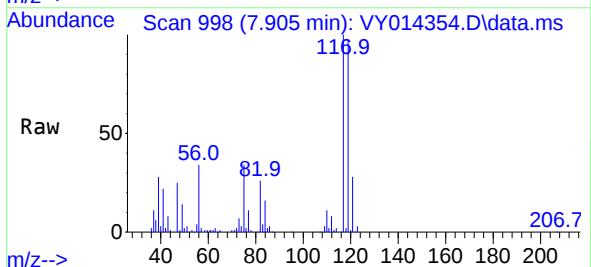
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

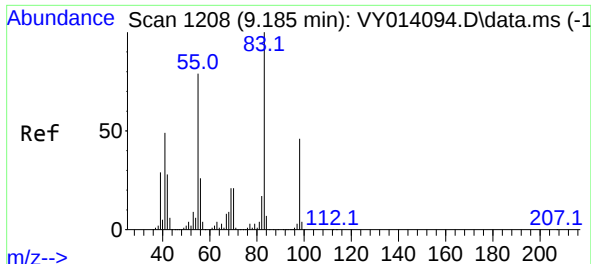
Tgt Ion: 43 Resp: 53158  
Ion Ratio Lower Upper  
43 100  
61 14.4 10.1 15.1  
70 10.6 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 21.242 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. 0.007 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 117 Resp: 80862  
Ion Ratio Lower Upper  
117 100  
119 96.7 76.4 114.6  
121 27.9 25.8 38.6

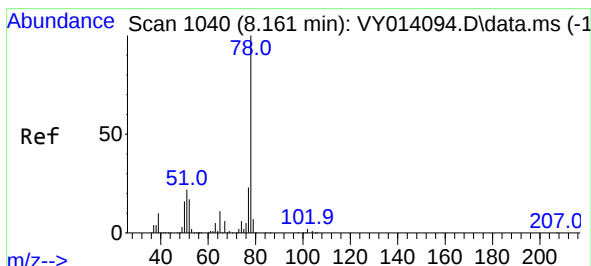
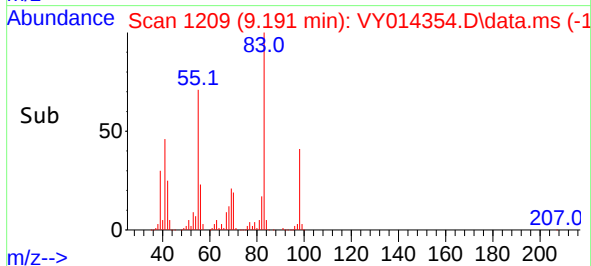
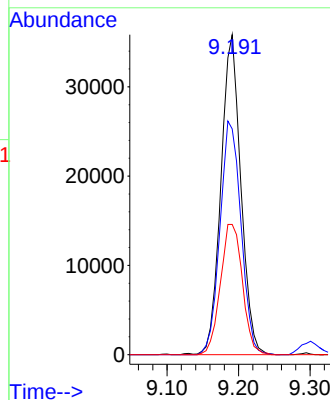
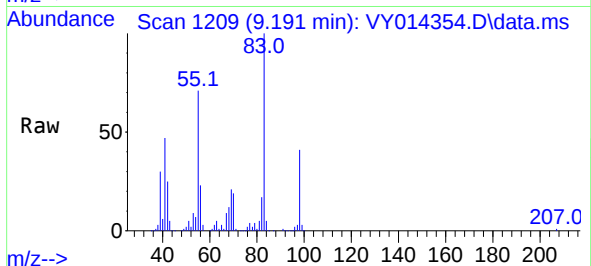




#39  
Methylcyclohexane  
Concen: 18.908 ug/l  
RT: 9.191 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

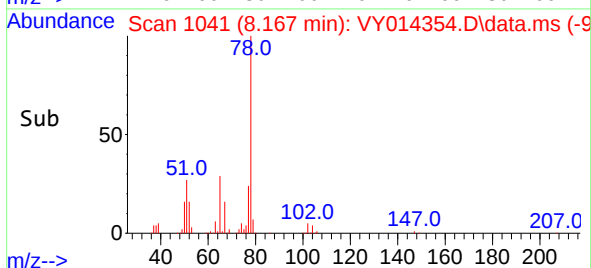
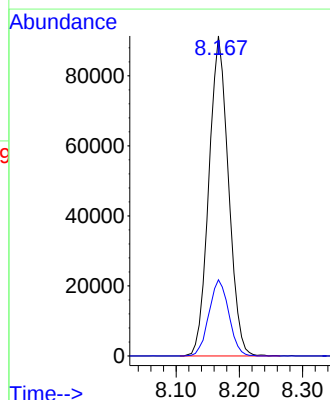
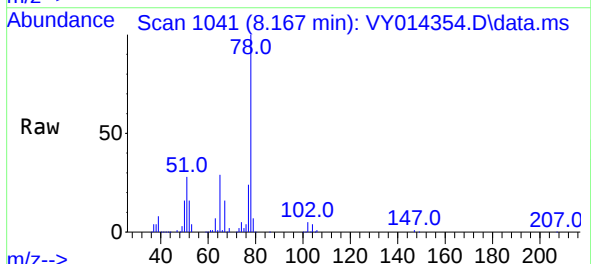
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

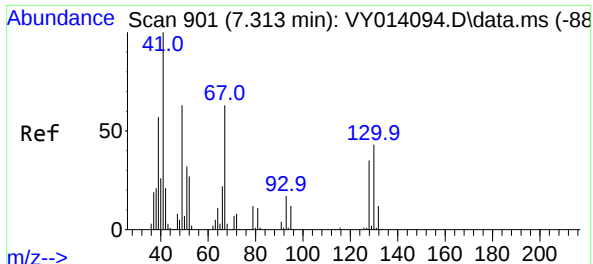
Tgt Ion: 83 Resp: 69204  
Ion Ratio Lower Upper  
83 100  
55 70.6 63.0 94.4  
98 40.7 37.4 56.2



#40  
Benzene  
Concen: 20.021 ug/l  
RT: 8.167 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 78 Resp: 196394  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.0 28.6

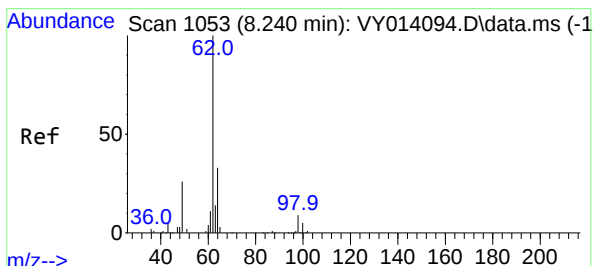
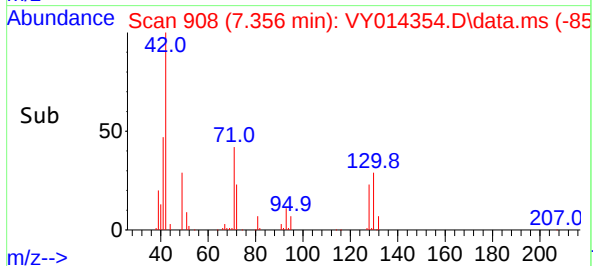
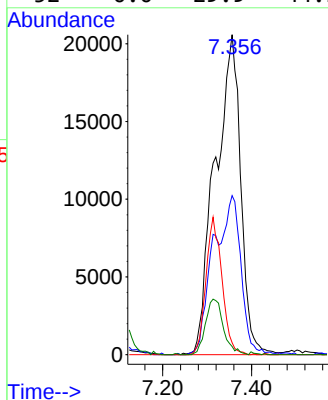
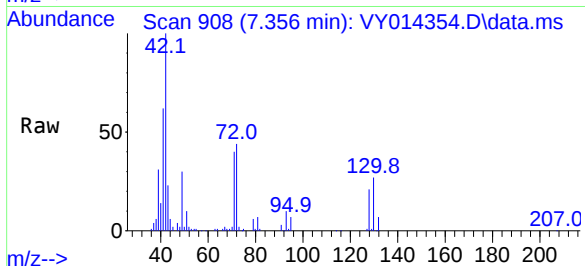




#41  
Methacrylonitrile  
Concen: 70.604 ug/l  
RT: 7.356 min Scan# 901  
Delta R.T. 0.043 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

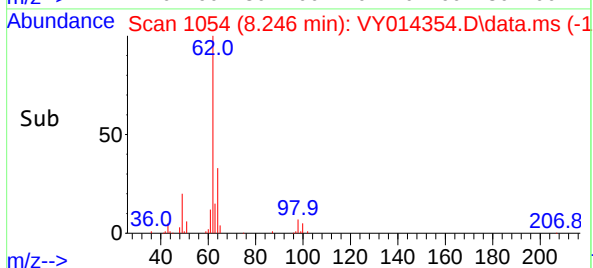
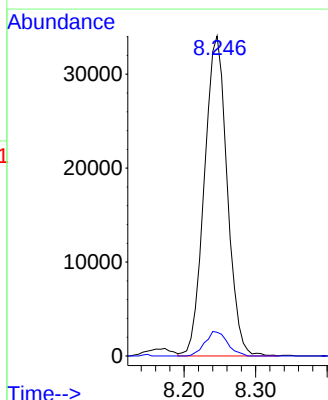
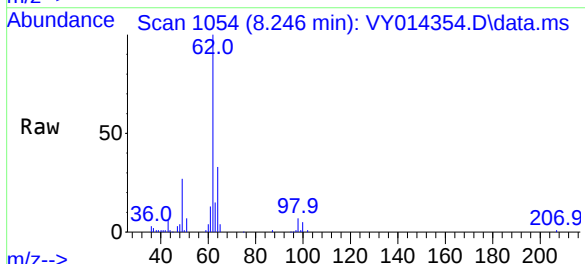
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

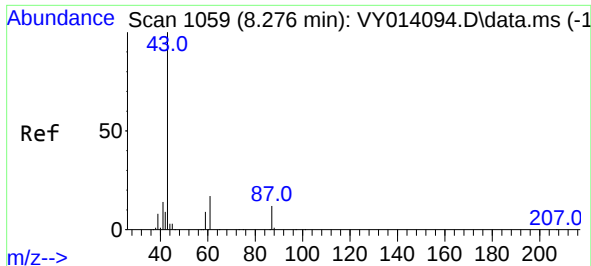
Tgt Ion: 41 Resp: 82015  
Ion Ratio Lower Upper  
41 100  
39 27.9 52.1 78.1#  
67 0.0 66.2 99.2#  
52 0.0 29.9 44.9#



#42  
1,2-Dichloroethane  
Concen: 21.761 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. 0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 62 Resp: 75483  
Ion Ratio Lower Upper  
62 100  
98 7.5 0.0 15.8

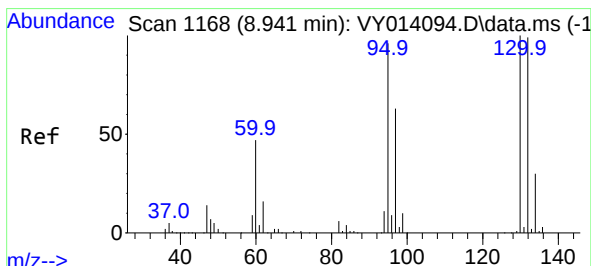
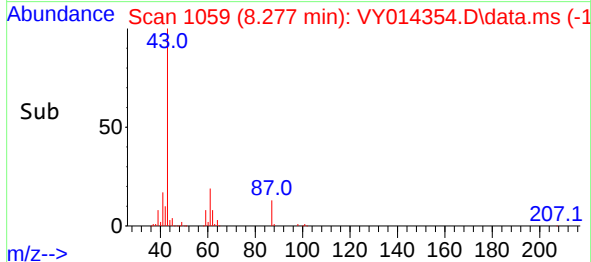
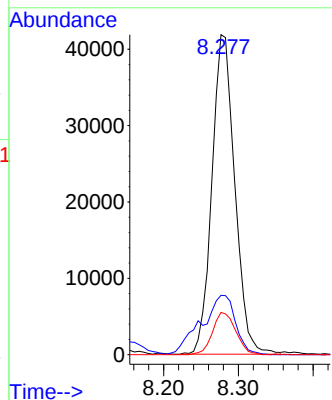
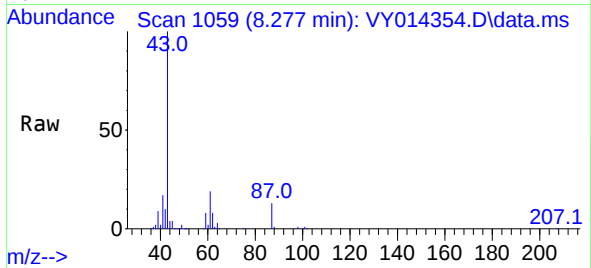




#43  
Isopropyl Acetate  
Concen: 22.309 ug/l  
RT: 8.277 min Scan# 1105  
Delta R.T. 0.001 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

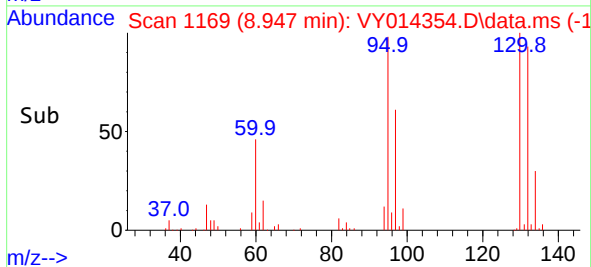
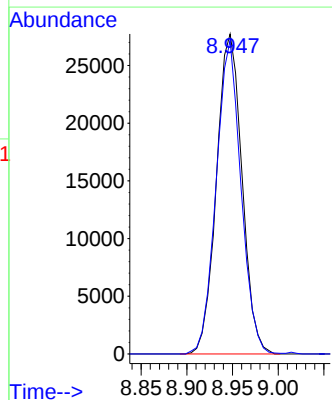
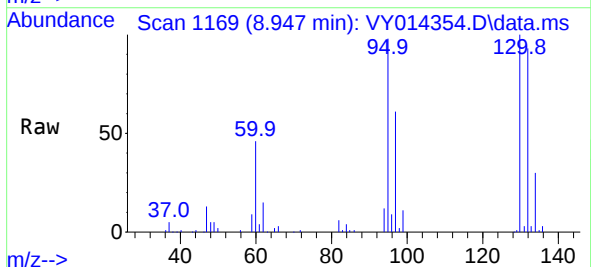
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

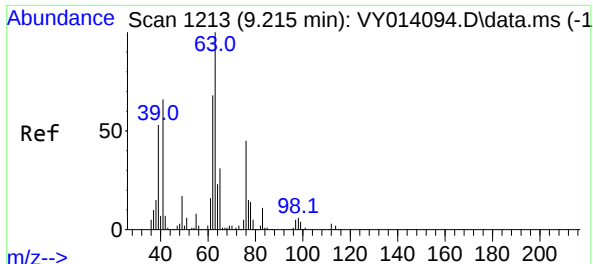
Tgt Ion: 43 Resp: 88999  
Ion Ratio Lower Upper  
43 100  
61 27.8 21.1 31.7  
87 13.4 9.8 14.8



#44  
Trichloroethene  
Concen: 20.506 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. 0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion:130 Resp: 53742  
Ion Ratio Lower Upper  
130 100  
95 98.0 0.0 196.0

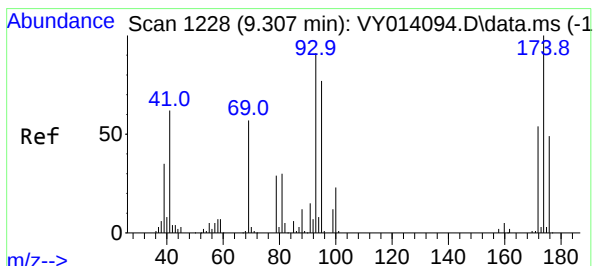
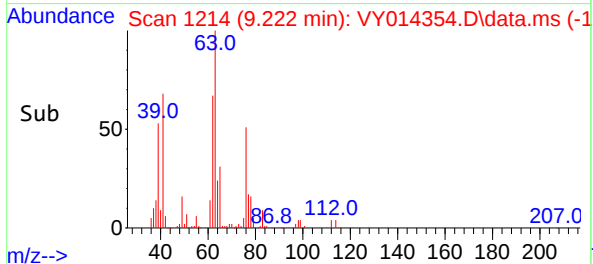
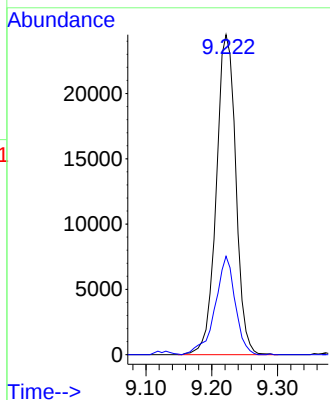
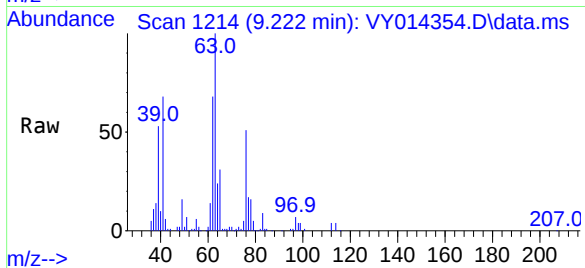




#45  
1,2-Dichloropropane  
Concen: 20.301 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. 0.007 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

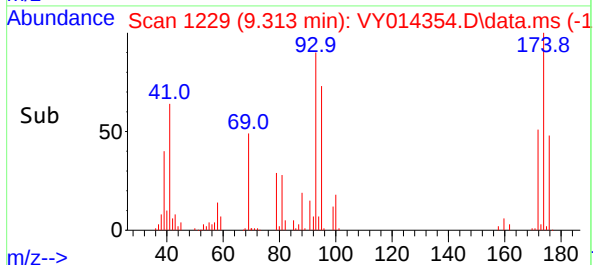
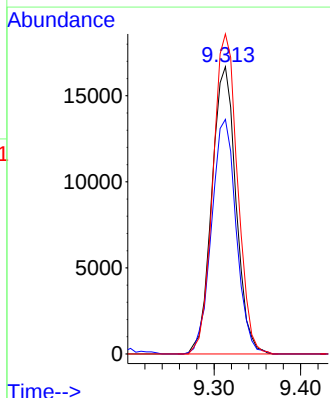
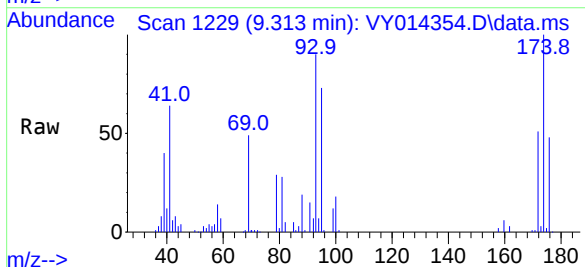
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

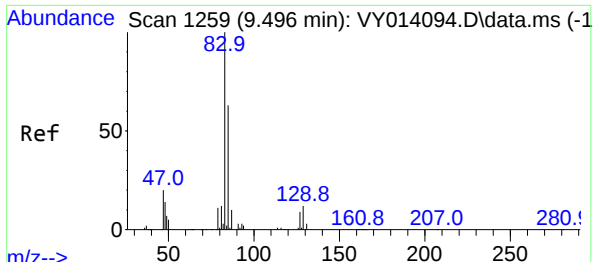
Tgt Ion: 63 Resp: 50582  
Ion Ratio Lower Upper  
63 100  
65 30.7 23.8 35.6



#46  
Dibromomethane  
Concen: 21.087 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 93 Resp: 32341  
Ion Ratio Lower Upper  
93 100  
95 83.0 66.6 100.0  
174 112.9 84.8 127.2





#47

Bromodichloromethane

Concen: 21.428 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.006 min

Lab File: VY014354.D

Acq: 21 Jun 2023 23:30

Instrument :

MSVOA\_Y

ClientSampleId :

VY0621SBS02

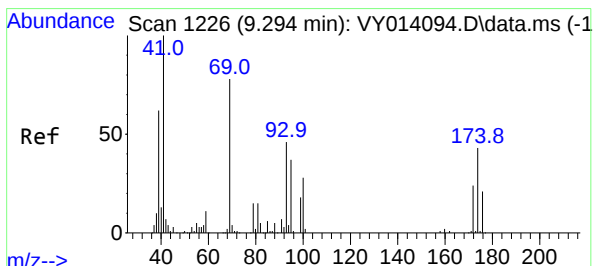
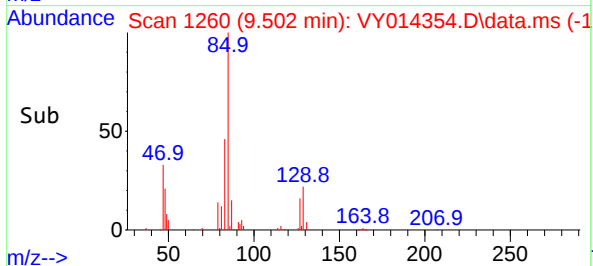
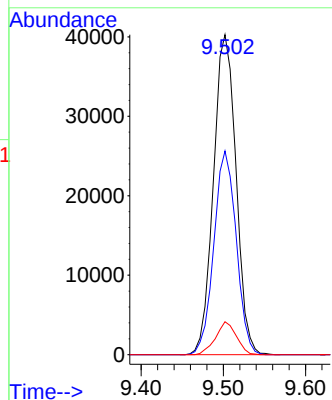
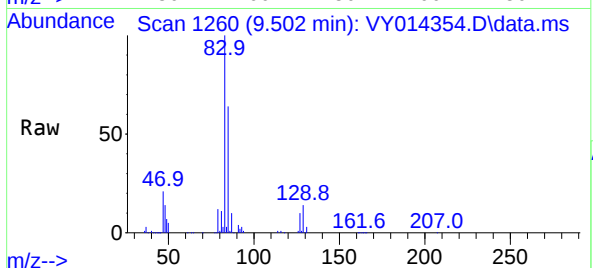
Tgt Ion: 83 Resp: 76947

Ion Ratio Lower Upper

83 100

85 63.7 50.1 75.1

127 10.3 7.1 10.7



#48

Methyl methacrylate

Concen: 22.883 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.001 min

Lab File: VY014354.D

Acq: 21 Jun 2023 23:30

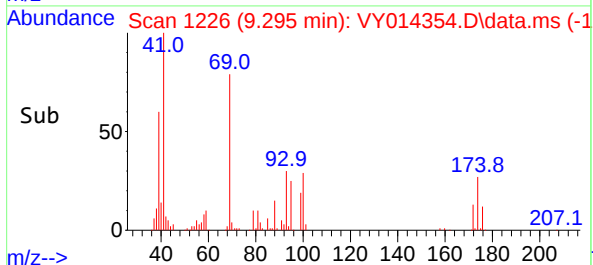
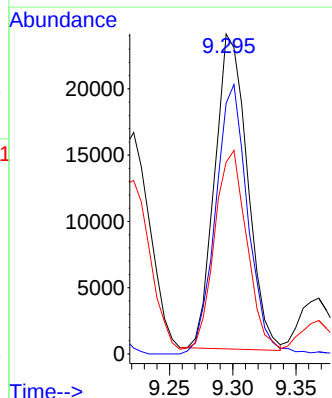
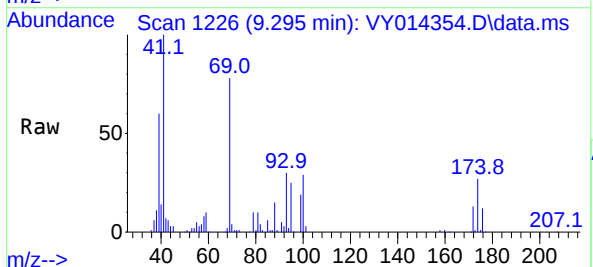
Tgt Ion: 41 Resp: 42578

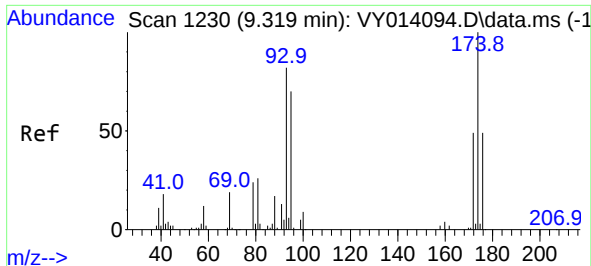
Ion Ratio Lower Upper

41 100

69 85.1 64.5 96.7

39 65.9 50.8 76.2

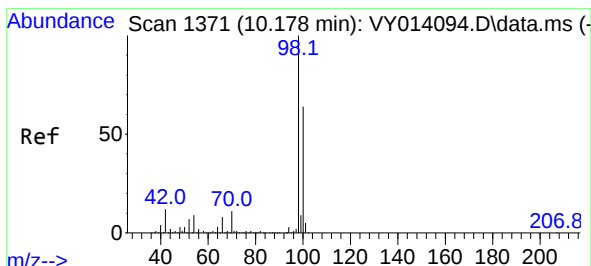
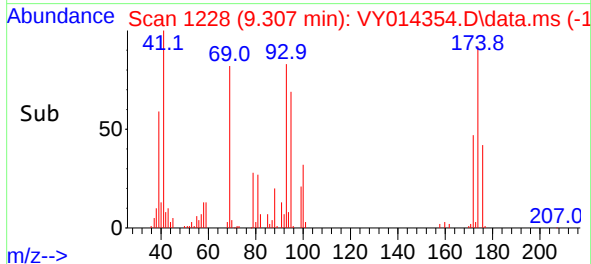
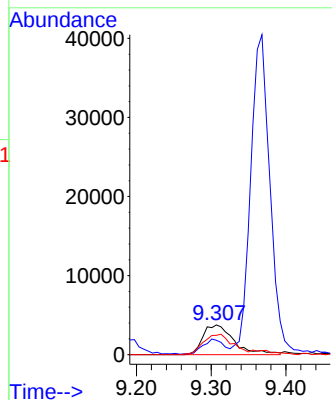
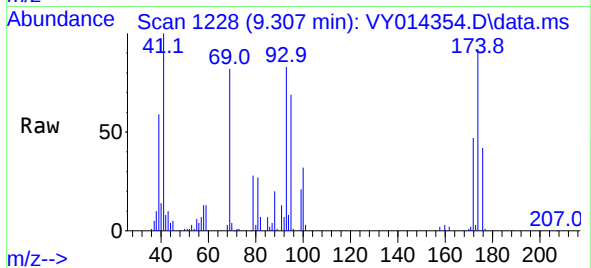




#49  
1,4-Dioxane  
Concen: 560.094 ug/l  
RT: 9.307 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

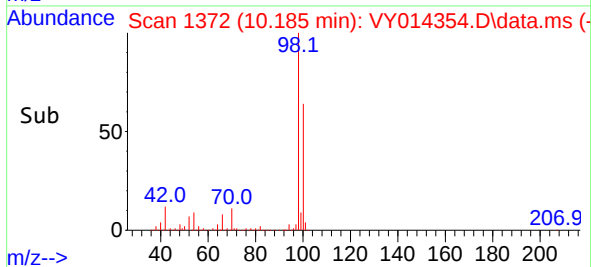
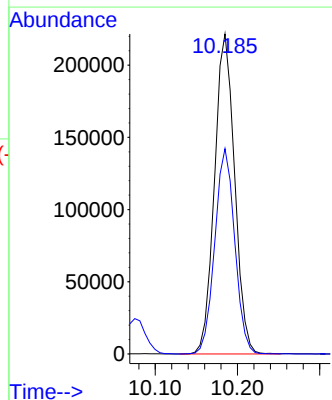
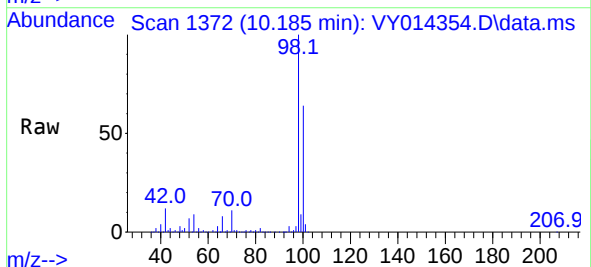
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

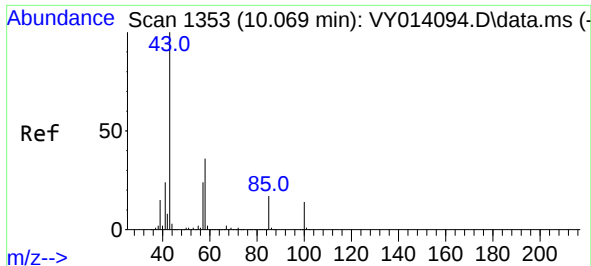
Tgt Ion: 88 Resp: 10915  
Ion Ratio Lower Upper  
88 100  
43 34.2 0.0 0.0#  
58 64.3 30.9 46.3#



#50  
Toluene-d8  
Concen: 47.647 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.007 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 98 Resp: 376920  
Ion Ratio Lower Upper  
98 100  
100 63.6 50.1 75.1

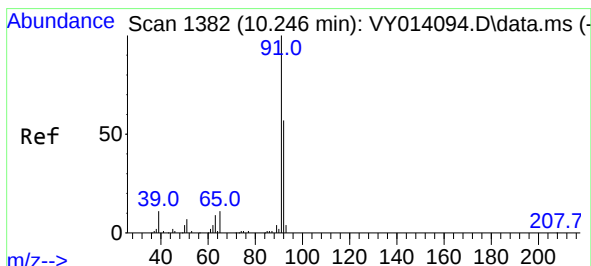
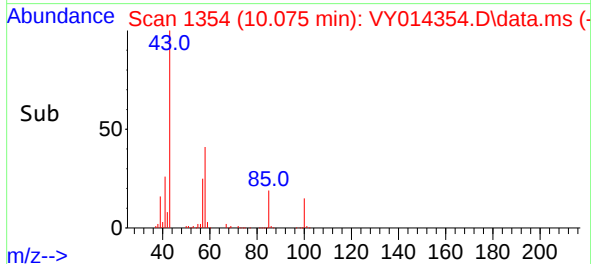
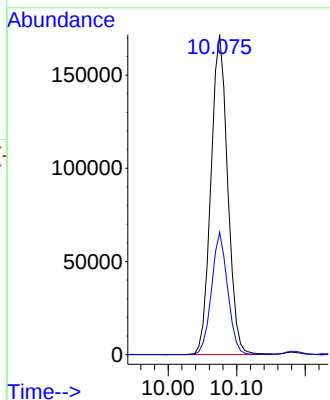
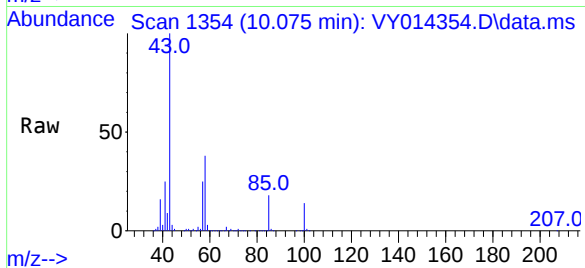




#51  
4-Methyl-2-Pentanone  
Concen: 134.335 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

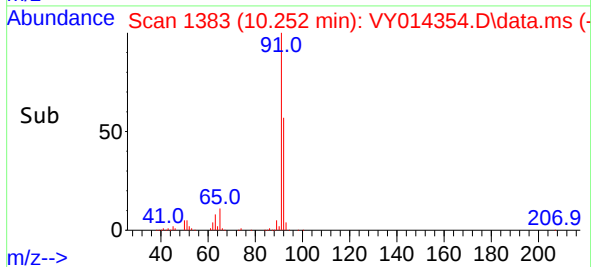
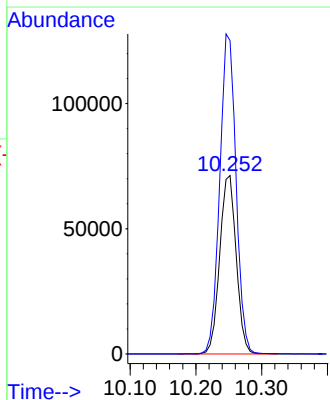
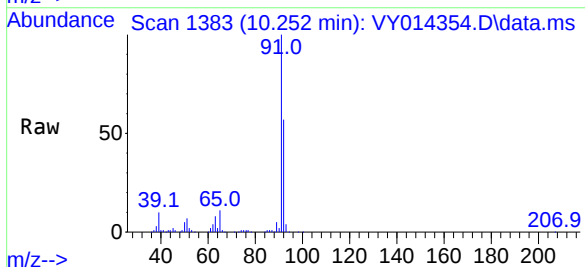
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

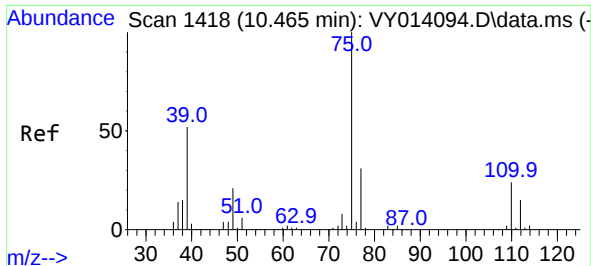
Tgt Ion: 43 Resp: 291149  
Ion Ratio Lower Upper  
43 100  
58 36.8 29.0 43.6



#52  
Toluene  
Concen: 20.424 ug/l  
RT: 10.252 min Scan# 1383  
Delta R.T. 0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 92 Resp: 124195  
Ion Ratio Lower Upper  
92 100  
91 177.6 143.8 215.6

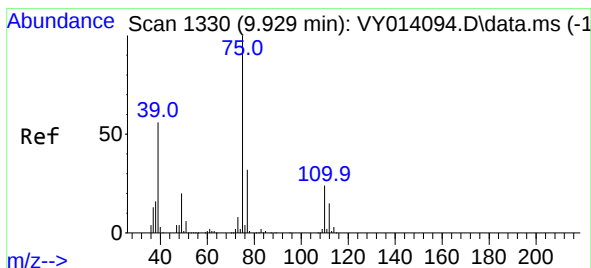
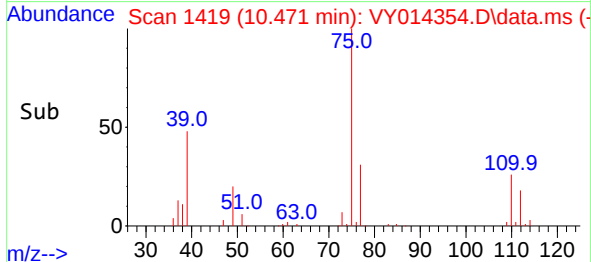
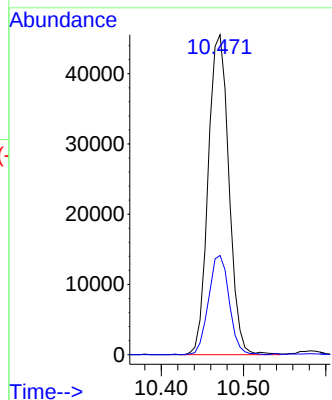
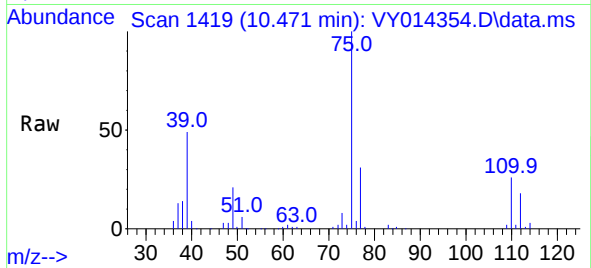




#53  
t-1,3-Dichloropropene  
Concen: 21.087 ug/l  
RT: 10.471 min Scan# 1418  
Delta R.T. 0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

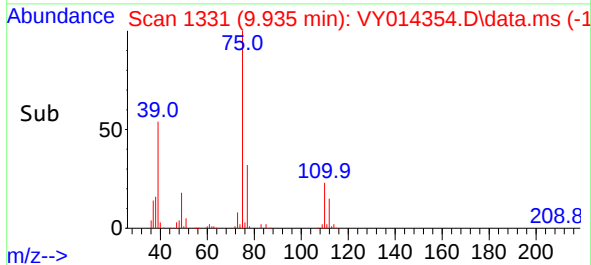
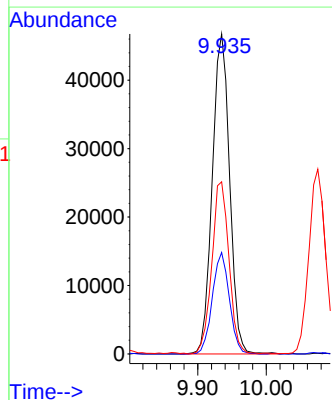
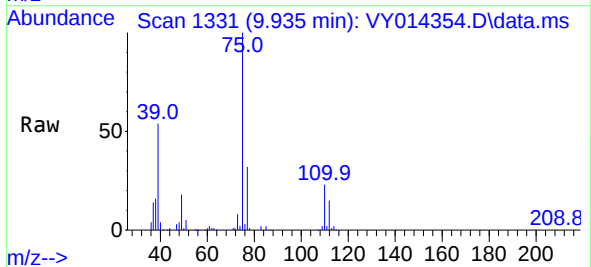
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

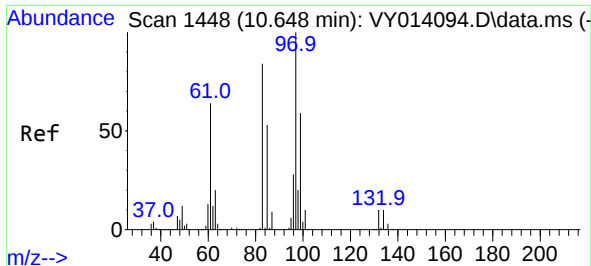
Tgt Ion: 75 Resp: 79715  
Ion Ratio Lower Upper  
75 100  
77 31.0 25.0 37.4



#54  
cis-1,3-Dichloropropene  
Concen: 19.912 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. 0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 75 Resp: 82127  
Ion Ratio Lower Upper  
75 100  
77 31.7 24.2 36.4  
39 53.7 42.2 63.4

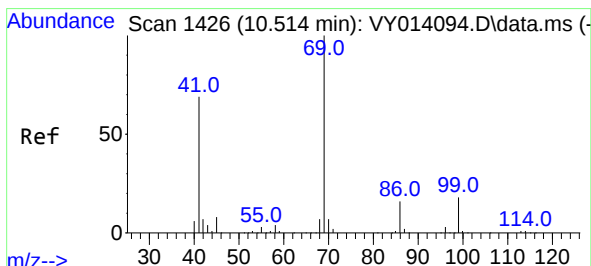
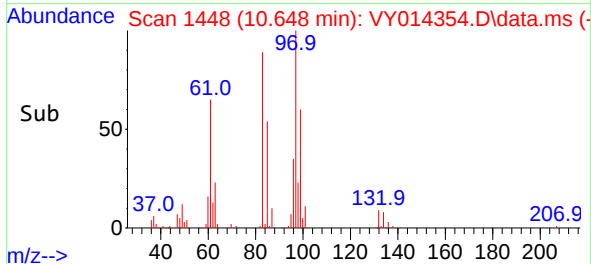
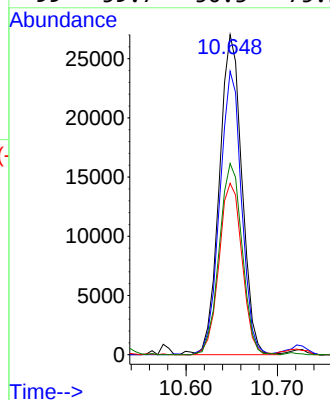
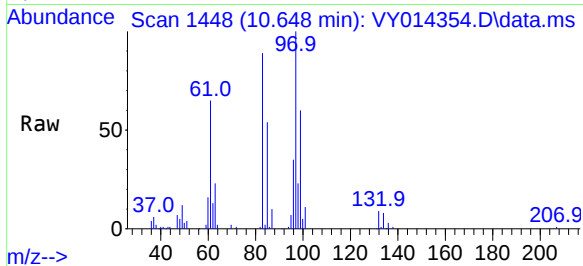




#55  
1,1,2-Trichloroethane  
Concen: 22.820 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

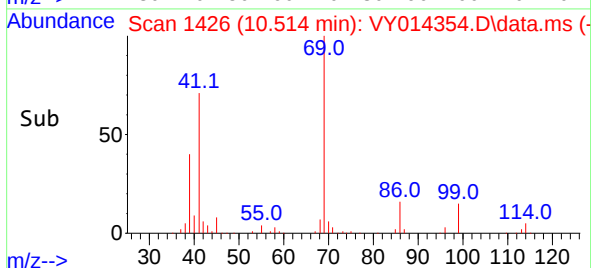
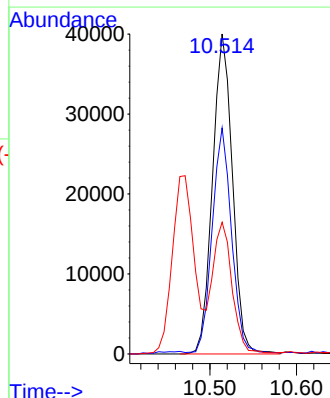
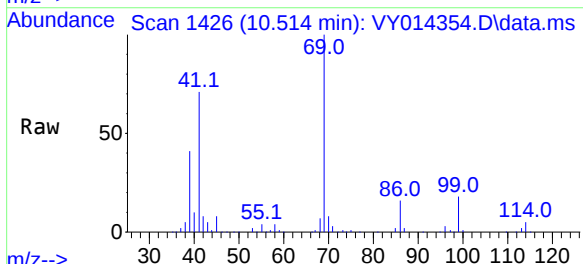
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

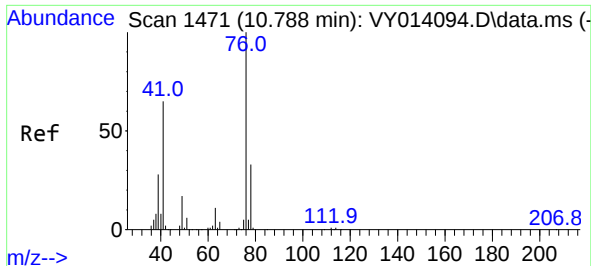
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 46422 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 88.3  | 72.0  | 108.0 |
| 85       | 53.5  | 45.4  | 68.0  |
| 99       | 59.7  | 50.3  | 75.5  |



#56  
Ethyl methacrylate  
Concen: 22.780 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 63918 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 67.7  | 57.6  | 86.4  |
| 39       | 38.5  | 34.1  | 51.1  |





#57

1,3-Dichloropropane

Concen: 21.854 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY014354.D

Acq: 21 Jun 2023 23:30

Instrument :

MSVOA\_Y

ClientSampleId :

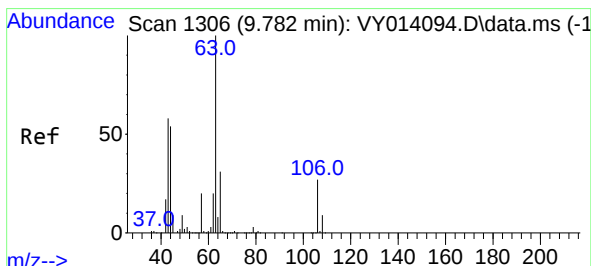
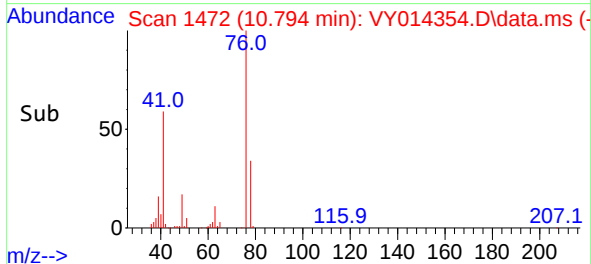
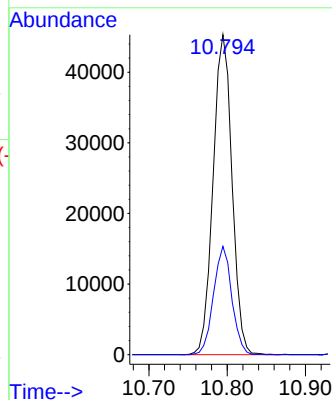
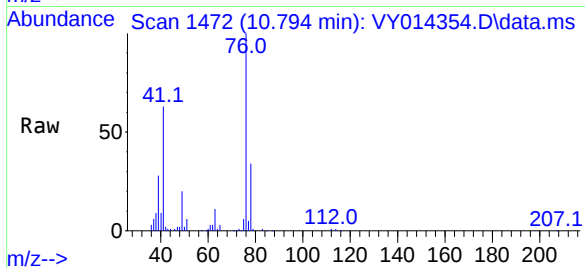
VY0621SBS02

Tgt Ion: 76 Resp: 76035

Ion Ratio Lower Upper

76 100

78 32.8 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 87.774 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.007 min

Lab File: VY014354.D

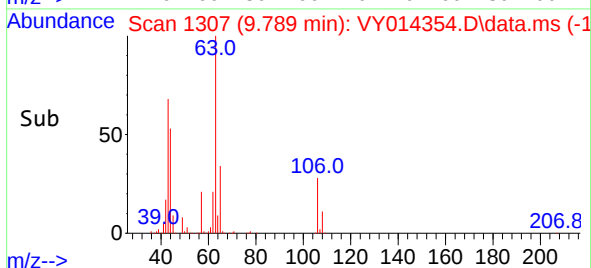
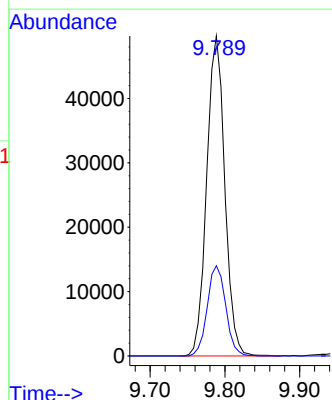
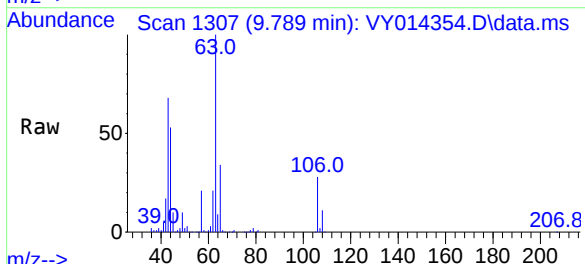
Acq: 21 Jun 2023 23:30

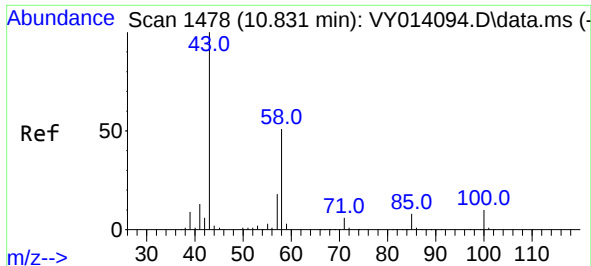
Tgt Ion: 63 Resp: 83755

Ion Ratio Lower Upper

63 100

106 28.7 21.2 31.8

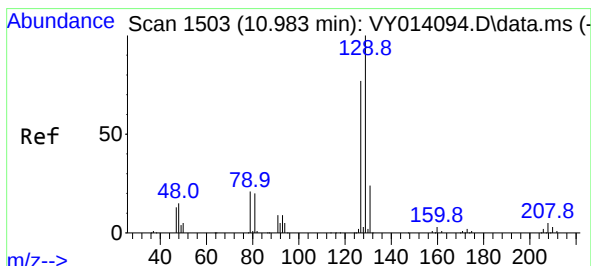
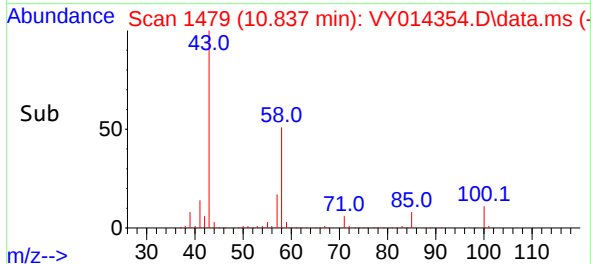
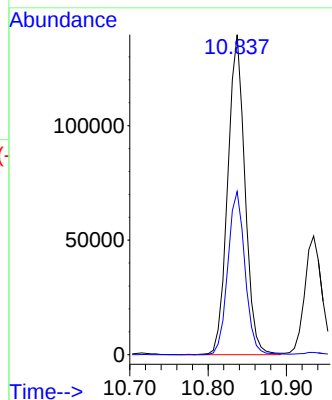
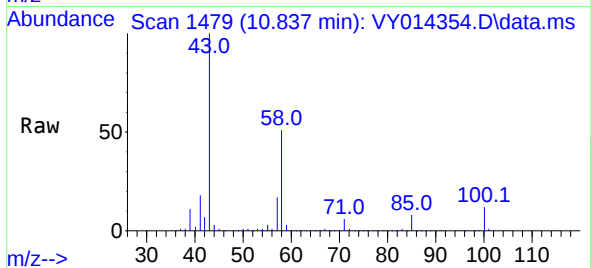




#59  
2-Hexanone  
Concen: 136.259 ug/l  
RT: 10.837 min Scan# 1478  
Delta R.T. 0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

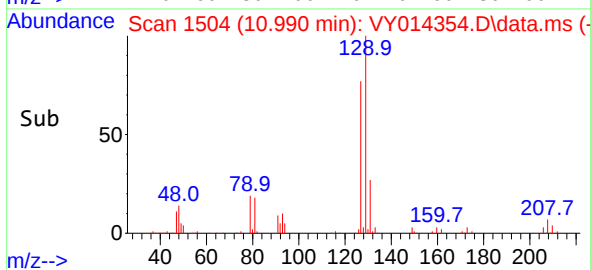
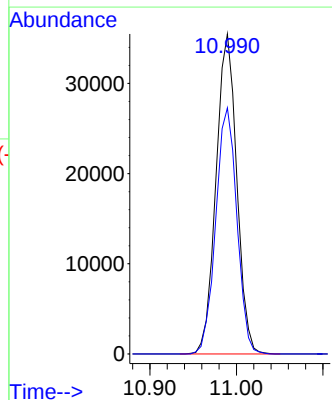
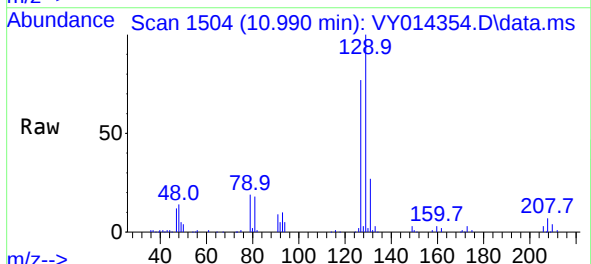
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

Tgt Ion: 43 Resp: 213297  
Ion Ratio Lower Upper  
43 100  
58 50.9 25.1 75.3



#60  
Dibromochloromethane  
Concen: 22.653 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. 0.007 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 129 Resp: 58979  
Ion Ratio Lower Upper  
129 100  
127 78.4 38.5 115.5

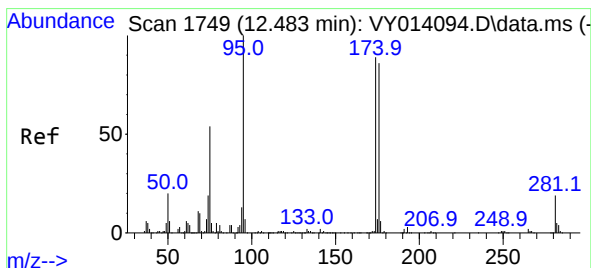
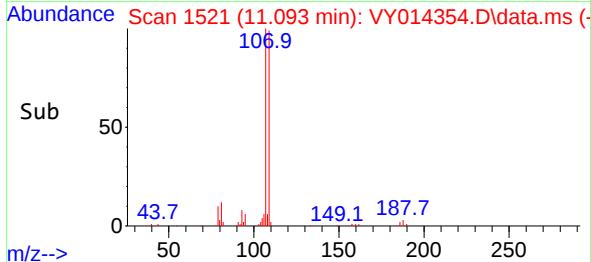
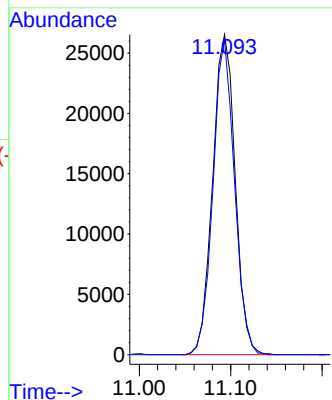
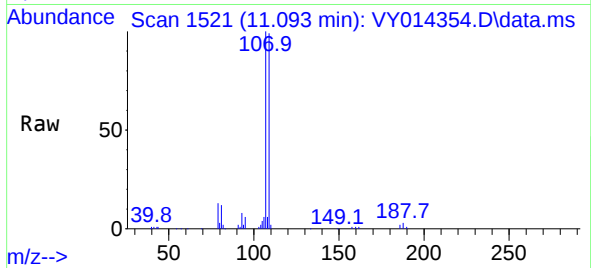




#61  
1,2-Dibromoethane  
Concen: 22.575 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

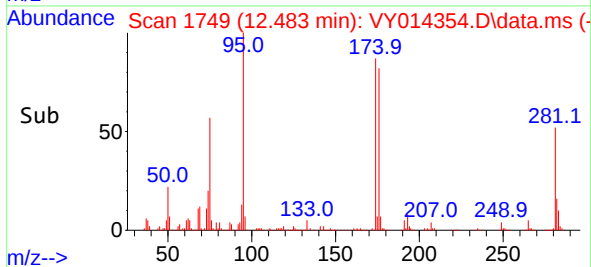
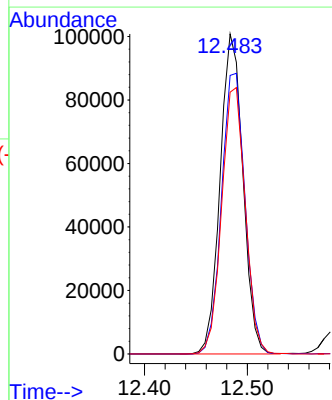
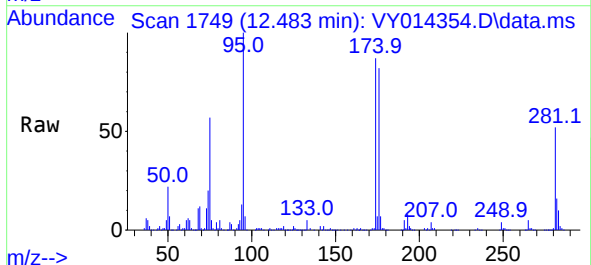
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

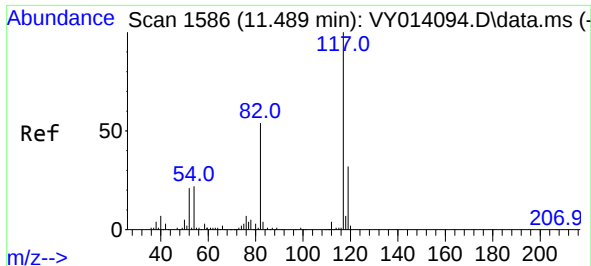
Tgt Ion:107 Resp: 45322  
Ion Ratio Lower Upper  
107 100  
109 94.0 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 55.069 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 95 Resp: 154750  
Ion Ratio Lower Upper  
95 100  
174 90.7 0.0 178.2  
176 86.4 0.0 173.8

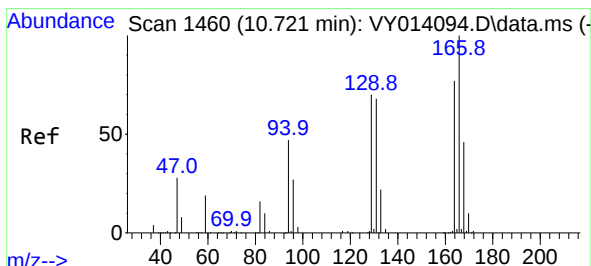
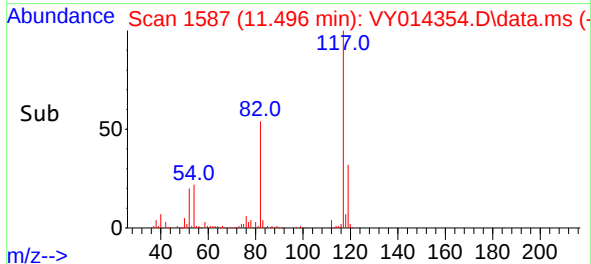
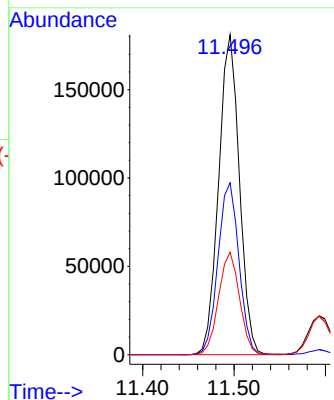
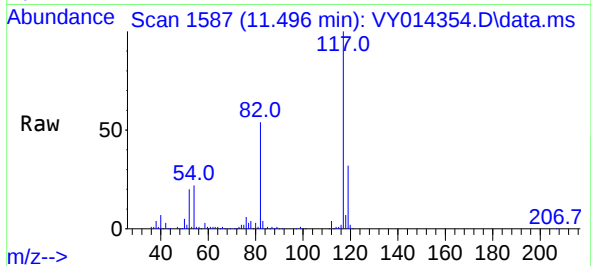




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 117  
Delta R.T. 0.007 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

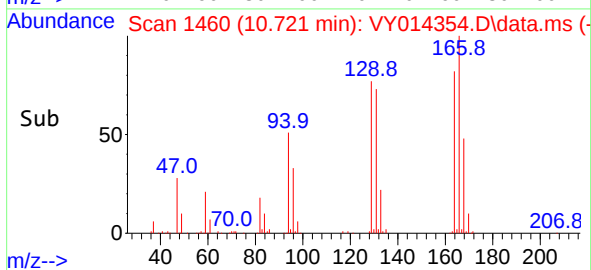
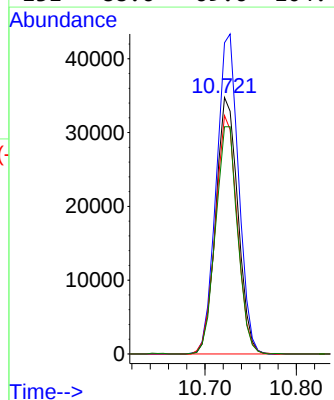
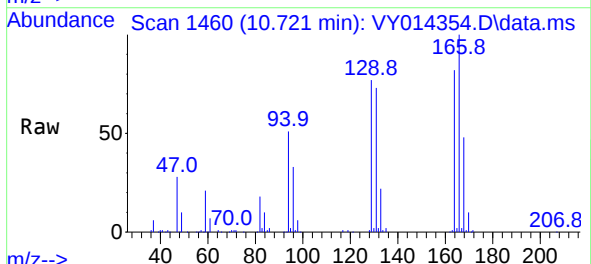
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

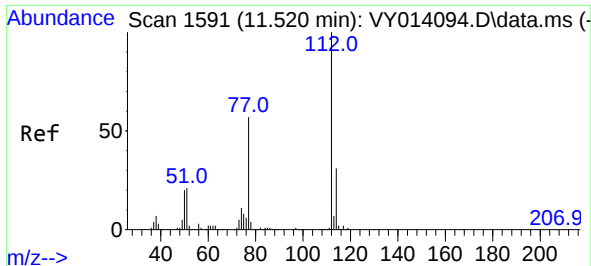
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 286148 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 53.7  | 43.4  | 65.0   |
| 119      | 32.0  | 26.3  | 39.5   |



#64  
Tetrachloroethene  
Concen: 23.968 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 58459 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 121.3 | 103.0 | 154.6 |
| 129      | 93.0  | 77.2  | 115.8 |
| 131      | 88.6  | 69.6  | 104.4 |

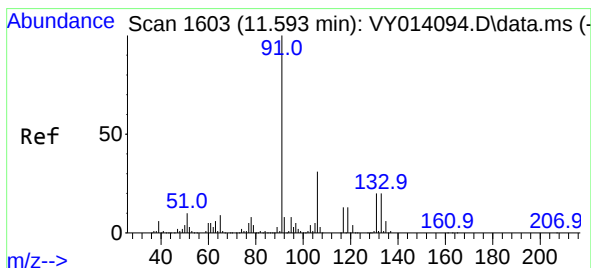
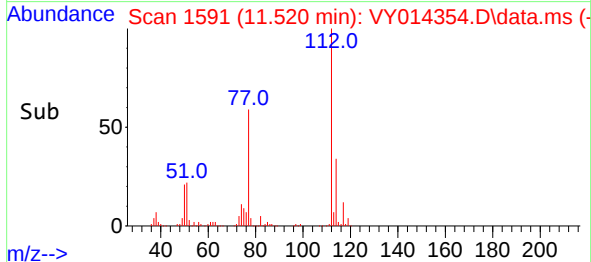
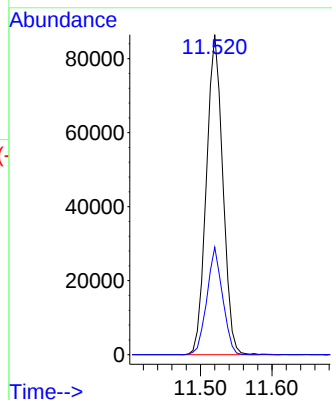
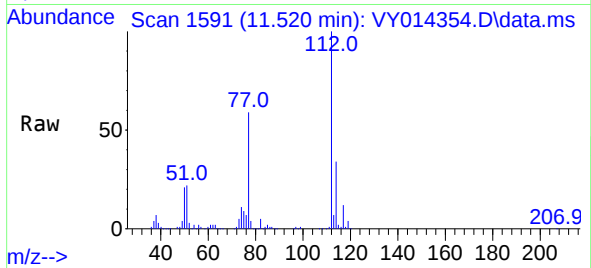




#65  
Chlorobenzene  
Concen: 20.070 ug/l  
RT: 11.520 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

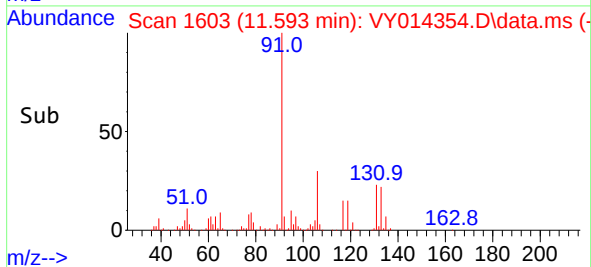
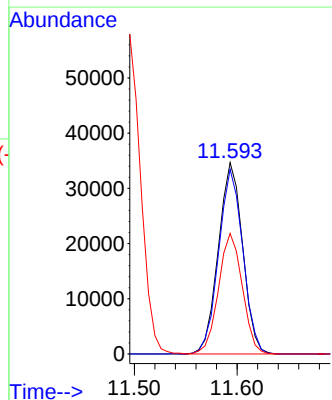
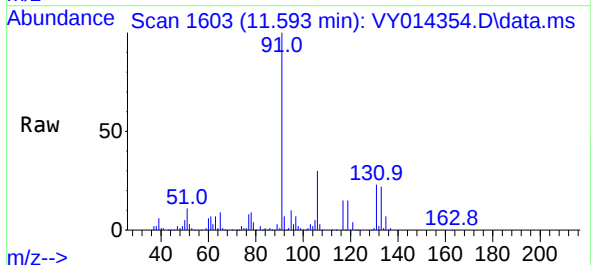
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

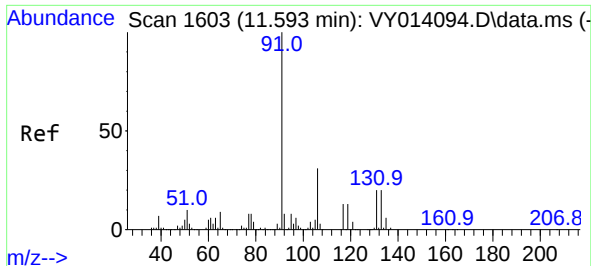
Tgt Ion:112 Resp: 137993  
Ion Ratio Lower Upper  
112 100  
114 33.6 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.999 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion:131 Resp: 56788  
Ion Ratio Lower Upper  
131 100  
133 96.3 47.5 142.6  
119 61.7 31.6 94.7





#67

Ethyl Benzene

Concen: 19.802 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014354.D

Acq: 21 Jun 2023 23:30

Instrument :

MSVOA\_Y

ClientSampleId :

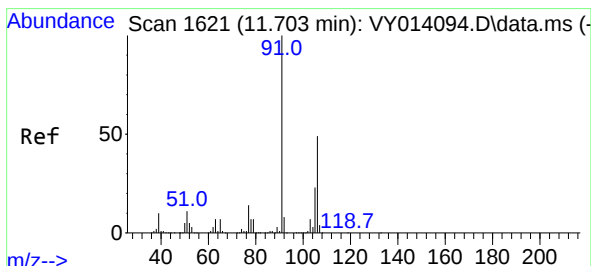
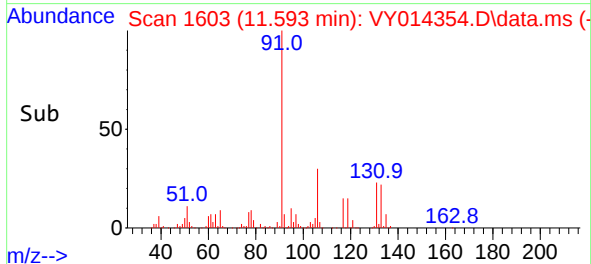
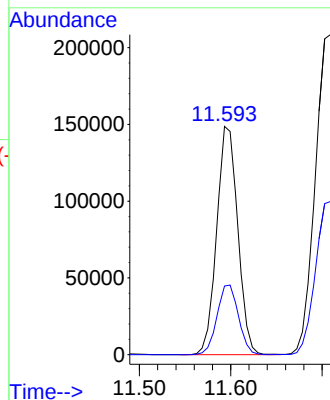
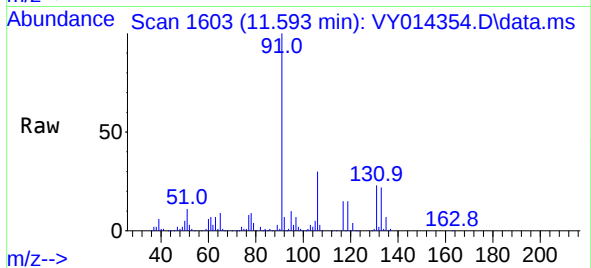
VY0621SBS02

Tgt Ion: 91 Resp: 238315

Ion Ratio Lower Upper

91 100

106 30.1 24.6 36.8



#68

m/p-Xylenes

Concen: 40.071 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY014354.D

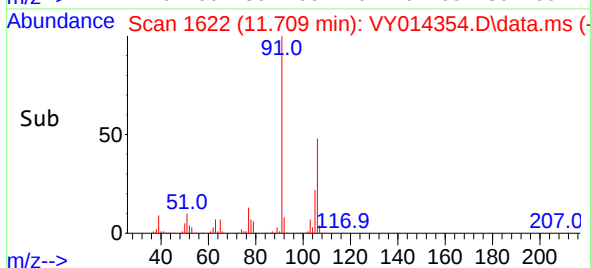
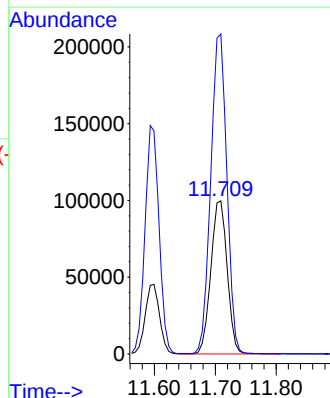
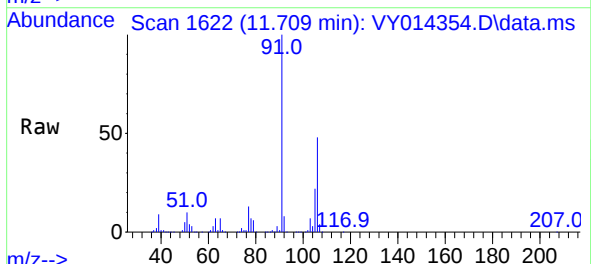
Acq: 21 Jun 2023 23:30

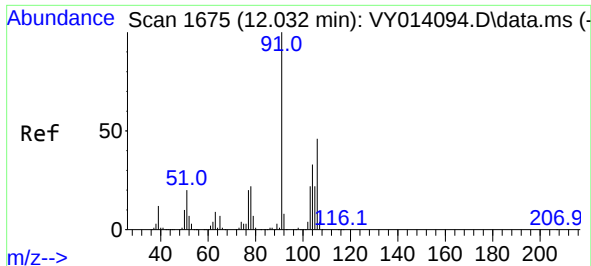
Tgt Ion: 106 Resp: 185497

Ion Ratio Lower Upper

106 100

91 206.2 166.1 249.1

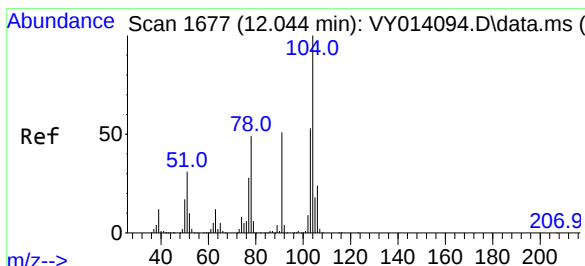
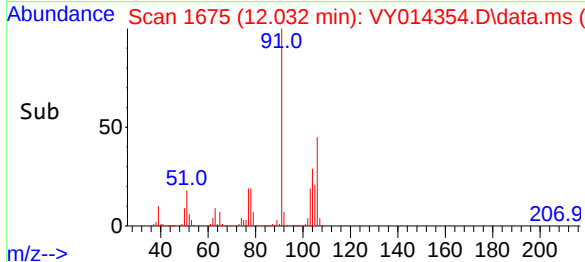
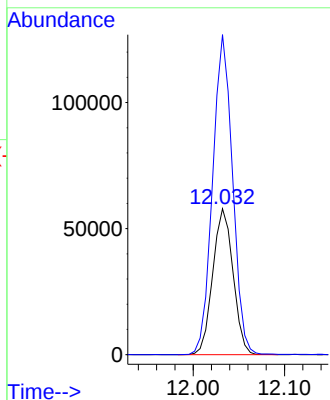
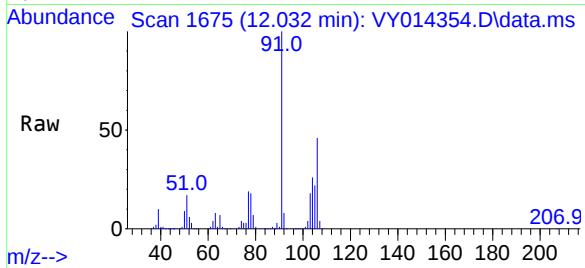




#69  
o-Xylene  
Concen: 20.411 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

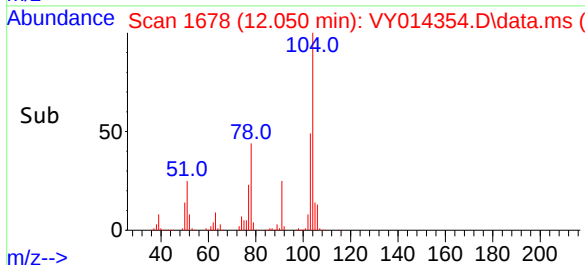
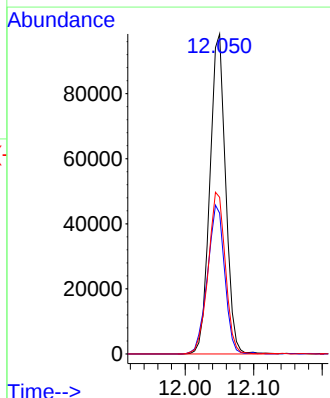
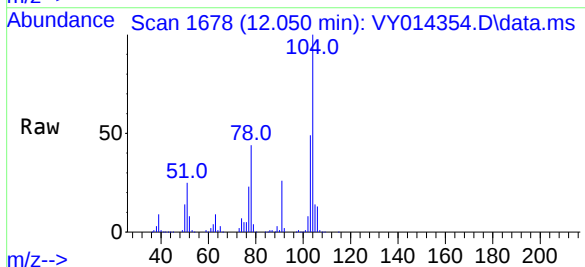
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

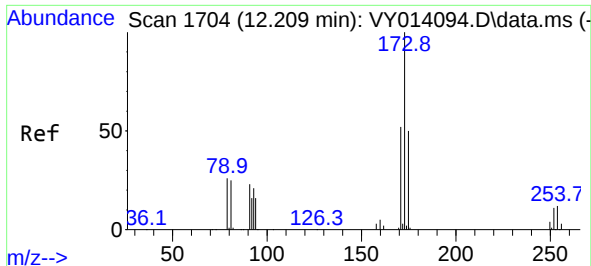
Tgt Ion:106 Resp: 89330  
Ion Ratio Lower Upper  
106 100  
91 215.5 108.1 324.3



#70  
Styrene  
Concen: 21.015 ug/l  
RT: 12.050 min Scan# 1678  
Delta R.T. 0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion:104 Resp: 156978  
Ion Ratio Lower Upper  
104 100  
78 50.7 41.5 62.3  
103 55.2 44.6 67.0

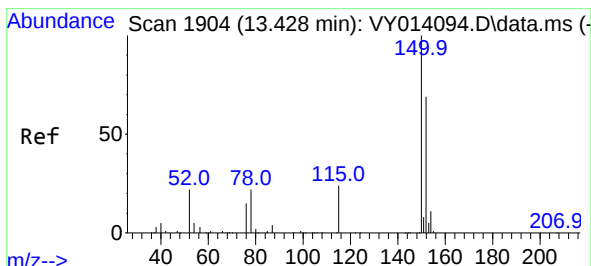
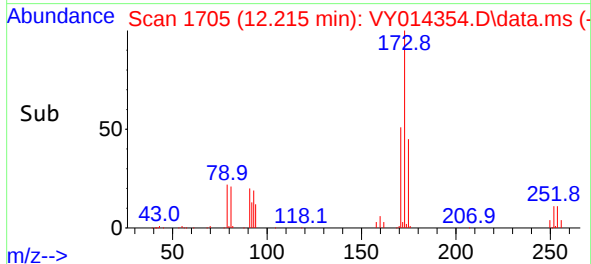
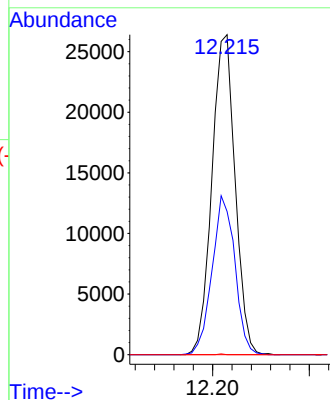
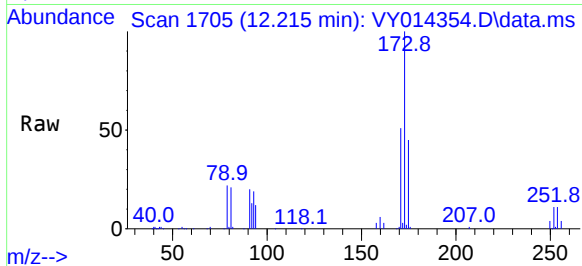




#71  
Bromoform  
Concen: 23.737 ug/l  
RT: 12.215 min Scan# 1705  
Delta R.T. 0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

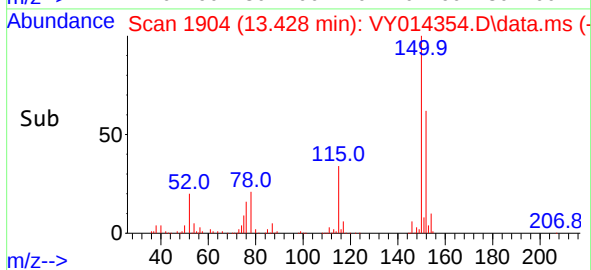
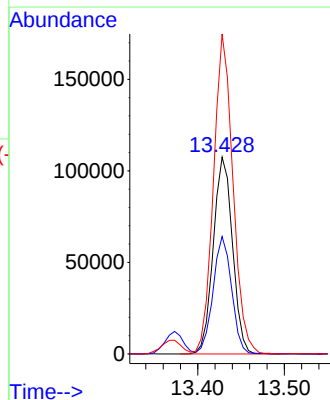
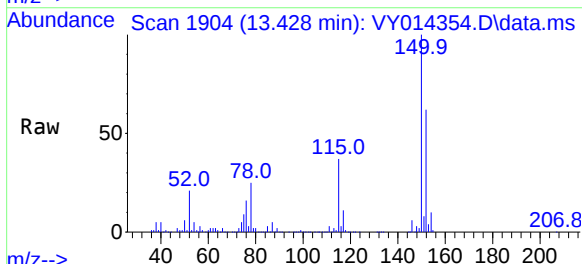
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

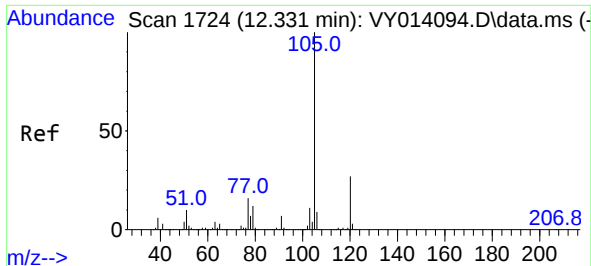
Tgt Ion:173 Resp: 43963  
Ion Ratio Lower Upper  
173 100  
175 48.6 24.6 73.8  
254 0.1 0.2 0.2#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion:152 Resp: 165813  
Ion Ratio Lower Upper  
152 100  
115 57.3 28.8 86.5  
150 164.8 0.0 348.8

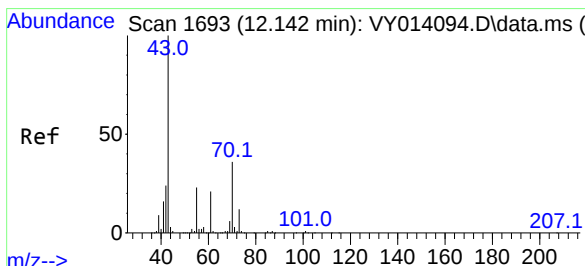
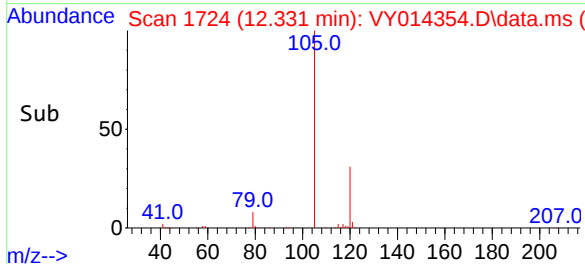
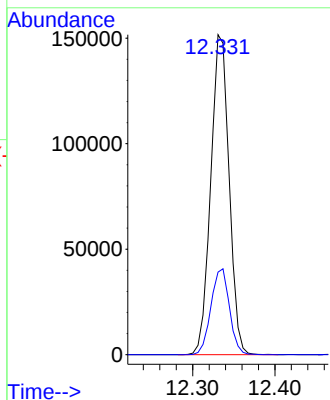
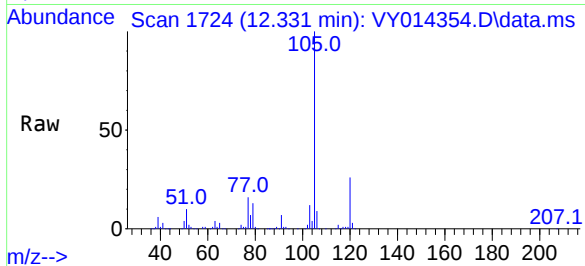




#73  
Isopropylbenzene  
Concen: 18.556 ug/l  
RT: 12.331 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

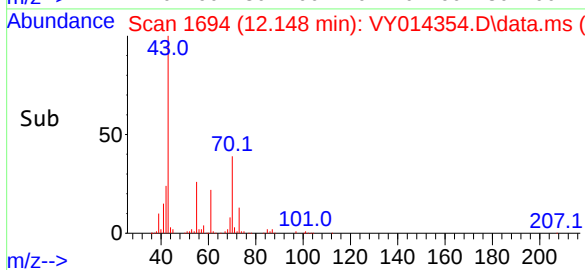
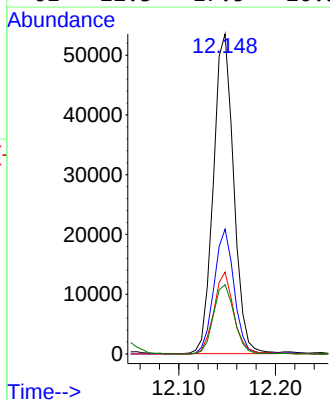
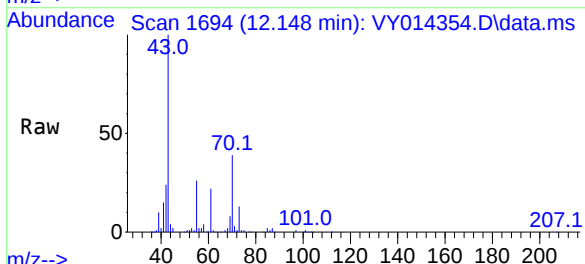
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

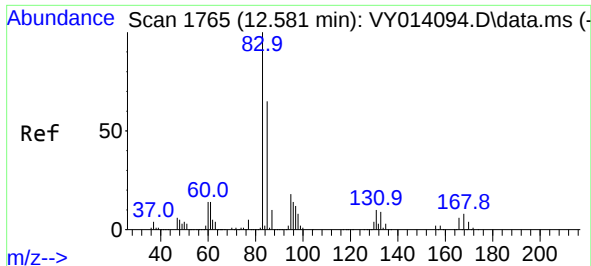
Tgt Ion:105 Resp: 234717  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.3 39.9



#74  
N-ethyl acetate  
Concen: 19.456 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. 0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 43 Resp: 77987  
Ion Ratio Lower Upper  
43 100  
70 38.7 29.7 44.5  
55 25.3 18.3 27.5  
61 22.3 17.5 26.3

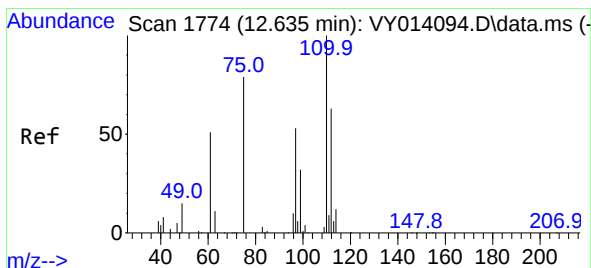
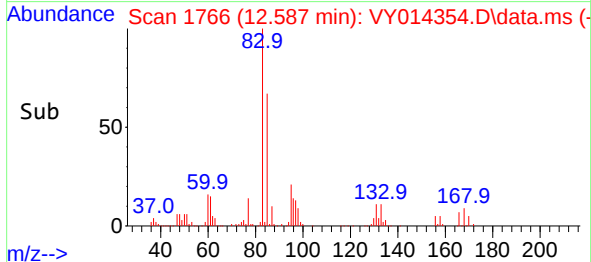
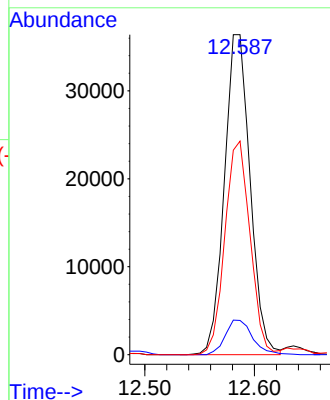
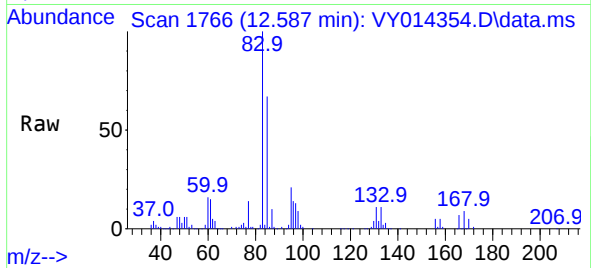




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.997 ug/l  
RT: 12.587 min Scan# 1765  
Delta R.T. 0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

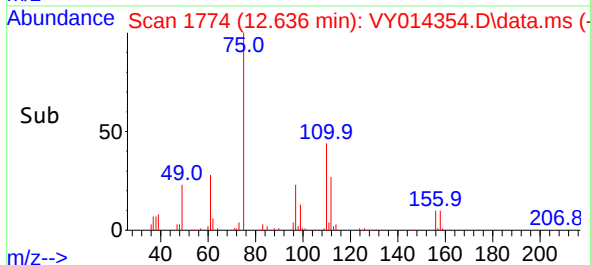
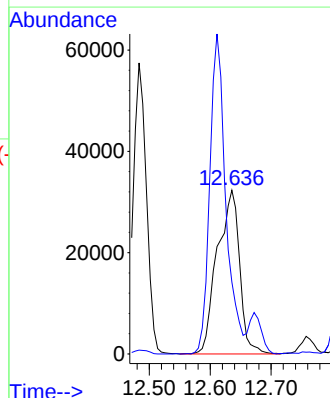
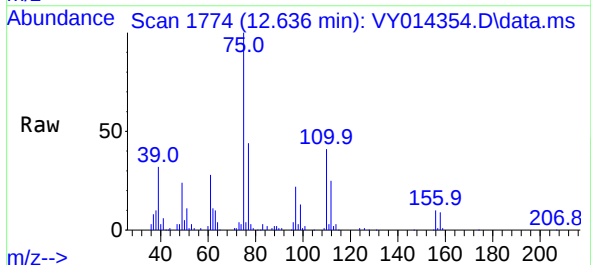
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

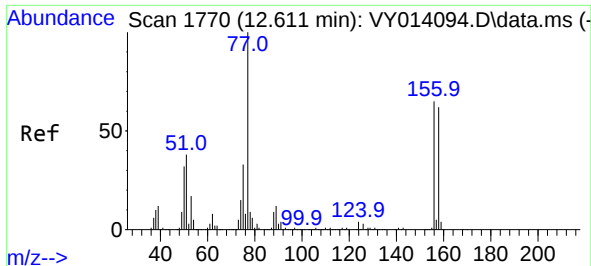
Tgt Ion: 83 Resp: 59347  
Ion Ratio Lower Upper  
83 100  
131 11.5 5.4 16.2  
85 65.6 31.8 95.4



#76  
1,2,3-Trichloropropane  
Concen: 37.915 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.001 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 75 Resp: 82482  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

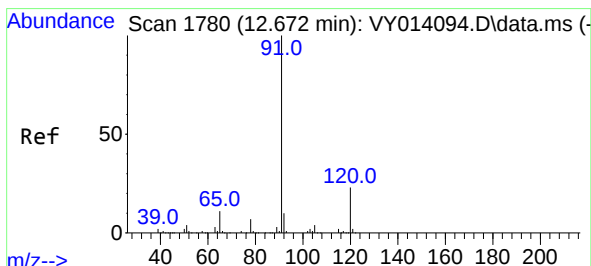
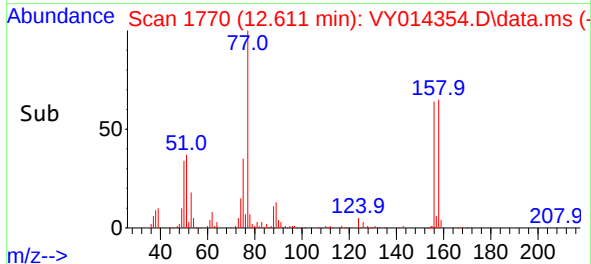
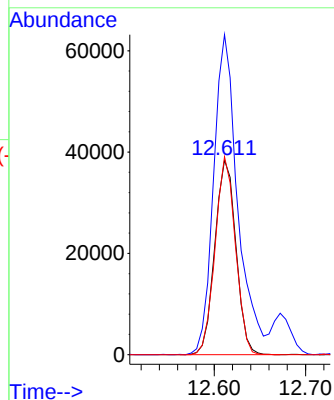
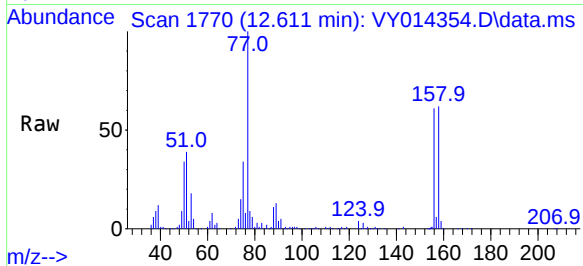




#77  
Bromobenzene  
Concen: 18.562 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

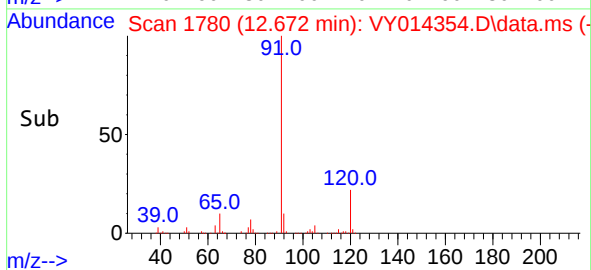
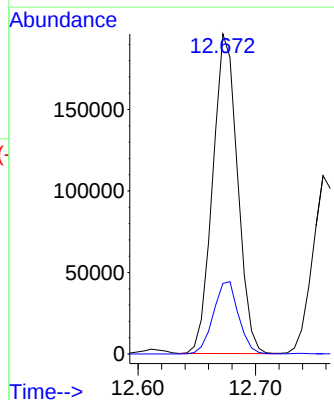
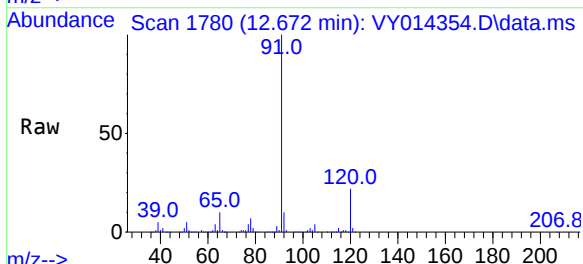
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

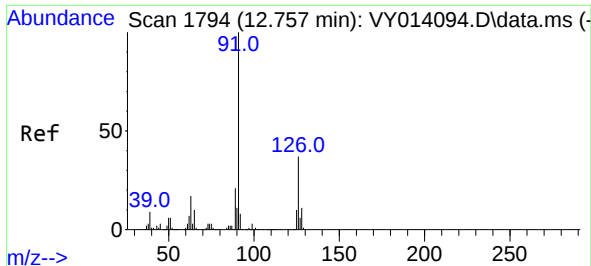
Tgt Ion:156 Resp: 61710  
Ion Ratio Lower Upper  
156 100  
77 187.0 92.8 278.6  
158 98.0 48.4 145.3



#78  
n-propylbenzene  
Concen: 18.656 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 91 Resp: 288232  
Ion Ratio Lower Upper  
91 100  
120 22.9 11.5 34.4

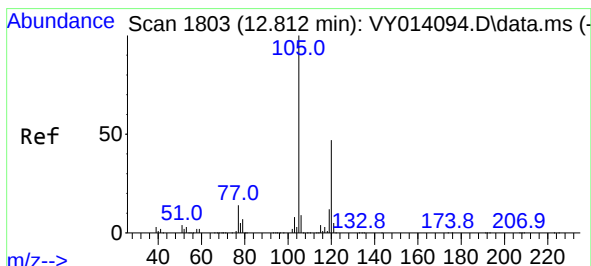
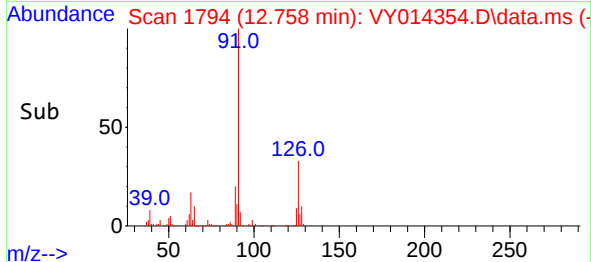
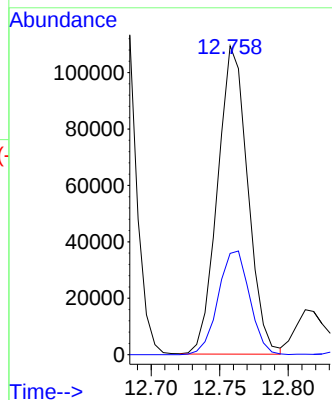
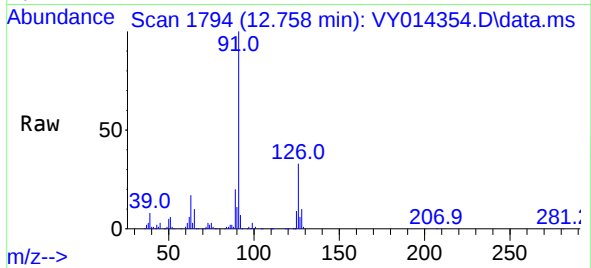




#79  
2-Chlorotoluene  
Concen: 18.856 ug/l  
RT: 12.758 min Scan# 1  
Delta R.T. 0.001 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

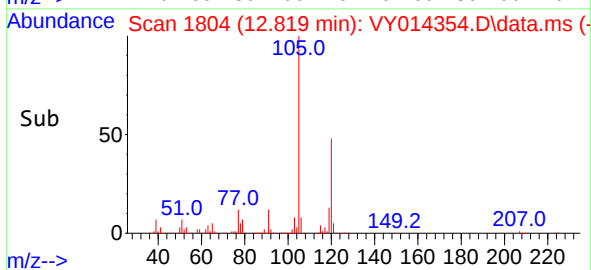
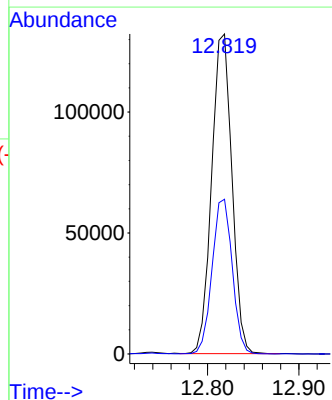
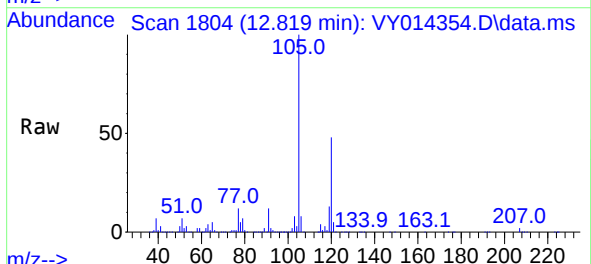
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

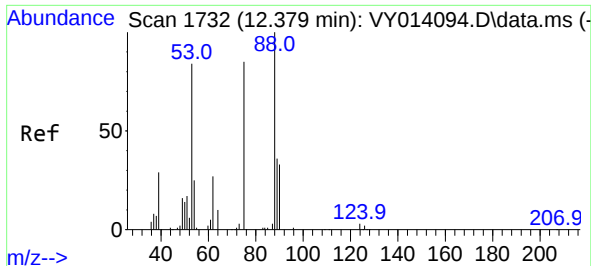
Tgt Ion: 91 Resp: 167628  
Ion Ratio Lower Upper  
91 100  
126 35.0 17.3 51.7



#80  
1,3,5-Trimethylbenzene  
Concen: 18.798 ug/l  
RT: 12.819 min Scan# 1804  
Delta R.T. 0.007 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 105 Resp: 203595  
Ion Ratio Lower Upper  
105 100  
120 48.1 23.9 71.7

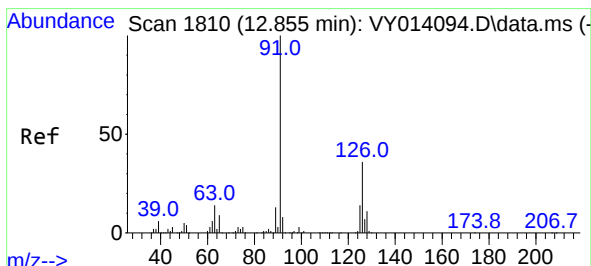
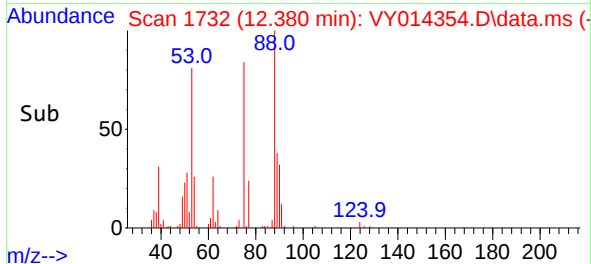
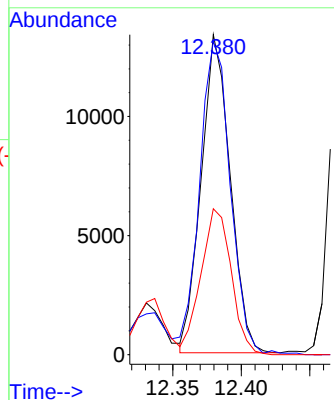
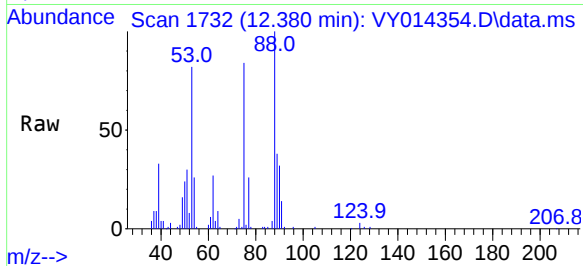




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.551 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.001 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

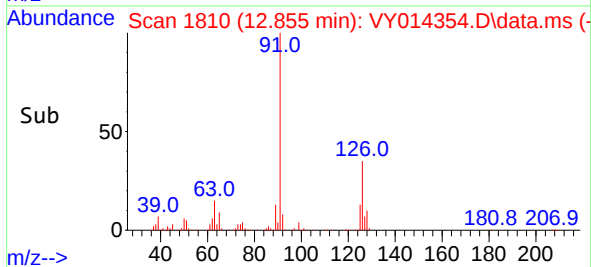
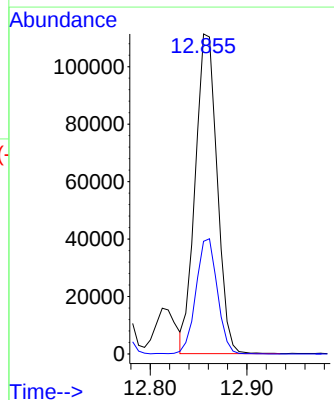
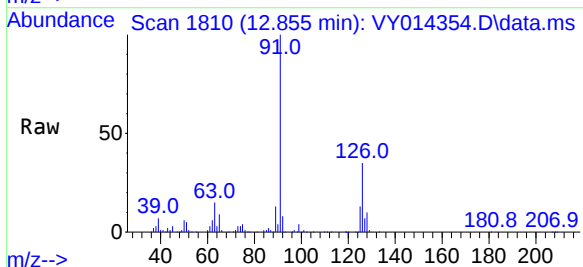
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

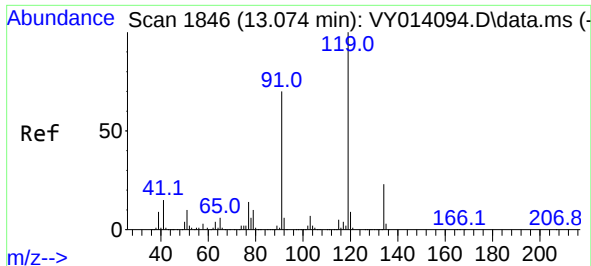
Tgt Ion: 75 Resp: 19676  
Ion Ratio Lower Upper  
75 100  
53 105.3 77.8 116.8  
89 48.1 37.4 56.0



#82  
4-Chlorotoluene  
Concen: 18.553 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 91 Resp: 174782  
Ion Ratio Lower Upper  
91 100  
126 35.3 17.2 51.6



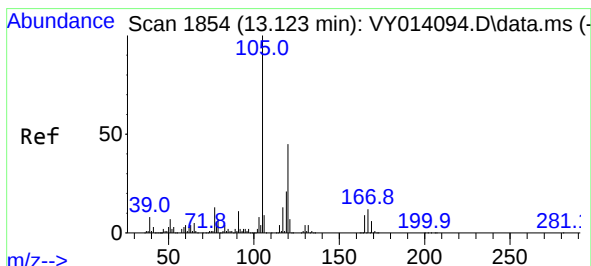
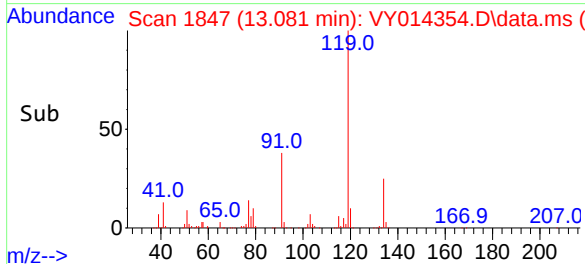
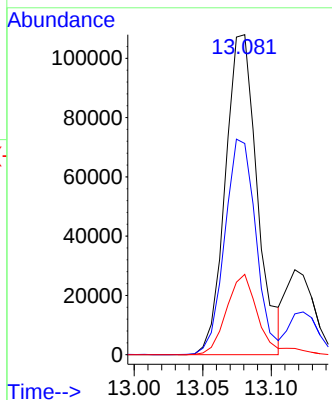
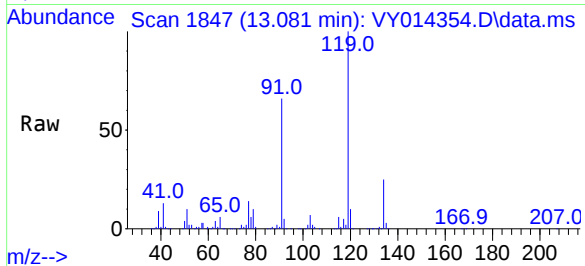


#83  
tert-Butylbenzene  
Concen: 19.004 ug/l  
RT: 13.081 min Scan# 1846  
Delta R.T. 0.007 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

Tgt Ion:119 Resp: 174910

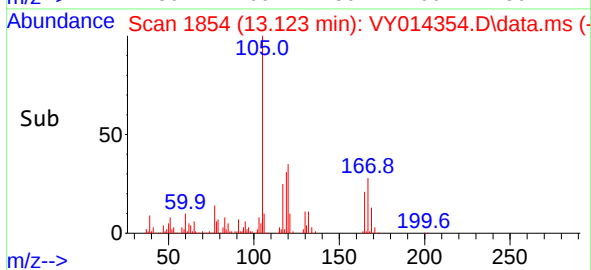
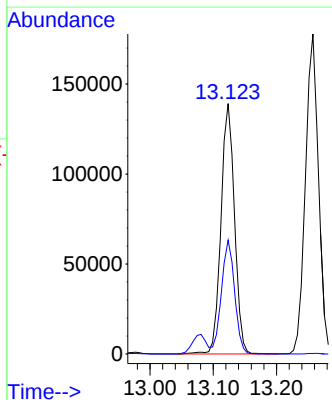
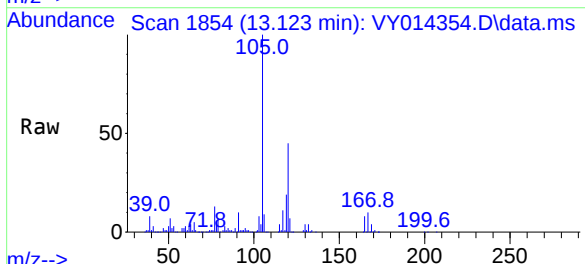
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 119 | 100   |       |       |
| 91  | 65.8  | 32.9  | 98.6  |
| 134 | 25.3  | 13.0  | 38.9  |

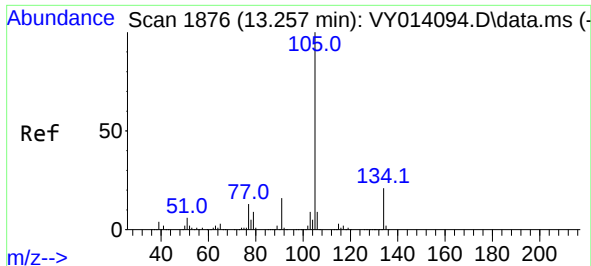


#84  
1,2,4-Trimethylbenzene  
Concen: 19.178 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion:105 Resp: 205615

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 44.5  | 22.2  | 66.6  |

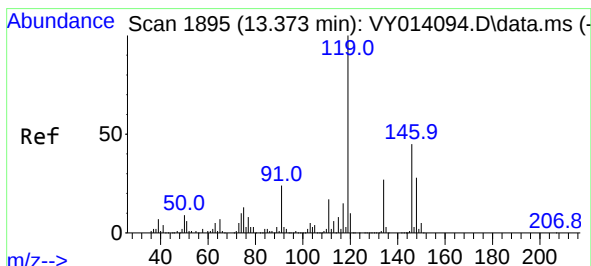
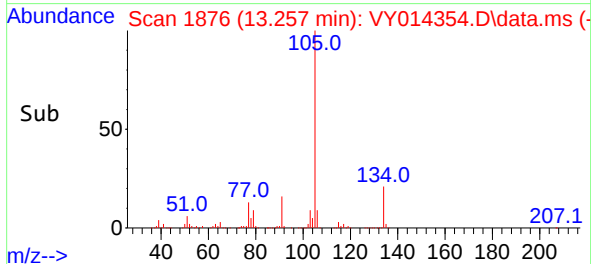
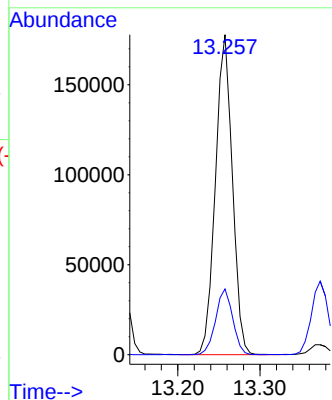
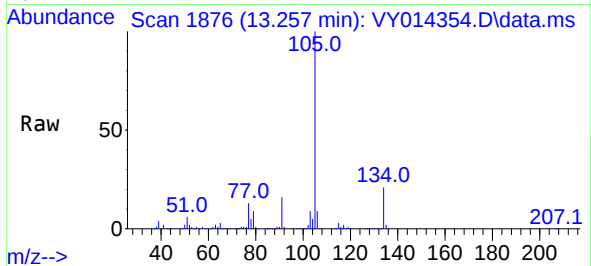




#85  
sec-Butylbenzene  
Concen: 19.032 ug/l  
RT: 13.257 min Scan# 1876  
Delta R.T. 0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

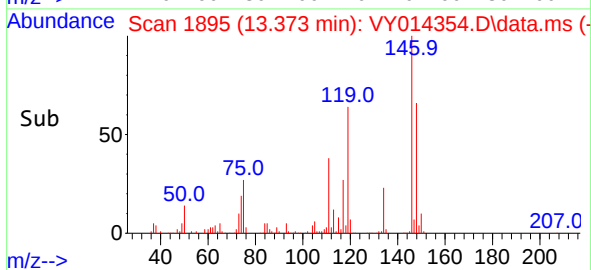
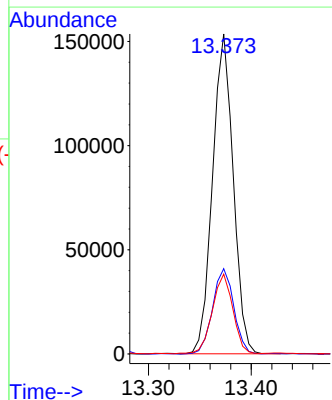
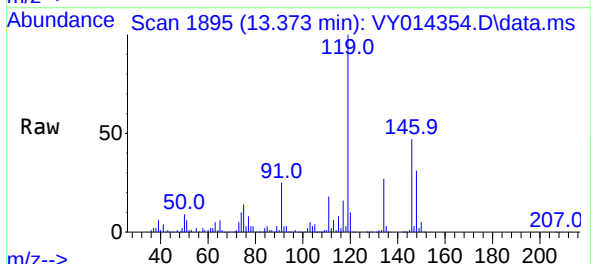
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

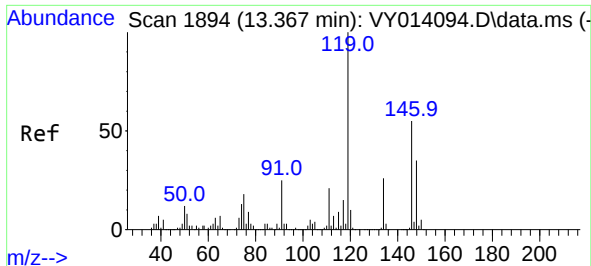
Tgt Ion:105 Resp: 254681  
Ion Ratio Lower Upper  
105 100  
134 20.7 10.2 30.6



#86  
p-Isopropyltoluene  
Concen: 18.674 ug/l  
RT: 13.373 min Scan# 1895  
Delta R.T. 0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion:119 Resp: 213864  
Ion Ratio Lower Upper  
119 100  
134 27.4 13.3 39.8  
91 24.8 12.4 37.4

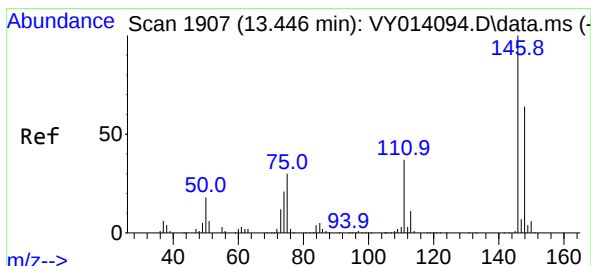
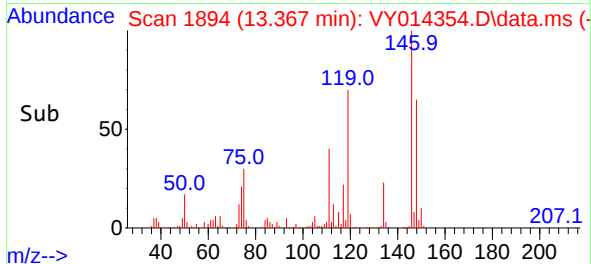
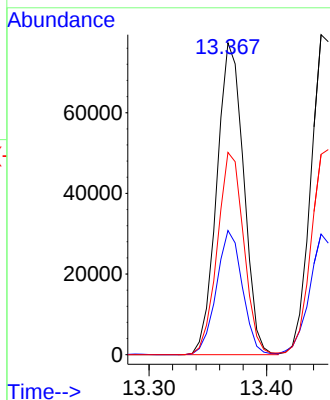
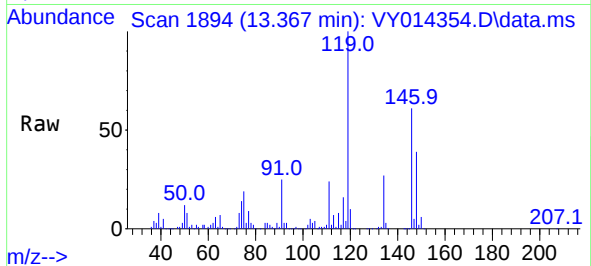




#87  
1,3-Dichlorobenzene  
Concen: 19.328 ug/l  
RT: 13.367 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

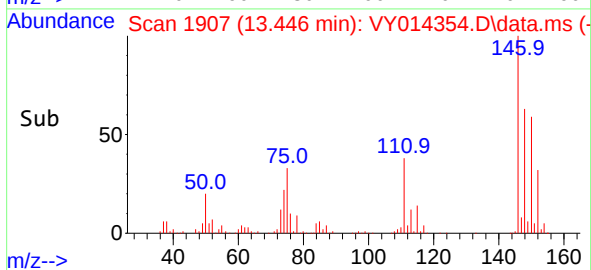
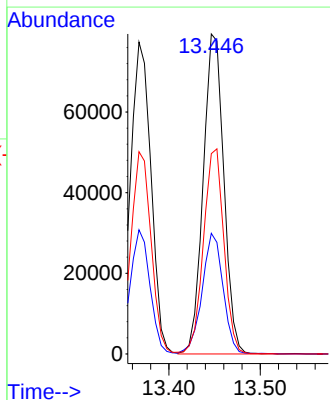
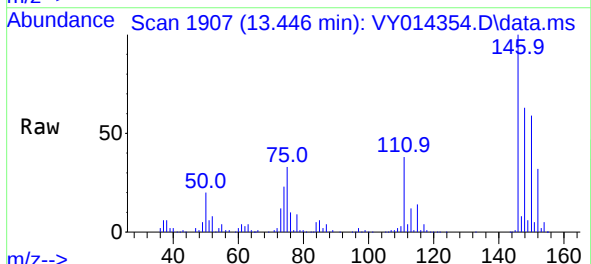
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

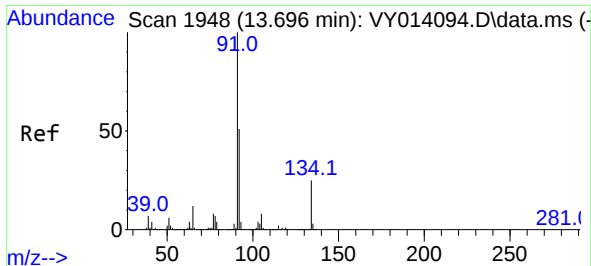
Tgt Ion:146 Resp: 122688  
Ion Ratio Lower Upper  
146 100  
111 38.6 19.4 58.2  
148 63.8 31.9 95.5



#88  
1,4-Dichlorobenzene  
Concen: 19.426 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion:146 Resp: 124238  
Ion Ratio Lower Upper  
146 100  
111 37.9 18.9 56.7  
148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 18.562 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014354.D

Acq: 21 Jun 2023 23:30

Instrument :

MSVOA\_Y

ClientSampleId :

VY0621SBS02

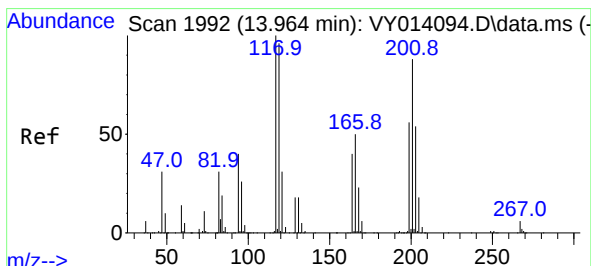
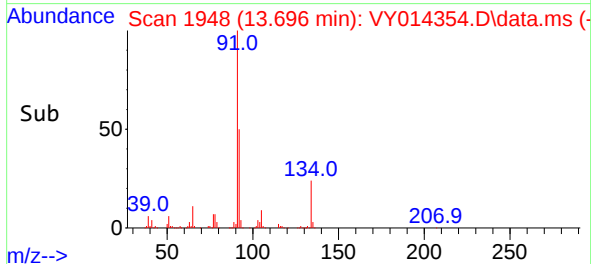
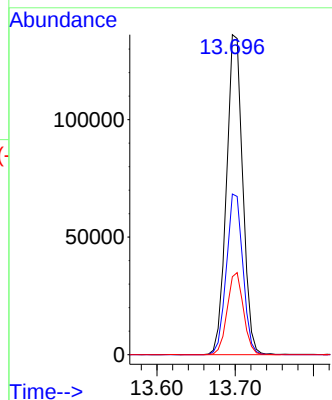
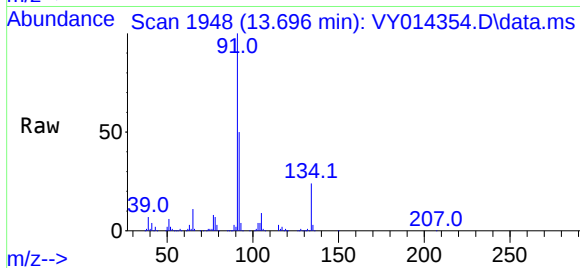
Tgt Ion: 91 Resp: 197167

Ion Ratio Lower Upper

91 100

92 50.8 25.4 76.0

134 25.6 12.6 37.6



#90

Hexachloroethane

Concen: 19.621 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.001 min

Lab File: VY014354.D

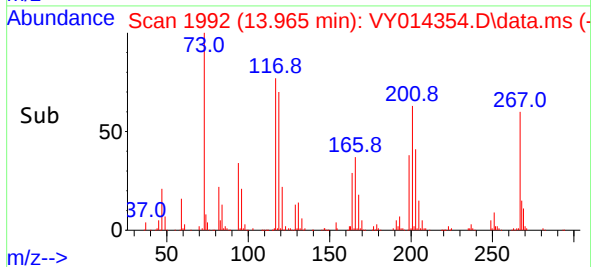
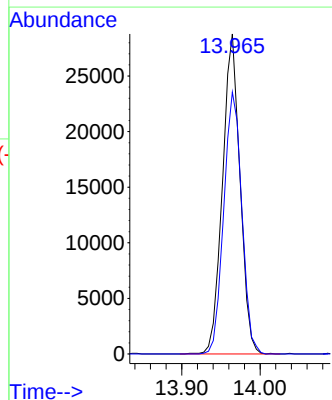
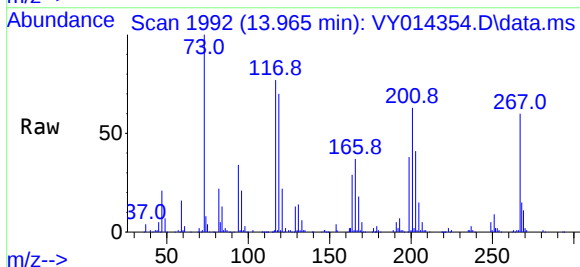
Acq: 21 Jun 2023 23:30

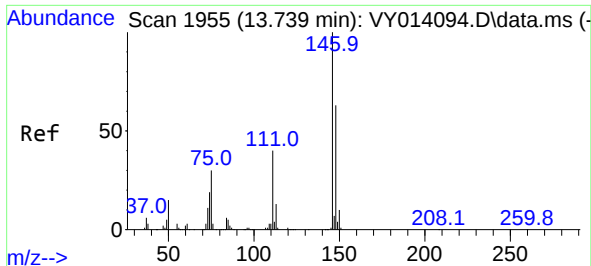
Tgt Ion: 117 Resp: 44775

Ion Ratio Lower Upper

117 100

201 84.2 41.6 124.8

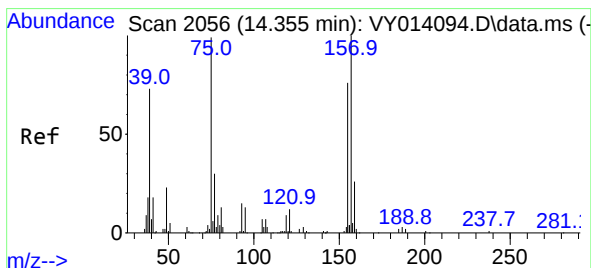
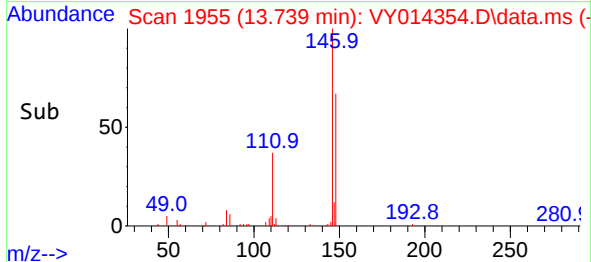
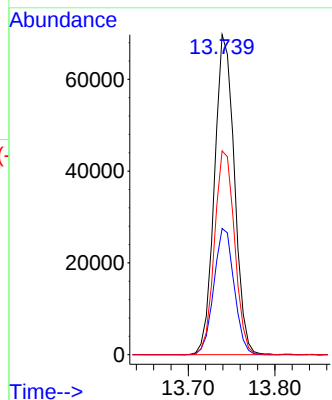
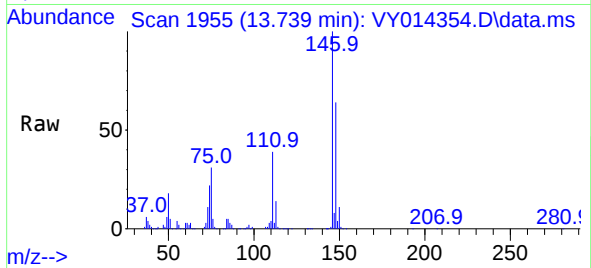




#91  
1,2-Dichlorobenzene  
Concen: 19.537 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

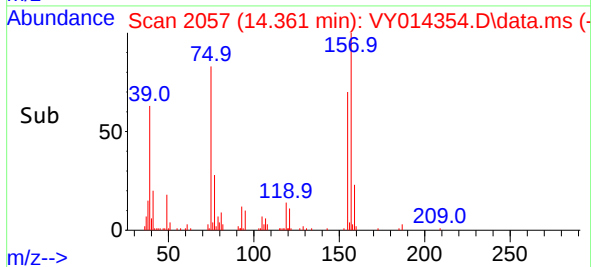
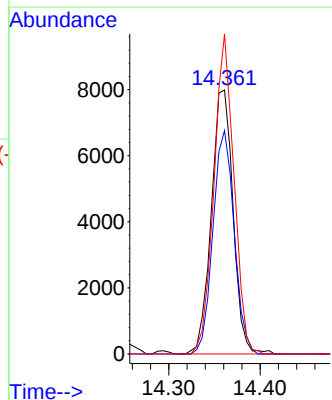
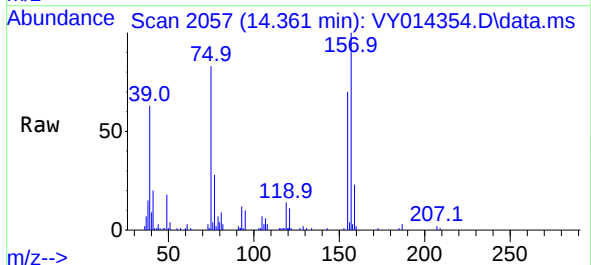
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

Tgt Ion:146 Resp: 111384  
Ion Ratio Lower Upper  
146 100  
111 40.2 19.7 59.0  
148 64.3 32.0 96.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 24.534 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. 0.006 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion: 75 Resp: 13205  
Ion Ratio Lower Upper  
75 100  
155 82.3 41.5 124.6  
157 111.4 51.8 155.5

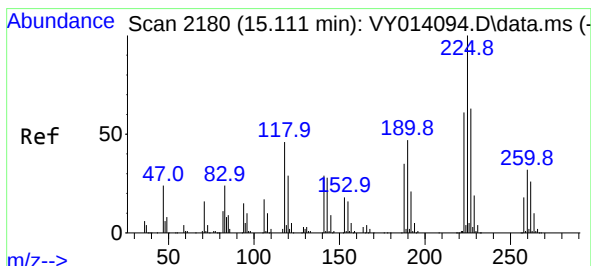
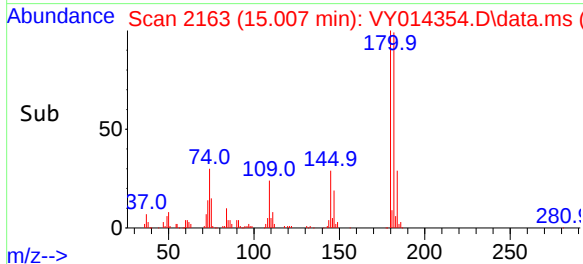
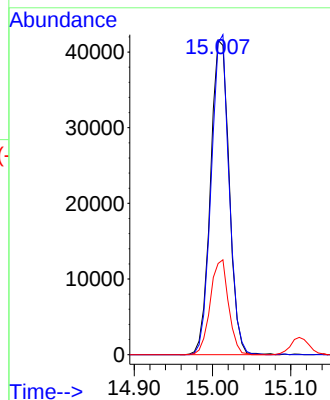
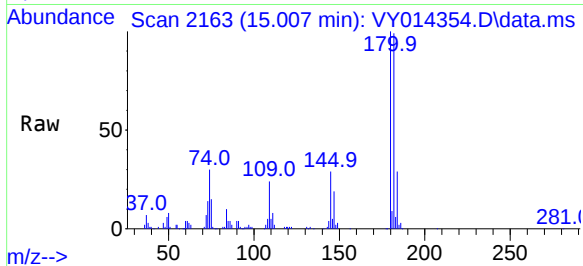




#93  
1,2,4-Trichlorobenzene  
Concen: 19.018 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

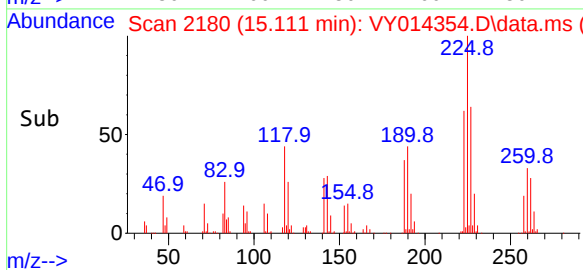
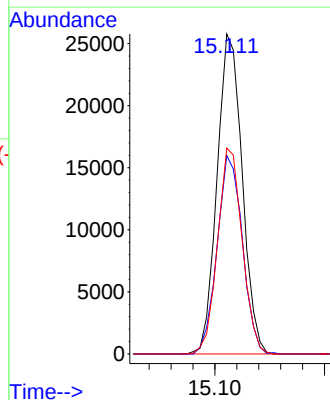
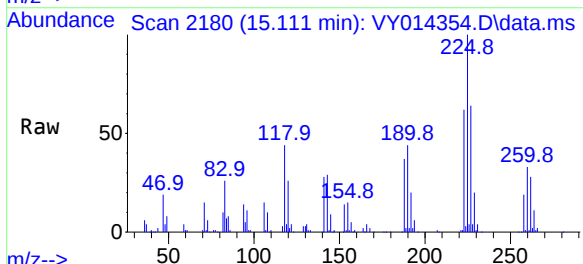
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

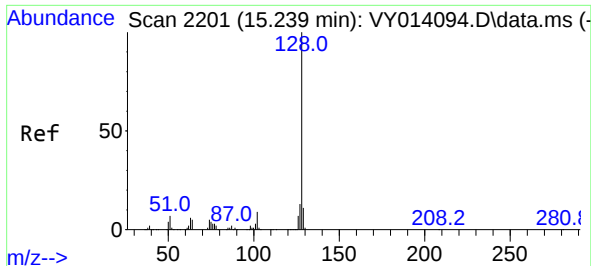
Tgt Ion:180 Resp: 68685  
Ion Ratio Lower Upper  
180 100  
182 97.0 47.0 141.2  
145 29.6 14.5 43.5



#94  
Hexachlorobutadiene  
Concen: 19.668 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion:225 Resp: 41009  
Ion Ratio Lower Upper  
225 100  
223 62.3 31.9 95.9  
227 63.0 33.0 98.9

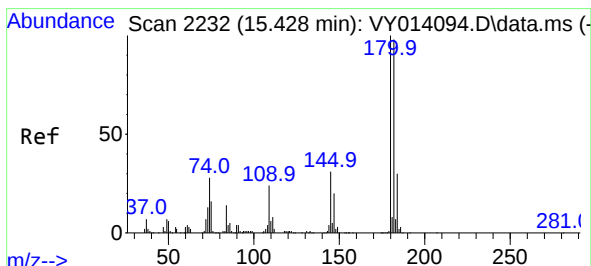
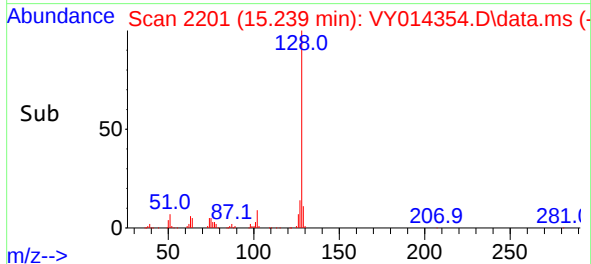
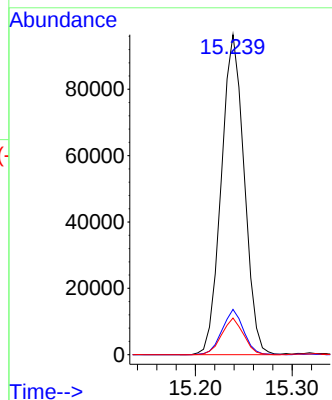
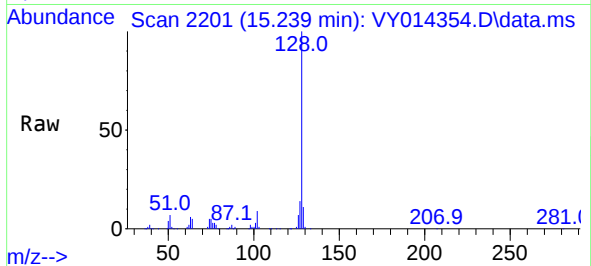




#95  
Naphthalene  
Concen: 21.636 ug/l  
RT: 15.239 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0621SBS02

Tgt Ion:128 Resp: 158605  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.8 16.2  
129 10.9 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 19.850 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. -0.000 min  
Lab File: VY014354.D  
Acq: 21 Jun 2023 23:30

Tgt Ion:180 Resp: 64781  
Ion Ratio Lower Upper  
180 100  
182 94.1 47.3 141.8  
145 32.4 15.4 46.2

