

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092722\  
 Data File : VY010703.D  
 Acq On : 27 Sep 2022 17:08  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 28 01:27:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091922S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 20 01:02:44 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 7.783  | 168   | 216041   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.685  | 114   | 348001   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.490 | 117   | 320355   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.422 | 152   | 164838   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.136  | 65    | 112725   | 54.552   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | = 109.100% |          |
| 35) Dibromofluoromethane     | 7.710  | 113   | 103931   | 46.796   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | = 93.600%  |          |
| 50) Toluene-d8               | 10.179 | 98    | 404734   | 49.352   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | = 98.700%  |          |
| 62) 4-Bromofluorobenzene     | 12.477 | 95    | 137392   | 44.822   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | = 89.640%  |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.900  | 85    | 40063    | 39.177   | ug/l       | 99       |
| 3) Chloromethane             | 2.107  | 50    | 67550    | 45.468   | ug/l       | 97       |
| 4) Vinyl Chloride            | 2.247  | 62    | 81958    | 42.129   | ug/l       | 99       |
| 5) Bromomethane              | 2.637  | 94    | 53793    | 40.619   | ug/l       | 99       |
| 6) Chloroethane              | 2.784  | 64    | 61371    | 40.326   | ug/l       | 97       |
| 7) Trichlorofluoromethane    | 3.119  | 101   | 120279   | 42.371   | ug/l       | 91       |
| 8) Diethyl Ether             | 3.521  | 74    | 44904    | 46.135   | ug/l       | 85       |
| 9) 1,1,2-Trichlorotrifluo... | 3.893  | 101   | 76866    | 44.991   | ug/l       | 94       |
| 10) Methyl Iodide            | 4.082  | 142   | 77505    | 39.270   | ug/l       | 93       |
| 11) Tert butyl alcohol       | 4.948  | 59    | 51778    | 281.423  | ug/l #     | 95       |
| 12) 1,1-Dichloroethene       | 3.863  | 96    | 63061    | 41.337   | ug/l       | 93       |
| 13) Acrolein                 | 3.723  | 56    | 24976    | 259.828  | ug/l       | 99       |
| 14) Allyl chloride           | 4.473  | 41    | 112222   | 48.793   | ug/l #     | 93       |
| 15) Acrylonitrile            | 5.149  | 53    | 147719   | 292.412  | ug/l       | 96       |
| 16) Acetone                  | 3.942  | 43    | 111414   | 264.397  | ug/l #     | 89       |
| 17) Carbon Disulfide         | 4.186  | 76    | 115645   | 37.799   | ug/l       | 98       |
| 18) Methyl Acetate           | 4.473  | 43    | 67030    | 56.497   | ug/l #     | 90       |
| 19) Methyl tert-butyl Ether  | 5.216  | 73    | 238352   | 50.114   | ug/l       | 98       |
| 20) Methylene Chloride       | 4.704  | 84    | 102699   | 44.450   | ug/l       | 88       |
| 21) trans-1,2-Dichloroethene | 5.210  | 96    | 73380    | 42.744   | ug/l       | 89       |
| 22) Diisopropyl ether        | 6.112  | 45    | 296071   | 54.534   | ug/l #     | 95       |
| 23) Vinyl Acetate            | 6.051  | 43    | 925401   | 288.537  | ug/l #     | 94       |
| 24) 1,1-Dichloroethane       | 6.009  | 63    | 161949   | 49.701   | ug/l       | 98       |
| 25) 2-Butanone               | 6.978  | 43    | 191354   | 290.319  | ug/l #     | 90       |
| 26) 2,2-Dichloropropane      | 6.978  | 77    | 145684   | 46.494   | ug/l       | 97       |
| 27) cis-1,2-Dichloroethene   | 6.978  | 96    | 100211   | 46.855   | ug/l       | 91       |
| 28) Bromochloromethane       | 7.326  | 49    | 84792    | 54.911   | ug/l       | 92       |
| 29) Tetrahydrofuran          | 7.344  | 42    | 117936   | 291.323  | ug/l #     | 88       |
| 30) Chloroform               | 7.496  | 83    | 176936   | 50.191   | ug/l       | 99       |
| 31) Cyclohexane              | 7.777  | 56    | 107927   | 46.227   | ug/l       | 95       |
| 32) 1,1,1-Trichloroethane    | 7.698  | 97    | 148403   | 47.300   | ug/l       | 97       |
| 36) 1,1-Dichloropropene      | 7.911  | 75    | 108411   | 43.809   | ug/l       | 98       |
| 37) Ethyl Acetate            | 7.070  | 43    | 79517    | 55.632   | ug/l       | 95       |
| 38) Carbon Tetrachloride     | 7.893  | 117   | 128318   | 45.097   | ug/l       | 99       |
| 39) Methylcyclohexane        | 9.179  | 83    | 117094   | 40.428   | ug/l       | 92       |
| 40) Benzene                  | 8.155  | 78    | 338966   | 45.948   | ug/l       | 98       |

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 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 28 01:27:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091922S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 20 01:02:44 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.338  | 41   | 113007   | 155.009  | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 112549   | 49.545   | ug/l   | 94       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 144555   | 55.173   | ug/l # | 93       |
| 44) Trichloroethene           | 8.935  | 130  | 92712    | 43.902   | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 96090    | 50.350   | ug/l   | 96       |
| 46) Dibromomethane            | 9.301  | 93   | 54199    | 48.361   | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.490  | 83   | 142377   | 51.451   | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.289  | 41   | 66400    | 57.411   | ug/l # | 90       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 18072    | 1096.589 | ug/l # | 82       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 444473   | 300.480  | ug/l   | 92       |
| 52) Toluene                   | 10.240 | 92   | 221349   | 45.857   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 138867   | 49.629   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 152370   | 48.843   | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 83356    | 50.565   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 112780   | 52.810   | ug/l # | 83       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 137728   | 50.438   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 304295   | 251.559  | ug/l   | 97       |
| 59) 2-Hexanone                | 10.831 | 43   | 304790   | 303.996  | ug/l   | 91       |
| 60) Dibromochloromethane      | 10.984 | 129  | 101842   | 50.483   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 74129    | 48.033   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.715 | 164  | 89631    | 41.884   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.514 | 112  | 254282   | 45.903   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 104814   | 48.566   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.587 | 91   | 447473   | 46.001   | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.697 | 106  | 344244   | 91.351   | ug/l   | 95       |
| 69) o-Xylene                  | 12.026 | 106  | 169150   | 46.040   | ug/l   | 94       |
| 70) Styrene                   | 12.038 | 104  | 297413   | 47.652   | ug/l   | 95       |
| 71) Bromoform                 | 12.203 | 173  | 66785    | 49.835   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.325 | 105  | 462640   | 45.413   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 132351   | 53.575   | ug/l # | 89       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 104873   | 50.519   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 137035   | 87.102   | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 107870   | 44.503   | ug/l   | 100      |
| 78) n-propylbenzene           | 12.666 | 91   | 558826   | 46.053   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.752 | 91   | 316517   | 45.778   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 391398   | 45.471   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.374 | 75   | 35382    | 50.004   | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 327111   | 45.816   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 355785   | 46.216   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 391443   | 45.775   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 526487   | 46.697   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 443144   | 47.034   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 223813   | 45.492   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 222222   | 45.637   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 411766   | 47.608   | ug/l   | 100      |
| 90) Hexachloroethane          | 13.959 | 117  | 87104    | 48.151   | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene       | 13.733 | 146  | 204442   | 46.649   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 17730    | 51.182   | ug/l   | 84       |
| 93) 1,2,4-Trichlorobenzene    | 15.001 | 180  | 123233   | 46.095   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 73103    | 44.988   | ug/l   | 98       |
| 95) Naphthalene               | 15.233 | 128  | 266493   | 49.471   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 109219   | 46.918   | ug/l   | 99       |

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Sample : VSTDCCC050  
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ALS Vial : 19 Sample Multiplier: 1

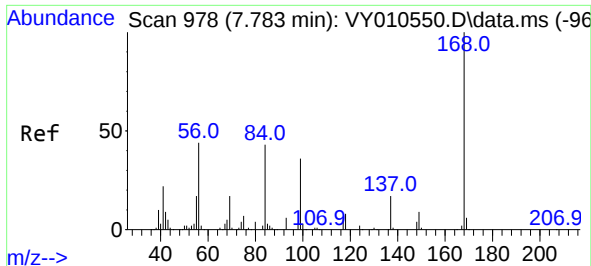
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Sep 28 01:27:11 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091922S.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 20 01:02:44 2022  
Response via : Initial Calibration

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

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

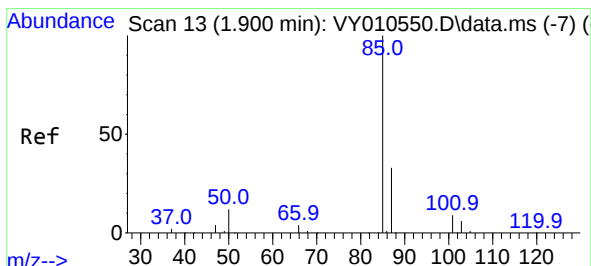
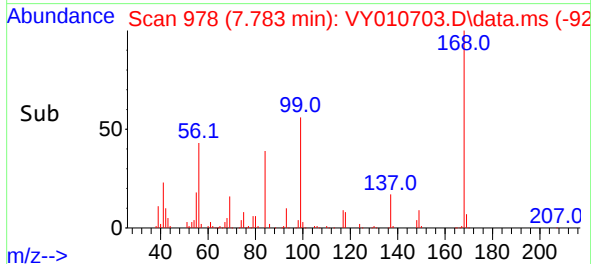
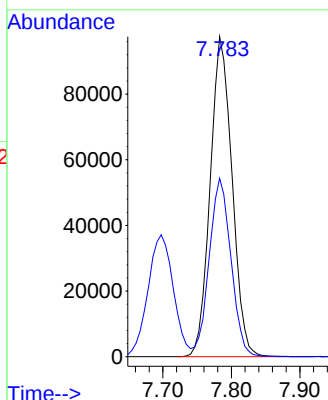
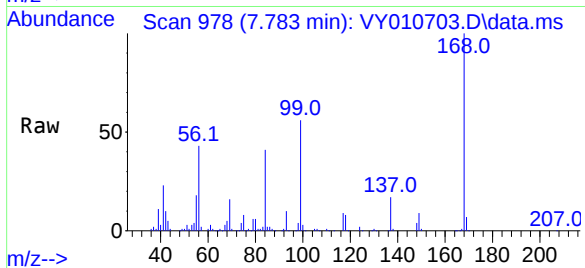




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

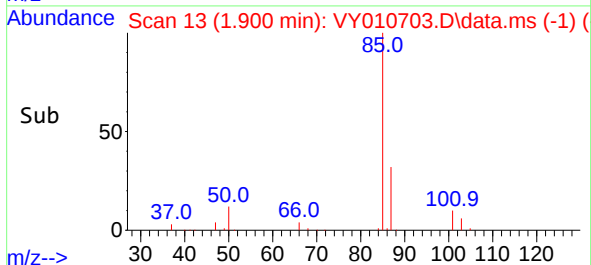
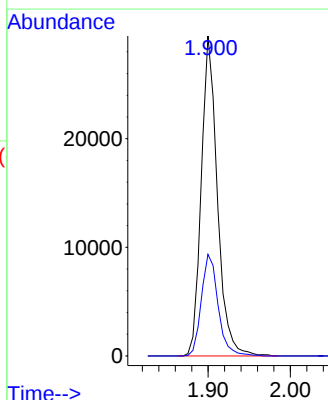
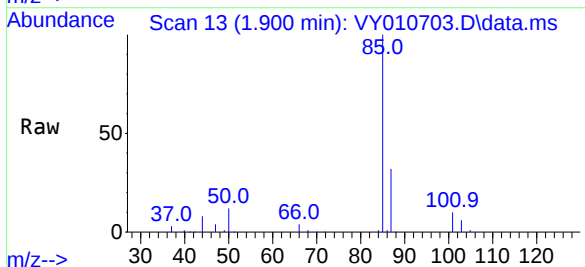
Instrument :  
MSVOA\_Y  
ClientSampleId :

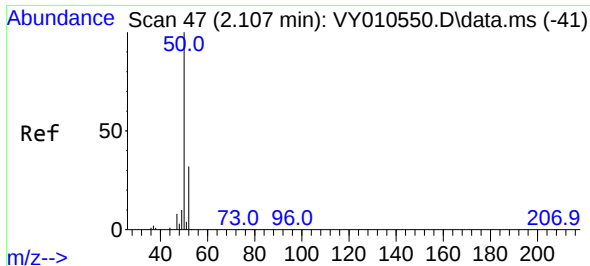
Tgt Ion:168 Resp: 216041  
Ion Ratio Lower Upper  
168 100  
99 55.8 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 39.177 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion: 85 Resp: 40063  
Ion Ratio Lower Upper  
85 100  
87 31.7 16.1 48.2

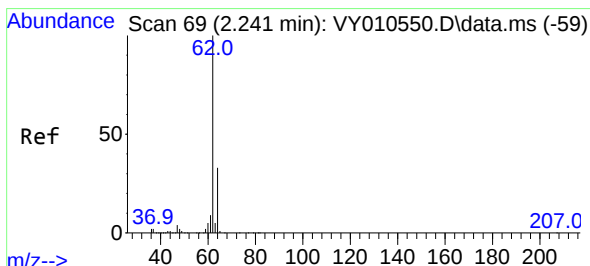
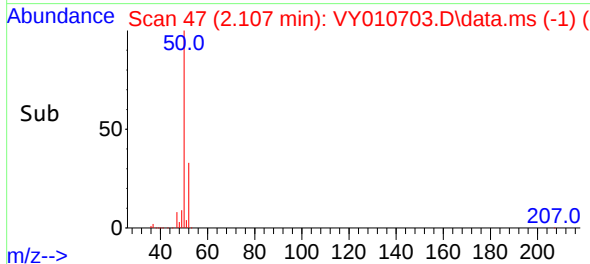
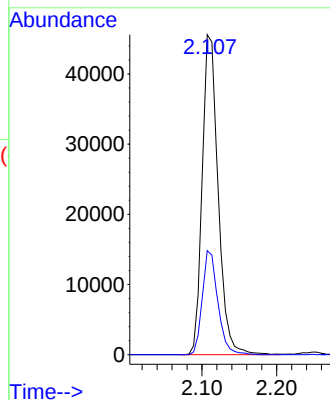
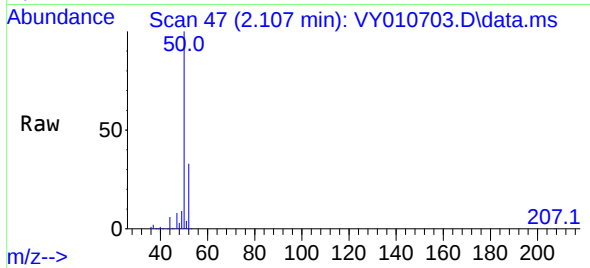




#3  
Chloromethane  
Concen: 45.468 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

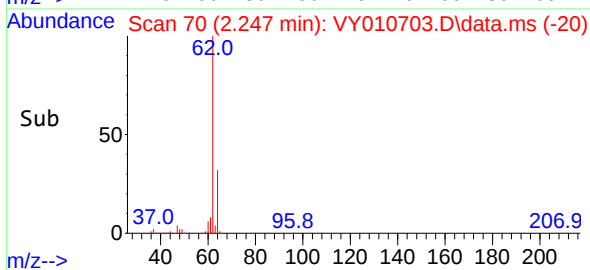
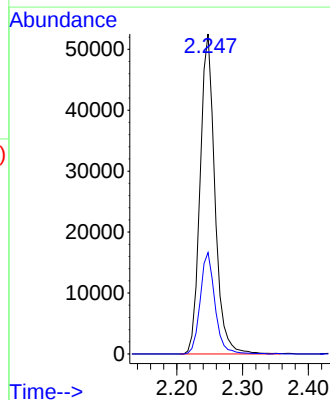
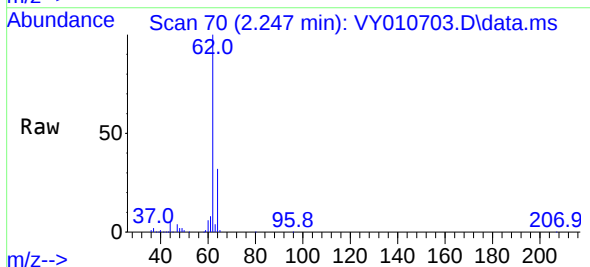
Instrument :  
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ClientSampleId :

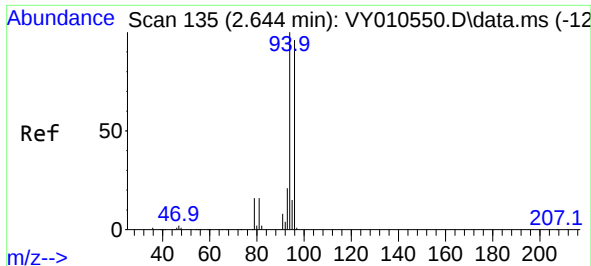
Tgt Ion: 50 Resp: 67550  
Ion Ratio Lower Upper  
50 100  
52 32.5 24.6 37.0



#4  
Vinyl Chloride  
Concen: 42.129 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion: 62 Resp: 81958  
Ion Ratio Lower Upper  
62 100  
64 31.7 25.0 37.6

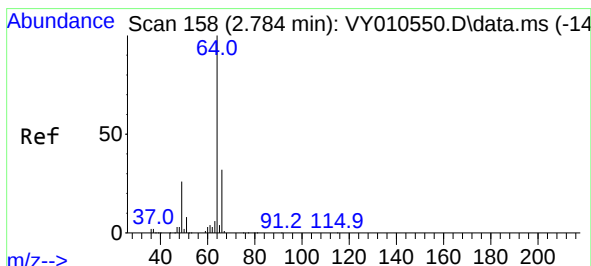
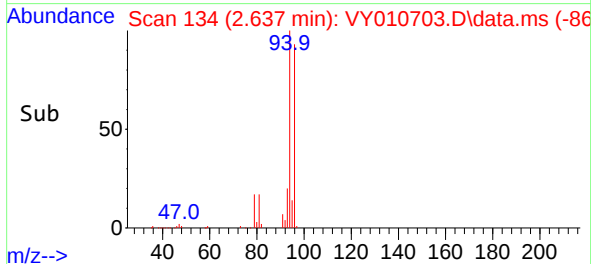
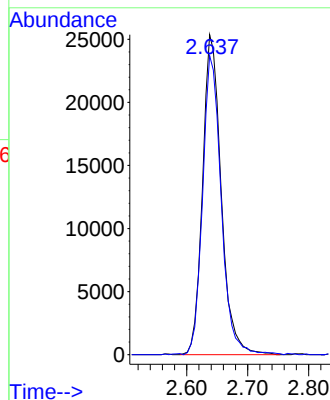
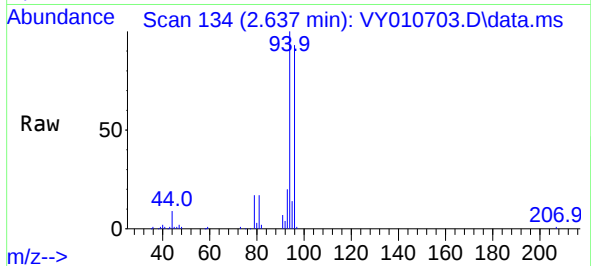




#5  
Bromomethane  
Concen: 40.619 ug/l  
RT: 2.637 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

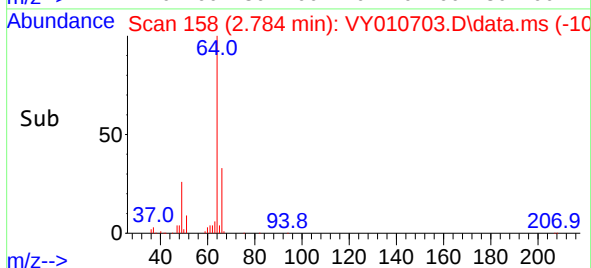
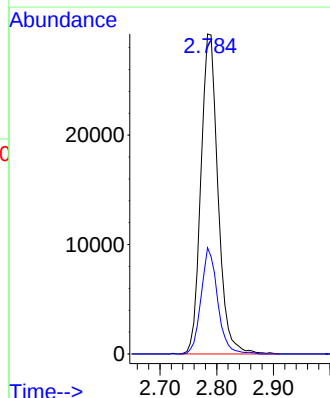
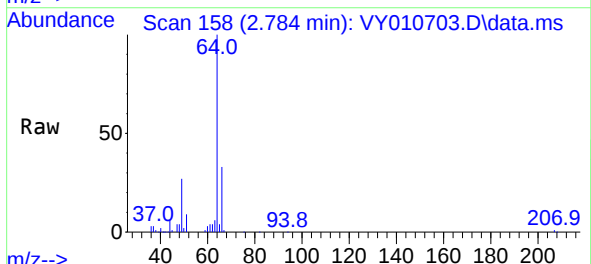
Instrument :  
MSVOA\_Y  
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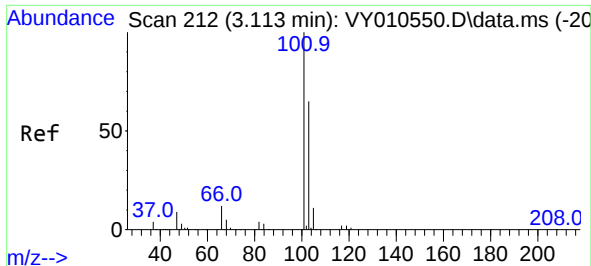
Tgt Ion: 94 Resp: 53793  
Ion Ratio Lower Upper  
94 100  
96 93.2 73.5 110.3



#6  
Chloroethane  
Concen: 40.326 ug/l  
RT: 2.784 min Scan# 158  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

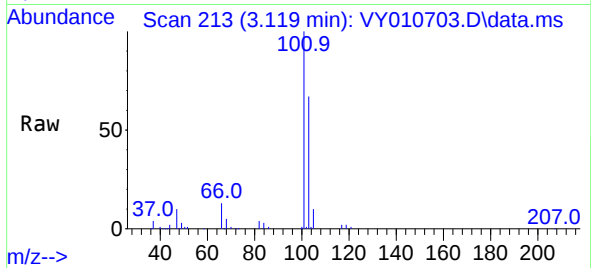
Tgt Ion: 64 Resp: 61371  
Ion Ratio Lower Upper  
64 100  
66 33.2 25.4 38.0



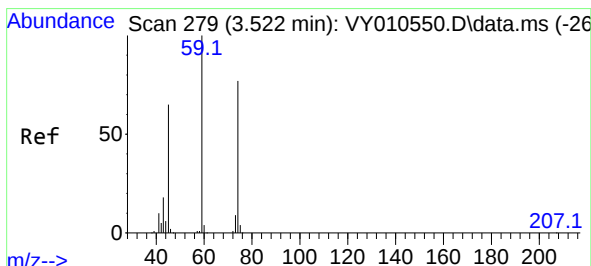
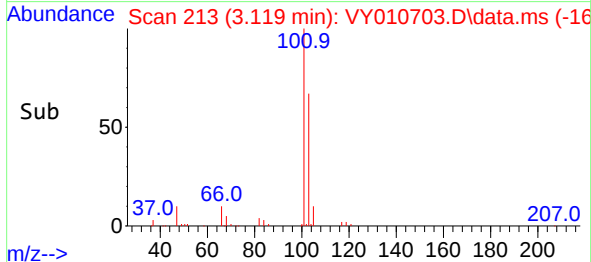
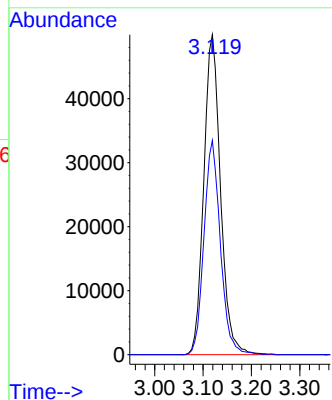


#7  
 Trichlorofluoromethane  
 Concen: 42.371 ug/l  
 RT: 3.119 min Scan# 212  
 Delta R.T. 0.006 min  
 Lab File: VY010703.D  
 Acq: 27 Sep 2022 17:08

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

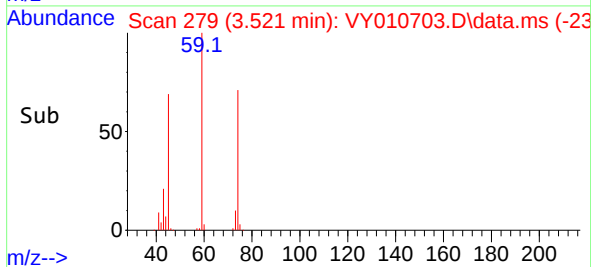
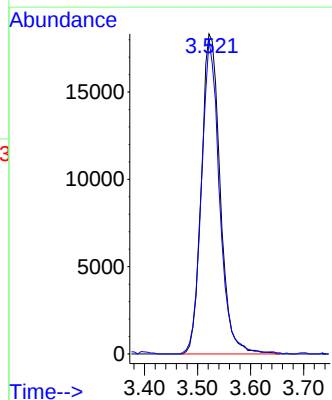
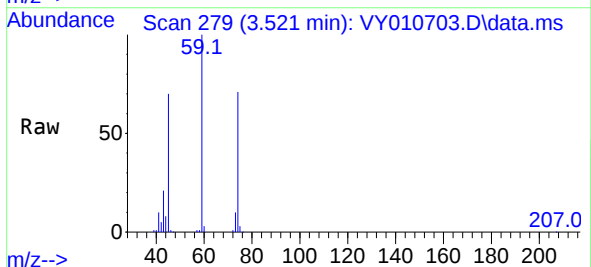


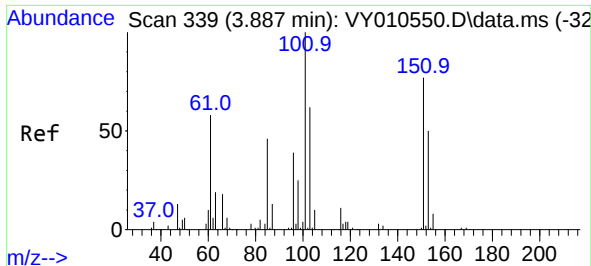
Tgt Ion:101 Resp: 120279  
 Ion Ratio Lower Upper  
 101 100  
 103 66.9 48.0 72.0



#8  
 Diethyl Ether  
 Concen: 46.135 ug/l  
 RT: 3.521 min Scan# 279  
 Delta R.T. -0.001 min  
 Lab File: VY010703.D  
 Acq: 27 Sep 2022 17:08

Tgt Ion: 74 Resp: 44904  
 Ion Ratio Lower Upper  
 74 100  
 45 94.4 55.1 165.5

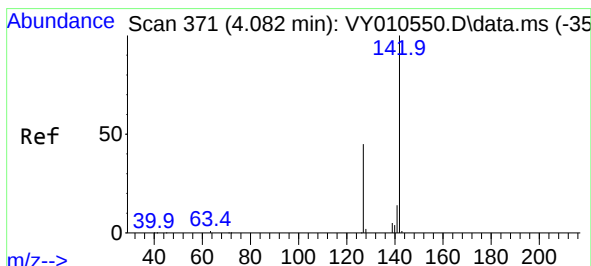
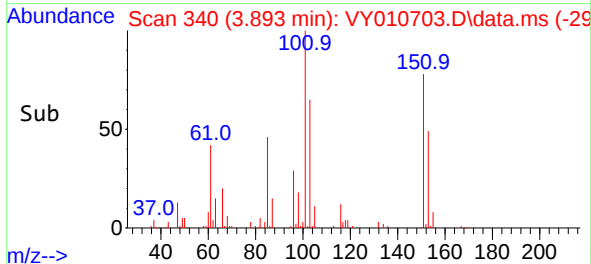
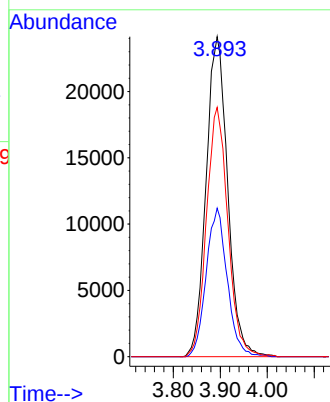
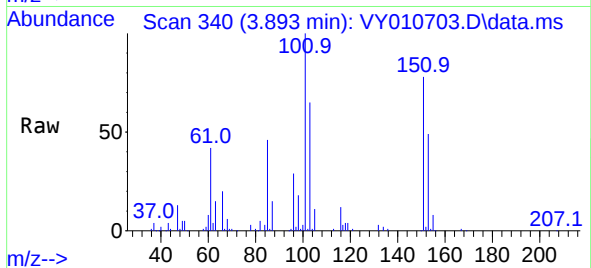




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 44.991 ug/l  
RT: 3.893 min Scan# 340  
Delta R.T. 0.006 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

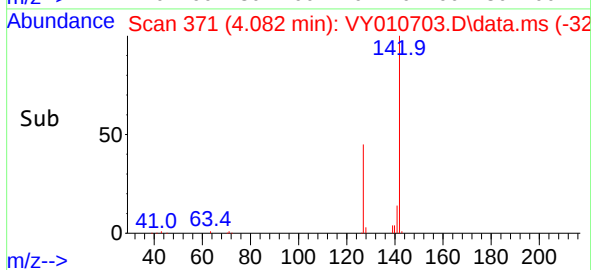
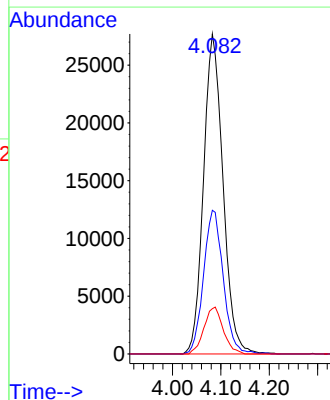
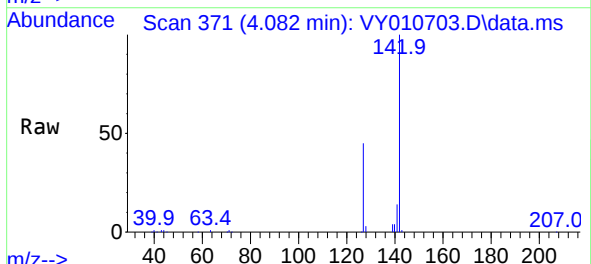
Instrument :  
MSVOA\_Y  
ClientSampleId :

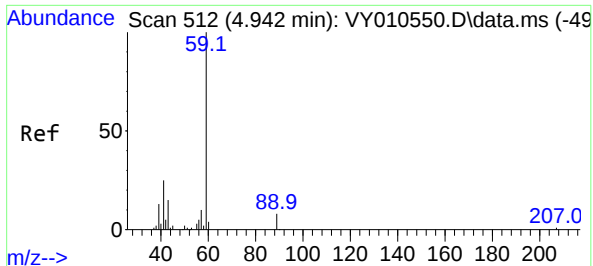
Tgt Ion:101 Resp: 76866  
Ion Ratio Lower Upper  
101 100  
85 45.3 40.6 60.8  
151 77.2 64.9 97.3



#10  
Methyl Iodide  
Concen: 39.270 ug/l  
RT: 4.082 min Scan# 371  
Delta R.T. 0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion:142 Resp: 77505  
Ion Ratio Lower Upper  
142 100  
127 45.4 41.5 62.3  
141 14.5 11.9 17.9

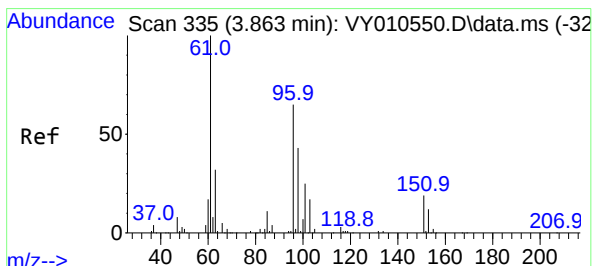
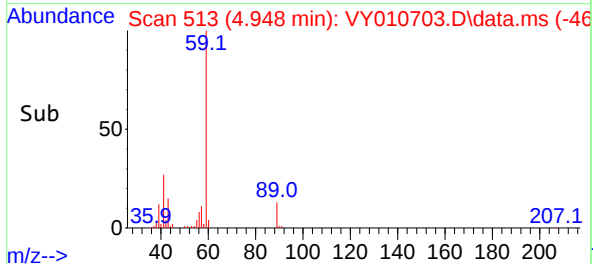
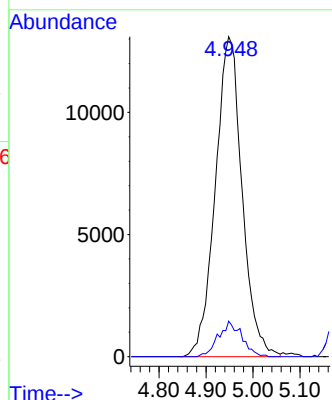
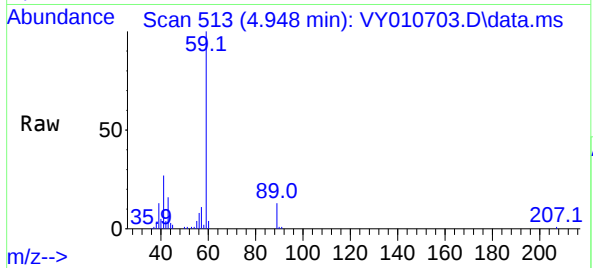




#11  
Tert butyl alcohol  
Concen: 281.423 ug/l  
RT: 4.948 min Scan# 512  
Delta R.T. 0.006 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

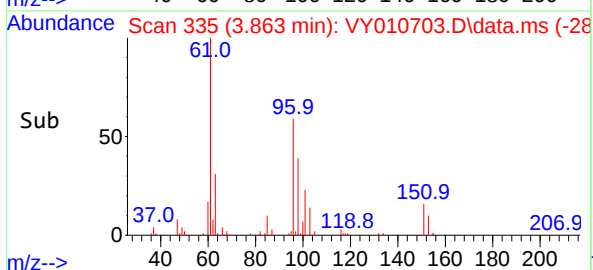
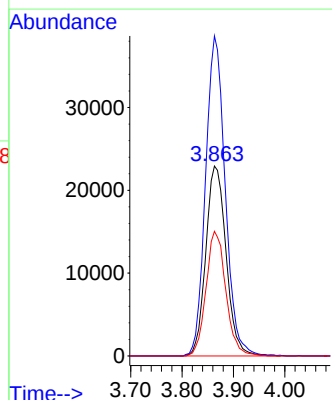
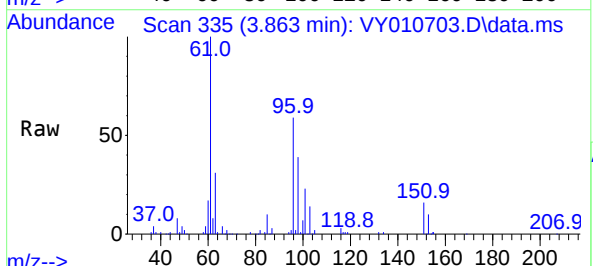
Instrument :  
MSVOA\_Y  
ClientSampleId :

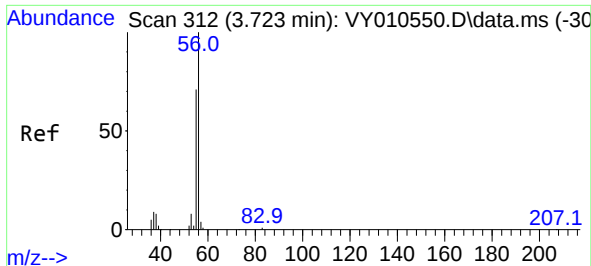
Tgt Ion: 59 Resp: 51778  
Ion Ratio Lower Upper  
59 100  
57 9.7 6.4 9.6#



#12  
1,1-Dichloroethene  
Concen: 41.337 ug/l  
RT: 3.863 min Scan# 335  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

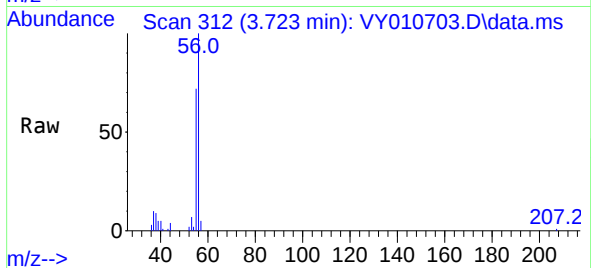
Tgt Ion: 96 Resp: 63061  
Ion Ratio Lower Upper  
96 100  
61 168.5 145.8 218.6  
98 65.6 52.5 78.7



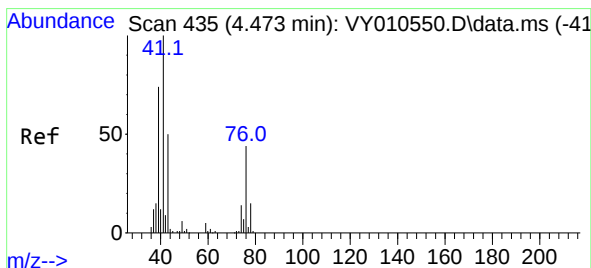
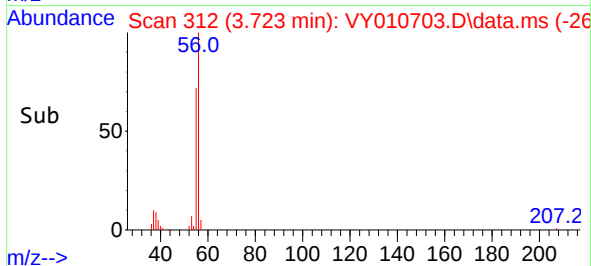
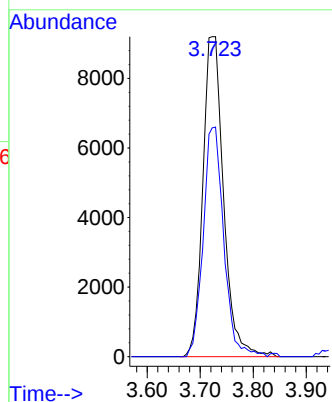


#13  
Acrolein  
Concen: 259.828 ug/l  
RT: 3.723 min Scan# 312  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Instrument :  
MSVOA\_Y  
ClientSampleId :

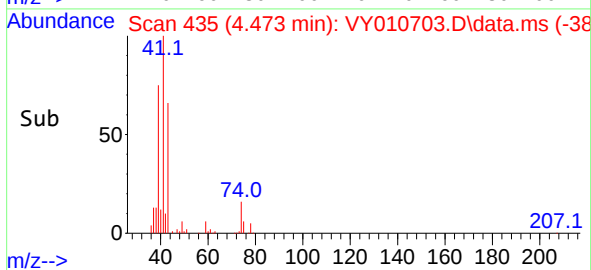
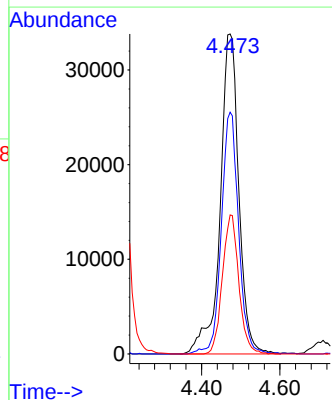
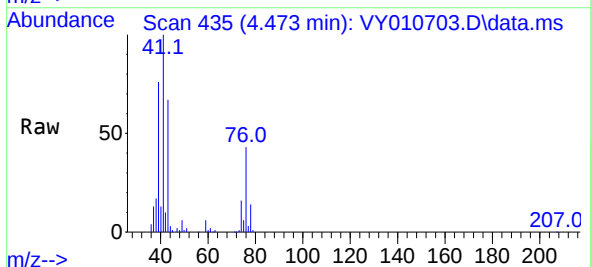


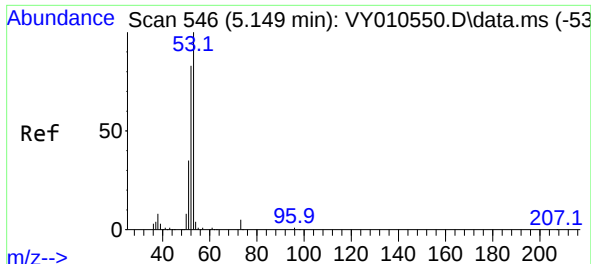
Tgt Ion: 56 Resp: 24976  
Ion Ratio Lower Upper  
56 100  
55 71.1 57.6 86.4



#14  
Allyl chloride  
Concen: 48.793 ug/l  
RT: 4.473 min Scan# 435  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

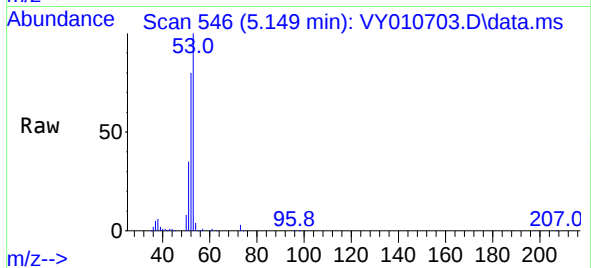
Tgt Ion: 41 Resp: 112222  
Ion Ratio Lower Upper  
41 100  
39 69.6 58.8 88.2  
76 38.3 25.1 37.7#



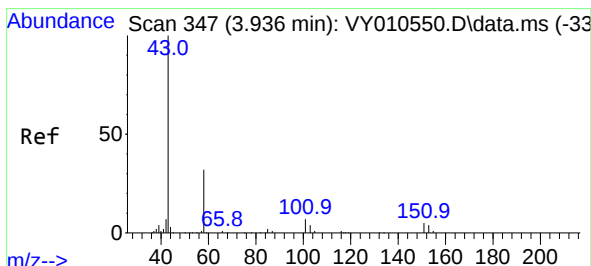
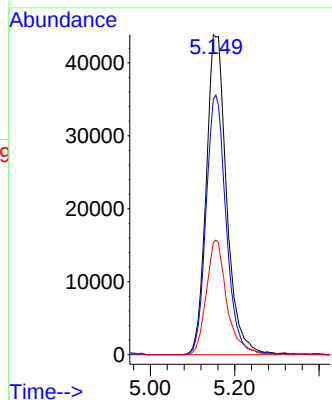
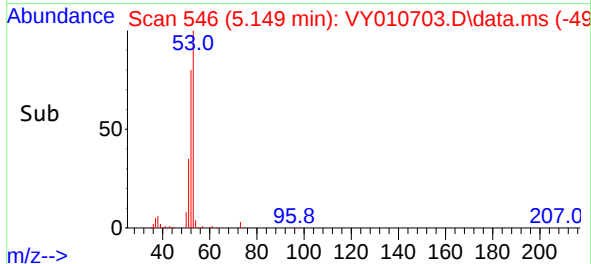


#15  
Acrylonitrile  
Concen: 292.412 ug/l  
RT: 5.149 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Instrument :  
MSVOA\_Y  
ClientSampleId :

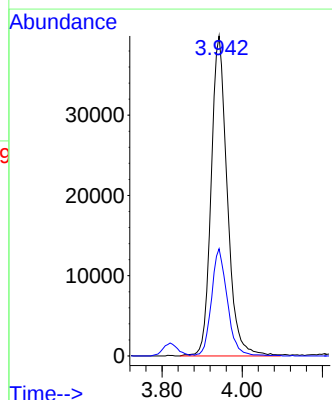
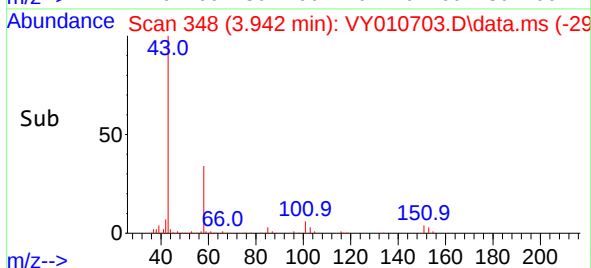
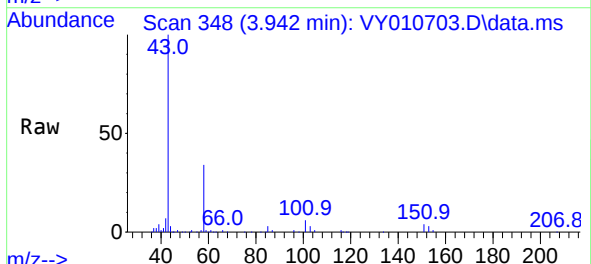


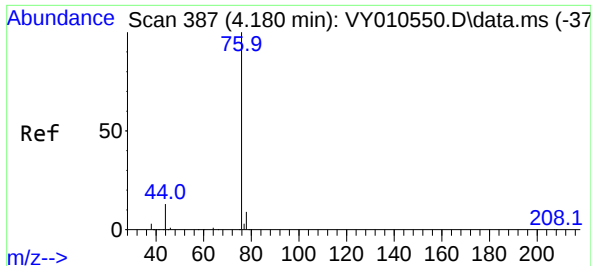
Tgt Ion: 53 Resp: 147719  
Ion Ratio Lower Upper  
53 100  
52 79.8 67.0 100.4  
51 36.1 29.8 44.6



#16  
Acetone  
Concen: 264.397 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. 0.006 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion: 43 Resp: 111414  
Ion Ratio Lower Upper  
43 100  
58 33.3 22.0 33.0#

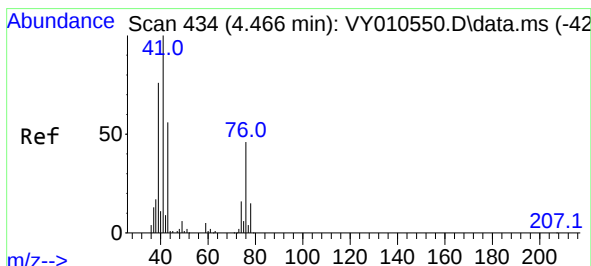
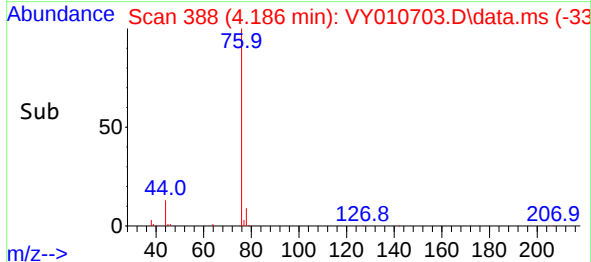
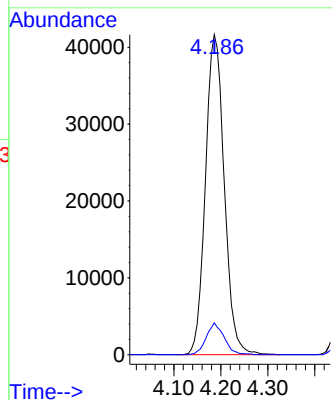
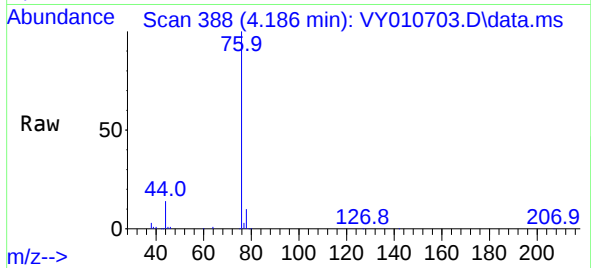




#17  
Carbon Disulfide  
Concen: 37.799 ug/l  
RT: 4.186 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

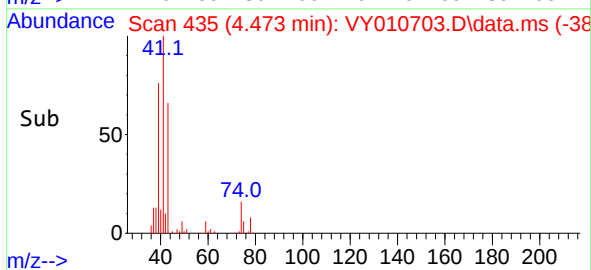
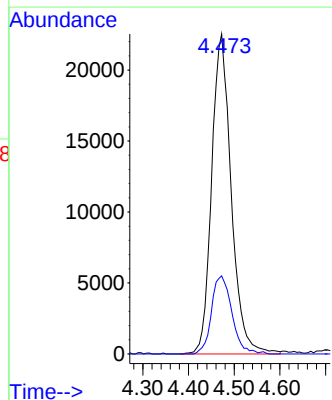
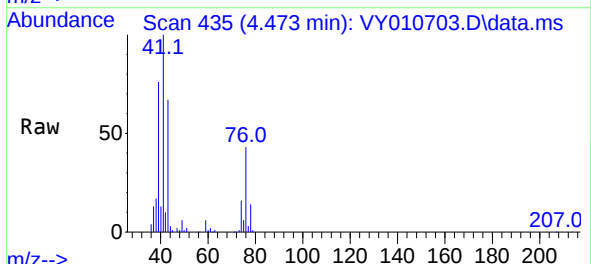
Instrument :  
MSVOA\_Y  
ClientSampleId :

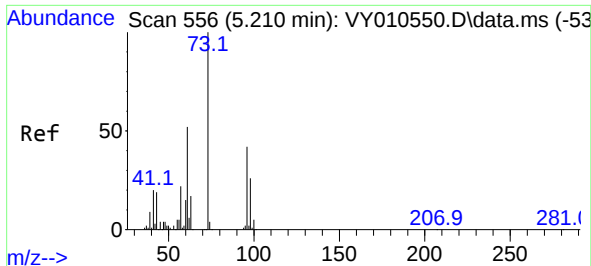
Tgt Ion: 76 Resp: 115645  
Ion Ratio Lower Upper  
76 100  
78 10.0 7.4 11.0



#18  
Methyl Acetate  
Concen: 56.497 ug/l  
RT: 4.473 min Scan# 435  
Delta R.T. 0.007 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion: 43 Resp: 67030  
Ion Ratio Lower Upper  
43 100  
74 25.5 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 50.114 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY010703.D

Acq: 27 Sep 2022 17:08

Instrument :

MSVOA\_Y

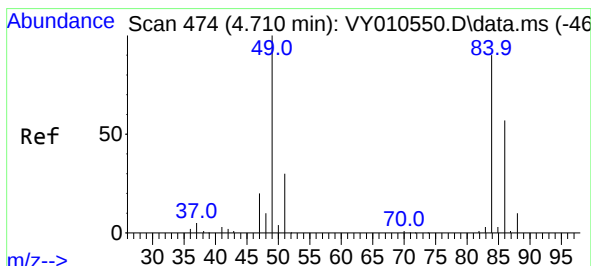
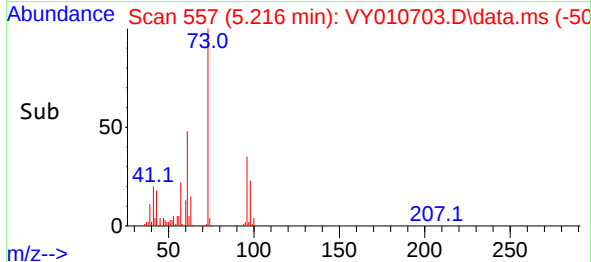
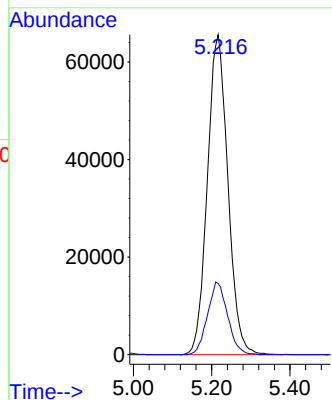
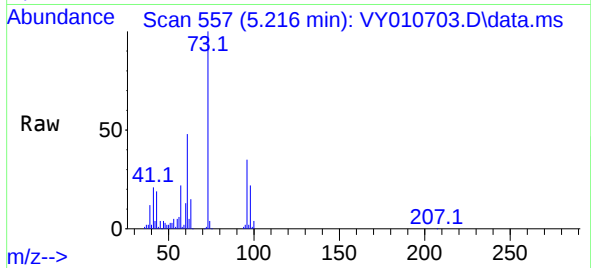
ClientSampleId :

Tgt Ion: 73 Resp: 238352

Ion Ratio Lower Upper

73 100

57 22.3 18.6 27.8



#20

Methylene Chloride

Concen: 44.450 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY010703.D

Acq: 27 Sep 2022 17:08

Tgt Ion: 84 Resp: 102699

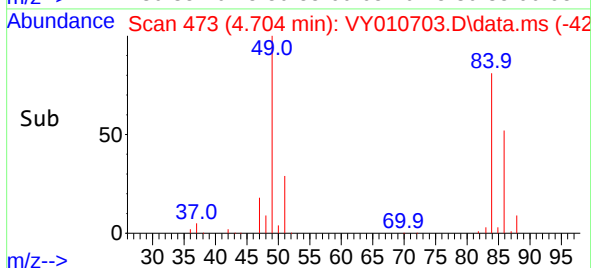
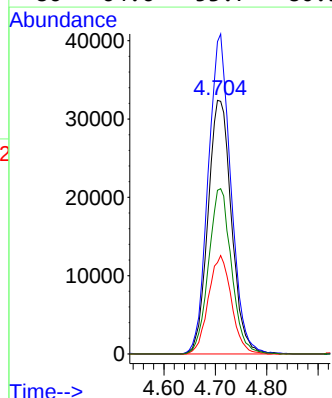
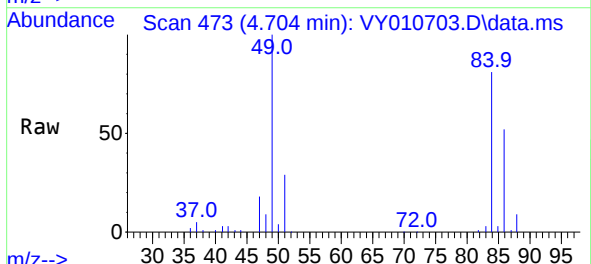
Ion Ratio Lower Upper

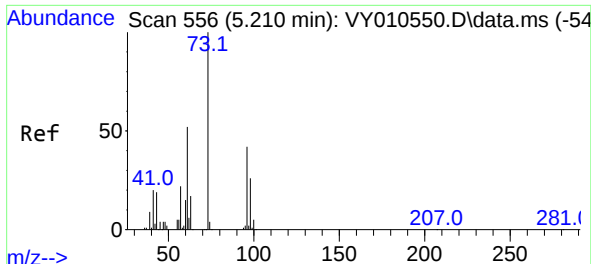
84 100

49 123.1 114.4 171.6

51 36.0 35.3 52.9

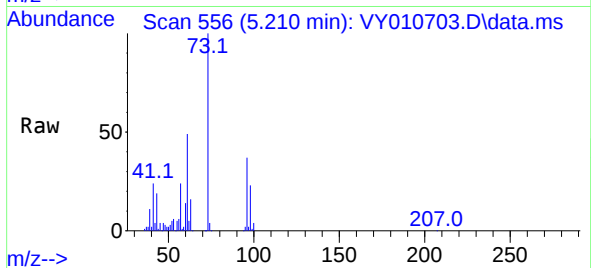
86 64.6 53.7 80.5



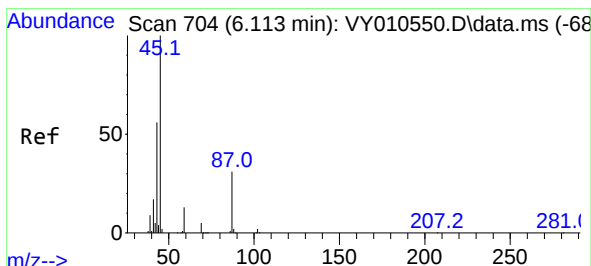
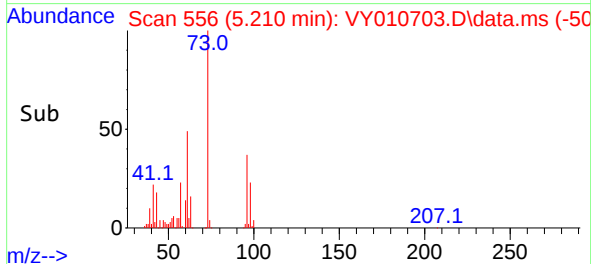
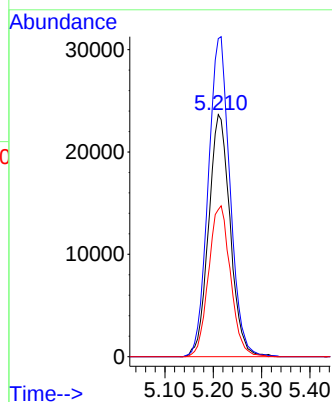


#21  
trans-1,2-Dichloroethene  
Concen: 42.744 ug/l  
RT: 5.210 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Instrument :  
MSVOA\_Y  
ClientSampleId :

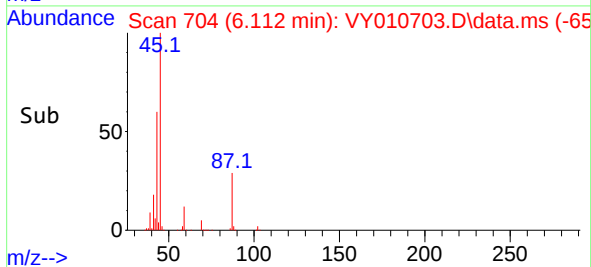
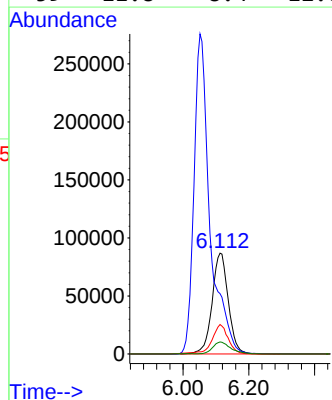
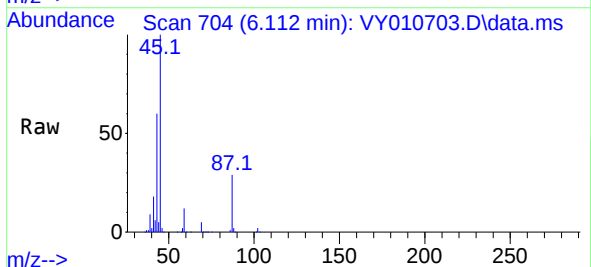


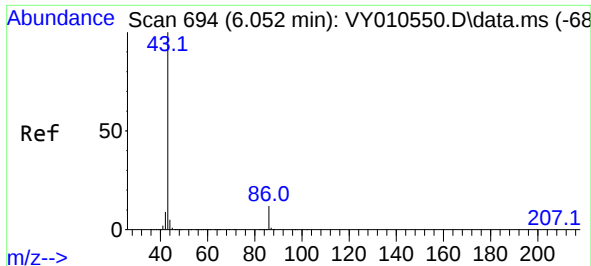
Tgt Ion: 96 Resp: 73380  
Ion Ratio Lower Upper  
96 100  
61 131.4 120.5 180.7  
98 60.8 49.8 74.8



#22  
Diisopropyl ether  
Concen: 54.534 ug/l  
RT: 6.112 min Scan# 704  
Delta R.T. -0.001 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion: 45 Resp: 296071  
Ion Ratio Lower Upper  
45 100  
43 59.7 49.3 73.9  
87 29.2 19.2 28.8#  
59 11.8 8.4 12.6

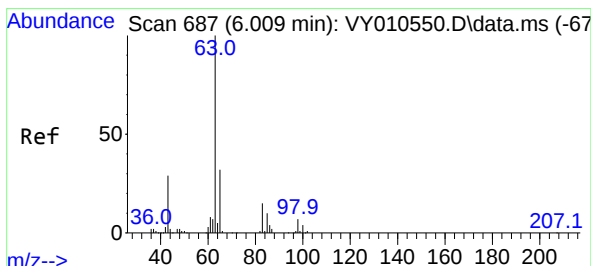
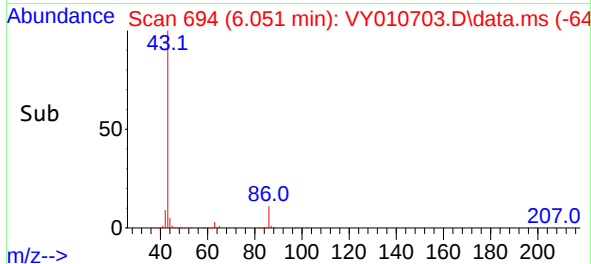
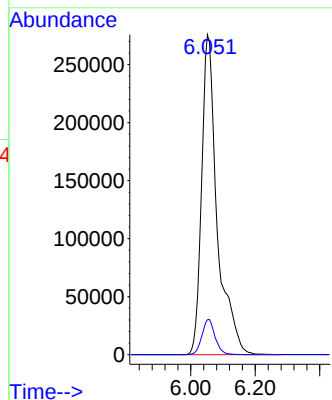
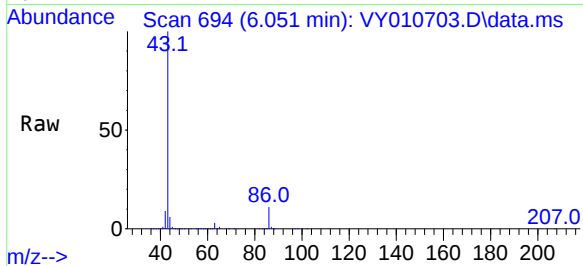




#23  
 Vinyl Acetate  
 Concen: 288.537 ug/l  
 RT: 6.051 min Scan# 694  
 Delta R.T. -0.000 min  
 Lab File: VY010703.D  
 Acq: 27 Sep 2022 17:08

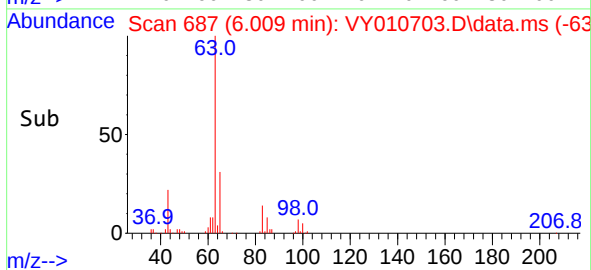
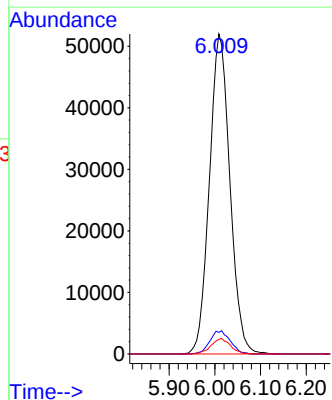
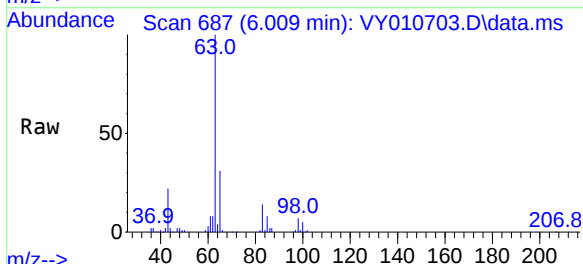
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

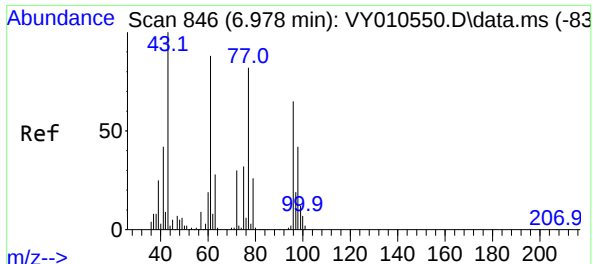
Tgt Ion: 43 Resp: 925401  
 Ion Ratio Lower Upper  
 43 100  
 86 10.9 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 49.701 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. -0.000 min  
 Lab File: VY010703.D  
 Acq: 27 Sep 2022 17:08

Tgt Ion: 63 Resp: 161949  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.6 10.8  
 100 4.6 2.0 5.8





#25

2-Butanone

Concen: 290.319 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

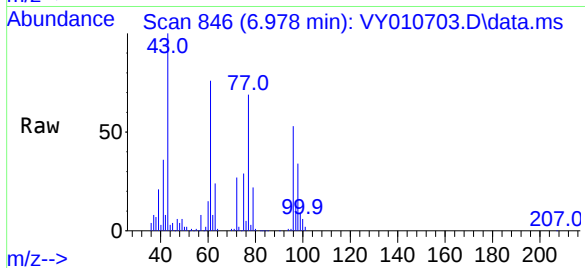
Lab File: VY010703.D

Acq: 27 Sep 2022 17:08

Instrument :

MSVOA\_Y

ClientSampleId :

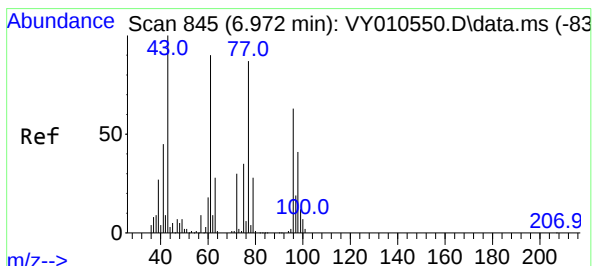
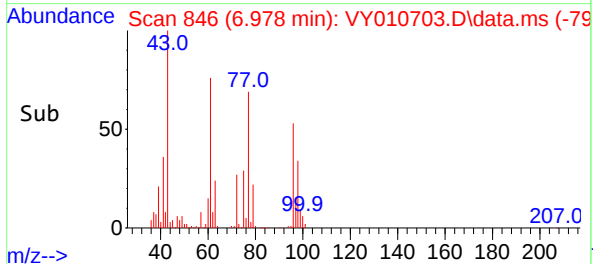
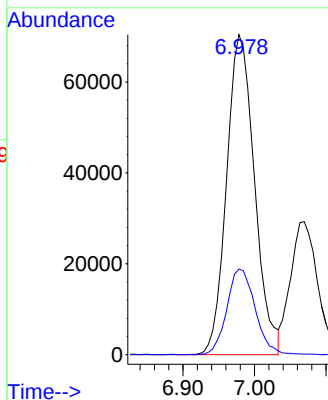


Tgt Ion: 43 Resp: 191354

Ion Ratio Lower Upper

43 100

72 26.8 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 46.494 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY010703.D

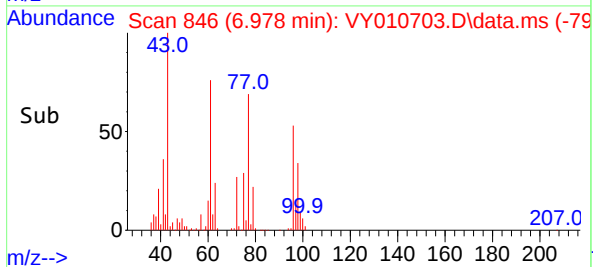
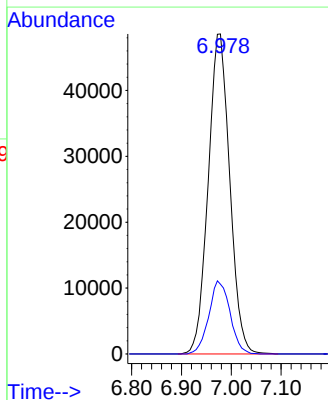
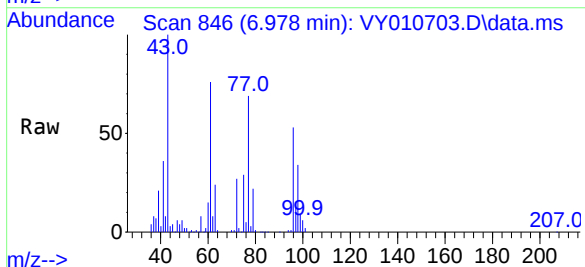
Acq: 27 Sep 2022 17:08

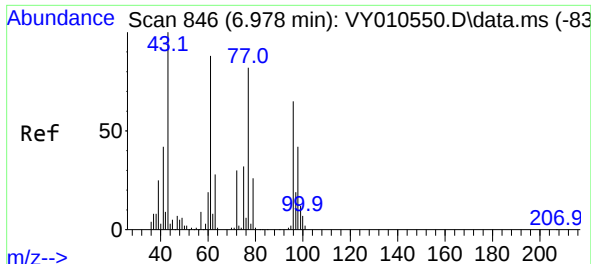
Tgt Ion: 77 Resp: 145684

Ion Ratio Lower Upper

77 100

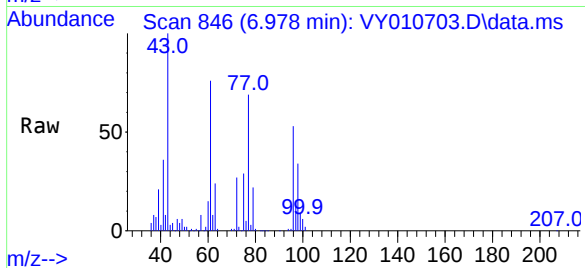
97 22.5 10.4 31.4



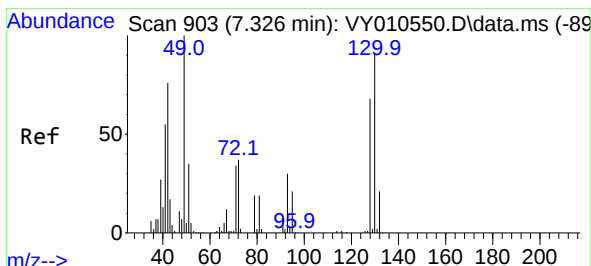
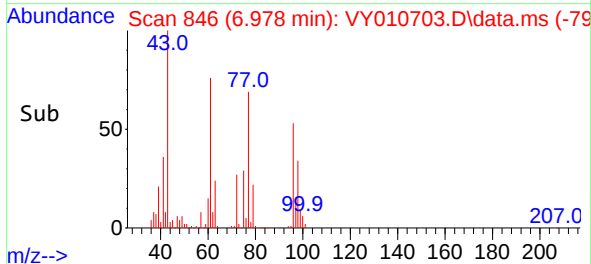
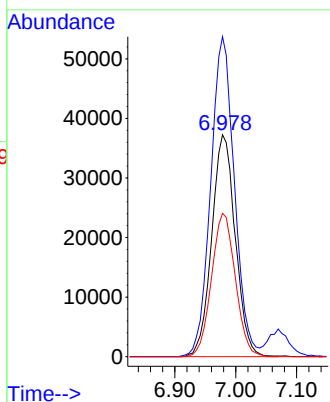


#27  
cis-1,2-Dichloroethene  
Concen: 46.855 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Instrument :  
MSVOA\_Y  
ClientSampleId :

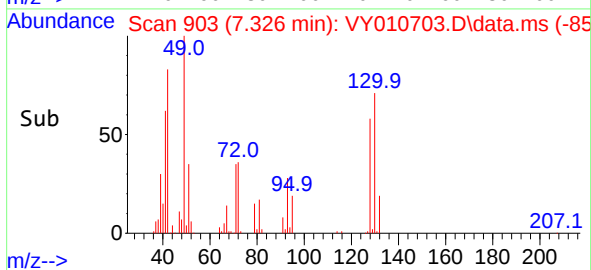
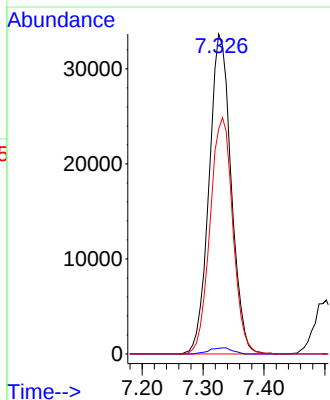
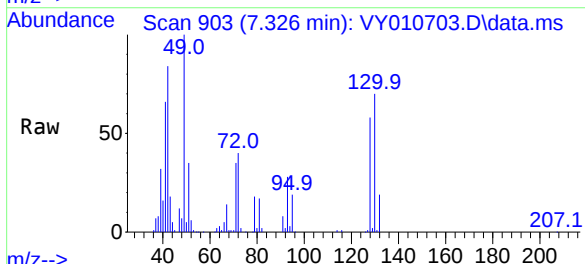


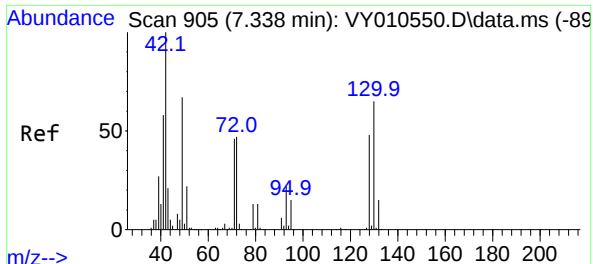
Tgt Ion: 96 Resp: 100211  
Ion Ratio Lower Upper  
96 100  
61 144.8 0.0 319.8  
98 65.2 0.0 127.0



#28  
Bromochloromethane  
Concen: 54.911 ug/l  
RT: 7.326 min Scan# 903  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion: 49 Resp: 84792  
Ion Ratio Lower Upper  
49 100  
129 2.0 0.0 2.2  
130 76.0 55.4 83.0





#29

Tetrahydrofuran

Concen: 291.323 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY010703.D

Acq: 27 Sep 2022 17:08

Instrument :

MSVOA\_Y

ClientSampleId :

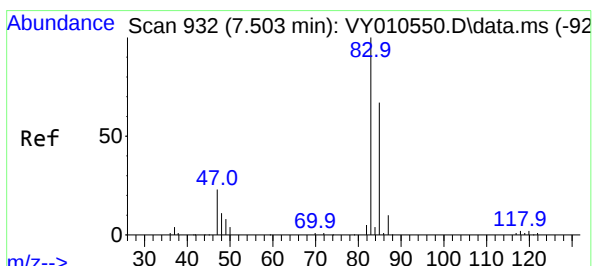
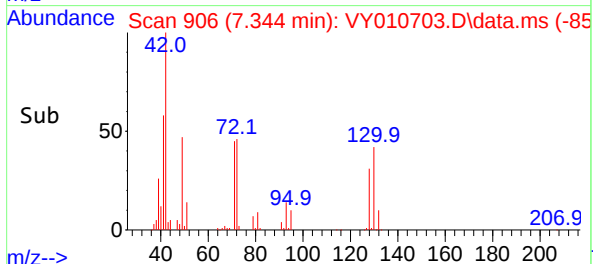
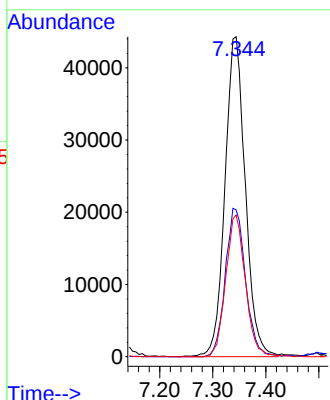
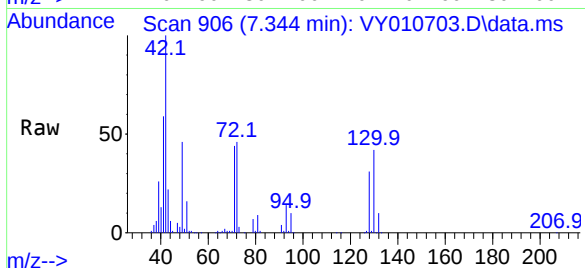
Tgt Ion: 42 Resp: 117936

Ion Ratio Lower Upper

42 100

72 46.0 30.3 45.5#

71 42.9 29.0 43.4



#30

Chloroform

Concen: 50.191 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.007 min

Lab File: VY010703.D

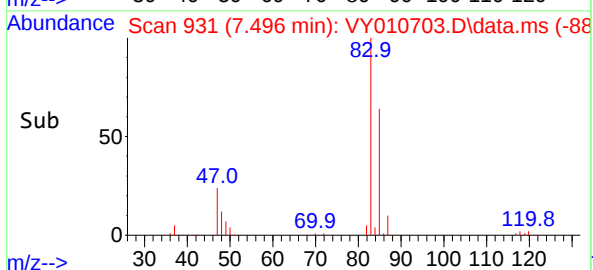
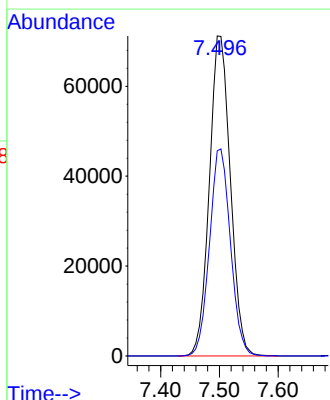
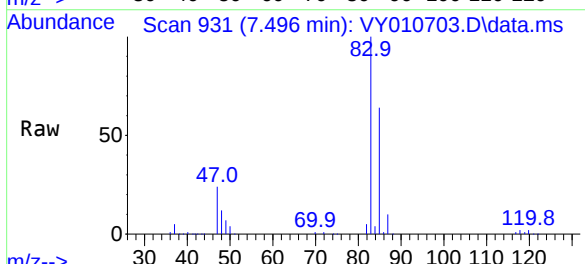
Acq: 27 Sep 2022 17:08

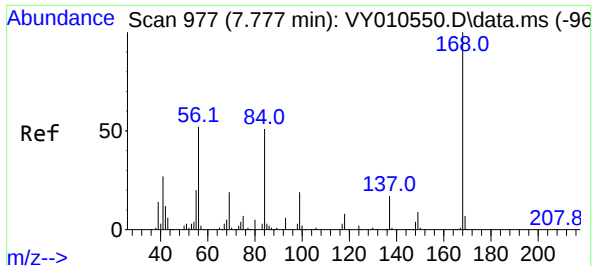
Tgt Ion: 83 Resp: 176936

Ion Ratio Lower Upper

83 100

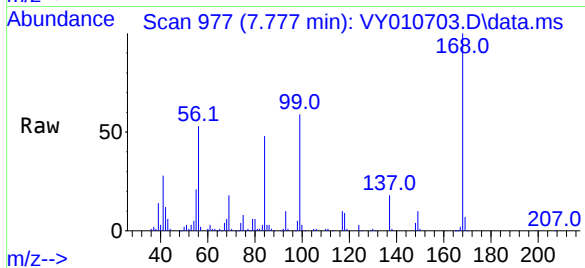
85 64.1 51.8 77.6



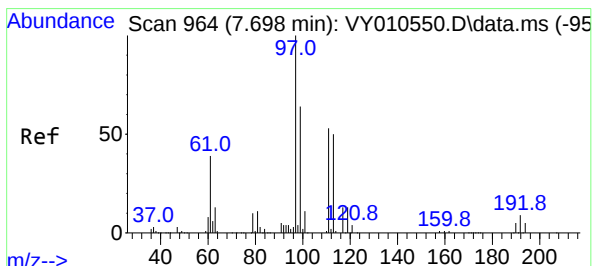
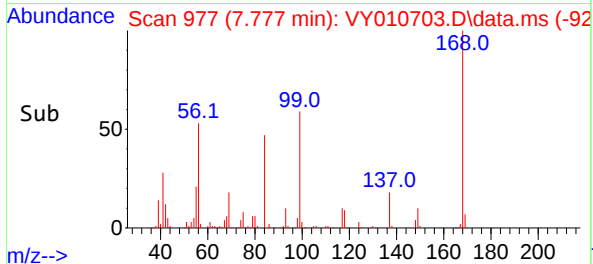
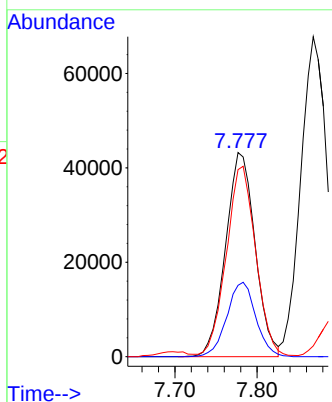


#31  
Cyclohexane  
Concen: 46.227 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Instrument :  
MSVOA\_Y  
ClientSampleId :

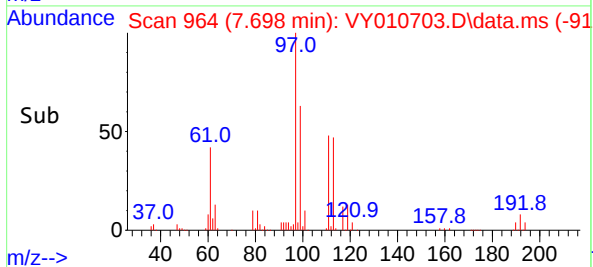
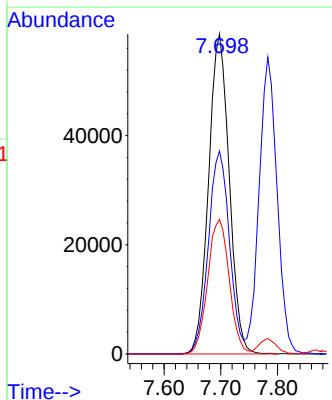
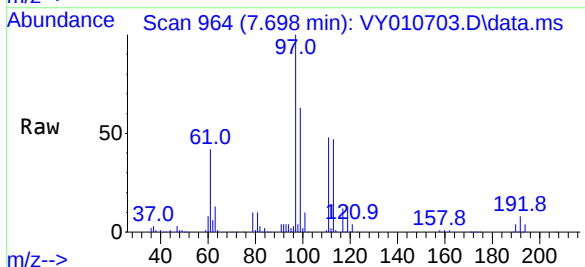


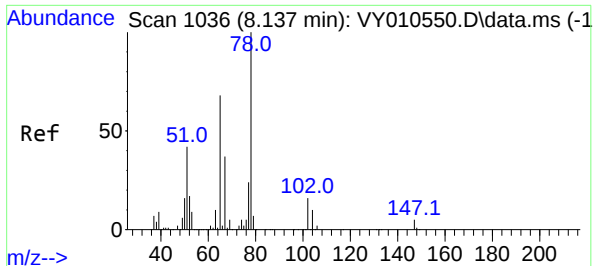
Tgt Ion: 56 Resp: 107927  
Ion Ratio Lower Upper  
56 100  
69 35.0 26.7 40.1  
84 89.4 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 47.300 ug/l  
RT: 7.698 min Scan# 964  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion: 97 Resp: 148403  
Ion Ratio Lower Upper  
97 100  
99 64.6 50.7 76.1  
61 43.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 54.552 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY010703.D

Acq: 27 Sep 2022 17:08

Instrument :

MSVOA\_Y

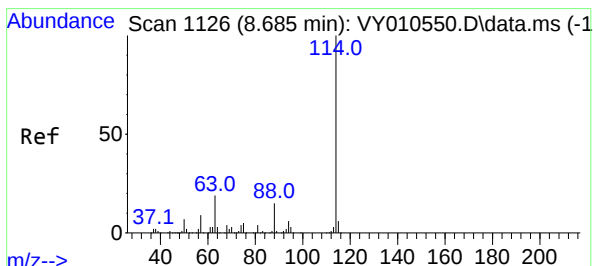
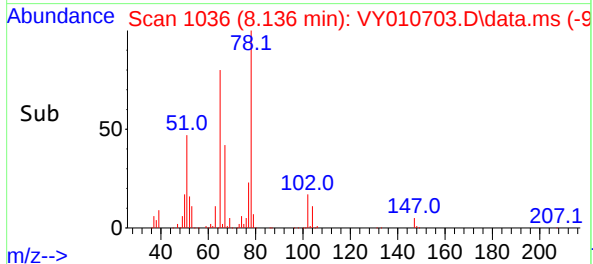
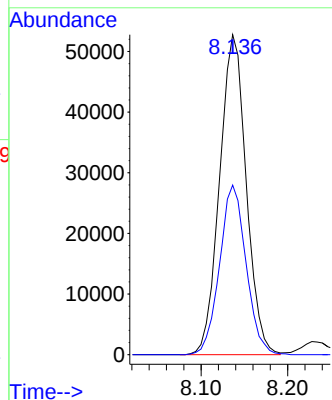
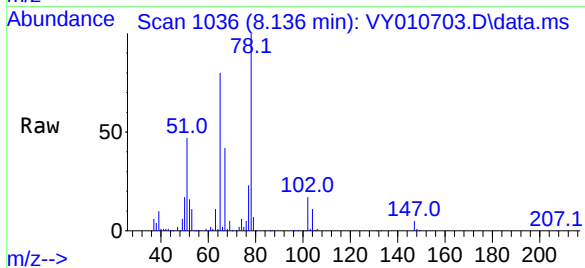
ClientSampleId :

Tgt Ion: 65 Resp: 112725

Ion Ratio Lower Upper

65 100

67 52.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010703.D

Acq: 27 Sep 2022 17:08

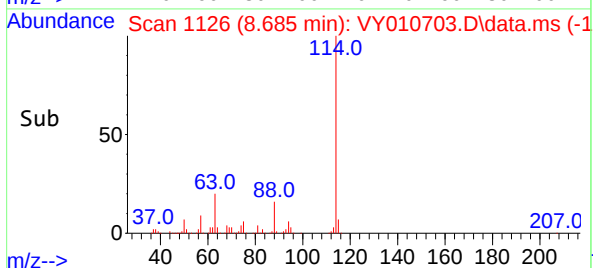
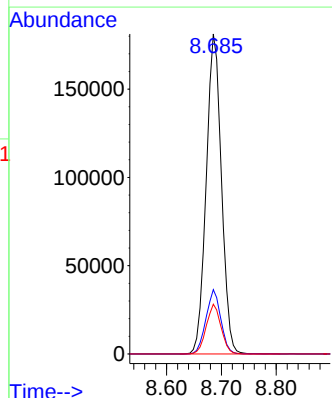
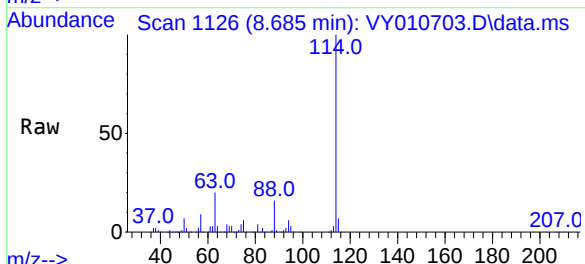
Tgt Ion: 114 Resp: 348001

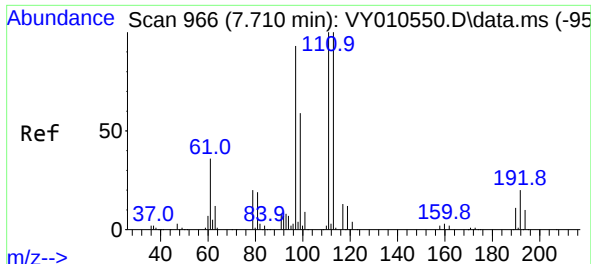
Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 15.5 0.0 31.8

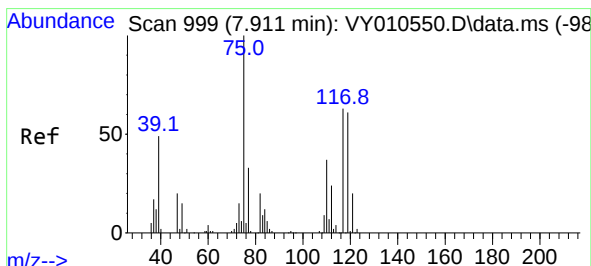
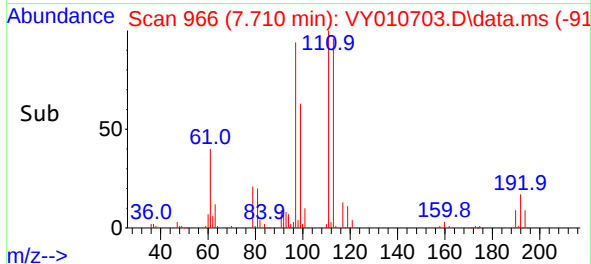
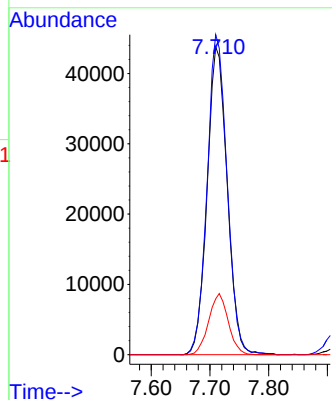
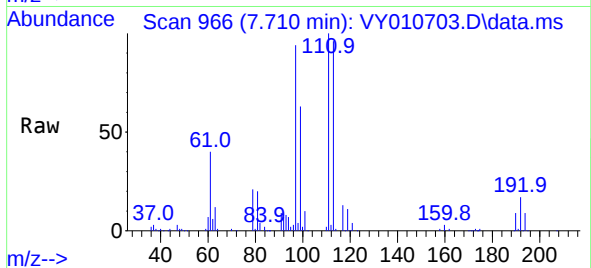




#35  
Dibromofluoromethane  
Concen: 46.796 ug/l  
RT: 7.710 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

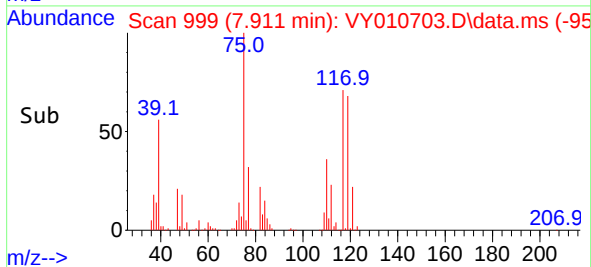
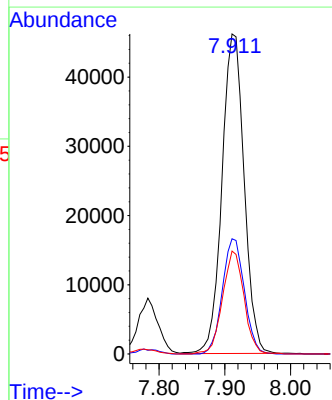
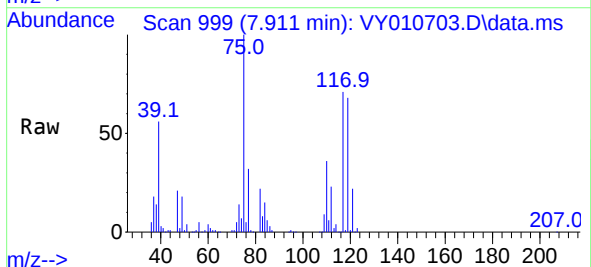
Instrument :  
MSVOA\_Y  
ClientSampleId :

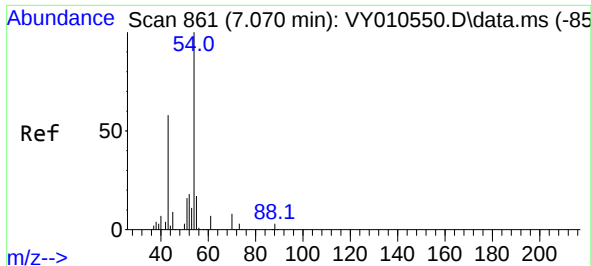
Tgt Ion:113 Resp: 103931  
Ion Ratio Lower Upper  
113 100  
111 103.5 82.6 124.0  
192 19.4 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 43.809 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion: 75 Resp: 108411  
Ion Ratio Lower Upper  
75 100  
110 35.7 17.1 51.2  
77 31.2 24.4 36.6

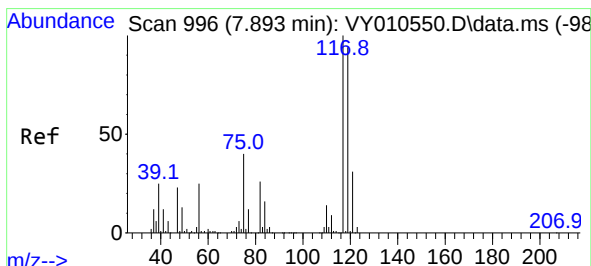
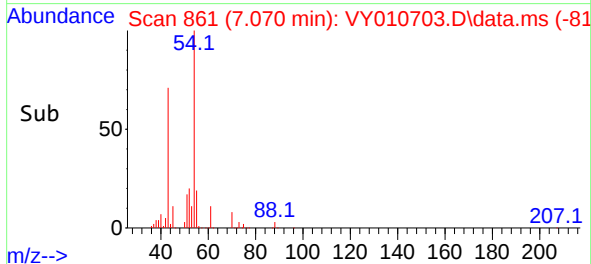
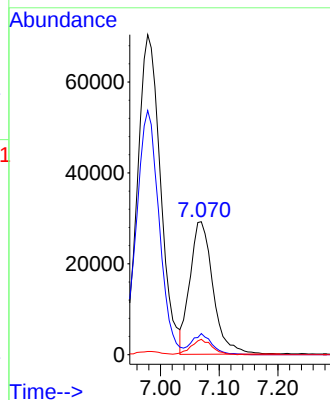
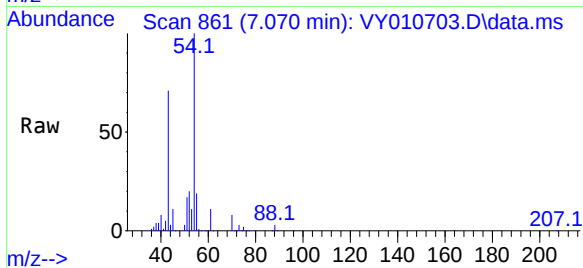




#37  
Ethyl Acetate  
Concen: 55.632 ug/l  
RT: 7.070 min Scan# 861  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

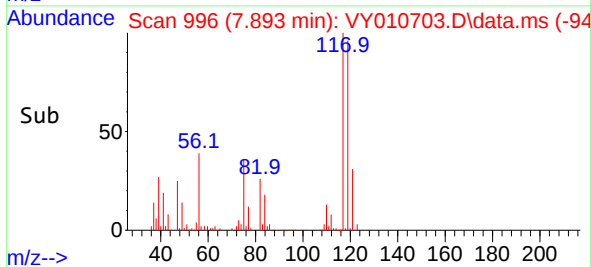
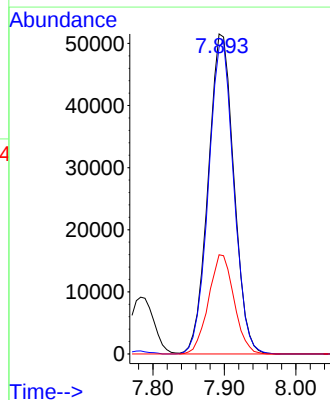
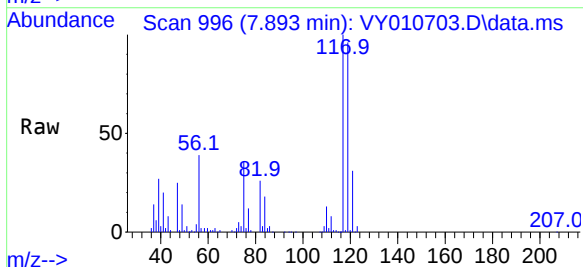
Instrument :  
MSVOA\_Y  
ClientSampleId :

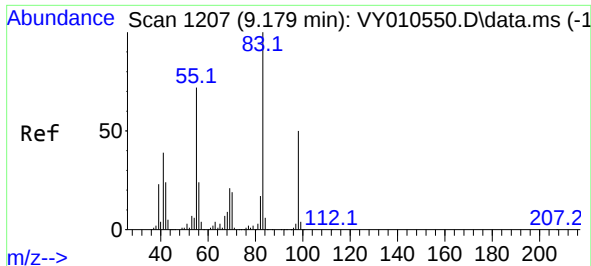
Tgt Ion: 43 Resp: 79517  
Ion Ratio Lower Upper  
43 100  
61 14.0 9.7 14.5  
70 10.5 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 45.097 ug/l  
RT: 7.893 min Scan# 996  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion: 117 Resp: 128318  
Ion Ratio Lower Upper  
117 100  
119 95.9 77.9 116.9  
121 31.0 24.8 37.2





#39

Methylcyclohexane

Concen: 40.428 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010703.D

Acq: 27 Sep 2022 17:08

Instrument :

MSVOA\_Y

ClientSampleId :

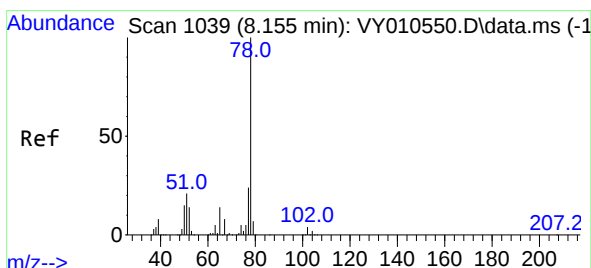
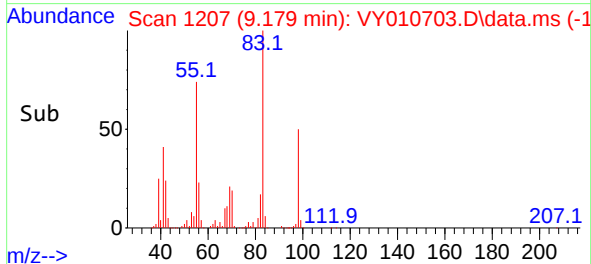
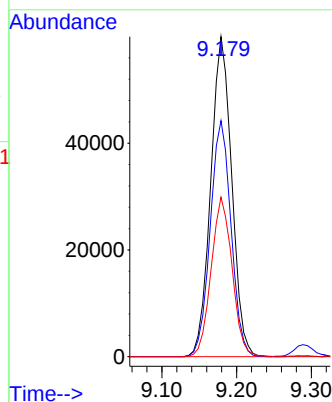
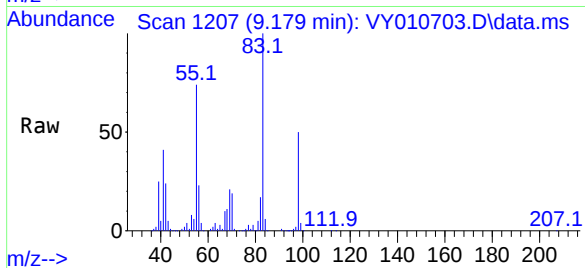
Tgt Ion: 83 Resp: 117094

Ion Ratio Lower Upper

83 100

55 73.7 66.5 99.7

98 49.9 37.9 56.9



#40

Benzene

Concen: 45.948 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY010703.D

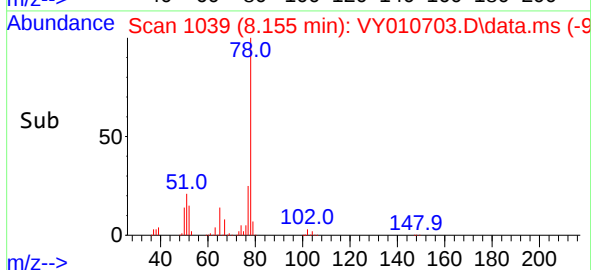
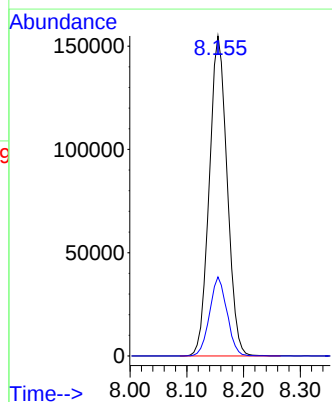
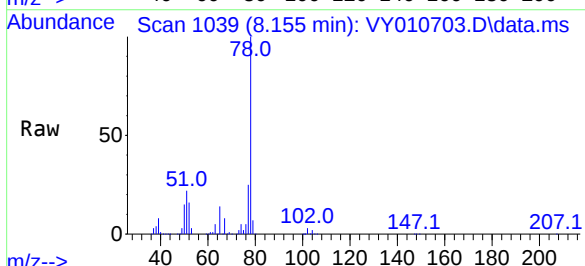
Acq: 27 Sep 2022 17:08

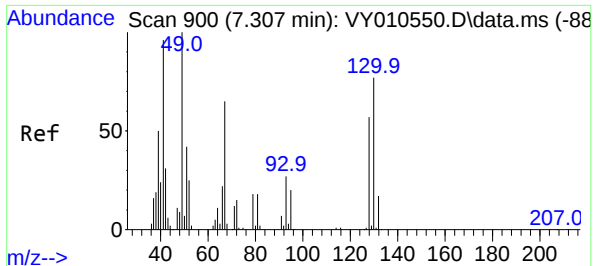
Tgt Ion: 78 Resp: 338966

Ion Ratio Lower Upper

78 100

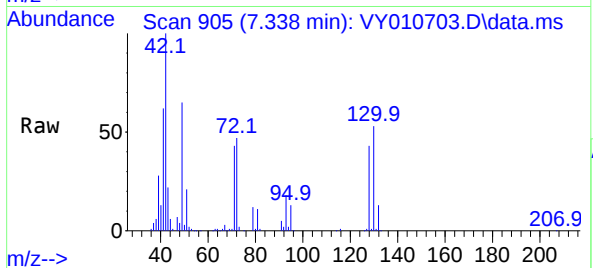
77 24.7 20.4 30.6



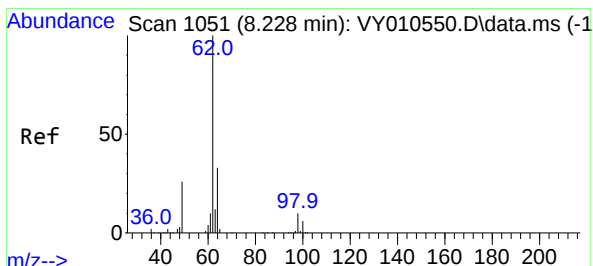
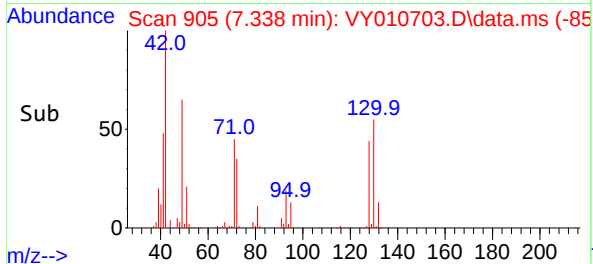
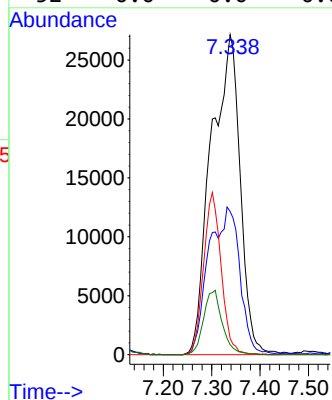


#41  
Methacrylonitrile  
Concen: 155.009 ug/l  
RT: 7.338 min Scan# 90  
Delta R.T. 0.031 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Instrument :  
MSVOA\_Y  
ClientSampleId :

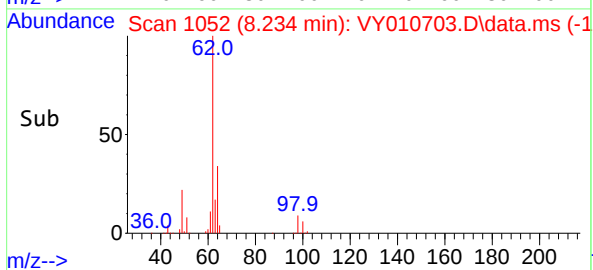
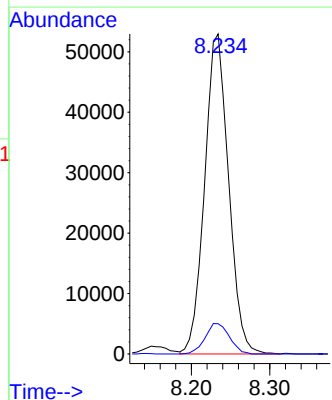
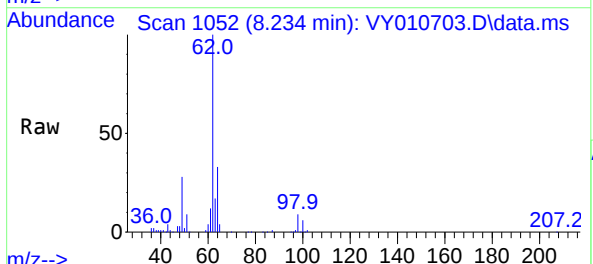


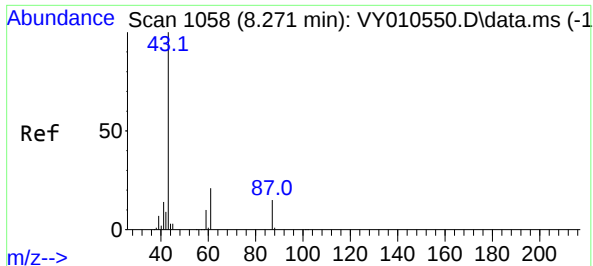
Tgt Ion: 41 Resp: 113007  
Ion Ratio Lower Upper  
41 100  
39 0.0 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 49.545 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. 0.006 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion: 62 Resp: 112549  
Ion Ratio Lower Upper  
62 100  
98 9.6 0.0 14.8

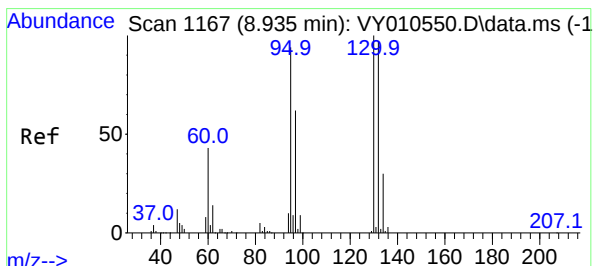
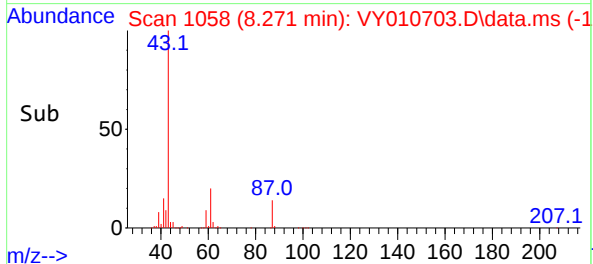
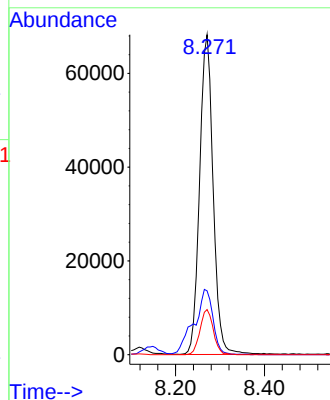
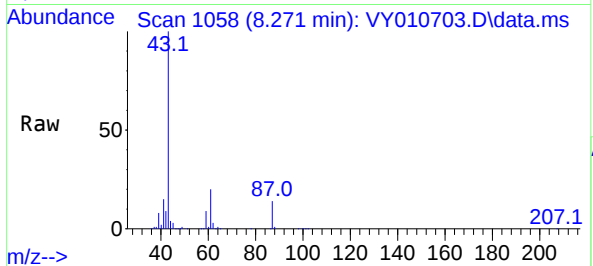




#43  
Isopropyl Acetate  
Concen: 55.173 ug/l  
RT: 8.271 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

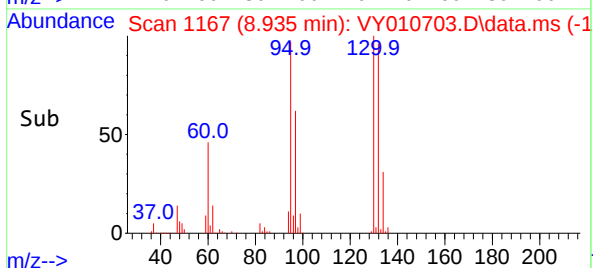
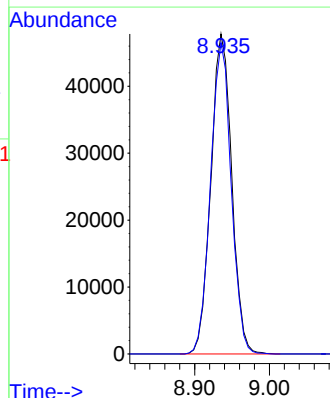
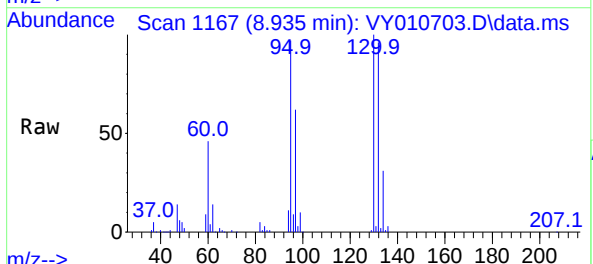
Instrument :  
MSVOA\_Y  
ClientSampleId :

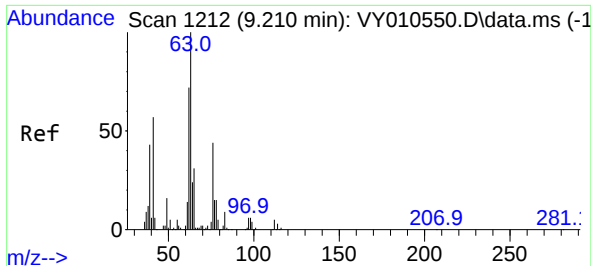
Tgt Ion: 43 Resp: 144555  
Ion Ratio Lower Upper  
43 100  
61 28.6 20.2 30.2  
87 14.0 8.9 13.3#



#44  
Trichloroethene  
Concen: 43.902 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion:130 Resp: 92712  
Ion Ratio Lower Upper  
130 100  
95 97.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 50.350 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.001 min

Lab File: VY010703.D

Acq: 27 Sep 2022 17:08

Instrument :

MSVOA\_Y

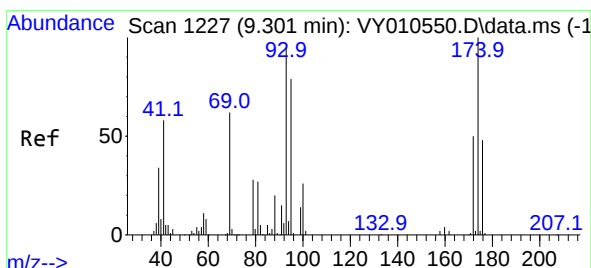
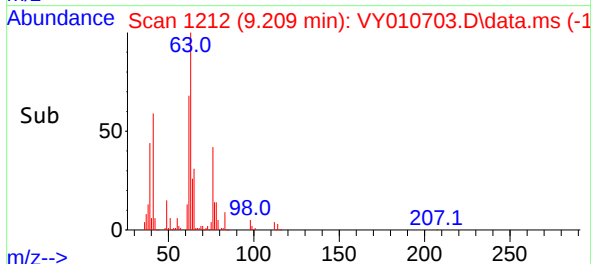
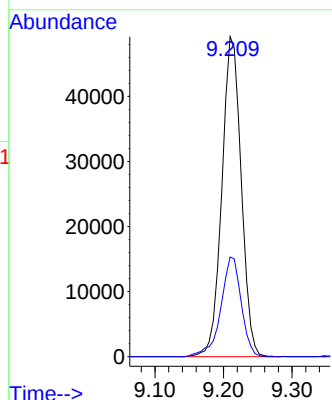
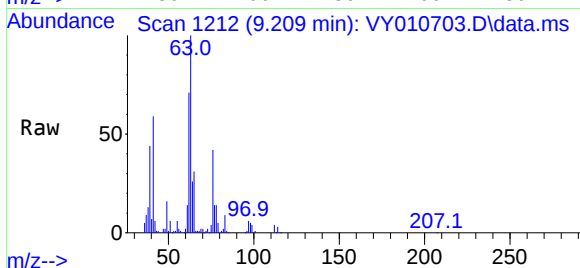
ClientSampleId :

Tgt Ion: 63 Resp: 96090

Ion Ratio Lower Upper

63 100

65 31.1 23.0 34.6



#46

Dibromomethane

Concen: 48.361 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010703.D

Acq: 27 Sep 2022 17:08

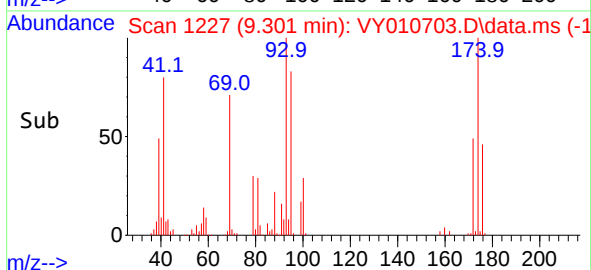
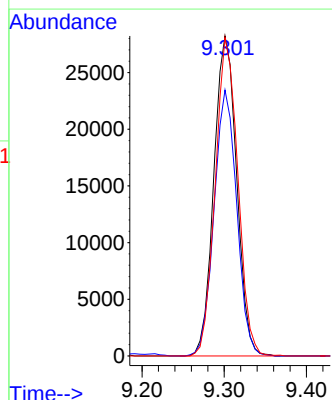
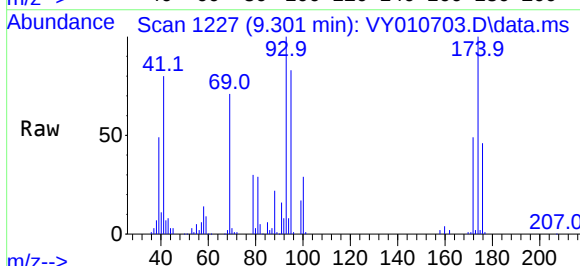
Tgt Ion: 93 Resp: 54199

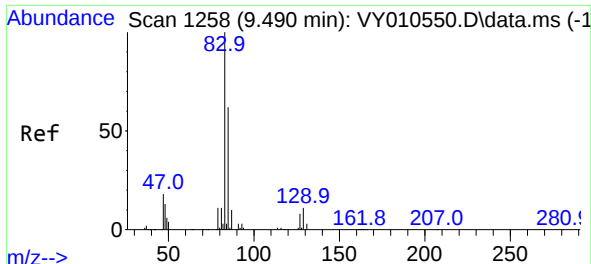
Ion Ratio Lower Upper

93 100

95 82.8 64.3 96.5

174 98.8 83.4 125.0





#47

Bromodichloromethane

Concen: 51.451 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VY010703.D

Acq: 27 Sep 2022 17:08

Instrument :

MSVOA\_Y

ClientSampleId :

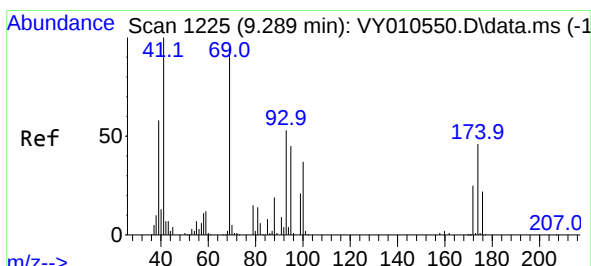
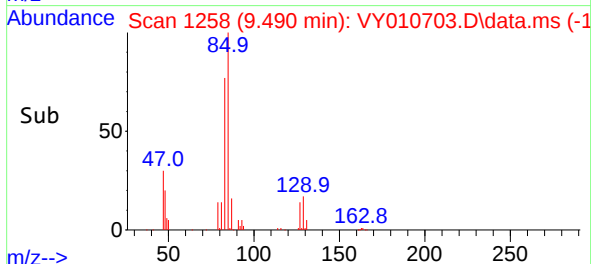
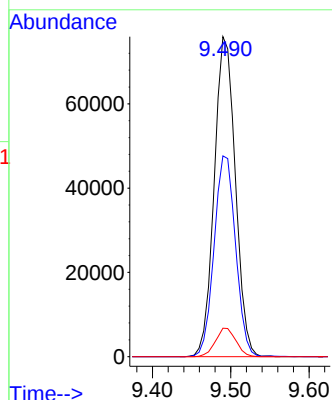
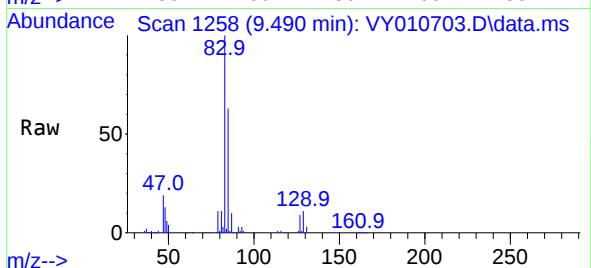
Tgt Ion: 83 Resp: 142377

Ion Ratio Lower Upper

83 100

85 62.7 51.9 77.9

127 8.9 6.6 10.0



#48

Methyl methacrylate

Concen: 57.411 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY010703.D

Acq: 27 Sep 2022 17:08

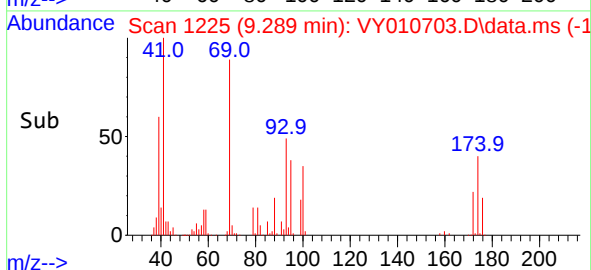
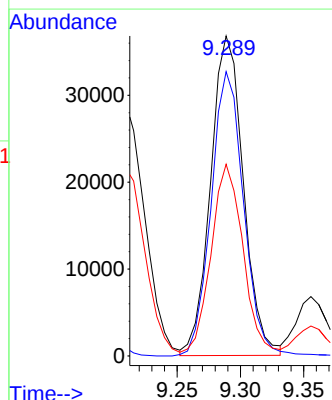
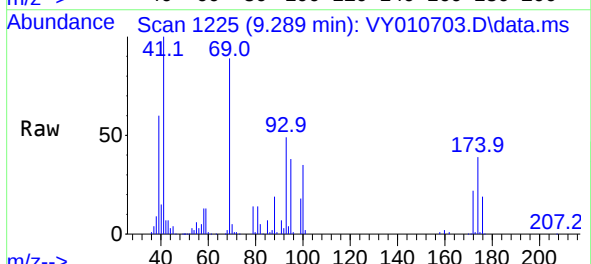
Tgt Ion: 41 Resp: 66400

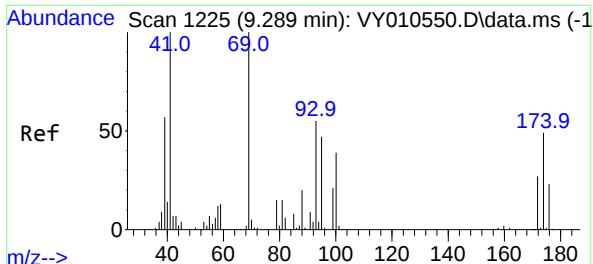
Ion Ratio Lower Upper

41 100

69 88.3 58.2 87.2#

39 58.9 47.4 71.0

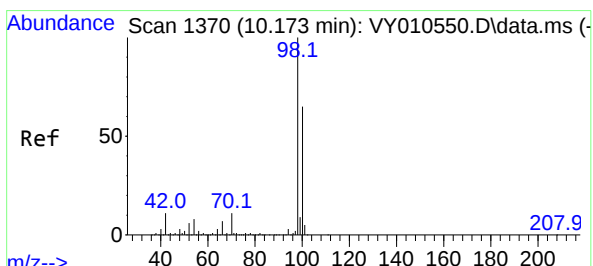
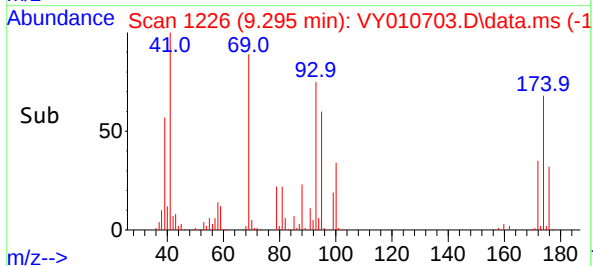
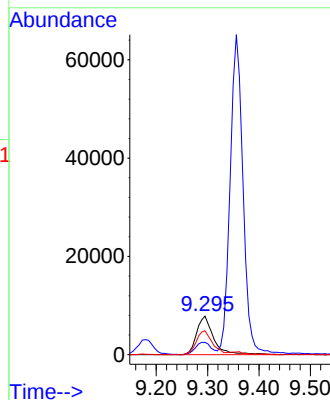
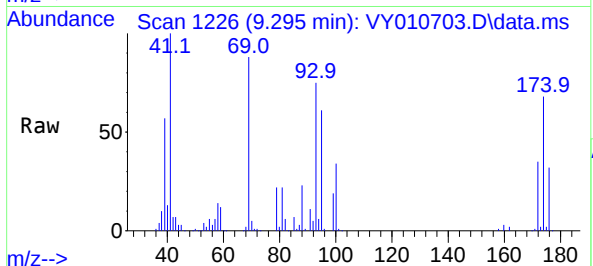




#49  
1,4-Dioxane  
Concen: 1096.589 ug/l  
RT: 9.295 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

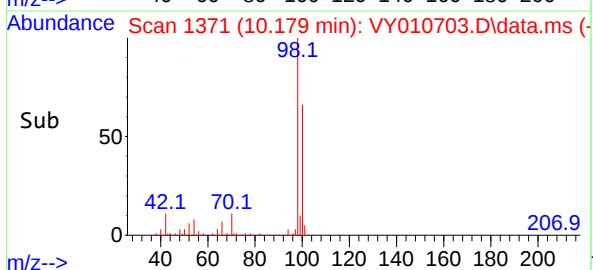
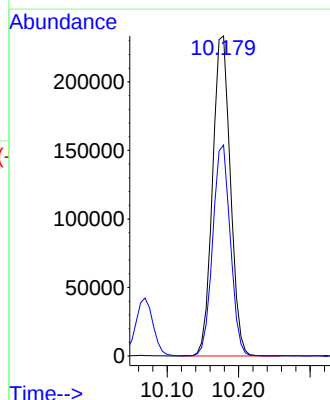
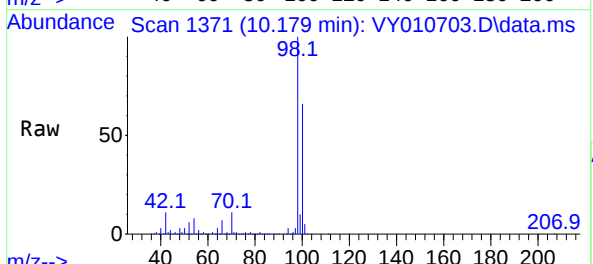
Instrument :  
MSVOA\_Y  
ClientSampleId :

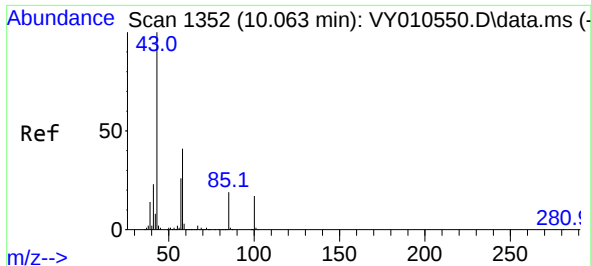
Tgt Ion: 88 Resp: 18072  
Ion Ratio Lower Upper  
88 100  
43 30.8 32.8 49.2#  
58 58.7 59.8 89.6#



#50  
Toluene-d8  
Concen: 49.352 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. 0.006 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion: 98 Resp: 404734  
Ion Ratio Lower Upper  
98 100  
100 65.0 50.2 75.2

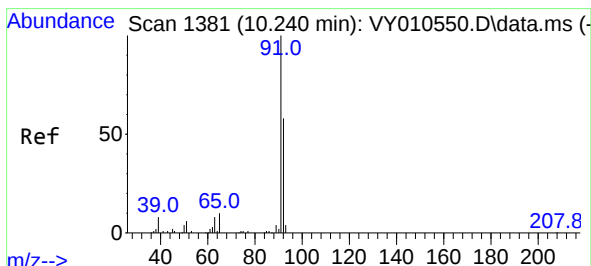
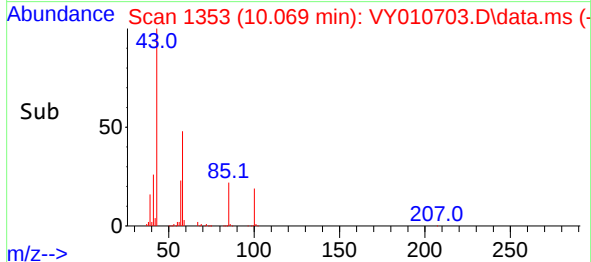
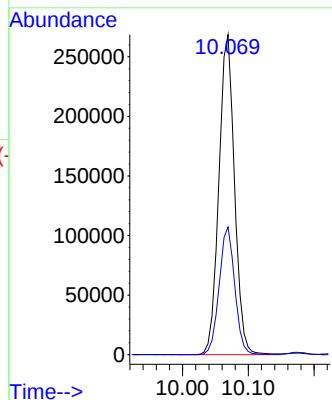
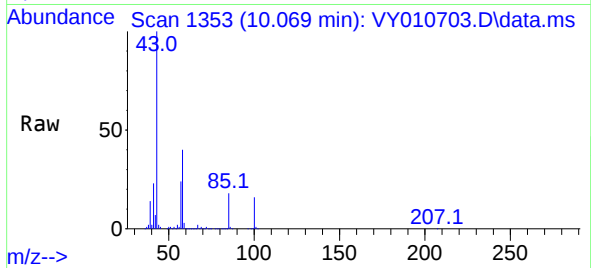




#51  
4-Methyl-2-Pentanone  
Concen: 300.480 ug/l  
RT: 10.069 min Scan# 1352  
Delta R.T. 0.006 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

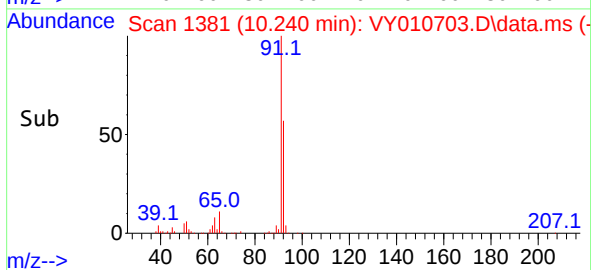
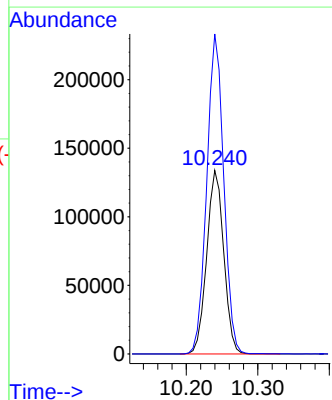
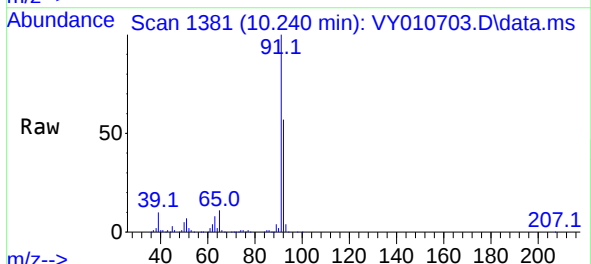
Instrument :  
MSVOA\_Y  
ClientSampleId :

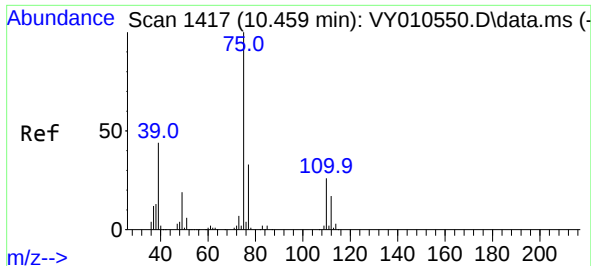
Tgt Ion: 43 Resp: 444473  
Ion Ratio Lower Upper  
43 100  
58 39.9 28.1 42.1



#52  
Toluene  
Concen: 45.857 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion: 92 Resp: 221349  
Ion Ratio Lower Upper  
92 100  
91 173.7 142.6 213.8

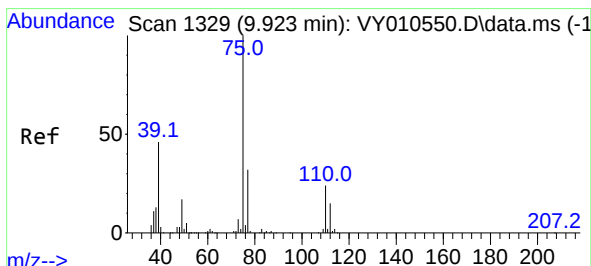
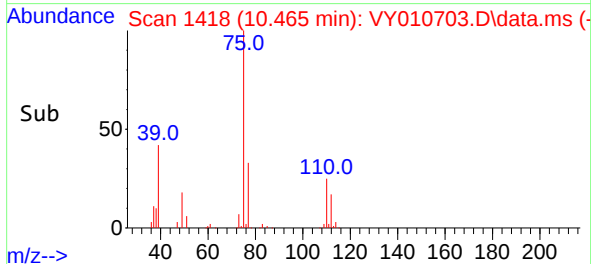
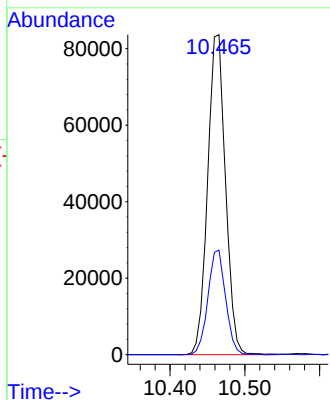
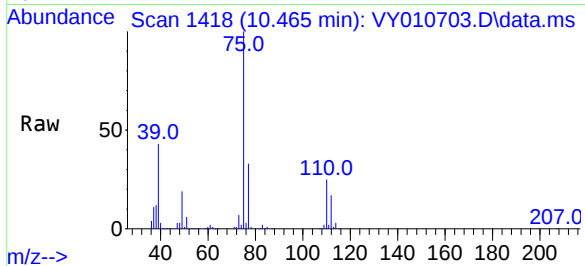




#53  
t-1,3-Dichloropropene  
Concen: 49.629 ug/l  
RT: 10.465 min Scan# 1417  
Delta R.T. 0.006 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

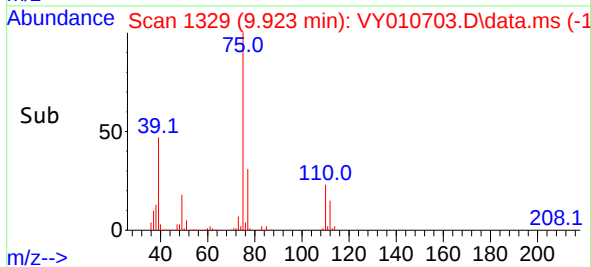
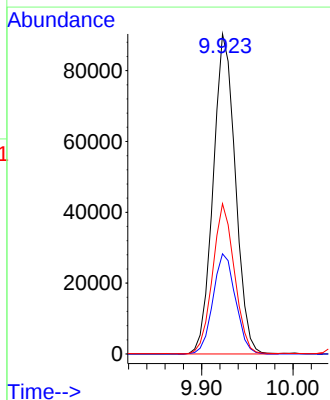
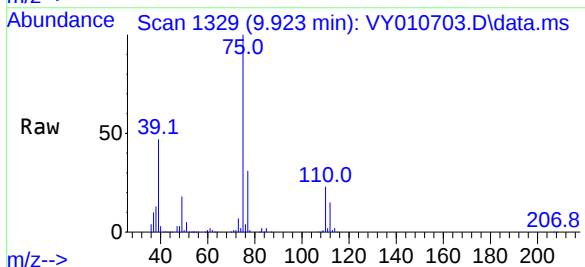
Instrument :  
MSVOA\_Y  
ClientSampleId :

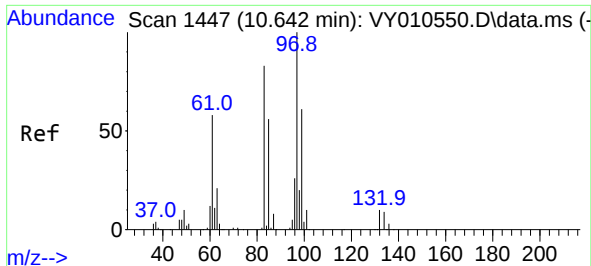
Tgt Ion: 75 Resp: 138867  
Ion Ratio Lower Upper  
75 100  
77 32.7 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 48.843 ug/l  
RT: 9.923 min Scan# 1329  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

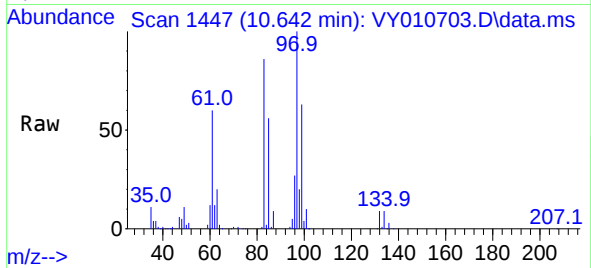
Tgt Ion: 75 Resp: 152370  
Ion Ratio Lower Upper  
75 100  
77 31.3 25.6 38.4  
39 46.9 47.6 71.4#





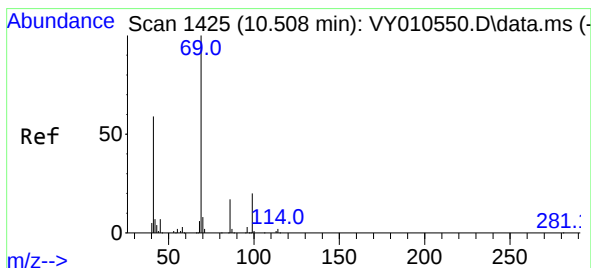
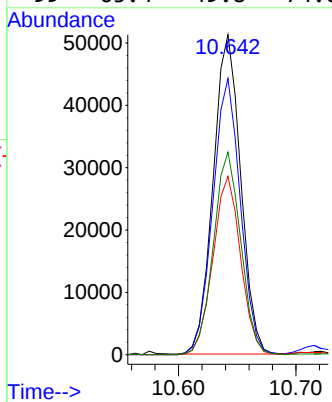
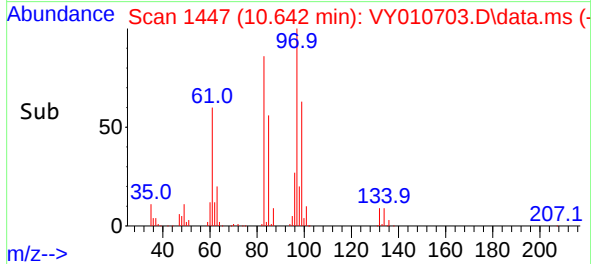
#55  
1,1,2-Trichloroethane  
Concen: 50.565 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Instrument :  
MSVOA\_Y  
ClientSampleId :

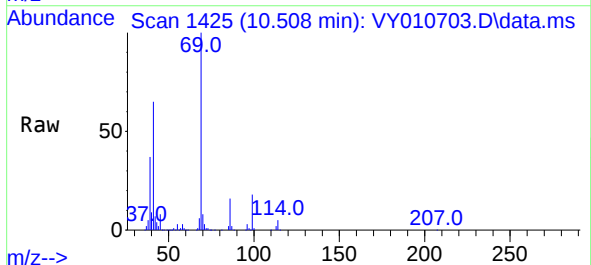


Tgt Ion: 97 Resp: 83356

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.5  | 69.8  | 104.8 |
| 85  | 55.9  | 44.3  | 66.5  |
| 99  | 63.4  | 49.8  | 74.6  |

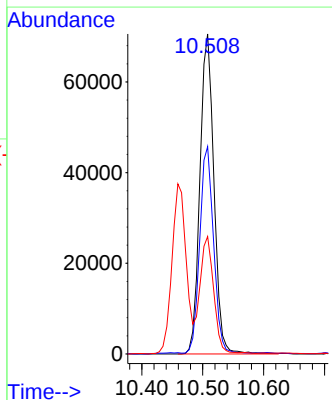
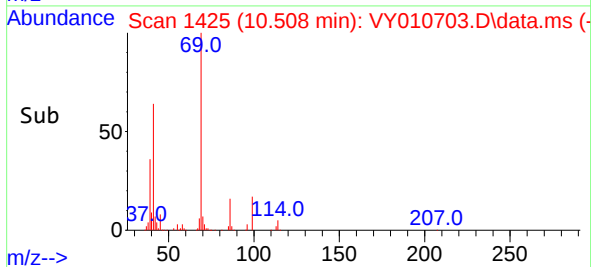


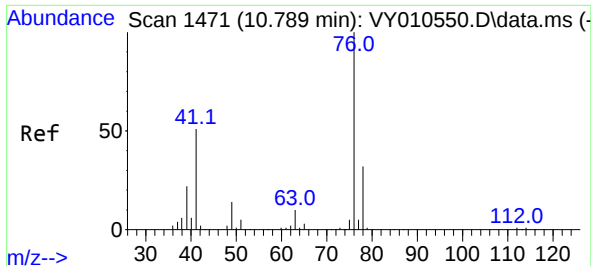
#56  
Ethyl methacrylate  
Concen: 52.810 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08



Tgt Ion: 69 Resp: 112780

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 63.6  | 63.4  | 95.0  |
| 39  | 35.4  | 35.8  | 53.8  |





#57

1,3-Dichloropropane

Concen: 50.438 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY010703.D

Acq: 27 Sep 2022 17:08

Instrument :

MSVOA\_Y

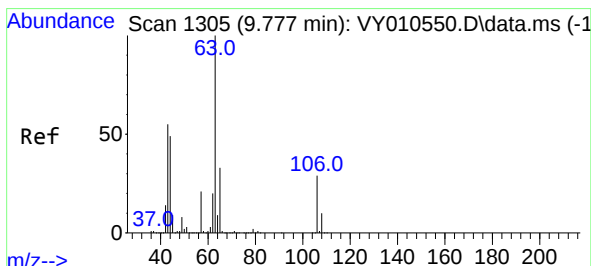
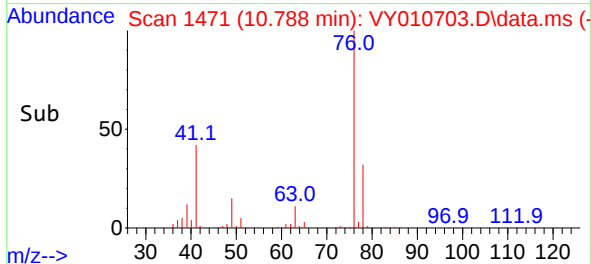
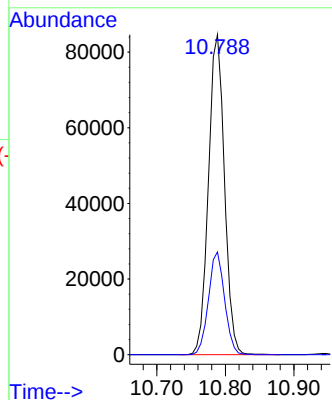
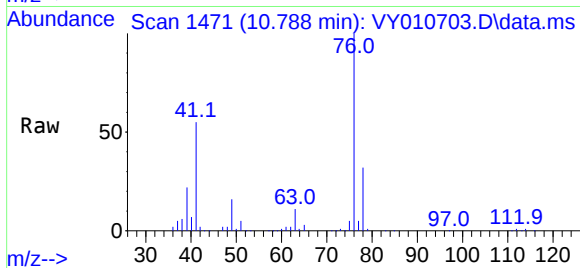
ClientSampleId :

Tgt Ion: 76 Resp: 137728

Ion Ratio Lower Upper

76 100

78 32.2 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 251.559 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.001 min

Lab File: VY010703.D

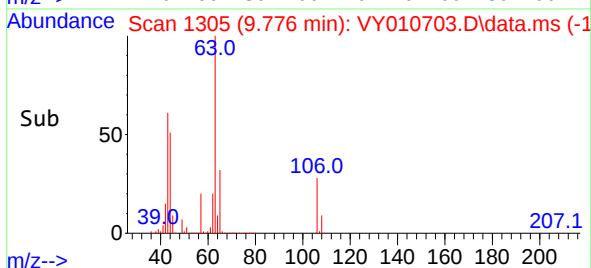
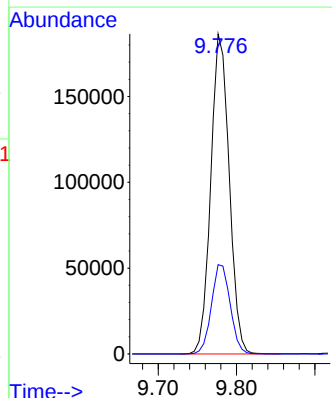
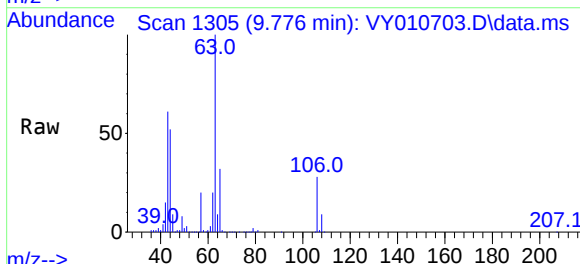
Acq: 27 Sep 2022 17:08

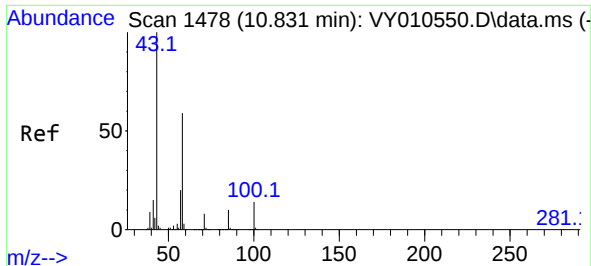
Tgt Ion: 63 Resp: 304295

Ion Ratio Lower Upper

63 100

106 28.3 21.5 32.3

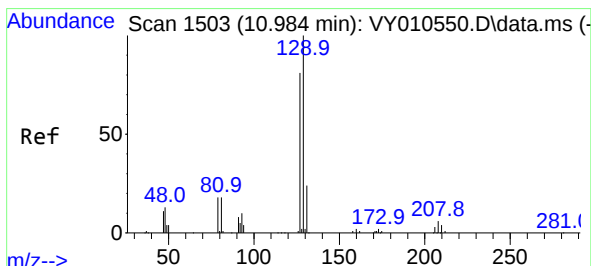
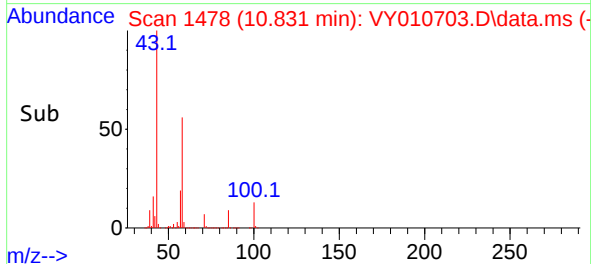
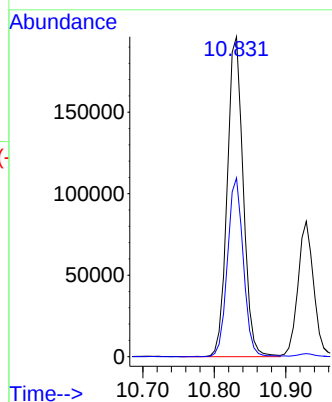
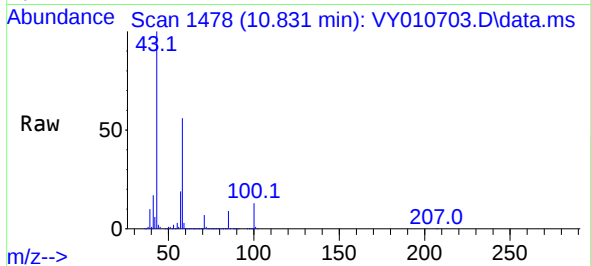




#59  
2-Hexanone  
Concen: 303.996 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

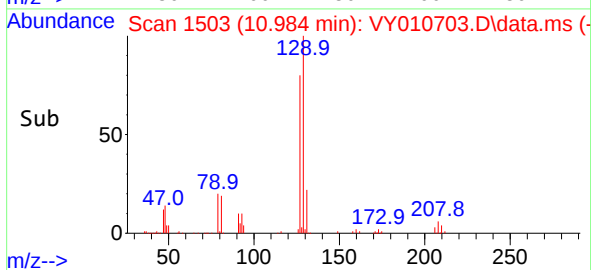
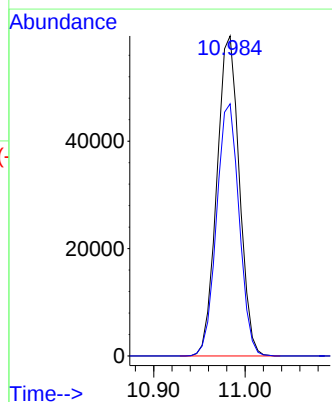
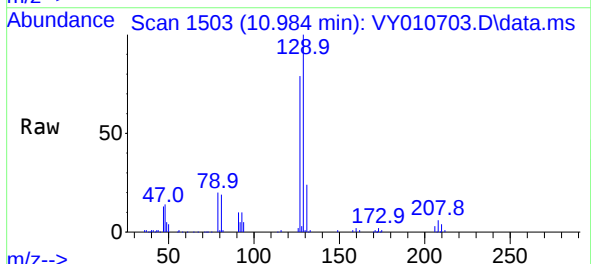
Instrument :  
MSVOA\_Y  
ClientSampleId :

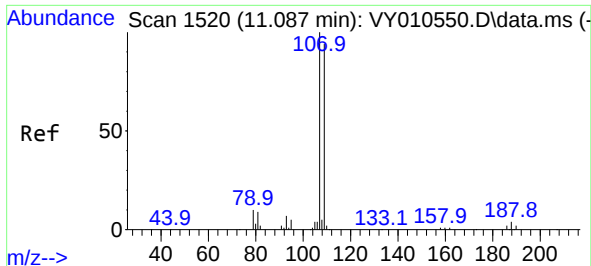
Tgt Ion: 43 Resp: 304790  
Ion Ratio Lower Upper  
43 100  
58 55.2 24.4 73.4



#60  
Dibromochloromethane  
Concen: 50.483 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion:129 Resp: 101842  
Ion Ratio Lower Upper  
129 100  
127 79.1 38.7 116.1

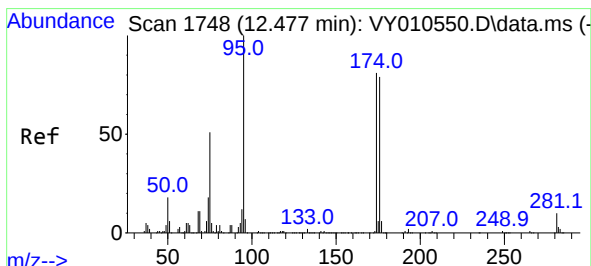
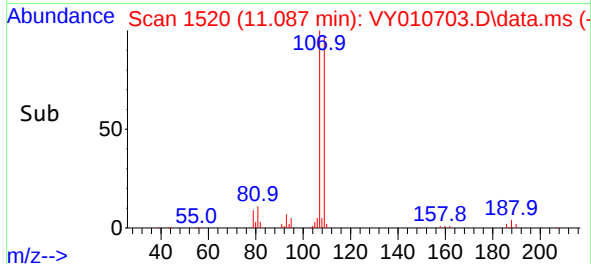
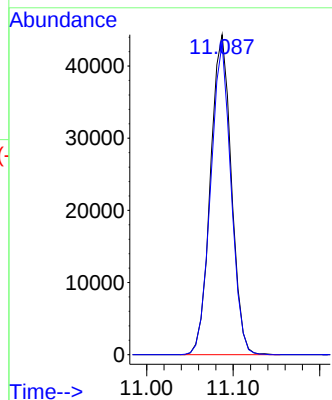
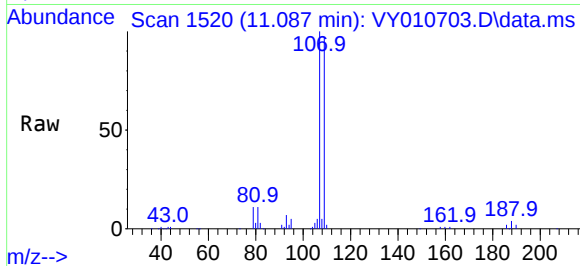




#61  
1,2-Dibromoethane  
Concen: 48.033 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

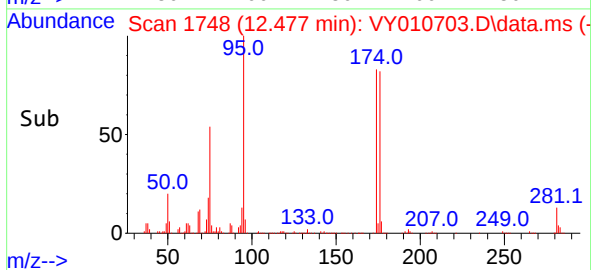
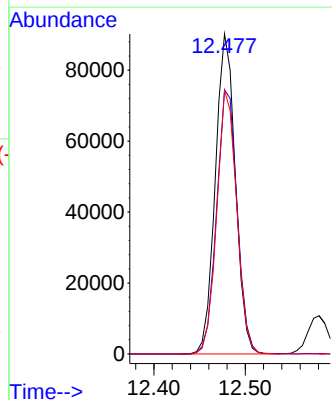
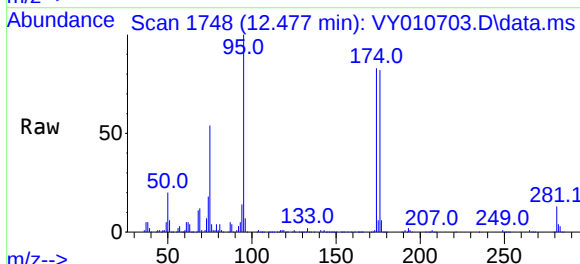
Instrument :  
MSVOA\_Y  
ClientSampleId :

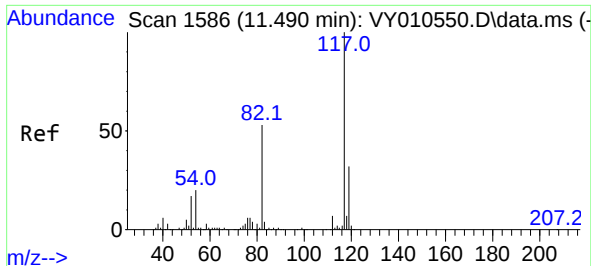
Tgt Ion:107 Resp: 74129  
Ion Ratio Lower Upper  
107 100  
109 94.7 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 44.822 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

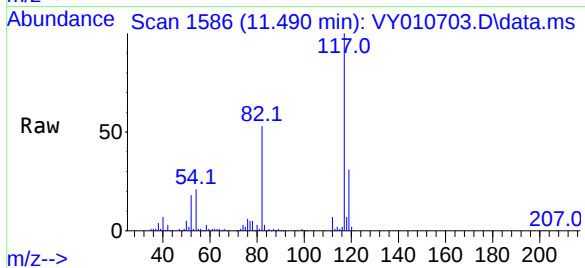
Tgt Ion: 95 Resp: 137392  
Ion Ratio Lower Upper  
95 100  
174 84.7 0.0 177.0  
176 81.7 0.0 175.8



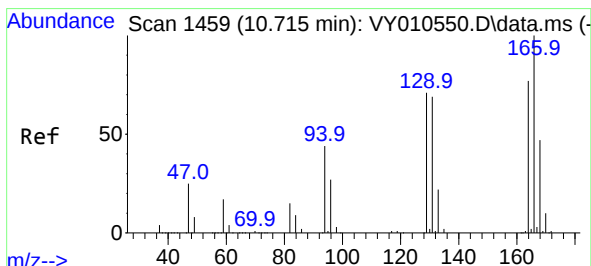
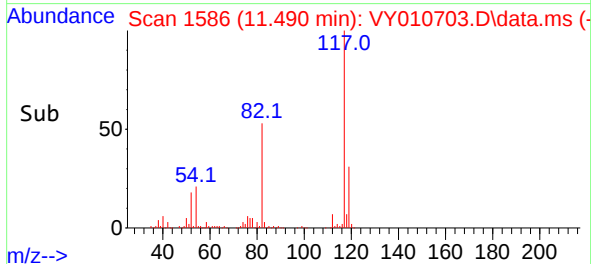
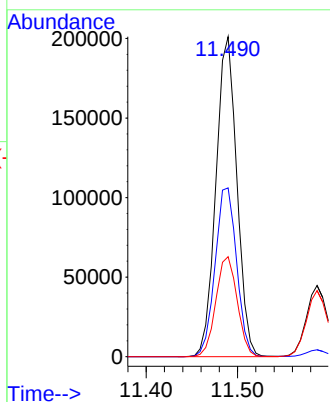


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Instrument :  
MSVOA\_Y  
ClientSampleId :

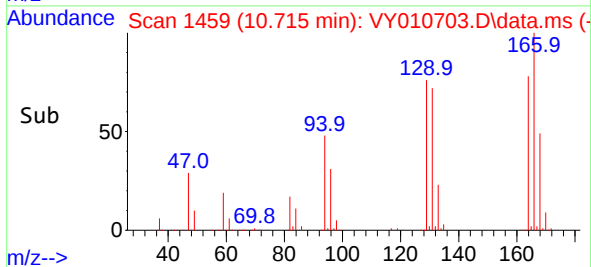
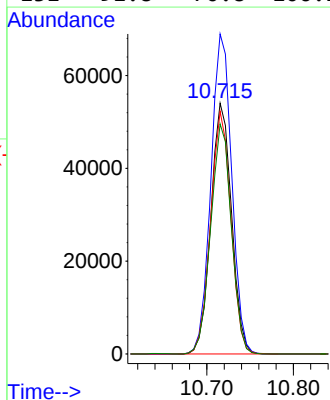
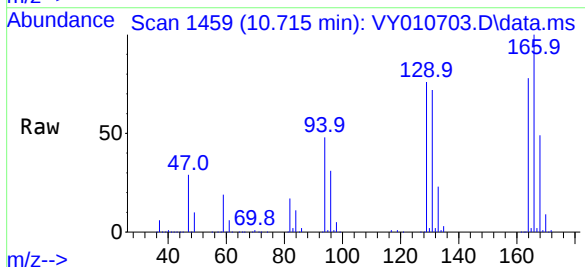


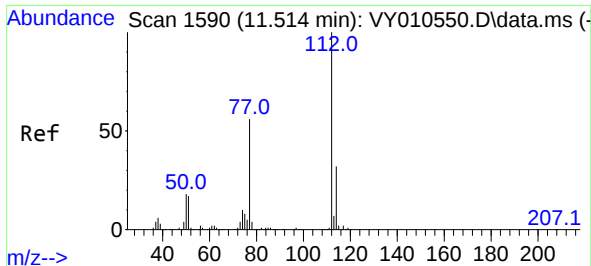
Tgt Ion:117 Resp: 320355  
Ion Ratio Lower Upper  
117 100  
82 52.8 43.0 64.4  
119 31.2 25.4 38.0



#64  
Tetrachloroethene  
Concen: 41.884 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion:164 Resp: 89631  
Ion Ratio Lower Upper  
164 100  
166 127.6 100.4 150.6  
129 96.8 71.4 107.0  
131 91.8 70.8 106.2

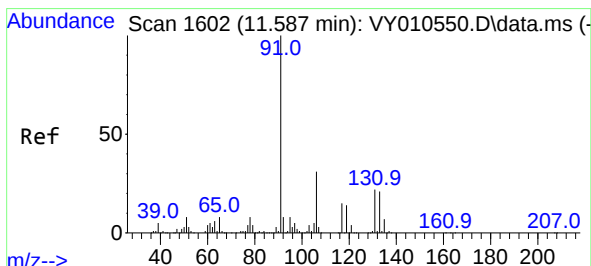
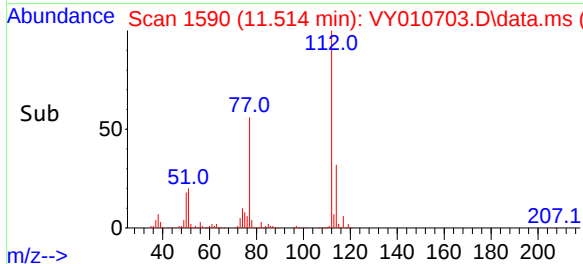
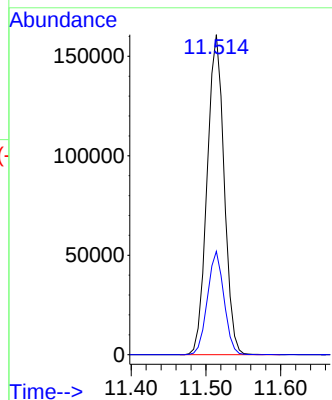
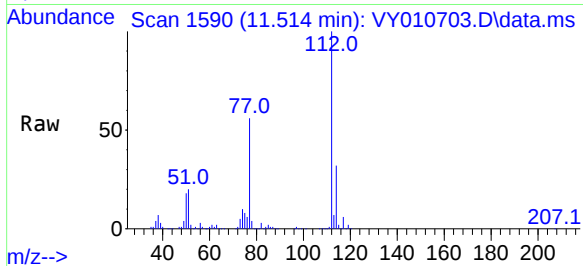




#65  
Chlorobenzene  
Concen: 45.903 ug/l  
RT: 11.514 min Scan# 1590  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

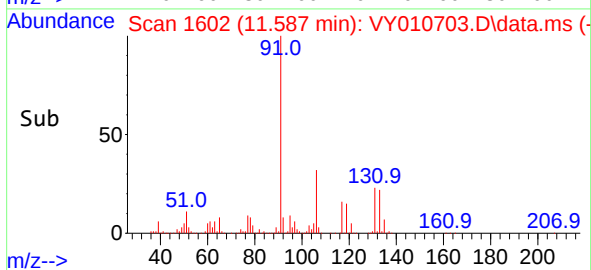
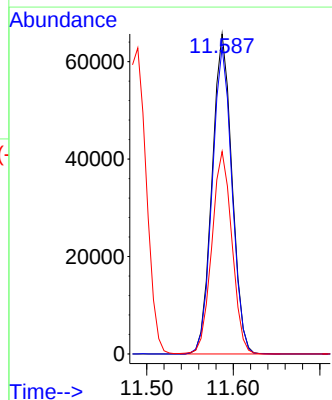
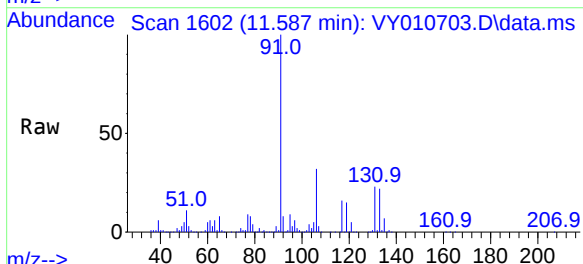
Instrument :  
MSVOA\_Y  
ClientSampleId :

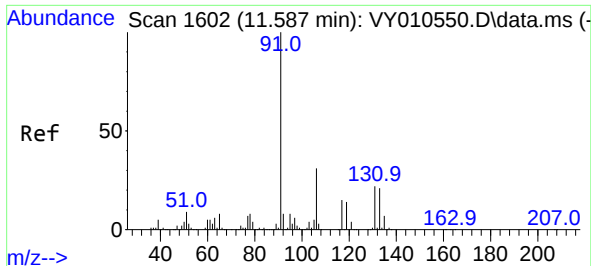
Tgt Ion:112 Resp: 254282  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.566 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion:131 Resp: 104814  
Ion Ratio Lower Upper  
131 100  
133 95.2 47.9 143.6  
119 63.9 30.8 92.3





#67

Ethyl Benzene

Concen: 46.001 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010703.D

Acq: 27 Sep 2022 17:08

Instrument :

MSVOA\_Y

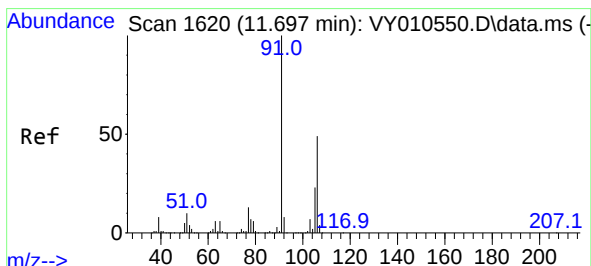
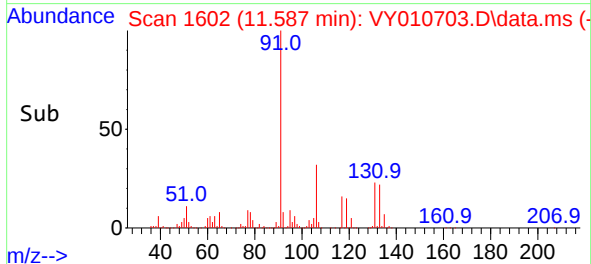
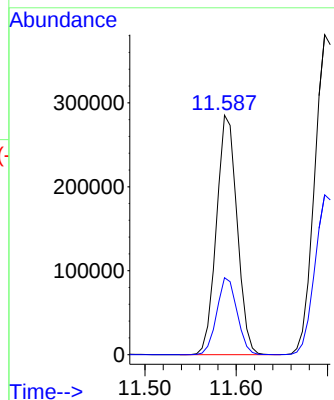
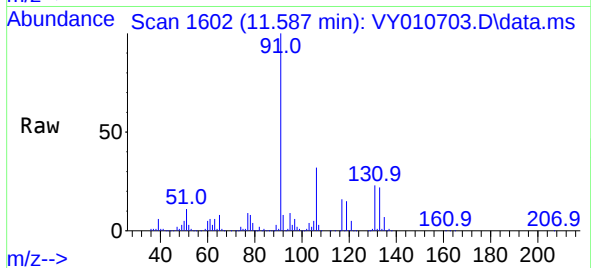
ClientSampleId :

Tgt Ion: 91 Resp: 447473

Ion Ratio Lower Upper

91 100

106 32.1 24.5 36.7



#68

m/p-Xylenes

Concen: 91.351 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY010703.D

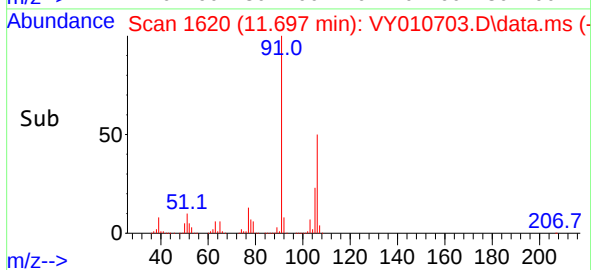
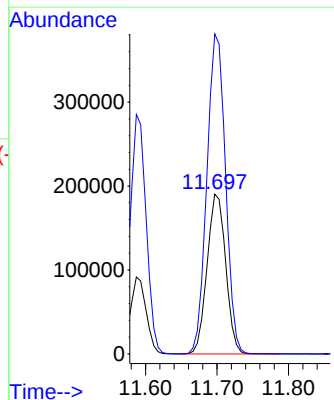
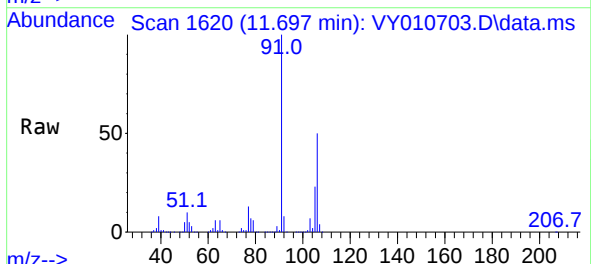
Acq: 27 Sep 2022 17:08

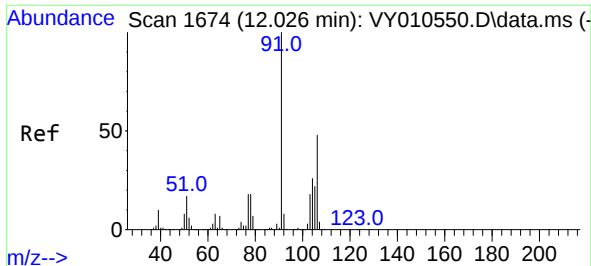
Tgt Ion:106 Resp: 344244

Ion Ratio Lower Upper

106 100

91 200.6 166.6 249.8

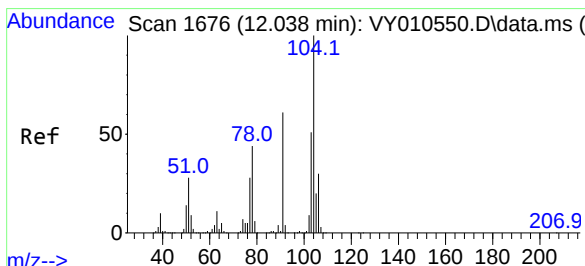
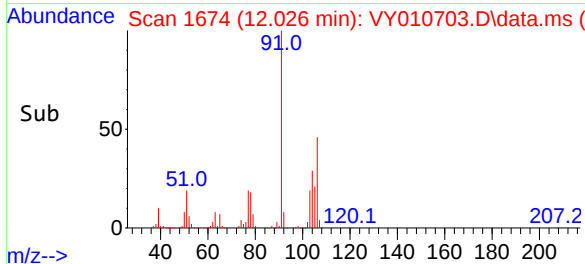
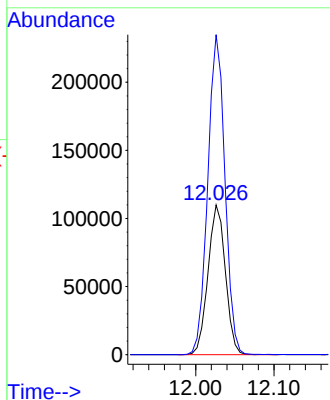
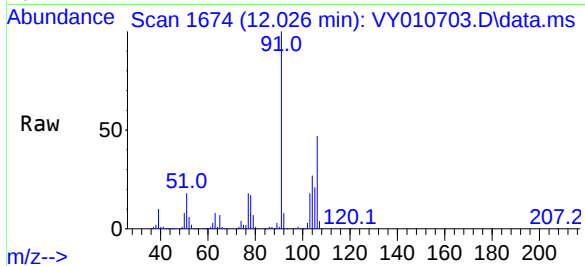




#69  
o-Xylene  
Concen: 46.040 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

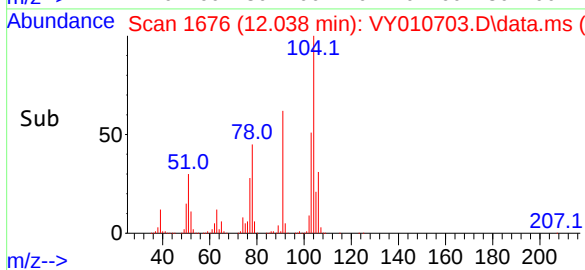
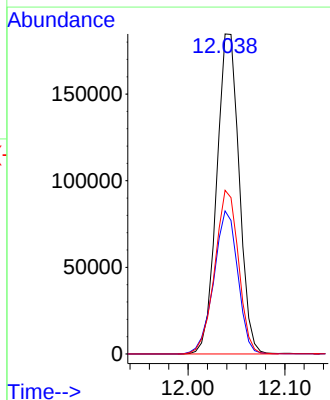
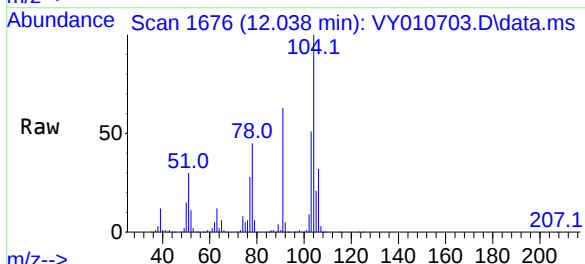
Instrument :  
MSVOA\_Y  
ClientSampleId :

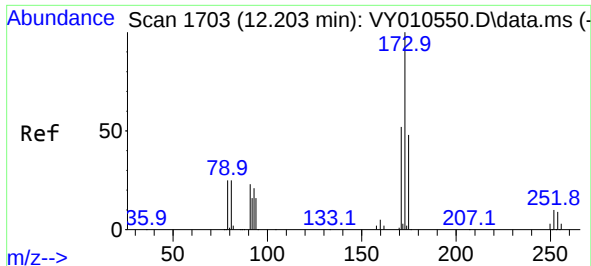
Tgt Ion:106 Resp: 169150  
Ion Ratio Lower Upper  
106 100  
91 211.2 110.3 331.0



#70  
Styrene  
Concen: 47.652 ug/l  
RT: 12.038 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion:104 Resp: 297413  
Ion Ratio Lower Upper  
104 100  
78 47.8 42.4 63.6  
103 54.1 44.4 66.6

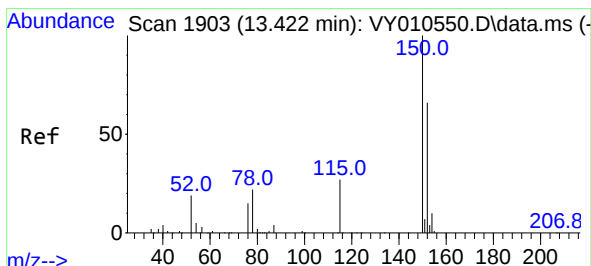
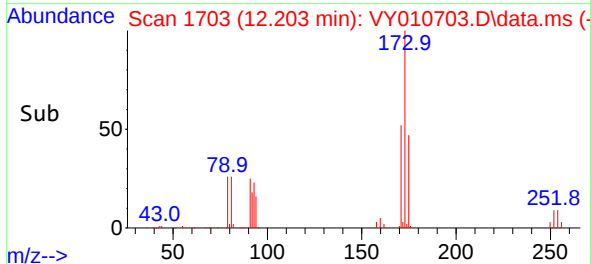
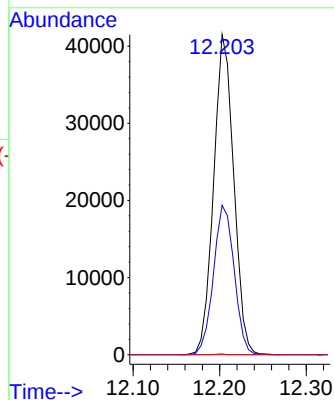
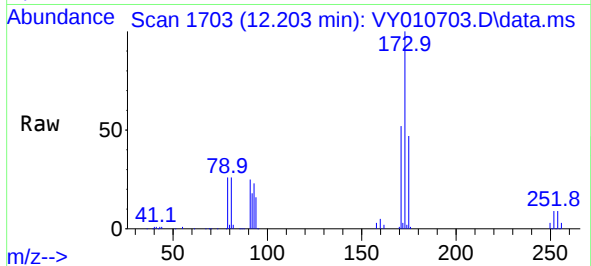




#71  
Bromoform  
Concen: 49.835 ug/l  
RT: 12.203 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

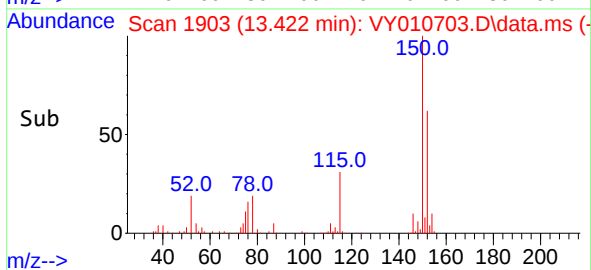
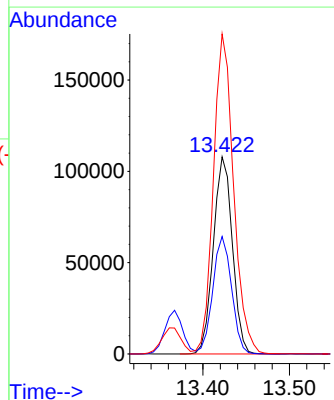
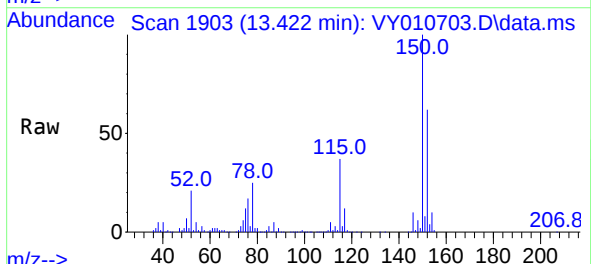
Instrument :  
MSVOA\_Y  
ClientSampleId :

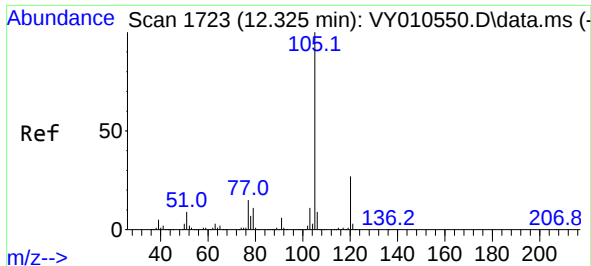
Tgt Ion:173 Resp: 66785  
Ion Ratio Lower Upper  
173 100  
175 48.1 24.6 74.0  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

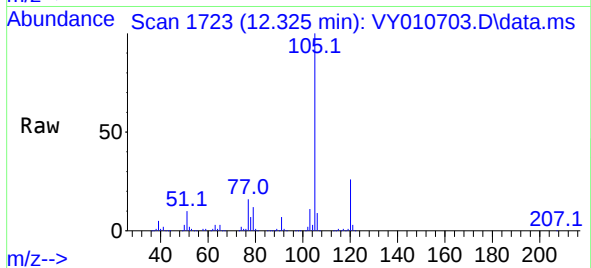
Tgt Ion:152 Resp: 164838  
Ion Ratio Lower Upper  
152 100  
115 58.8 28.2 84.7  
150 172.3 0.0 347.6



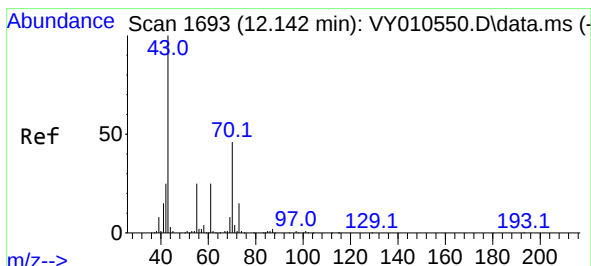
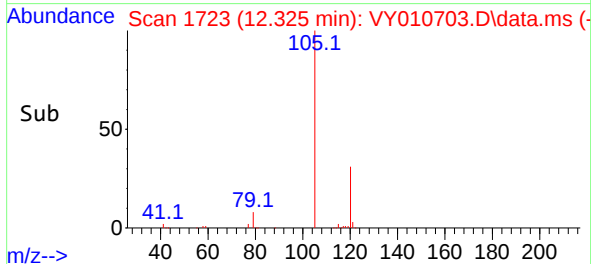
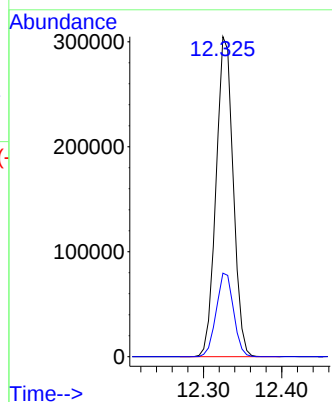


#73  
Isopropylbenzene  
Concen: 45.413 ug/l  
RT: 12.325 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Instrument :  
MSVOA\_Y  
ClientSampleId :

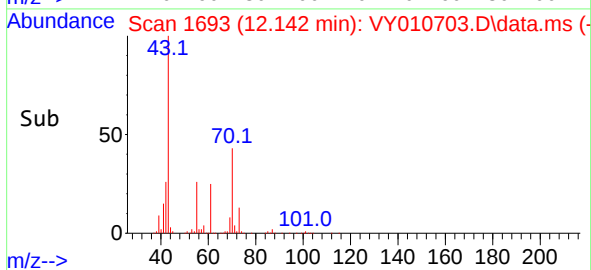
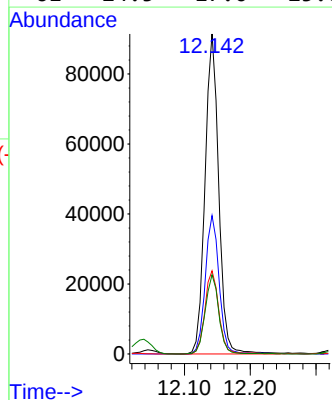
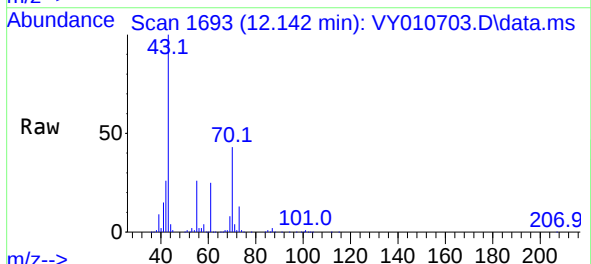


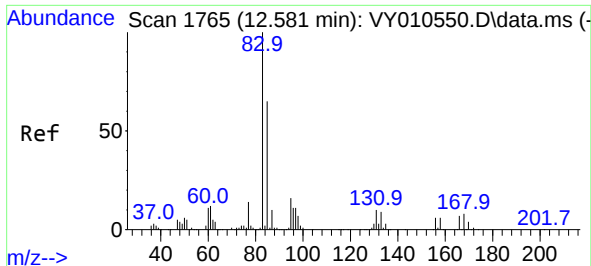
Tgt Ion:105 Resp: 462640  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.4 40.2



#74  
N-ethyl acetate  
Concen: 53.575 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion: 43 Resp: 132351  
Ion Ratio Lower Upper  
43 100  
70 43.6 28.7 43.1#  
55 26.6 17.3 25.9#  
61 24.5 17.0 25.6

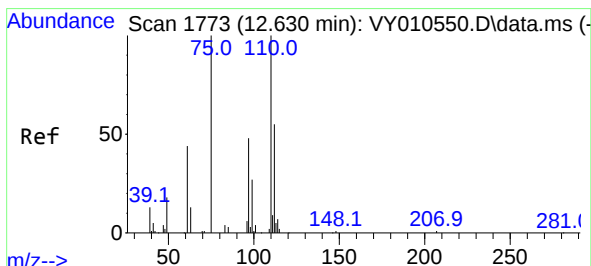
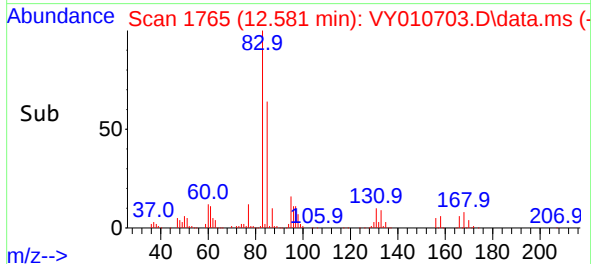
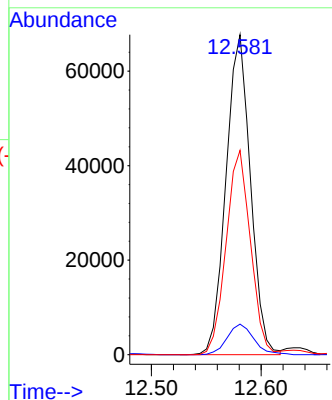
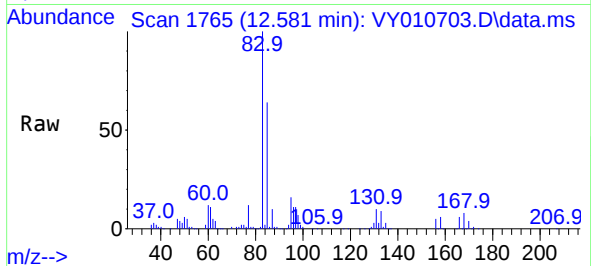




#75  
1,1,2,2-Tetrachloroethane  
Concen: 50.519 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

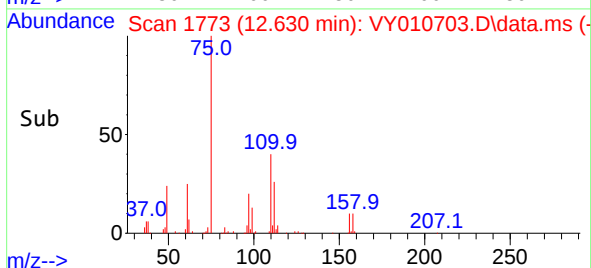
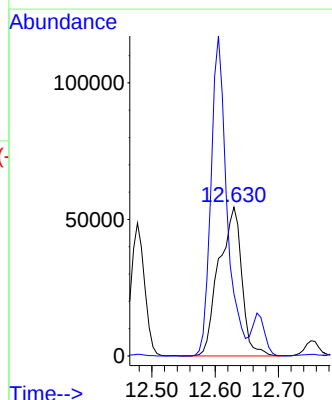
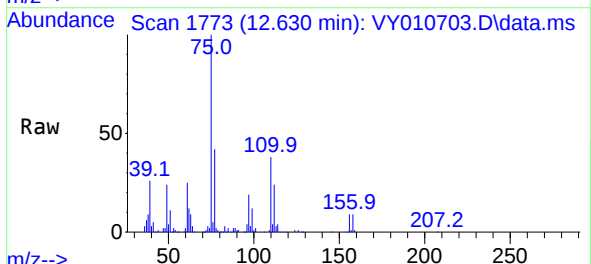
Instrument :  
MSVOA\_Y  
ClientSampleId :

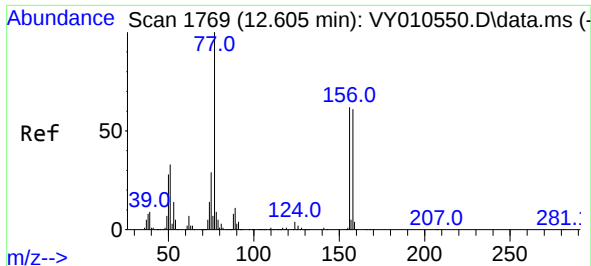
Tgt Ion: 83 Resp: 104873  
Ion Ratio Lower Upper  
83 100  
131 10.4 5.6 16.8  
85 63.8 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 87.102 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion: 75 Resp: 137035  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

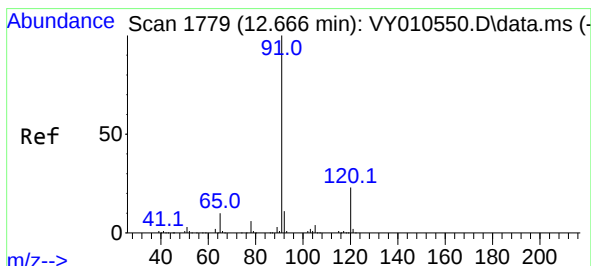
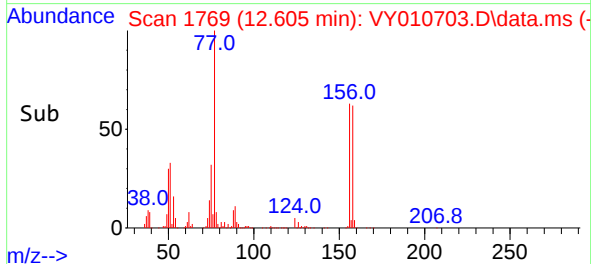
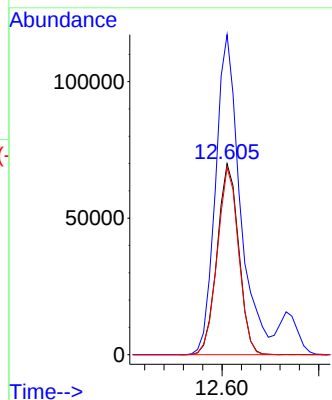
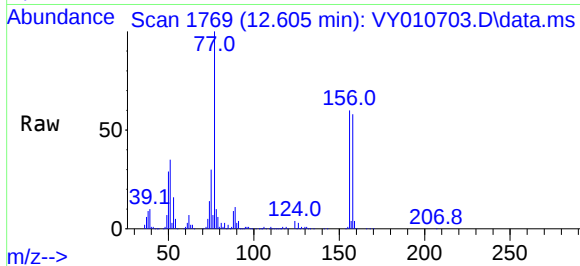




#77  
Bromobenzene  
Concen: 44.503 ug/l  
RT: 12.605 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

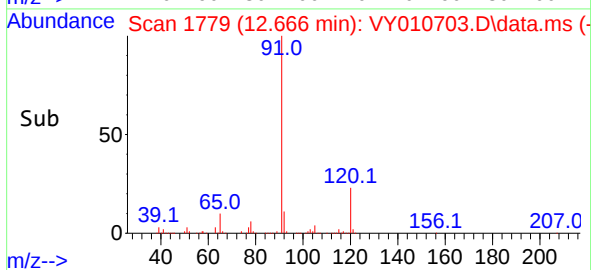
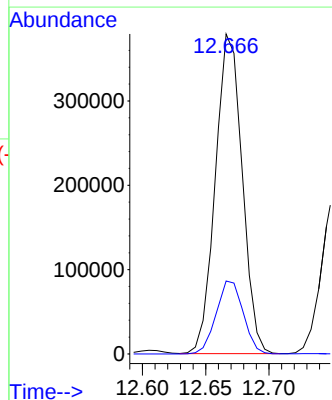
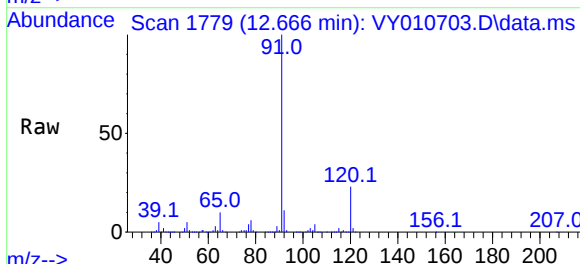
Instrument :  
MSVOA\_Y  
ClientSampleId :

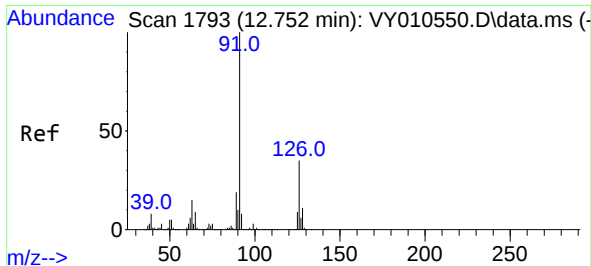
Tgt Ion:156 Resp: 107870  
Ion Ratio Lower Upper  
156 100  
77 190.5 95.5 286.4  
158 97.0 48.0 144.0



#78  
n-propylbenzene  
Concen: 46.053 ug/l  
RT: 12.666 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion: 91 Resp: 558826  
Ion Ratio Lower Upper  
91 100  
120 23.1 11.3 33.9

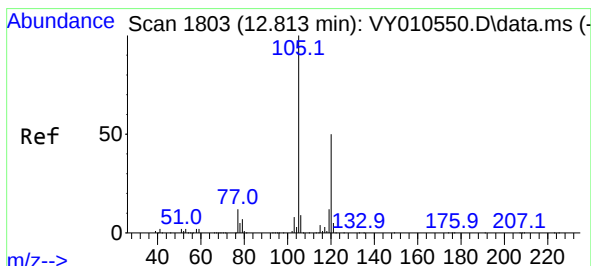
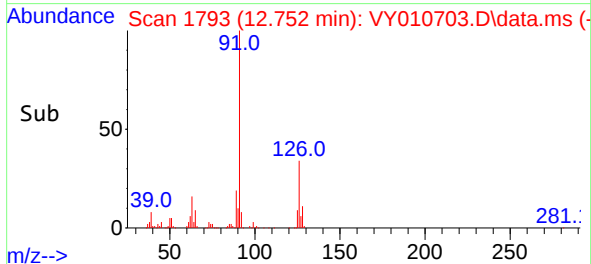
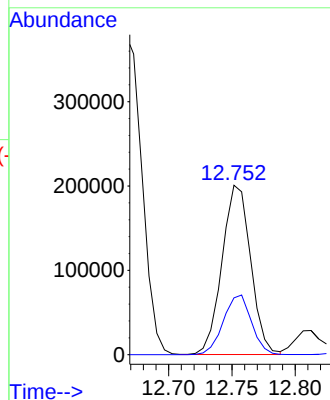
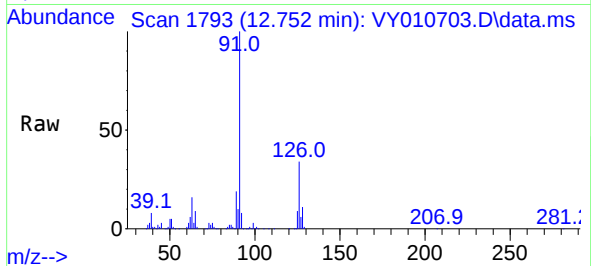




#79  
2-Chlorotoluene  
Concen: 45.778 ug/l  
RT: 12.752 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

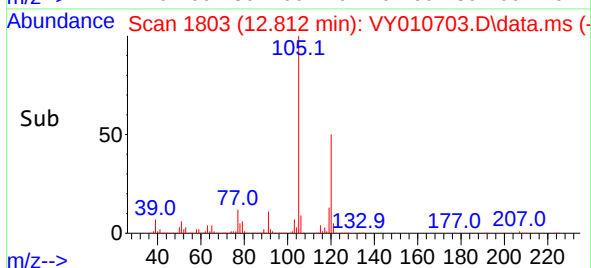
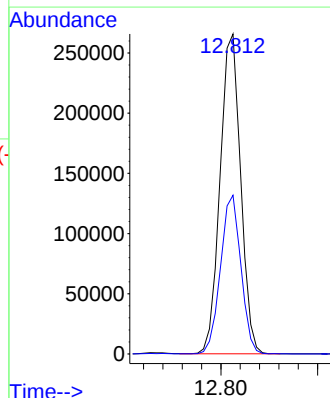
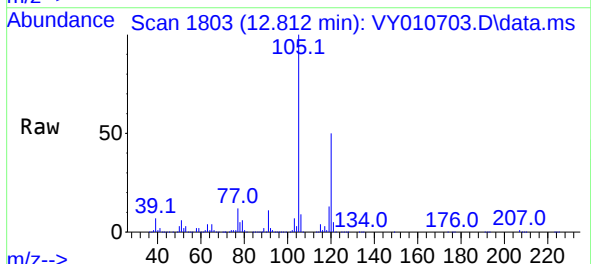
Instrument :  
MSVOA\_Y  
ClientSampleId :

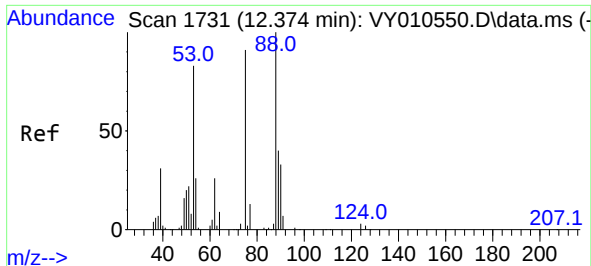
Tgt Ion: 91 Resp: 316517  
Ion Ratio Lower Upper  
91 100  
126 34.7 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 45.471 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.001 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion: 105 Resp: 391398  
Ion Ratio Lower Upper  
105 100  
120 49.3 24.4 73.4

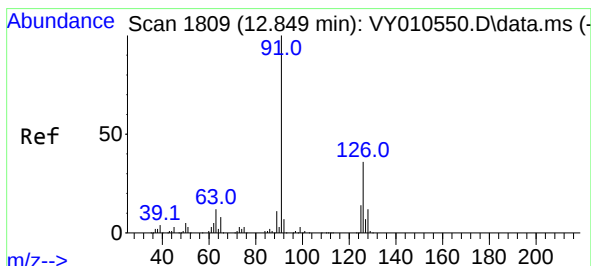
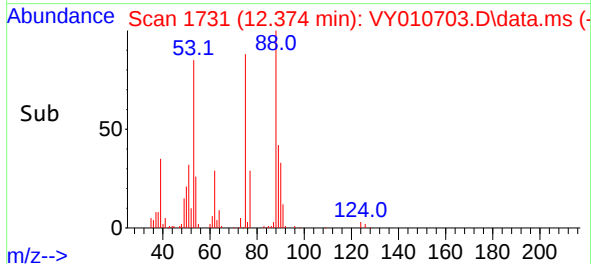
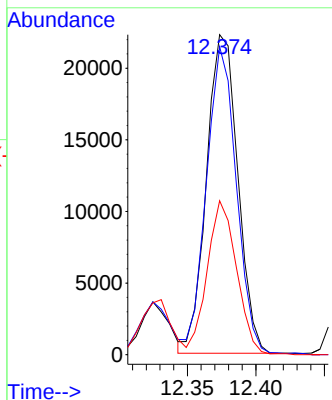
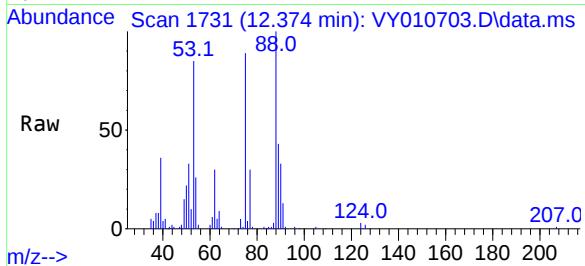




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.004 ug/l  
RT: 12.374 min Scan# 1731  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

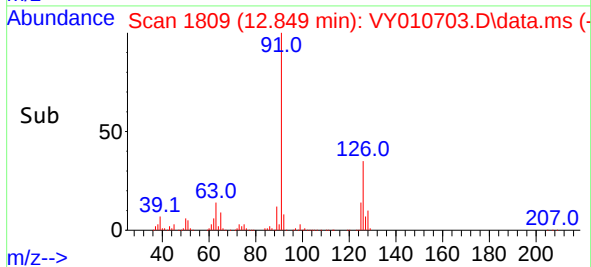
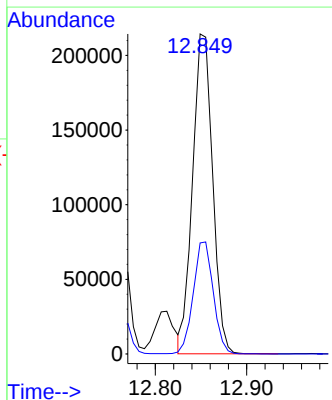
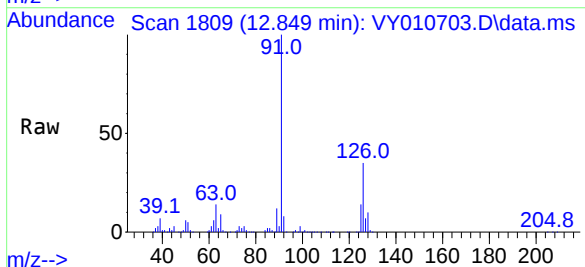
Instrument :  
MSVOA\_Y  
ClientSampleId :

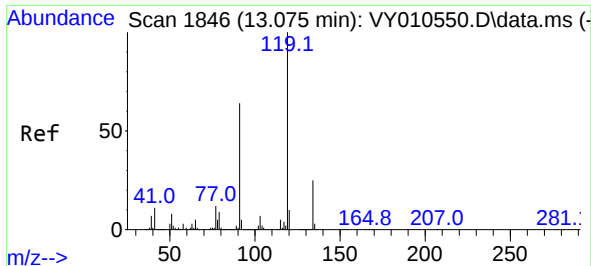
Tgt Ion: 75 Resp: 35382  
Ion Ratio Lower Upper  
75 100  
53 92.4 85.3 127.9  
89 45.4 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 45.816 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. 0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion: 91 Resp: 327111  
Ion Ratio Lower Upper  
91 100  
126 35.0 17.0 51.0

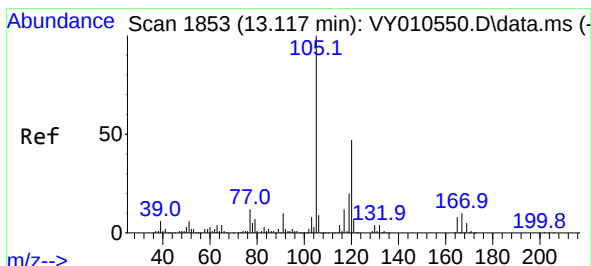
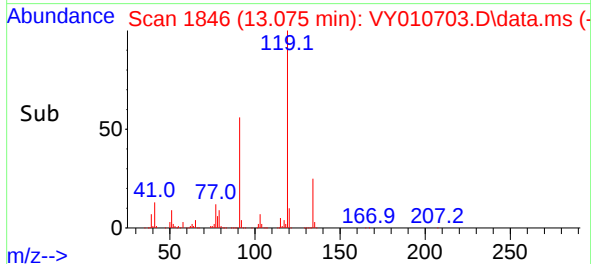
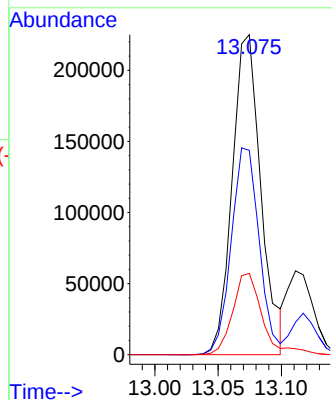
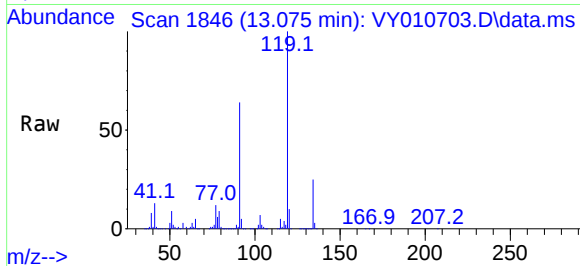




#83  
tert-Butylbenzene  
Concen: 46.216 ug/l  
RT: 13.075 min Scan# 119  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

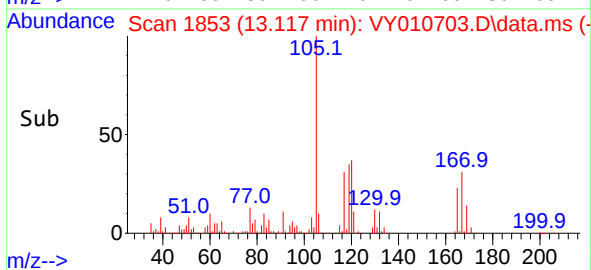
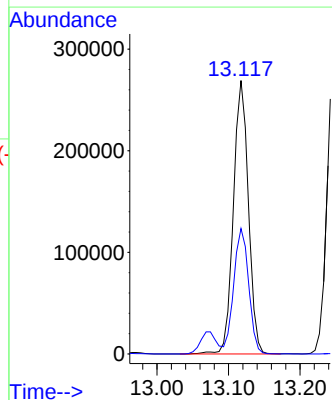
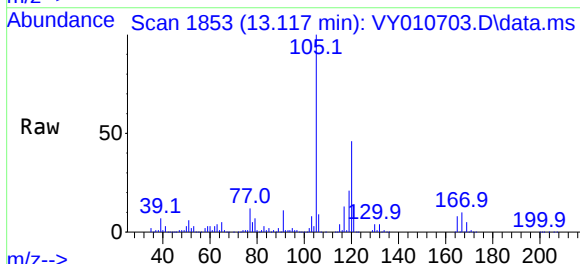
Instrument :  
MSVOA\_Y  
ClientSampleId :

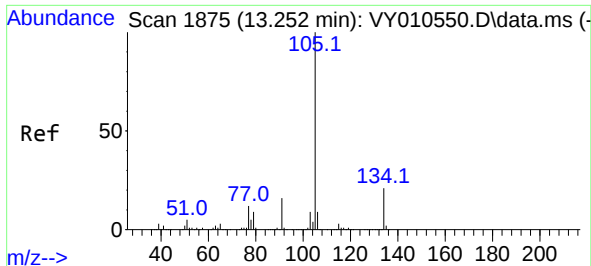
Tgt Ion:119 Resp: 355785  
Ion Ratio Lower Upper  
119 100  
91 63.1 34.8 104.4  
134 26.2 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 45.775 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

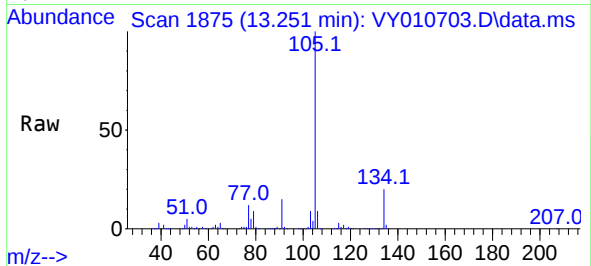
Tgt Ion:105 Resp: 391443  
Ion Ratio Lower Upper  
105 100  
120 45.6 22.3 66.9



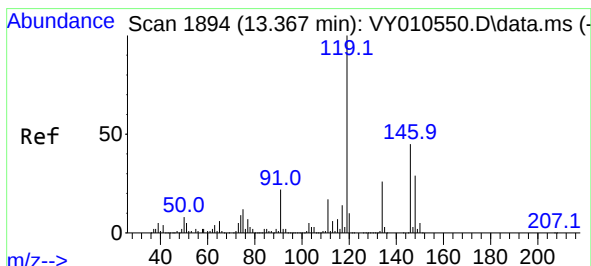
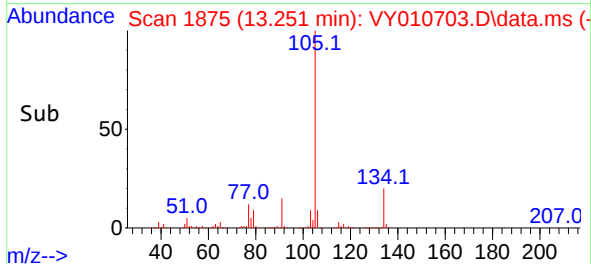
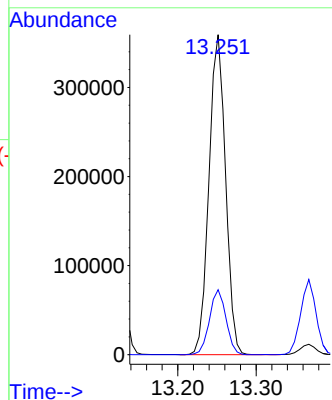


#85  
 sec-Butylbenzene  
 Concen: 46.697 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. -0.001 min  
 Lab File: VY010703.D  
 Acq: 27 Sep 2022 17:08

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

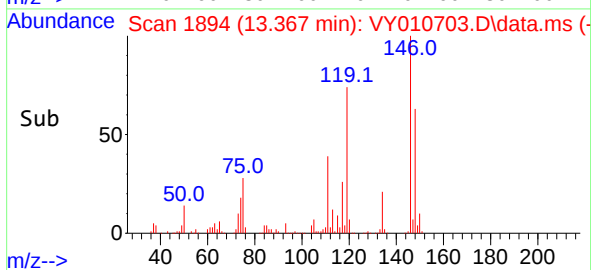
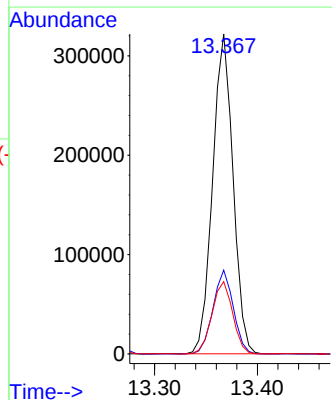
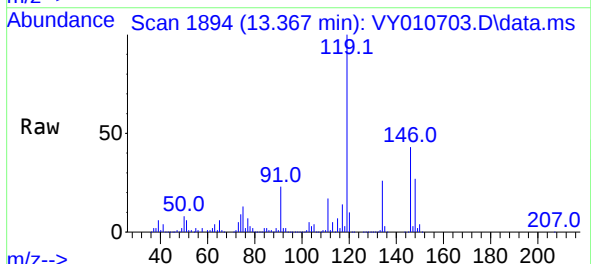


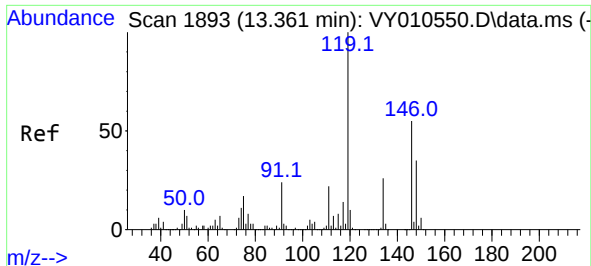
Tgt Ion:105 Resp: 526487  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 47.034 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY010703.D  
 Acq: 27 Sep 2022 17:08

Tgt Ion:119 Resp: 443144  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 13.2 39.5  
 91 22.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 45.492 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY010703.D

Acq: 27 Sep 2022 17:08

Instrument :

MSVOA\_Y

ClientSampleId :

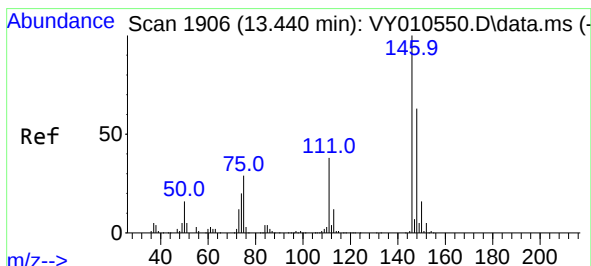
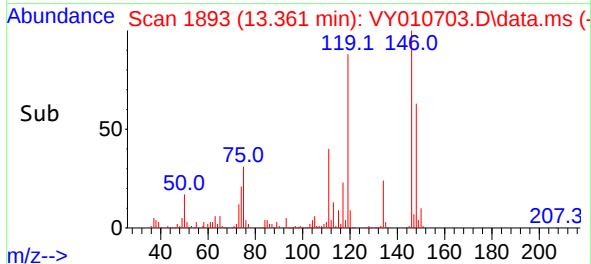
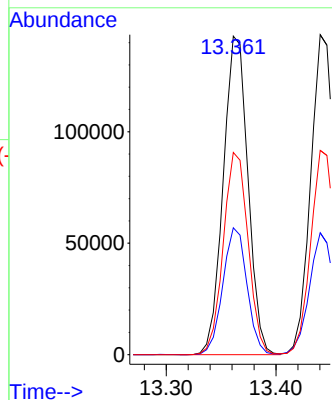
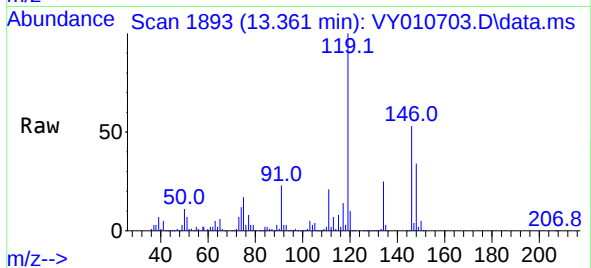
Tgt Ion:146 Resp: 223813

Ion Ratio Lower Upper

146 100

111 39.1 19.5 58.5

148 63.6 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 45.637 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY010703.D

Acq: 27 Sep 2022 17:08

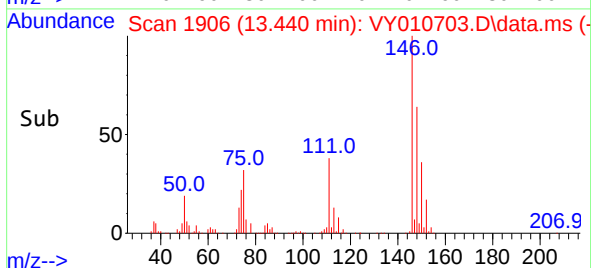
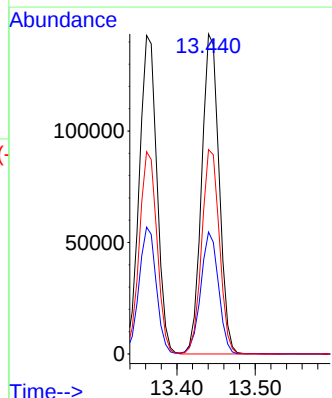
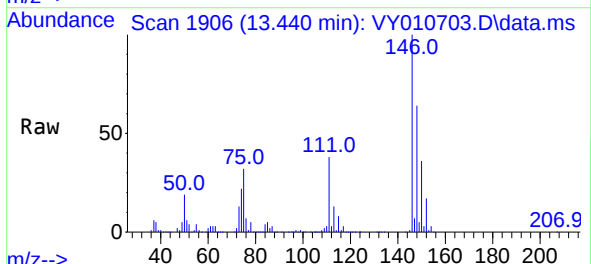
Tgt Ion:146 Resp: 222222

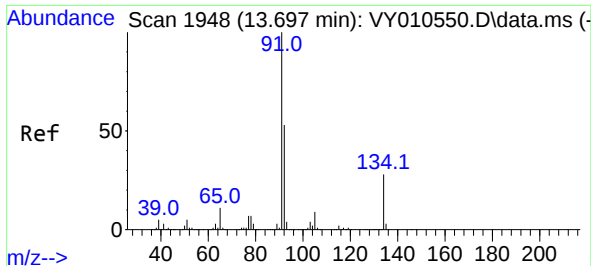
Ion Ratio Lower Upper

146 100

111 38.6 19.3 57.8

148 64.5 32.6 97.8

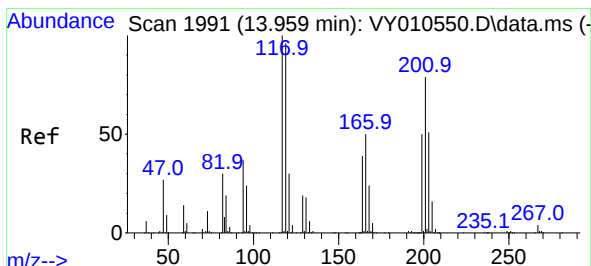
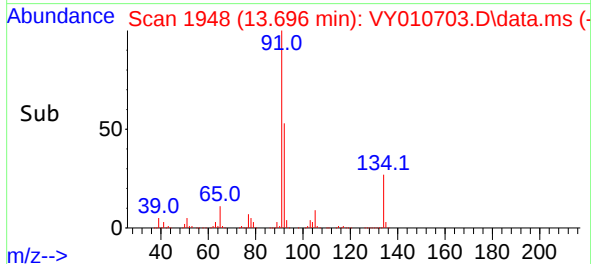
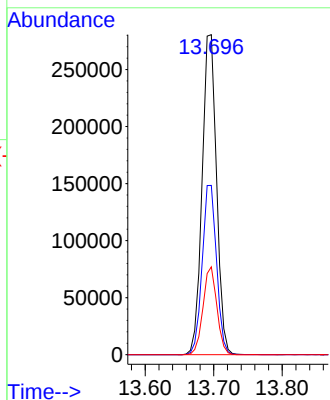
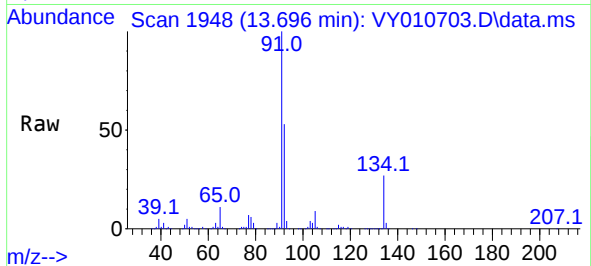




#89  
n-Butylbenzene  
Concen: 47.608 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. -0.001 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

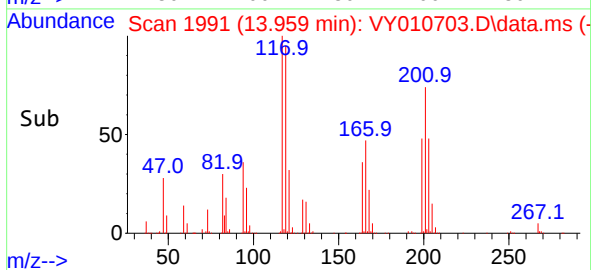
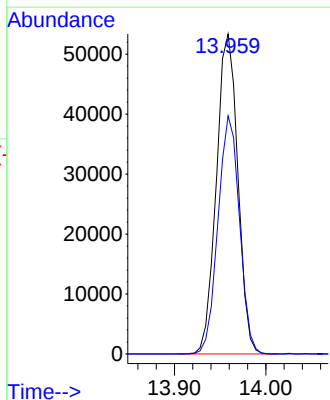
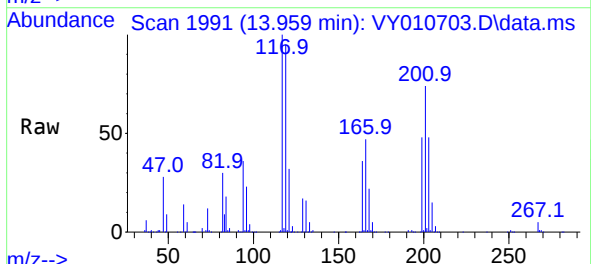
Instrument :  
MSVOA\_Y  
ClientSampleId :

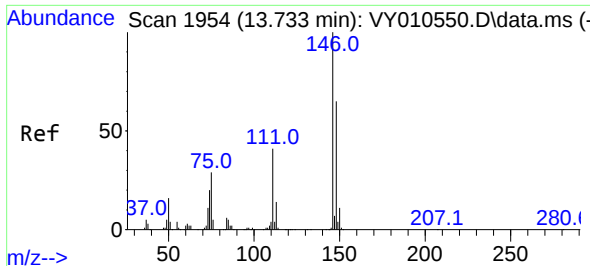
Tgt Ion: 91 Resp: 411766  
Ion Ratio Lower Upper  
91 100  
92 52.7 26.3 78.9  
134 26.3 13.0 38.9



#90  
Hexachloroethane  
Concen: 48.151 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion: 117 Resp: 87104  
Ion Ratio Lower Upper  
117 100  
201 74.4 43.0 128.8

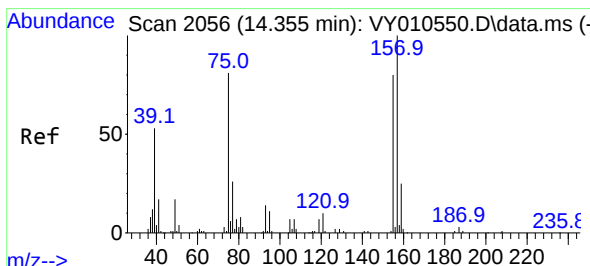
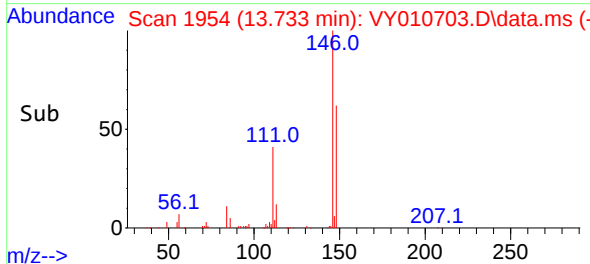
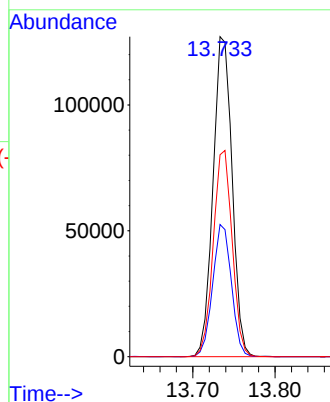
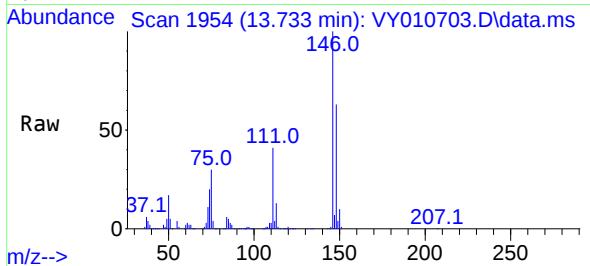




#91  
 1,2-Dichlorobenzene  
 Concen: 46.649 ug/l  
 RT: 13.733 min Scan# 1954  
 Delta R.T. 0.000 min  
 Lab File: VY010703.D  
 Acq: 27 Sep 2022 17:08

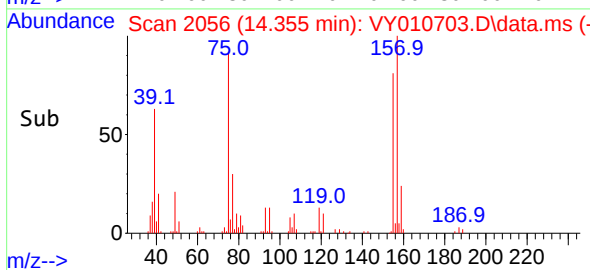
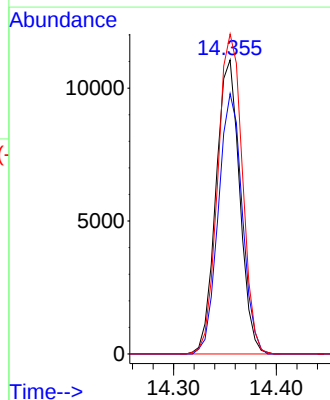
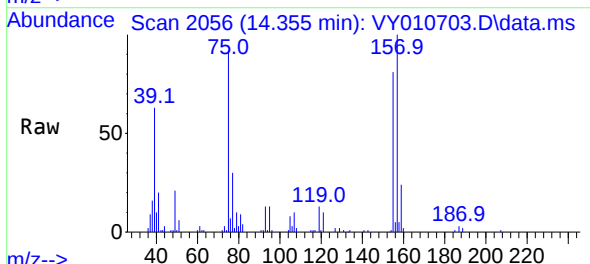
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

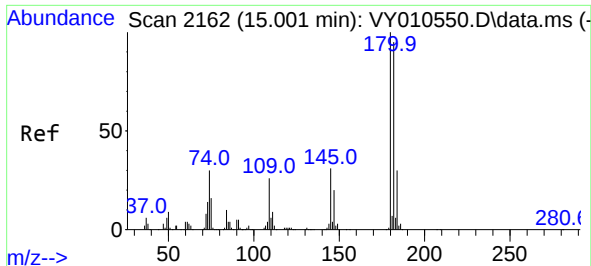
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 204442 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 40.6  | 20.3  | 60.9   |
| 148      | 64.1  | 32.3  | 96.9   |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.182 ug/l  
 RT: 14.355 min Scan# 2056  
 Delta R.T. -0.000 min  
 Lab File: VY010703.D  
 Acq: 27 Sep 2022 17:08

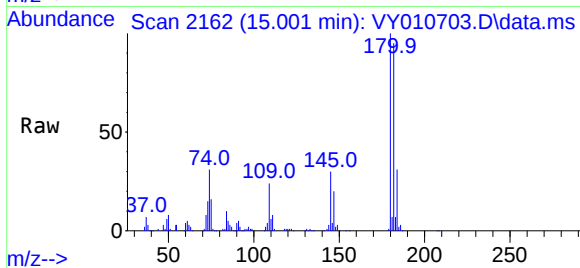
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 17730 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 88.9  | 38.0  | 113.9 |
| 157      | 112.4 | 47.8  | 143.3 |



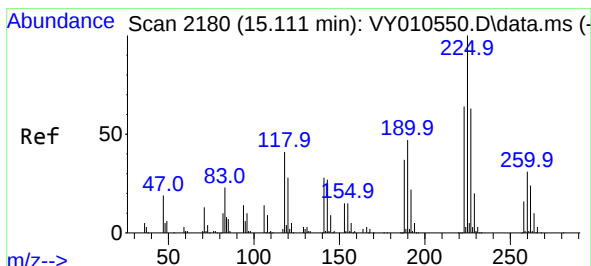
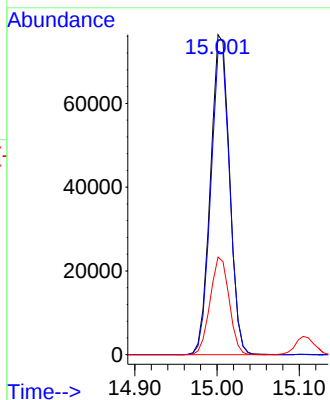
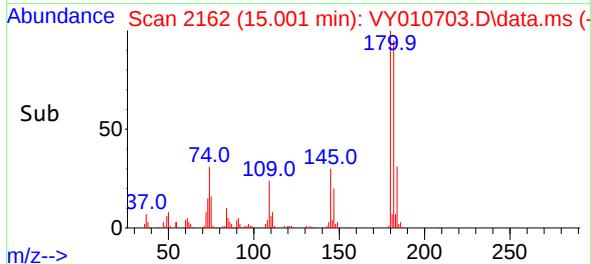


#93  
1,2,4-Trichlorobenzene  
Concen: 46.095 ug/l  
RT: 15.001 min Scan# 2162  
Delta R.T. 0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Instrument :  
MSVOA\_Y  
ClientSampleId :

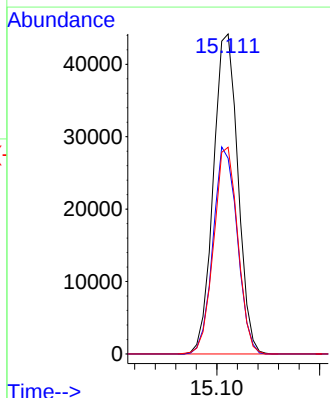
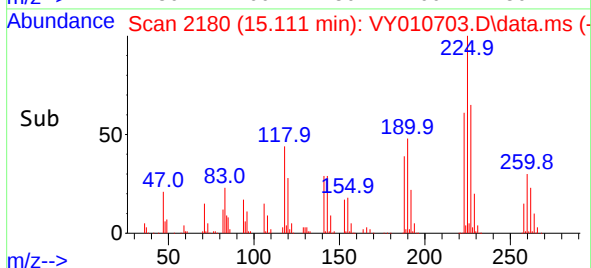
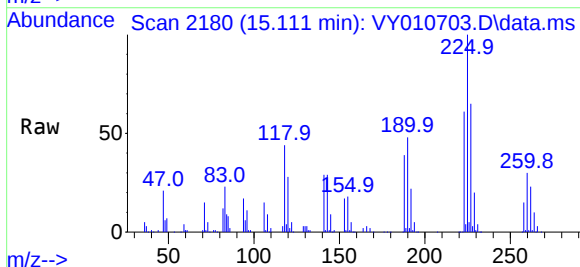


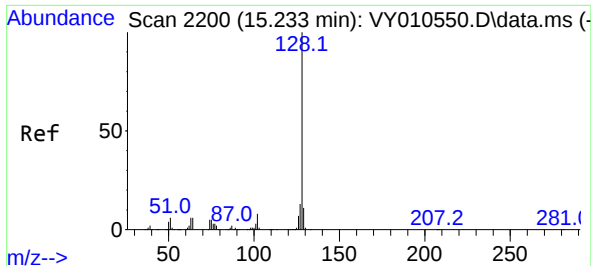
Tgt Ion:180 Resp: 123233  
Ion Ratio Lower Upper  
180 100  
182 94.8 47.3 141.9  
145 30.3 14.6 43.8



#94  
Hexachlorobutadiene  
Concen: 44.988 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

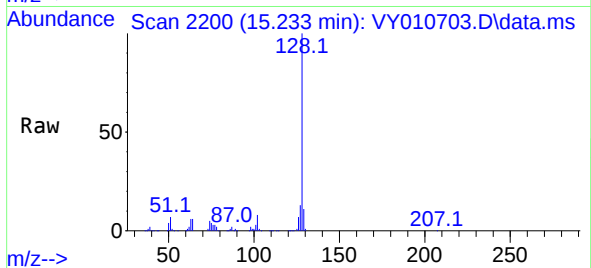
Tgt Ion:225 Resp: 73103  
Ion Ratio Lower Upper  
225 100  
223 63.7 30.8 92.3  
227 63.4 31.6 94.7



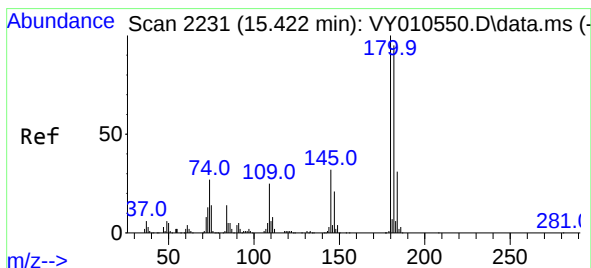
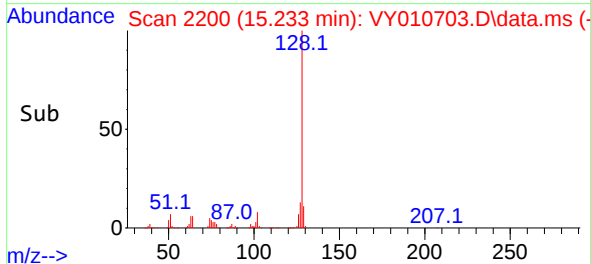
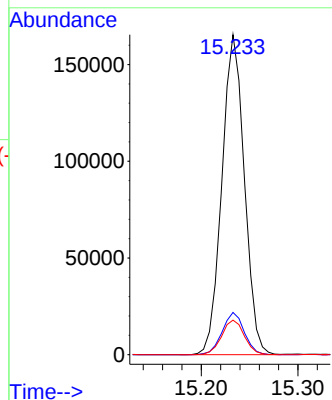


#95  
Naphthalene  
Concen: 49.471 ug/l  
RT: 15.233 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Instrument :  
MSVOA\_Y  
ClientSampleId :



Tgt Ion:128 Resp: 266493  
Ion Ratio Lower Upper  
128 100  
127 13.0 11.0 16.4  
129 10.9 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 46.918 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.000 min  
Lab File: VY010703.D  
Acq: 27 Sep 2022 17:08

Tgt Ion:180 Resp: 109219  
Ion Ratio Lower Upper  
180 100  
182 94.5 47.3 141.9  
145 32.0 15.3 45.9

