

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092022\  
 Data File : VY010568.D  
 Acq On : 20 Sep 2022 11:23  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 20 18:08:51 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   | 241078   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.685  | 114   | 384777   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.490 | 117   | 350498   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428 | 152   | 174360   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.137  | 65    | 126219   | 54.739   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | = 109.480% |          |
| 35) Dibromofluoromethane     | 7.710  | 113   | 119686   | 48.739   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | = 97.480%  |          |
| 50) Toluene-d8               | 10.179 | 98    | 474467   | 52.137   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | = 104.280% |          |
| 62) 4-Bromofluorobenzene     | 12.483 | 95    | 158184   | 46.791   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | = 93.580%  |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.900  | 85    | 52929    | 47.705   | ug/l       | 98       |
| 3) Chloromethane             | 2.113  | 50    | 84891    | 51.829   | ug/l       | 98       |
| 4) Vinyl Chloride            | 2.247  | 62    | 105385   | 49.095   | ug/l       | 100      |
| 5) Bromomethane              | 2.644  | 94    | 73193    | 50.706   | ug/l       | 99       |
| 6) Chloroethane              | 2.790  | 64    | 77051    | 45.371   | ug/l       | 99       |
| 7) Trichlorofluoromethane    | 3.119  | 101   | 143666   | 45.353   | ug/l       | 94       |
| 8) Diethyl Ether             | 3.522  | 74    | 50889    | 46.854   | ug/l       | 81       |
| 9) 1,1,2-Trichlorotrifluo... | 3.893  | 101   | 88219    | 46.274   | ug/l       | 96       |
| 10) Methyl Iodide            | 4.082  | 142   | 93805    | 42.592   | ug/l       | 91       |
| 11) Tert butyl alcohol       | 4.942  | 59    | 43973    | 211.388  | ug/l #     | 95       |
| 12) 1,1-Dichloroethene       | 3.863  | 96    | 76725    | 45.070   | ug/l       | 83       |
| 13) Acrolein                 | 3.723  | 56    | 22169    | 206.675  | ug/l       | 100      |
| 14) Allyl chloride           | 4.473  | 41    | 121619   | 47.387   | ug/l #     | 94       |
| 15) Acrylonitrile            | 5.155  | 53    | 138506   | 245.700  | ug/l       | 97       |
| 16) Acetone                  | 3.942  | 43    | 100086   | 212.848  | ug/l #     | 89       |
| 17) Carbon Disulfide         | 4.186  | 76    | 156085   | 46.822   | ug/l       | 100      |
| 18) Methyl Acetate           | 4.466  | 43    | 63110    | 47.332   | ug/l #     | 88       |
| 19) Methyl tert-butyl Ether  | 5.216  | 73    | 256324   | 48.296   | ug/l       | 96       |
| 20) Methylene Chloride       | 4.710  | 84    | 110844   | 42.484   | ug/l       | 86       |
| 21) trans-1,2-Dichloroethene | 5.210  | 96    | 87978    | 45.925   | ug/l       | 88       |
| 22) Diisopropyl ether        | 6.113  | 45    | 311333   | 51.389   | ug/l #     | 92       |
| 23) Vinyl Acetate            | 6.052  | 43    | 932599   | 260.582  | ug/l #     | 92       |
| 24) 1,1-Dichloroethane       | 6.009  | 63    | 179087   | 49.253   | ug/l       | 99       |
| 25) 2-Butanone               | 6.978  | 43    | 170668   | 232.043  | ug/l #     | 86       |
| 26) 2,2-Dichloropropane      | 6.978  | 77    | 164284   | 46.985   | ug/l       | 96       |
| 27) cis-1,2-Dichloroethene   | 6.978  | 96    | 116447   | 48.791   | ug/l       | 88       |
| 28) Bromochloromethane       | 7.326  | 49    | 93889    | 54.527   | ug/l #     | 82       |
| 29) Tetrahydrofuran          | 7.344  | 42    | 106755   | 236.317  | ug/l #     | 84       |
| 30) Chloroform               | 7.503  | 83    | 198707   | 50.512   | ug/l       | 99       |
| 31) Cyclohexane              | 7.777  | 56    | 124188   | 47.788   | ug/l       | 94       |
| 32) 1,1,1-Trichloroethane    | 7.698  | 97    | 170425   | 48.678   | ug/l       | 97       |
| 36) 1,1-Dichloropropene      | 7.911  | 75    | 125339   | 45.809   | ug/l       | 97       |
| 37) Ethyl Acetate            | 7.070  | 43    | 76789    | 48.589   | ug/l       | 95       |
| 38) Carbon Tetrachloride     | 7.899  | 117   | 147692   | 46.945   | ug/l       | 98       |
| 39) Methylcyclohexane        | 9.179  | 83    | 138506   | 43.250   | ug/l       | 89       |
| 40) Benzene                  | 8.155  | 78    | 389343   | 47.732   | ug/l       | 96       |

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 ClientSampleId :

Quant Time: Sep 20 18:08:51 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         | 7.307  | 41   | 47134    | 58.473  | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 123230   | 49.062  | ug/l   | 92       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 138805   | 47.915  | ug/l # | 90       |
| 44) Trichloroethene           | 8.935  | 130  | 108174   | 46.328  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.210  | 63   | 105643   | 50.065  | ug/l   | 99       |
| 46) Dibromomethane            | 9.301  | 93   | 60628    | 48.927  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.490  | 83   | 155766   | 50.909  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.289  | 41   | 62854    | 49.151  | ug/l # | 84       |
| 49) 1,4-Dioxane               | 9.289  | 88   | 16967    | 931.138 | ug/l # | 80       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 403671   | 246.813 | ug/l   | 90       |
| 52) Toluene                   | 10.240 | 92   | 254939   | 47.768  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 151174   | 48.864  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 169648   | 49.184  | ug/l # | 87       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 90528    | 49.667  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 116342   | 49.271  | ug/l # | 80       |
| 57) 1,3-Dichloropropane       | 10.789 | 76   | 150490   | 49.845  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.783  | 63   | 335603   | 250.976 | ug/l   | 94       |
| 59) 2-Hexanone                | 10.831 | 43   | 272202   | 245.545 | ug/l   | 88       |
| 60) Dibromochloromethane      | 10.984 | 129  | 112432   | 50.406  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 81976    | 48.041  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.715 | 164  | 107821   | 46.051  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.514 | 112  | 292835   | 48.317  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 116621   | 49.390  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 509568   | 47.879  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.703 | 106  | 391179   | 94.879  | ug/l   | 95       |
| 69) o-Xylene                  | 12.026 | 106  | 192146   | 47.801  | ug/l   | 93       |
| 70) Styrene                   | 12.044 | 104  | 335761   | 49.170  | ug/l   | 95       |
| 71) Bromoform                 | 12.209 | 173  | 71466    | 48.742  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 522400   | 48.479  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 127672   | 48.858  | ug/l # | 87       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 105191   | 47.905  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 138391   | 83.160  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 123705   | 48.248  | ug/l   | 95       |
| 78) n-propylbenzene           | 12.672 | 91   | 620306   | 48.328  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 351578   | 48.072  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 435196   | 47.798  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 35102    | 46.899  | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 364269   | 48.234  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 391889   | 48.126  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 437540   | 48.371  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 581030   | 48.721  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 489375   | 49.105  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 249739   | 47.990  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 247715   | 48.095  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.697 | 91   | 443672   | 48.496  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.959 | 117  | 94562    | 49.419  | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 228120   | 49.209  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 17001    | 46.398  | ug/l   | 79       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 136805   | 48.377  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 81968    | 47.689  | ug/l   | 98       |
| 95) Naphthalene               | 15.239 | 128  | 271058   | 47.570  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 118679   | 48.198  | ug/l   | 99       |

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Quant Title : SW846 8260  
QLast Update : Tue Sep 20 01:02:44 2022  
Response via : Initial Calibration

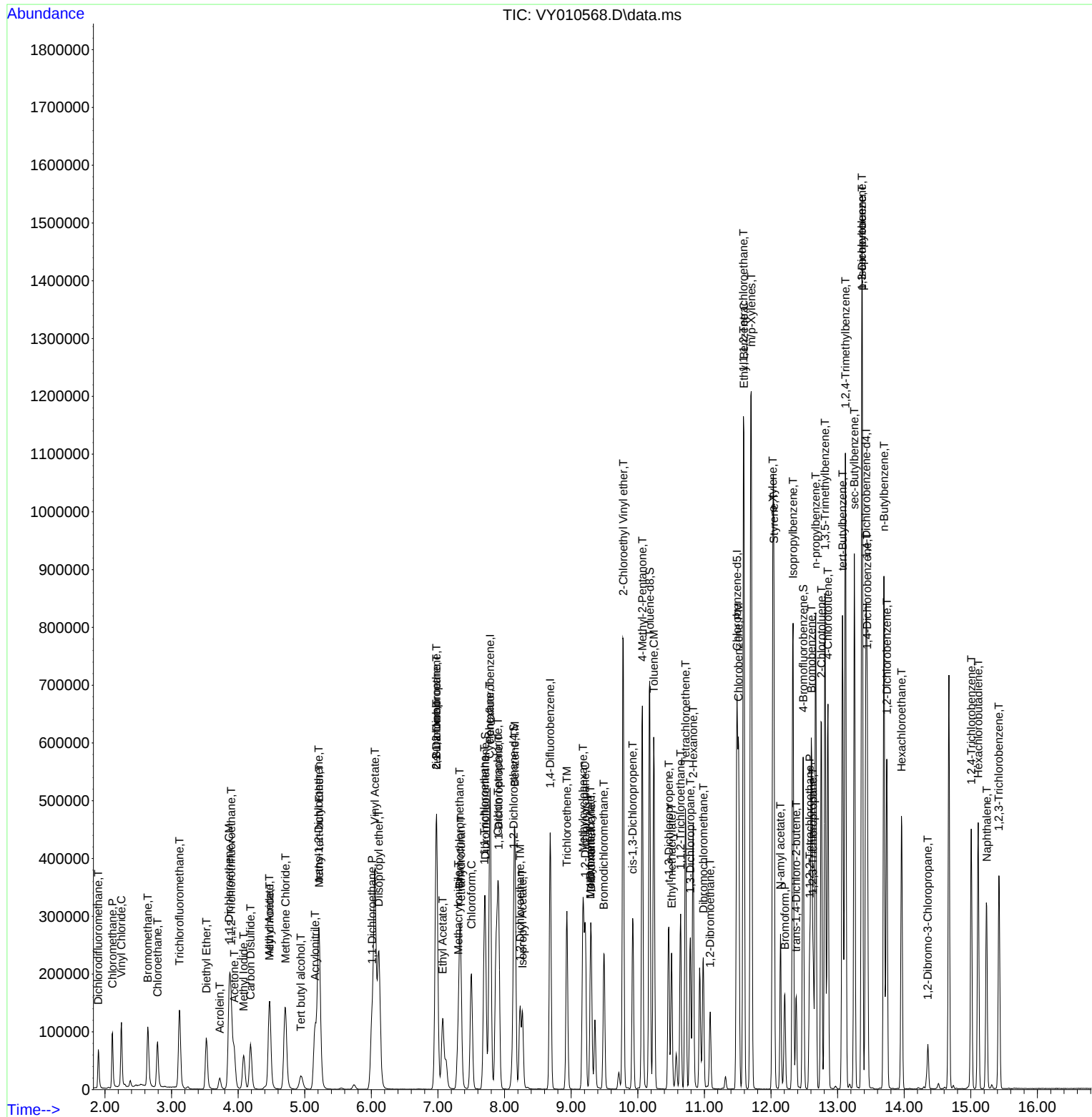
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

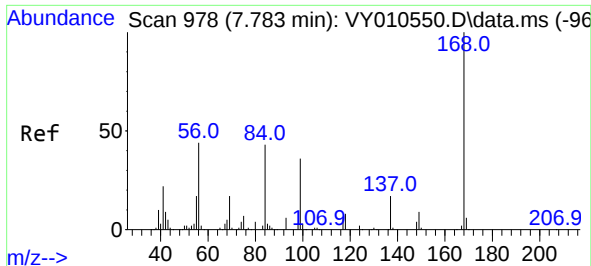
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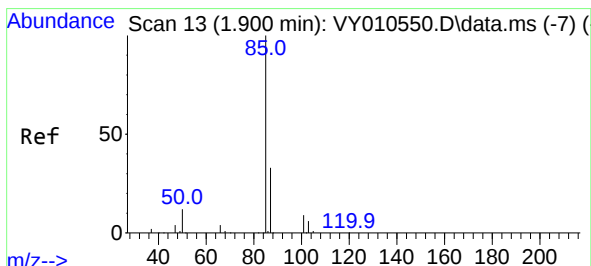
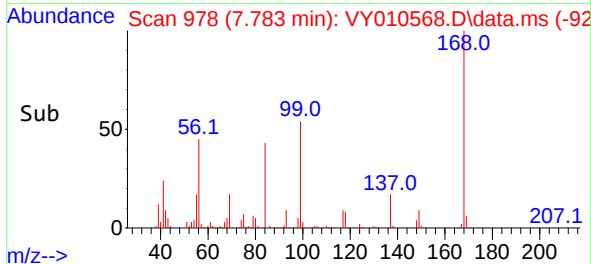
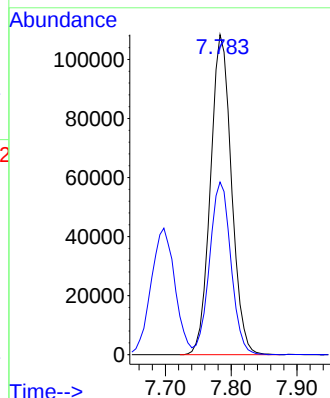
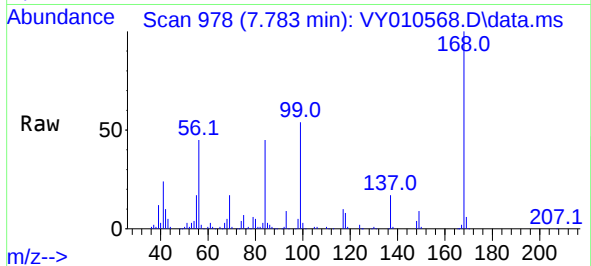




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

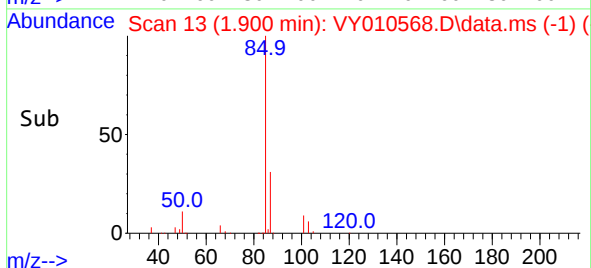
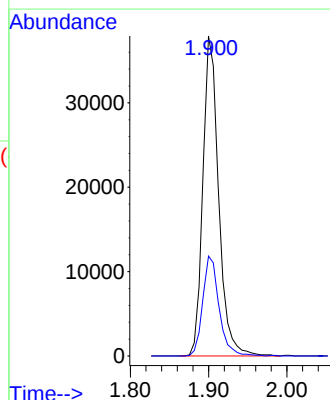
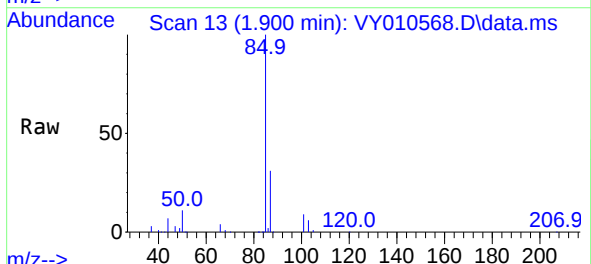
Instrument :  
MSVOA\_Y  
ClientSampleId :

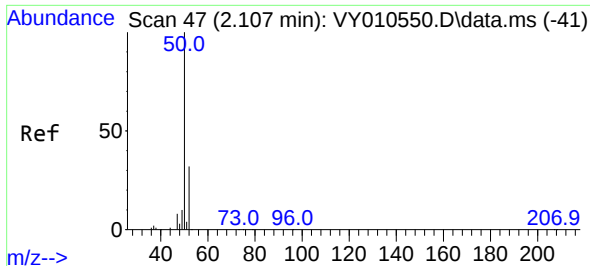
Tgt Ion:168 Resp: 241078  
Ion Ratio Lower Upper  
168 100  
99 54.0 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 47.705 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Tgt Ion: 85 Resp: 52929  
Ion Ratio Lower Upper  
85 100  
87 31.2 16.1 48.2

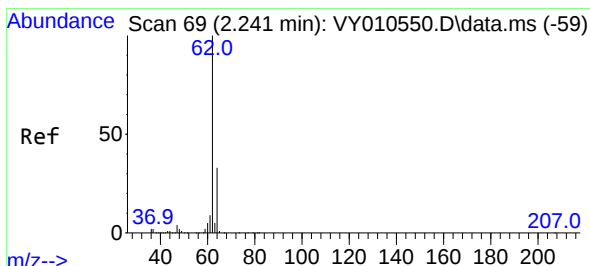
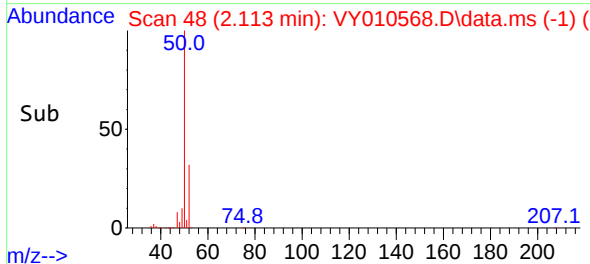
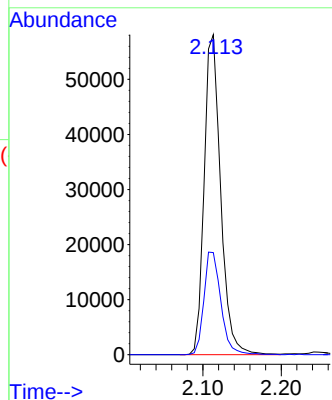
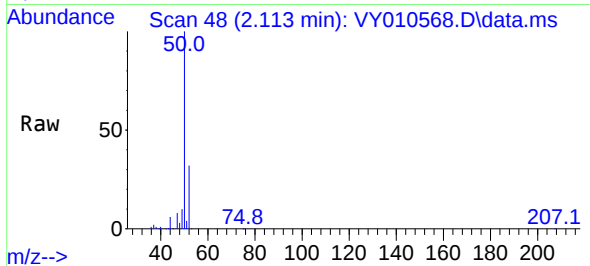




#3  
Chloromethane  
Concen: 51.829 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

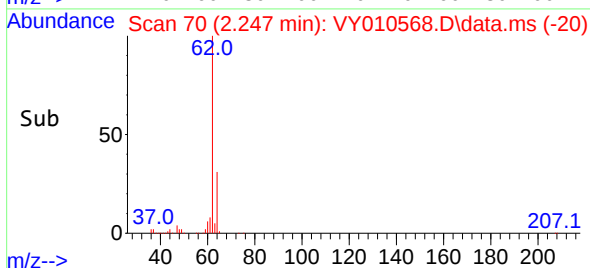
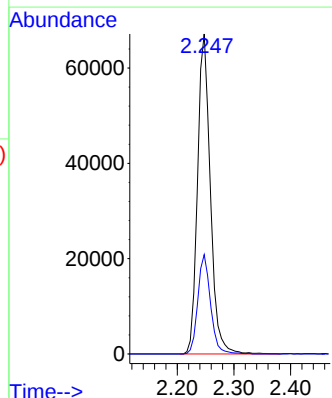
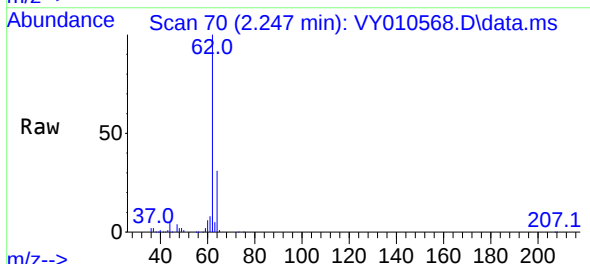
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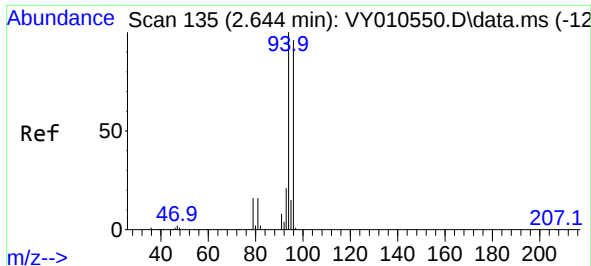
Tgt Ion: 50 Resp: 84891  
Ion Ratio Lower Upper  
50 100  
52 31.9 24.6 37.0



#4  
Vinyl Chloride  
Concen: 49.095 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

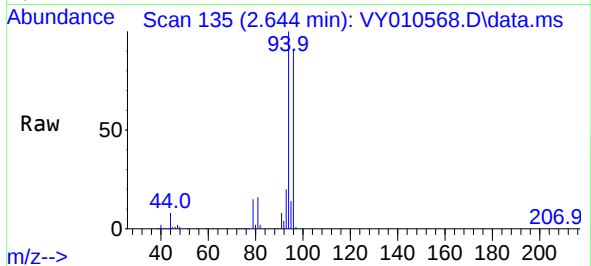
Tgt Ion: 62 Resp: 105385  
Ion Ratio Lower Upper  
62 100  
64 31.1 25.0 37.6



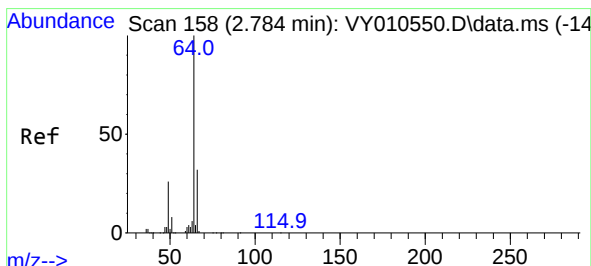
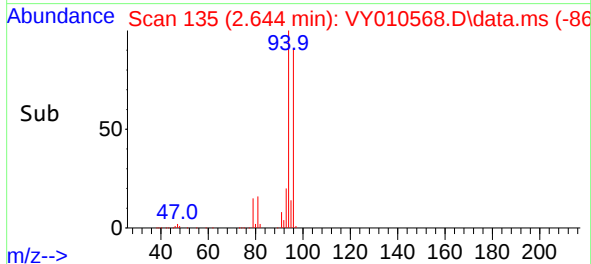
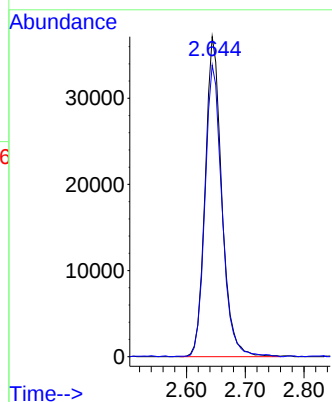


#5  
Bromomethane  
Concen: 50.706 ug/l  
RT: 2.644 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY010568.D  
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Instrument :  
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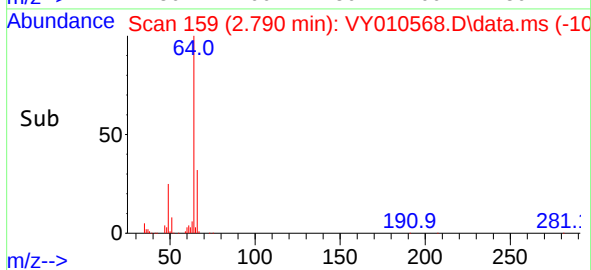
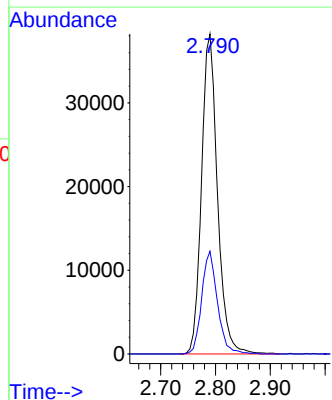
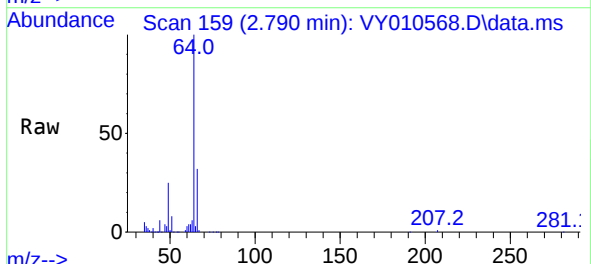


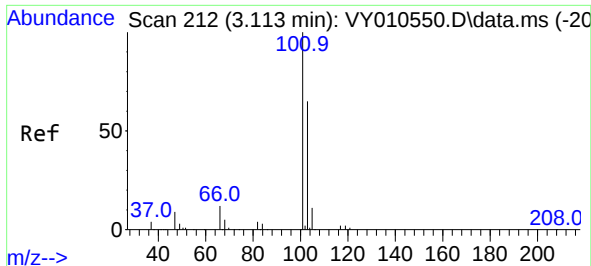
Tgt Ion: 94 Resp: 73193  
Ion Ratio Lower Upper  
94 100  
96 91.1 73.5 110.3



#6  
Chloroethane  
Concen: 45.371 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. 0.006 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

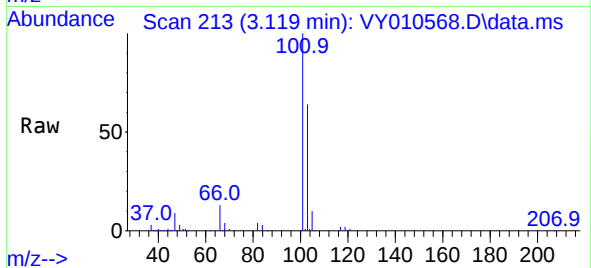
Tgt Ion: 64 Resp: 77051  
Ion Ratio Lower Upper  
64 100  
66 32.1 25.4 38.0



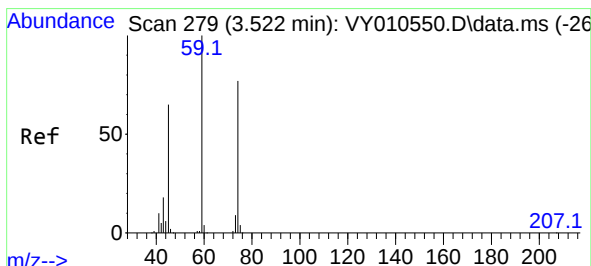
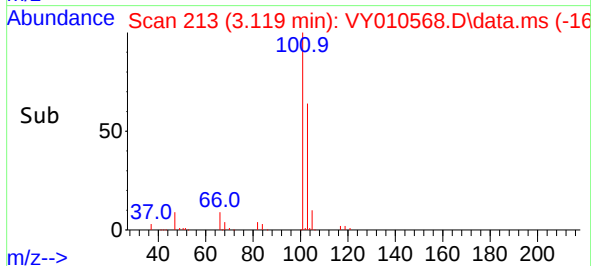
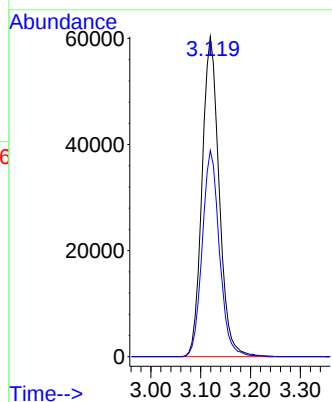


#7  
 Trichlorofluoromethane  
 Concen: 45.353 ug/l  
 RT: 3.119 min Scan# 212  
 Delta R.T. 0.006 min  
 Lab File: VY010568.D  
 Acq: 20 Sep 2022 11:23

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

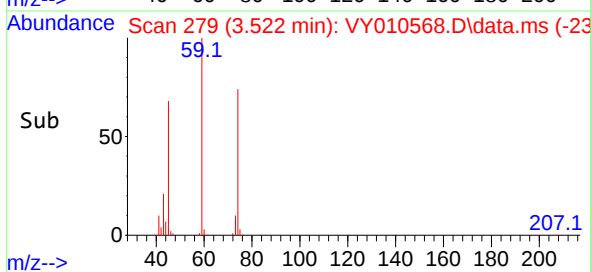
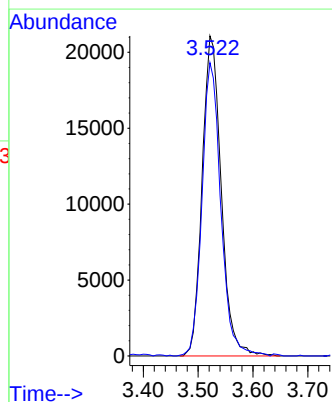
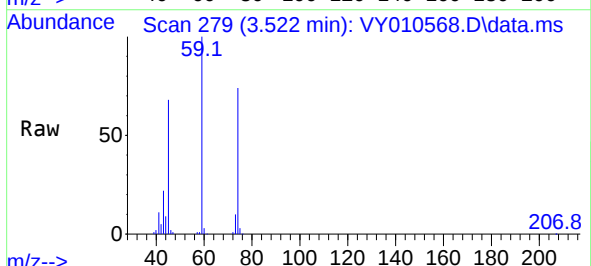


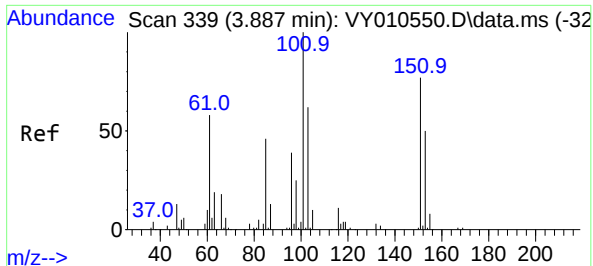
Tgt Ion:101 Resp: 143666  
 Ion Ratio Lower Upper  
 101 100  
 103 64.4 48.0 72.0



#8  
 Diethyl Ether  
 Concen: 46.854 ug/l  
 RT: 3.522 min Scan# 279  
 Delta R.T. -0.000 min  
 Lab File: VY010568.D  
 Acq: 20 Sep 2022 11:23

Tgt Ion: 74 Resp: 50889  
 Ion Ratio Lower Upper  
 74 100  
 45 90.6 55.1 165.5

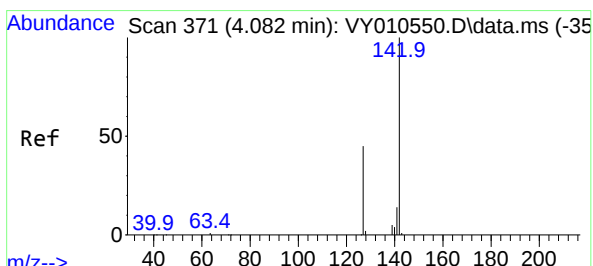
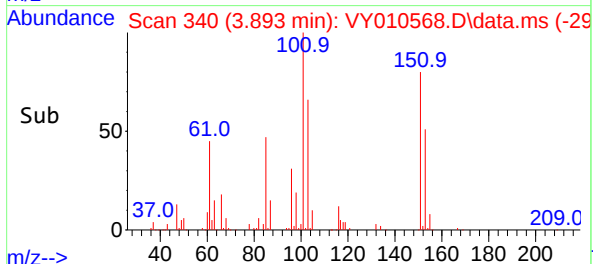
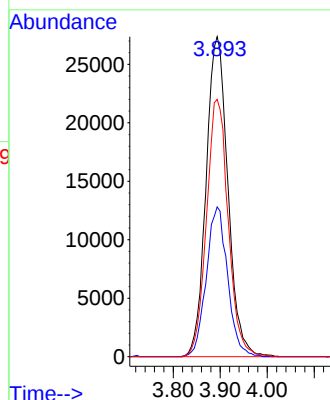
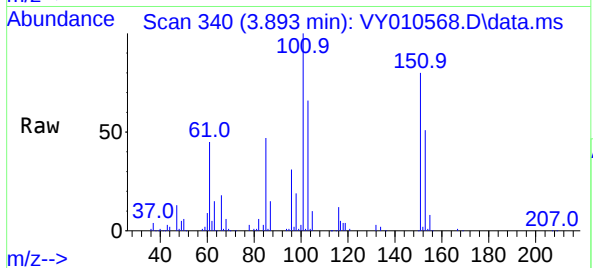




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.274 ug/l  
RT: 3.893 min Scan# 34  
Delta R.T. 0.006 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

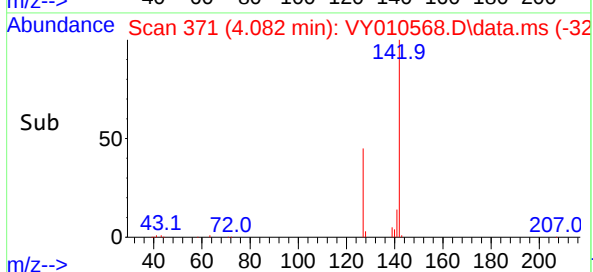
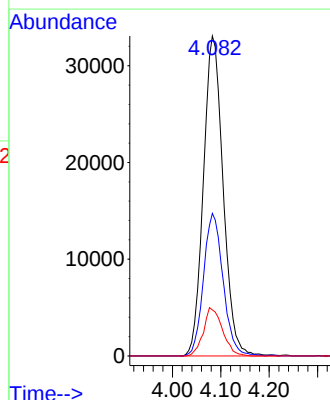
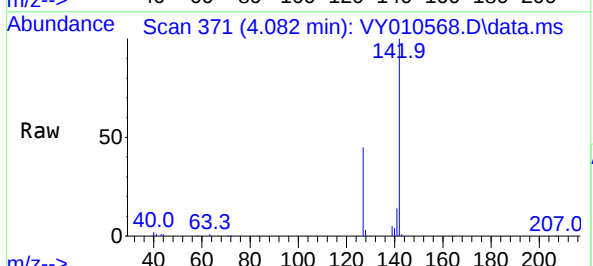
Instrument :  
MSVOA\_Y  
ClientSampleId :

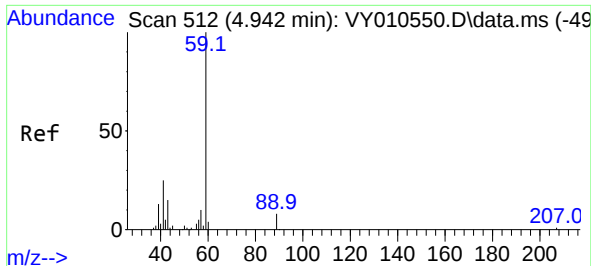
Tgt Ion:101 Resp: 88219  
Ion Ratio Lower Upper  
101 100  
85 45.7 40.6 60.8  
151 80.0 64.9 97.3



#10  
Methyl Iodide  
Concen: 42.592 ug/l  
RT: 4.082 min Scan# 371  
Delta R.T. 0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Tgt Ion:142 Resp: 93805  
Ion Ratio Lower Upper  
142 100  
127 44.3 41.5 62.3  
141 14.6 11.9 17.9

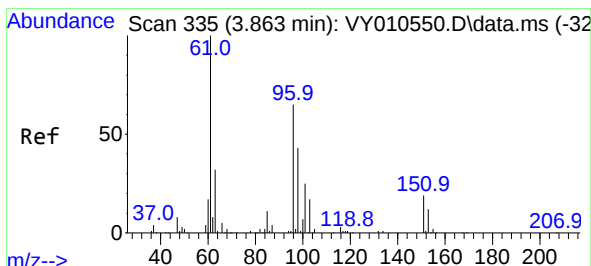
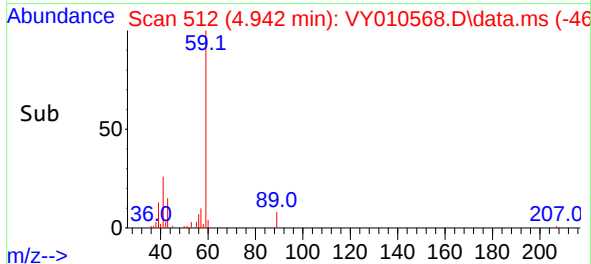
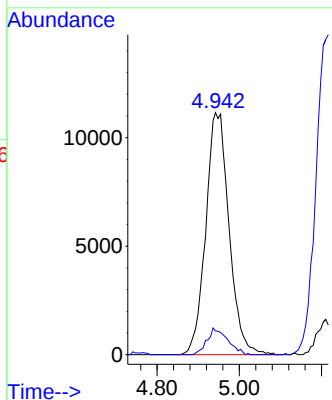
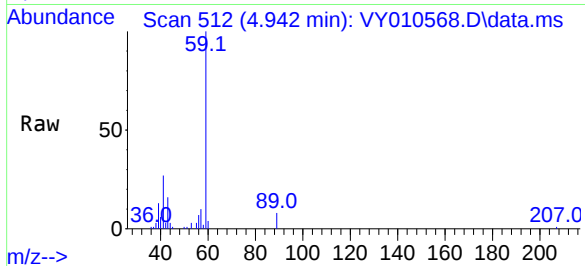




#11  
Tert butyl alcohol  
Concen: 211.388 ug/l  
RT: 4.942 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

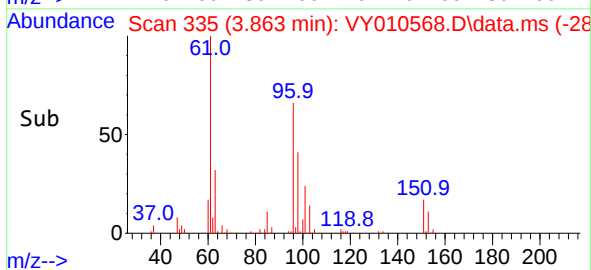
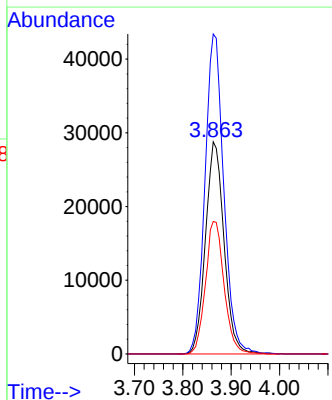
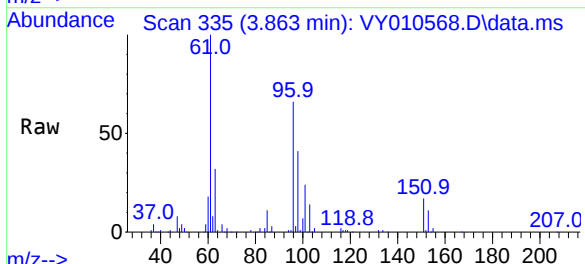
Instrument :  
MSVOA\_Y  
ClientSampleId :

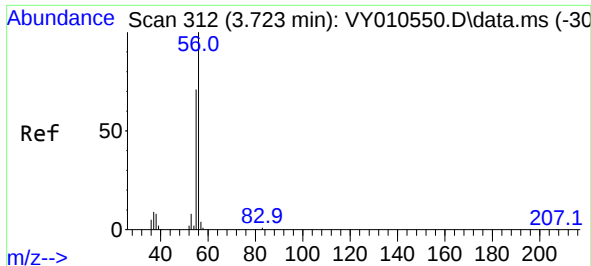
Tgt Ion: 59 Resp: 43973  
Ion Ratio Lower Upper  
59 100  
57 9.7 6.4 9.6#



#12  
1,1-Dichloroethene  
Concen: 45.070 ug/l  
RT: 3.863 min Scan# 335  
Delta R.T. -0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

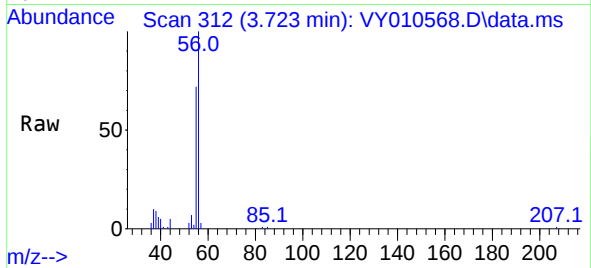
Tgt Ion: 96 Resp: 76725  
Ion Ratio Lower Upper  
96 100  
61 150.8 145.8 218.6  
98 62.4 52.5 78.7



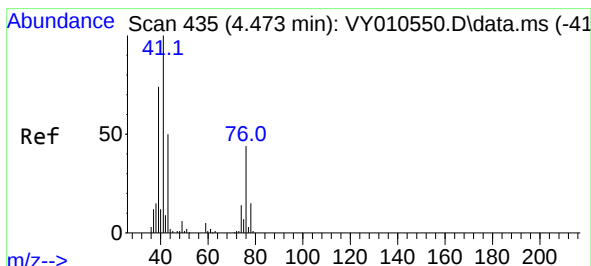
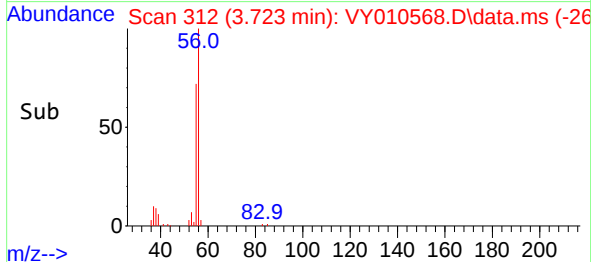
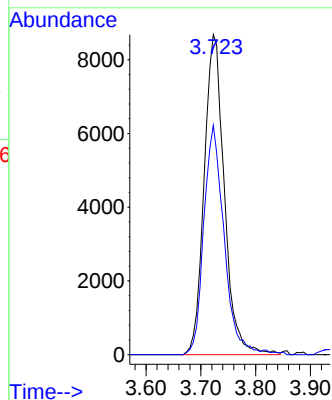


#13  
Acrolein  
Concen: 206.675 ug/l  
RT: 3.723 min Scan# 312  
Delta R.T. -0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Instrument :  
MSVOA\_Y  
ClientSampleId :

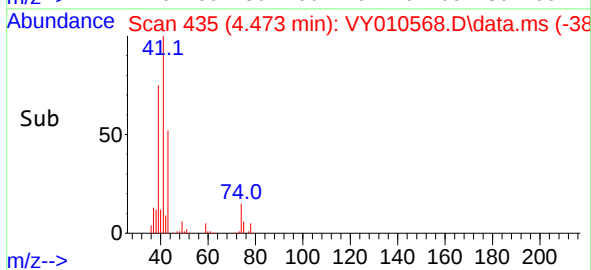
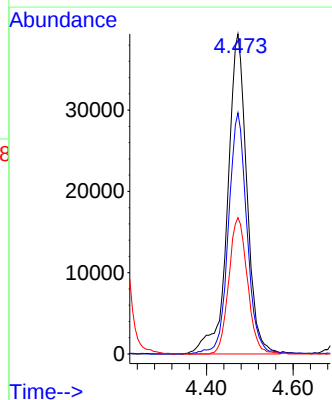
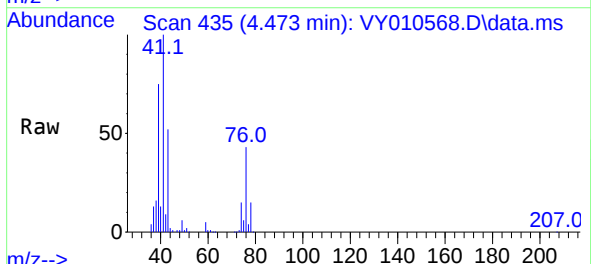


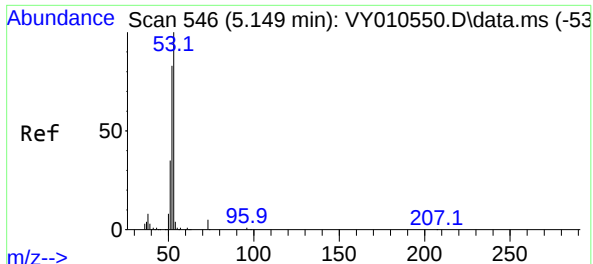
Tgt Ion: 56 Resp: 22169  
Ion Ratio Lower Upper  
56 100  
55 71.7 57.6 86.4



#14  
Allyl chloride  
Concen: 47.387 ug/l  
RT: 4.473 min Scan# 435  
Delta R.T. -0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

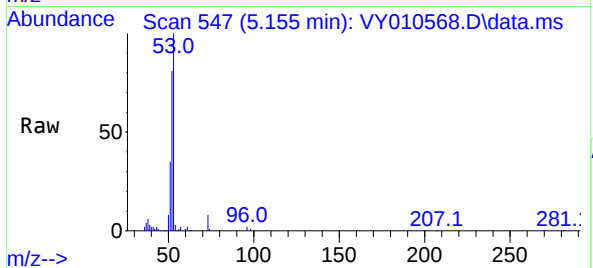
Tgt Ion: 41 Resp: 121619  
Ion Ratio Lower Upper  
41 100  
39 72.7 58.8 88.2  
76 41.3 25.1 37.7#



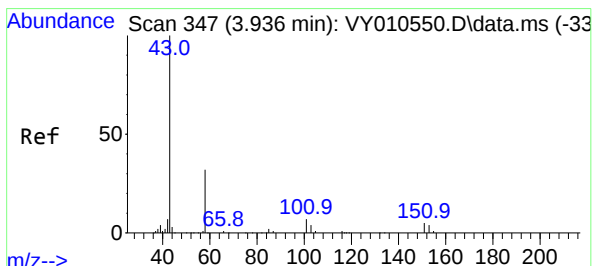
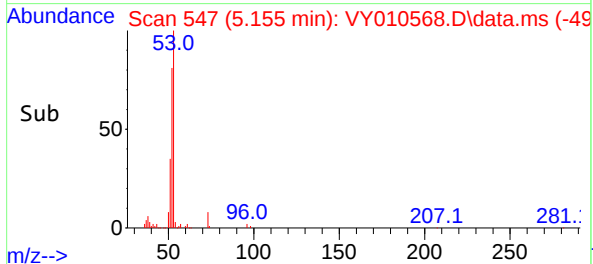
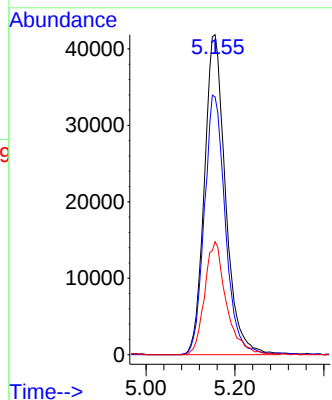


#15  
Acrylonitrile  
Concen: 245.700 ug/l  
RT: 5.155 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Instrument :  
MSVOA\_Y  
ClientSampleId :

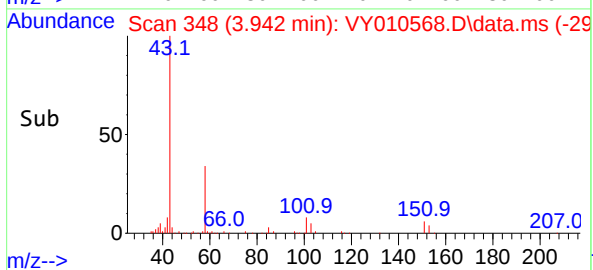
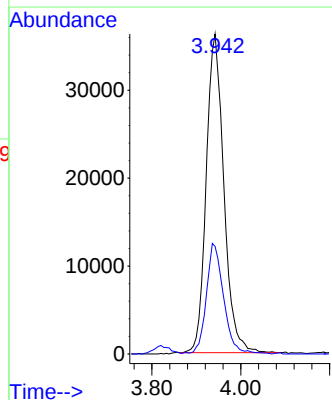
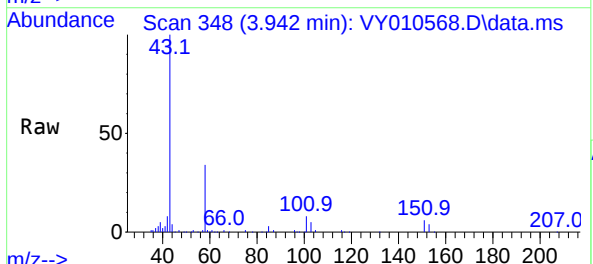


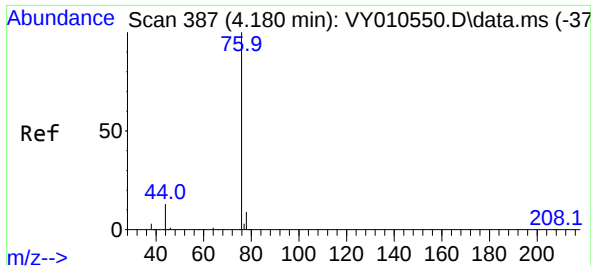
Tgt Ion: 53 Resp: 138506  
Ion Ratio Lower Upper  
53 100  
52 80.5 67.0 100.4  
51 36.3 29.8 44.6



#16  
Acetone  
Concen: 212.848 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. 0.006 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Tgt Ion: 43 Resp: 100086  
Ion Ratio Lower Upper  
43 100  
58 33.5 22.0 33.0#

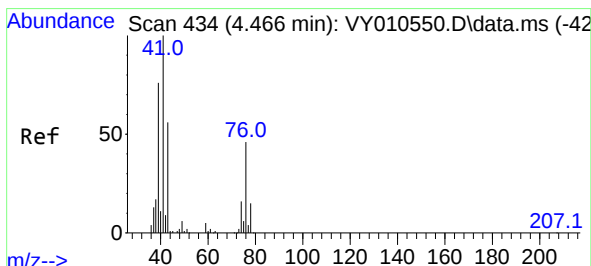
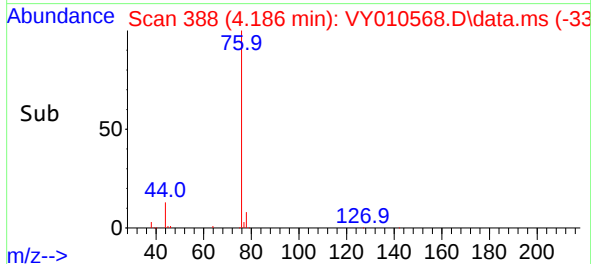
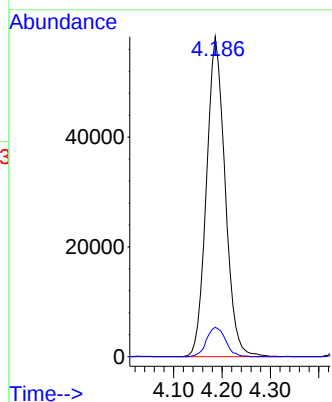
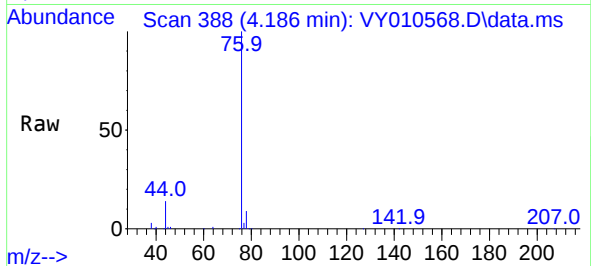




#17  
Carbon Disulfide  
Concen: 46.822 ug/l  
RT: 4.186 min Scan# 387  
Delta R.T. 0.006 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

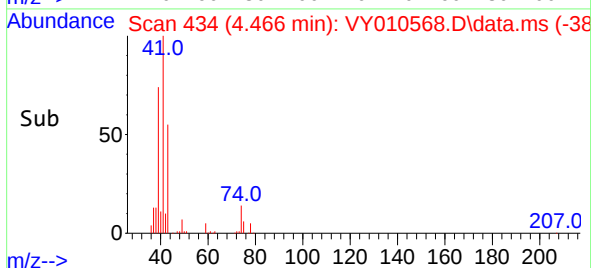
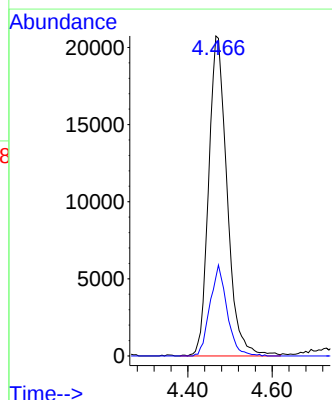
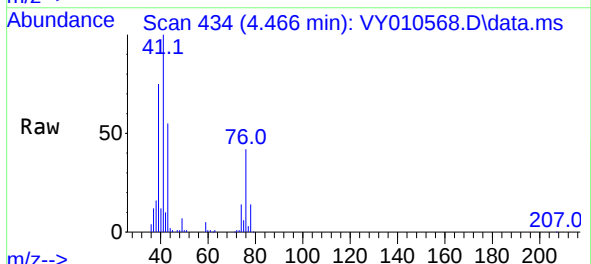
Instrument :  
MSVOA\_Y  
ClientSampleId :

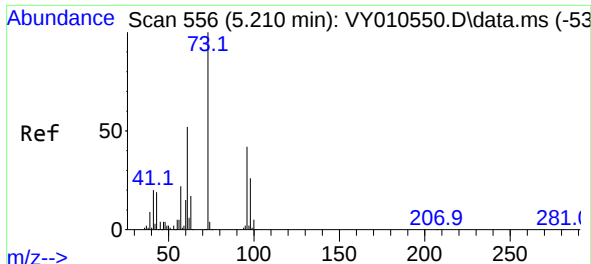
Tgt Ion: 76 Resp: 156085  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.0



#18  
Methyl Acetate  
Concen: 47.332 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. 0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Tgt Ion: 43 Resp: 63110  
Ion Ratio Lower Upper  
43 100  
74 26.4 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 48.296 ug/l

RT: 5.216 min Scan# 5

Delta R.T. 0.006 min

Lab File: VY010568.D

Acq: 20 Sep 2022 11:23

Instrument :

MSVOA\_Y

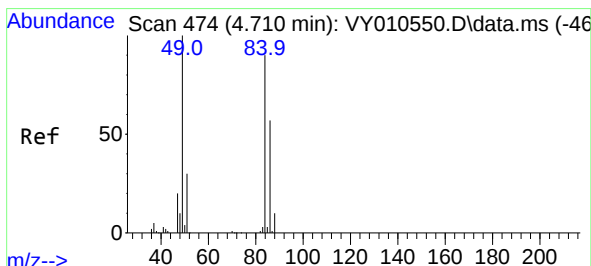
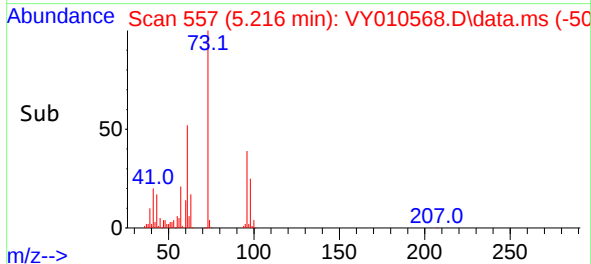
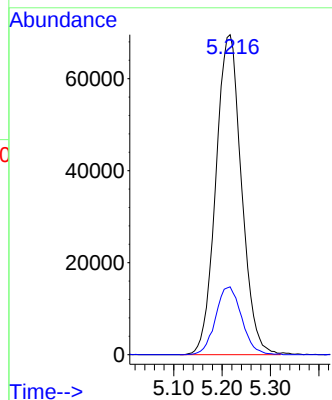
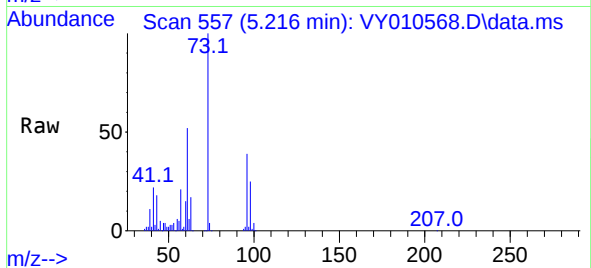
ClientSampleId :

Tgt Ion: 73 Resp: 256324

Ion Ratio Lower Upper

73 100

57 21.2 18.6 27.8



#20

Methylene Chloride

Concen: 42.484 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY010568.D

Acq: 20 Sep 2022 11:23

Tgt Ion: 84 Resp: 110844

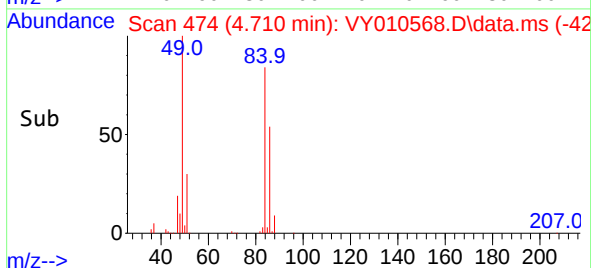
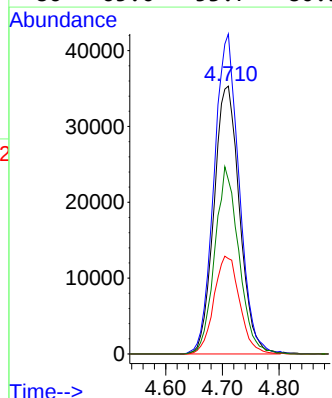
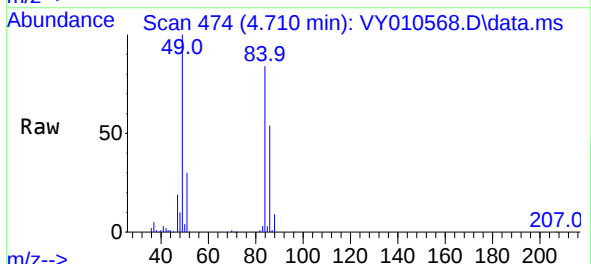
Ion Ratio Lower Upper

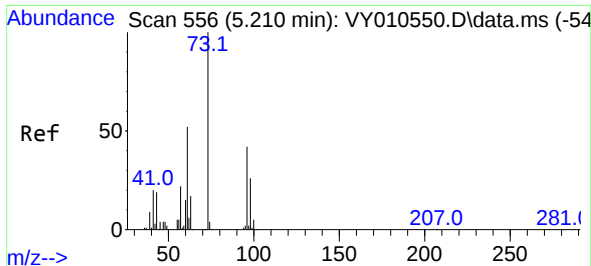
84 100

49 119.5 114.4 171.6

51 35.6 35.3 52.9

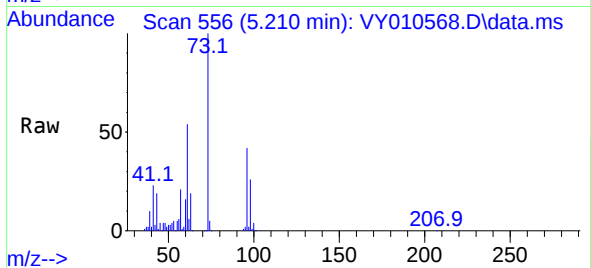
86 65.0 53.7 80.5



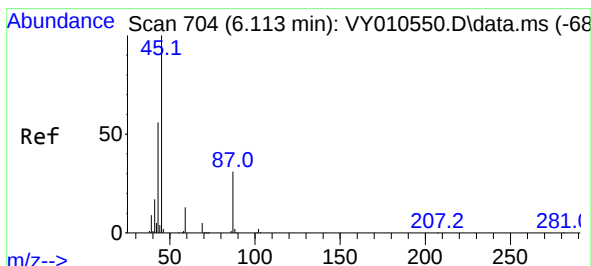
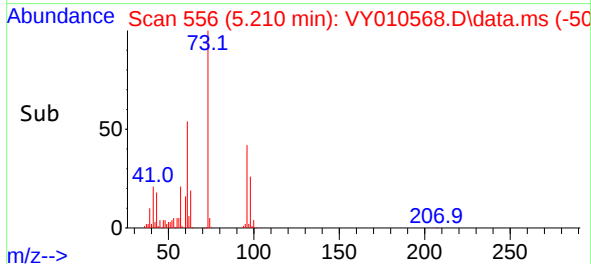
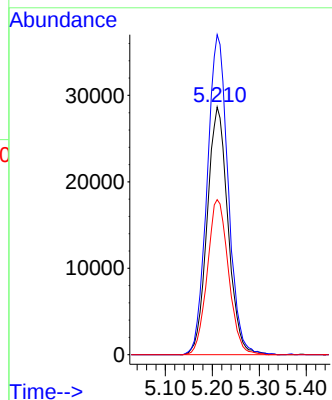


#21  
trans-1,2-Dichloroethene  
Concen: 45.925 ug/l  
RT: 5.210 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Instrument :  
MSVOA\_Y  
ClientSampleId :

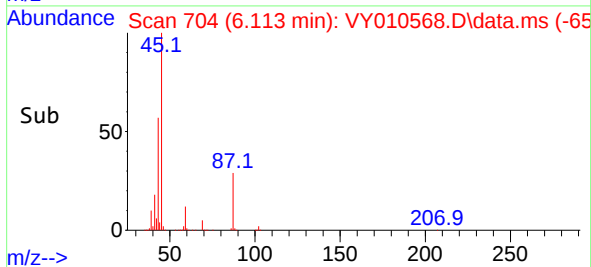
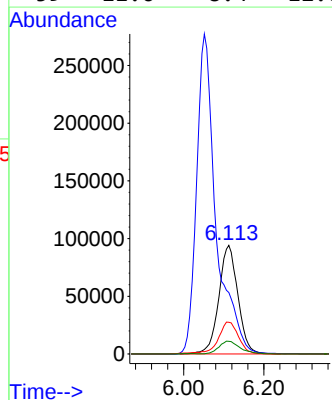
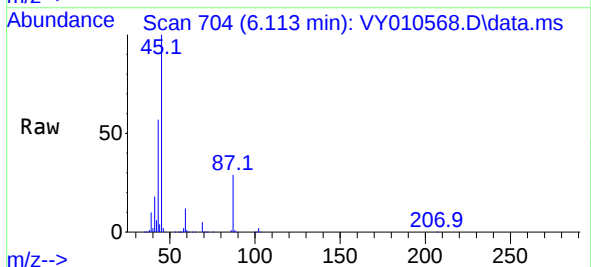


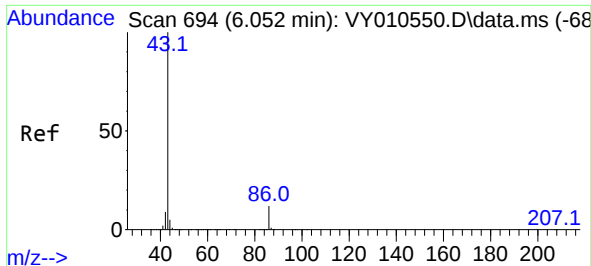
Tgt Ion: 96 Resp: 87978  
Ion Ratio Lower Upper  
96 100  
61 129.2 120.5 180.7  
98 62.6 49.8 74.8



#22  
Diisopropyl ether  
Concen: 51.389 ug/l  
RT: 6.113 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

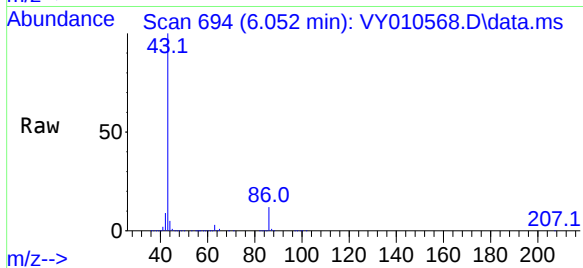
Tgt Ion: 45 Resp: 311333  
Ion Ratio Lower Upper  
45 100  
43 56.1 49.3 73.9  
87 29.2 19.2 28.8#  
59 11.6 8.4 12.6



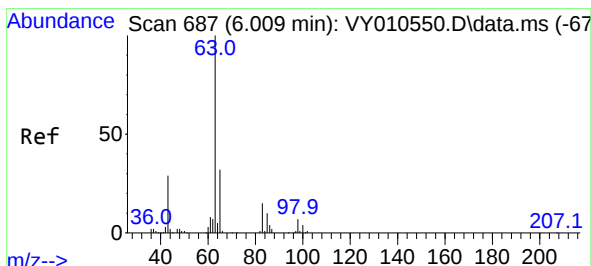
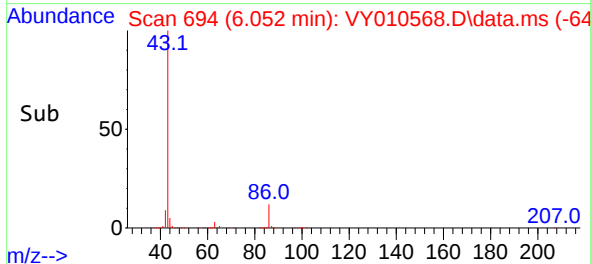
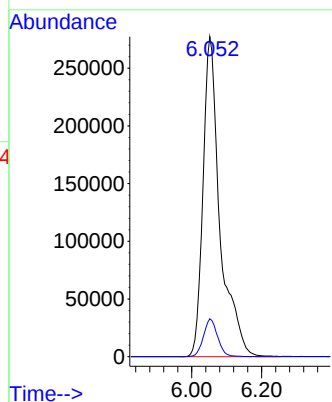


#23  
 Vinyl Acetate  
 Concen: 260.582 ug/l  
 RT: 6.052 min Scan# 694  
 Delta R.T. -0.000 min  
 Lab File: VY010568.D  
 Acq: 20 Sep 2022 11:23

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

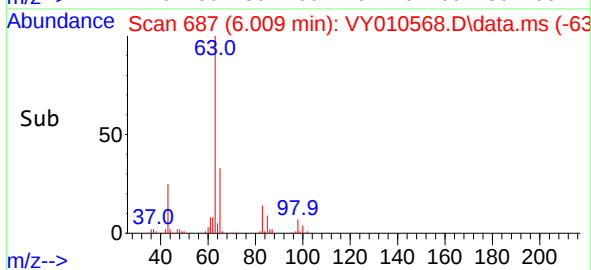
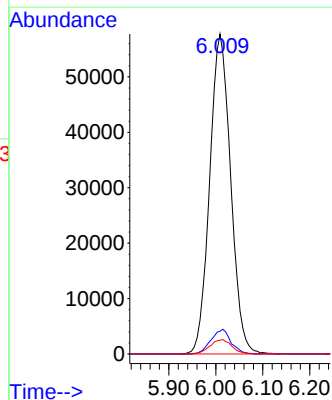
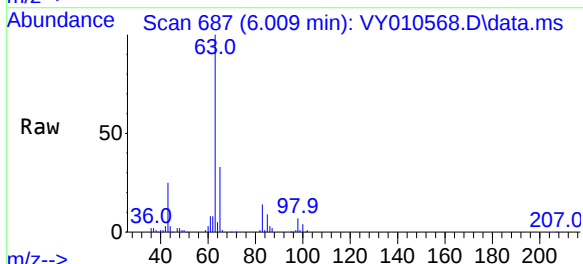


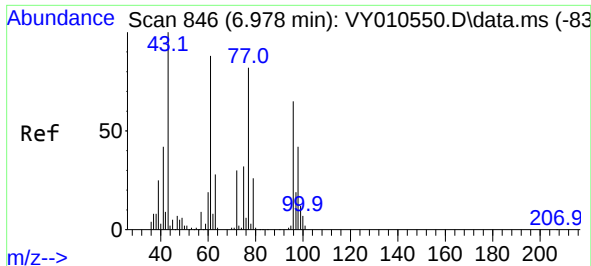
Tgt Ion: 43 Resp: 932599  
 Ion Ratio Lower Upper  
 43 100  
 86 11.9 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 49.253 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. -0.000 min  
 Lab File: VY010568.D  
 Acq: 20 Sep 2022 11:23

Tgt Ion: 63 Resp: 179087  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.6 10.8  
 100 4.3 2.0 5.8

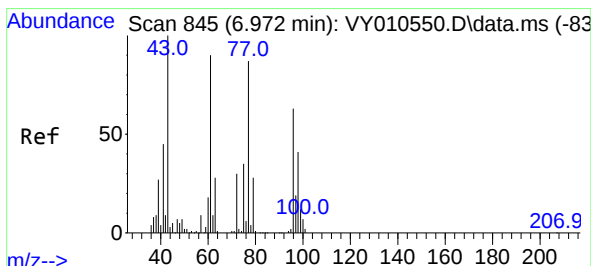
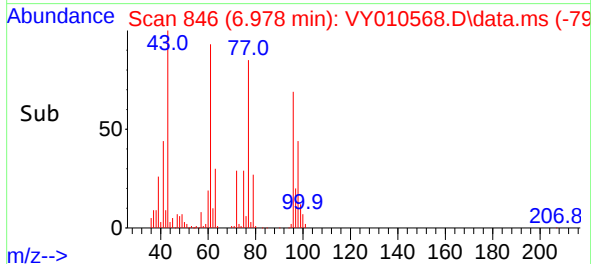
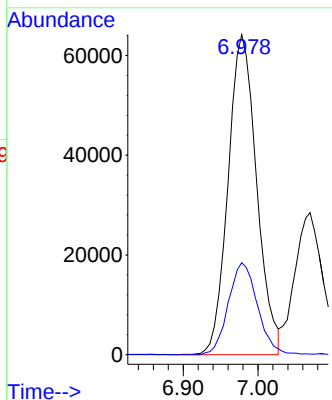
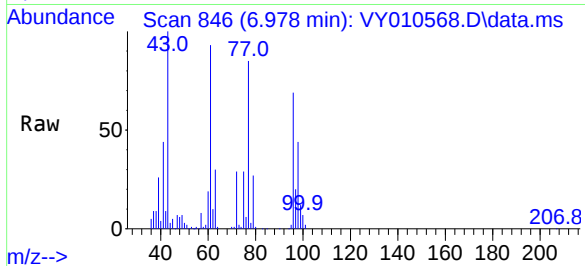




#25  
2-Butanone  
Concen: 232.043 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

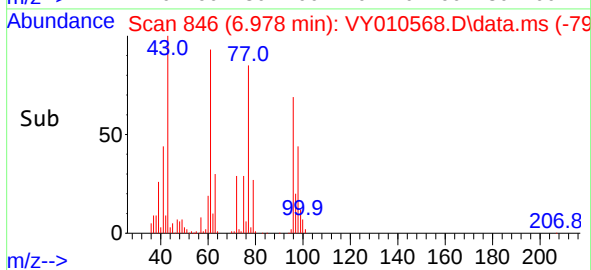
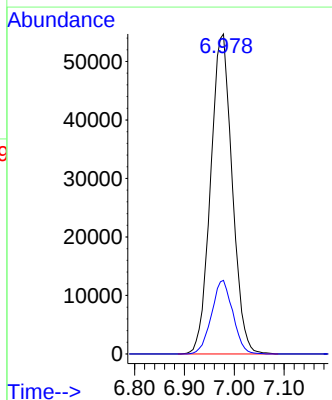
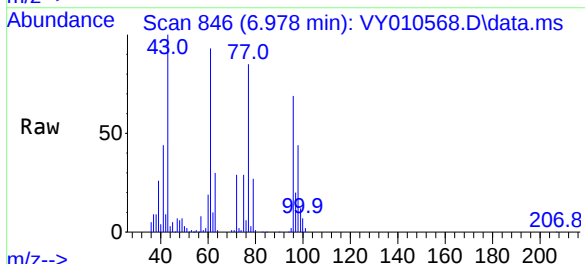
Instrument :  
MSVOA\_Y  
ClientSampleId :

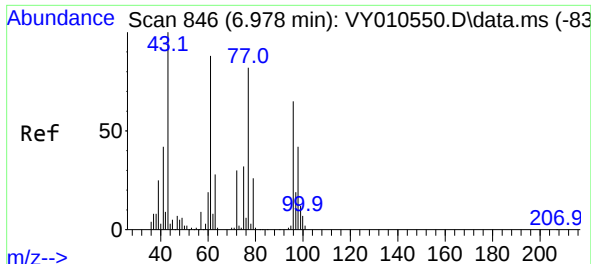
Tgt Ion: 43 Resp: 170668  
Ion Ratio Lower Upper  
43 100  
72 28.7 17.7 26.5#



#26  
2,2-Dichloropropane  
Concen: 46.985 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.006 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

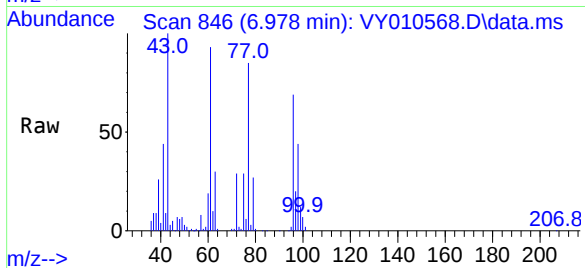
Tgt Ion: 77 Resp: 164284  
Ion Ratio Lower Upper  
77 100  
97 22.7 10.4 31.4





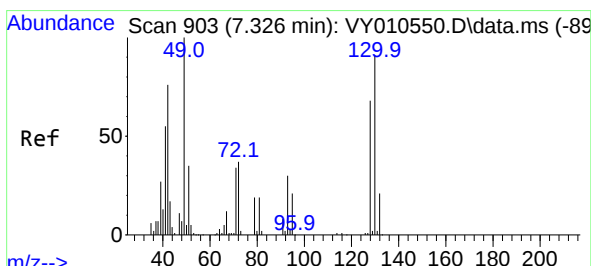
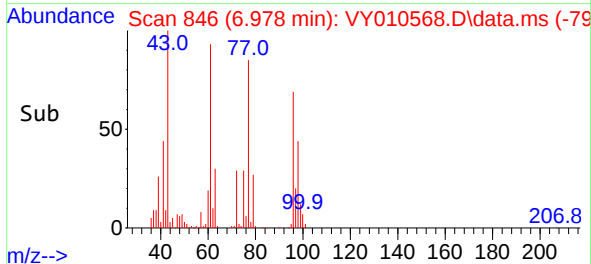
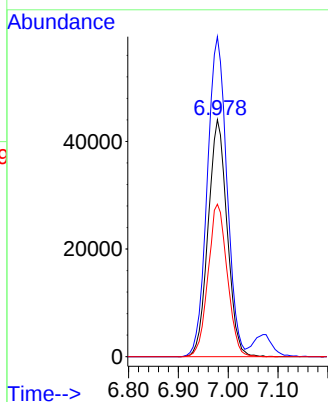
#27  
 cis-1,2-Dichloroethene  
 Concen: 48.791 ug/l  
 RT: 6.978 min Scan# 846  
 Delta R.T. 0.000 min  
 Lab File: VY010568.D  
 Acq: 20 Sep 2022 11:23

Instrument :  
 MSVOA\_Y  
 ClientSampleId :



Tgt Ion: 96 Resp: 116447  

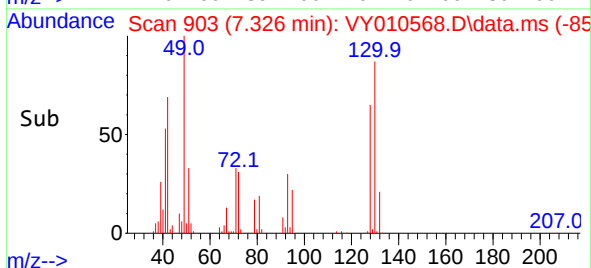
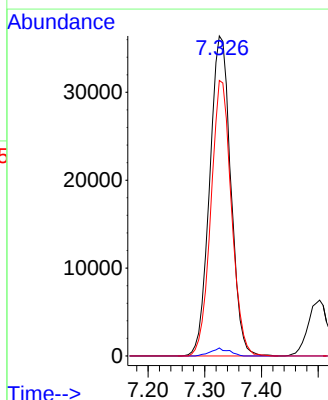
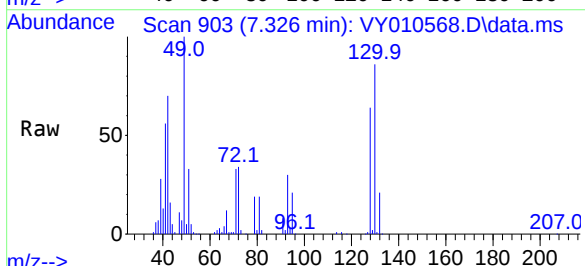
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 139.5 | 0.0   | 319.8 |
| 98  | 65.1  | 0.0   | 127.0 |

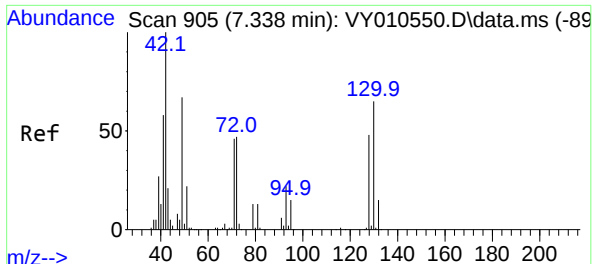


#28  
 Bromochloromethane  
 Concen: 54.527 ug/l  
 RT: 7.326 min Scan# 903  
 Delta R.T. -0.000 min  
 Lab File: VY010568.D  
 Acq: 20 Sep 2022 11:23

Tgt Ion: 49 Resp: 93889  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.2   | 0.0   | 2.2   |
| 130 | 83.9  | 55.4  | 83.0  |

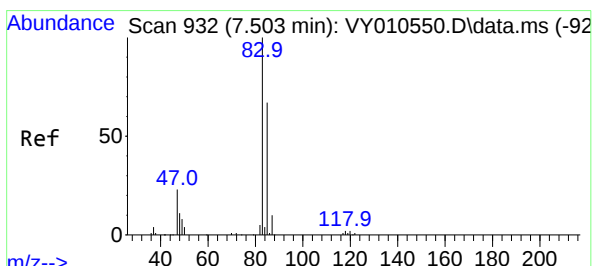
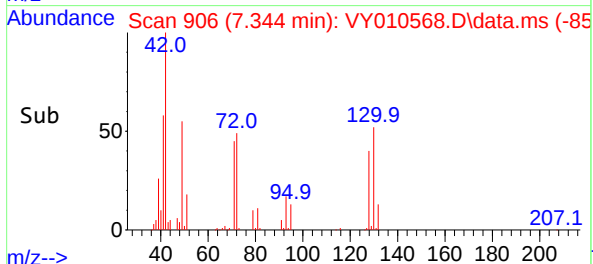
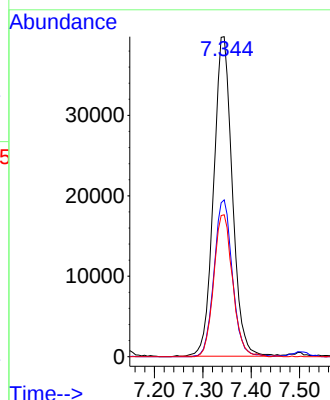
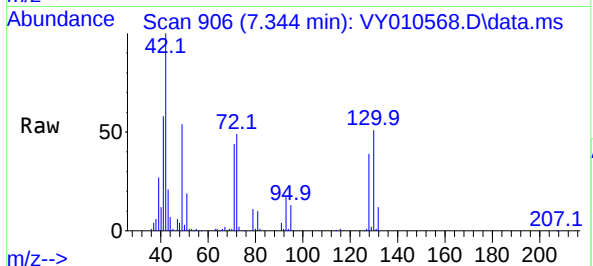




#29  
Tetrahydrofuran  
Concen: 236.317 ug/l  
RT: 7.344 min Scan# 905  
Delta R.T. 0.006 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

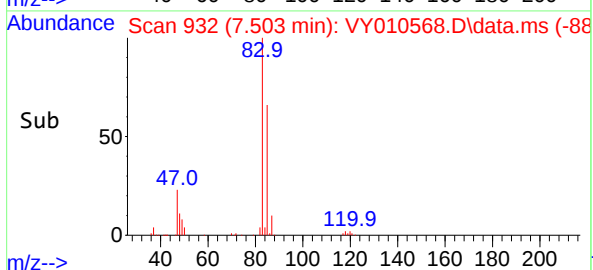
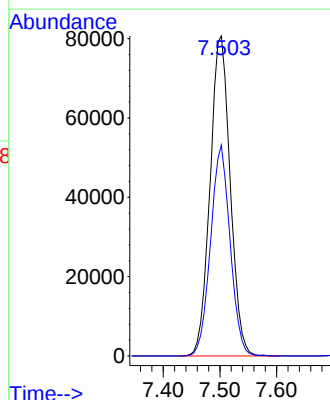
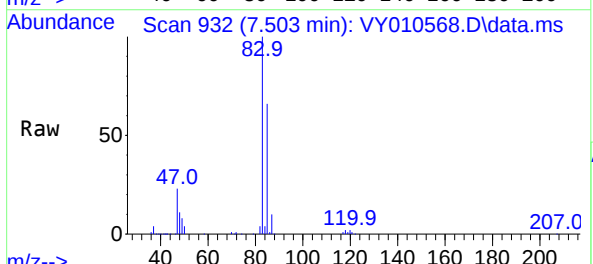
Instrument :  
MSVOA\_Y  
ClientSampleId :

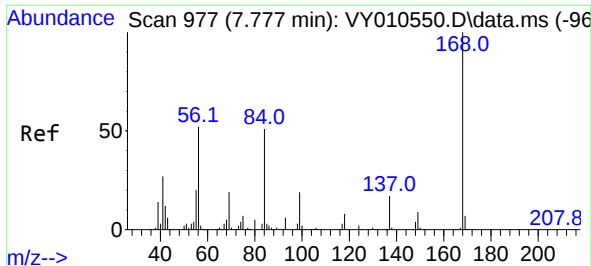
Tgt Ion: 42 Resp: 106755  
Ion Ratio Lower Upper  
42 100  
72 48.2 30.3 45.5#  
71 44.8 29.0 43.4#



#30  
Chloroform  
Concen: 50.512 ug/l  
RT: 7.503 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

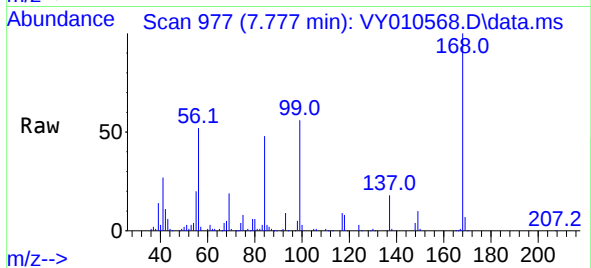
Tgt Ion: 83 Resp: 198707  
Ion Ratio Lower Upper  
83 100  
85 65.8 51.8 77.6



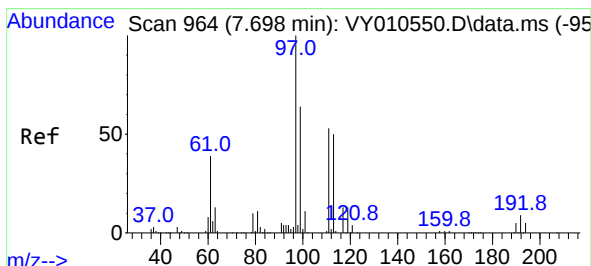
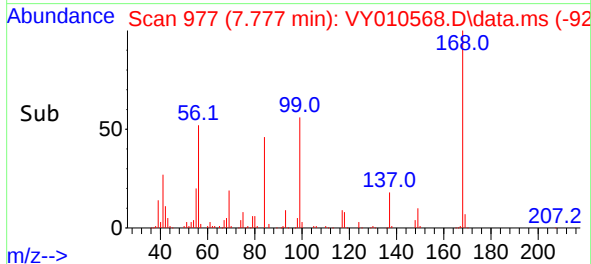
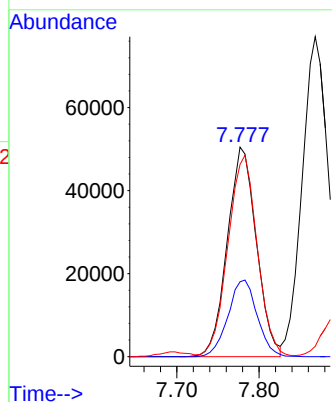


#31  
Cyclohexane  
Concen: 47.788 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Instrument :  
MSVOA\_Y  
ClientSampleId :

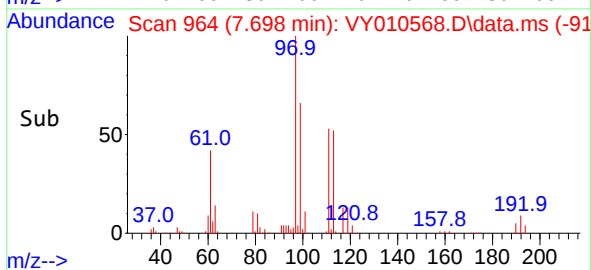
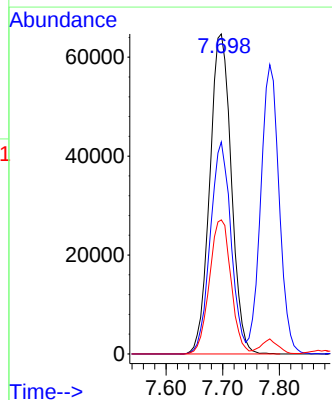
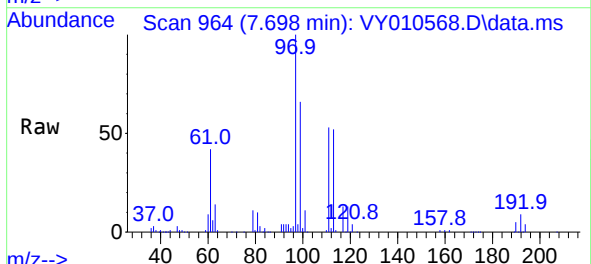


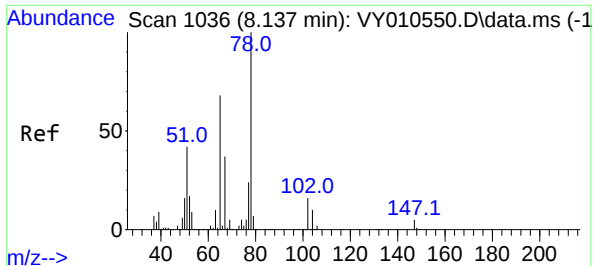
Tgt Ion: 56 Resp: 124188  
Ion Ratio Lower Upper  
56 100  
69 35.7 26.7 40.1  
84 89.9 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 48.678 ug/l  
RT: 7.698 min Scan# 964  
Delta R.T. -0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Tgt Ion: 97 Resp: 170425  
Ion Ratio Lower Upper  
97 100  
99 63.7 50.7 76.1  
61 42.0 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 54.739 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY010568.D

Acq: 20 Sep 2022 11:23

Instrument :

MSVOA\_Y

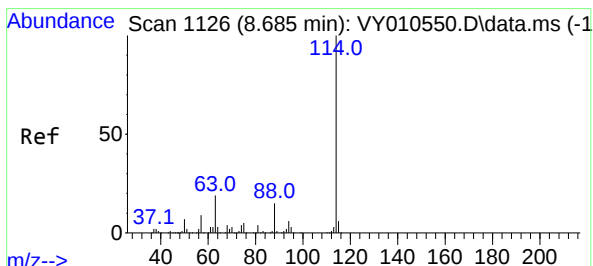
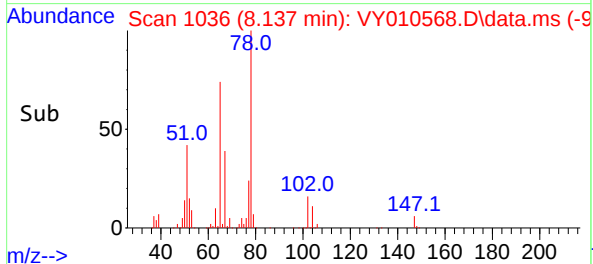
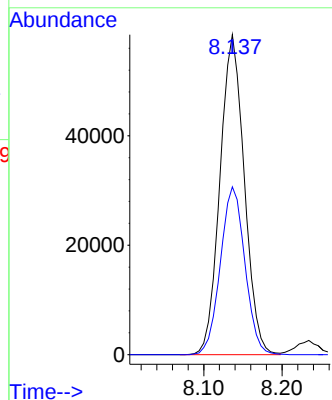
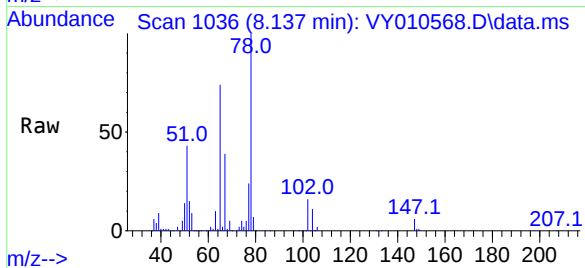
ClientSampleId :

Tgt Ion: 65 Resp: 126219

Ion Ratio Lower Upper

65 100

67 52.9 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: VY010568.D

Acq: 20 Sep 2022 11:23

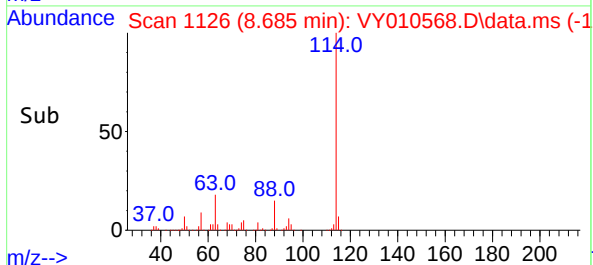
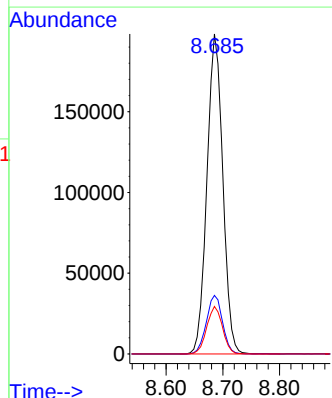
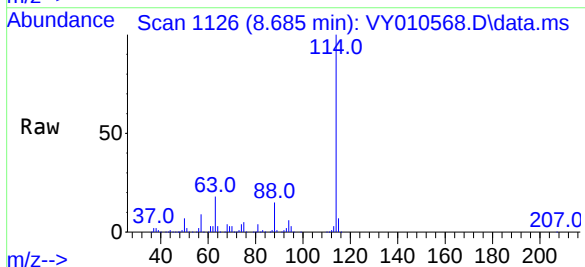
Tgt Ion:114 Resp: 384777

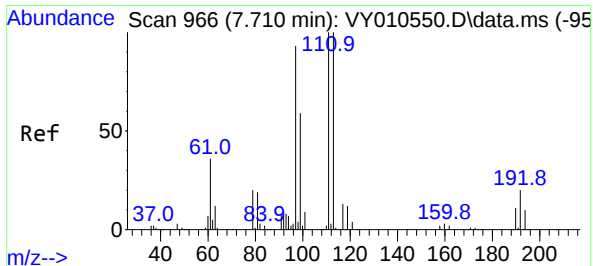
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

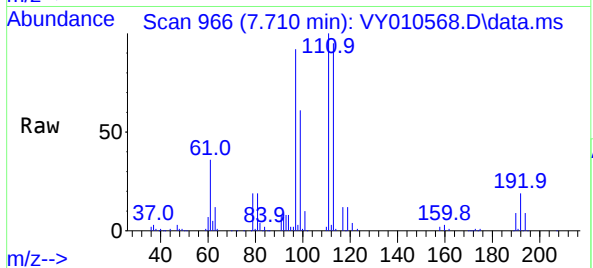
88 14.8 0.0 31.8



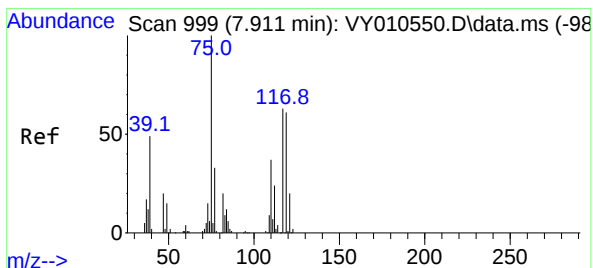
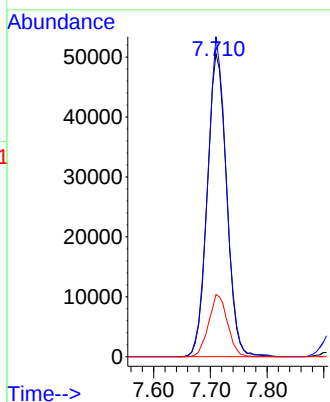
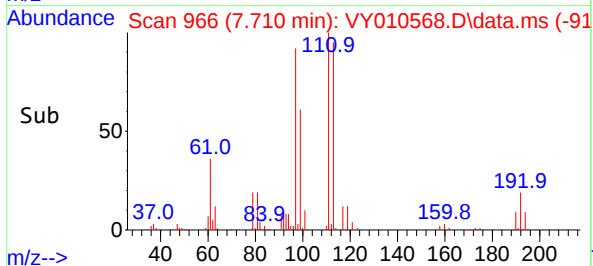


#35  
Dibromofluoromethane  
Concen: 48.739 ug/l  
RT: 7.710 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Instrument :  
MSVOA\_Y  
ClientSampleId :

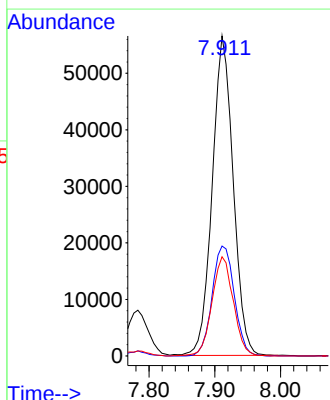
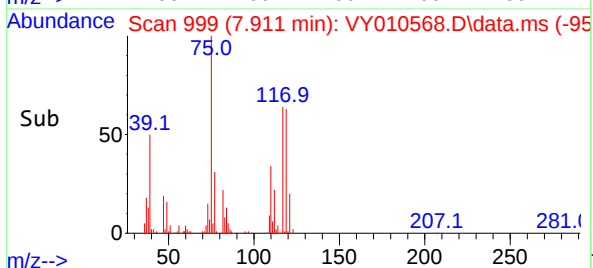
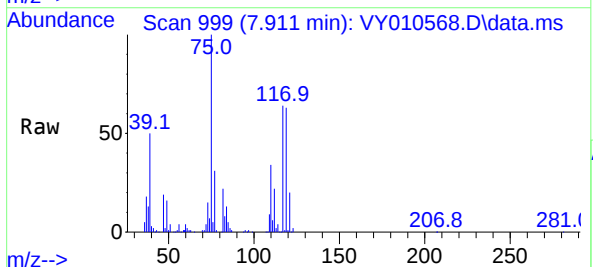


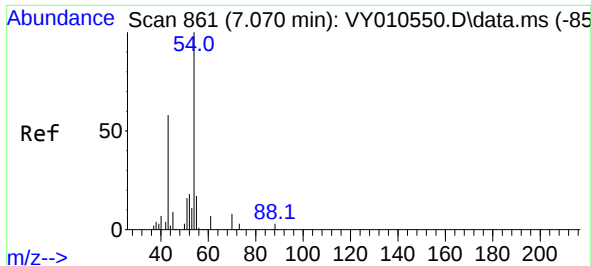
Tgt Ion:113 Resp: 119686  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.6 124.0  
192 20.0 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 45.809 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Tgt Ion: 75 Resp: 125339  
Ion Ratio Lower Upper  
75 100  
110 36.4 17.1 51.2  
77 31.7 24.4 36.6

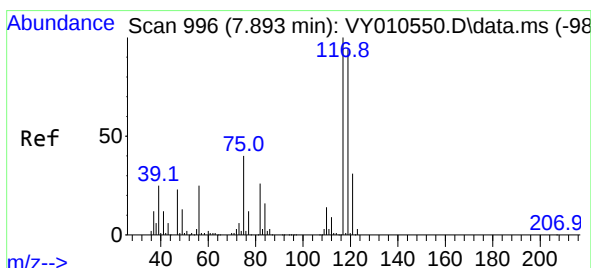
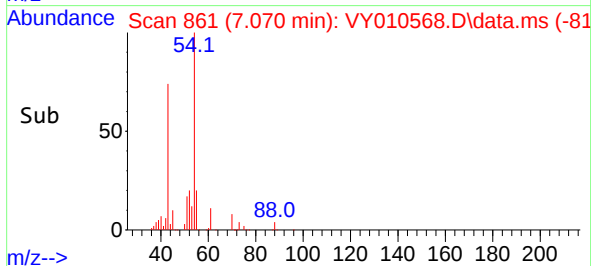
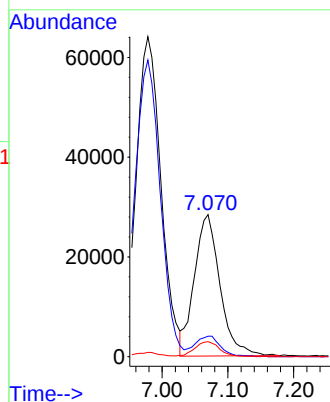
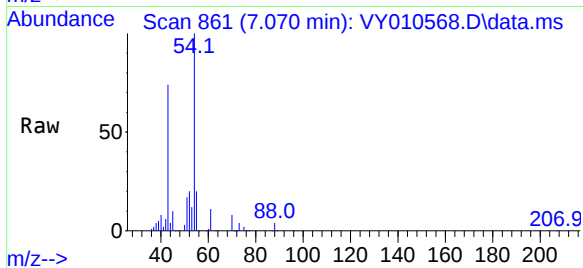




#37  
Ethyl Acetate  
Concen: 48.589 ug/l  
RT: 7.070 min Scan# 861  
Delta R.T. -0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

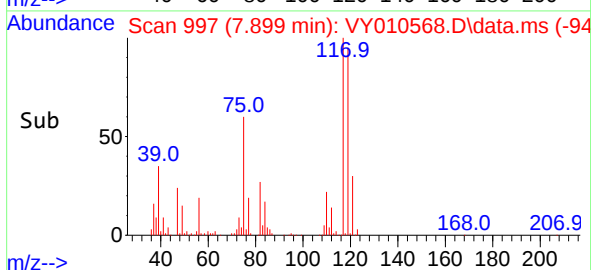
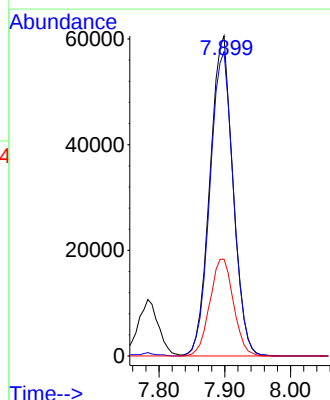
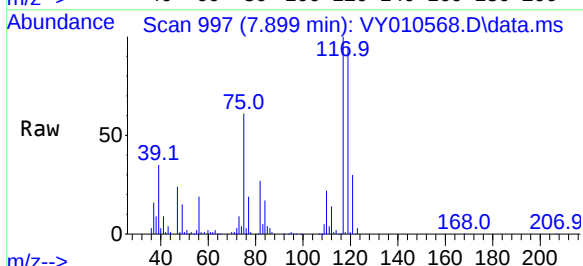
Instrument :  
MSVOA\_Y  
ClientSampleId :

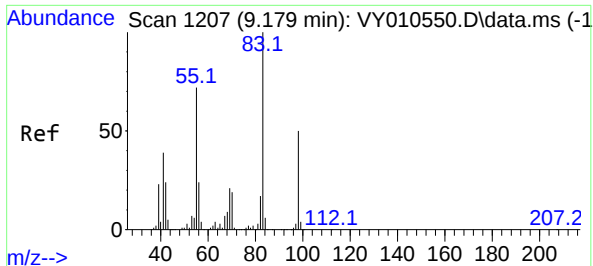
Tgt Ion: 43 Resp: 76789  
Ion Ratio Lower Upper  
43 100  
61 14.0 9.7 14.5  
70 10.5 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 46.945 ug/l  
RT: 7.899 min Scan# 997  
Delta R.T. 0.006 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Tgt Ion: 117 Resp: 147692  
Ion Ratio Lower Upper  
117 100  
119 95.0 77.9 116.9  
121 30.3 24.8 37.2





#39

Methylcyclohexane

Concen: 43.250 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010568.D

Acq: 20 Sep 2022 11:23

Instrument :

MSVOA\_Y

ClientSampleId :

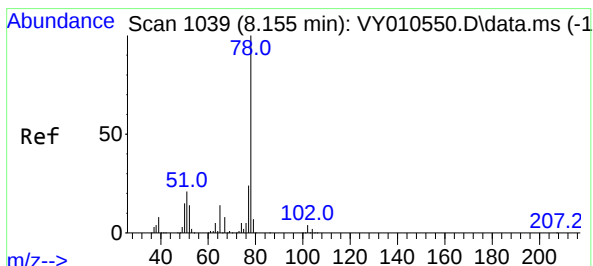
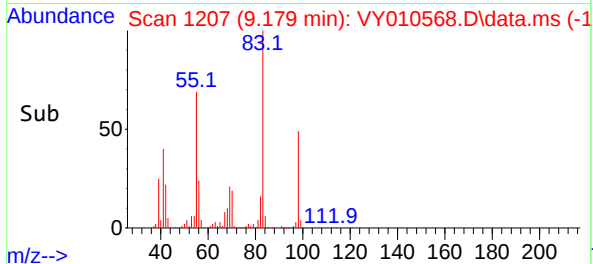
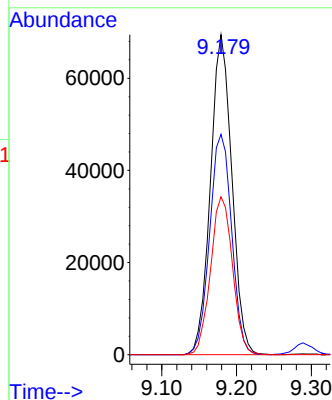
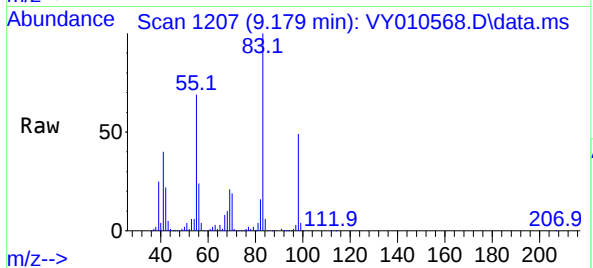
Tgt Ion: 83 Resp: 138506

Ion Ratio Lower Upper

83 100

55 68.9 66.5 99.7

98 49.3 37.9 56.9



#40

Benzene

Concen: 47.732 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY010568.D

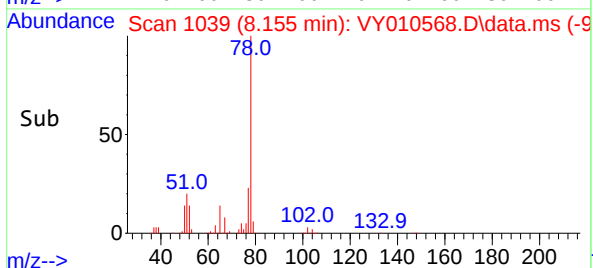
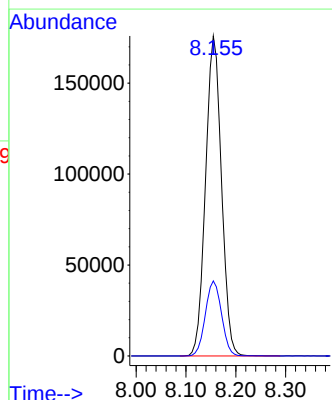
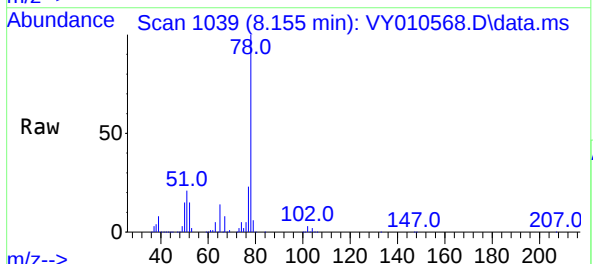
Acq: 20 Sep 2022 11:23

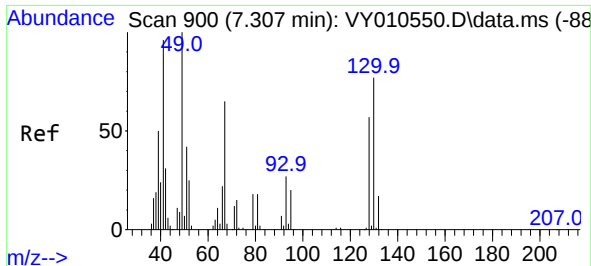
Tgt Ion: 78 Resp: 389343

Ion Ratio Lower Upper

78 100

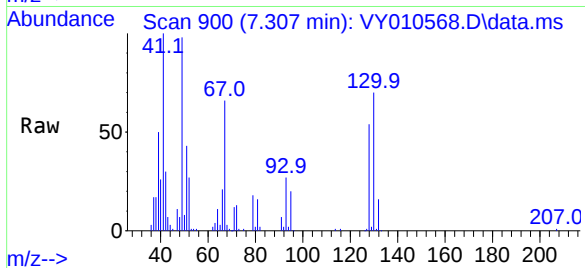
77 23.4 20.4 30.6



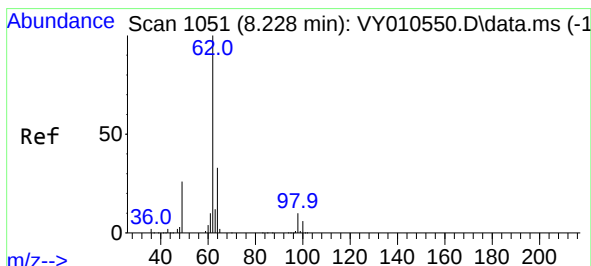
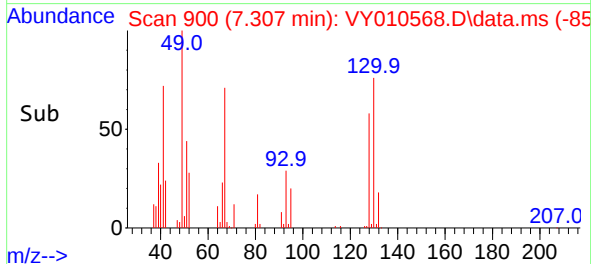
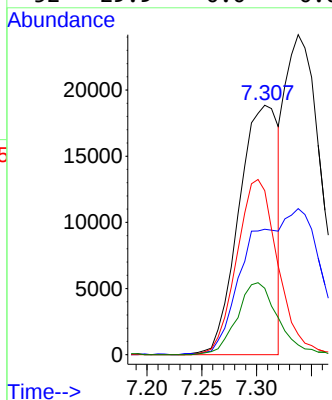


#41  
Methacrylonitrile  
Concen: 58.473 ug/l  
RT: 7.307 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Instrument :  
MSVOA\_Y  
ClientSampleId :

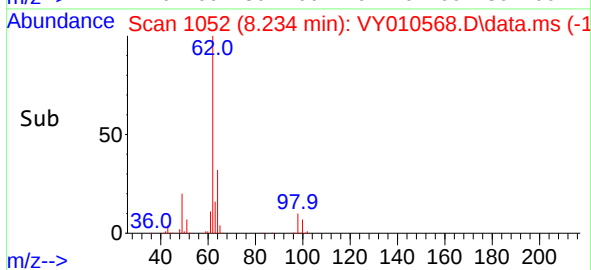
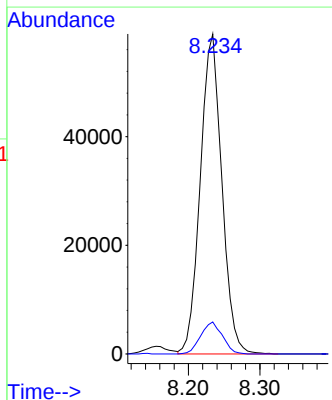
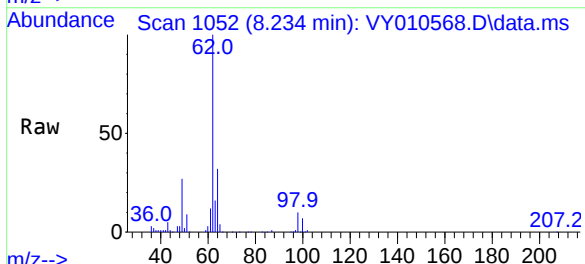


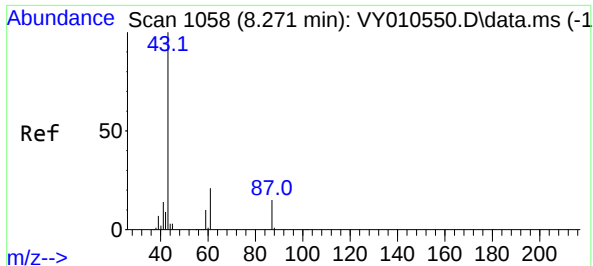
Tgt Ion: 41 Resp: 47134  
Ion Ratio Lower Upper  
41 100  
39 0.0 92.9 139.3#  
67 73.4 0.0 0.0#  
52 29.9 0.0 0.0#



#42  
1,2-Dichloroethane  
Concen: 49.062 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. 0.006 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Tgt Ion: 62 Resp: 123230  
Ion Ratio Lower Upper  
62 100  
98 10.1 0.0 14.8





#43

Isopropyl Acetate

Concen: 47.915 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY010568.D

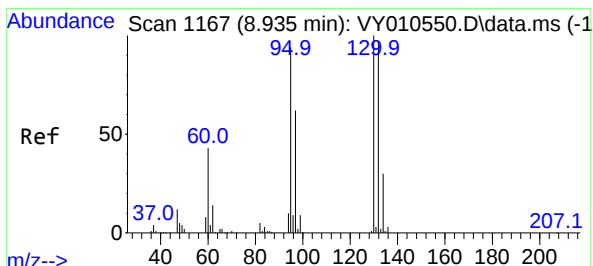
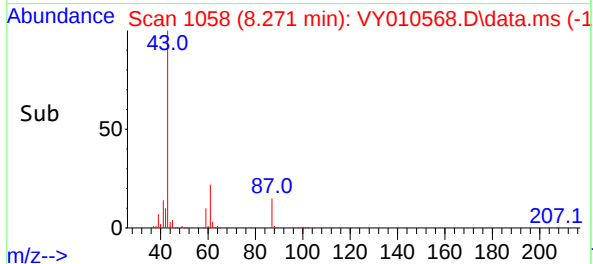
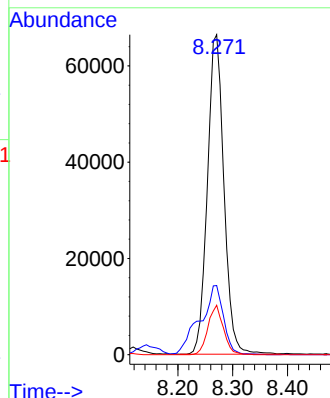
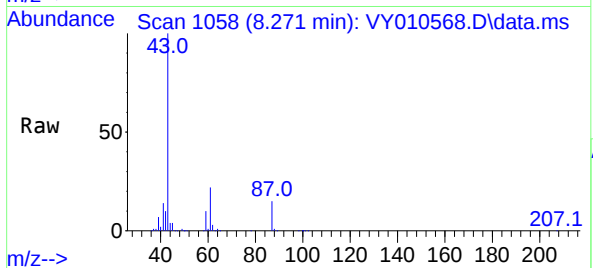
Acq: 20 Sep 2022 11:23

Instrument :

MSVOA\_Y

ClientSampleId :

|             |                 |
|-------------|-----------------|
| Tgt Ion: 43 | Resp: 138805    |
| Ion Ratio   | Lower Upper     |
| 43          | 100             |
| 61          | 30.8 20.2 30.2# |
| 87          | 14.4 8.9 13.3#  |



#44

Trichloroethene

Concen: 46.328 ug/l

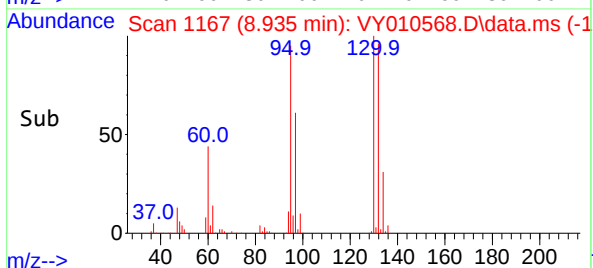
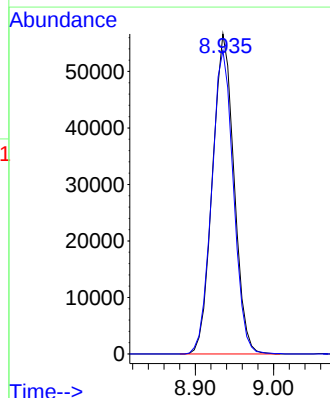
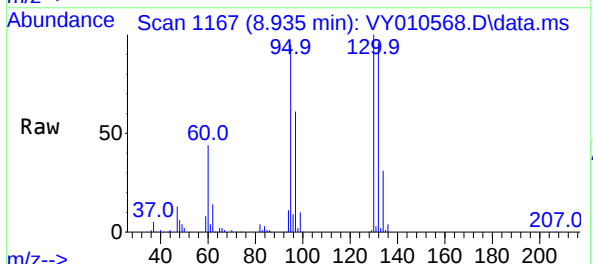
RT: 8.935 min Scan# 1167

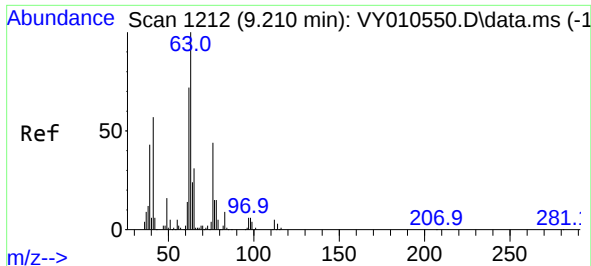
Delta R.T. 0.000 min

Lab File: VY010568.D

Acq: 20 Sep 2022 11:23

|              |                |
|--------------|----------------|
| Tgt Ion: 130 | Resp: 108174   |
| Ion Ratio    | Lower Upper    |
| 130          | 100            |
| 95           | 94.8 0.0 188.2 |





#45

1,2-Dichloropropane

Concen: 50.065 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY010568.D

Acq: 20 Sep 2022 11:23

Instrument :

MSVOA\_Y

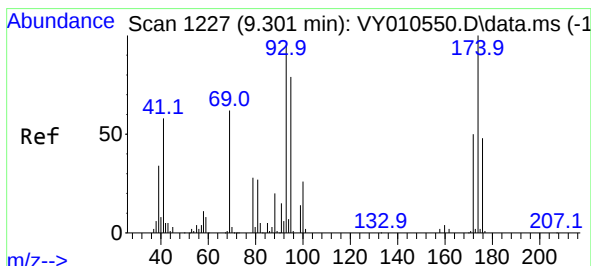
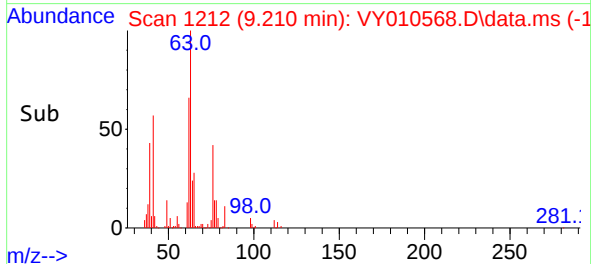
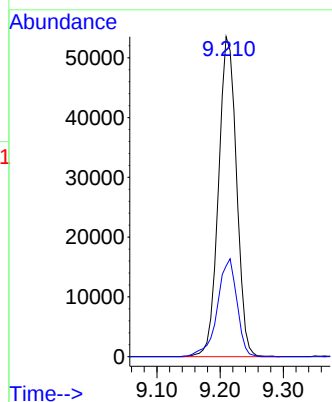
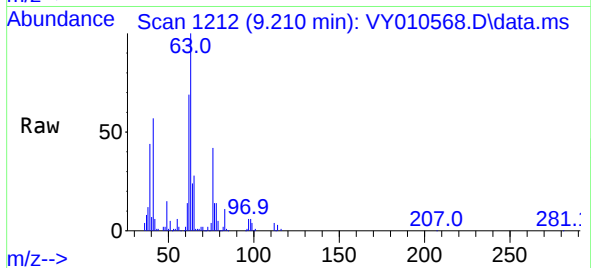
ClientSampleId :

Tgt Ion: 63 Resp: 105643

Ion Ratio Lower Upper

63 100

65 28.3 23.0 34.6



#46

Dibromomethane

Concen: 48.927 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010568.D

Acq: 20 Sep 2022 11:23

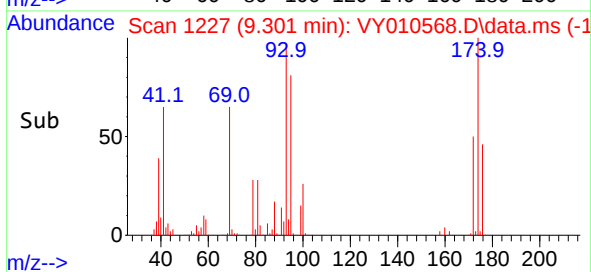
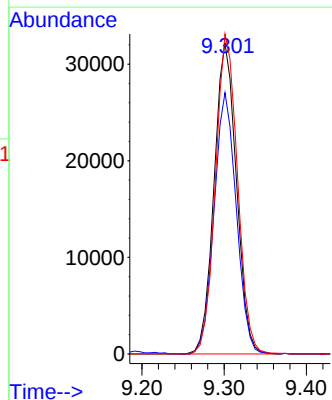
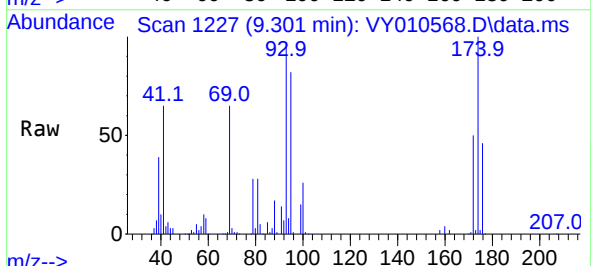
Tgt Ion: 93 Resp: 60628

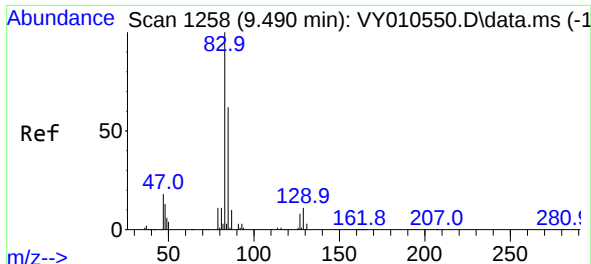
Ion Ratio Lower Upper

93 100

95 83.5 64.3 96.5

174 101.6 83.4 125.0





#47

Bromodichloromethane

Concen: 50.909 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. -0.000 min

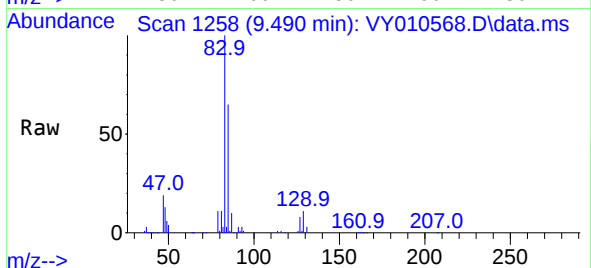
Lab File: VY010568.D

Acq: 20 Sep 2022 11:23

Instrument :

MSVOA\_Y

ClientSampleId :



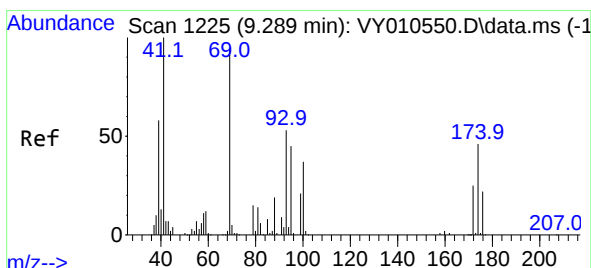
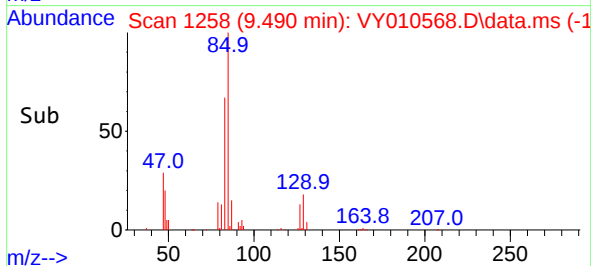
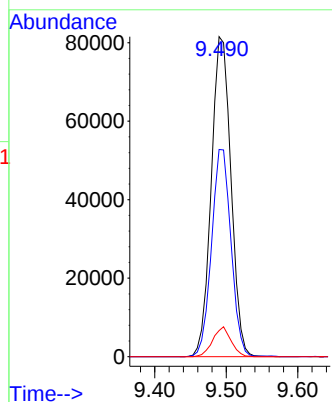
Tgt Ion: 83 Resp: 155766

Ion Ratio Lower Upper

83 100

85 64.8 51.9 77.9

127 8.1 6.6 10.0



#48

Methyl methacrylate

Concen: 49.151 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY010568.D

Acq: 20 Sep 2022 11:23

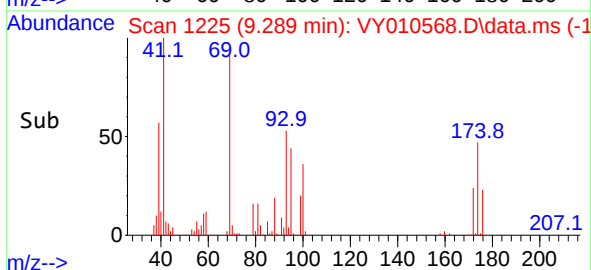
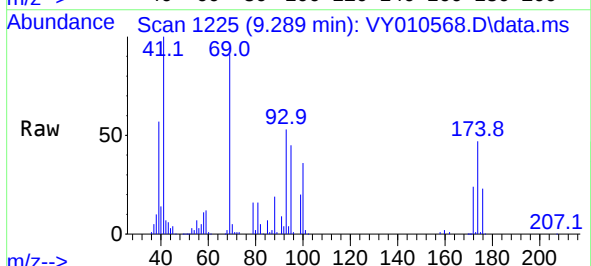
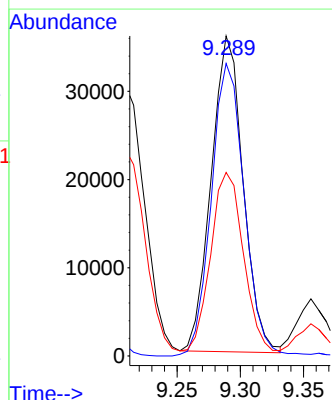
Tgt Ion: 41 Resp: 62854

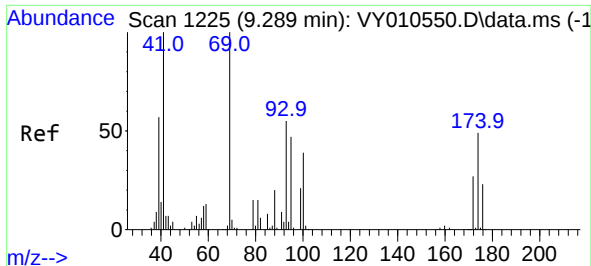
Ion Ratio Lower Upper

41 100

69 96.0 58.2 87.2#

39 60.9 47.4 71.0





#49

1,4-Dioxane

Concen: 931.138 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010568.D

Acq: 20 Sep 2022 11:23

Instrument :

MSVOA\_Y

ClientSampleId :

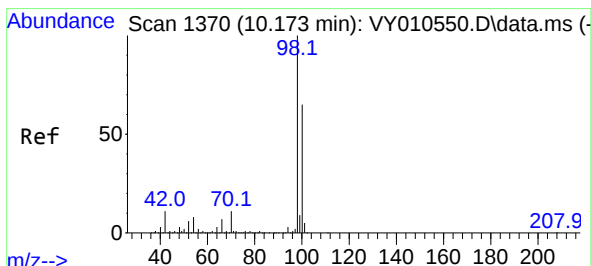
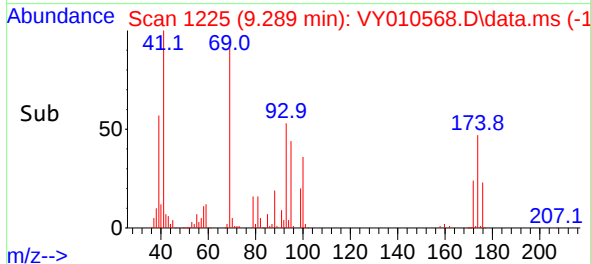
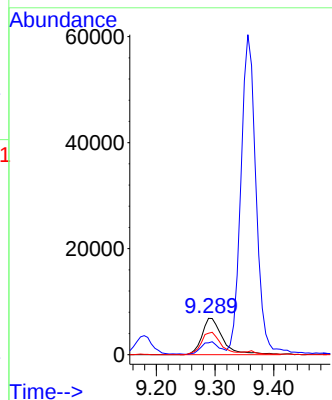
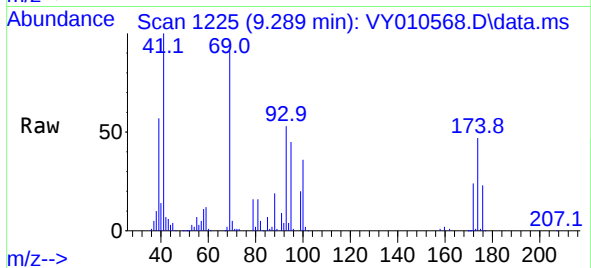
Tgt Ion: 88 Resp: 16967

Ion Ratio Lower Upper

88 100

43 29.8 32.8 49.2#

58 57.3 59.8 89.6#



#50

Toluene-d8

Concen: 52.137 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY010568.D

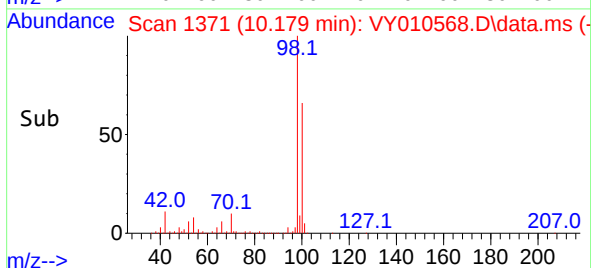
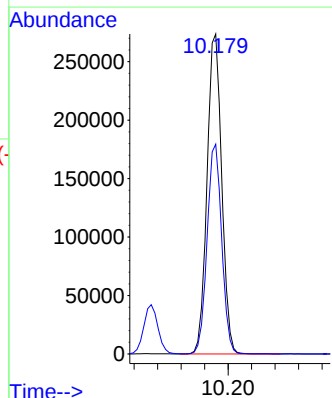
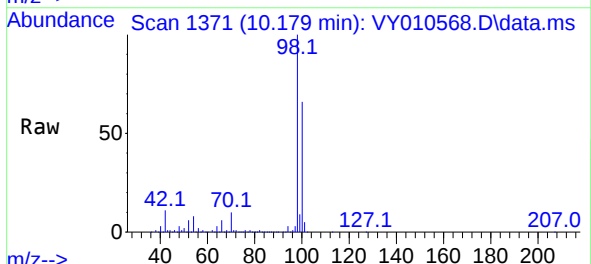
Acq: 20 Sep 2022 11:23

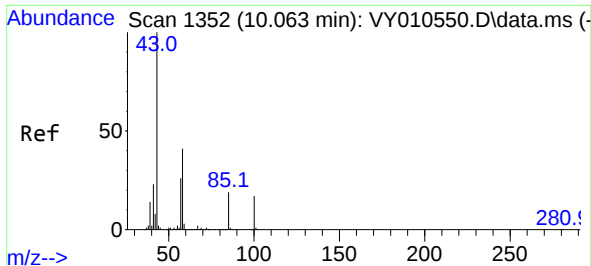
Tgt Ion: 98 Resp: 474467

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2

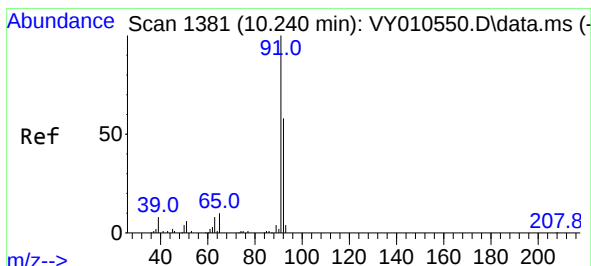
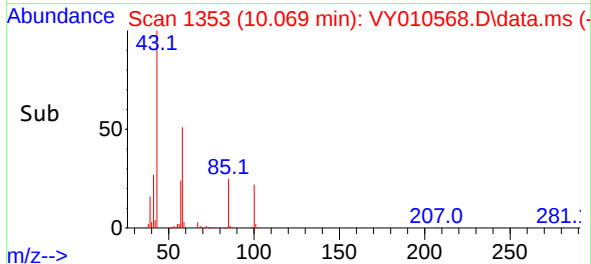
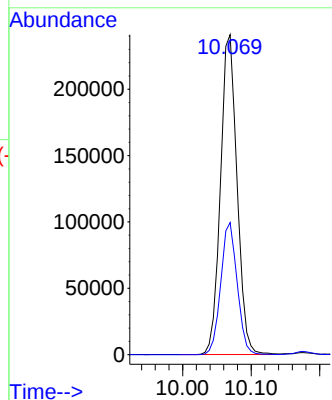
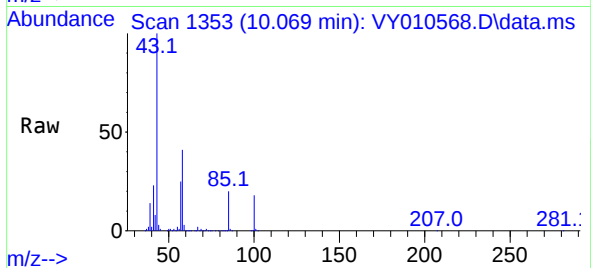




#51  
4-Methyl-2-Pentanone  
Concen: 246.813 ug/l  
RT: 10.069 min Scan# 1352  
Delta R.T. 0.006 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

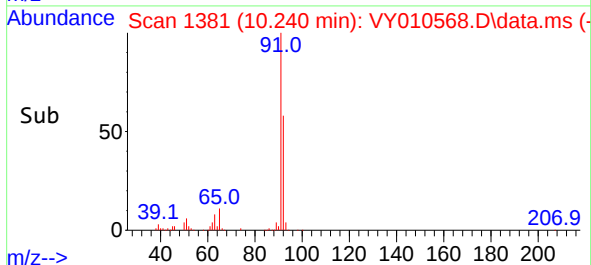
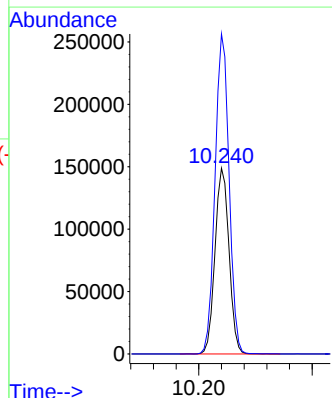
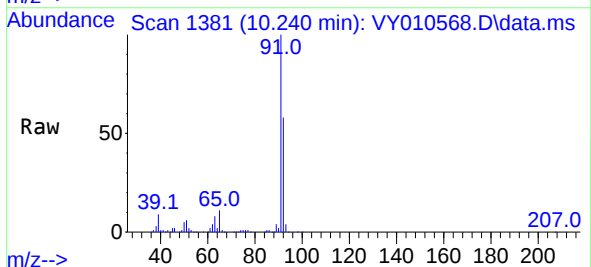
Instrument :  
MSVOA\_Y  
ClientSampleId :

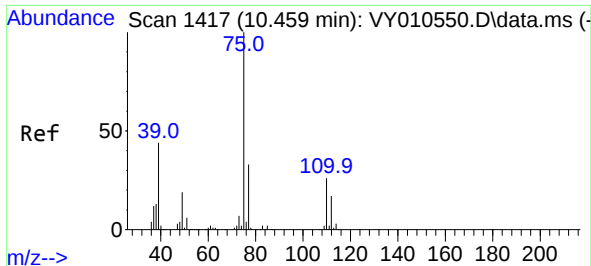
Tgt Ion: 43 Resp: 403671  
Ion Ratio Lower Upper  
43 100  
58 40.9 28.1 42.1



#52  
Toluene  
Concen: 47.768 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Tgt Ion: 92 Resp: 254939  
Ion Ratio Lower Upper  
92 100  
91 172.2 142.6 213.8

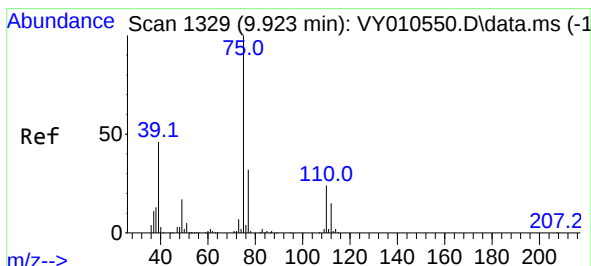
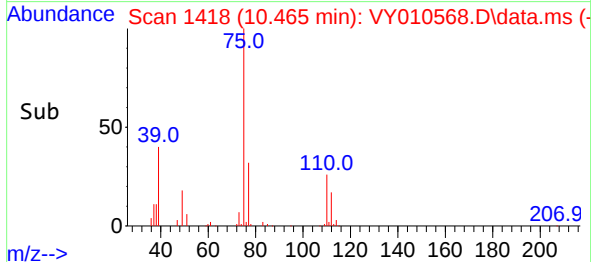
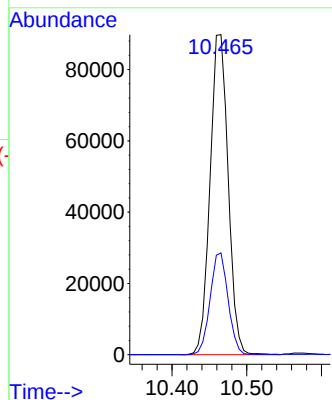
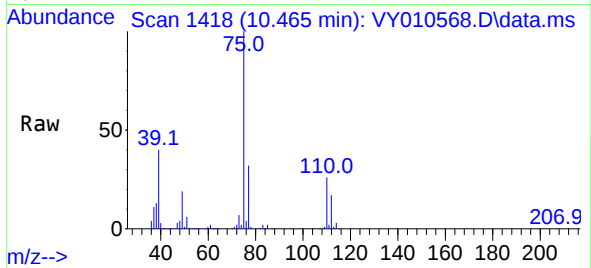




#53  
 t-1,3-Dichloropropene  
 Concen: 48.864 ug/l  
 RT: 10.465 min Scan# 1417  
 Delta R.T. 0.006 min  
 Lab File: VY010568.D  
 Acq: 20 Sep 2022 11:23

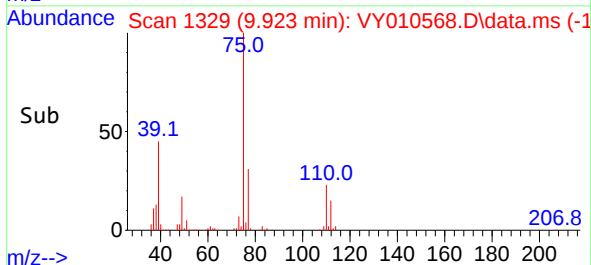
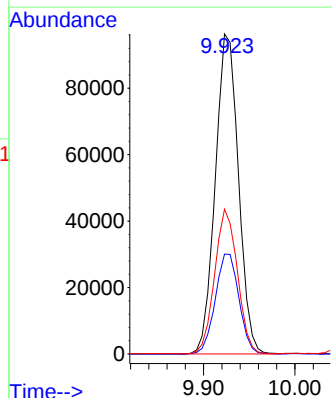
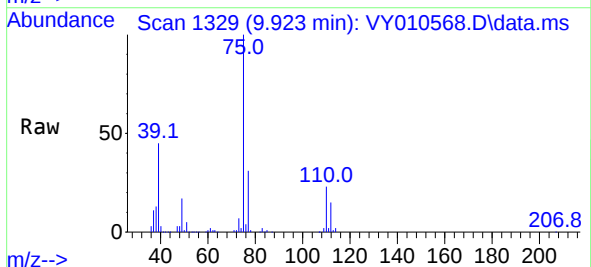
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

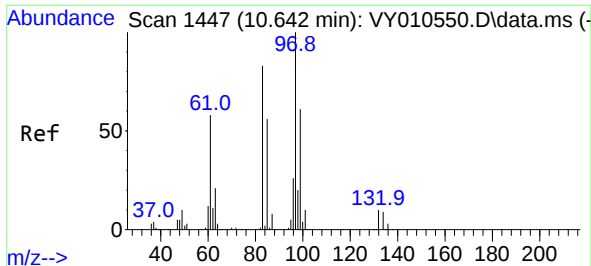
Tgt Ion: 75 Resp: 151174  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 49.184 ug/l  
 RT: 9.923 min Scan# 1329  
 Delta R.T. -0.000 min  
 Lab File: VY010568.D  
 Acq: 20 Sep 2022 11:23

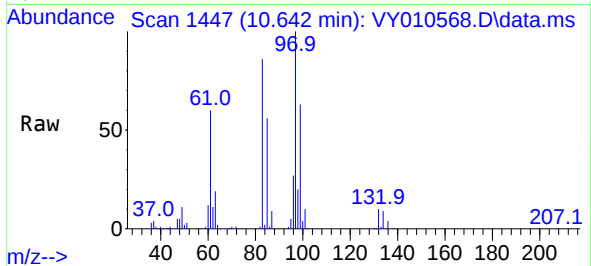
Tgt Ion: 75 Resp: 169648  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 25.6 38.4  
 39 45.1 47.6 71.4#





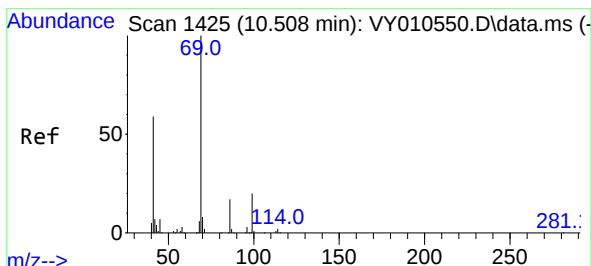
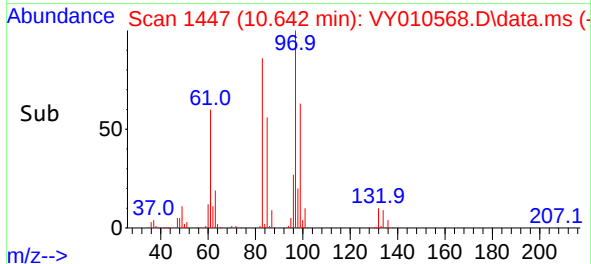
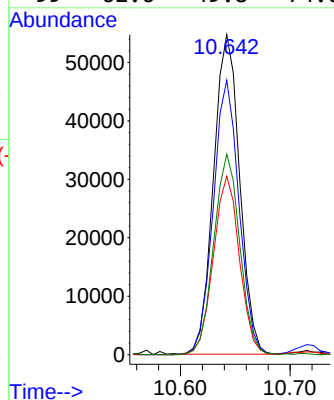
#55  
1,1,2-Trichloroethane  
Concen: 49.667 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Instrument :  
MSVOA\_Y  
ClientSampleId :



Tgt Ion: 97 Resp: 90528

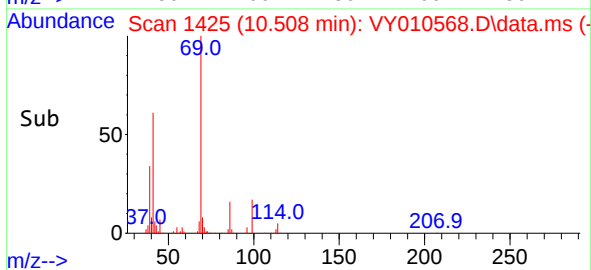
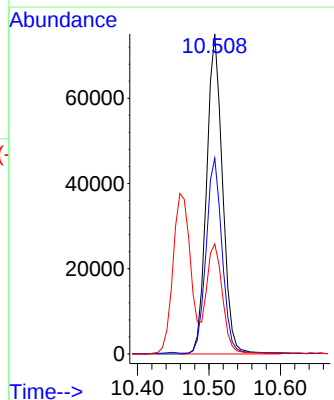
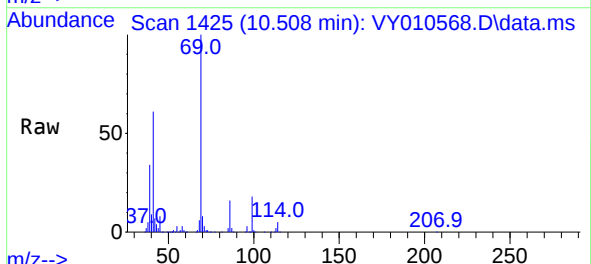
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.8  | 69.8  | 104.8 |
| 85  | 55.9  | 44.3  | 66.5  |
| 99  | 62.6  | 49.8  | 74.6  |

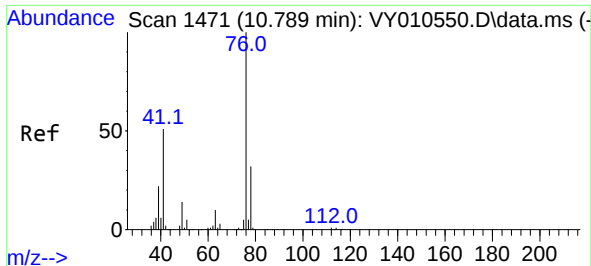


#56  
Ethyl methacrylate  
Concen: 49.271 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Tgt Ion: 69 Resp: 116342

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 60.7  | 63.4  | 95.0# |
| 39  | 33.0  | 35.8  | 53.8# |





#57

1,3-Dichloropropane

Concen: 49.845 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY010568.D

Acq: 20 Sep 2022 11:23

Instrument :

MSVOA\_Y

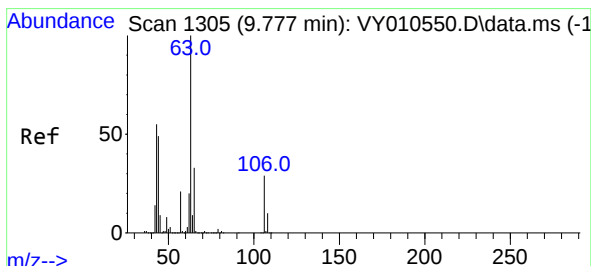
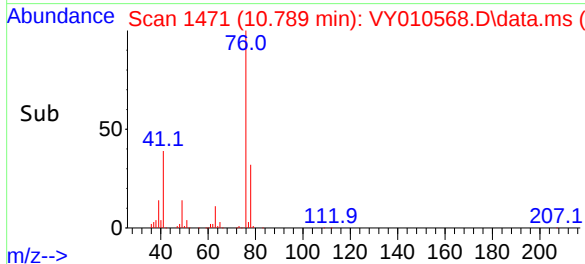
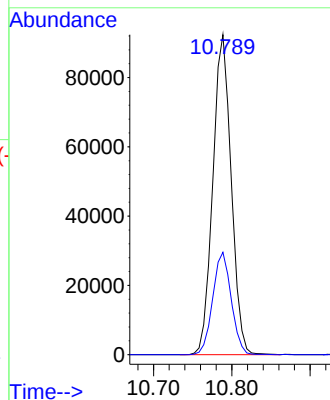
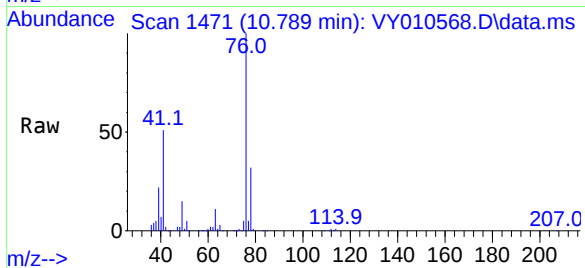
ClientSampleId :

Tgt Ion: 76 Resp: 150490

Ion Ratio Lower Upper

76 100

78 32.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 250.976 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY010568.D

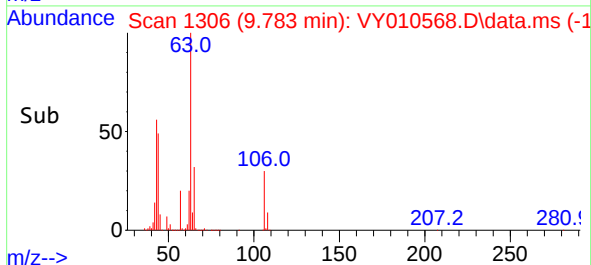
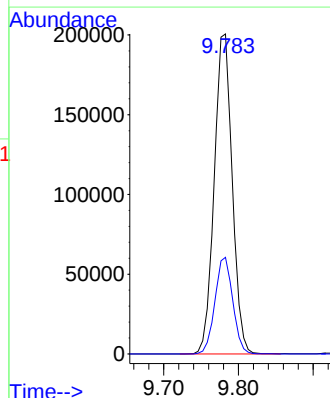
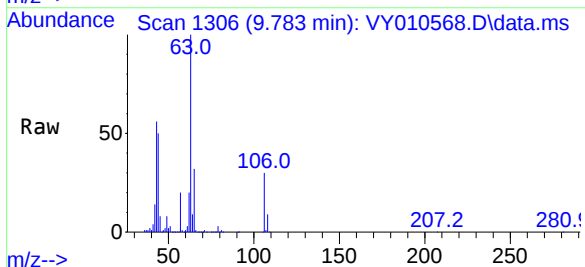
Acq: 20 Sep 2022 11:23

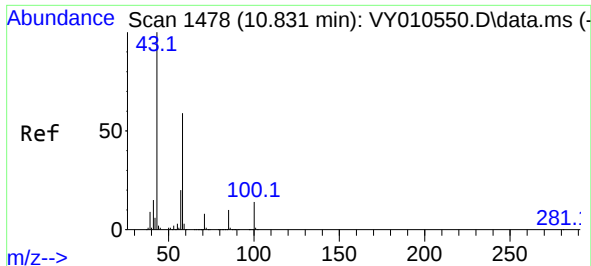
Tgt Ion: 63 Resp: 335603

Ion Ratio Lower Upper

63 100

106 29.9 21.5 32.3

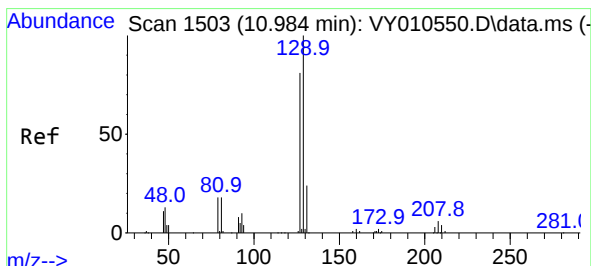
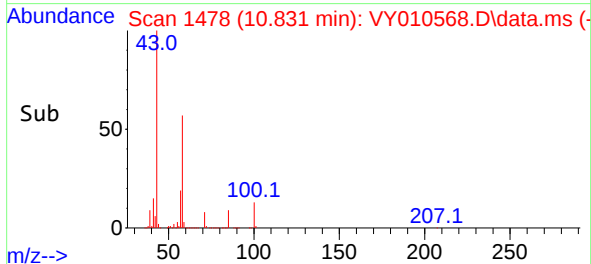
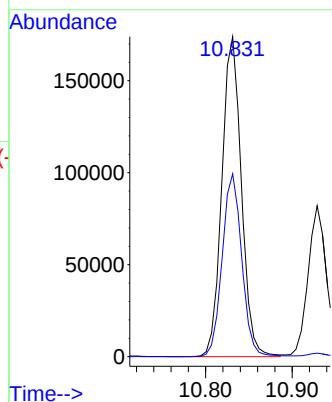
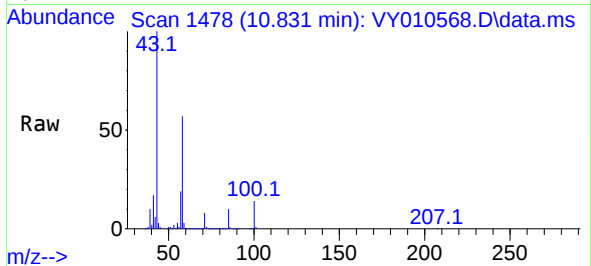




#59  
2-Hexanone  
Concen: 245.545 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

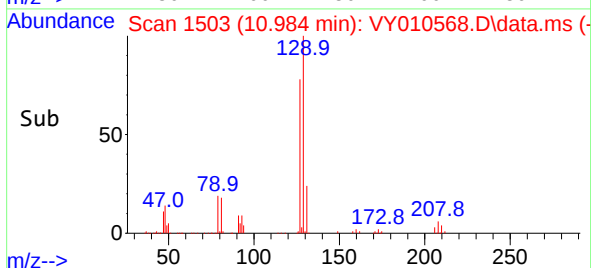
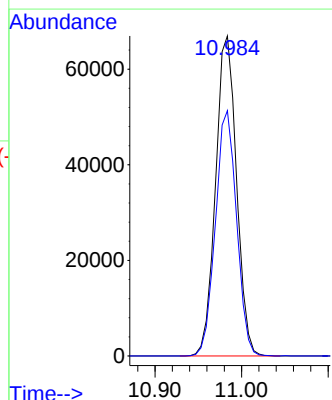
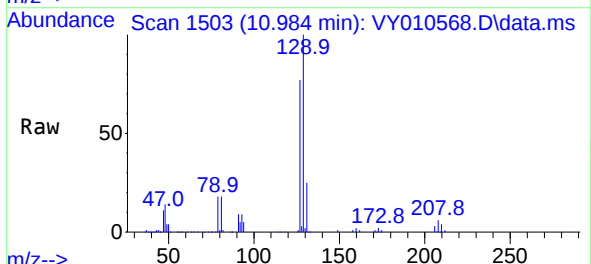
Instrument :  
MSVOA\_Y  
ClientSampleId :

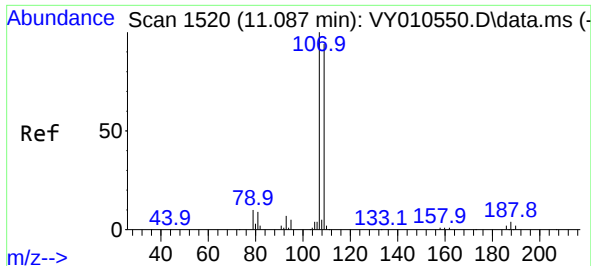
Tgt Ion: 43 Resp: 272202  
Ion Ratio Lower Upper  
43 100  
58 57.2 24.4 73.4



#60  
Dibromochloromethane  
Concen: 50.406 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. -0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Tgt Ion:129 Resp: 112432  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.7 116.1

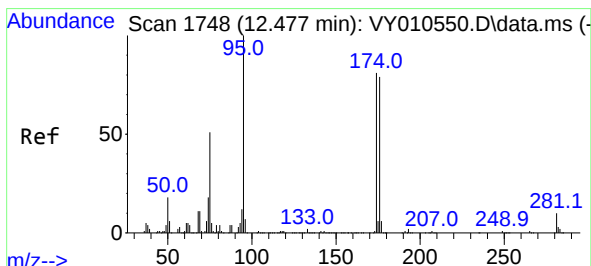
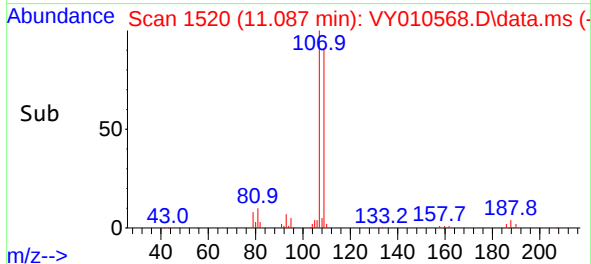
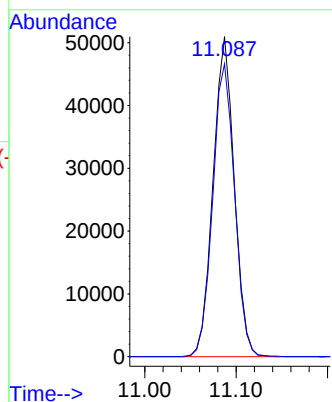
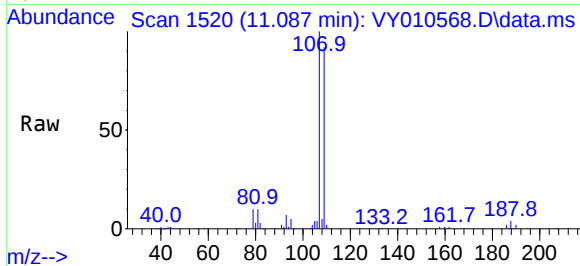




#61  
1,2-Dibromoethane  
Concen: 48.041 ug/l  
RT: 11.087 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

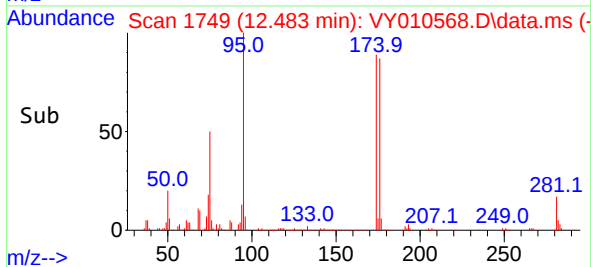
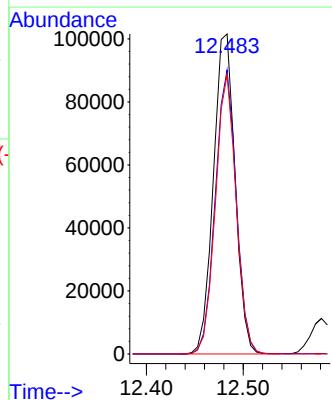
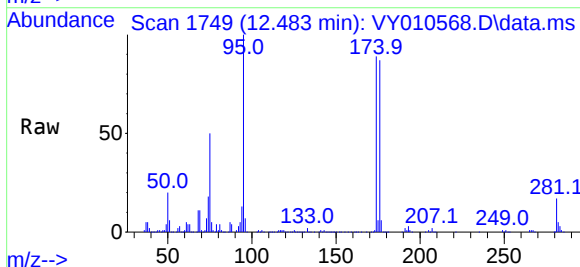
Instrument :  
MSVOA\_Y  
ClientSampleId :

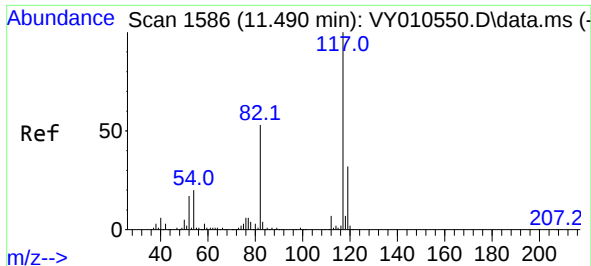
Tgt Ion:107 Resp: 81976  
Ion Ratio Lower Upper  
107 100  
109 94.4 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 46.791 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.006 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

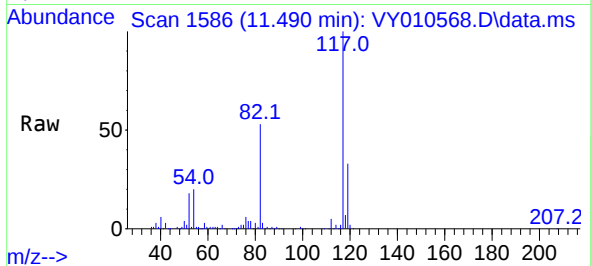
Tgt Ion: 95 Resp: 158184  
Ion Ratio Lower Upper  
95 100  
174 85.9 0.0 177.0  
176 83.1 0.0 175.8



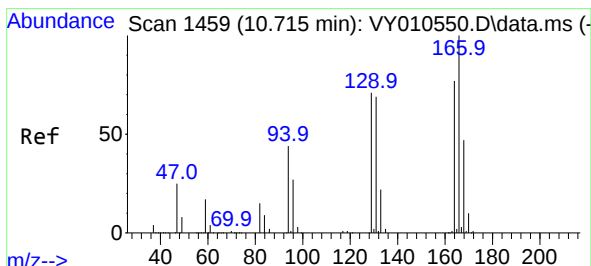
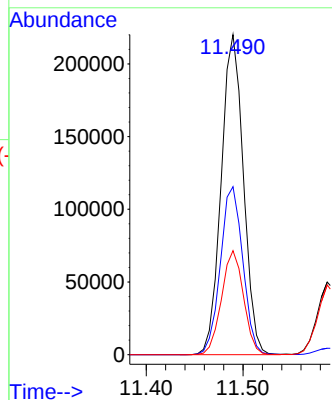
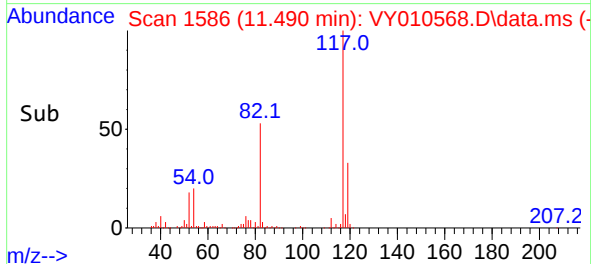


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Instrument :  
MSVOA\_Y  
ClientSampleId :

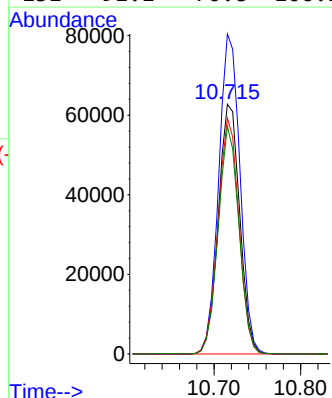
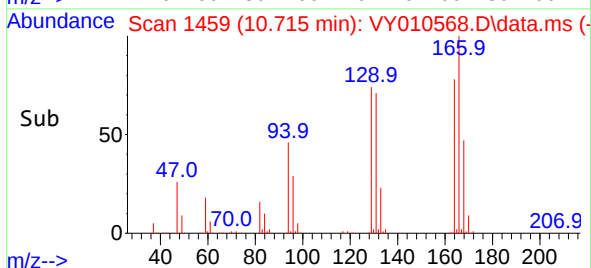
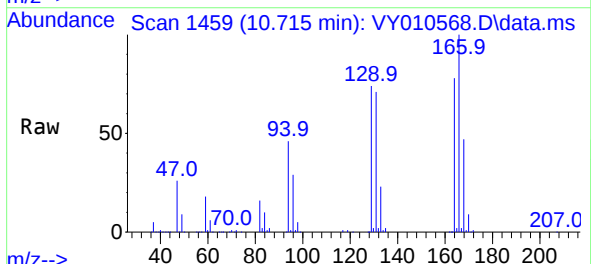


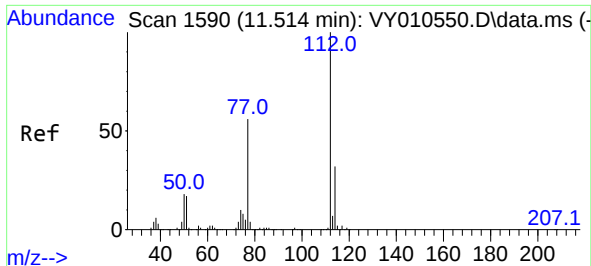
Tgt Ion:117 Resp: 350498  
Ion Ratio Lower Upper  
117 100  
82 52.5 43.0 64.4  
119 32.5 25.4 38.0



#64  
Tetrachloroethene  
Concen: 46.051 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Tgt Ion:164 Resp: 107821  
Ion Ratio Lower Upper  
164 100  
166 128.1 100.4 150.6  
129 94.4 71.4 107.0  
131 91.1 70.8 106.2

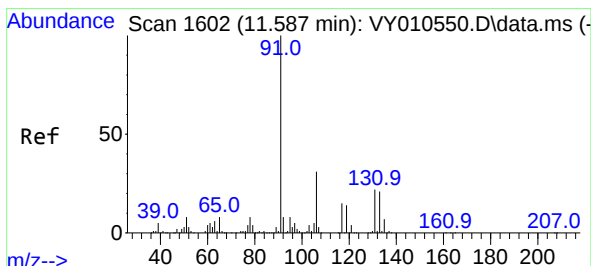
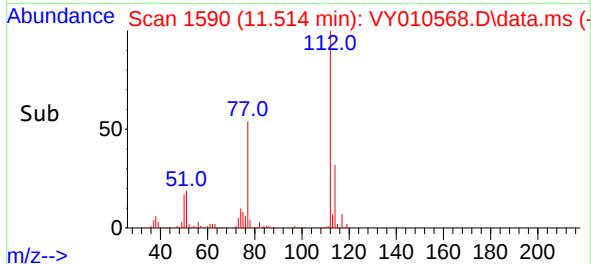
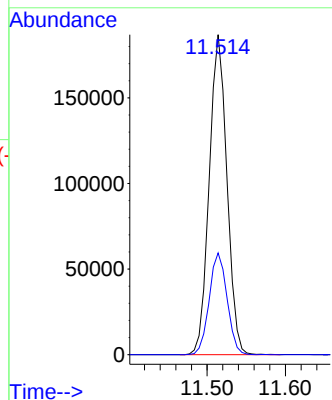
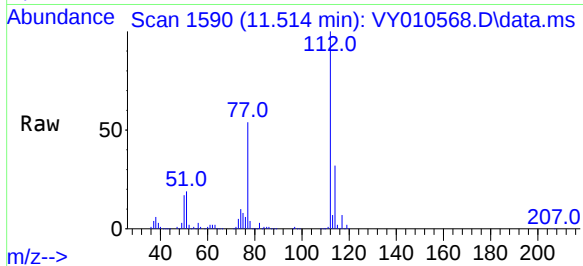




#65  
Chlorobenzene  
Concen: 48.317 ug/l  
RT: 11.514 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

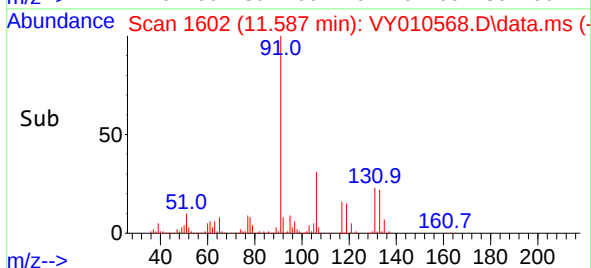
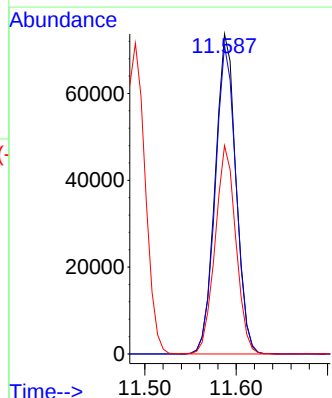
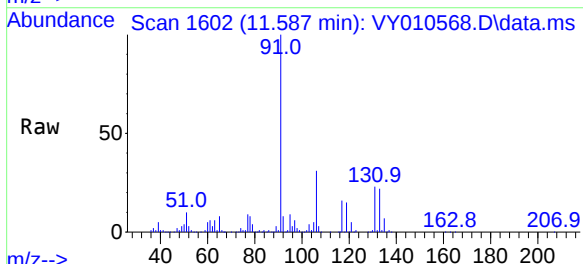
Instrument :  
MSVOA\_Y  
ClientSampleId :

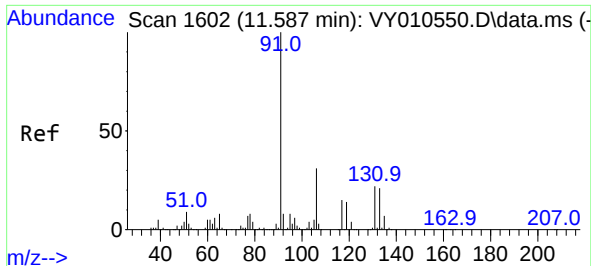
Tgt Ion:112 Resp: 292835  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.390 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Tgt Ion:131 Resp: 116621  
Ion Ratio Lower Upper  
131 100  
133 96.4 47.9 143.6  
119 65.0 30.8 92.3





#67

Ethyl Benzene

Concen: 47.879 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010568.D

Acq: 20 Sep 2022 11:23

Instrument :

MSVOA\_Y

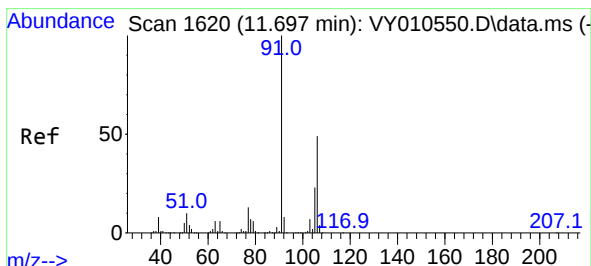
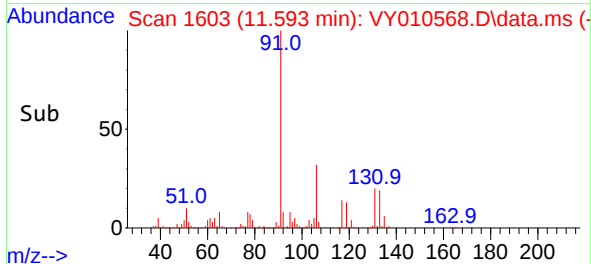
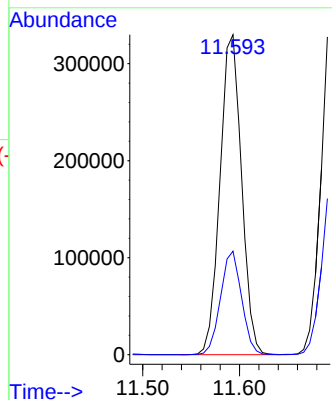
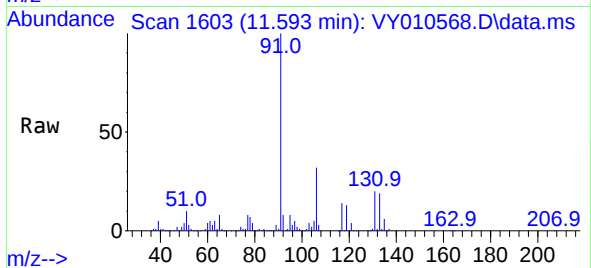
ClientSampleId :

Tgt Ion: 91 Resp: 509568

Ion Ratio Lower Upper

91 100

106 32.4 24.5 36.7



#68

m/p-Xylenes

Concen: 94.879 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY010568.D

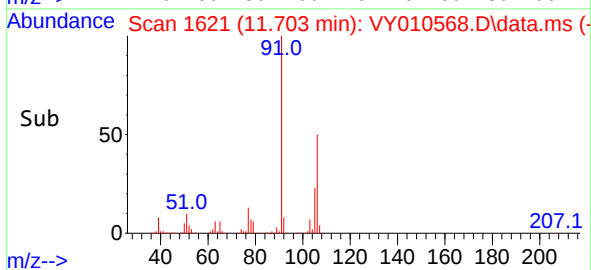
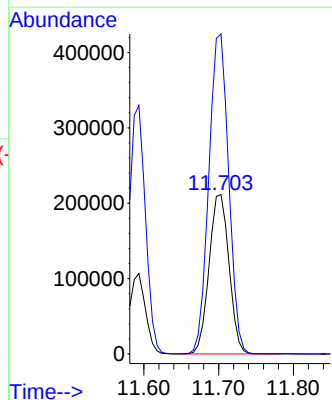
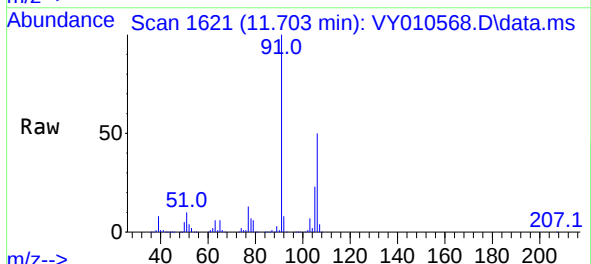
Acq: 20 Sep 2022 11:23

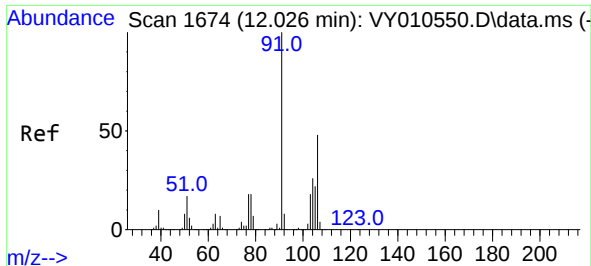
Tgt Ion:106 Resp: 391179

Ion Ratio Lower Upper

106 100

91 199.7 166.6 249.8

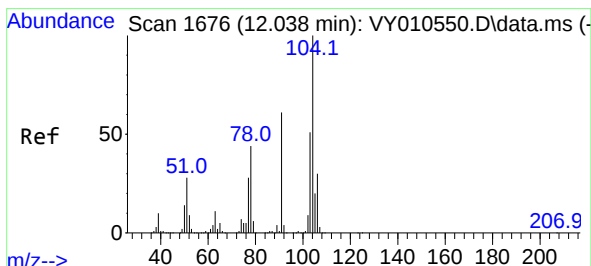
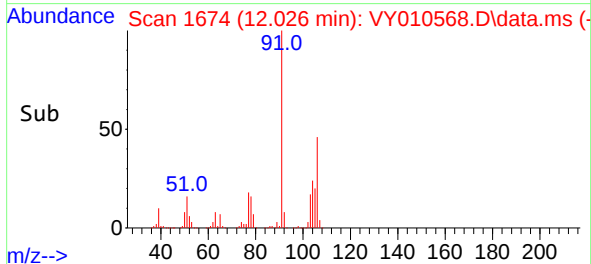
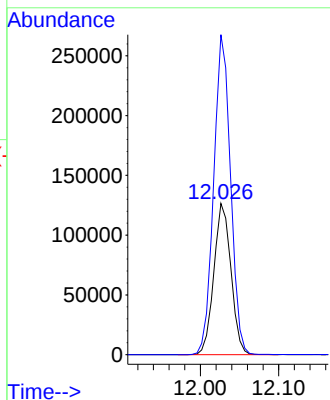
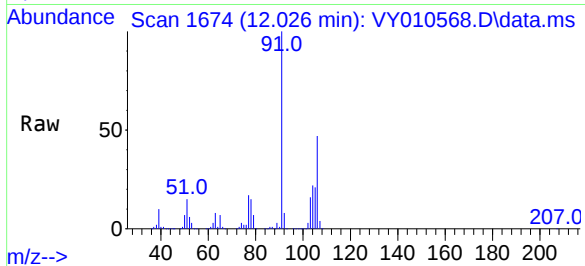




#69  
o-Xylene  
Concen: 47.801 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

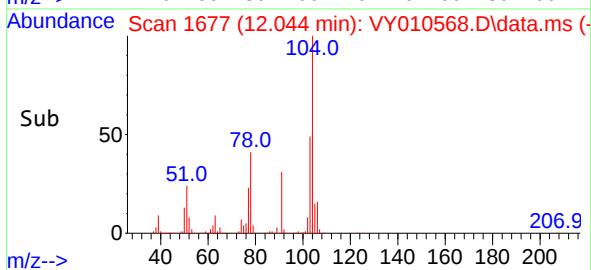
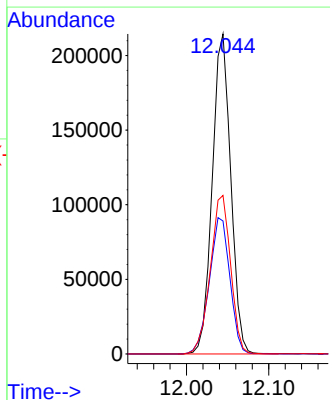
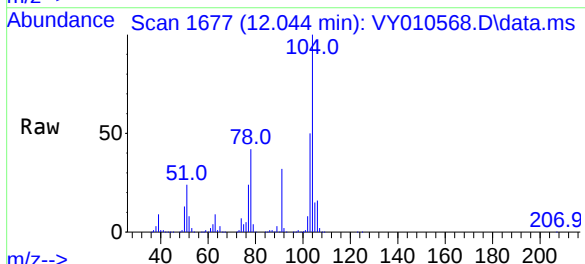
Instrument :  
MSVOA\_Y  
ClientSampleId :

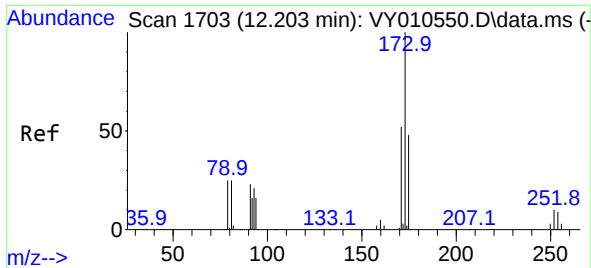
Tgt Ion:106 Resp: 192146  
Ion Ratio Lower Upper  
106 100  
91 208.7 110.3 331.0



#70  
Styrene  
Concen: 49.170 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.006 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Tgt Ion:104 Resp: 335761  
Ion Ratio Lower Upper  
104 100  
78 47.3 42.4 63.6  
103 54.4 44.4 66.6

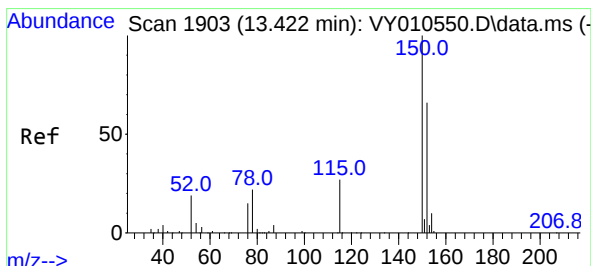
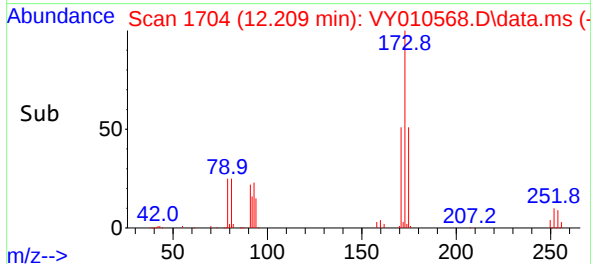
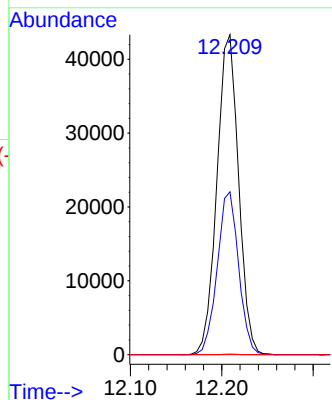
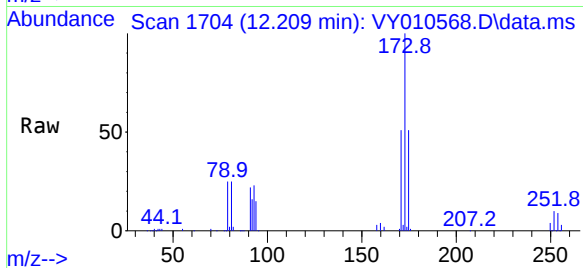




#71  
Bromoform  
Concen: 48.742 ug/l  
RT: 12.209 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

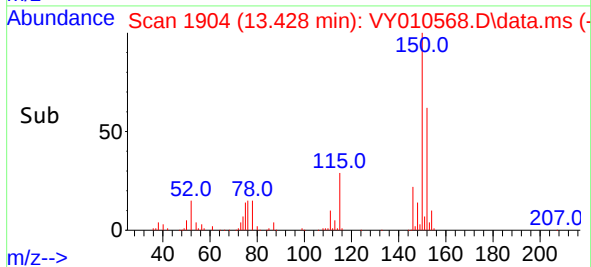
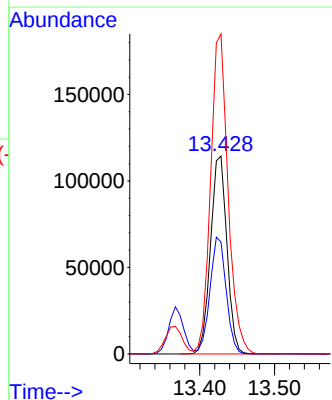
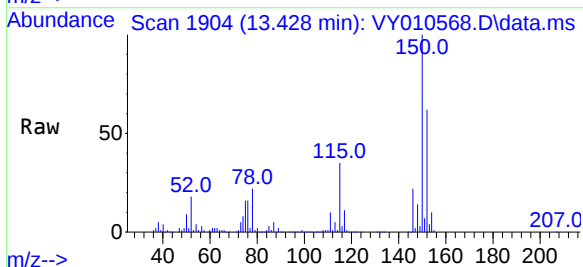
Instrument :  
MSVOA\_Y  
ClientSampleId :

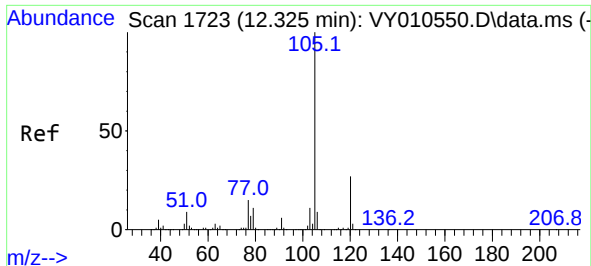
Tgt Ion:173 Resp: 71466  
Ion Ratio Lower Upper  
173 100  
175 50.3 24.6 74.0  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.006 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

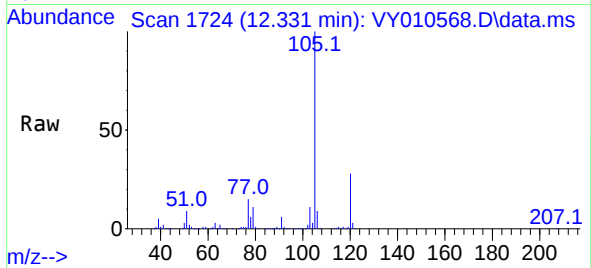
Tgt Ion:152 Resp: 174360  
Ion Ratio Lower Upper  
152 100  
115 58.4 28.2 84.7  
150 172.1 0.0 347.6



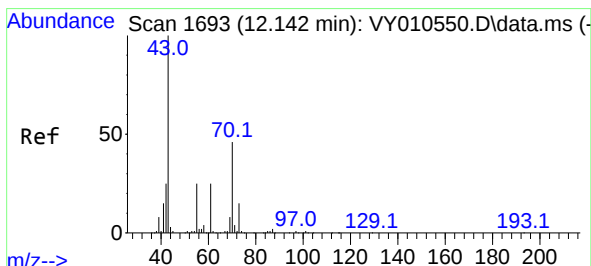
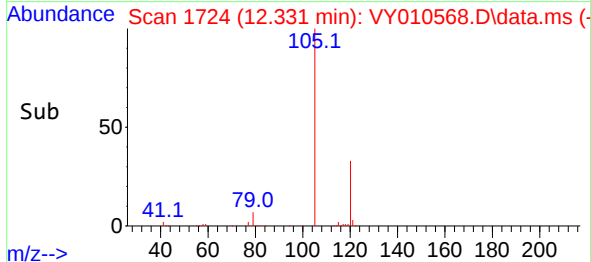
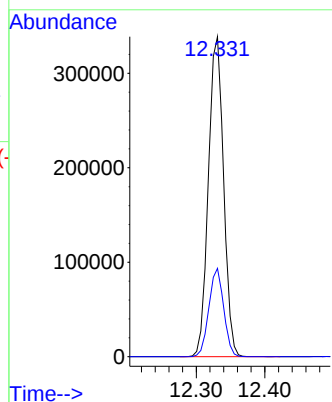


#73  
Isopropylbenzene  
Concen: 48.479 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.006 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Instrument :  
MSVOA\_Y  
ClientSampleId :

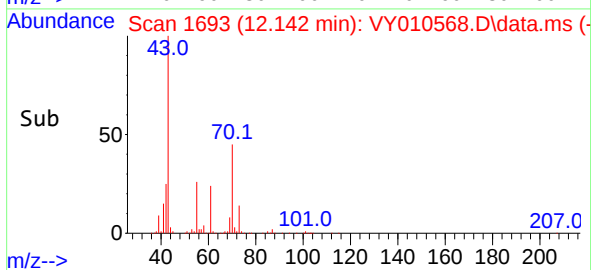
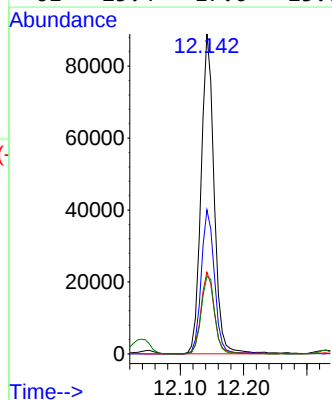
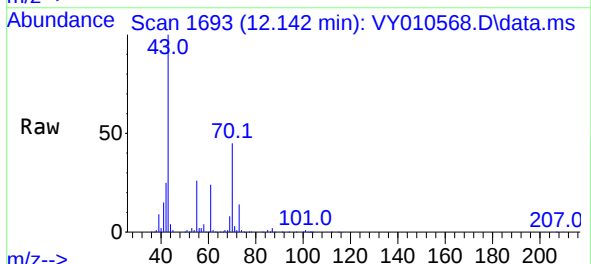


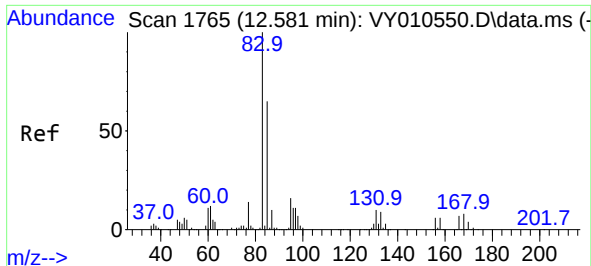
Tgt Ion:105 Resp: 522400  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.4 40.2



#74  
N-ethyl acetate  
Concen: 48.858 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Tgt Ion: 43 Resp: 127672  
Ion Ratio Lower Upper  
43 100  
70 45.6 28.7 43.1#  
55 26.5 17.3 25.9#  
61 25.4 17.0 25.6

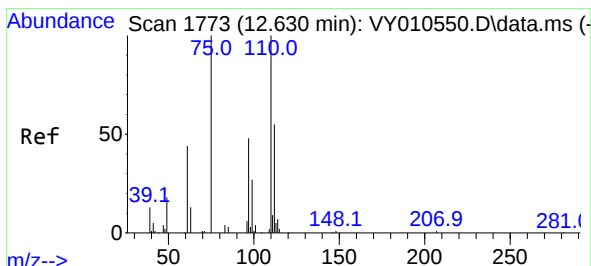
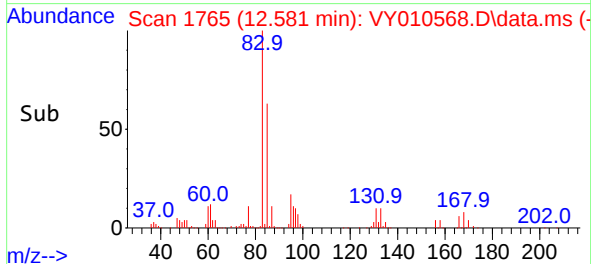
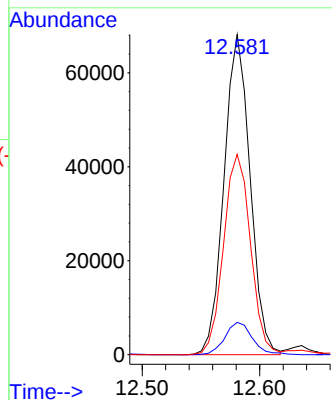
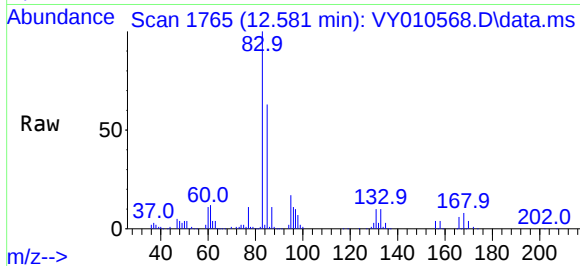




#75  
1,1,2,2-Tetrachloroethane  
Concen: 47.905 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

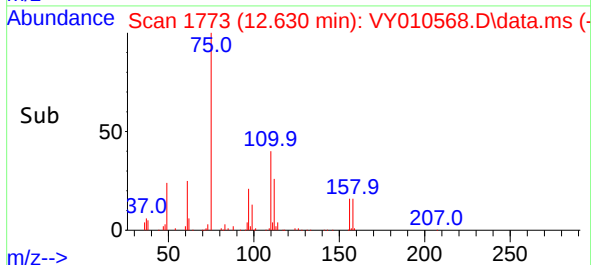
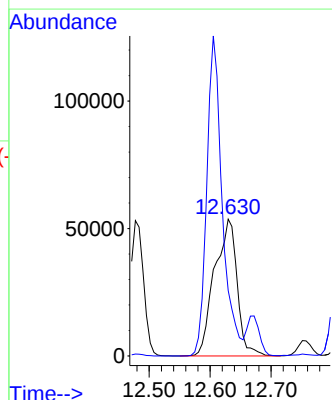
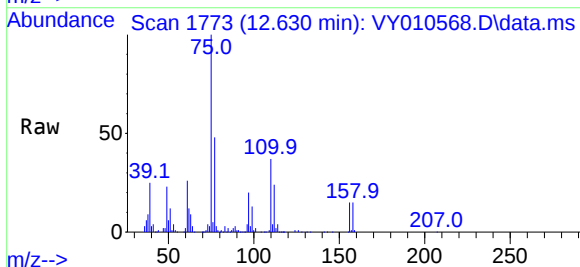
Instrument :  
MSVOA\_Y  
ClientSampleId :

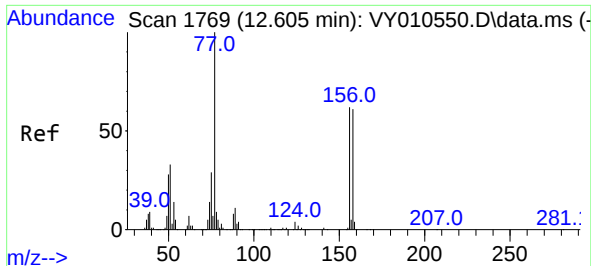
Tgt Ion: 83 Resp: 105191  
Ion Ratio Lower Upper  
83 100  
131 10.7 5.6 16.8  
85 64.6 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 83.160 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Tgt Ion: 75 Resp: 138391  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

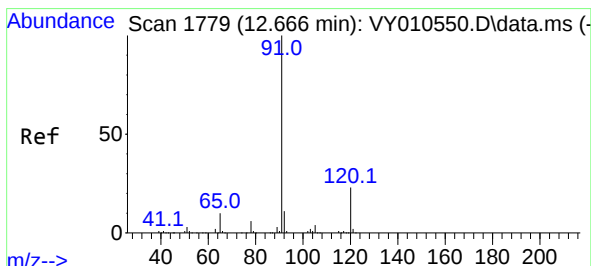
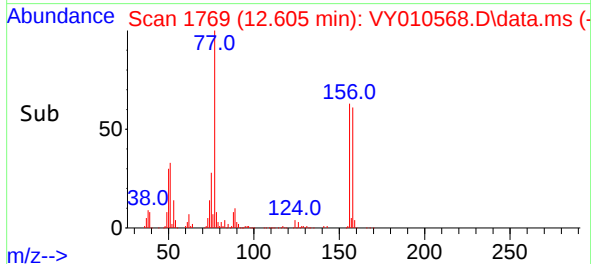
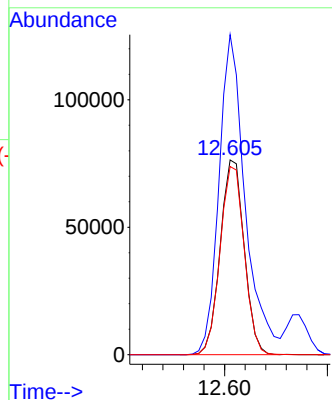
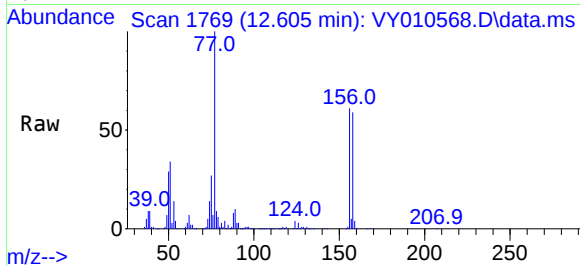




#77  
Bromobenzene  
Concen: 48.248 ug/l  
RT: 12.605 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

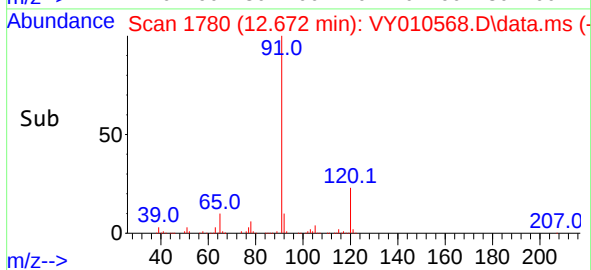
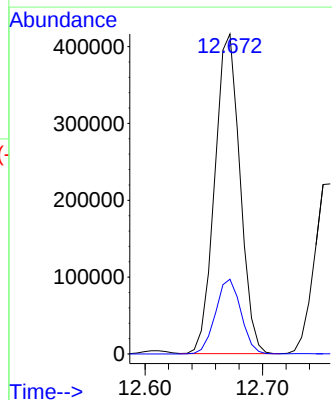
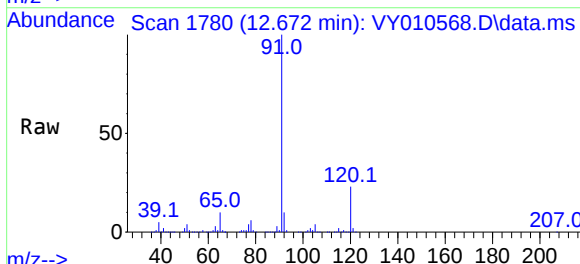
Instrument :  
MSVOA\_Y  
ClientSampleId :

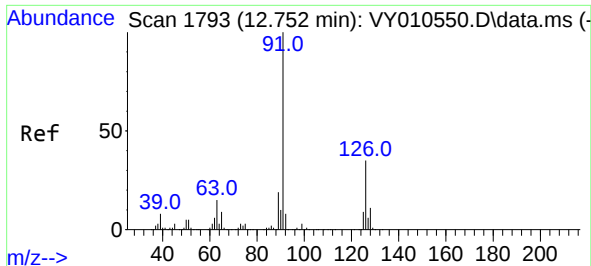
Tgt Ion:156 Resp: 123705  
Ion Ratio Lower Upper  
156 100  
77 179.9 95.5 286.4  
158 97.5 48.0 144.0



#78  
n-propylbenzene  
Concen: 48.328 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.006 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

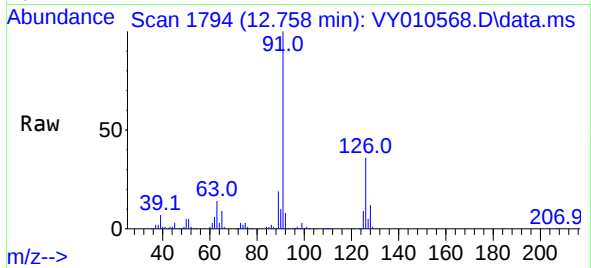
Tgt Ion: 91 Resp: 620306  
Ion Ratio Lower Upper  
91 100  
120 23.6 11.3 33.9



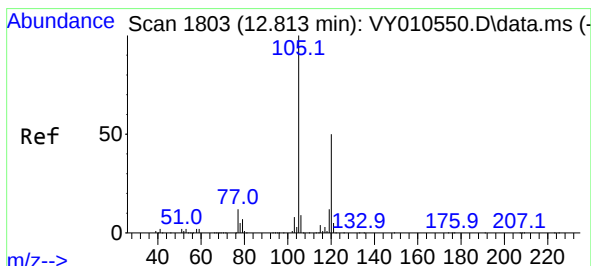
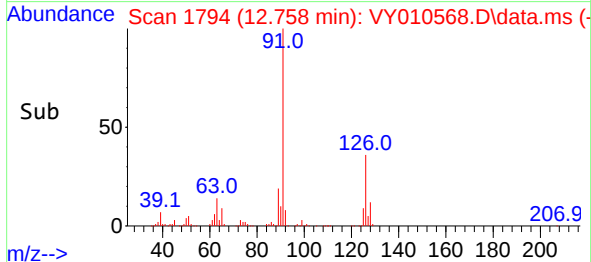
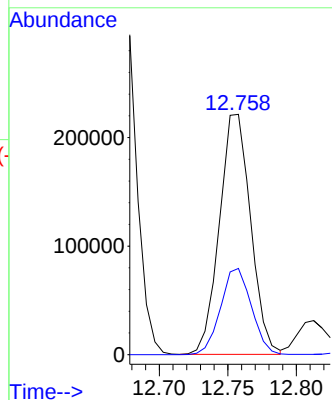


#79  
2-Chlorotoluene  
Concen: 48.072 ug/l  
RT: 12.758 min Scan# 1793  
Delta R.T. 0.006 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Instrument :  
MSVOA\_Y  
ClientSampleId :

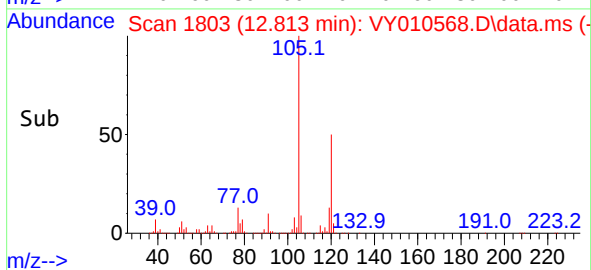
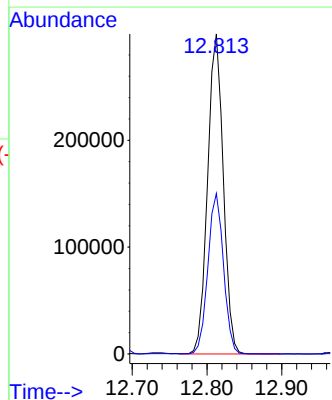
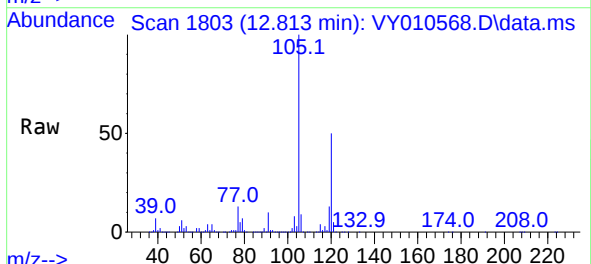


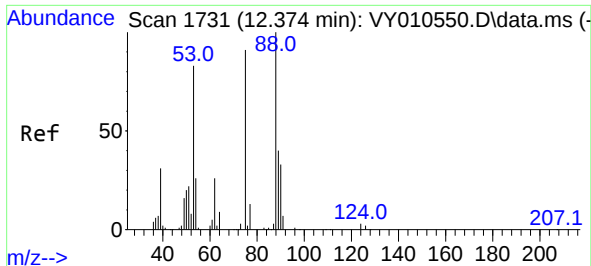
Tgt Ion: 91 Resp: 351578  
Ion Ratio Lower Upper  
91 100  
126 35.5 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 47.798 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Tgt Ion: 105 Resp: 435196  
Ion Ratio Lower Upper  
105 100  
120 50.1 24.4 73.4

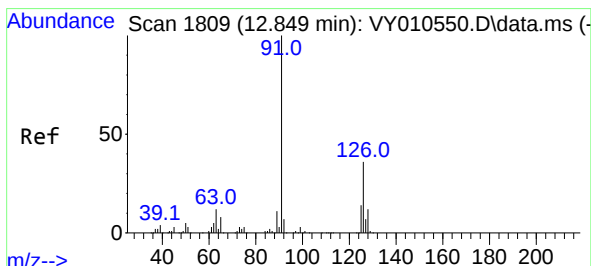
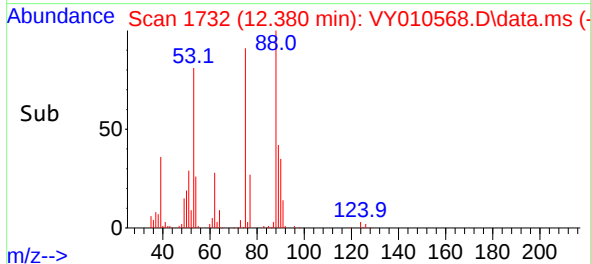
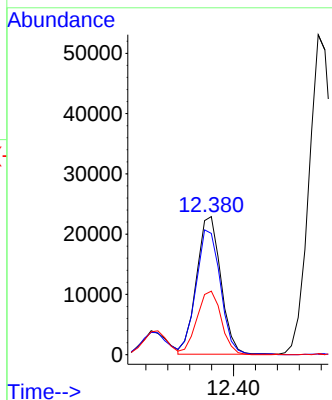
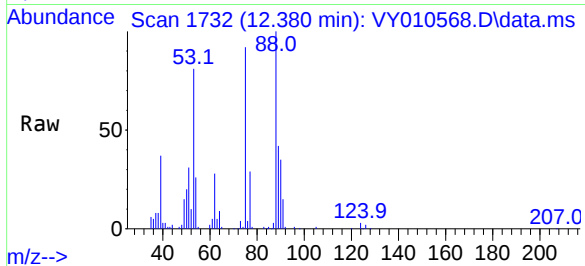




#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.899 ug/l  
RT: 12.380 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

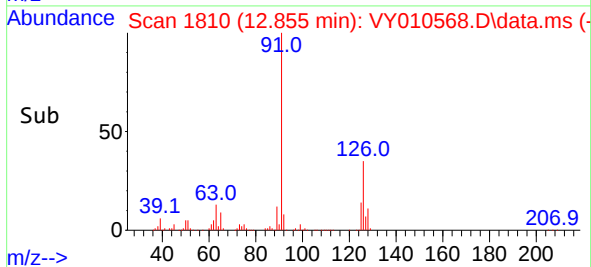
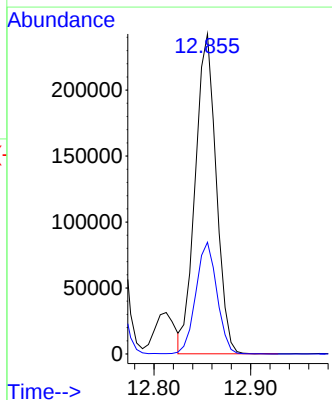
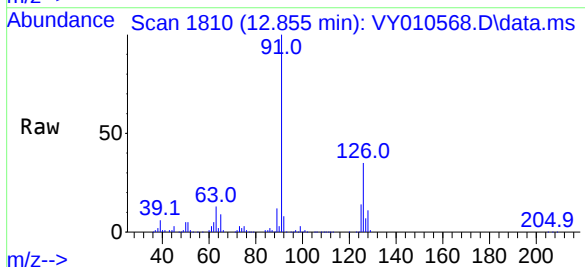
Instrument :  
MSVOA\_Y  
ClientSampleId :

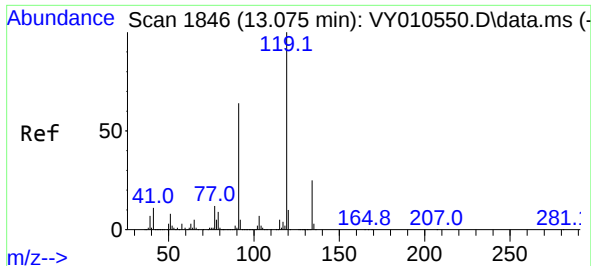
Tgt Ion: 75 Resp: 35102  
Ion Ratio Lower Upper  
75 100  
53 91.8 85.3 127.9  
89 46.6 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 48.234 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.006 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Tgt Ion: 91 Resp: 364269  
Ion Ratio Lower Upper  
91 100  
126 35.3 17.0 51.0

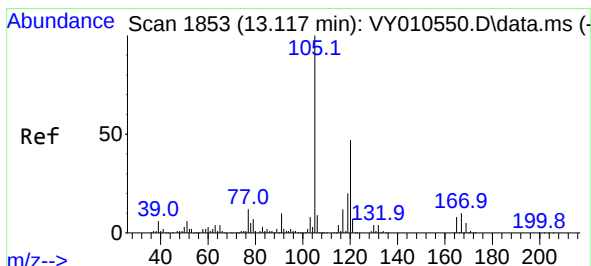
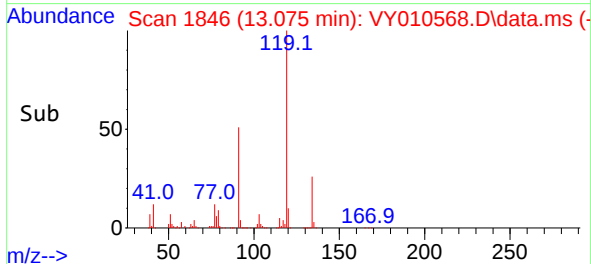
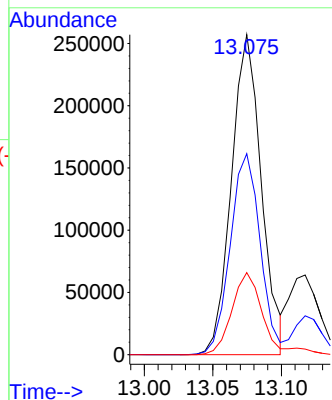
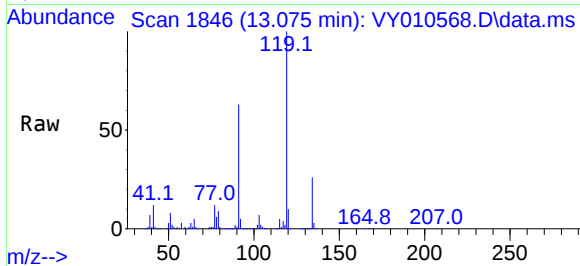




#83  
tert-Butylbenzene  
Concen: 48.126 ug/l  
RT: 13.075 min Scan# 119  
Delta R.T. -0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

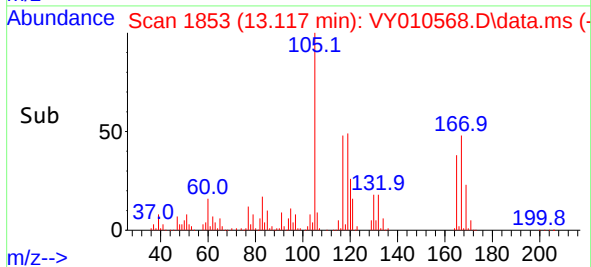
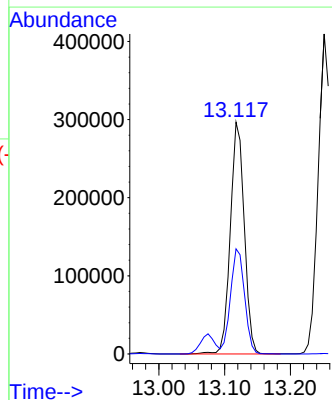
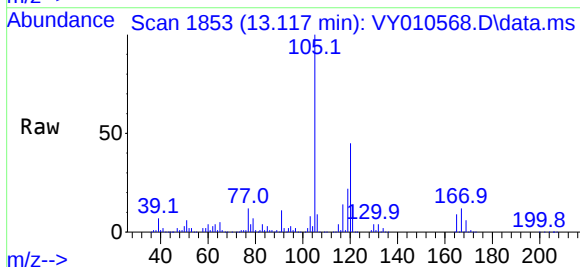
Instrument :  
MSVOA\_Y  
ClientSampleId :

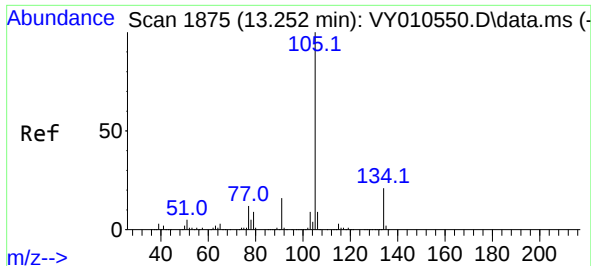
Tgt Ion:119 Resp: 391889  
Ion Ratio Lower Upper  
119 100  
91 62.8 34.8 104.4  
134 26.7 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 48.371 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

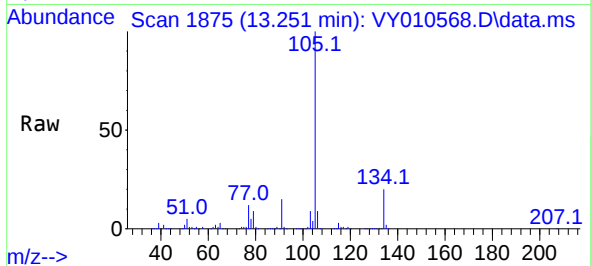
Tgt Ion:105 Resp: 437540  
Ion Ratio Lower Upper  
105 100  
120 45.7 22.3 66.9



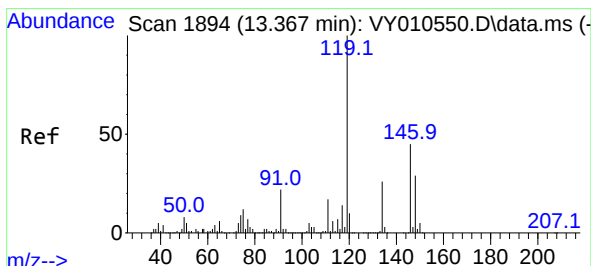
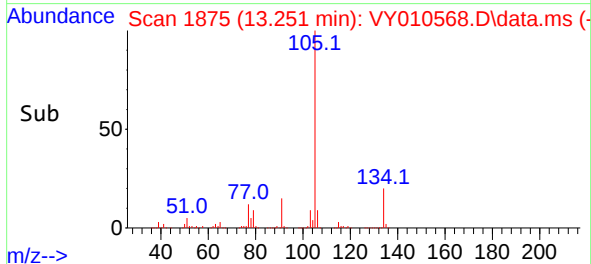
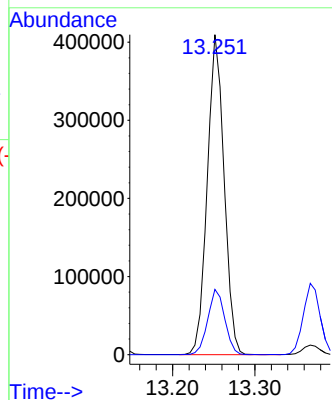


#85  
 sec-Butylbenzene  
 Concen: 48.721 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. -0.001 min  
 Lab File: VY010568.D  
 Acq: 20 Sep 2022 11:23

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

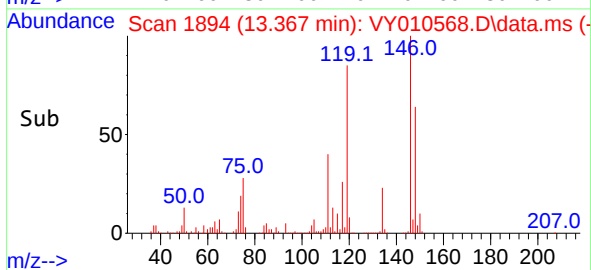
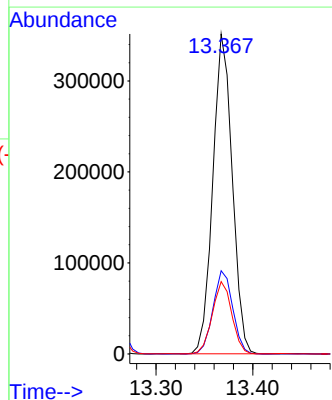
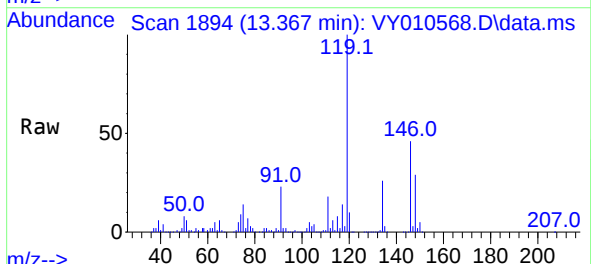


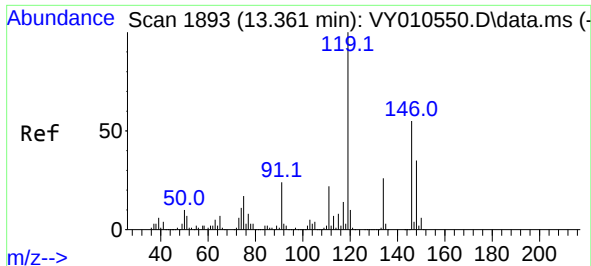
Tgt Ion:105 Resp: 581030  
 Ion Ratio Lower Upper  
 105 100  
 134 20.7 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 49.105 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY010568.D  
 Acq: 20 Sep 2022 11:23

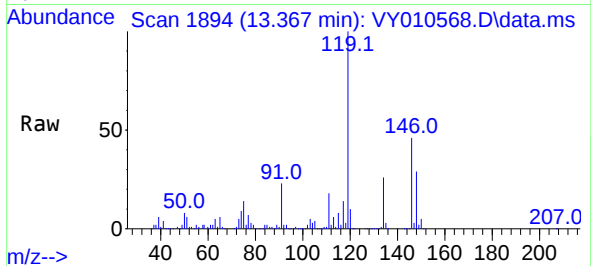
Tgt Ion:119 Resp: 489375  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 13.2 39.5  
 91 22.7 12.4 37.2



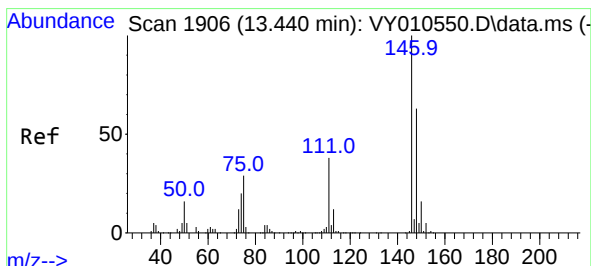
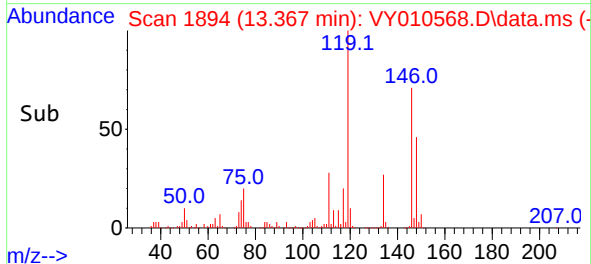
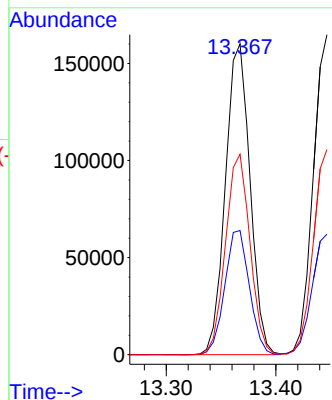


#87  
1,3-Dichlorobenzene  
Concen: 47.990 ug/l  
RT: 13.367 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Instrument :  
MSVOA\_Y  
ClientSampleId :

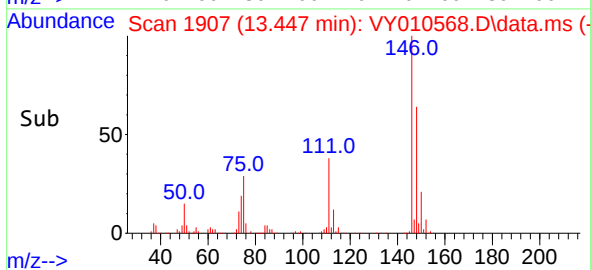
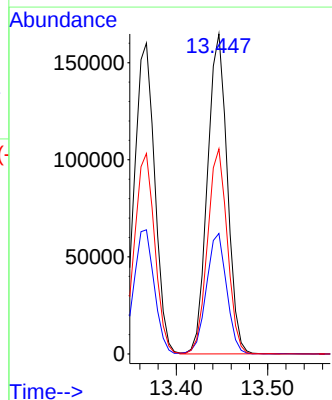
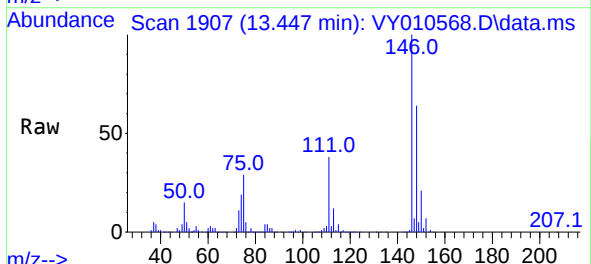


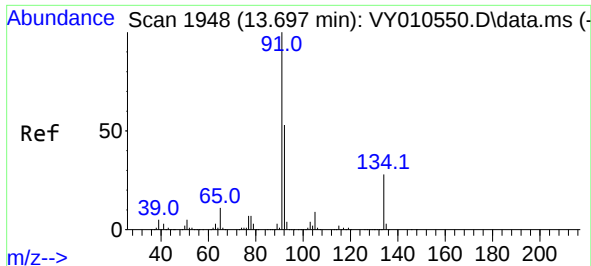
Tgt Ion:146 Resp: 249739  
Ion Ratio Lower Upper  
146 100  
111 40.1 19.5 58.5  
148 64.1 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 48.095 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. 0.007 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Tgt Ion:146 Resp: 247715  
Ion Ratio Lower Upper  
146 100  
111 38.4 19.3 57.8  
148 64.1 32.6 97.8

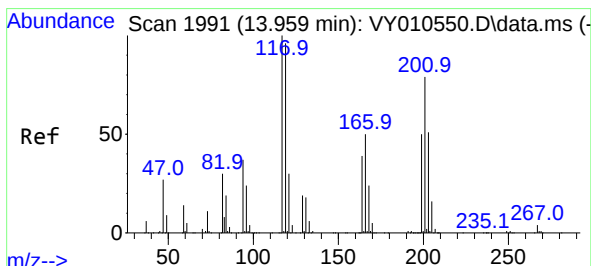
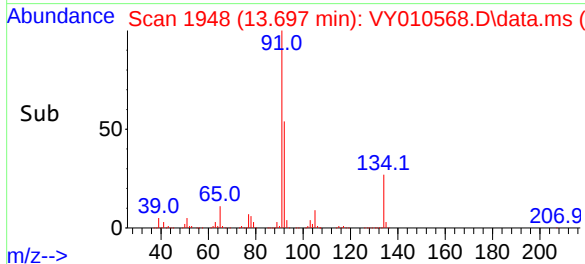
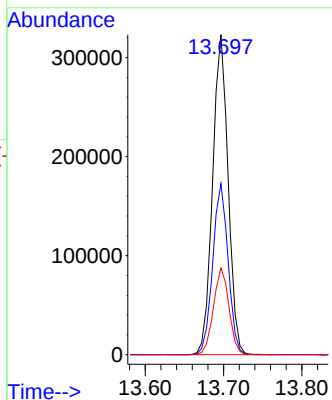
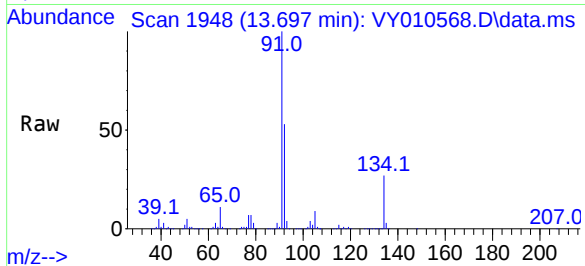




#89  
n-Butylbenzene  
Concen: 48.496 ug/l  
RT: 13.697 min Scan# 1948  
Delta R.T. -0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

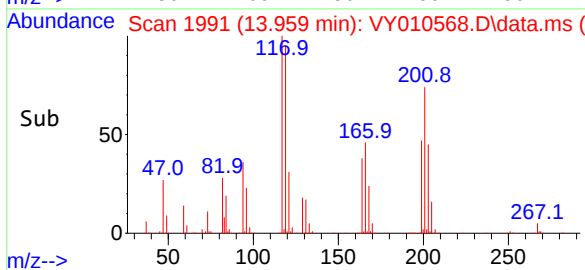
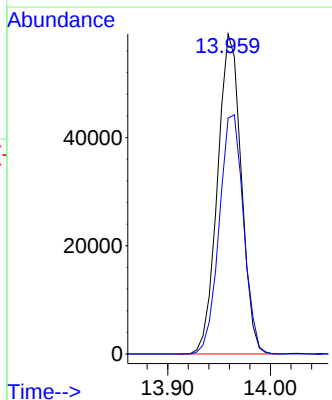
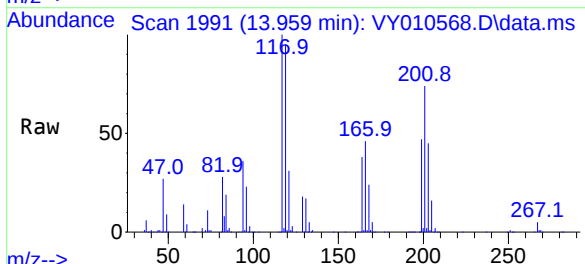
Instrument :  
MSVOA\_Y  
ClientSampleId :

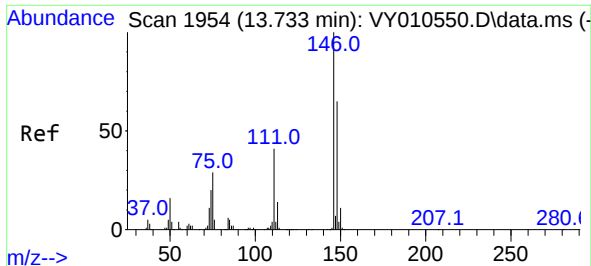
Tgt Ion: 91 Resp: 443672  
Ion Ratio Lower Upper  
91 100  
92 53.1 26.3 78.9  
134 27.1 13.0 38.9



#90  
Hexachloroethane  
Concen: 49.419 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Tgt Ion: 117 Resp: 94562  
Ion Ratio Lower Upper  
117 100  
201 76.8 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 49.209 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY010568.D

Acq: 20 Sep 2022 11:23

Instrument :

MSVOA\_Y

ClientSampleId :

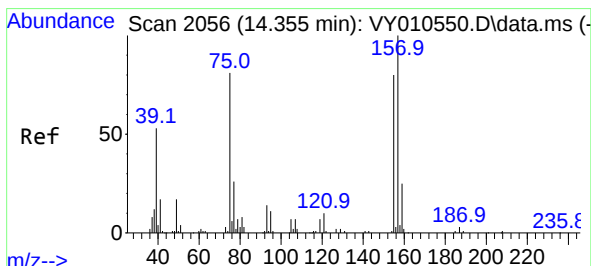
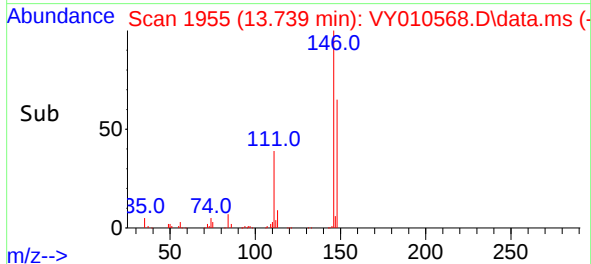
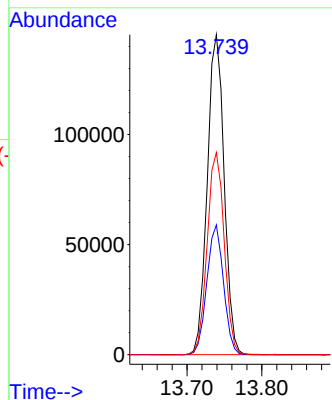
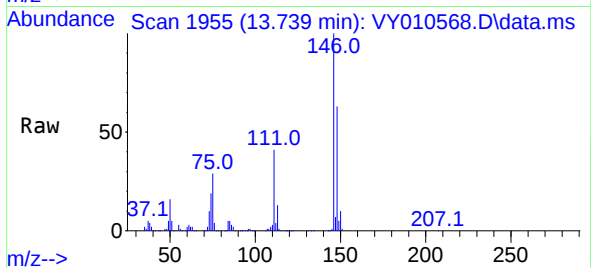
Tgt Ion:146 Resp: 228120

Ion Ratio Lower Upper

146 100

111 40.1 20.3 60.9

148 63.7 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.398 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY010568.D

Acq: 20 Sep 2022 11:23

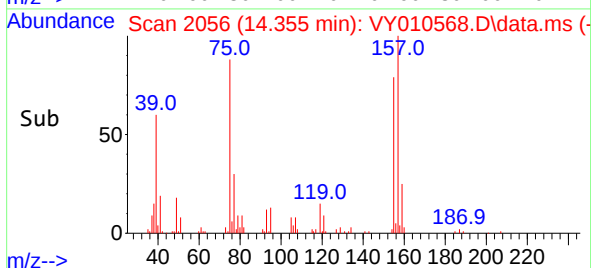
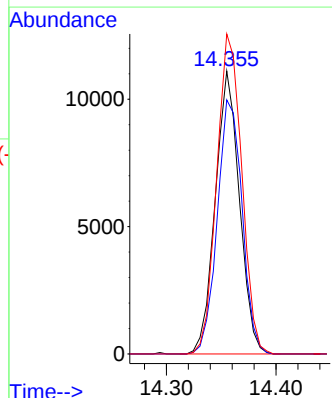
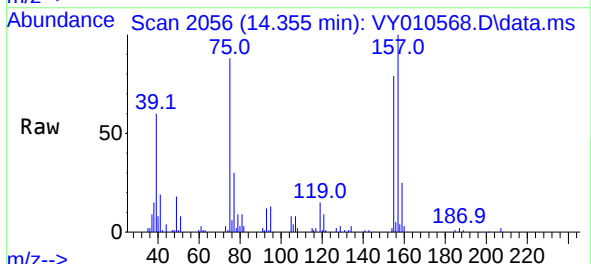
Tgt Ion: 75 Resp: 17001

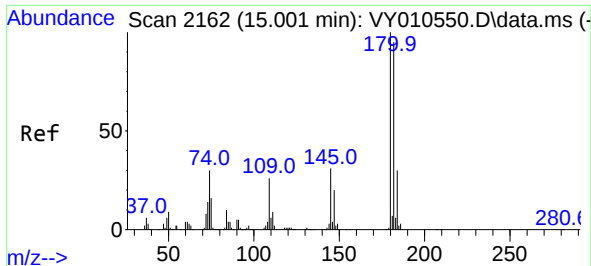
Ion Ratio Lower Upper

75 100

155 92.2 38.0 113.9

157 117.3 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 48.377 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY010568.D

Acq: 20 Sep 2022 11:23

Instrument :

MSVOA\_Y

ClientSampleId :

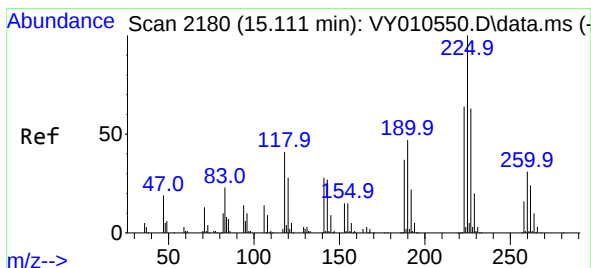
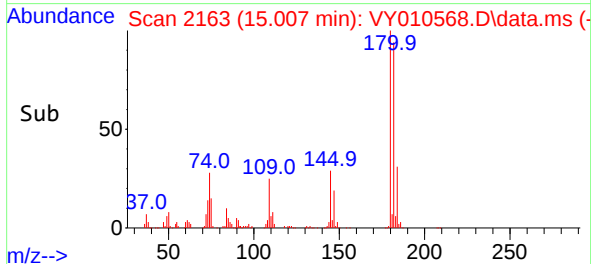
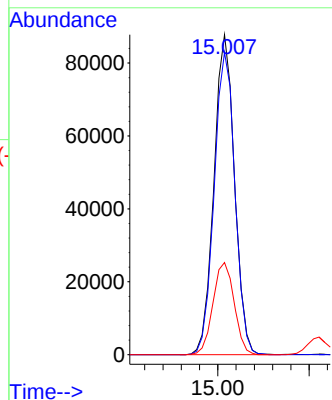
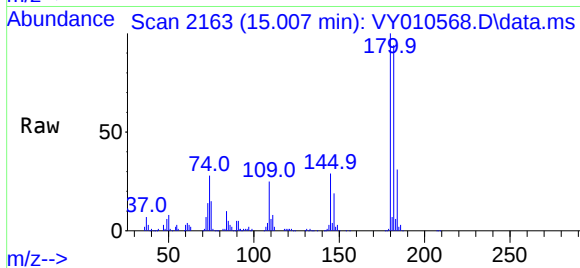
Tgt Ion:180 Resp: 136805

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.9

145 29.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 47.689 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010568.D

Acq: 20 Sep 2022 11:23

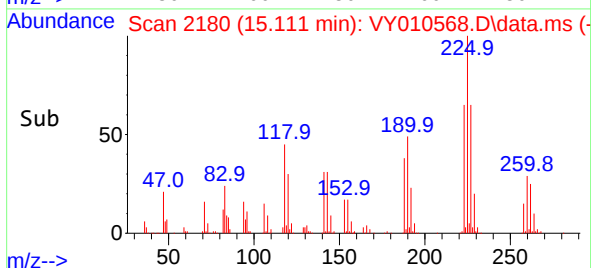
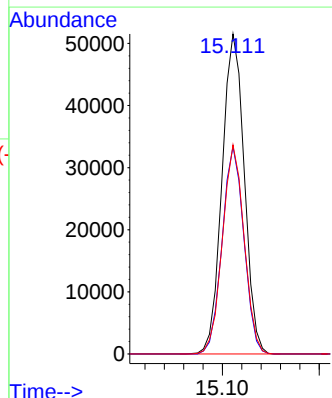
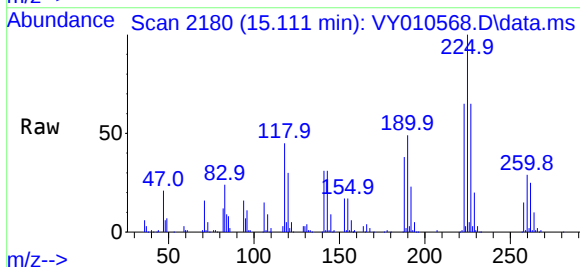
Tgt Ion:225 Resp: 81968

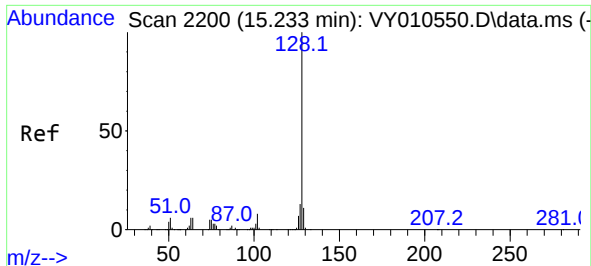
Ion Ratio Lower Upper

225 100

223 63.3 30.8 92.3

227 63.8 31.6 94.7

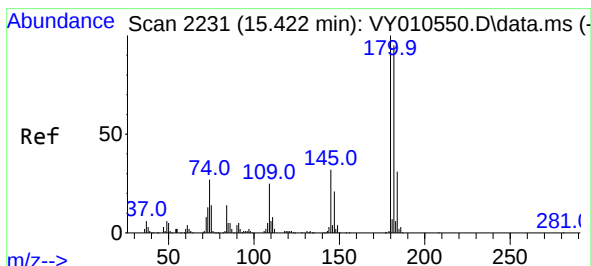
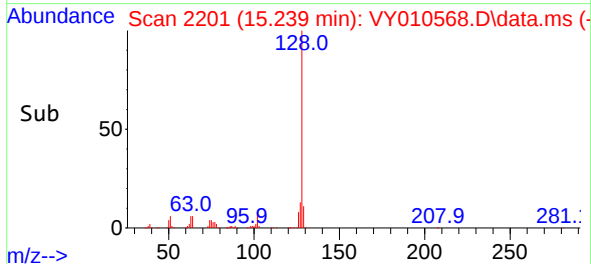
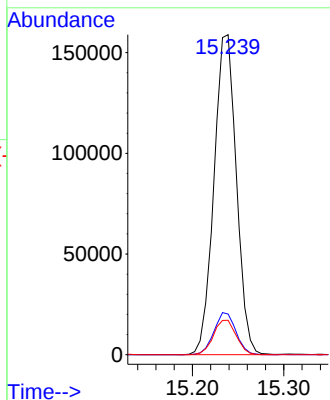
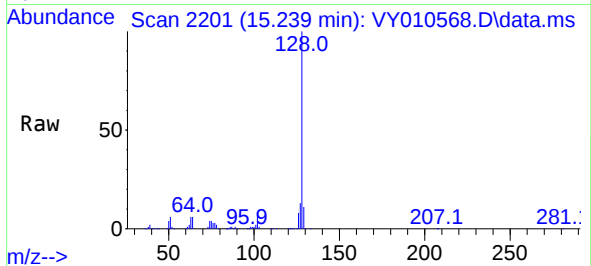




#95  
Naphthalene  
Concen: 47.570 ug/l  
RT: 15.239 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:128 Resp: 271058  
Ion Ratio Lower Upper  
128 100  
127 12.9 11.0 16.4  
129 11.0 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 48.198 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.000 min  
Lab File: VY010568.D  
Acq: 20 Sep 2022 11:23

Tgt Ion:180 Resp: 118679  
Ion Ratio Lower Upper  
180 100  
182 94.8 47.3 141.9  
145 31.9 15.3 45.9

