

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY052522\  
 Data File : VY009093.D  
 Acq On : 25 May 2022 16:29  
 Operator : KP/MD  
 Sample : N2948-25MS  
 Misc : 5.79g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 P037-SS001-1218-01MS

Quant Time: May 26 04:29:42 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y052022S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 20 23:50:52 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.783  | 168   | 87042    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.685  | 114   | 142695   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.490 | 117   | 136883   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.422 | 152   | 70053    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.136  | 65    | 34202    | 38.179   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 76.360%  |
| 35) Dibromofluoromethane     | 7.710  | 113   | 34687    | 39.091   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 78.180%  |
| 50) Toluene-d8               | 10.179 | 98    | 97351    | 29.739   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 59.480%  |
| 62) 4-Bromofluorobenzene     | 12.477 | 95    | 40463    | 30.642   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 61.280%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.900  | 85    | 21747    | 27.317   | ug/l   | 97       |
| 3) Chloromethane             | 2.113  | 50    | 46036    | 40.364   | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.247  | 62    | 63830    | 37.776   | ug/l   | 98       |
| 5) Bromomethane              | 2.644  | 94    | 59801    | 36.105   | ug/l   | 98       |
| 6) Chloroethane              | 2.790  | 64    | 43642    | 36.457   | ug/l   | 93       |
| 7) Trichlorofluoromethane    | 3.119  | 101   | 41394    | 28.847   | ug/l   | 96       |
| 8) Diethyl Ether             | 3.521  | 74    | 14491    | 32.296   | ug/l   | 85       |
| 9) 1,1,2-Trichlorotrifluo... | 3.893  | 101   | 20259    | 22.971   | ug/l   | 95       |
| 10) Methyl Iodide            | 4.088  | 142   | 21013    | 23.074   | ug/l   | 94       |
| 11) Tert butyl alcohol       | 4.942  | 59    | 13490    | 148.461  | ug/l # | 93       |
| 12) 1,1-Dichloroethene       | 3.869  | 96    | 23829    | 29.106   | ug/l   | 87       |
| 13) Acrolein                 | 3.729  | 56    | 2130     | 71.216   | ug/l   | 96       |
| 14) Allyl chloride           | 4.473  | 41    | 36782    | 29.812   | ug/l # | 82       |
| 15) Acrylonitrile            | 5.155  | 53    | 42905    | 170.783  | ug/l   | 99       |
| 16) Acetone                  | 3.942  | 43    | 41177    | 220.822  | ug/l   | 90       |
| 17) Carbon Disulfide         | 4.192  | 76    | 77681    | 29.043   | ug/l   | 99       |
| 18) Methyl Acetate           | 4.473  | 43    | 39792    | 68.528   | ug/l # | 91       |
| 19) Methyl tert-butyl Ether  | 5.222  | 73    | 75819    | 30.854   | ug/l   | 93       |
| 20) Methylene Chloride       | 4.710  | 84    | 38241    | 34.151   | ug/l   | 91       |
| 21) trans-1,2-Dichloroethene | 5.216  | 96    | 31413    | 29.894   | ug/l   | 85       |
| 22) Diisopropyl ether        | 6.112  | 45    | 86963    | 29.338   | ug/l   | 94       |
| 23) Vinyl Acetate            | 6.058  | 43    | 176283   | 89.907   | ug/l # | 94       |
| 24) 1,1-Dichloroethane       | 6.015  | 63    | 53434    | 30.139   | ug/l   | 99       |
| 25) 2-Butanone               | 6.984  | 43    | 57667    | 173.144  | ug/l # | 85       |
| 26) 2,2-Dichloropropane      | 6.984  | 77    | 47906    | 29.334   | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 6.984  | 96    | 36239    | 30.593   | ug/l   | 86       |
| 28) Bromochloromethane       | 7.332  | 49    | 27465    | 45.134   | ug/l # | 94       |
| 29) Tetrahydrofuran          | 7.344  | 42    | 36468    | 161.192  | ug/l   | 90       |
| 30) Chloroform               | 7.502  | 83    | 57956    | 30.284   | ug/l   | 95       |
| 31) Cyclohexane              | 7.783  | 56    | 35749    | 20.399   | ug/l # | 86       |
| 32) 1,1,1-Trichloroethane    | 7.704  | 97    | 44619    | 25.698   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 7.917  | 75    | 38810    | 25.701   | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.070  | 43    | 18931    | 24.168   | ug/l   | 100      |
| 38) Carbon Tetrachloride     | 7.899  | 117   | 37853    | 23.962   | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.179  | 83    | 36854    | 18.907   | ug/l   | 89       |
| 40) Benzene                  | 8.155  | 78    | 125491   | 28.819   | ug/l   | 97       |

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 P037-SS001-1218-01MS

Quant Time: May 26 04:29:42 2022  
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 Quant Title : SW846 8260  
 QLast Update : Fri May 20 23:50:52 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 34525    | 85.412  | ug/l # | 23       |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 41767    | 32.665  | ug/l   | 93       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 38636    | 26.527  | ug/l # | 91       |
| 44) Trichloroethene           | 8.935  | 130  | 30318    | 26.295  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 31184    | 29.825  | ug/l   | 97       |
| 46) Dibromomethane            | 9.301  | 93   | 21390    | 32.173  | ug/l   | 91       |
| 47) Bromodichloromethane      | 9.490  | 83   | 46353    | 30.507  | ug/l   | 91       |
| 48) Methyl methacrylate       | 9.289  | 41   | 22727    | 34.945  | ug/l # | 82       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 5615     | 631.796 | ug/l # | 84       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 126410   | 156.821 | ug/l   | 94       |
| 52) Toluene                   | 10.240 | 92   | 73648    | 24.202  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 47721    | 29.576  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 52710    | 30.388  | ug/l   | 90       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 27431    | 29.491  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 27981    | 23.530  | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 46767    | 30.823  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 9.783  | 63   | 92553    | 179.898 | ug/l   | 96       |
| 59) 2-Hexanone                | 10.831 | 43   | 90841    | 164.597 | ug/l   | 92       |
| 60) Dibromochloromethane      | 10.984 | 129  | 32207    | 28.564  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 26692    | 28.959  | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.715 | 164  | 24707    | 24.798  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.514 | 112  | 76743    | 24.427  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 29761    | 25.870  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.593 | 91   | 127529   | 22.524  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.697 | 106  | 101137   | 44.002  | ug/l   | 92       |
| 69) o-Xylene                  | 12.026 | 106  | 48629    | 22.783  | ug/l   | 90       |
| 70) Styrene                   | 12.044 | 104  | 85696    | 23.347  | ug/l   | 96       |
| 71) Bromoform                 | 12.203 | 173  | 19605    | 25.708  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.331 | 105  | 114743   | 21.905  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 26645    | 22.047  | ug/l # | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 33256    | 30.820  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 41493    | 55.156  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 30530    | 25.143  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.666 | 91   | 141488   | 23.379  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.752 | 91   | 80001    | 22.917  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 97154    | 22.128  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 11567    | 31.559  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 86191    | 23.084  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 82336    | 21.138  | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 97541    | 22.380  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 124263   | 20.851  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 102011   | 20.526  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 57190    | 22.079  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 58215    | 22.371  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 94830    | 20.857  | ug/l   | 97       |
| 90) Hexachloroethane          | 13.959 | 117  | 21135    | 22.693  | ug/l   | 80       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 52200    | 22.830  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 4948     | 29.536  | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 24990    | 19.915  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 12190    | 17.824  | ug/l   | 98       |
| 95) Naphthalene               | 15.233 | 128  | 54743    | 21.716  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 22382    | 20.526  | ug/l   | 98       |

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Quant Title : SW846 8260  
QLast Update : Fri May 20 23:50:52 2022  
Response via : Initial Calibration

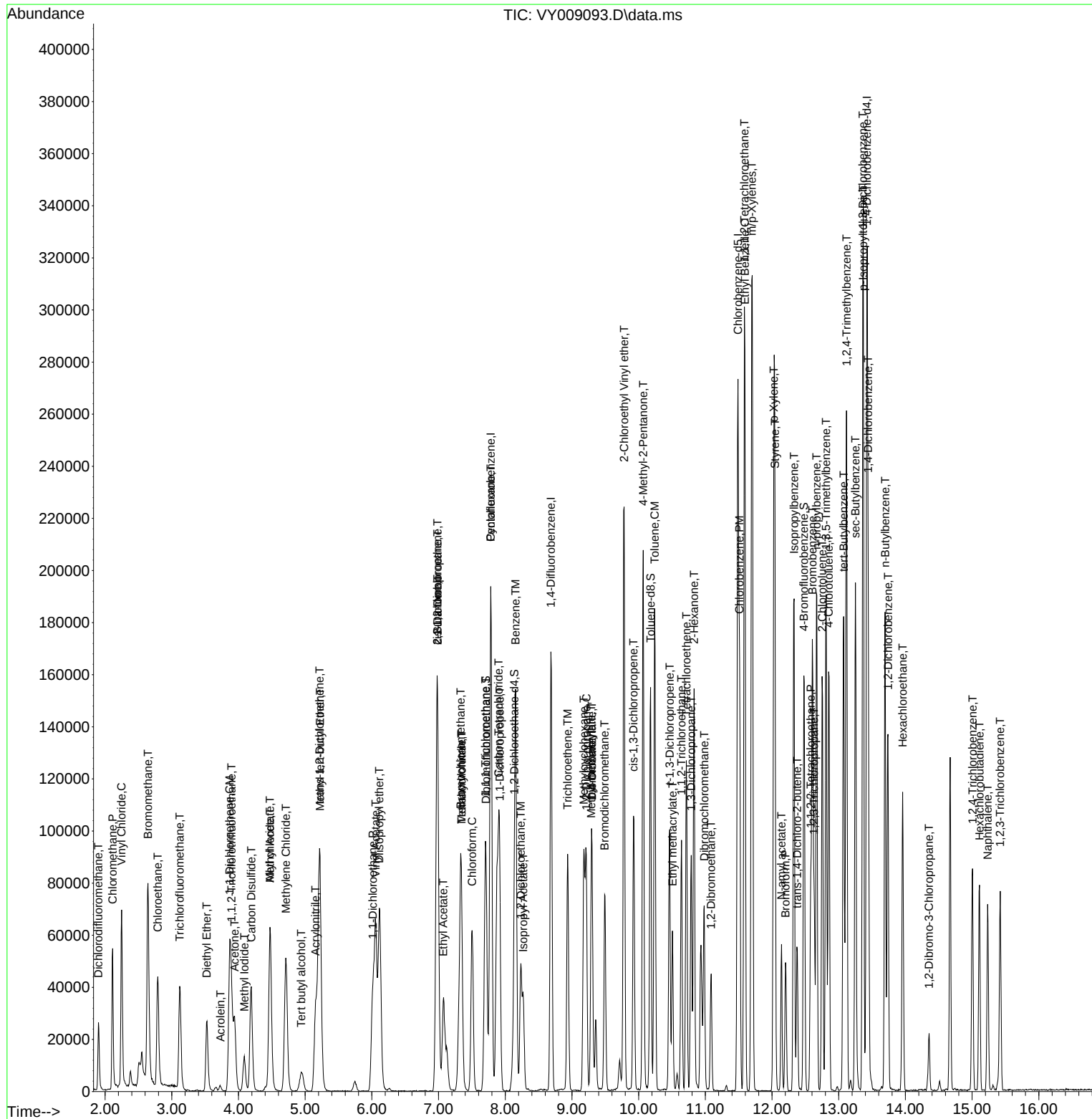
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

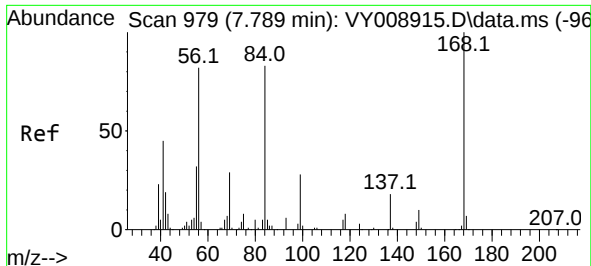
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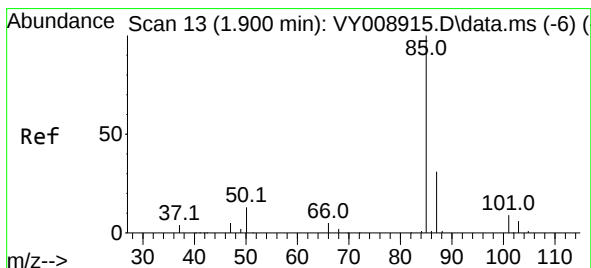
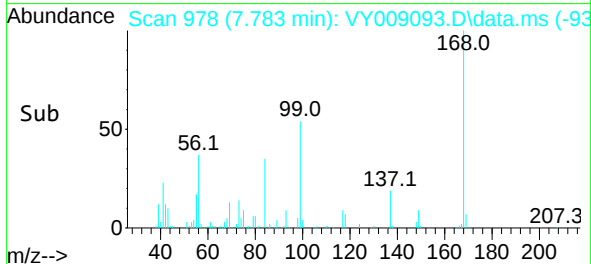
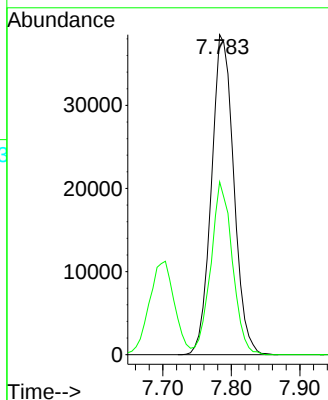
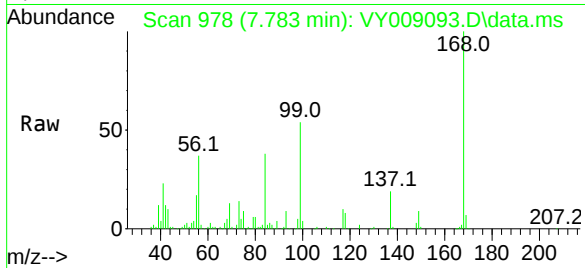




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

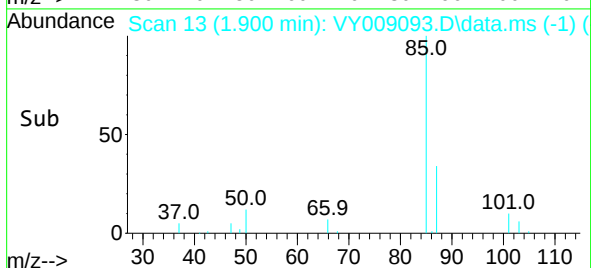
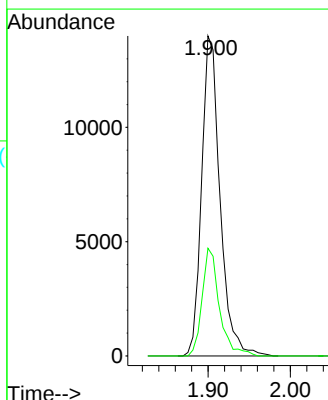
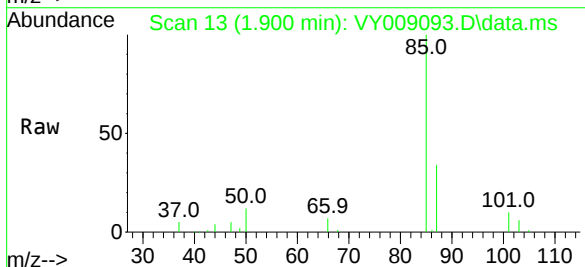
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P037-SS001-1218-01MS

Tgt Ion:168 Resp: 87042  
Ion Ratio Lower Upper  
168 100  
99 54.0 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 27.317 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

Tgt Ion: 85 Resp: 21747  
Ion Ratio Lower Upper  
85 100  
87 33.6 16.1 48.2

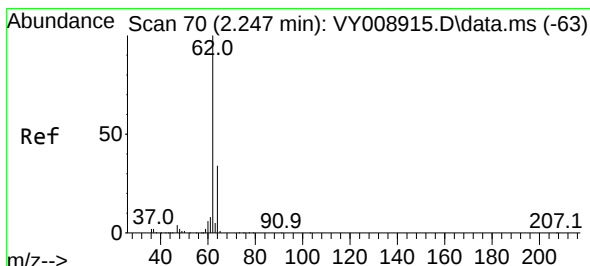
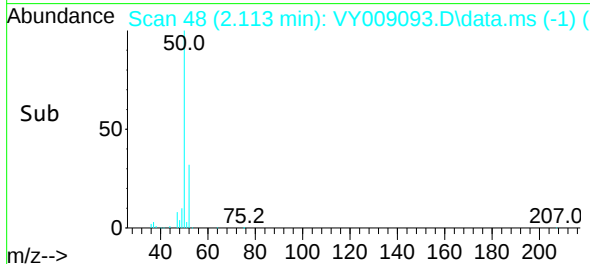
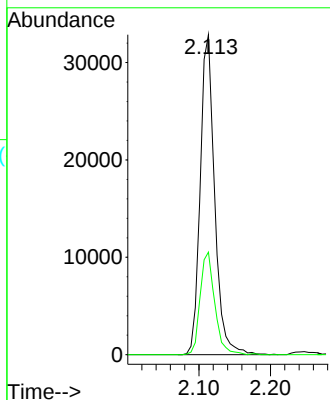
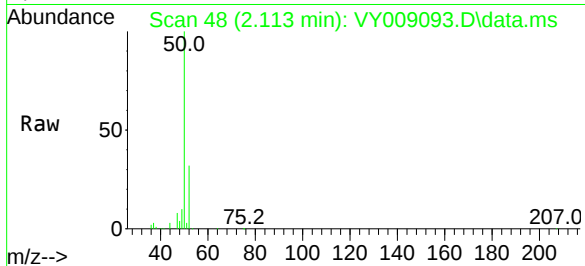




#3  
Chloromethane  
Concen: 40.364 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

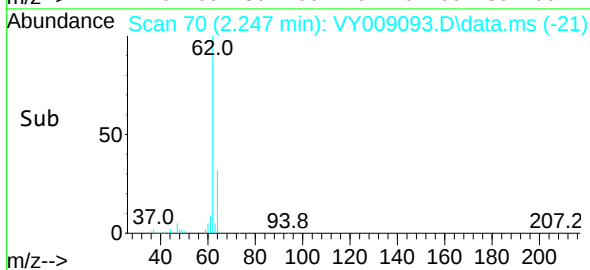
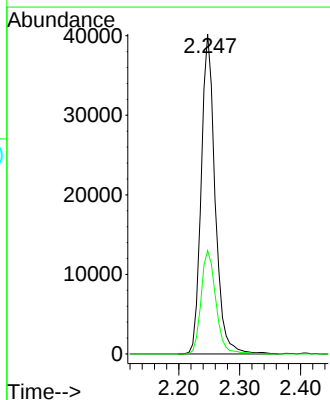
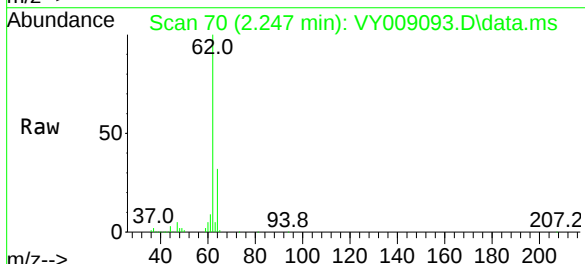
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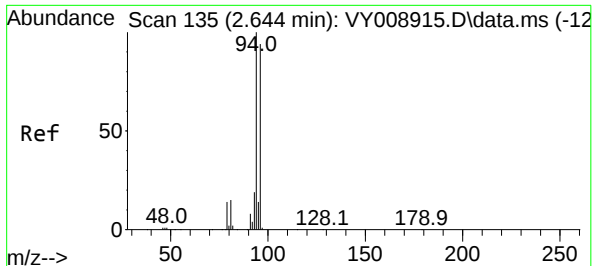
Tgt Ion: 50 Resp: 46036  
Ion Ratio Lower Upper  
50 100  
52 32.0 24.6 37.0



#4  
Vinyl Chloride  
Concen: 37.776 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

Tgt Ion: 62 Resp: 63830  
Ion Ratio Lower Upper  
62 100  
64 32.3 25.0 37.6

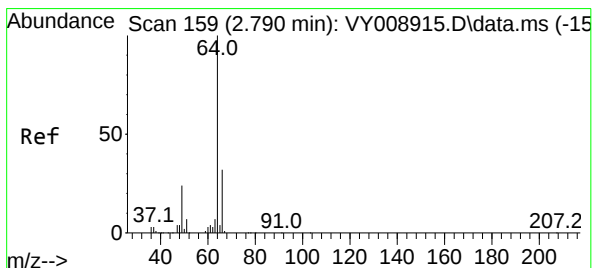
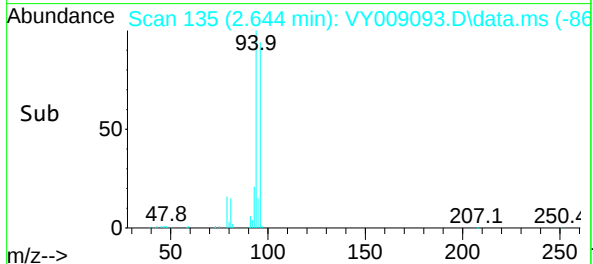
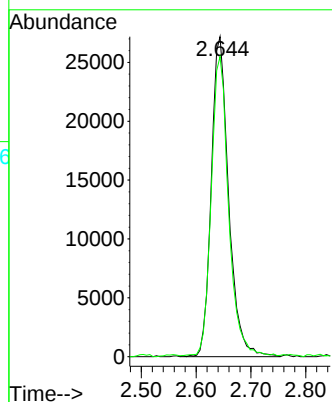
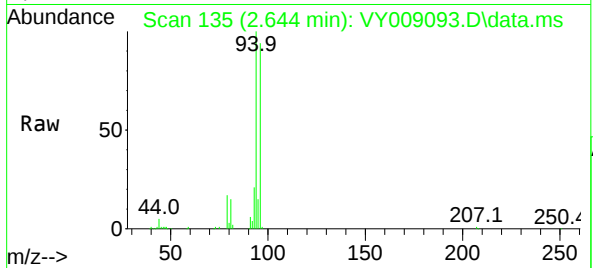




#5  
Bromomethane  
Concen: 36.105 ug/l  
RT: 2.644 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

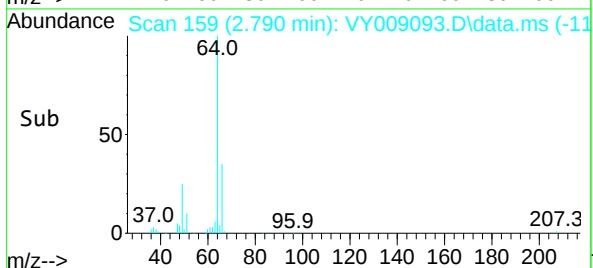
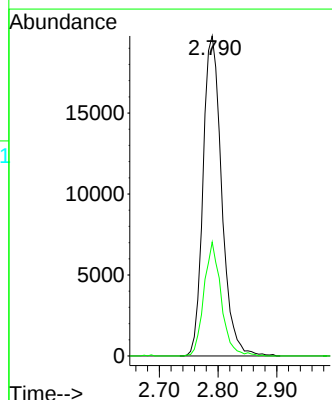
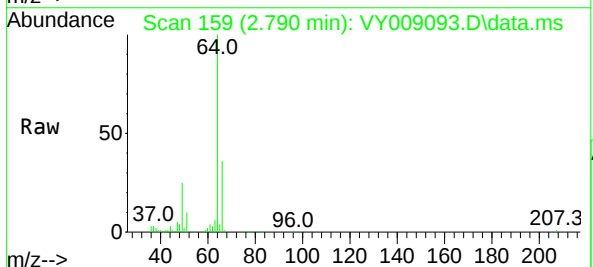
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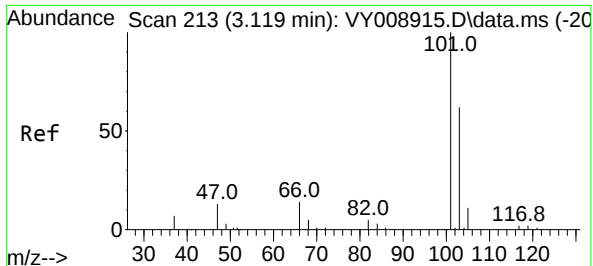
Tgt Ion: 94 Resp: 59801  
Ion Ratio Lower Upper  
94 100  
96 93.4 73.5 110.3



#6  
Chloroethane  
Concen: 36.457 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. -0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

Tgt Ion: 64 Resp: 43642  
Ion Ratio Lower Upper  
64 100  
66 35.6 25.4 38.0

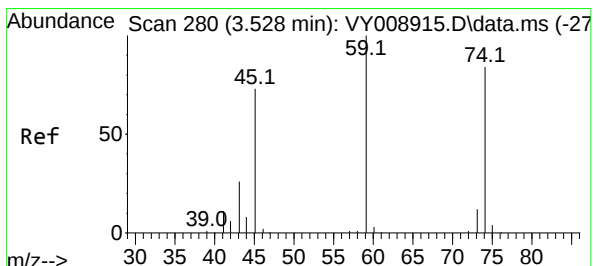
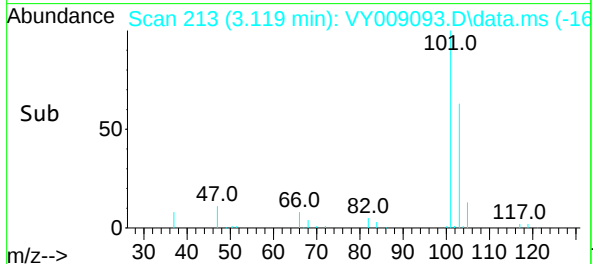
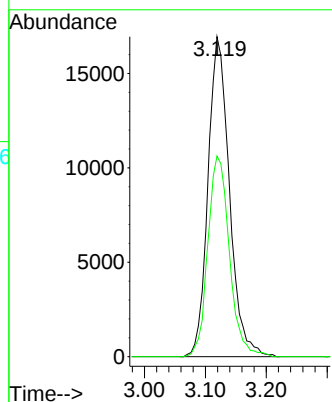
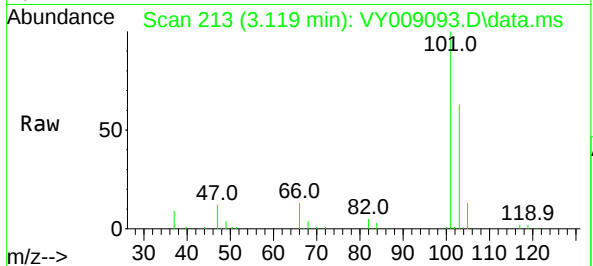




#7  
Trichlorofluoromethane  
Concen: 28.847 ug/l  
RT: 3.119 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

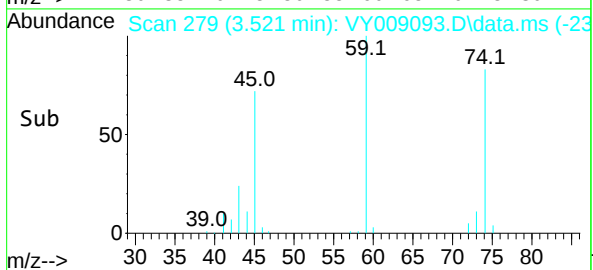
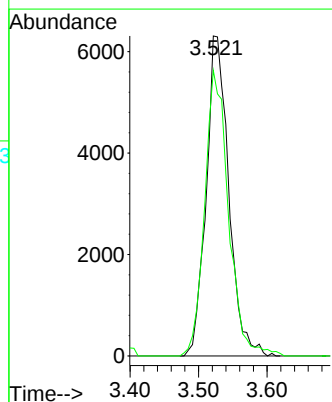
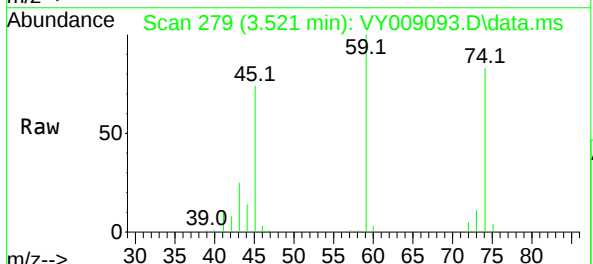
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P037-SS001-1218-01MS

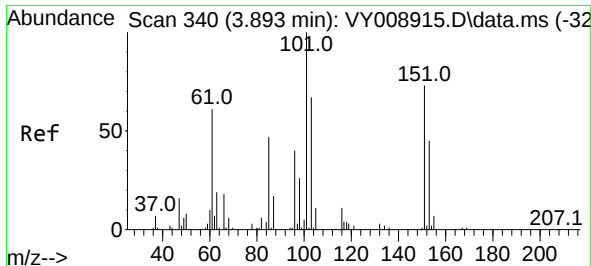
Tgt Ion:101 Resp: 41394  
Ion Ratio Lower Upper  
101 100  
103 62.7 48.0 72.0



#8  
Diethyl Ether  
Concen: 32.296 ug/l  
RT: 3.521 min Scan# 279  
Delta R.T. -0.007 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

Tgt Ion: 74 Resp: 14491  
Ion Ratio Lower Upper  
74 100  
45 94.0 55.1 165.5

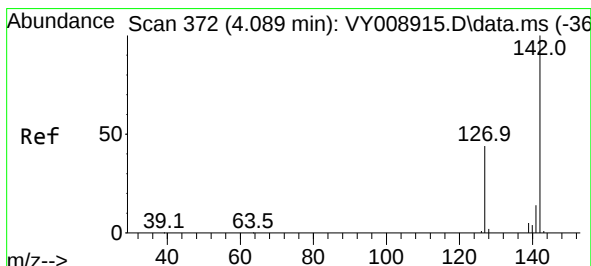
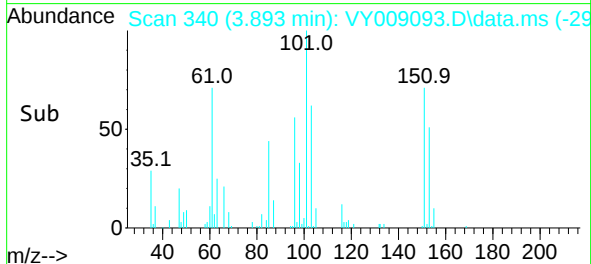
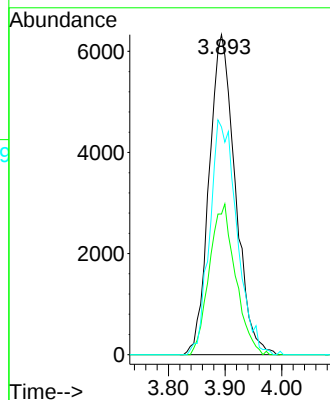
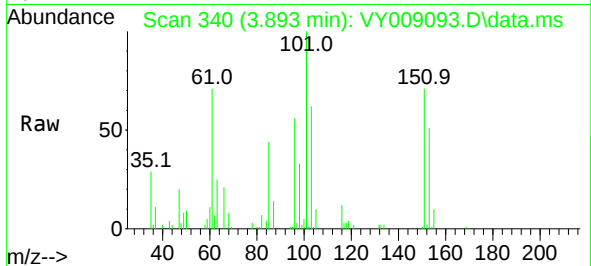




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 22.971 ug/l  
RT: 3.893 min Scan# 340  
Delta R.T. 0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

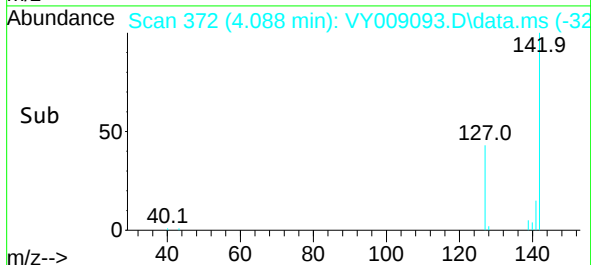
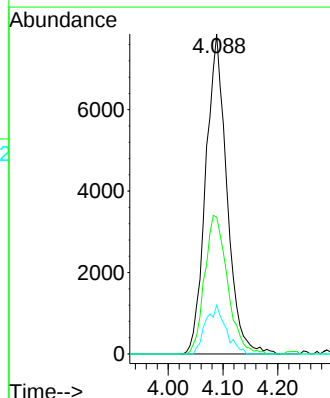
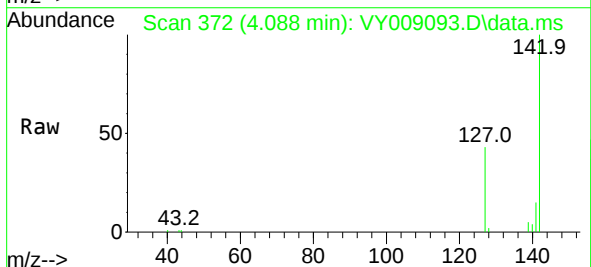
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P037-SS001-1218-01MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 20259 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 47.1  | 40.6  | 60.8  |
| 151      | 76.2  | 64.9  | 97.3  |



#10  
Methyl Iodide  
Concen: 23.074 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. -0.001 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 21013 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 46.7  | 41.5  | 62.3  |
| 141      | 14.7  | 11.9  | 17.9  |

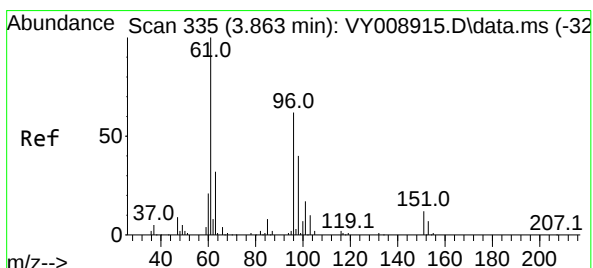
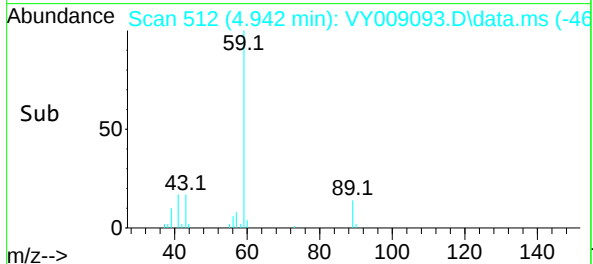
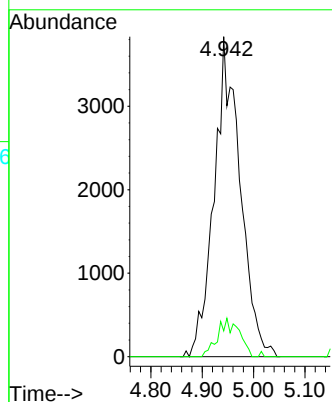
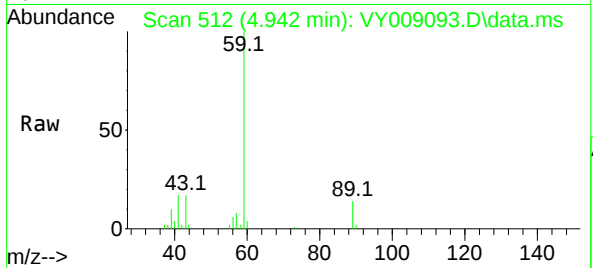




#11  
Tert butyl alcohol  
Concen: 148.461 ug/l  
RT: 4.942 min Scan# 513  
Delta R.T. -0.006 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

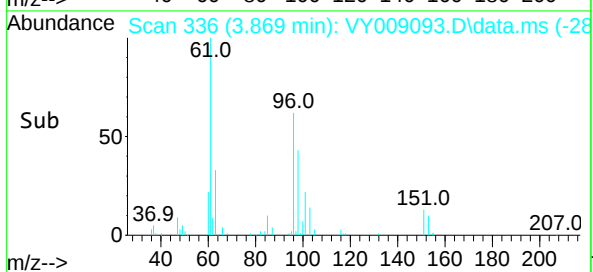
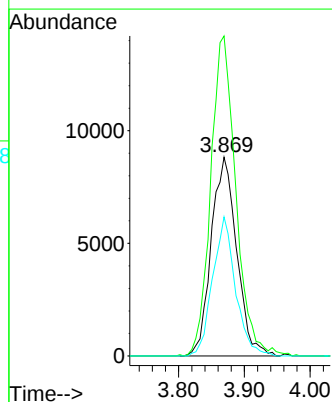
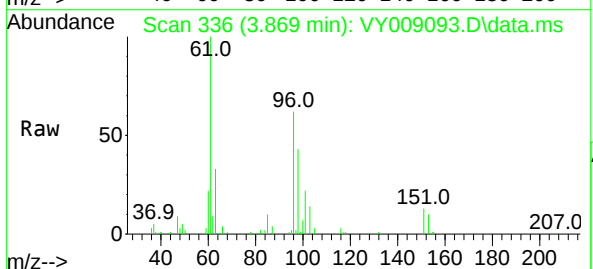
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P037-SS001-1218-01MS

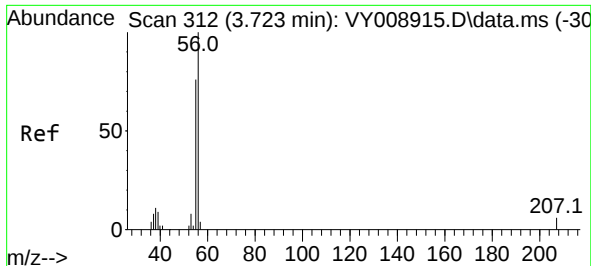
Tgt Ion: 59 Resp: 13490  
Ion Ratio Lower Upper  
59 100  
57 5.7 6.4 9.6#



#12  
1,1-Dichloroethene  
Concen: 29.106 ug/l  
RT: 3.869 min Scan# 336  
Delta R.T. 0.006 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

Tgt Ion: 96 Resp: 23829  
Ion Ratio Lower Upper  
96 100  
61 160.4 145.8 218.6  
98 70.0 52.5 78.7

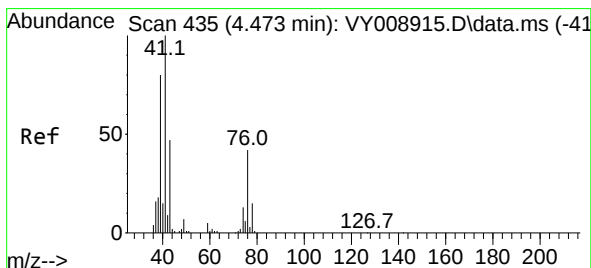
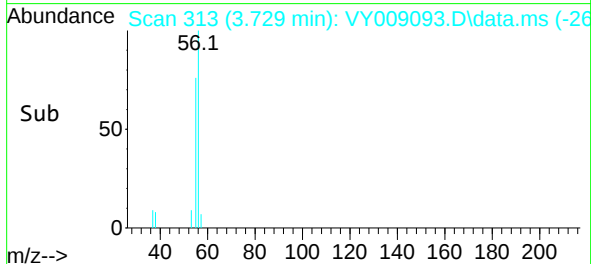
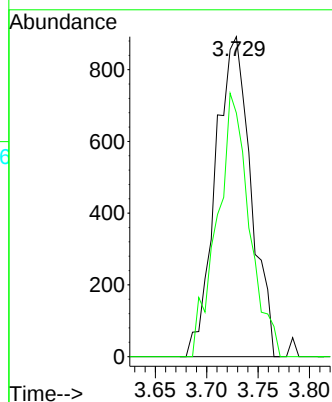
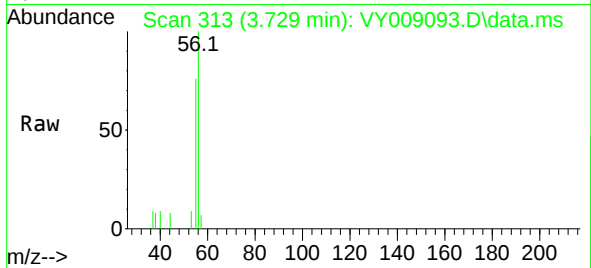




#13  
Acrolein  
Concen: 71.216 ug/l  
RT: 3.729 min Scan# 312  
Delta R.T. 0.006 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

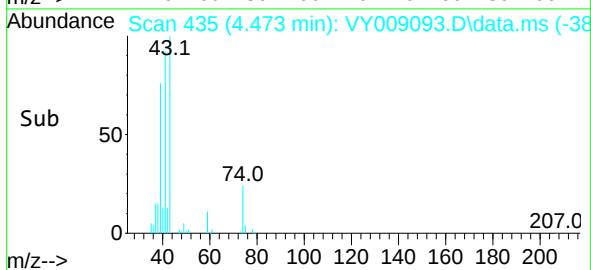
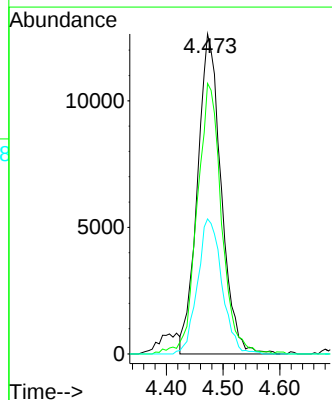
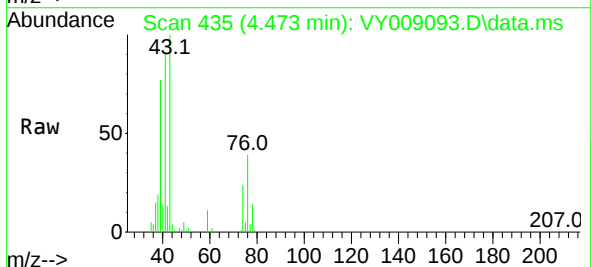
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P037-SS001-1218-01MS

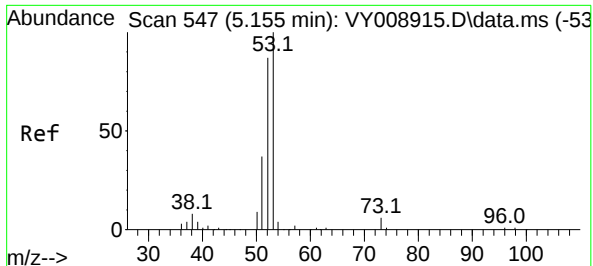
Tgt Ion: 56 Resp: 2130  
Ion Ratio Lower Upper  
56 100  
55 75.1 57.6 86.4



#14  
Allyl chloride  
Concen: 29.812 ug/l  
RT: 4.473 min Scan# 435  
Delta R.T. -0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

Tgt Ion: 41 Resp: 36782  
Ion Ratio Lower Upper  
41 100  
39 87.0 58.8 88.2  
76 43.4 25.1 37.7#

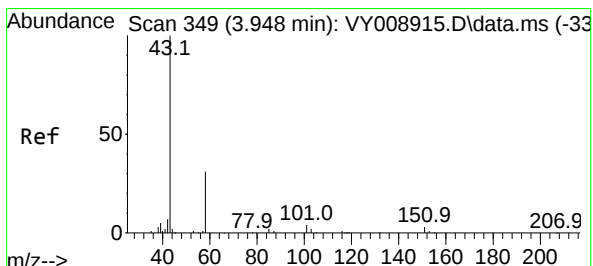
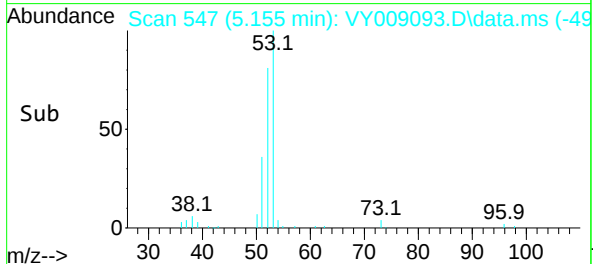
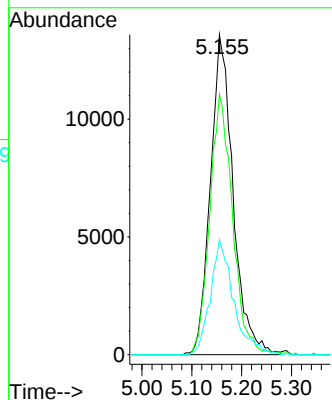
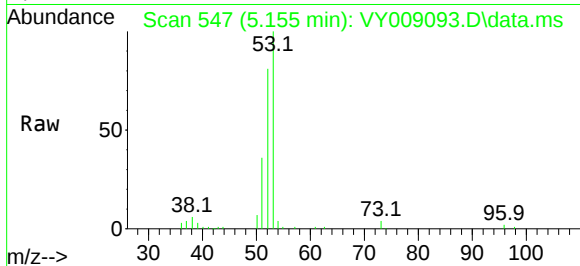




#15  
Acrylonitrile  
Concen: 170.783 ug/l  
RT: 5.155 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

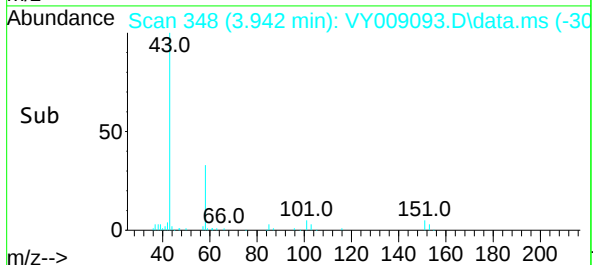
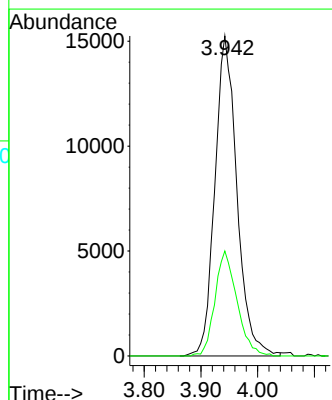
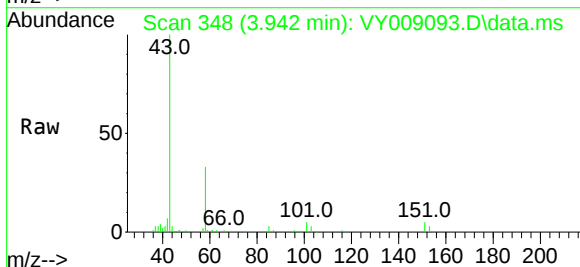
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P037-SS001-1218-01MS

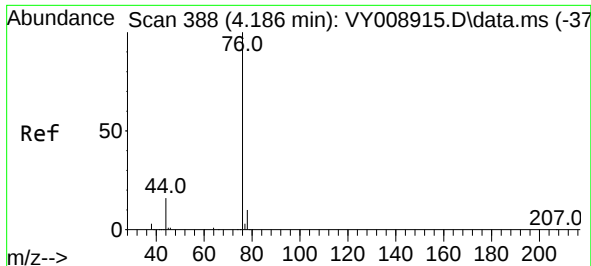
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 42905 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 82.3  | 67.0  | 100.4 |
| 51       | 36.8  | 29.8  | 44.6  |



#16  
Acetone  
Concen: 220.822 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. -0.006 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 41177 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 32.8  | 22.0  | 33.0  |

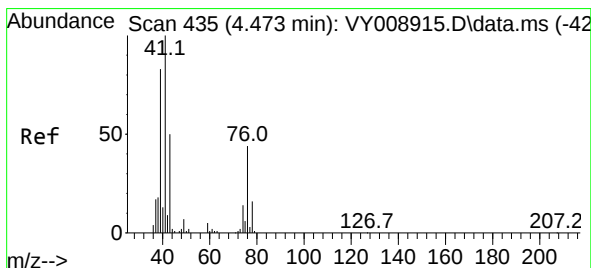
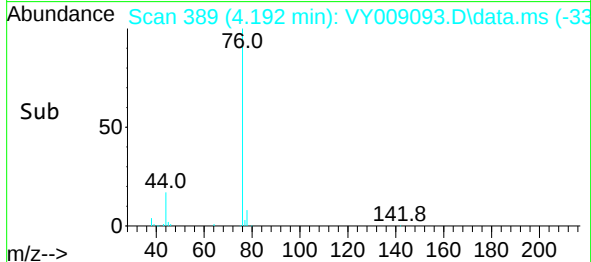
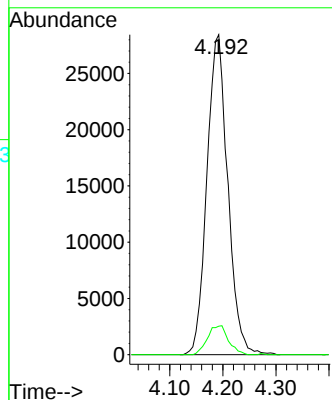
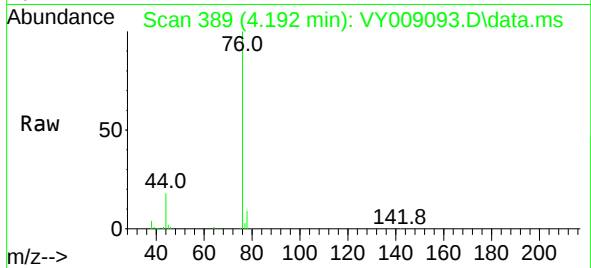




#17  
Carbon Disulfide  
Concen: 29.043 ug/l  
RT: 4.192 min Scan# 389  
Delta R.T. 0.006 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

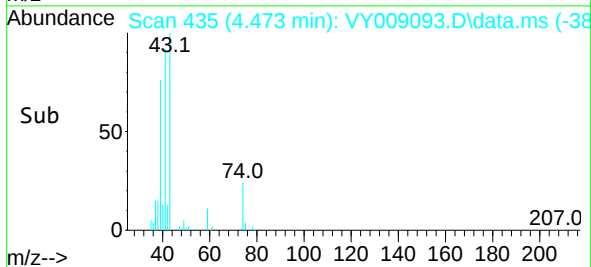
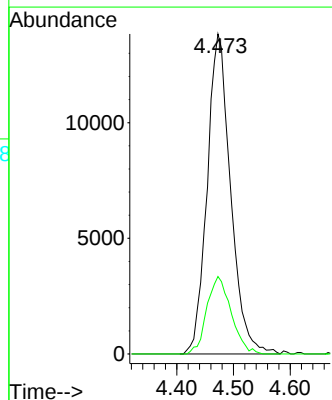
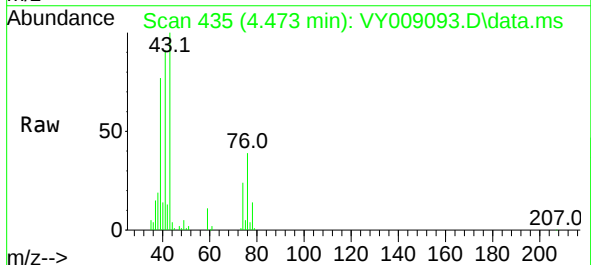
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P037-SS001-1218-01MS

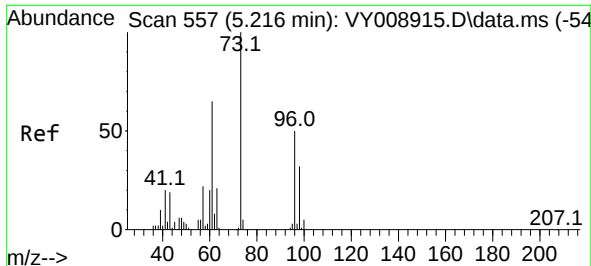
Tgt Ion: 76 Resp: 77681  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.0



#18  
Methyl Acetate  
Concen: 68.528 ug/l  
RT: 4.473 min Scan# 435  
Delta R.T. -0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

Tgt Ion: 43 Resp: 39792  
Ion Ratio Lower Upper  
43 100  
74 25.1 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 30.854 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

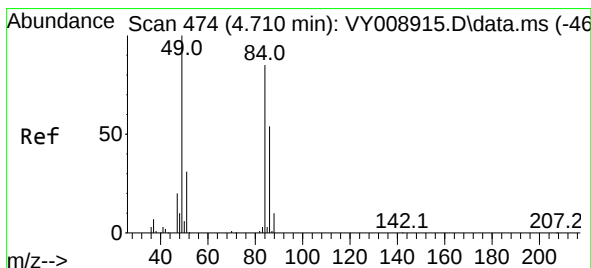
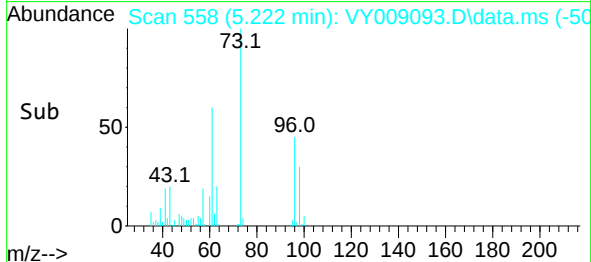
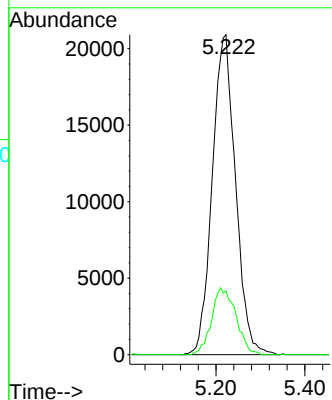
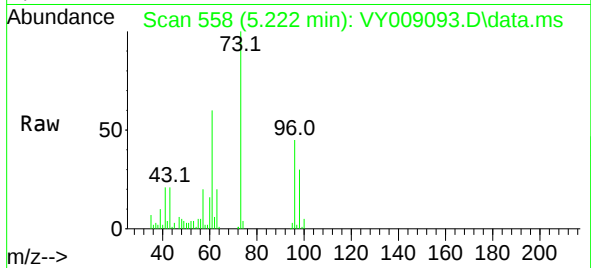
P037-SS001-1218-01MS

Tgt Ion: 73 Resp: 75819

Ion Ratio Lower Upper

73 100

57 20.0 18.6 27.8



#20

Methylene Chloride

Concen: 34.151 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

Tgt Ion: 84 Resp: 38241

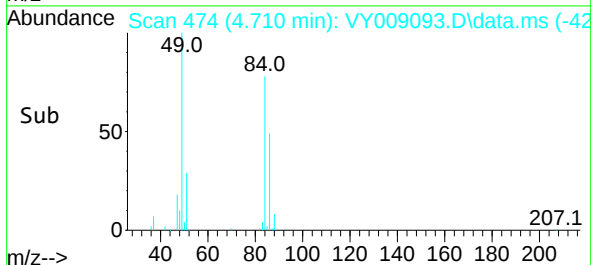
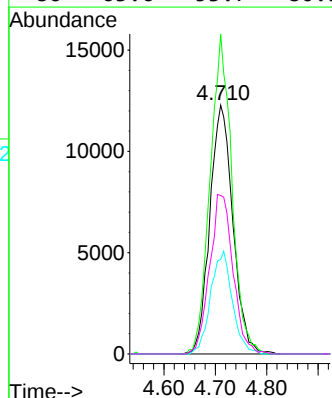
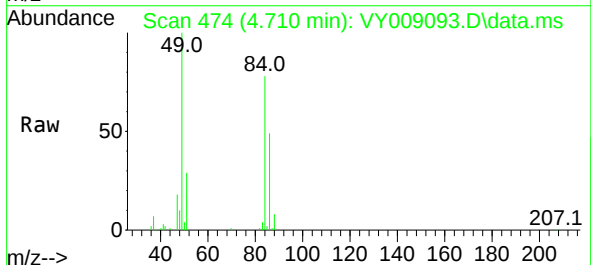
Ion Ratio Lower Upper

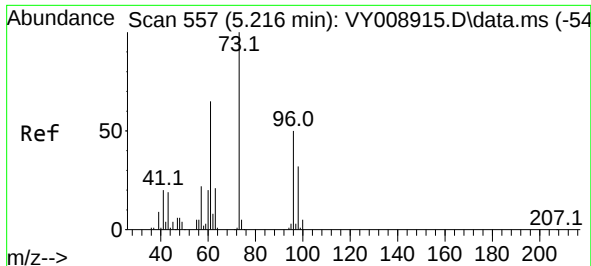
84 100

49 128.6 114.4 171.6

51 37.9 35.3 52.9

86 63.6 53.7 80.5

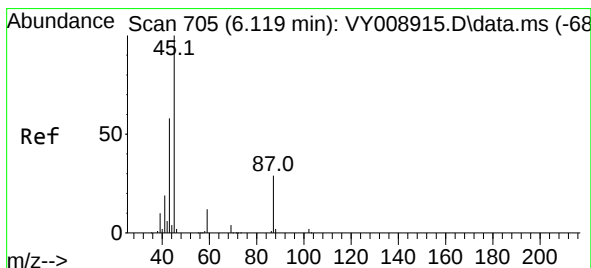
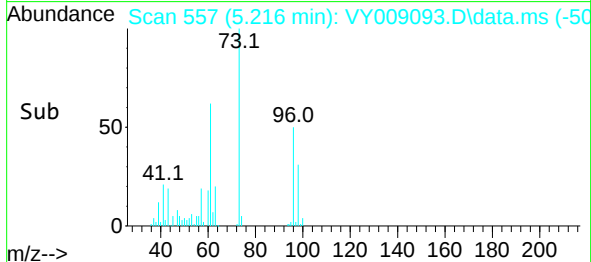
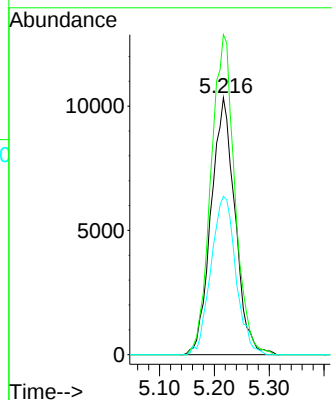
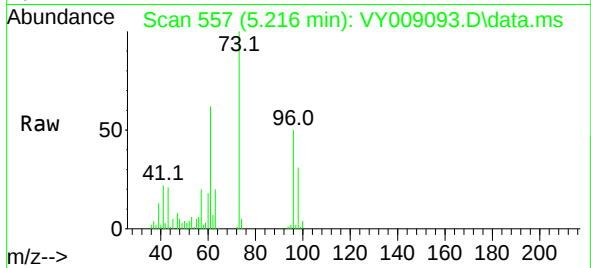




#21  
trans-1,2-Dichloroethene  
Concen: 29.894 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

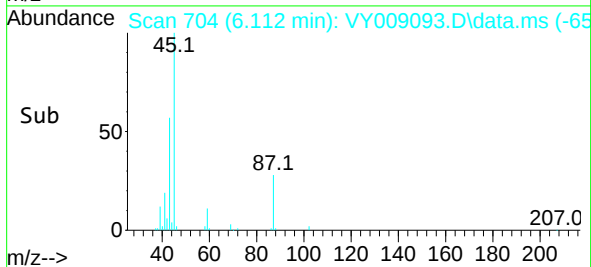
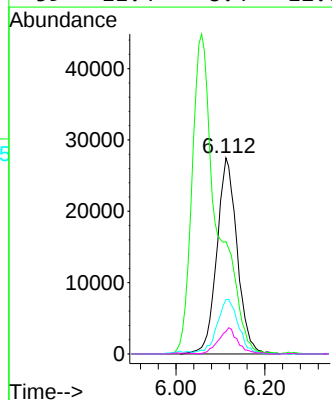
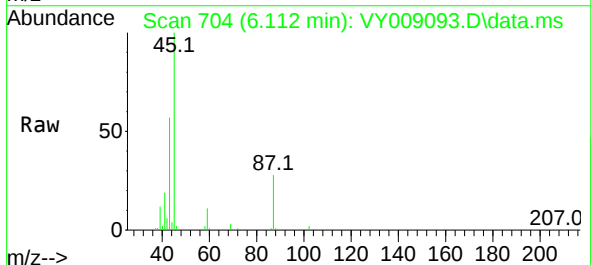
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P037-SS001-1218-01MS

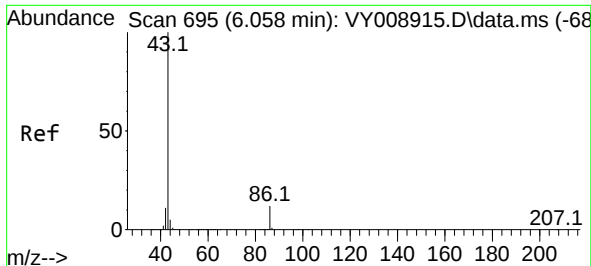
Tgt Ion: 96 Resp: 31413  
Ion Ratio Lower Upper  
96 100  
61 124.5 120.5 180.7  
98 61.7 49.8 74.8



#22  
Diisopropyl ether  
Concen: 29.338 ug/l  
RT: 6.112 min Scan# 704  
Delta R.T. -0.007 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

Tgt Ion: 45 Resp: 86963  
Ion Ratio Lower Upper  
45 100  
43 57.3 49.3 73.9  
87 27.8 19.2 28.8  
59 11.4 8.4 12.6

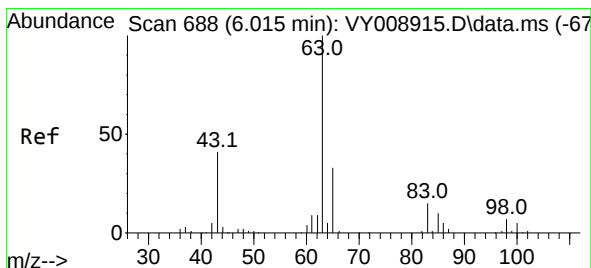
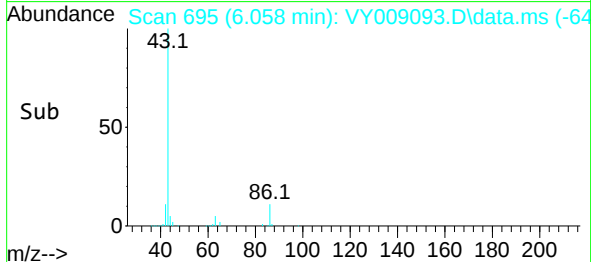
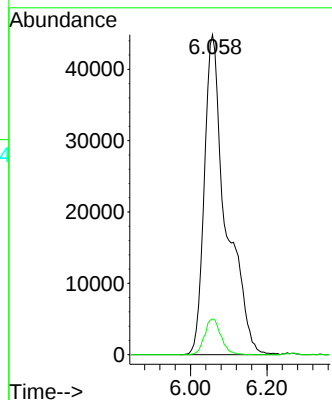
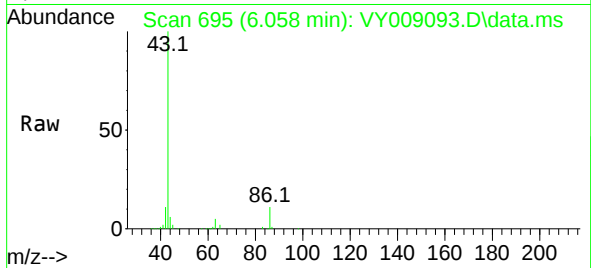




#23  
 Vinyl Acetate  
 Concen: 89.907 ug/l  
 RT: 6.058 min Scan# 695  
 Delta R.T. -0.000 min  
 Lab File: VY009093.D  
 Acq: 25 May 2022 16:29

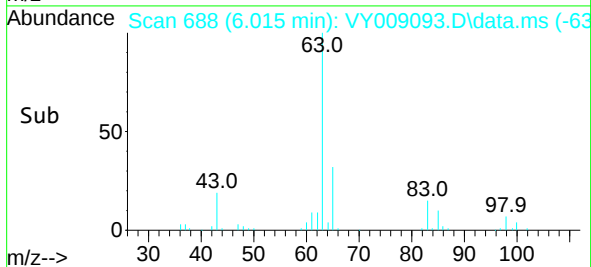
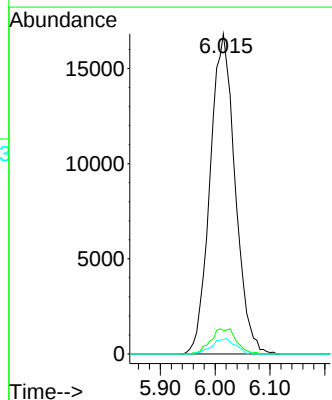
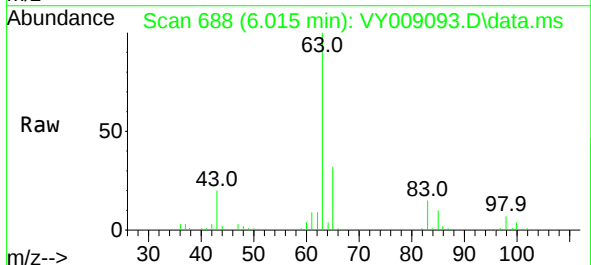
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 P037-SS001-1218-01MS

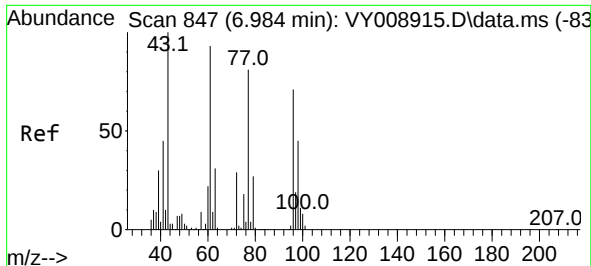
Tgt Ion: 43 Resp: 176283  
 Ion Ratio Lower Upper  
 43 100  
 86 11.1 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 30.139 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. -0.000 min  
 Lab File: VY009093.D  
 Acq: 25 May 2022 16:29

Tgt Ion: 63 Resp: 53434  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.6 10.8  
 100 4.5 2.0 5.8

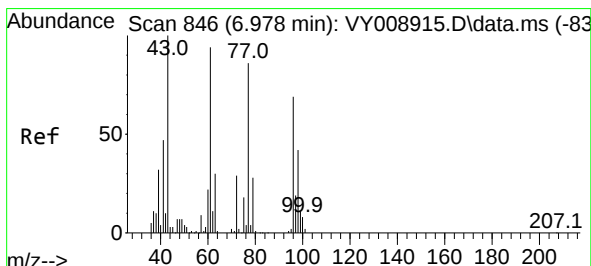
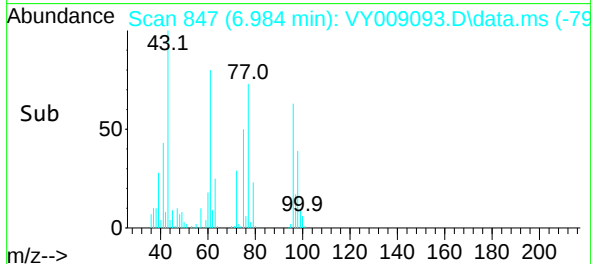
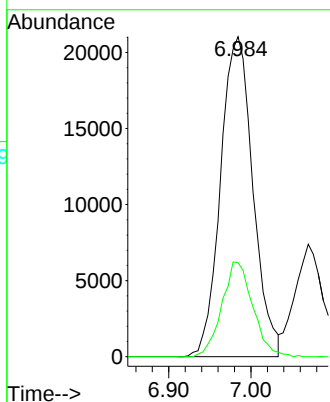
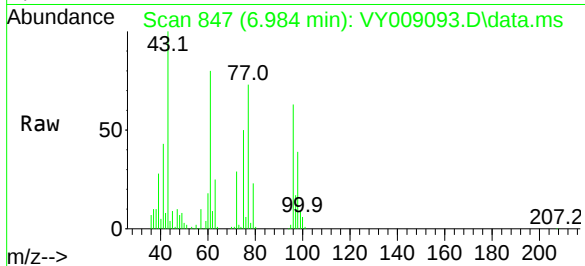




#25  
2-Butanone  
Concen: 173.144 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

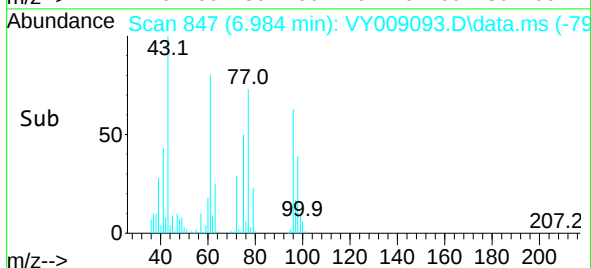
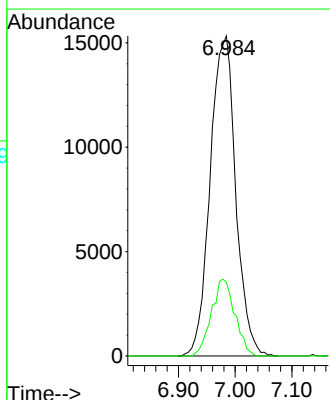
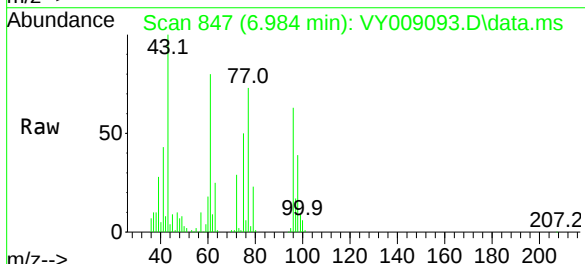
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P037-SS001-1218-01MS

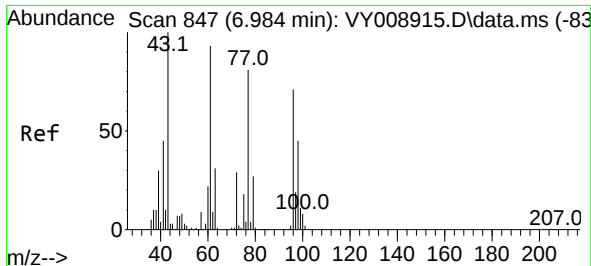
Tgt Ion: 43 Resp: 57667  
Ion Ratio Lower Upper  
43 100  
72 29.4 17.7 26.5#



#26  
2,2-Dichloropropane  
Concen: 29.334 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.006 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

Tgt Ion: 77 Resp: 47906  
Ion Ratio Lower Upper  
77 100  
97 22.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 30.593 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

P037-SS001-1218-01MS

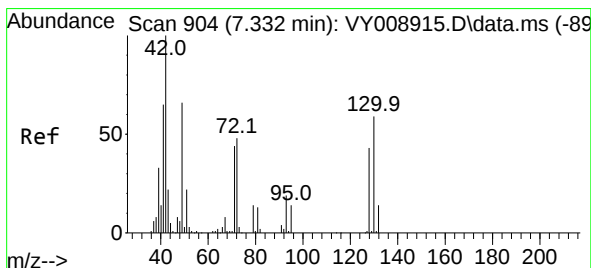
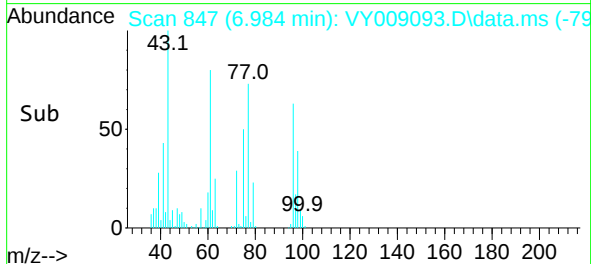
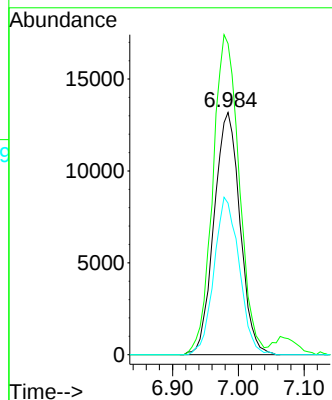
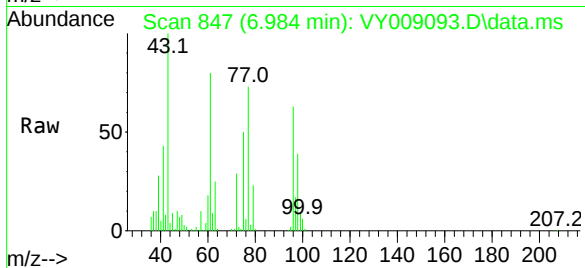
Tgt Ion: 96 Resp: 36239

Ion Ratio Lower Upper

96 100

61 134.0 0.0 319.8

98 63.1 0.0 127.0



#28

Bromochloromethane

Concen: 45.134 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

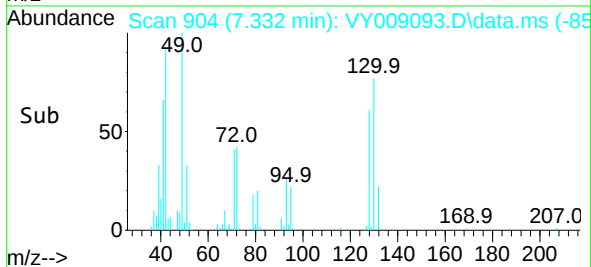
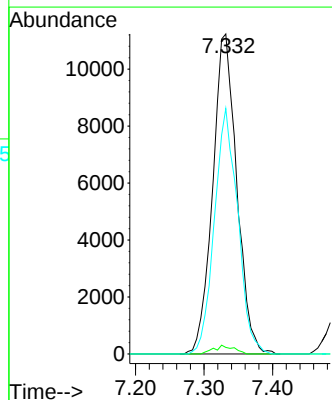
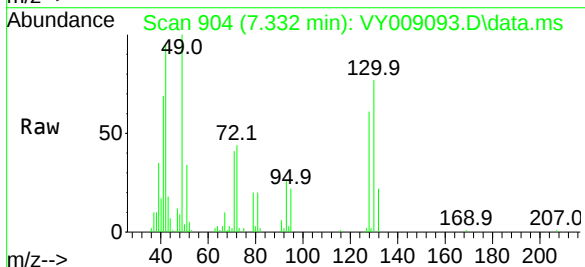
Tgt Ion: 49 Resp: 27465

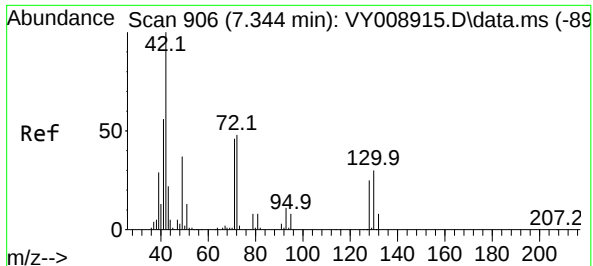
Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.2#

130 74.2 55.4 83.0





#29

Tetrahydrofuran

Concen: 161.192 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

P037-SS001-1218-01MS

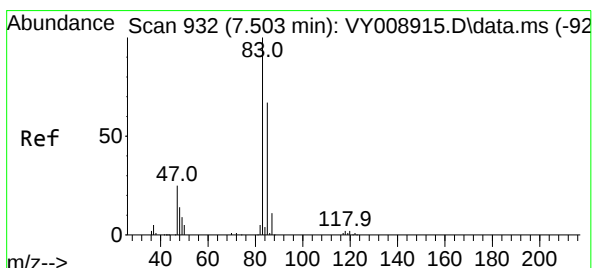
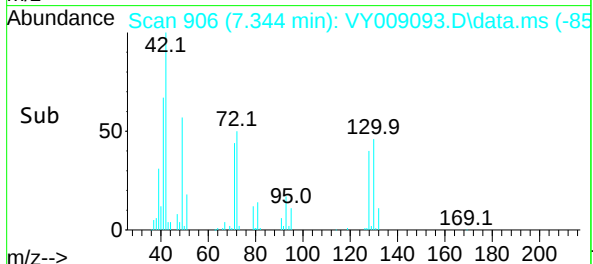
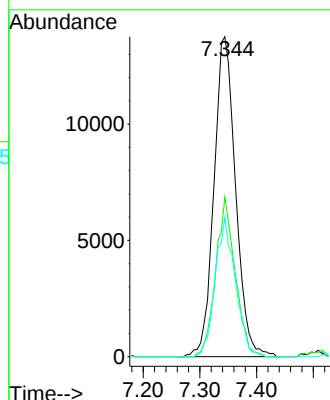
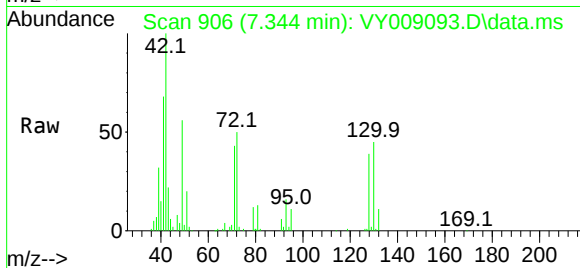
Tgt Ion: 42 Resp: 36468

Ion Ratio Lower Upper

42 100

72 44.7 30.3 45.5

71 40.9 29.0 43.4



#30

Chloroform

Concen: 30.284 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.001 min

Lab File: VY009093.D

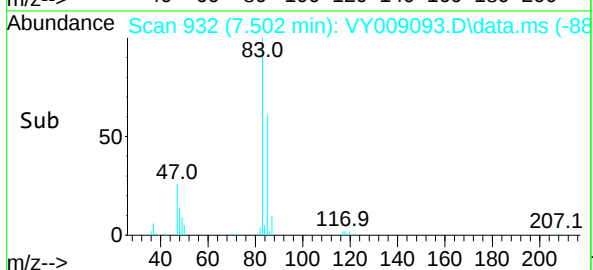
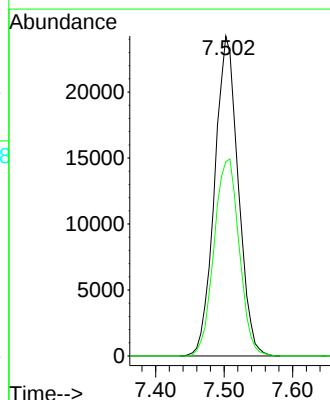
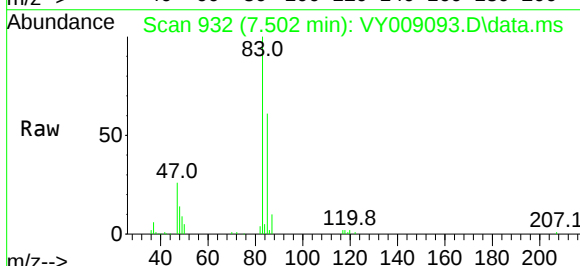
Acq: 25 May 2022 16:29

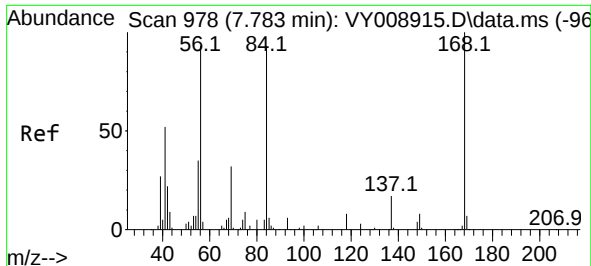
Tgt Ion: 83 Resp: 57956

Ion Ratio Lower Upper

83 100

85 60.7 51.8 77.6

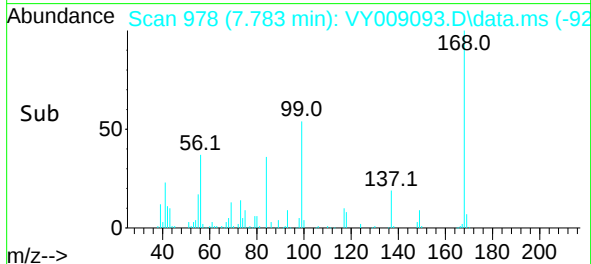
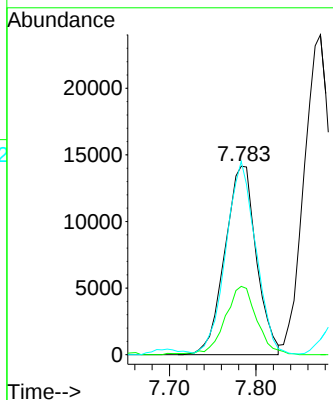
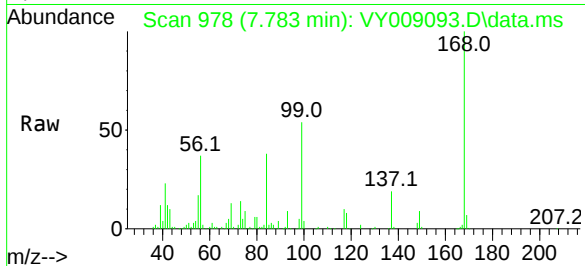




#31  
Cyclohexane  
Concen: 20.399 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

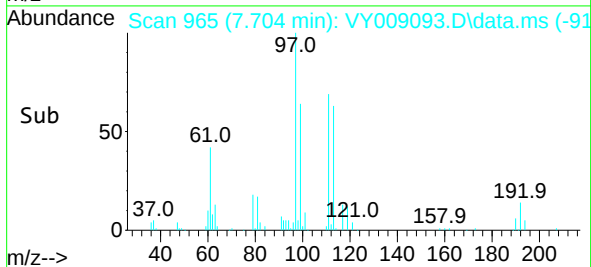
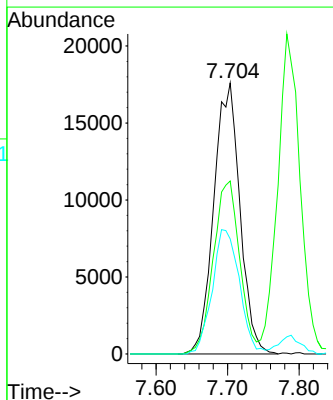
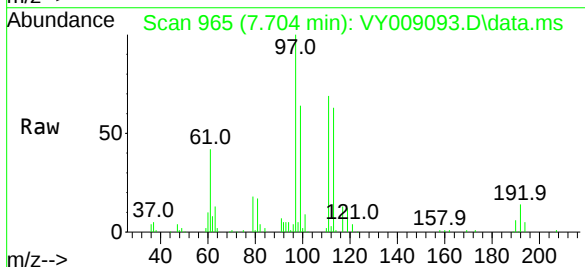
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P037-SS001-1218-01MS

Tgt Ion: 56 Resp: 35749  
Ion Ratio Lower Upper  
56 100  
69 35.7 26.7 40.1  
84 100.9 67.2 100.8#



#32  
1,1,1-Trichloroethane  
Concen: 25.698 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. 0.006 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

Tgt Ion: 97 Resp: 44619  
Ion Ratio Lower Upper  
97 100  
99 64.5 50.7 76.1  
61 47.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 38.179 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

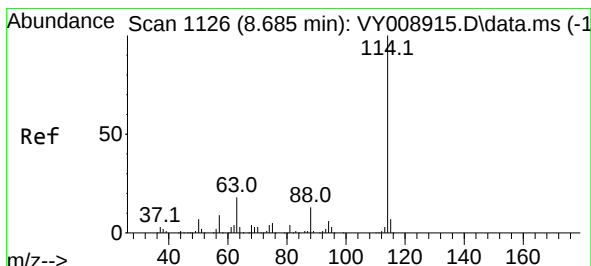
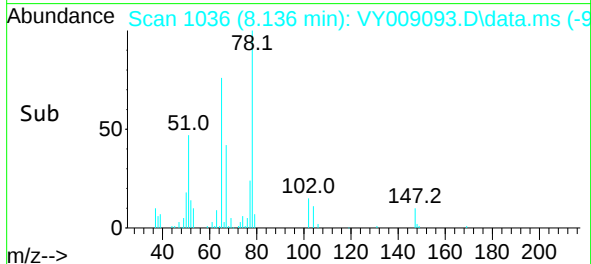
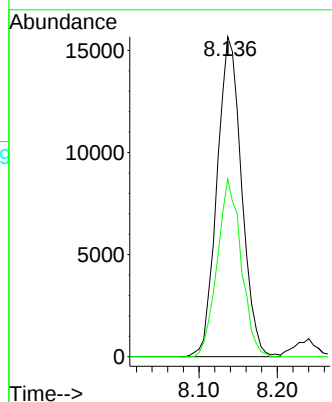
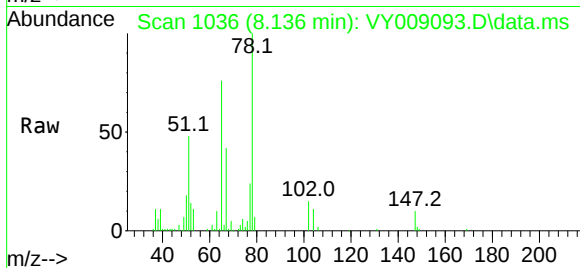
P037-SS001-1218-01MS

Tgt Ion: 65 Resp: 34202

Ion Ratio Lower Upper

65 100

67 54.1 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: VY009093.D

Acq: 25 May 2022 16:29

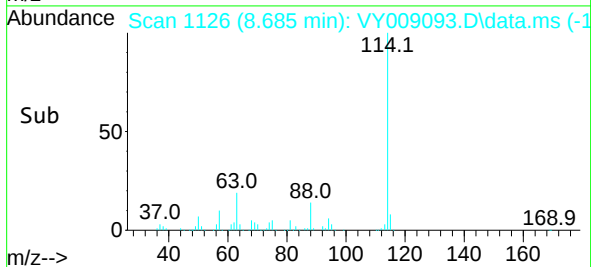
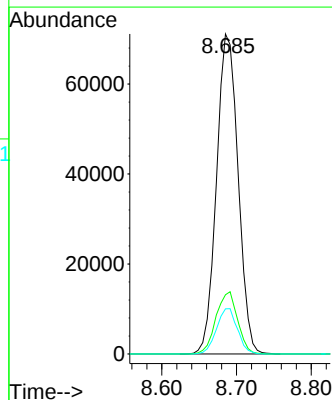
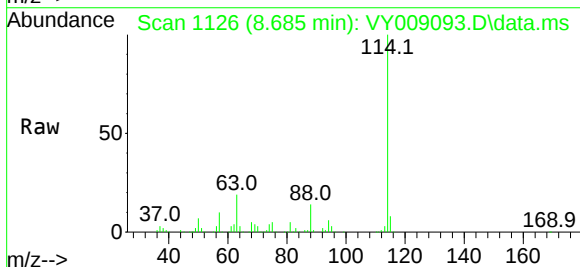
Tgt Ion: 114 Resp: 142695

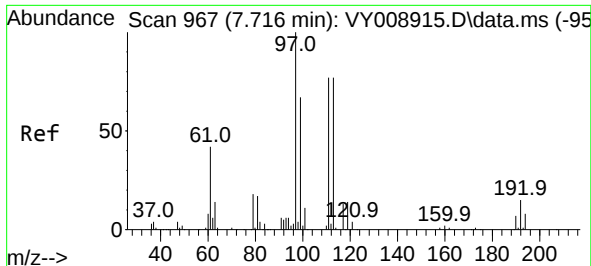
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.1 0.0 31.8

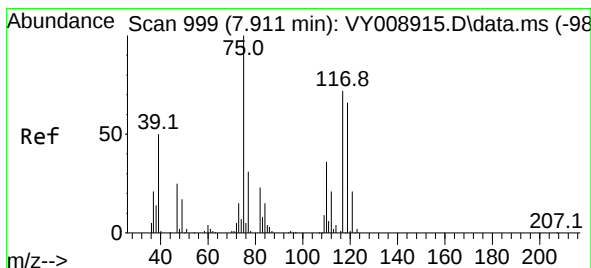
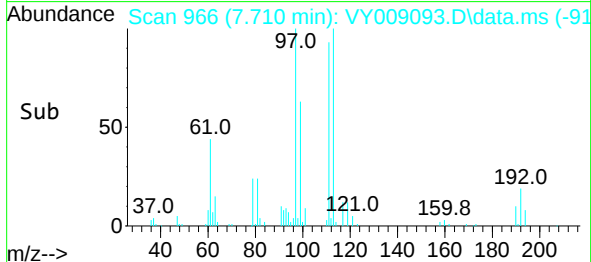
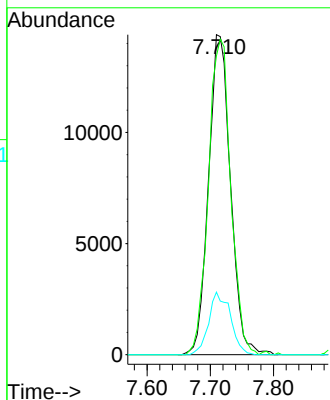
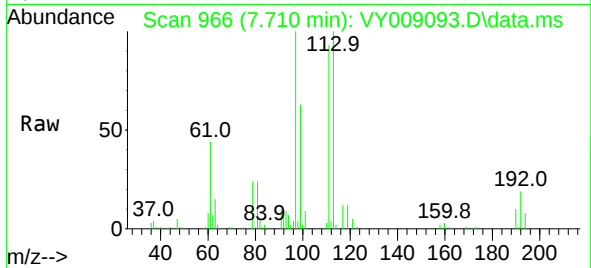




#35  
Dibromofluoromethane  
Concen: 39.091 ug/l  
RT: 7.710 min Scan# 910  
Delta R.T. -0.006 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

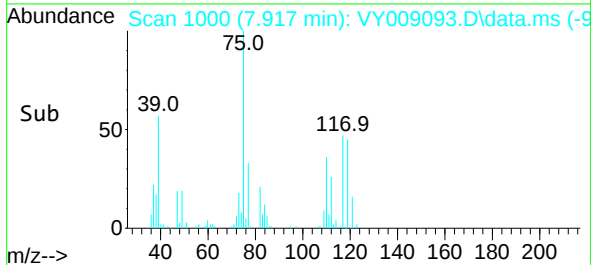
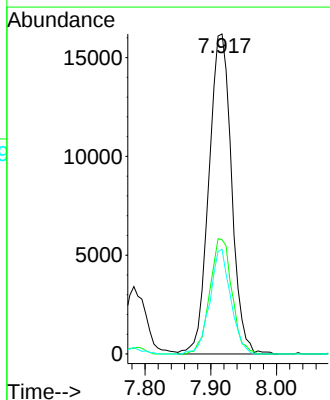
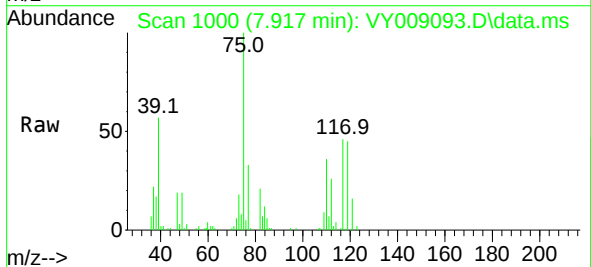
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P037-SS001-1218-01MS

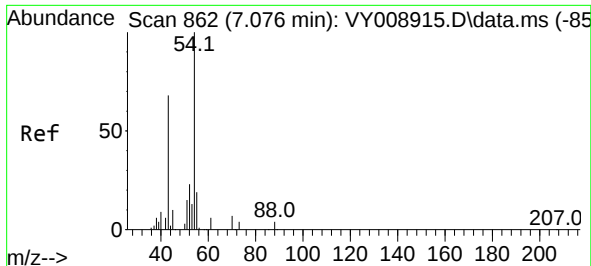
Tgt Ion:113 Resp: 34687  
Ion Ratio Lower Upper  
113 100  
111 100.4 82.6 124.0  
192 19.4 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 25.701 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. 0.006 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

Tgt Ion: 75 Resp: 38810  
Ion Ratio Lower Upper  
75 100  
110 35.1 17.1 51.2  
77 30.2 24.4 36.6





#37

Ethyl Acetate

Concen: 24.168 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

P037-SS001-1218-01MS

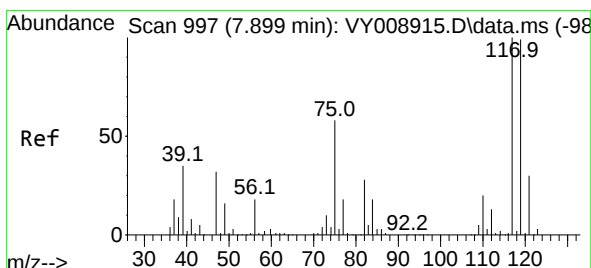
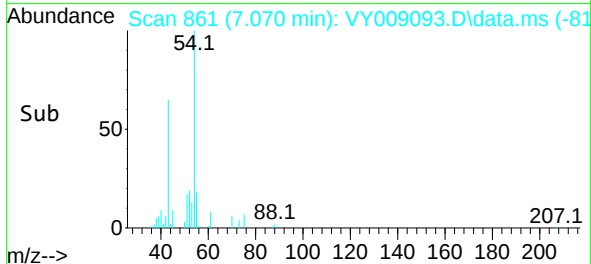
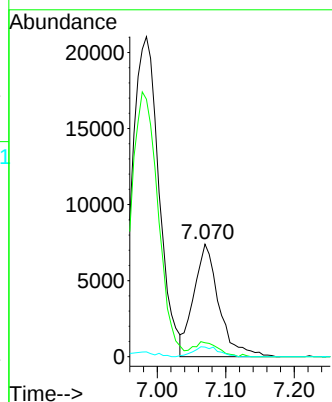
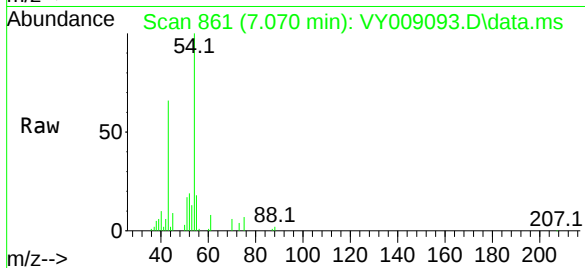
Tgt Ion: 43 Resp: 18931

Ion Ratio Lower Upper

43 100

61 12.3 9.7 14.5

70 8.9 7.1 10.7



#38

Carbon Tetrachloride

Concen: 23.962 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

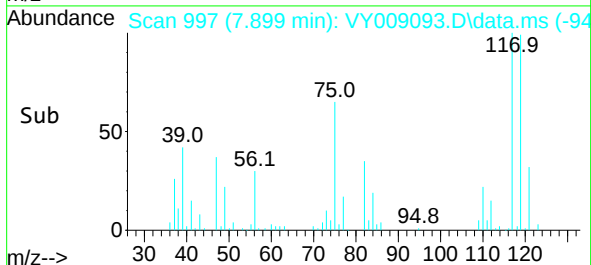
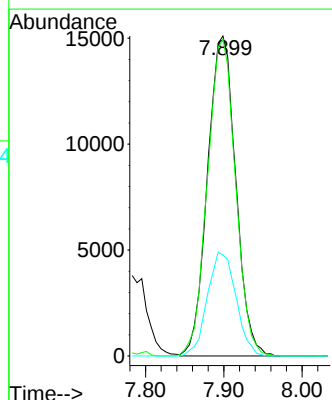
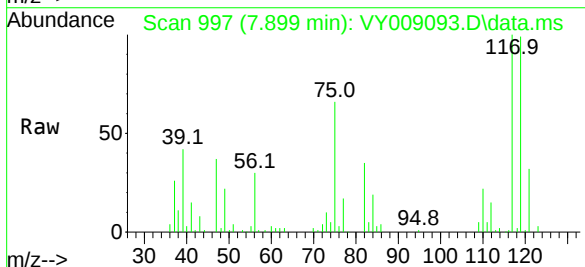
Tgt Ion: 117 Resp: 37853

Ion Ratio Lower Upper

117 100

119 99.0 77.9 116.9

121 31.6 24.8 37.2





#39

Methylcyclohexane

Concen: 18.907 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

P037-SS001-1218-01MS

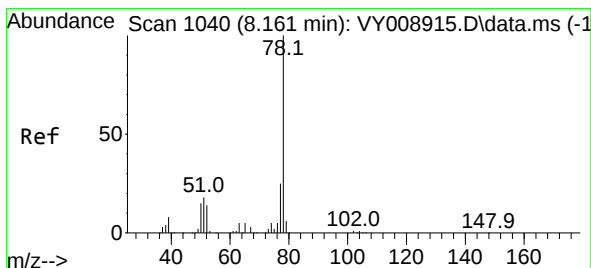
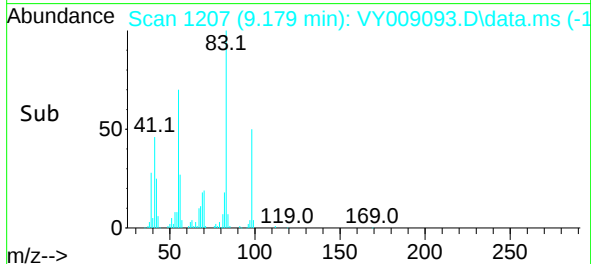
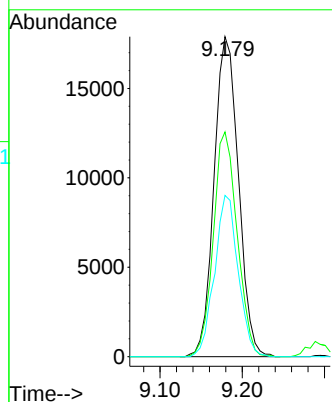
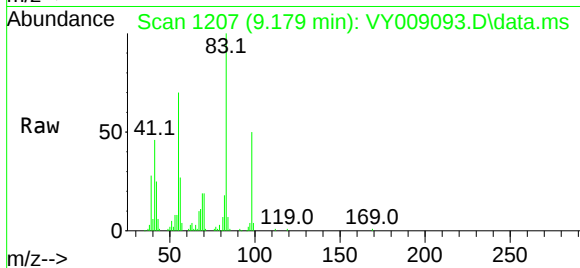
Tgt Ion: 83 Resp: 36854

Ion Ratio Lower Upper

83 100

55 70.3 66.5 99.7

98 50.4 37.9 56.9



#40

Benzene

Concen: 28.819 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY009093.D

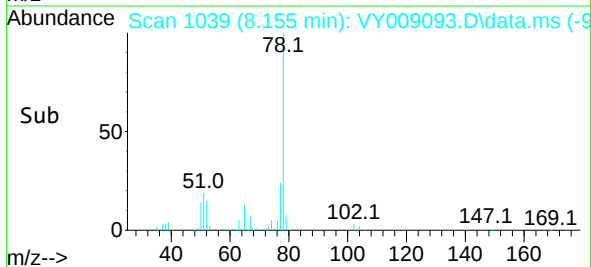
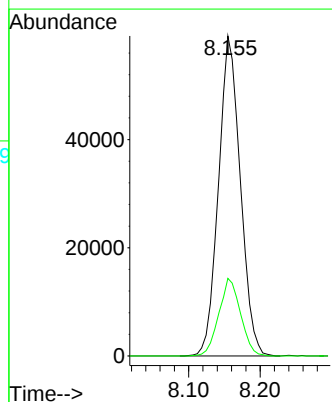
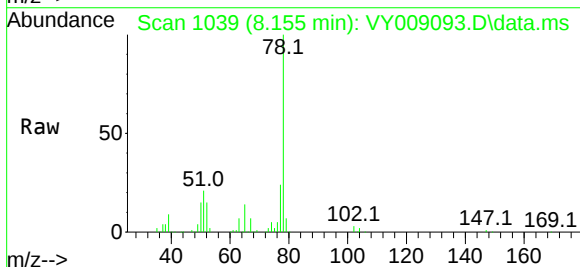
Acq: 25 May 2022 16:29

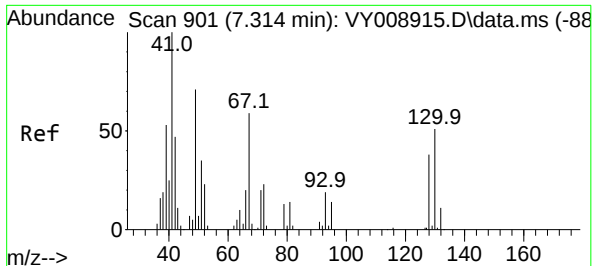
Tgt Ion: 78 Resp: 125491

Ion Ratio Lower Upper

78 100

77 24.2 20.4 30.6

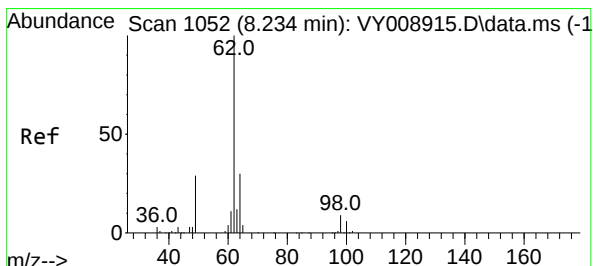
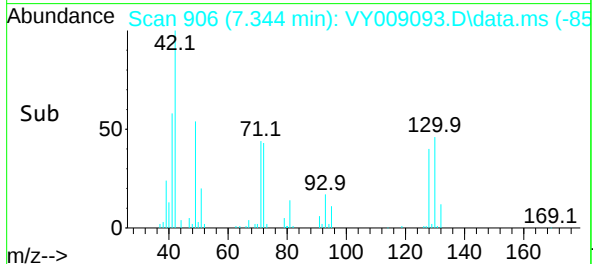
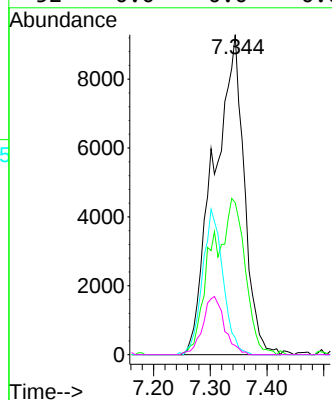
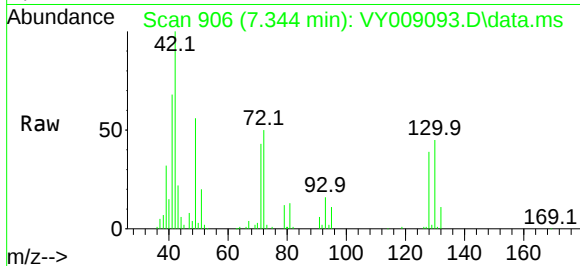




#41  
Methacrylonitrile  
Concen: 85.412 ug/l  
RT: 7.344 min Scan# 901  
Delta R.T. 0.030 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

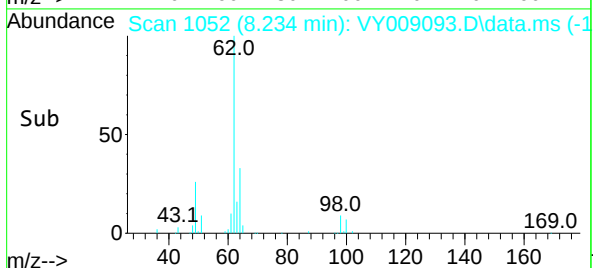
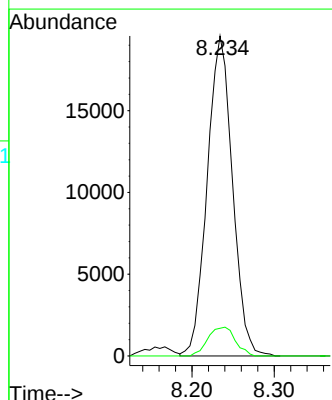
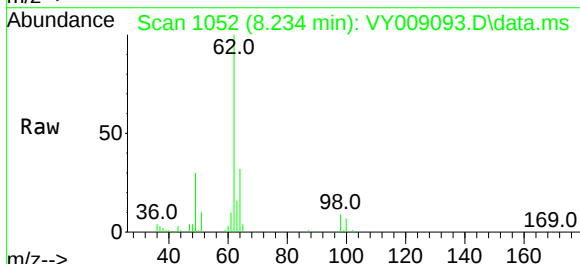
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P037-SS001-1218-01MS

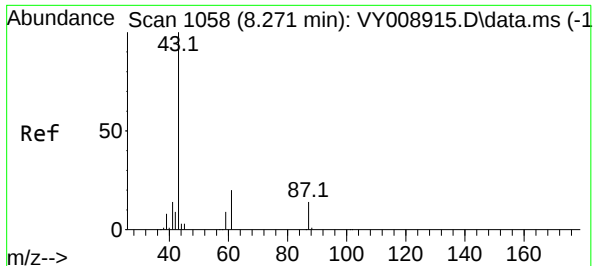
Tgt Ion: 41 Resp: 34525  
Ion Ratio Lower Upper  
41 100  
39 31.8 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 32.665 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. 0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

Tgt Ion: 62 Resp: 41767  
Ion Ratio Lower Upper  
62 100  
98 9.8 0.0 14.8

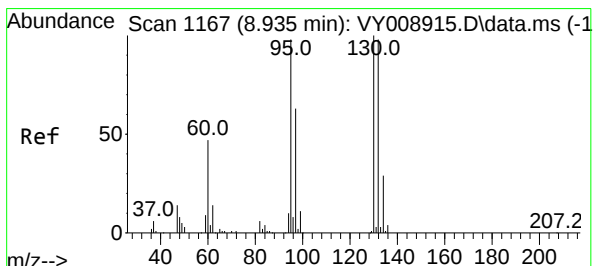
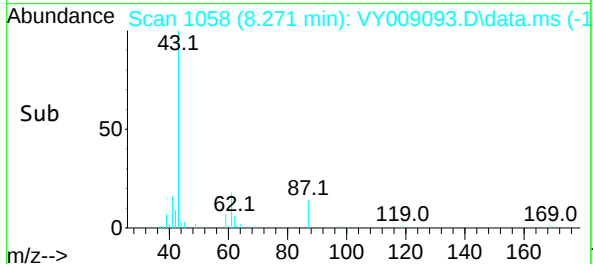
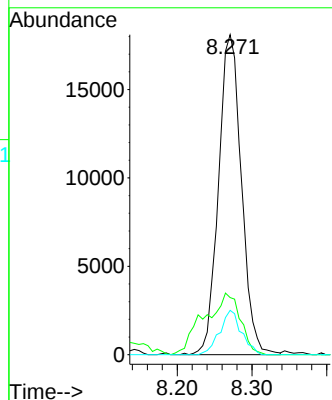
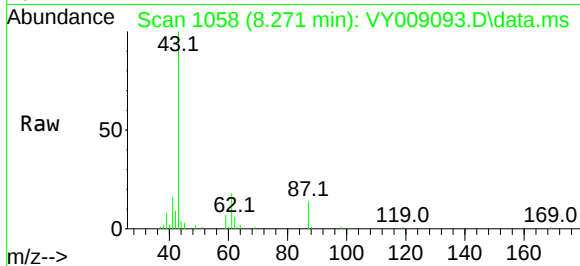




#43  
Isopropyl Acetate  
Concen: 26.527 ug/l  
RT: 8.271 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

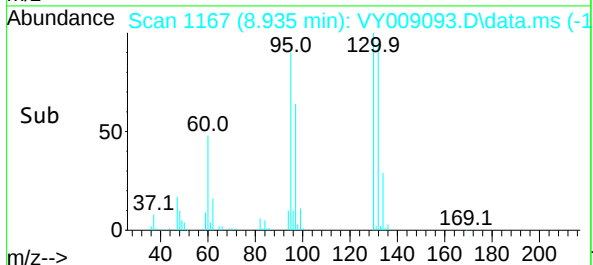
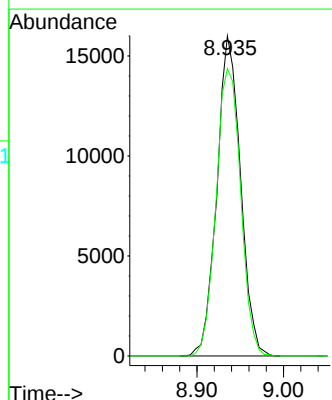
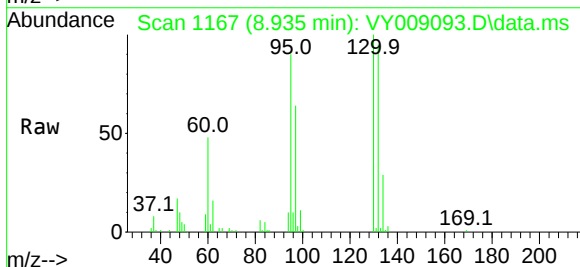
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P037-SS001-1218-01MS

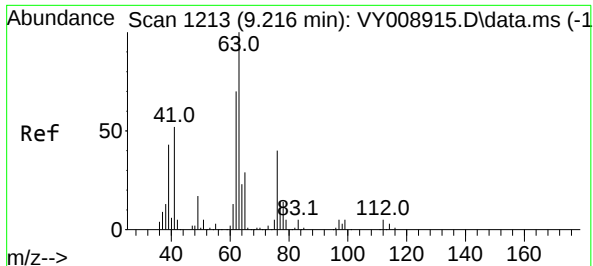
Tgt Ion: 43 Resp: 38636  
Ion Ratio Lower Upper  
43 100  
61 30.5 20.2 30.2#  
87 13.2 8.9 13.3



#44  
Trichloroethene  
Concen: 26.295 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

Tgt Ion: 130 Resp: 30318  
Ion Ratio Lower Upper  
130 100  
95 89.8 0.0 188.2





#45

1,2-Dichloropropane

Concen: 29.825 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

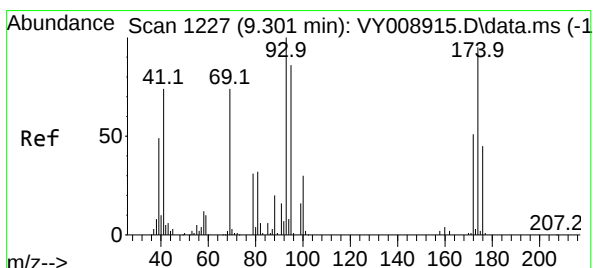
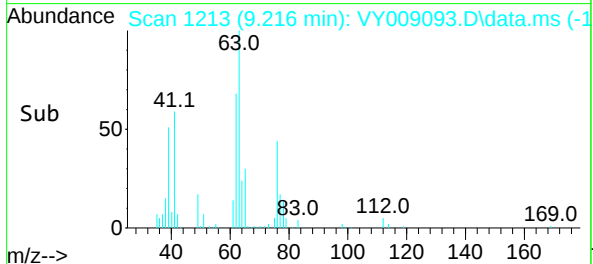
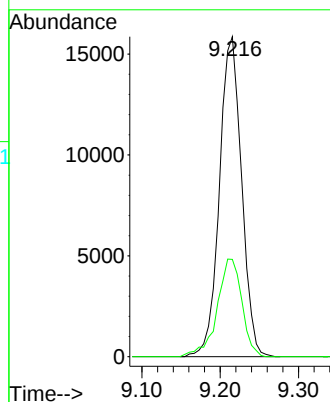
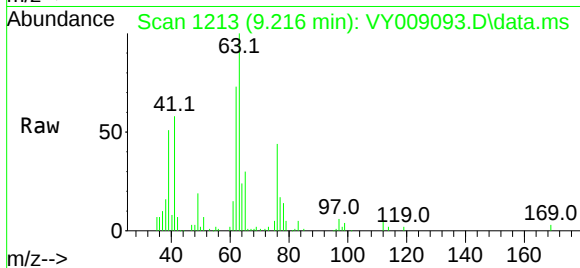
P037-SS001-1218-01MS

Tgt Ion: 63 Resp: 31184

Ion Ratio Lower Upper

63 100

65 30.4 23.0 34.6



#46

Dibromomethane

Concen: 32.173 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

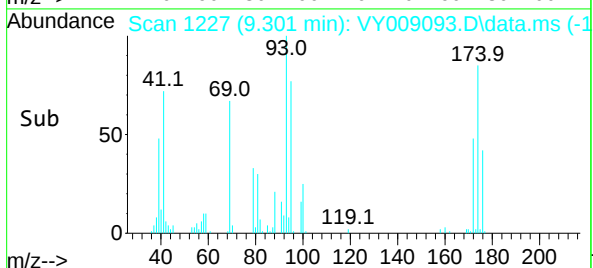
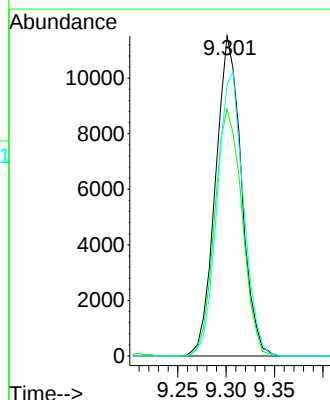
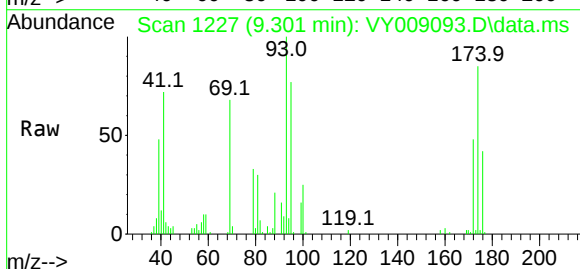
Tgt Ion: 93 Resp: 21390

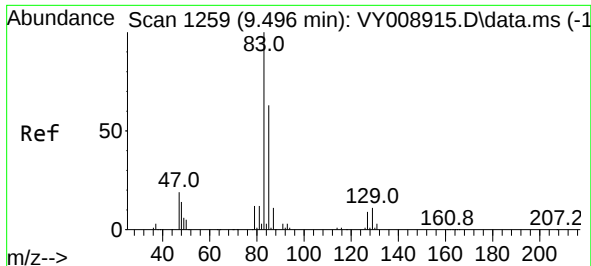
Ion Ratio Lower Upper

93 100

95 81.8 64.3 96.5

174 89.8 83.4 125.0

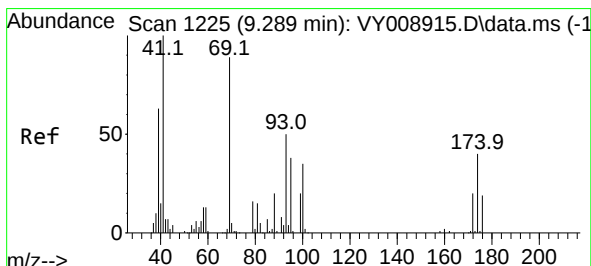
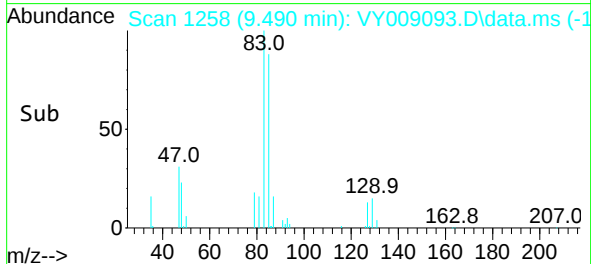
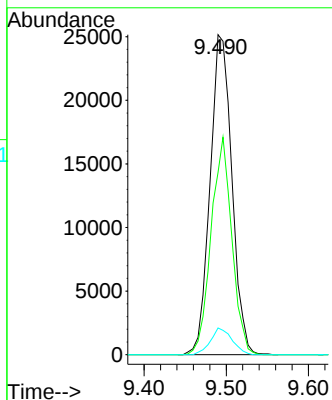
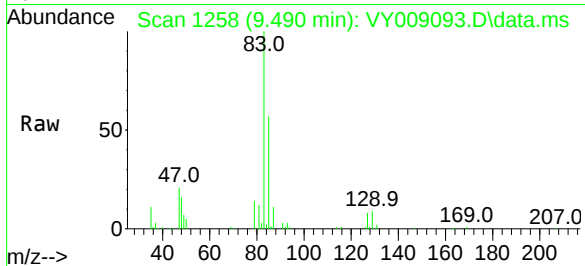




#47  
Bromodichloromethane  
Concen: 30.507 ug/l  
RT: 9.490 min Scan# 1259  
Delta R.T. -0.006 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

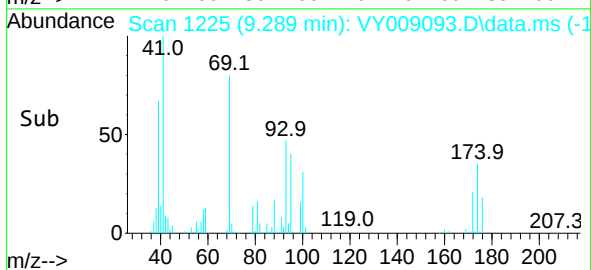
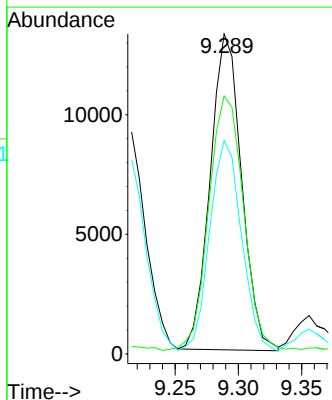
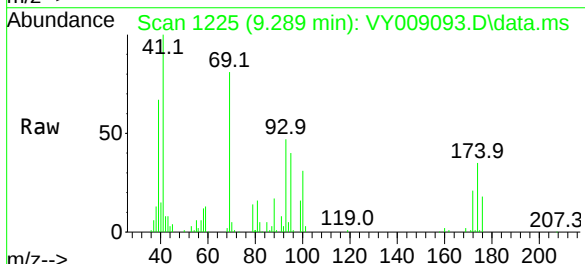
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P037-SS001-1218-01MS

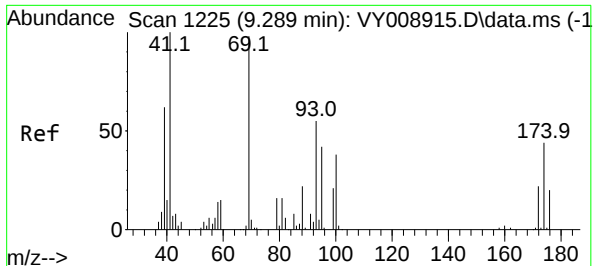
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 46353 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 57.0  | 51.9  | 77.9  |
| 127      | 8.3   | 6.6   | 10.0  |



#48  
Methyl methacrylate  
Concen: 34.945 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 22727 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 89.7  | 58.2  | 87.2# |
| 39       | 70.0  | 47.4  | 71.0  |





#49

1,4-Dioxane

Concen: 631.796 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.012 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

P037-SS001-1218-01MS

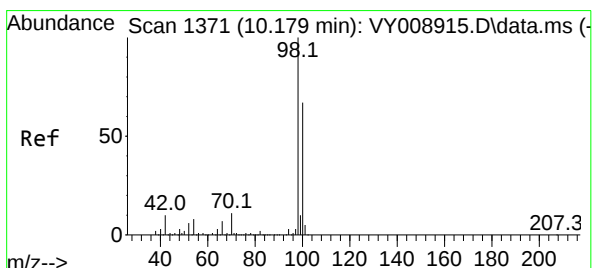
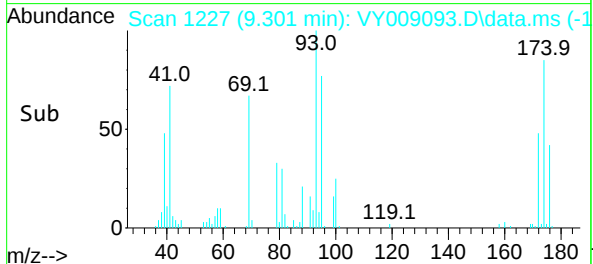
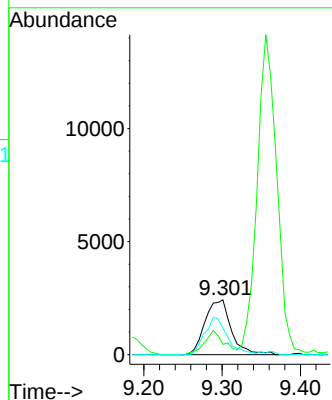
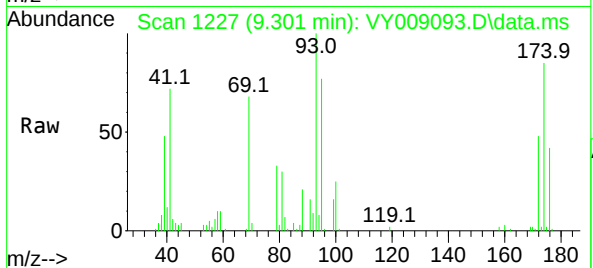
Tgt Ion: 88 Resp: 5615

Ion Ratio Lower Upper

88 100

43 33.5 32.8 49.2

58 58.8 59.8 89.6#



#50

Toluene-d8

Concen: 29.739 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009093.D

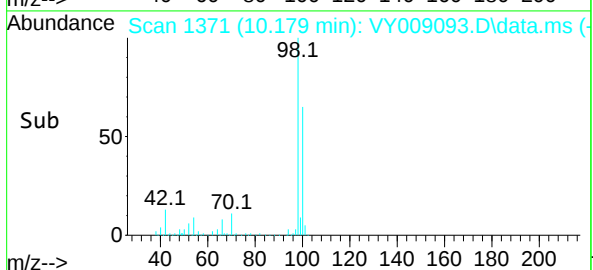
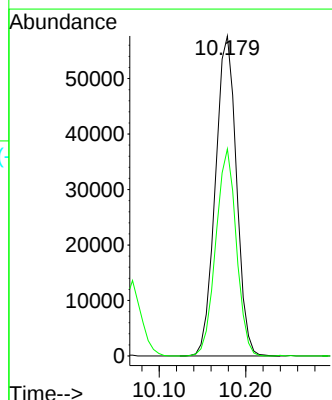
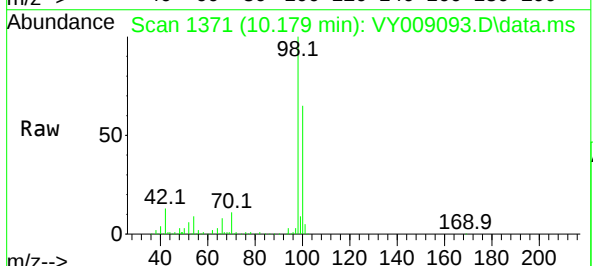
Acq: 25 May 2022 16:29

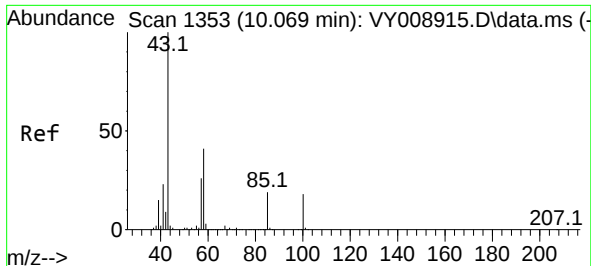
Tgt Ion: 98 Resp: 97351

Ion Ratio Lower Upper

98 100

100 63.1 50.2 75.2

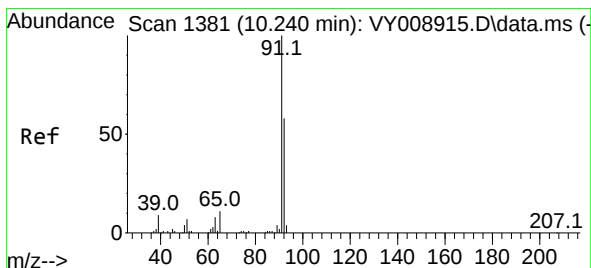
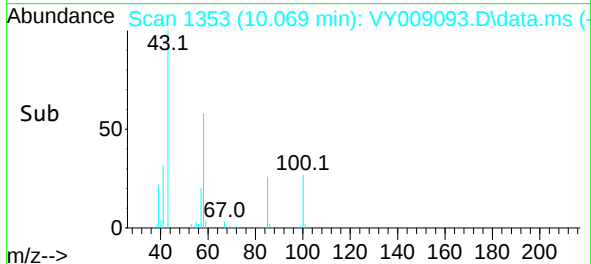
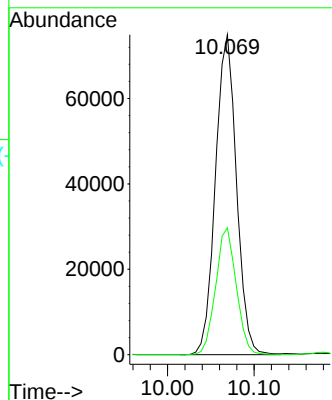
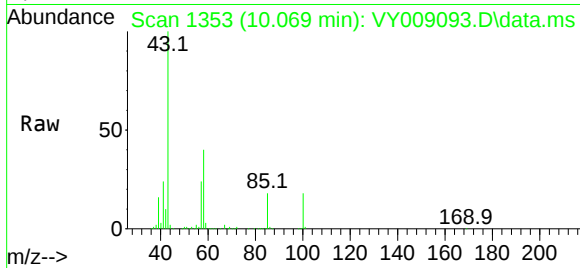




#51  
4-Methyl-2-Pentanone  
Concen: 156.821 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

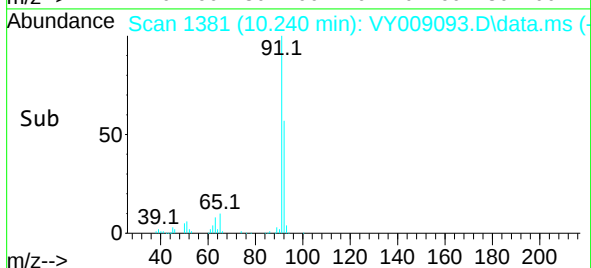
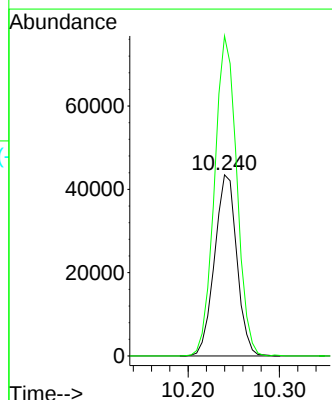
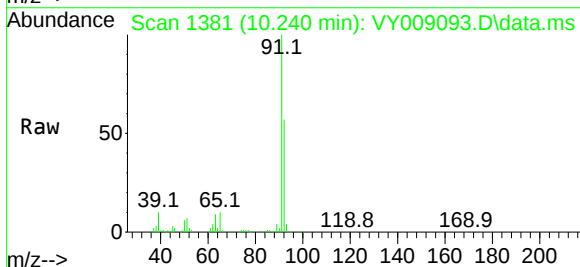
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P037-SS001-1218-01MS

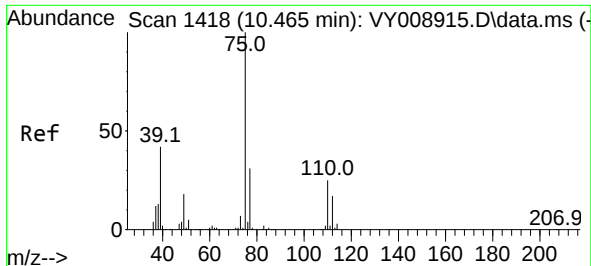
Tgt Ion: 43 Resp: 126410  
Ion Ratio Lower Upper  
43 100  
58 38.9 28.1 42.1



#52  
Toluene  
Concen: 24.202 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

Tgt Ion: 92 Resp: 73648  
Ion Ratio Lower Upper  
92 100  
91 176.6 142.6 213.8

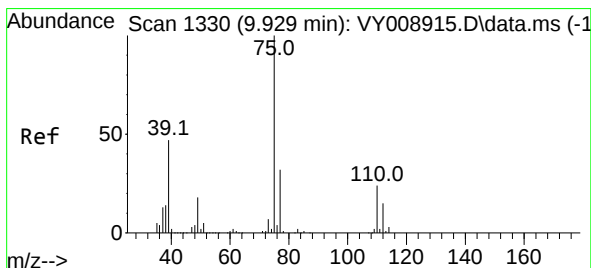
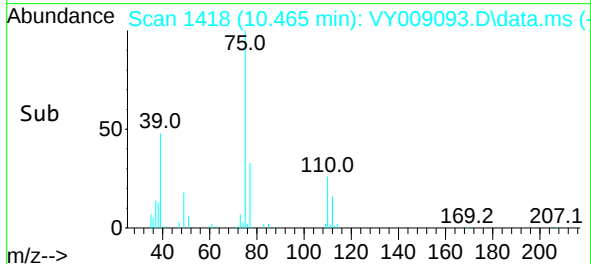
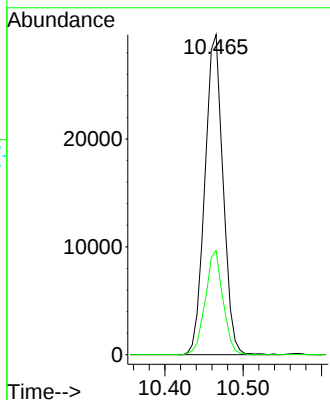
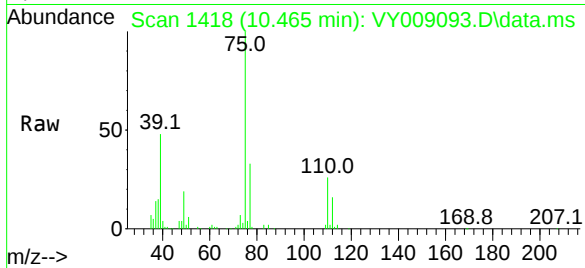




#53  
t-1,3-Dichloropropene  
Concen: 29.576 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

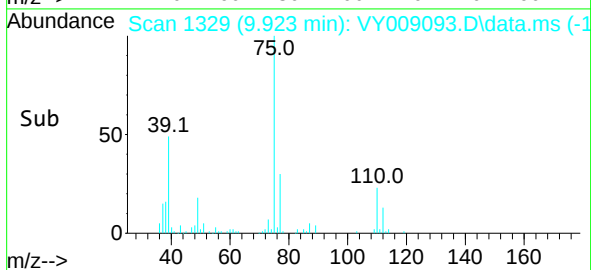
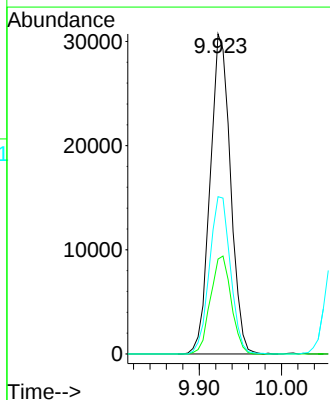
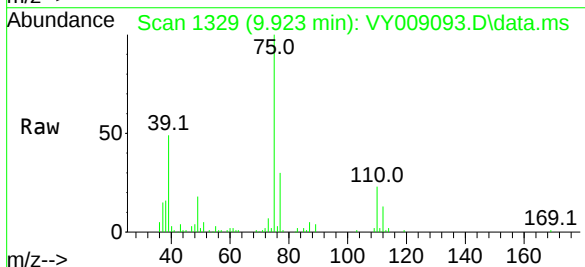
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P037-SS001-1218-01MS

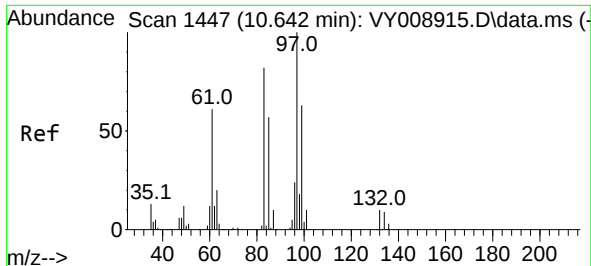
Tgt Ion: 75 Resp: 47721  
Ion Ratio Lower Upper  
75 100  
77 32.5 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 30.388 ug/l  
RT: 9.923 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

Tgt Ion: 75 Resp: 52710  
Ion Ratio Lower Upper  
75 100  
77 29.7 25.6 38.4  
39 49.2 47.6 71.4

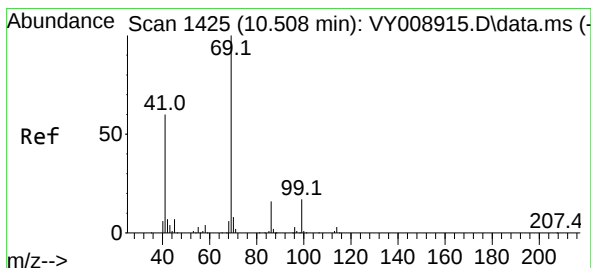
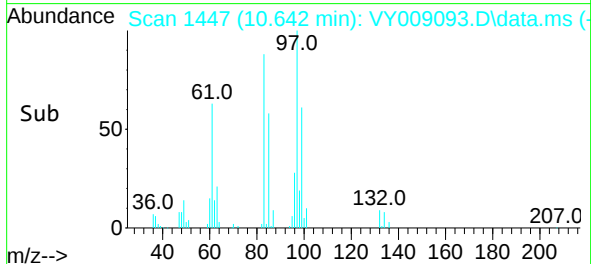
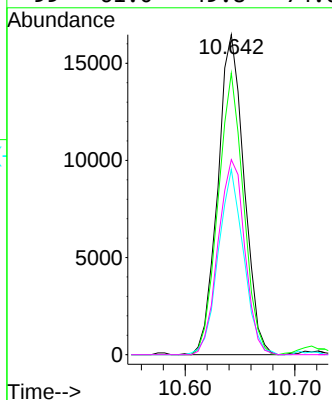
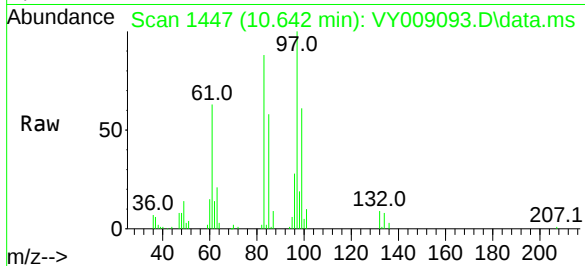




#55  
1,1,2-Trichloroethane  
Concen: 29.491 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

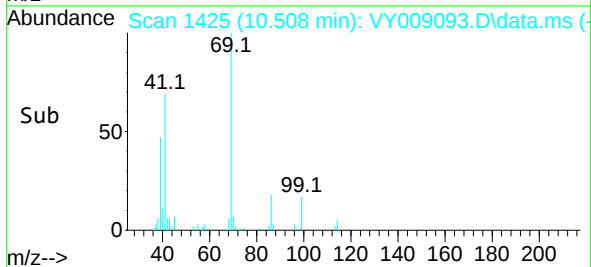
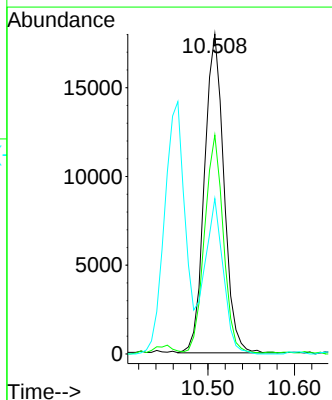
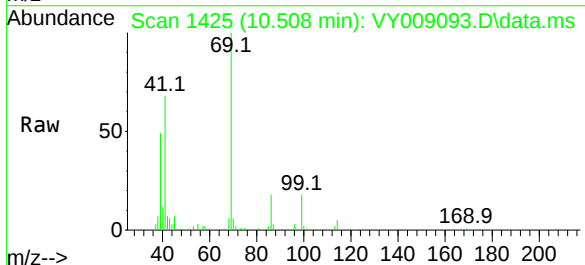
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P037-SS001-1218-01MS

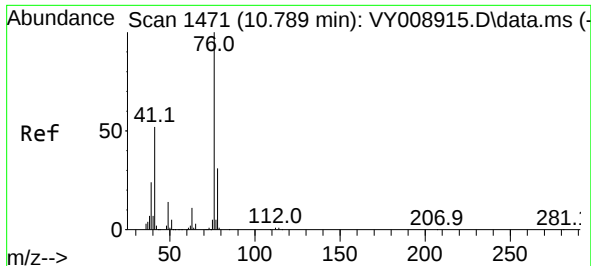
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 27431 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 88.0  | 69.8  | 104.8 |
| 85       | 57.9  | 44.3  | 66.5  |
| 99       | 61.0  | 49.8  | 74.6  |



#56  
Ethyl methacrylate  
Concen: 23.530 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 27981 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 66.2  | 63.4  | 95.0  |
| 39       | 46.6  | 35.8  | 53.8  |





#57

1,3-Dichloropropane

Concen: 30.823 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY009093.D

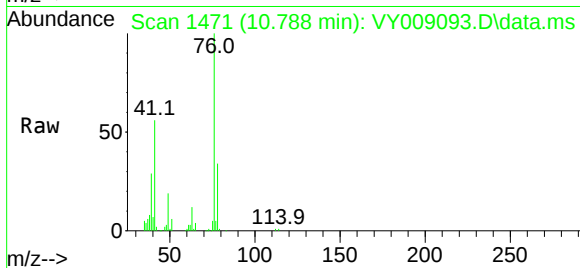
Acq: 25 May 2022 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

P037-SS001-1218-01MS

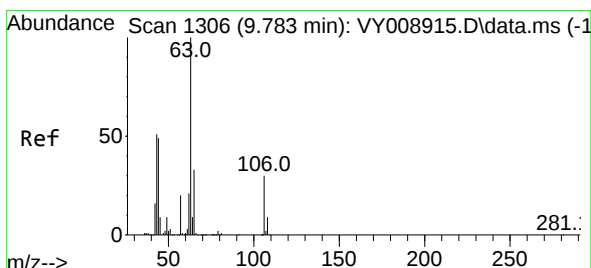
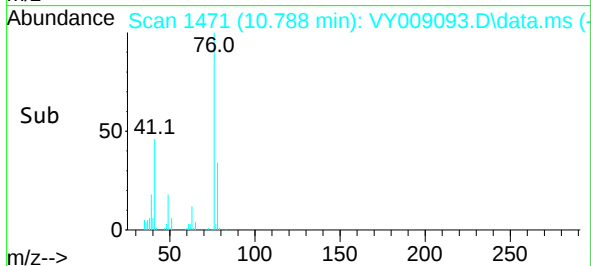
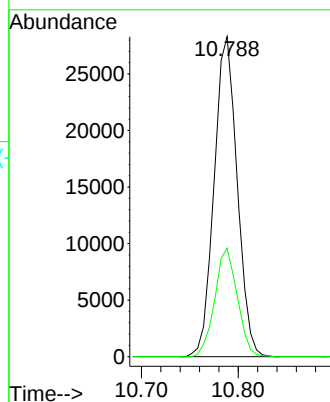


Tgt Ion: 76 Resp: 46767

Ion Ratio Lower Upper

76 100

78 33.2 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 179.898 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY009093.D

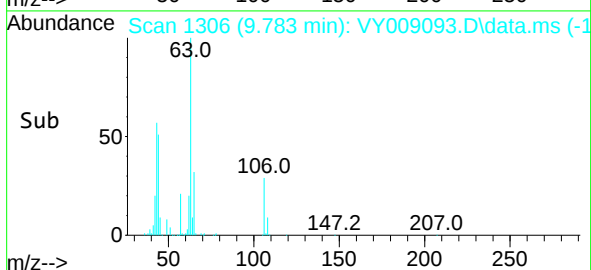
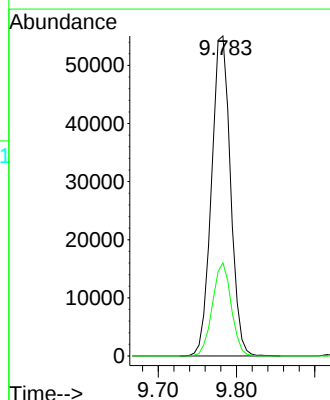
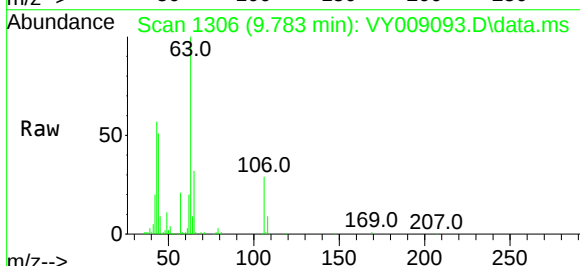
Acq: 25 May 2022 16:29

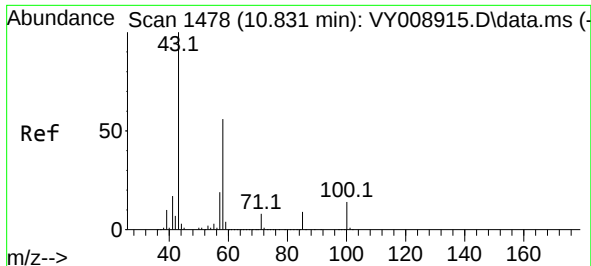
Tgt Ion: 63 Resp: 92553

Ion Ratio Lower Upper

63 100

106 28.9 21.5 32.3





#59

2-Hexanone

Concen: 164.597 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

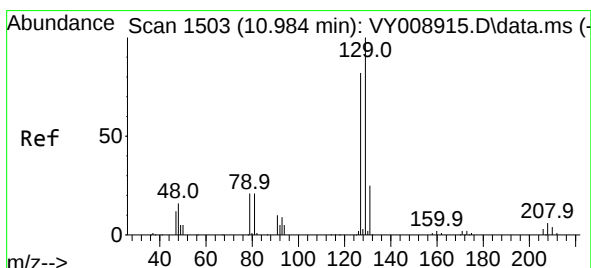
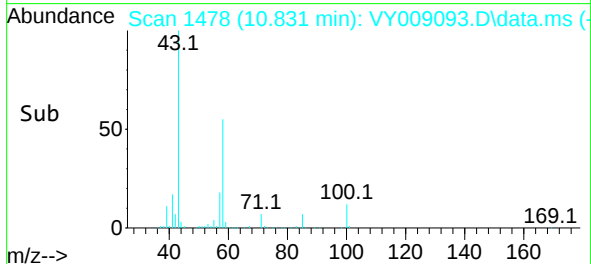
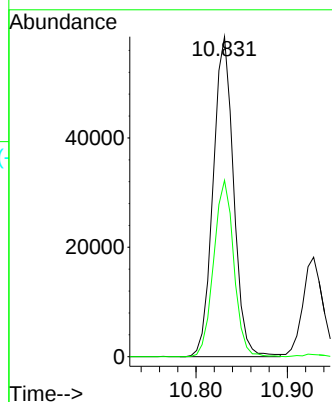
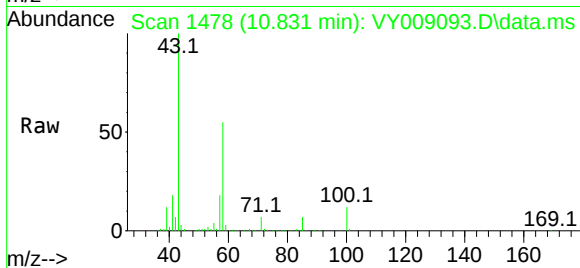
P037-SS001-1218-01MS

Tgt Ion: 43 Resp: 90841

Ion Ratio Lower Upper

43 100

58 54.3 24.4 73.4



#60

Dibromochloromethane

Concen: 28.564 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY009093.D

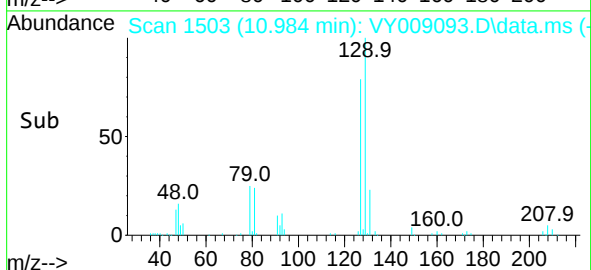
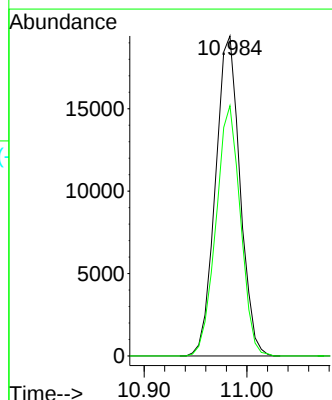
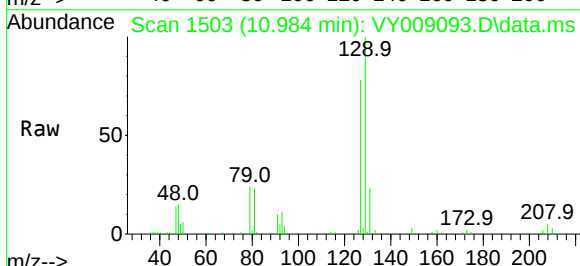
Acq: 25 May 2022 16:29

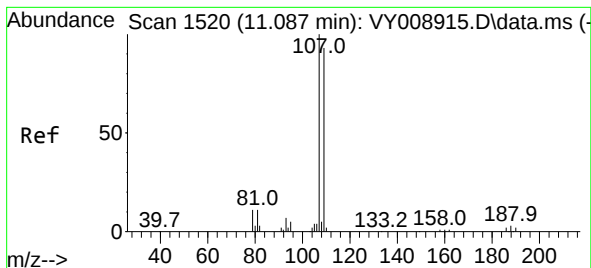
Tgt Ion:129 Resp: 32207

Ion Ratio Lower Upper

129 100

127 77.7 38.7 116.1





#61

1,2-Dibromoethane

Concen: 28.959 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

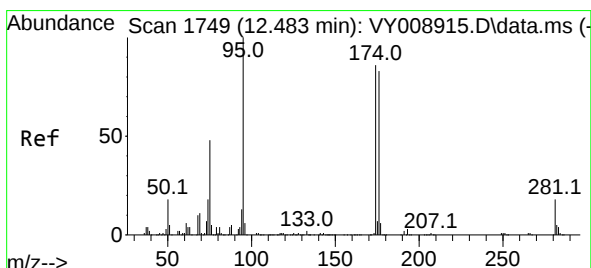
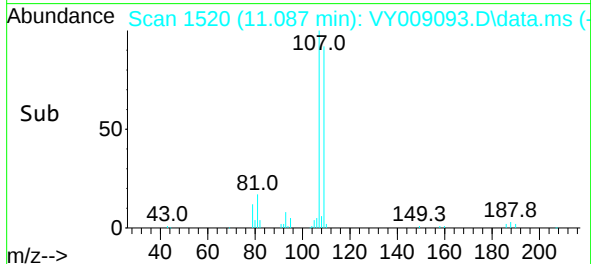
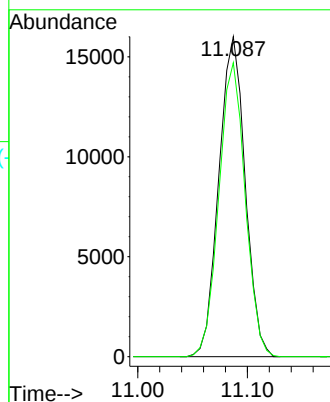
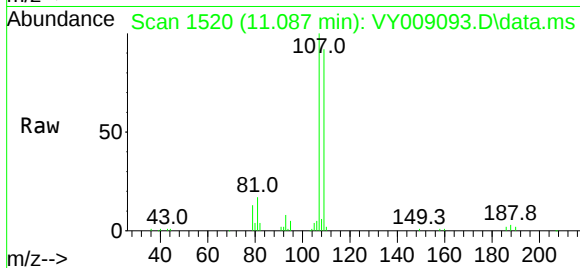
P037-SS001-1218-01MS

Tgt Ion:107 Resp: 26692

Ion Ratio Lower Upper

107 100

109 91.8 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 30.642 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

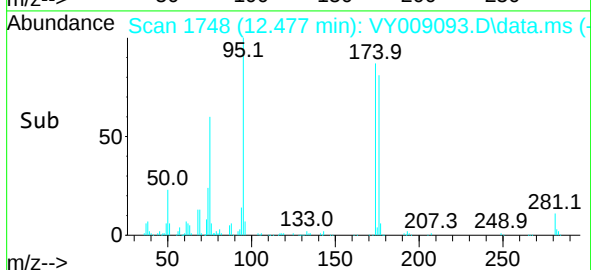
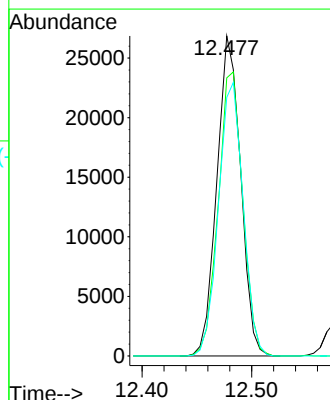
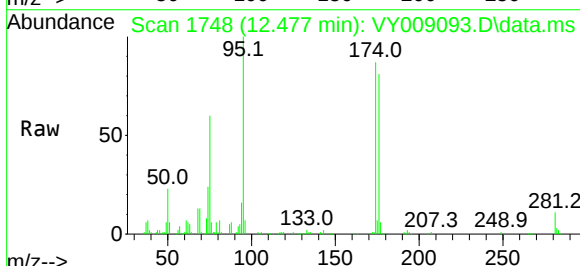
Tgt Ion: 95 Resp: 40463

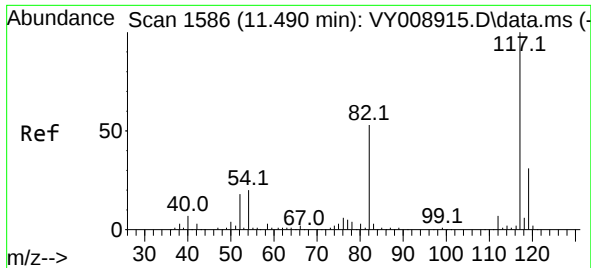
Ion Ratio Lower Upper

95 100

174 91.4 0.0 177.0

176 88.4 0.0 175.8

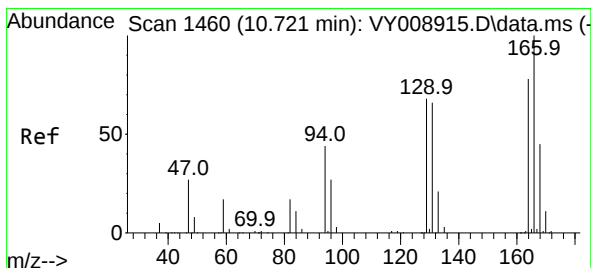
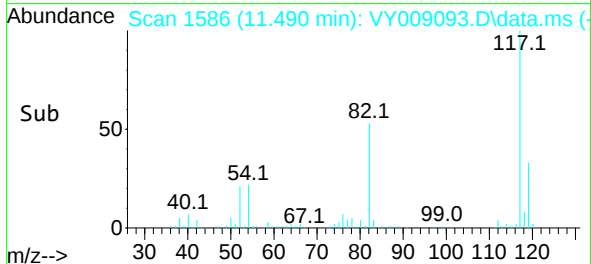
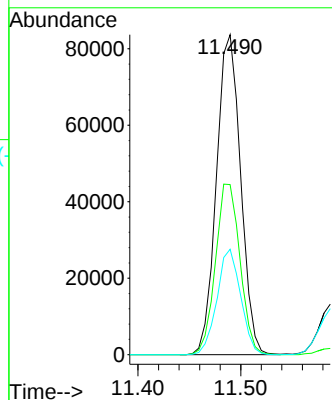
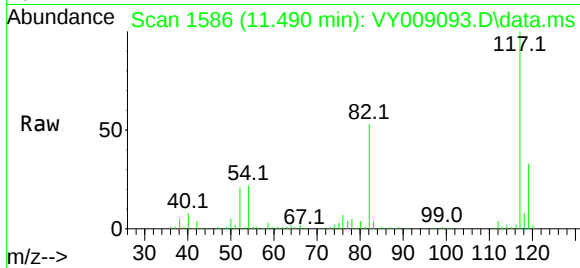




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

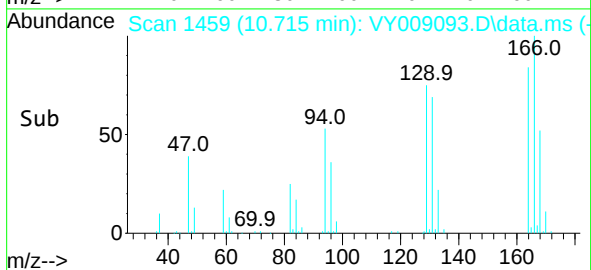
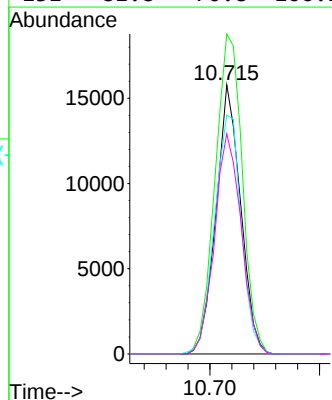
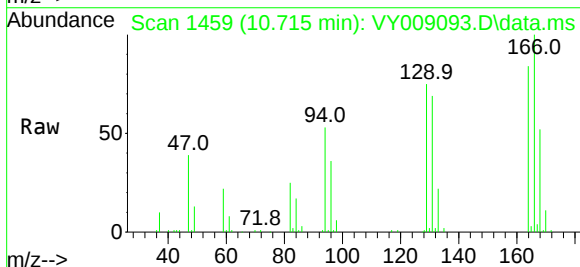
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P037-SS001-1218-01MS

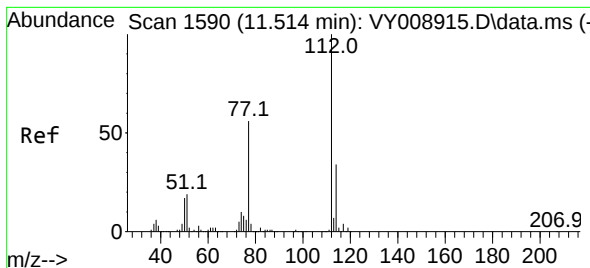
Tgt Ion:117 Resp: 136883  
Ion Ratio Lower Upper  
117 100  
82 53.1 43.0 64.4  
119 33.0 25.4 38.0



#64  
Tetrachloroethene  
Concen: 24.798 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. -0.006 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

Tgt Ion:164 Resp: 24707  
Ion Ratio Lower Upper  
164 100  
166 118.9 100.4 150.6  
129 88.7 71.4 107.0  
131 81.8 70.8 106.2





#65

Chlorobenzene

Concen: 24.427 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

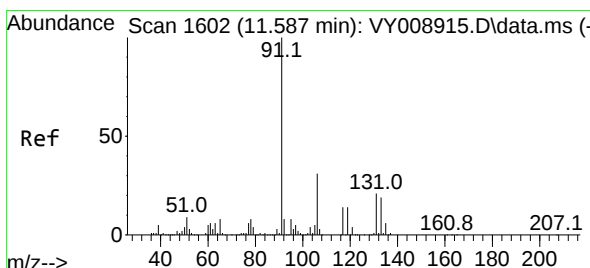
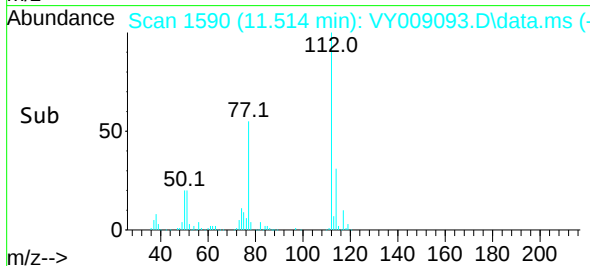
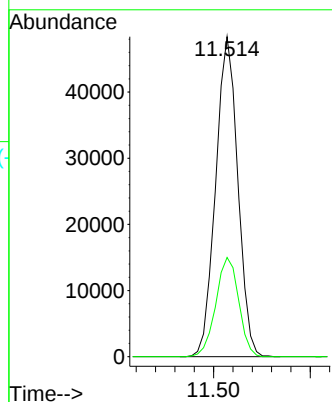
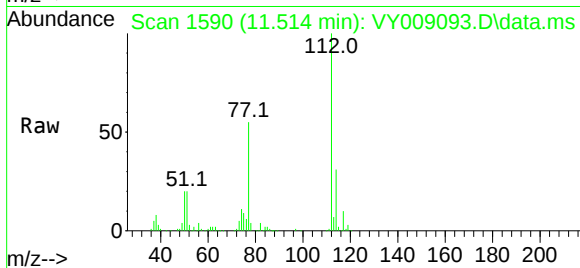
P037-SS001-1218-01MS

Tgt Ion:112 Resp: 76743

Ion Ratio Lower Upper

112 100

114 31.0 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 25.870 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

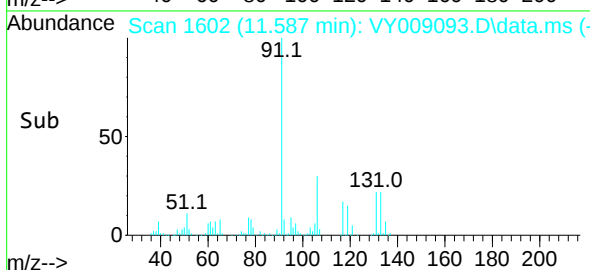
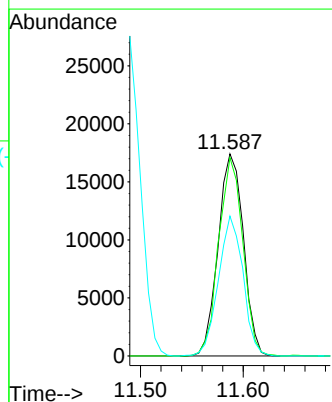
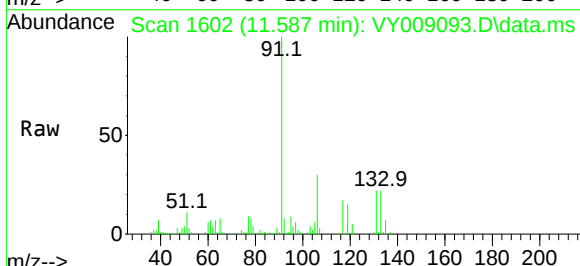
Tgt Ion:131 Resp: 29761

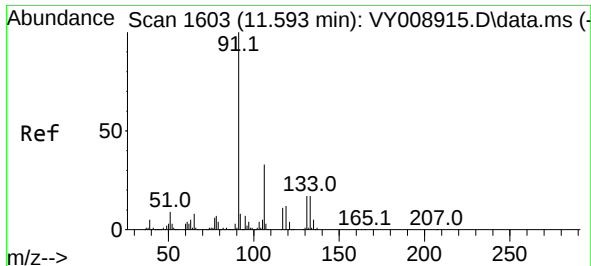
Ion Ratio Lower Upper

131 100

133 93.9 47.9 143.6

119 67.2 30.8 92.3





#67

Ethyl Benzene

Concen: 22.524 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

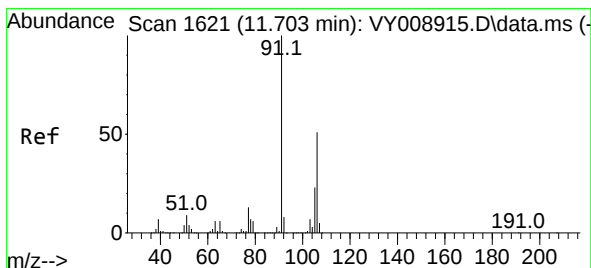
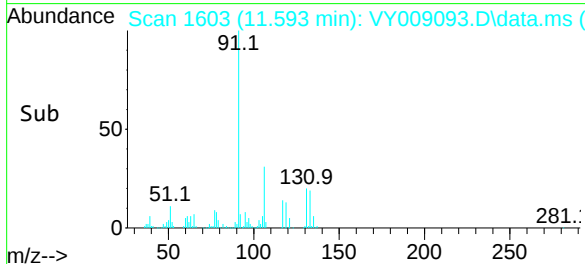
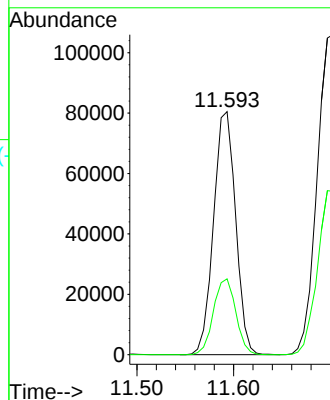
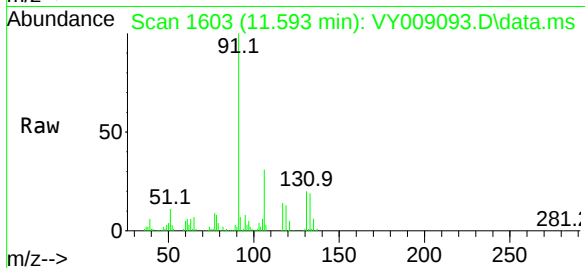
P037-SS001-1218-01MS

Tgt Ion: 91 Resp: 127529

Ion Ratio Lower Upper

91 100

106 31.2 24.5 36.7



#68

m/p-Xylenes

Concen: 44.002 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY009093.D

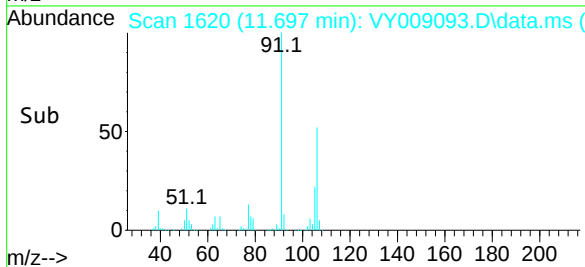
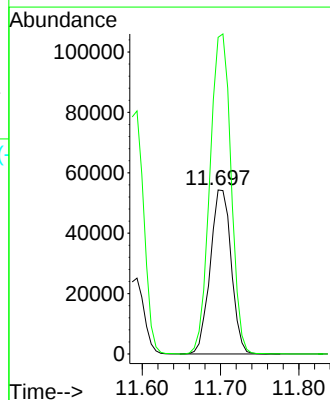
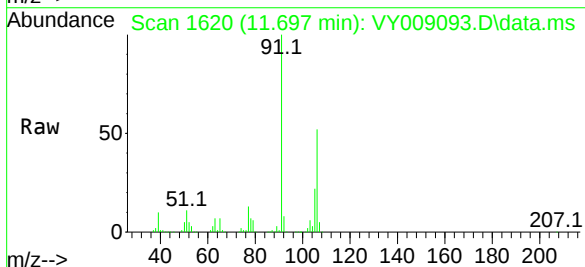
Acq: 25 May 2022 16:29

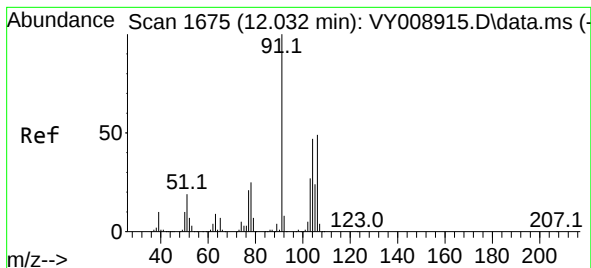
Tgt Ion: 106 Resp: 101137

Ion Ratio Lower Upper

106 100

91 196.2 166.6 249.8





#69

o-Xylene

Concen: 22.783 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.006 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

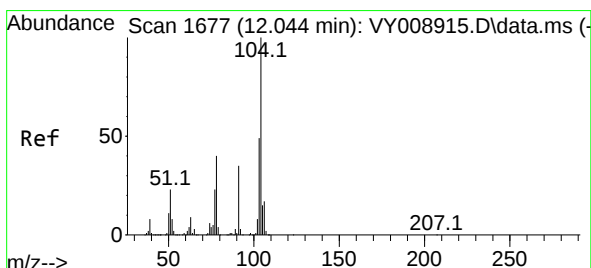
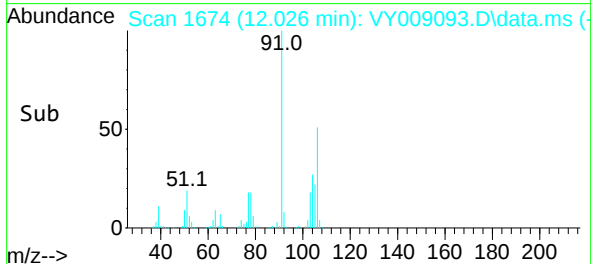
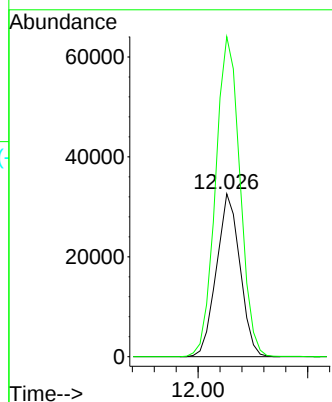
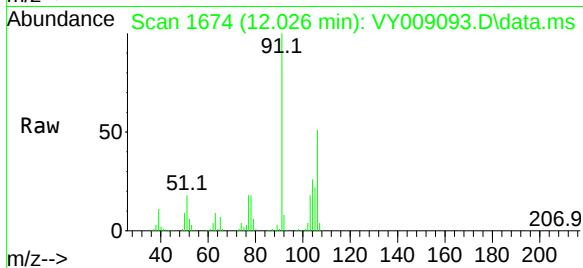
P037-SS001-1218-01MS

Tgt Ion:106 Resp: 48629

Ion Ratio Lower Upper

106 100

91 204.3 110.3 331.0



#70

Styrene

Concen: 23.347 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

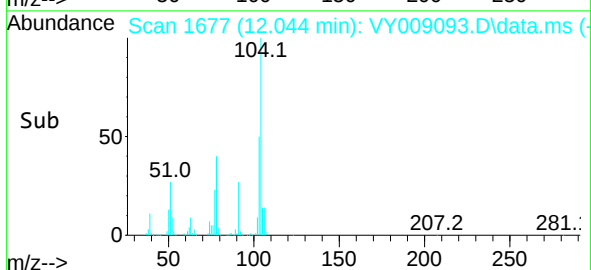
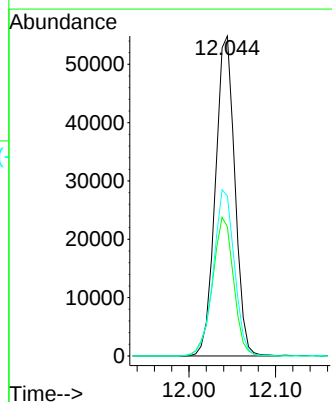
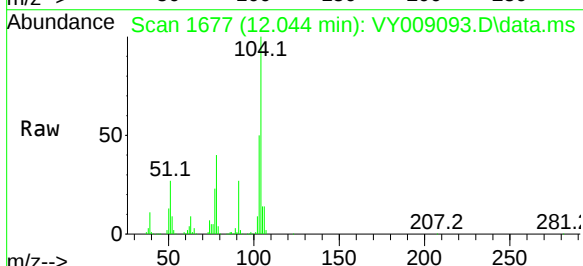
Tgt Ion:104 Resp: 85696

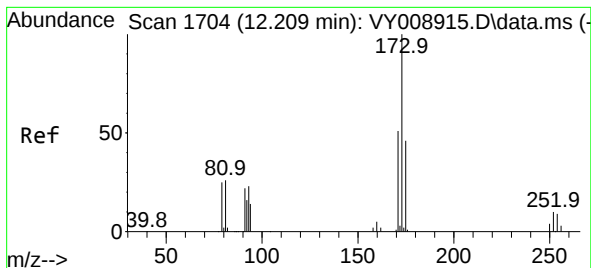
Ion Ratio Lower Upper

104 100

78 46.9 42.4 63.6

103 55.9 44.4 66.6





#71

Bromoform

Concen: 25.708 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

P037-SS001-1218-01MS

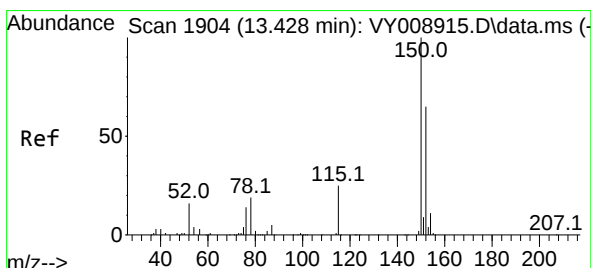
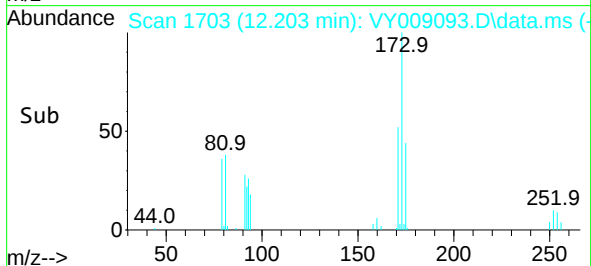
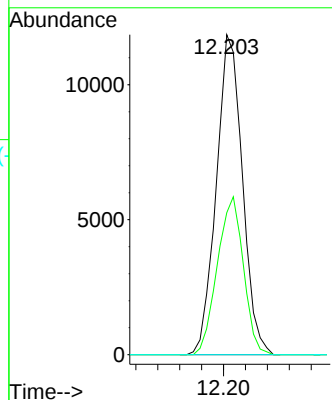
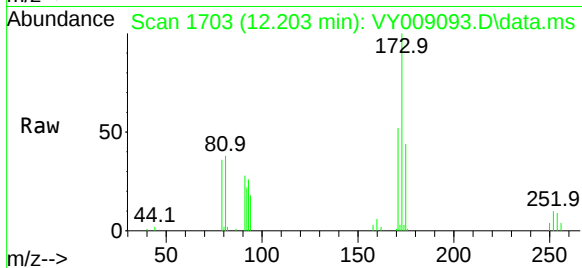
Tgt Ion:173 Resp: 19605

Ion Ratio Lower Upper

173 100

175 49.2 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

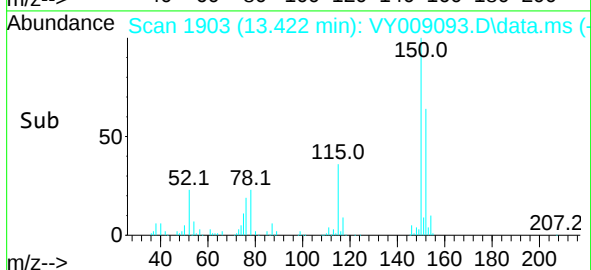
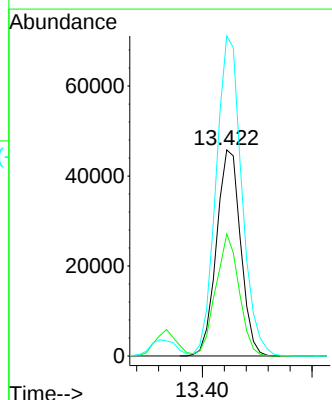
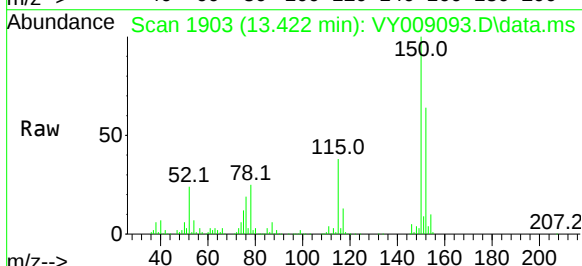
Tgt Ion:152 Resp: 70053

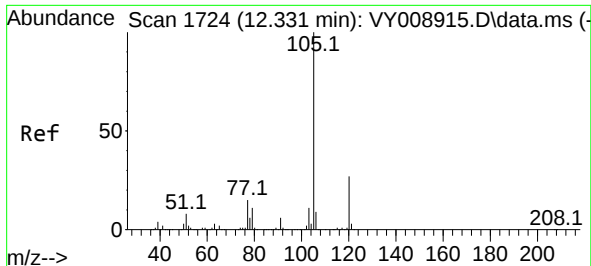
Ion Ratio Lower Upper

152 100

115 57.0 28.2 84.7

150 165.5 0.0 347.6

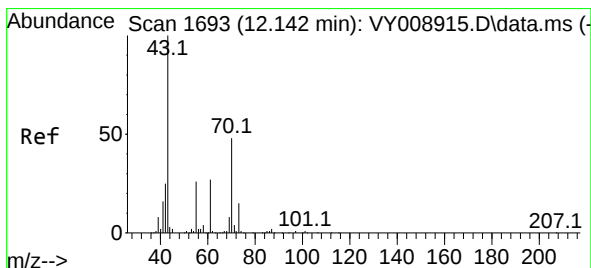
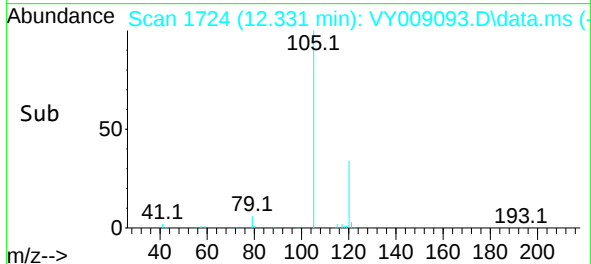
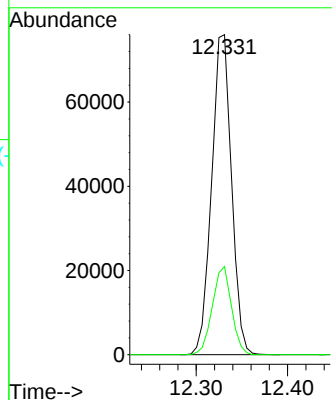
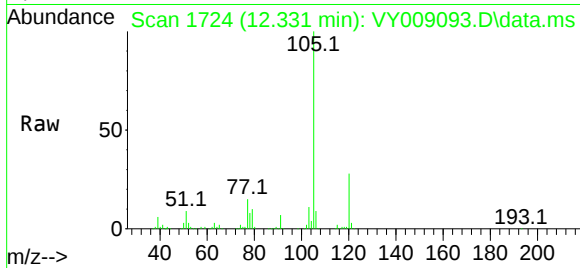




#73  
Isopropylbenzene  
Concen: 21.905 ug/l  
RT: 12.331 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

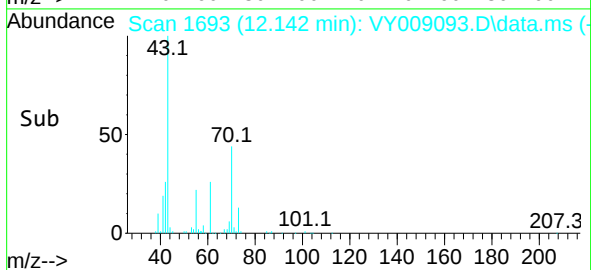
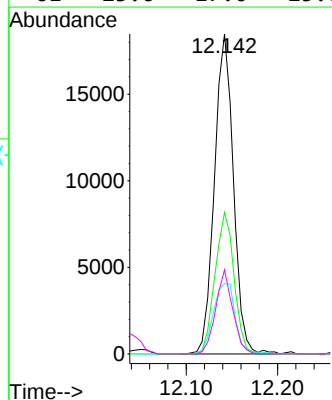
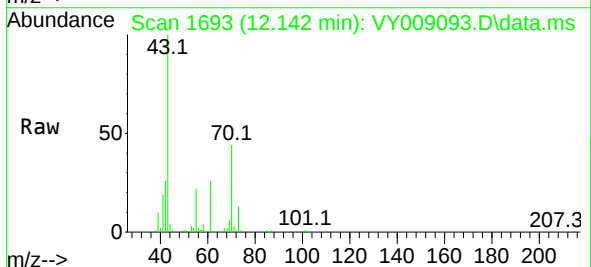
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P037-SS001-1218-01MS

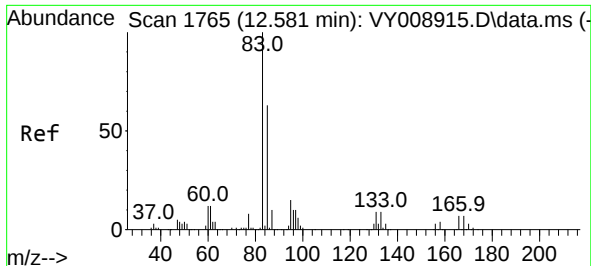
Tgt Ion:105 Resp: 114743  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.4 40.2



#74  
N-ethyl acetate  
Concen: 22.047 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

Tgt Ion: 43 Resp: 26645  
Ion Ratio Lower Upper  
43 100  
70 44.4 28.7 43.1#  
55 25.6 17.3 25.9  
61 23.6 17.0 25.6

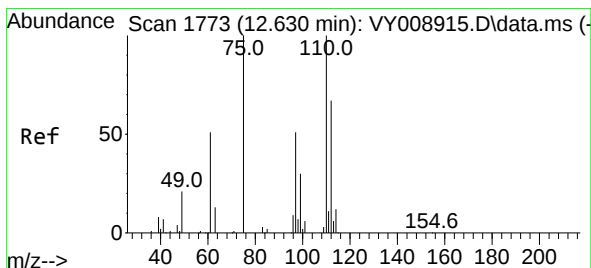
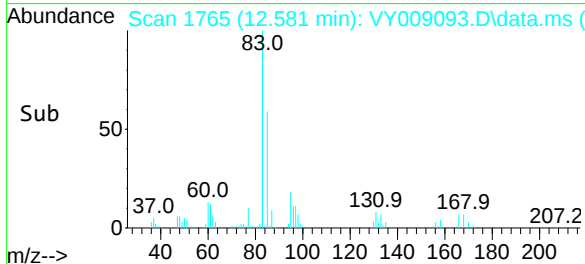
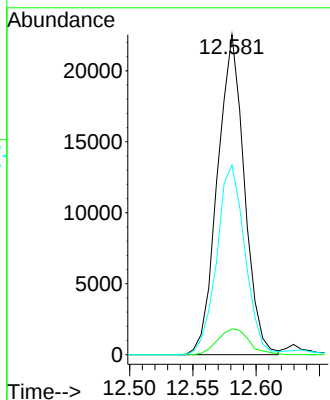
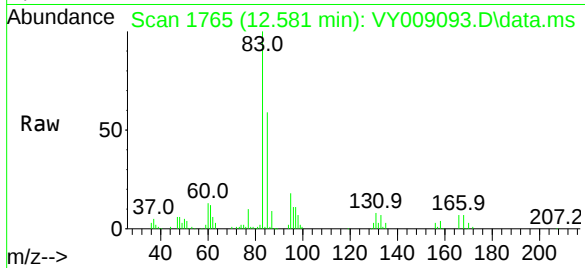




#75  
1,1,2,2-Tetrachloroethane  
Concen: 30.820 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

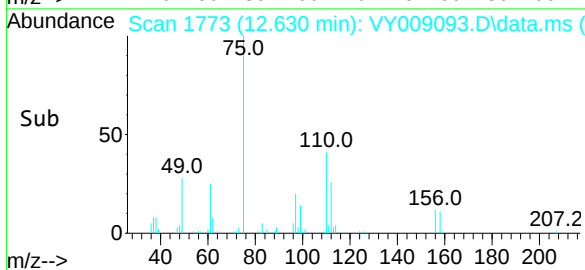
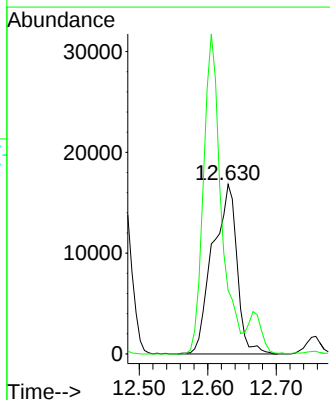
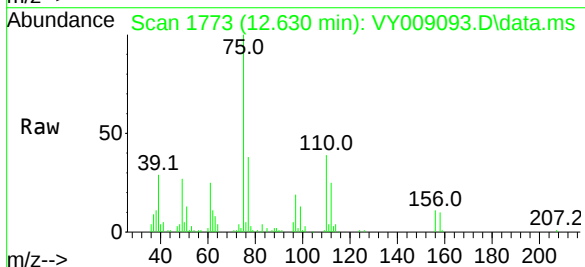
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P037-SS001-1218-01MS

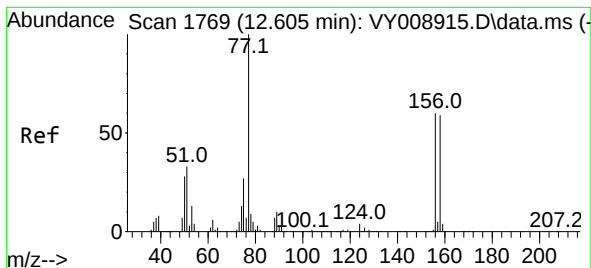
Tgt Ion: 83 Resp: 33256  
Ion Ratio Lower Upper  
83 100  
131 9.5 5.6 16.8  
85 62.2 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 55.156 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

Tgt Ion: 75 Resp: 41493  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 25.143 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

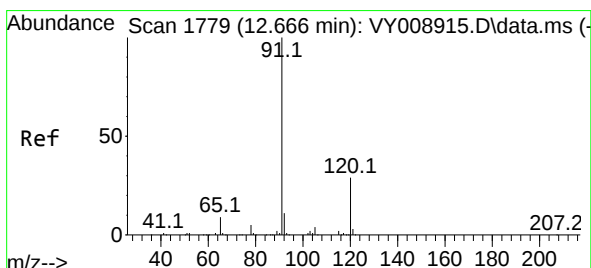
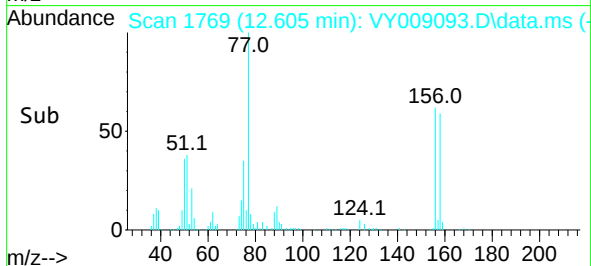
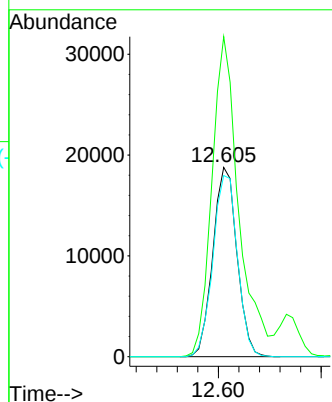
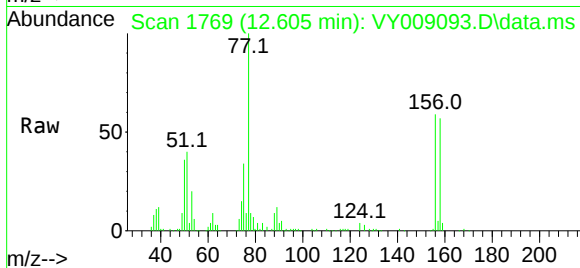
Instrument :

MSVOA\_Y

ClientSampleId :

P037-SS001-1218-01MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 30530 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 186.7 | 95.5  | 286.4 |
| 158       | 97.7  | 48.0  | 144.0 |



#78

n-propylbenzene

Concen: 23.379 ug/l

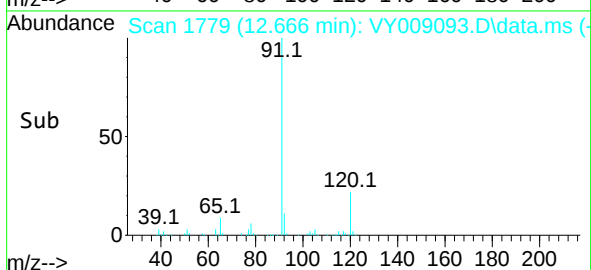
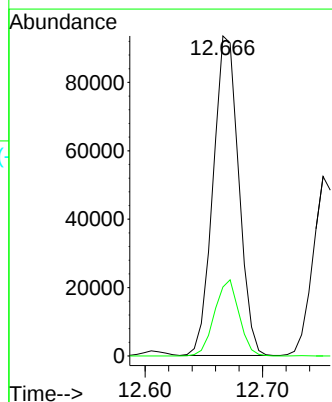
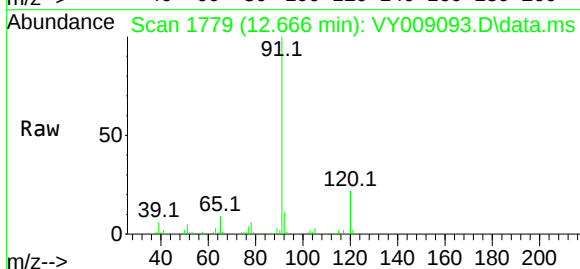
RT: 12.666 min Scan# 1779

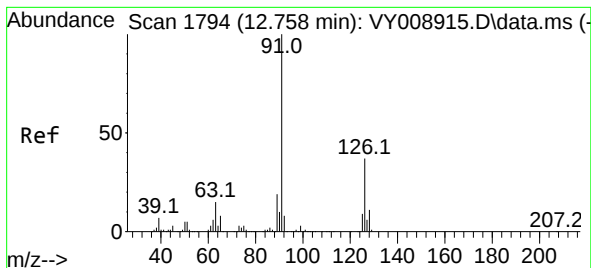
Delta R.T. 0.000 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 141488 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.7  | 11.3  | 33.9   |





#79

2-Chlorotoluene

Concen: 22.917 ug/l

RT: 12.752 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

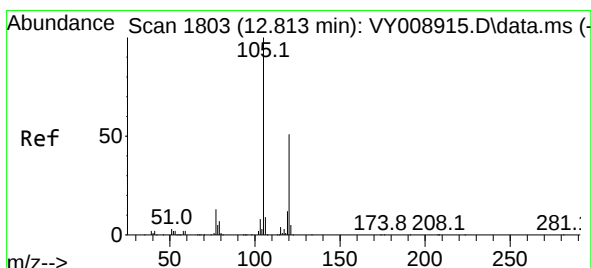
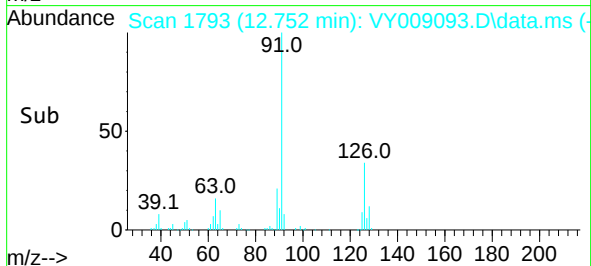
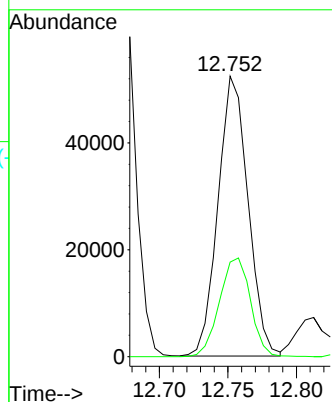
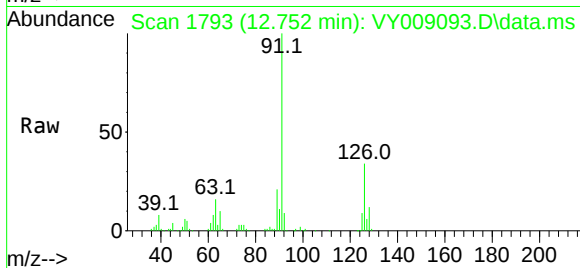
P037-SS001-1218-01MS

Tgt Ion: 91 Resp: 80001

Ion Ratio Lower Upper

91 100

126 36.5 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 22.128 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. -0.001 min

Lab File: VY009093.D

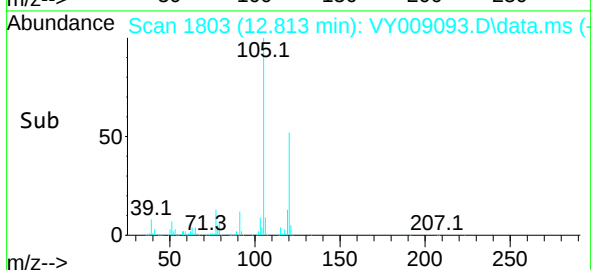
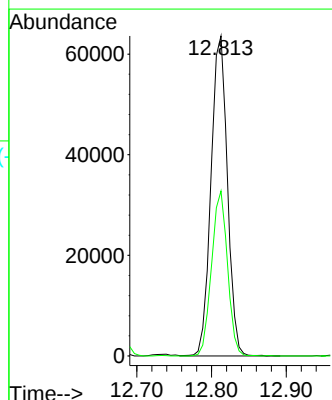
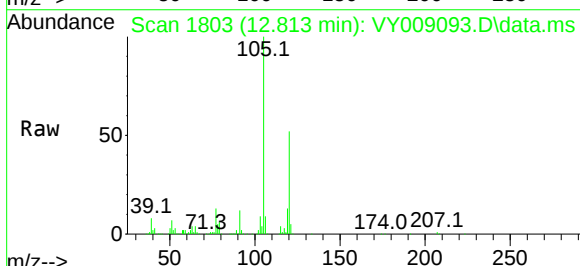
Acq: 25 May 2022 16:29

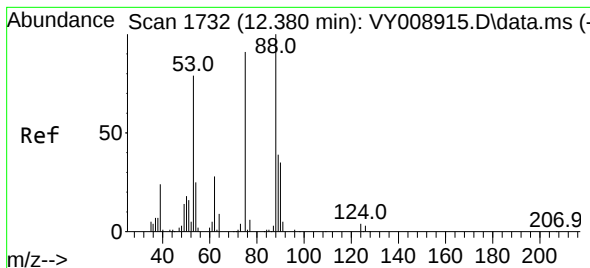
Tgt Ion: 105 Resp: 97154

Ion Ratio Lower Upper

105 100

120 50.0 24.4 73.4

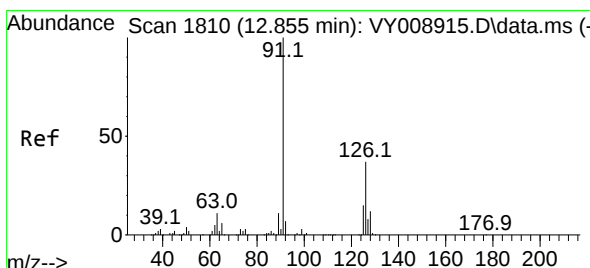
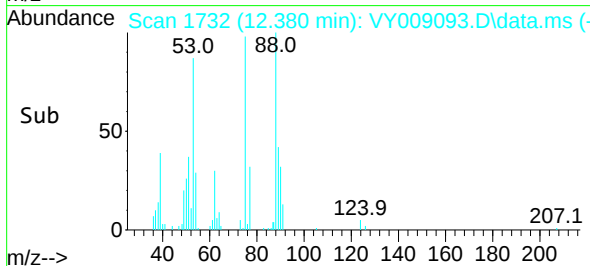
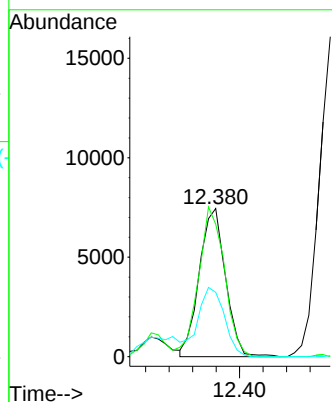
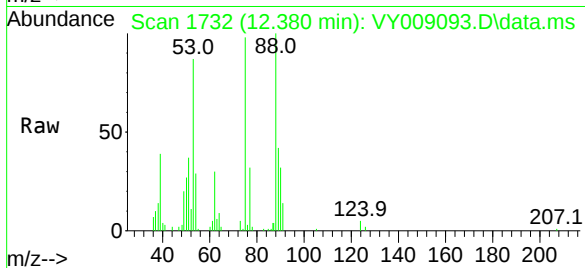




#81  
trans-1,4-Dichloro-2-butene  
Concen: 31.559 ug/l  
RT: 12.380 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

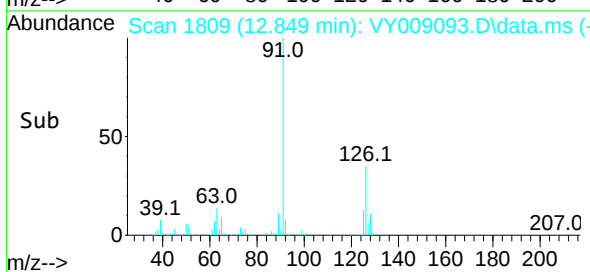
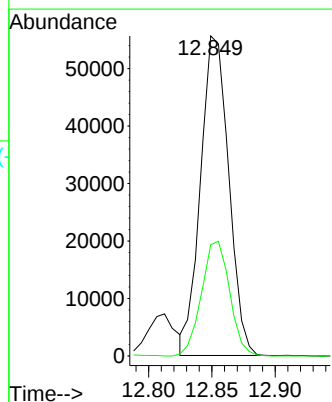
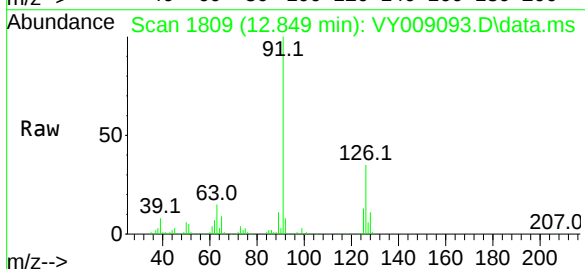
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P037-SS001-1218-01MS

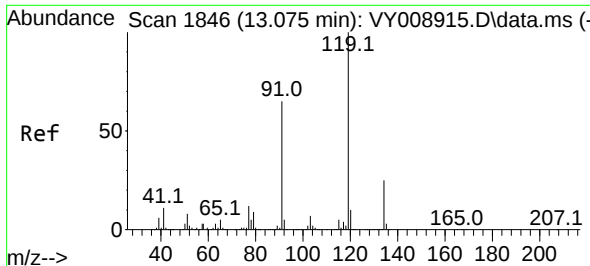
Tgt Ion: 75 Resp: 11567  
Ion Ratio Lower Upper  
75 100  
53 100.1 85.3 127.9  
89 47.6 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 23.084 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

Tgt Ion: 91 Resp: 86191  
Ion Ratio Lower Upper  
91 100  
126 35.9 17.0 51.0

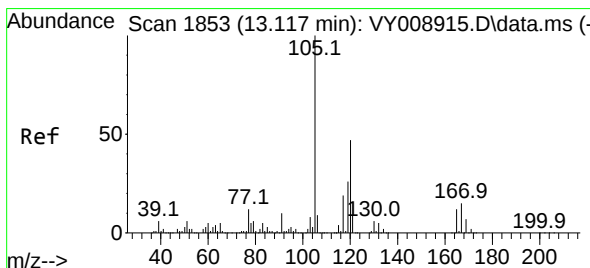
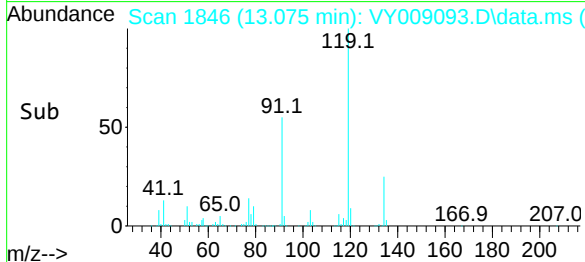
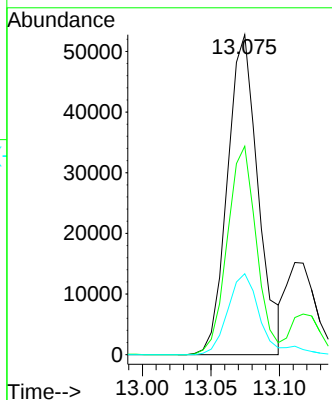
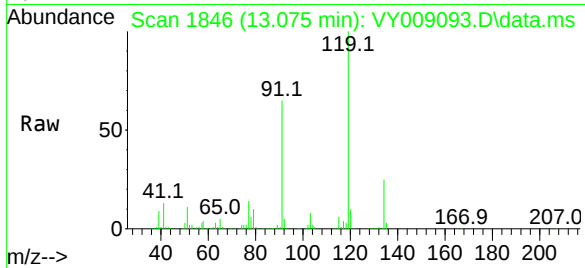




#83  
tert-Butylbenzene  
Concen: 21.138 ug/l  
RT: 13.075 min Scan# 119  
Delta R.T. -0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

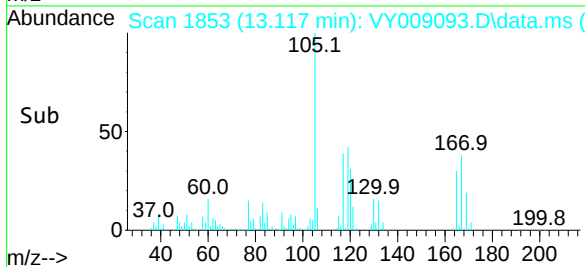
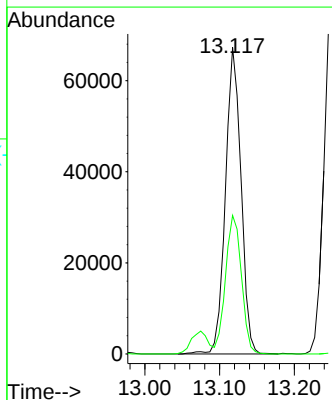
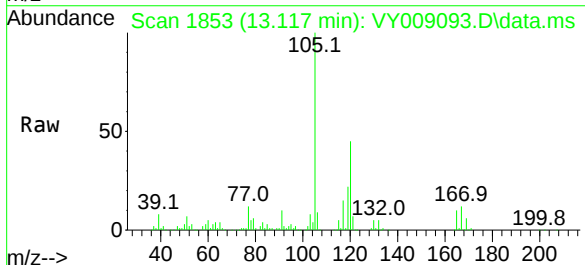
Instrument :  
MSVOA\_Y  
ClientSampleId :  
P037-SS001-1218-01MS

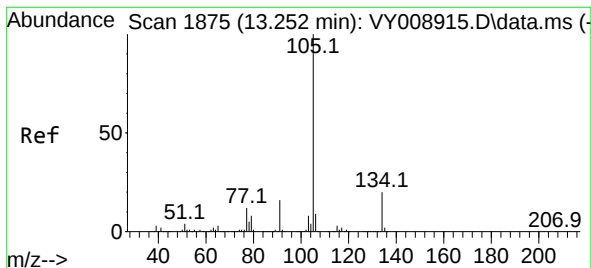
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 61.8  | 34.8  | 104.4 |
| 134     | 27.0  | 13.3  | 39.9  |



#84  
1,2,4-Trimethylbenzene  
Concen: 22.380 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY009093.D  
Acq: 25 May 2022 16:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.1  | 22.3  | 66.9  |





#85

sec-Butylbenzene

Concen: 20.851 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.001 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

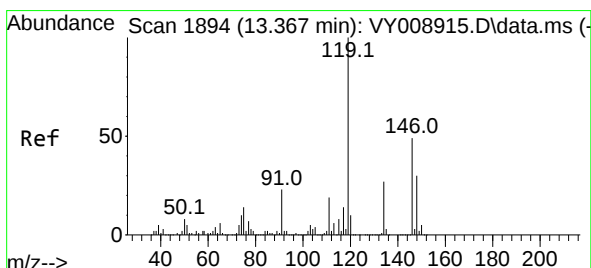
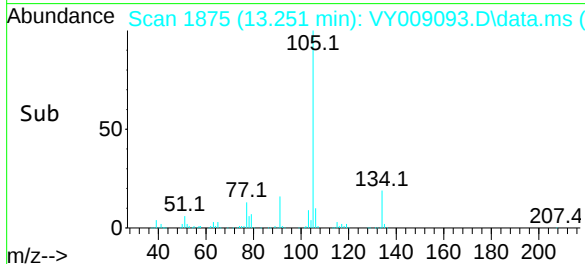
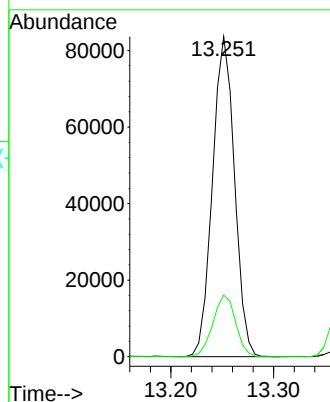
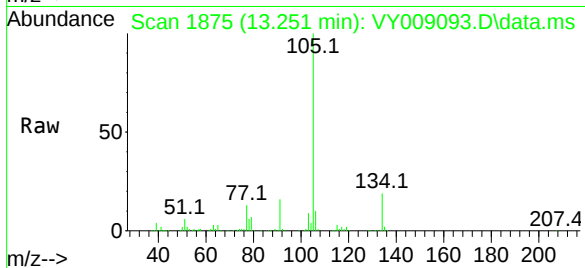
P037-SS001-1218-01MS

Tgt Ion:105 Resp: 124263

Ion Ratio Lower Upper

105 100

134 19.8 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.526 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

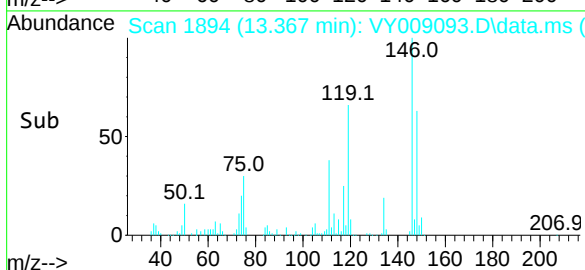
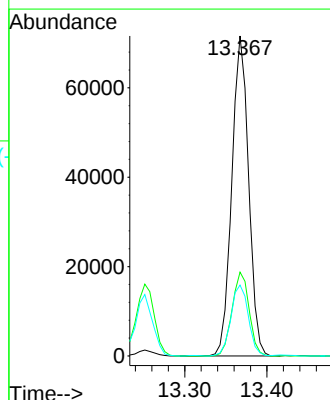
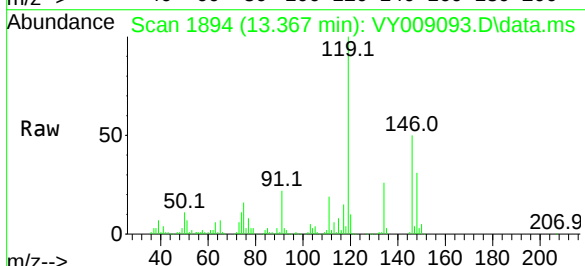
Tgt Ion:119 Resp: 102011

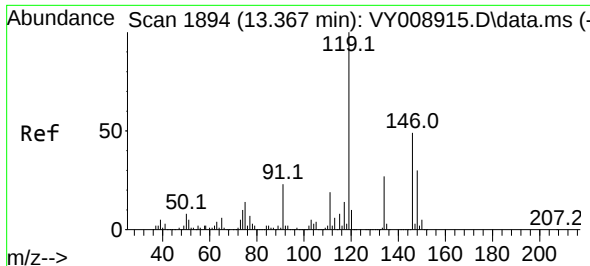
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

91 23.0 12.4 37.2

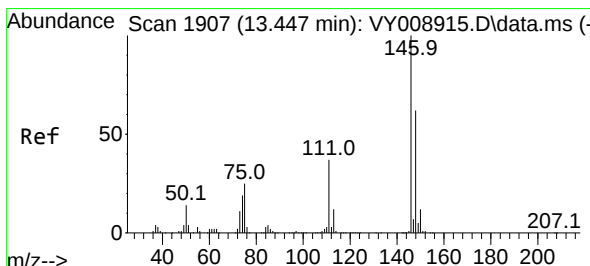
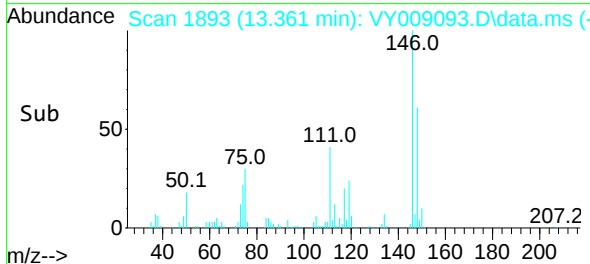
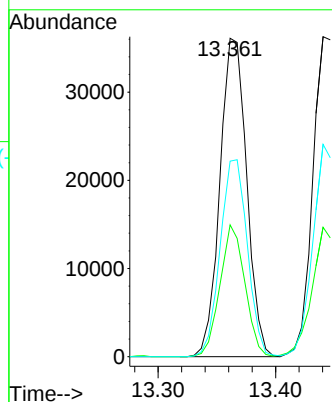
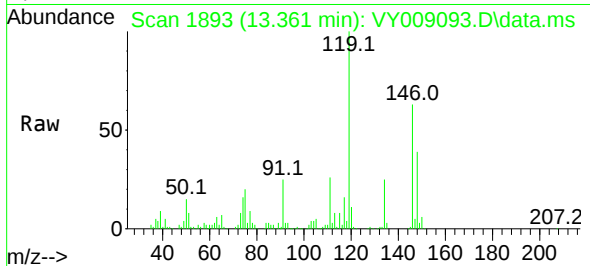




#87  
 1,3-Dichlorobenzene  
 Concen: 22.079 ug/l  
 RT: 13.361 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: VY009093.D  
 Acq: 25 May 2022 16:29

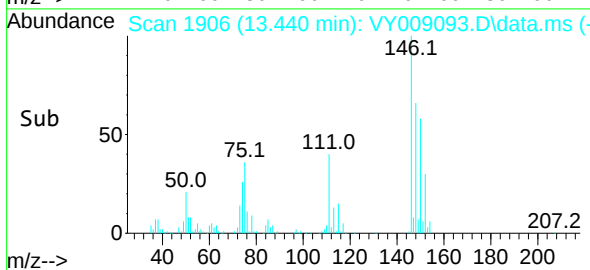
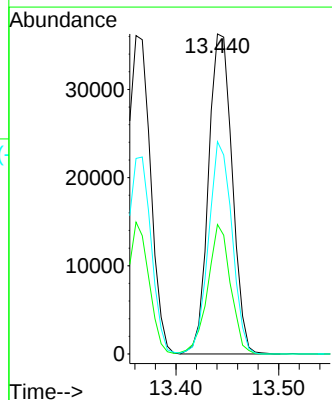
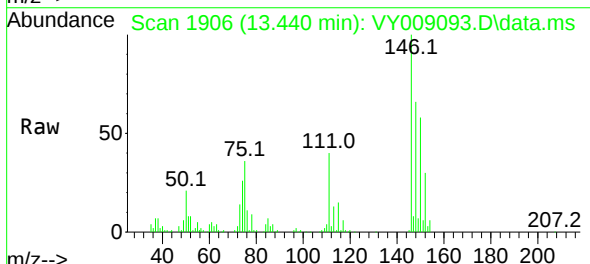
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 P037-SS001-1218-01MS

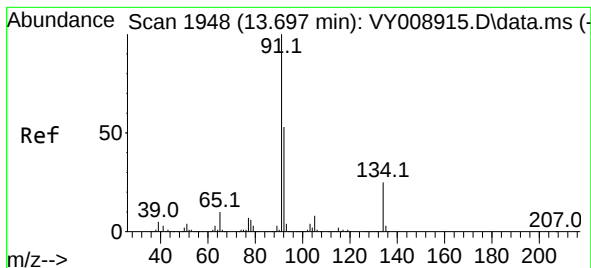
Tgt Ion:146 Resp: 57190  
 Ion Ratio Lower Upper  
 146 100  
 111 38.6 19.5 58.5  
 148 62.9 31.6 95.0



#88  
 1,4-Dichlorobenzene  
 Concen: 22.371 ug/l  
 RT: 13.440 min Scan# 1906  
 Delta R.T. -0.007 min  
 Lab File: VY009093.D  
 Acq: 25 May 2022 16:29

Tgt Ion:146 Resp: 58215  
 Ion Ratio Lower Upper  
 146 100  
 111 39.0 19.3 57.8  
 148 65.8 32.6 97.8





#89

n-Butylbenzene

Concen: 20.857 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

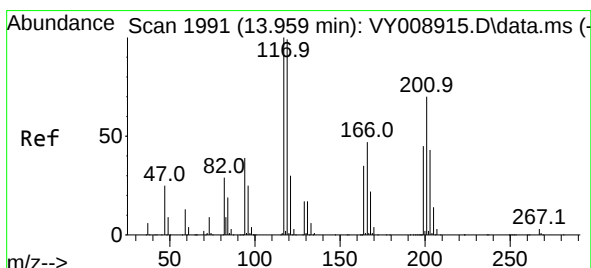
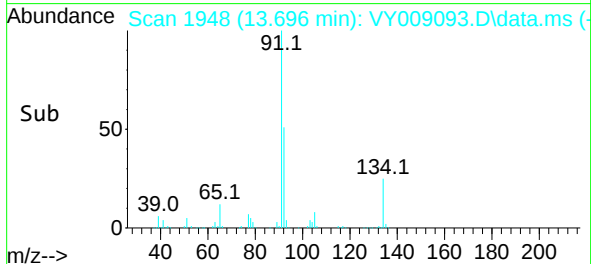
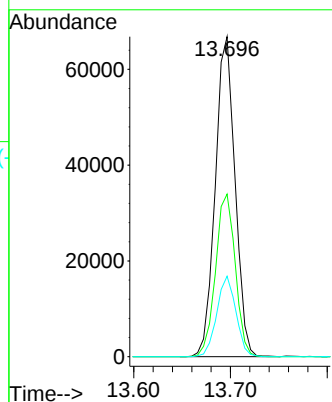
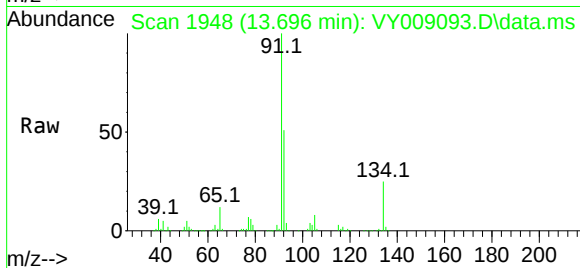
Instrument :

MSVOA\_Y

ClientSampleId :

P037-SS001-1218-01MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 94830 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 50.8  | 26.3  | 78.9  |
| 134      | 24.4  | 13.0  | 38.9  |



#90

Hexachloroethane

Concen: 22.693 ug/l

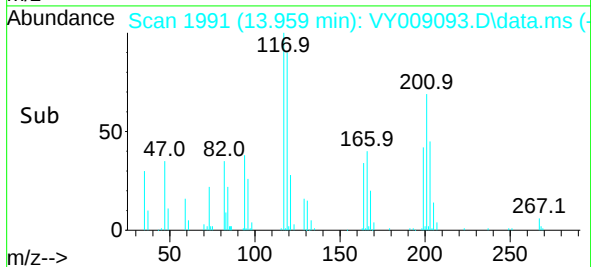
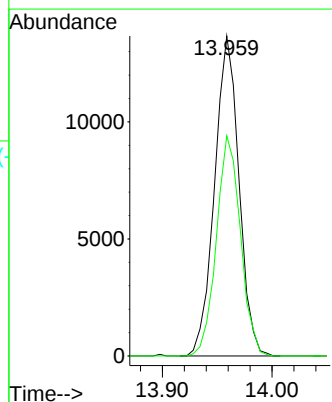
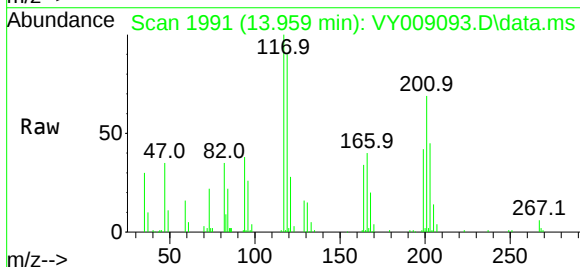
RT: 13.959 min Scan# 1991

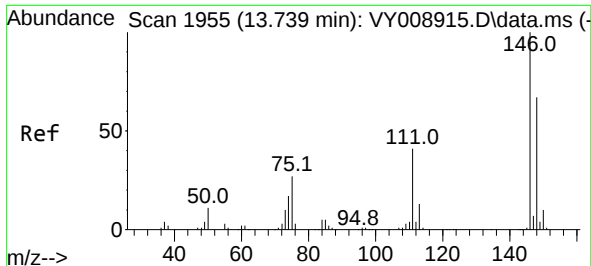
Delta R.T. -0.000 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 21135 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 67.9  | 43.0  | 128.8 |





#91

1,2-Dichlorobenzene

Concen: 22.830 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

P037-SS001-1218-01MS

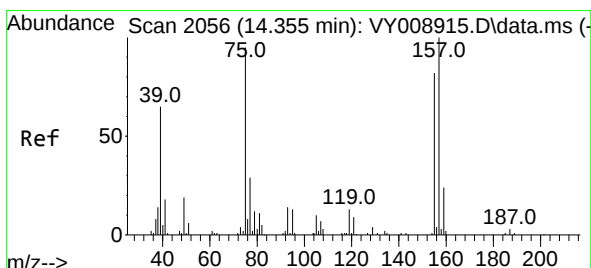
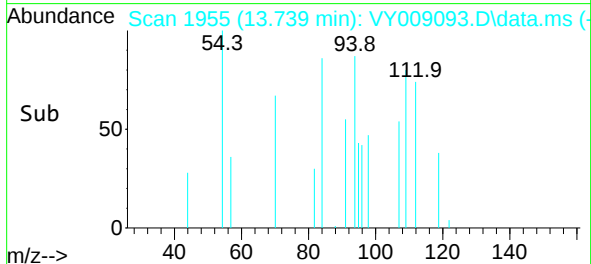
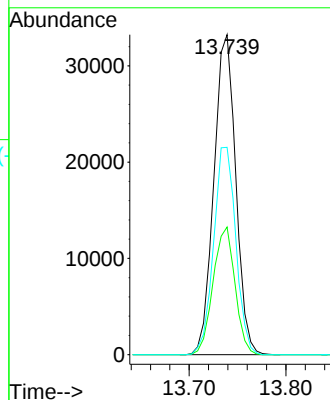
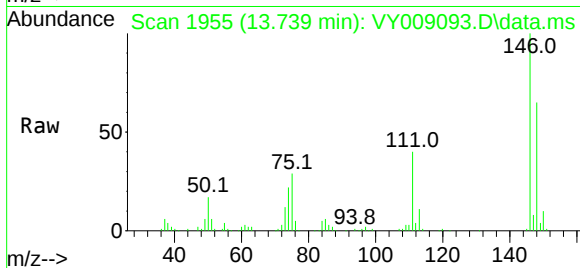
Tgt Ion:146 Resp: 52200

Ion Ratio Lower Upper

146 100

111 40.0 20.3 60.9

148 65.9 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 29.536 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

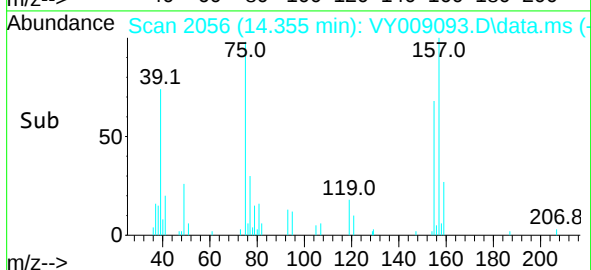
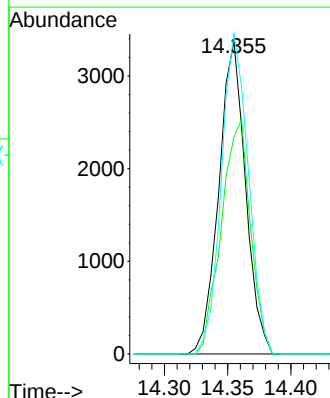
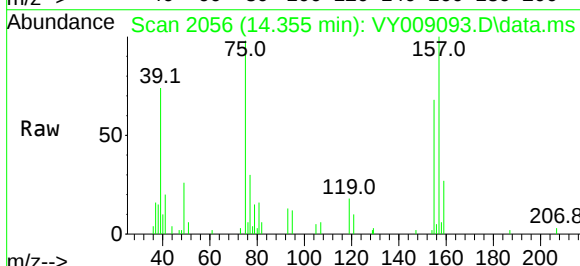
Tgt Ion: 75 Resp: 4948

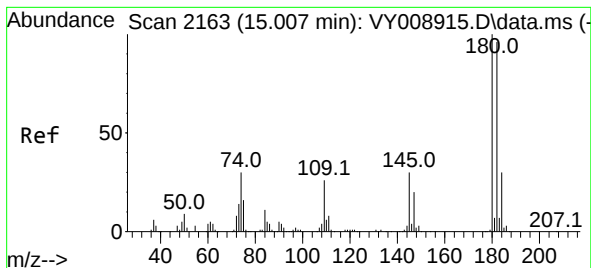
Ion Ratio Lower Upper

75 100

155 81.6 38.0 113.9

157 103.5 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 19.915 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

P037-SS001-1218-01MS

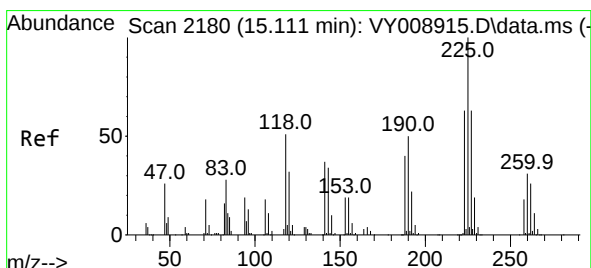
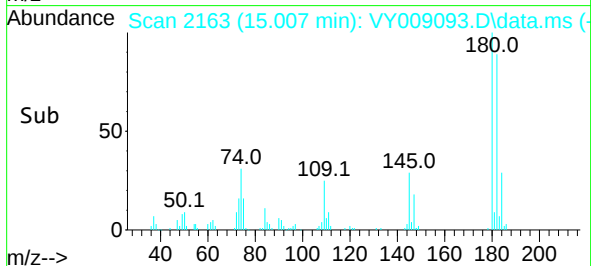
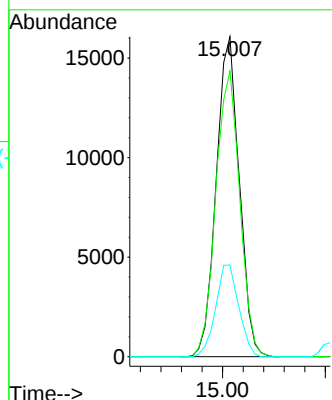
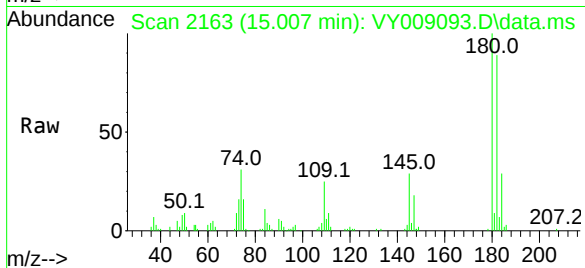
Tgt Ion:180 Resp: 24990

Ion Ratio Lower Upper

180 100

182 93.0 47.3 141.9

145 28.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 17.824 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

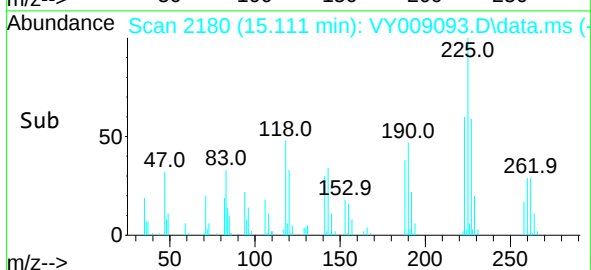
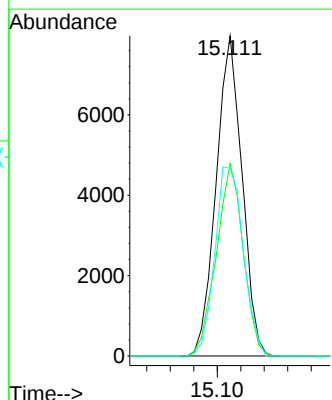
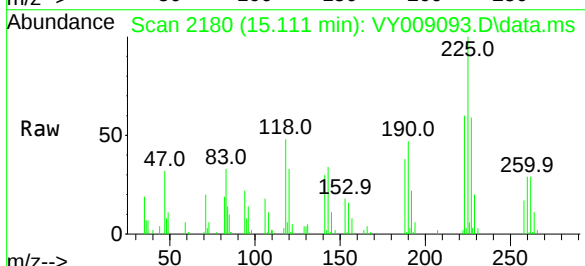
Tgt Ion:225 Resp: 12190

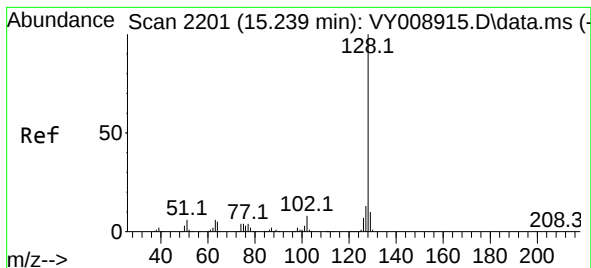
Ion Ratio Lower Upper

225 100

223 62.3 30.8 92.3

227 65.0 31.6 94.7





#95

Naphthalene

Concen: 21.716 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

P037-SS001-1218-01MS

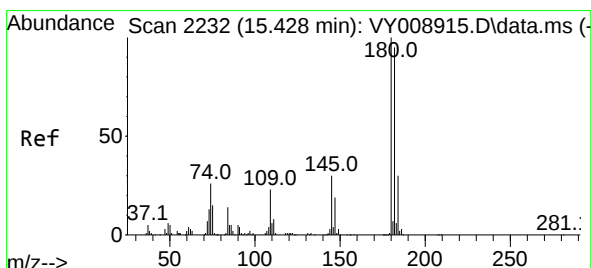
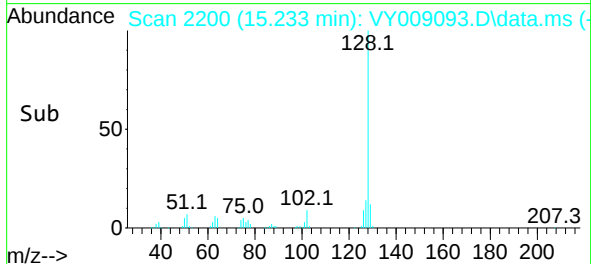
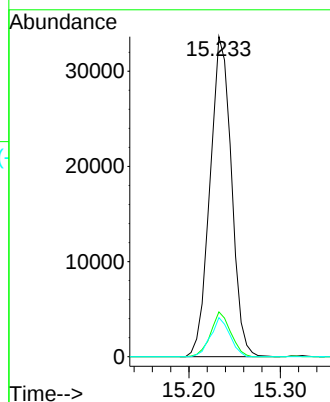
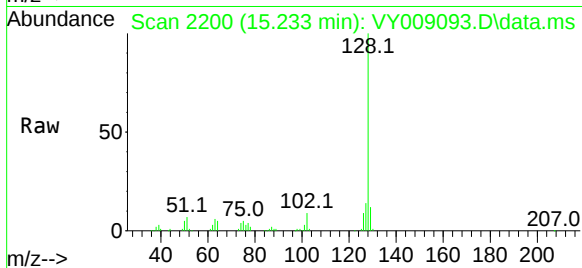
Tgt Ion:128 Resp: 54743

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 20.526 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY009093.D

Acq: 25 May 2022 16:29

Tgt Ion:180 Resp: 22382

Ion Ratio Lower Upper

180 100

182 91.9 47.3 141.9

145 29.9 15.3 45.9

