

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY102622\  
 Data File : VY011127.D  
 Acq On : 26 Oct 2022 19:21  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Oct 27 04:41:07 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y101722S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 18 01:42:42 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.783  | 168   | 214804   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.685  | 114   | 350894   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.490 | 117   | 323808   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.422 | 152   | 168267   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.136  | 65    | 87940    | 44.444   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 88.880%  |
| 35) Dibromofluoromethane     | 7.710  | 113   | 90102    | 45.888   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 91.780%  |
| 50) Toluene-d8               | 10.173 | 98    | 301634   | 41.169   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 82.340%  |
| 62) 4-Bromofluorobenzene     | 12.477 | 95    | 117849   | 45.108   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 90.220%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.900  | 85    | 59731    | 41.922   | ug/l   | 100      |
| 3) Chloromethane             | 2.107  | 50    | 82215    | 40.220   | ug/l   | 95       |
| 4) Vinyl Chloride            | 2.247  | 62    | 95905    | 41.394   | ug/l   | 98       |
| 5) Bromomethane              | 2.644  | 94    | 66347    | 41.403   | ug/l   | 98       |
| 6) Chloroethane              | 2.784  | 64    | 68947    | 44.532   | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.119  | 101   | 157297   | 46.384   | ug/l   | 93       |
| 8) Diethyl Ether             | 3.528  | 74    | 62695    | 49.542   | ug/l   | 83       |
| 9) 1,1,2-Trichlorotrifluo... | 3.893  | 101   | 102673   | 48.269   | ug/l   | 93       |
| 10) Methyl Iodide            | 4.082  | 142   | 114018   | 43.805   | ug/l   | 92       |
| 11) Tert butyl alcohol       | 4.948  | 59    | 71898    | 329.695  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 3.863  | 96    | 93229    | 45.753   | ug/l   | 85       |
| 13) Acrolein                 | 3.723  | 56    | 66193    | 207.512  | ug/l   | 98       |
| 14) Allyl chloride           | 4.473  | 41    | 150221   | 46.488   | ug/l # | 86       |
| 15) Acrylonitrile            | 5.155  | 53    | 187063   | 283.583  | ug/l   | 97       |
| 16) Acetone                  | 3.942  | 43    | 132080   | 229.865  | ug/l # | 83       |
| 17) Carbon Disulfide         | 4.186  | 76    | 220644   | 36.936   | ug/l   | 99       |
| 18) Methyl Acetate           | 4.473  | 43    | 88618    | 55.112   | ug/l # | 89       |
| 19) Methyl tert-butyl Ether  | 5.216  | 73    | 304307   | 53.450   | ug/l   | 100      |
| 20) Methylene Chloride       | 4.704  | 84    | 132066   | 53.137   | ug/l   | 85       |
| 21) trans-1,2-Dichloroethene | 5.210  | 96    | 106587   | 46.334   | ug/l   | 90       |
| 22) Diisopropyl ether        | 6.112  | 45    | 368967   | 53.315   | ug/l   | 92       |
| 23) Vinyl Acetate            | 6.051  | 43    | 1136410  | 274.601  | ug/l # | 93       |
| 24) 1,1-Dichloroethane       | 6.009  | 63    | 213128   | 51.007   | ug/l   | 99       |
| 25) 2-Butanone               | 6.978  | 43    | 229098   | 262.911  | ug/l # | 86       |
| 26) 2,2-Dichloropropane      | 6.972  | 77    | 173184   | 46.674   | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene   | 6.978  | 96    | 134655   | 50.790   | ug/l   | 89       |
| 28) Bromochloromethane       | 7.326  | 49    | 83503    | 55.946   | ug/l   | 89       |
| 29) Tetrahydrofuran          | 7.338  | 42    | 149082   | 278.076  | ug/l # | 84       |
| 30) Chloroform               | 7.496  | 83    | 223751   | 53.122   | ug/l   | 99       |
| 31) Cyclohexane              | 7.783  | 56    | 155887   | 41.171   | ug/l   | 92       |
| 32) 1,1,1-Trichloroethane    | 7.698  | 97    | 187374   | 50.609   | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 7.917  | 75    | 150804   | 46.167   | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.070  | 43    | 101387   | 56.062   | ug/l # | 93       |
| 38) Carbon Tetrachloride     | 7.893  | 117   | 165797   | 49.170   | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.179  | 83    | 171451   | 43.822   | ug/l   | 91       |
| 40) Benzene                  | 8.155  | 78    | 467902   | 48.819   | ug/l   | 96       |

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 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Oct 27 04:41:07 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y101722S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 18 01:42:42 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.307  | 41   | 51659m   | 52.712   | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 138045   | 51.981   | ug/l   | 91       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 174656   | 54.053   | ug/l # | 90       |
| 44) Trichloroethene           | 8.935  | 130  | 125087   | 48.161   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 127731   | 52.526   | ug/l   | 94       |
| 46) Dibromomethane            | 9.301  | 93   | 72727    | 53.621   | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.490  | 83   | 176886   | 54.119   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.289  | 41   | 78857    | 54.531   | ug/l # | 80       |
| 49) 1,4-Dioxane               | 9.289  | 88   | 22026    | 1130.281 | ug/l # | 83       |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43   | 521758   | 289.542  | ug/l # | 87       |
| 52) Toluene                   | 10.240 | 92   | 297968   | 50.043   | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 176298   | 51.921   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 197621   | 50.860   | ug/l # | 82       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 108006   | 55.200   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 146727   | 56.461   | ug/l # | 75       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 179816   | 53.450   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 355103   | 274.399  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.831 | 43   | 358855   | 289.907  | ug/l   | 85       |
| 60) Dibromochloromethane      | 10.977 | 129  | 129506   | 55.662   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 99340    | 53.017   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.715 | 164  | 121995   | 48.398   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.514 | 112  | 329147   | 49.511   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 128848   | 52.364   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.587 | 91   | 583553   | 49.618   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.697 | 106  | 443189   | 97.958   | ug/l   | 96       |
| 69) o-Xylene                  | 12.026 | 106  | 217062   | 50.526   | ug/l   | 94       |
| 70) Styrene                   | 12.038 | 104  | 379220   | 52.096   | ug/l   | 95       |
| 71) Bromoform                 | 12.203 | 173  | 83812    | 55.190   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.325 | 105  | 574843   | 47.022   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 155952   | 50.279   | ug/l # | 84       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 130855   | 51.003   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 91376m   | 47.832   | ug/l   |          |
| 77) Bromobenzene              | 12.605 | 156  | 136195   | 47.661   | ug/l   | 99       |
| 78) n-propylbenzene           | 12.666 | 91   | 702013   | 47.198   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.752 | 91   | 399509   | 47.694   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.806 | 105  | 483902   | 47.441   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.374 | 75   | 44550    | 50.155   | ug/l # | 83       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 408970   | 46.892   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.069 | 119  | 433011   | 49.092   | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 483073   | 48.028   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 637202   | 48.076   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 526917   | 47.922   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 271195   | 47.553   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 268795   | 47.403   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 489348   | 47.626   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.959 | 117  | 106300   | 48.987   | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene       | 13.733 | 146  | 247829   | 48.570   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 22147    | 52.209   | ug/l   | 85       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 144886   | 47.511   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 86118    | 47.977   | ug/l   | 99       |
| 95) Naphthalene               | 15.233 | 128  | 324215   | 52.205   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 130871   | 49.192   | ug/l   | 98       |

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Operator : KP/MD  
Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 24 Sample Multiplier: 1

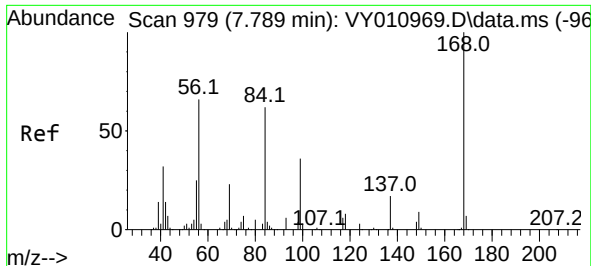
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Oct 27 04:41:07 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y101722S.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 18 01:42:42 2022  
Response via : Initial Calibration

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

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

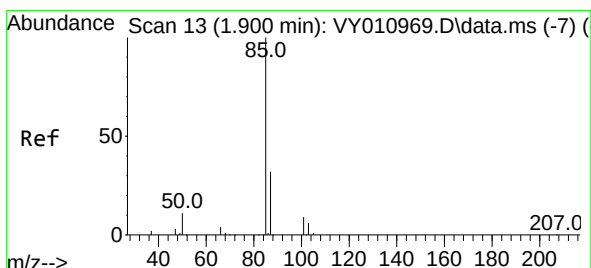
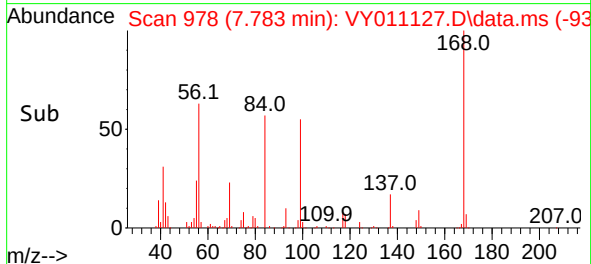
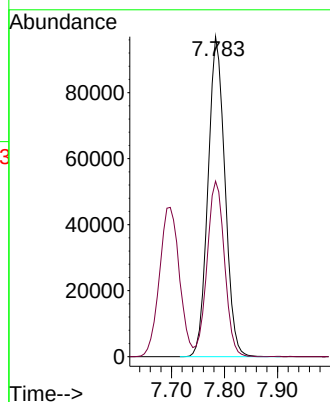
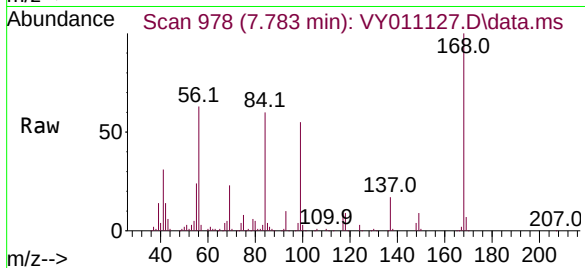




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

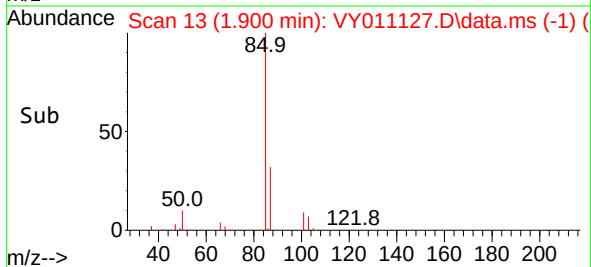
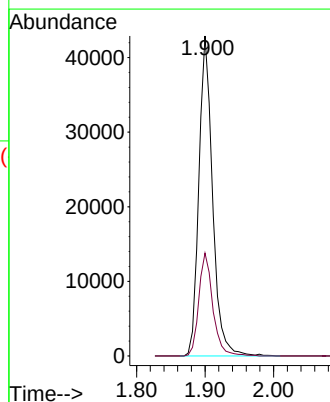
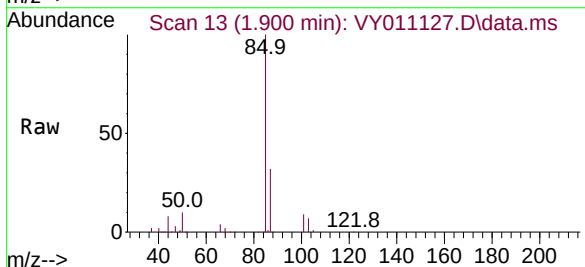
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

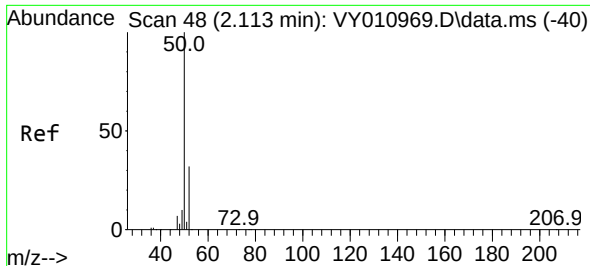
Tgt Ion:168 Resp: 214804  
Ion Ratio Lower Upper  
168 100  
99 54.7 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 41.922 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion: 85 Resp: 59731  
Ion Ratio Lower Upper  
85 100  
87 32.2 16.1 48.2

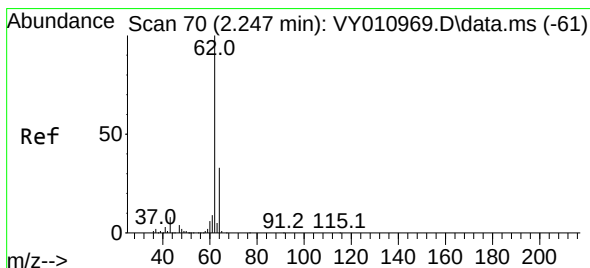
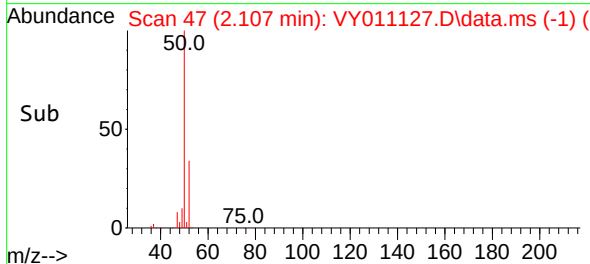
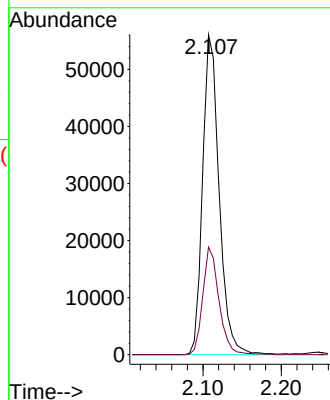
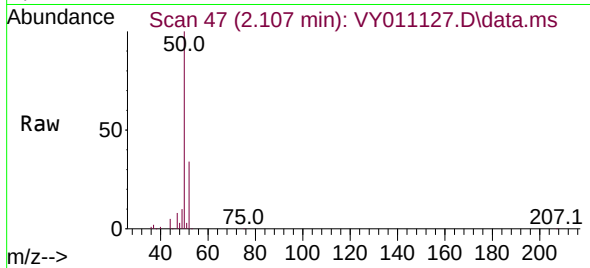




#3  
Chloromethane  
Concen: 40.220 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

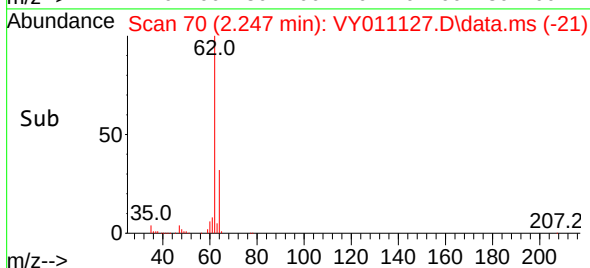
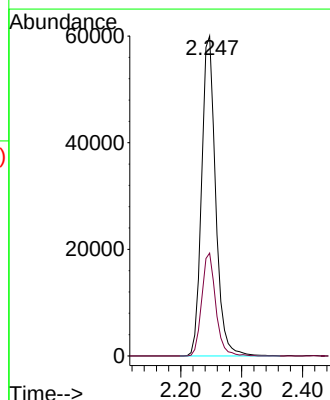
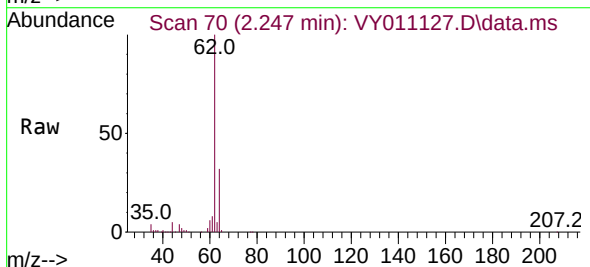
Instrument :  
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ClientSampleId :  
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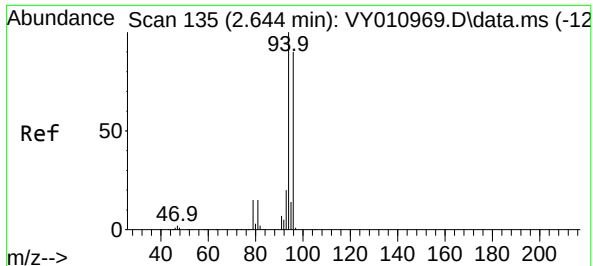
Tgt Ion: 50 Resp: 82215  
Ion Ratio Lower Upper  
50 100  
52 33.7 24.6 37.0



#4  
Vinyl Chloride  
Concen: 41.394 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion: 62 Resp: 95905  
Ion Ratio Lower Upper  
62 100  
64 32.2 25.0 37.6

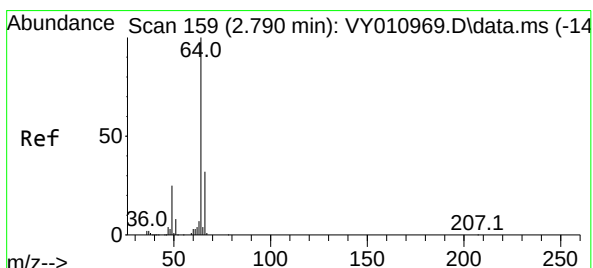
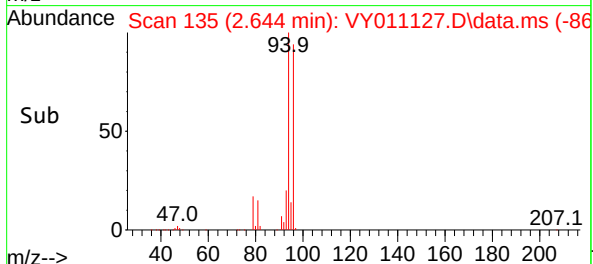
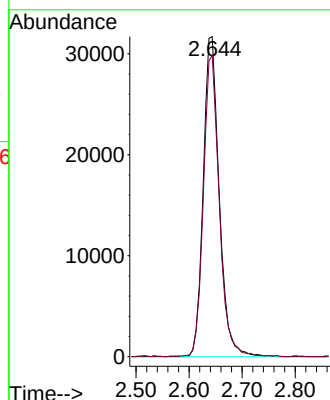
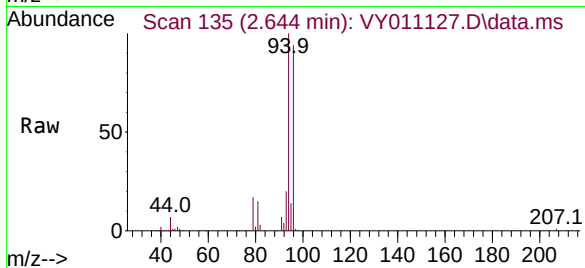




#5  
Bromomethane  
Concen: 41.403 ug/l  
RT: 2.644 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

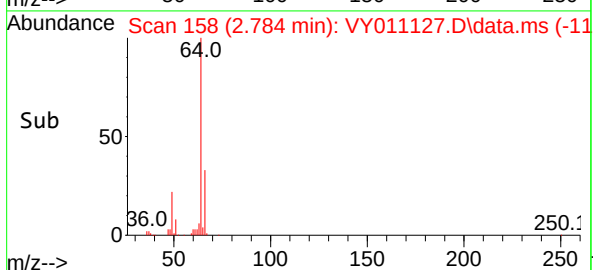
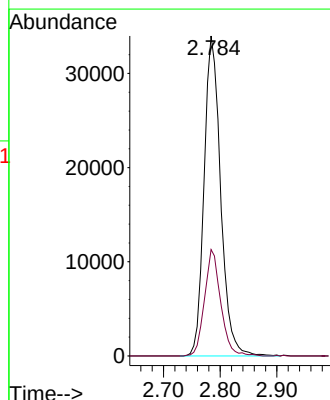
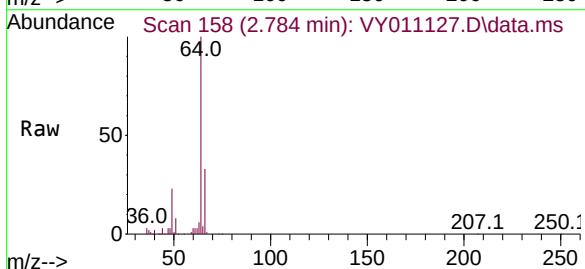
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

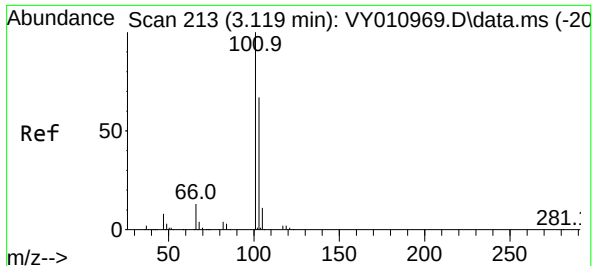
Tgt Ion: 94 Resp: 66347  
Ion Ratio Lower Upper  
94 100  
96 94.0 73.5 110.3



#6  
Chloroethane  
Concen: 44.532 ug/l  
RT: 2.784 min Scan# 158  
Delta R.T. -0.006 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion: 64 Resp: 68947  
Ion Ratio Lower Upper  
64 100  
66 33.3 25.4 38.0

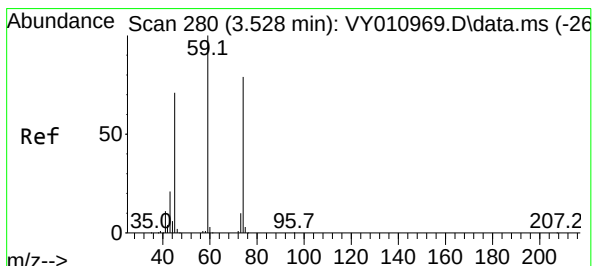
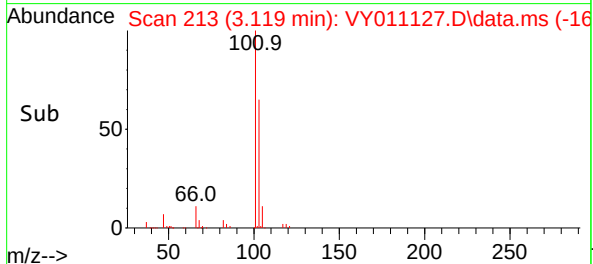
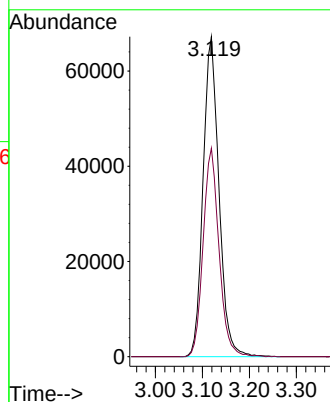
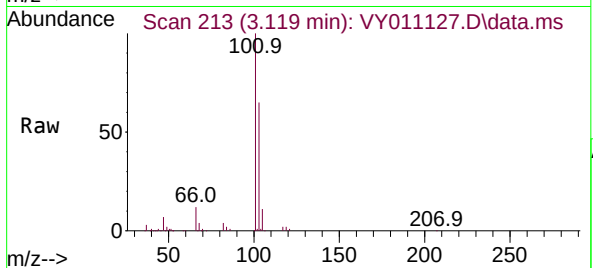




#7  
 Trichlorofluoromethane  
 Concen: 46.384 ug/l  
 RT: 3.119 min Scan# 213  
 Delta R.T. 0.000 min  
 Lab File: VY011127.D  
 Acq: 26 Oct 2022 19:21

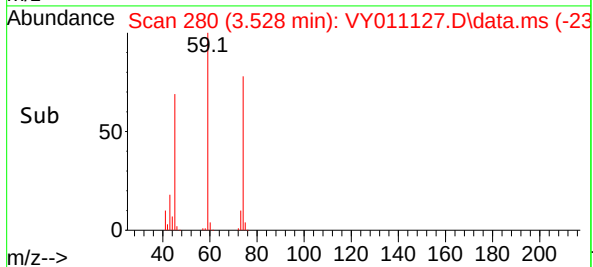
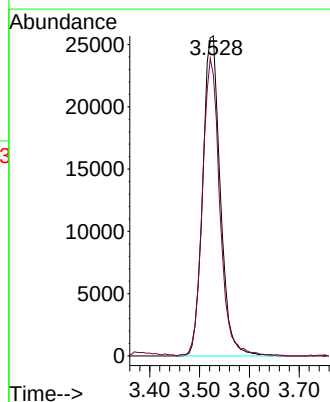
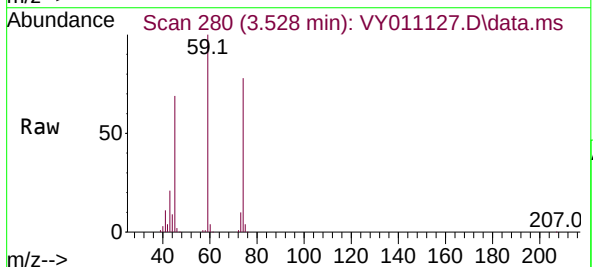
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:101 Resp: 157297  
 Ion Ratio Lower Upper  
 101 100  
 103 65.1 48.0 72.0

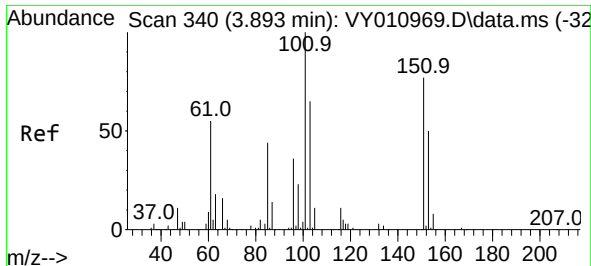


#8  
 Diethyl Ether  
 Concen: 49.542 ug/l  
 RT: 3.528 min Scan# 280  
 Delta R.T. -0.000 min  
 Lab File: VY011127.D  
 Acq: 26 Oct 2022 19:21

Tgt Ion: 74 Resp: 62695  
 Ion Ratio Lower Upper  
 74 100  
 45 92.8 55.1 165.5



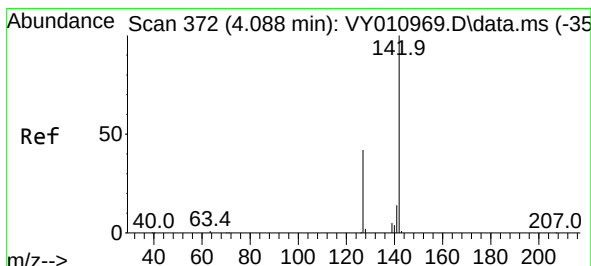
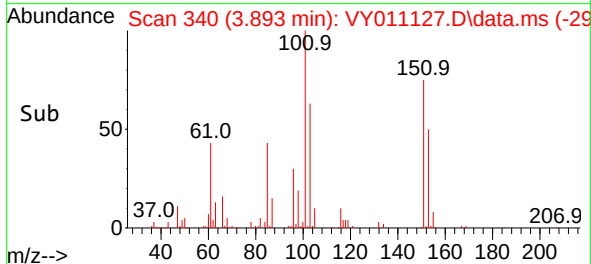
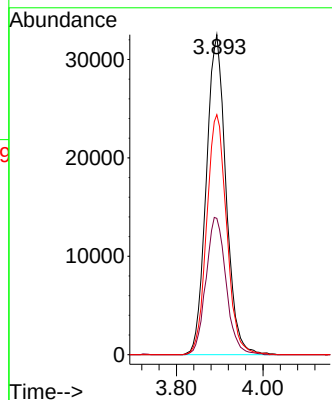
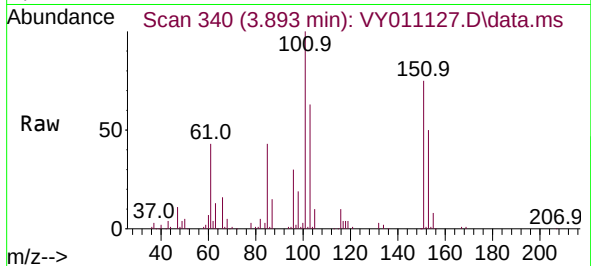




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.269 ug/l  
RT: 3.893 min Scan# 340  
Delta R.T. 0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

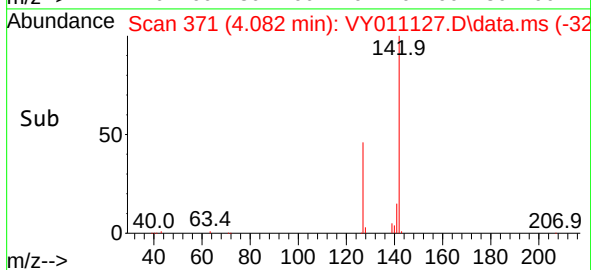
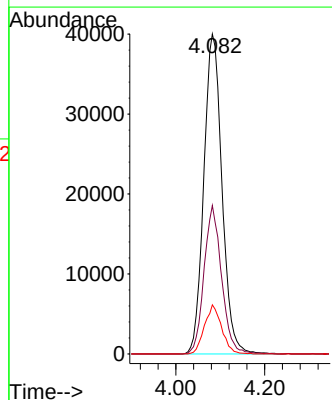
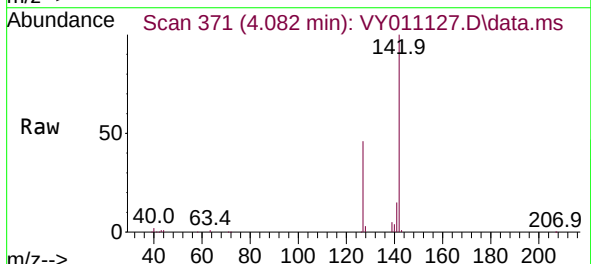
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

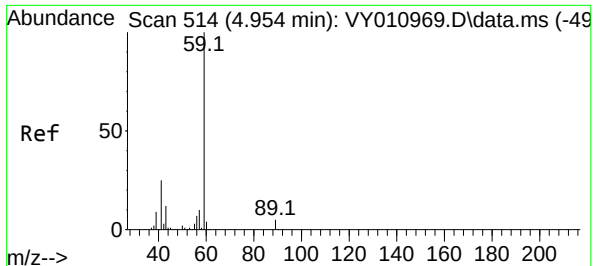
Tgt Ion:101 Resp: 102673  
Ion Ratio Lower Upper  
101 100  
85 43.8 40.6 60.8  
151 75.8 64.9 97.3



#10  
Methyl Iodide  
Concen: 43.805 ug/l  
RT: 4.082 min Scan# 371  
Delta R.T. -0.006 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion:142 Resp: 114018  
Ion Ratio Lower Upper  
142 100  
127 44.8 41.5 62.3  
141 14.5 11.9 17.9

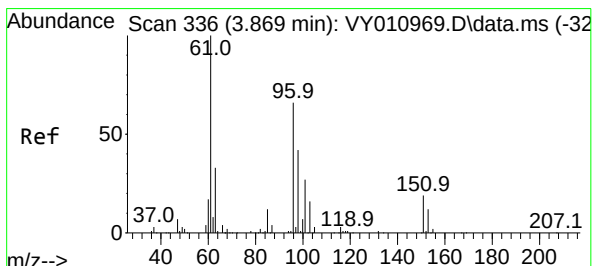
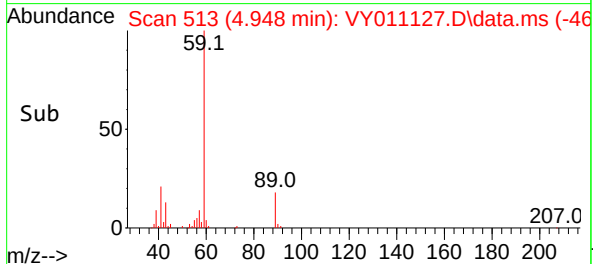
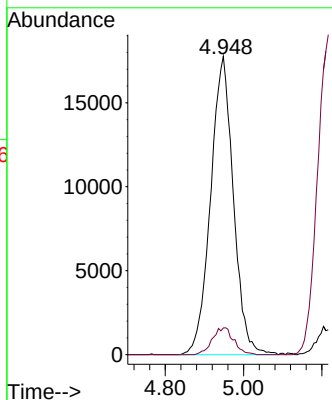
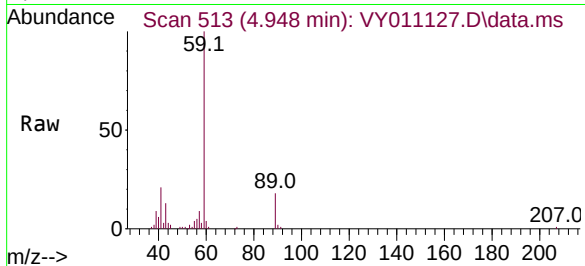




#11  
Tert butyl alcohol  
Concen: 329.695 ug/l  
RT: 4.948 min Scan# 514  
Delta R.T. -0.006 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

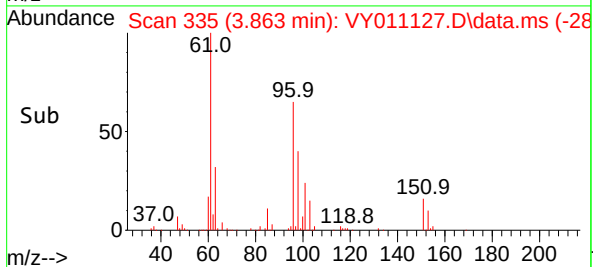
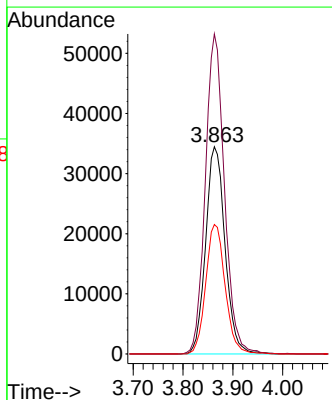
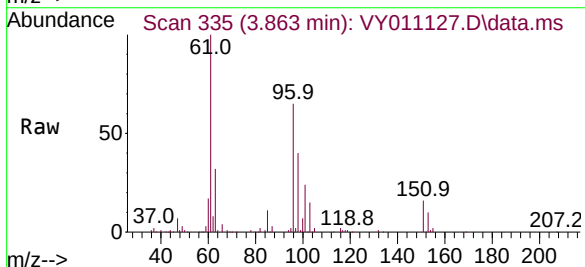
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

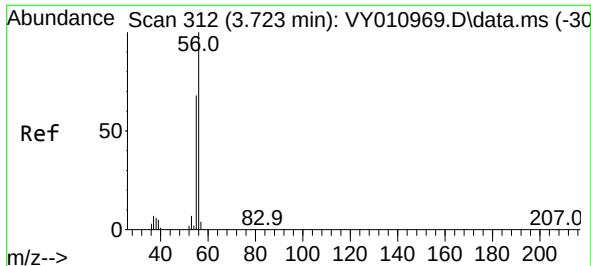
Tgt Ion: 59 Resp: 71898  
Ion Ratio Lower Upper  
59 100  
57 8.5 6.4 9.6



#12  
1,1-Dichloroethene  
Concen: 45.753 ug/l  
RT: 3.863 min Scan# 335  
Delta R.T. -0.006 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion: 96 Resp: 93229  
Ion Ratio Lower Upper  
96 100  
61 154.5 145.8 218.6  
98 62.5 52.5 78.7





#13

Acrolein

Concen: 207.512 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

Instrument :

MSVOA\_Y

ClientSampleId :

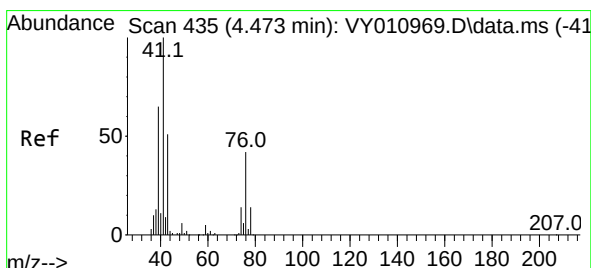
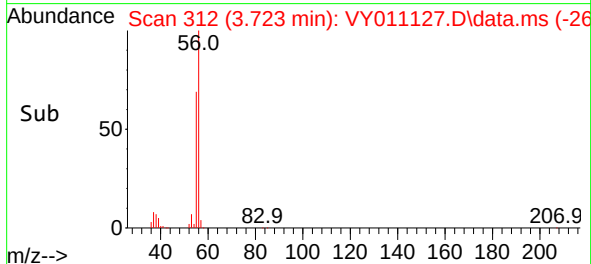
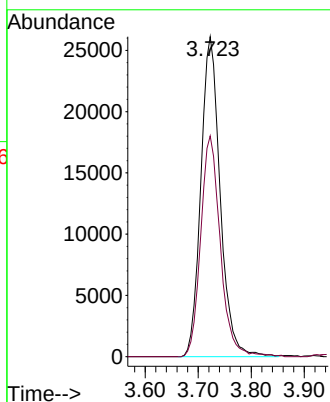
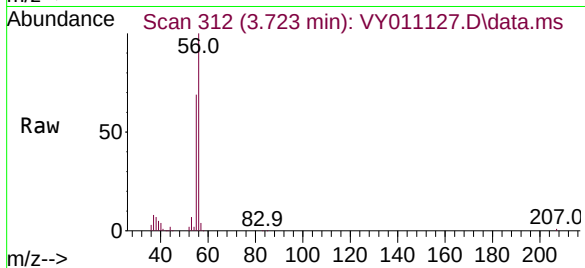
VSTDCCC050EC

Tgt Ion: 56 Resp: 66193

Ion Ratio Lower Upper

56 100

55 69.9 57.6 86.4



#14

Allyl chloride

Concen: 46.488 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.000 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

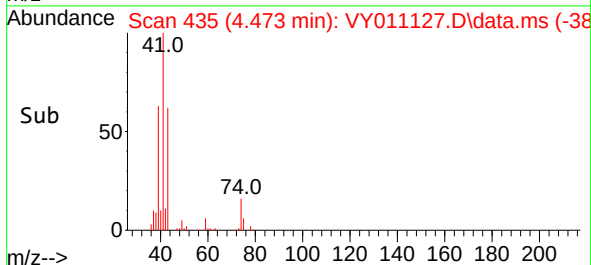
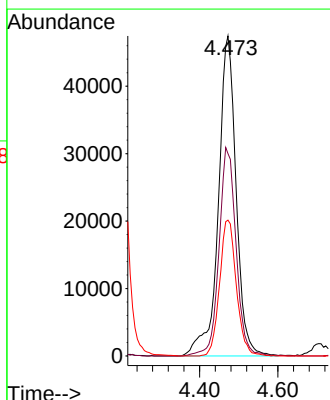
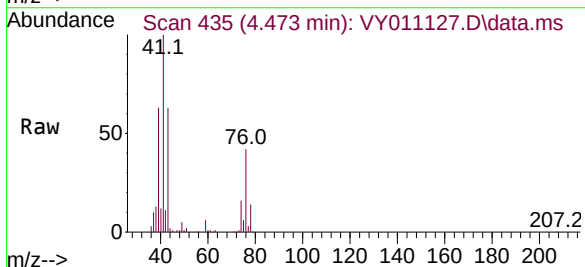
Tgt Ion: 41 Resp: 150221

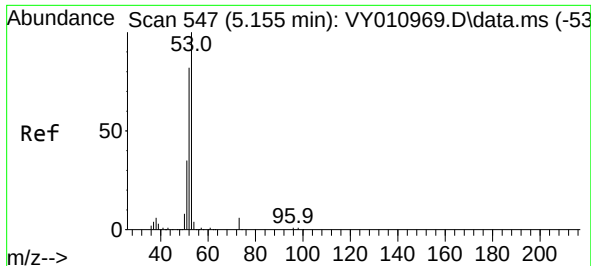
Ion Ratio Lower Upper

41 100

39 62.5 58.8 88.2

76 40.0 25.1 37.7#

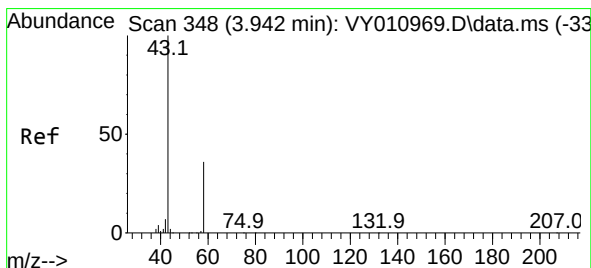
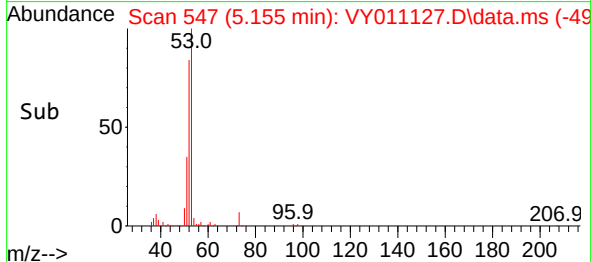
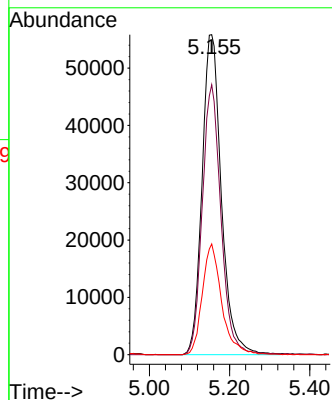
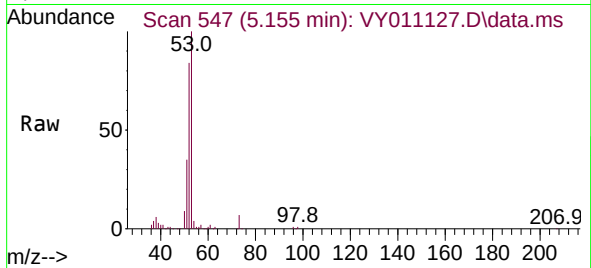




#15  
Acrylonitrile  
Concen: 283.583 ug/l  
RT: 5.155 min Scan# 547  
Delta R.T. 0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

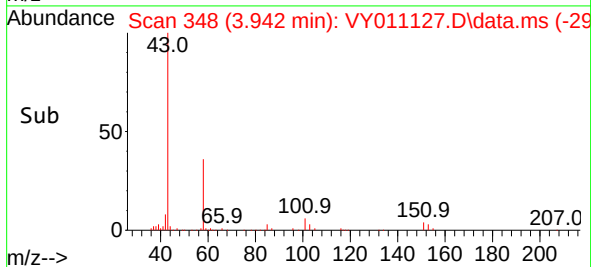
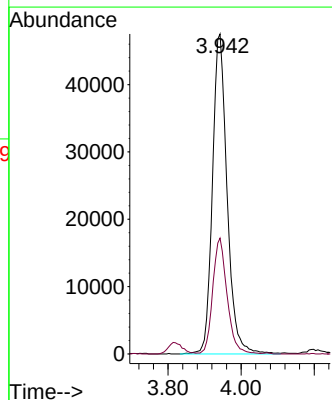
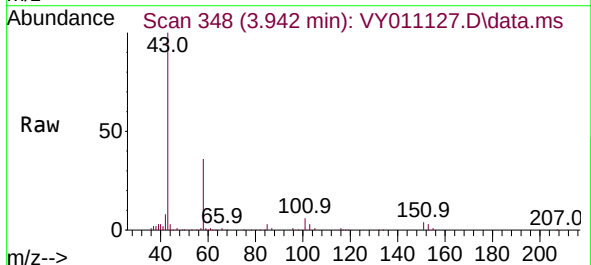
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

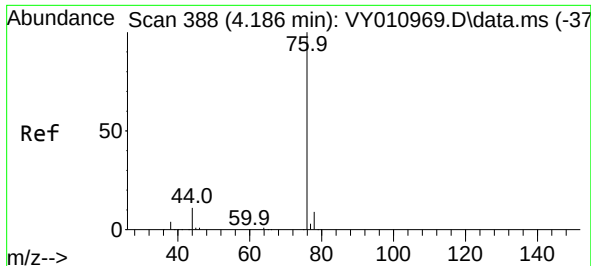
Tgt Ion: 53 Resp: 187063  
Ion Ratio Lower Upper  
53 100  
52 81.4 67.0 100.4  
51 34.7 29.8 44.6



#16  
Acetone  
Concen: 229.865 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. 0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion: 43 Resp: 132080  
Ion Ratio Lower Upper  
43 100  
58 36.2 22.0 33.0#

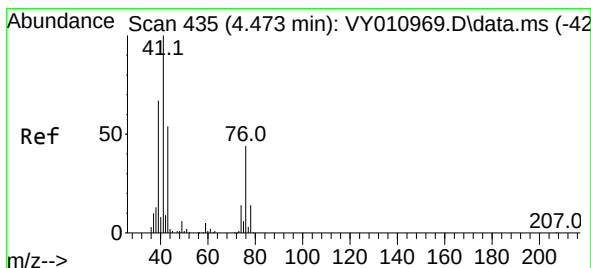
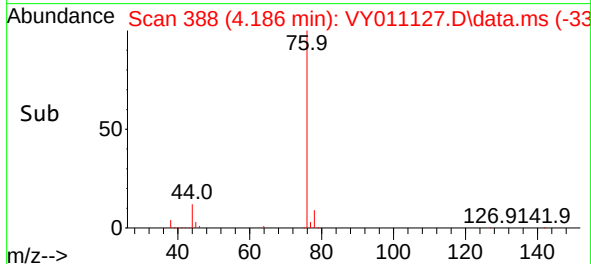
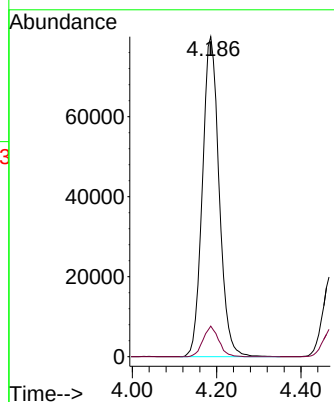
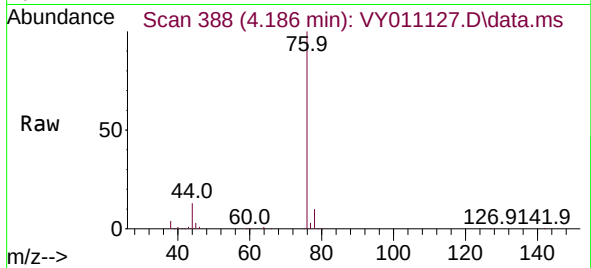




#17  
Carbon Disulfide  
Concen: 36.936 ug/l  
RT: 4.186 min Scan# 388  
Delta R.T. -0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

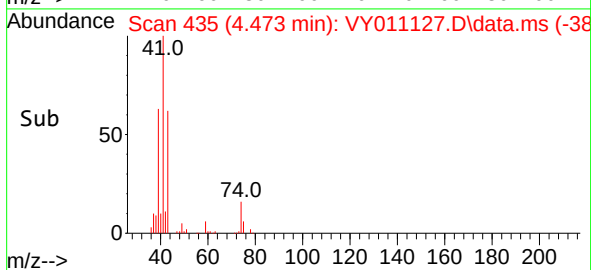
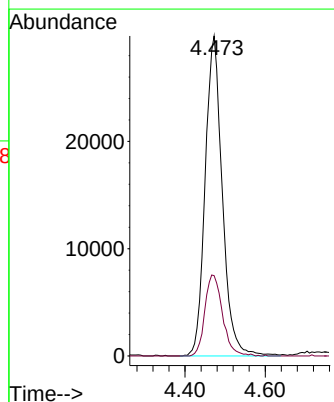
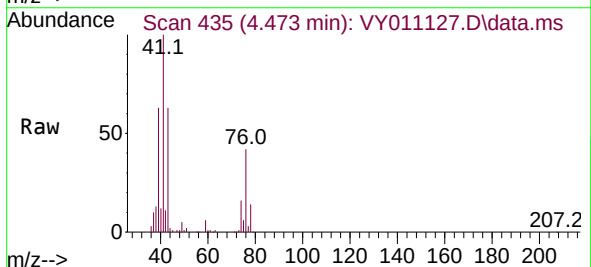
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

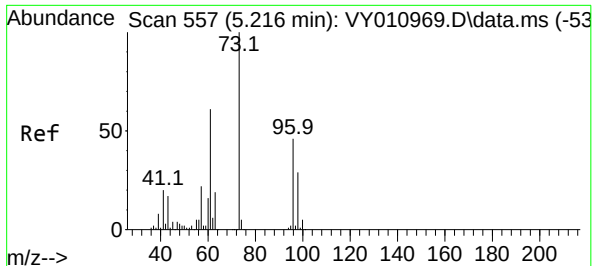
Tgt Ion: 76 Resp: 220644  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.4 11.0



#18  
Methyl Acetate  
Concen: 55.112 ug/l  
RT: 4.473 min Scan# 435  
Delta R.T. -0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion: 43 Resp: 88618  
Ion Ratio Lower Upper  
43 100  
74 26.1 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 53.450 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

Instrument :

MSVOA\_Y

ClientSampleId :

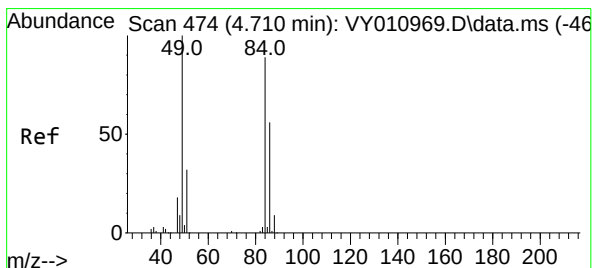
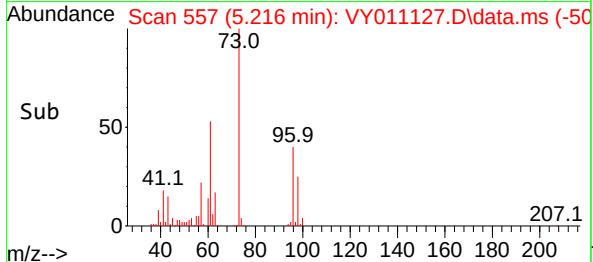
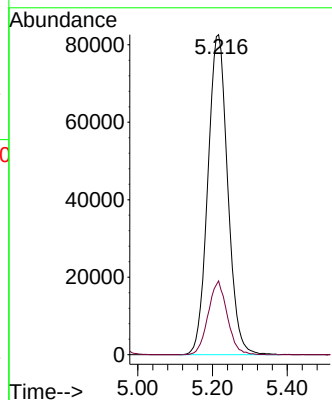
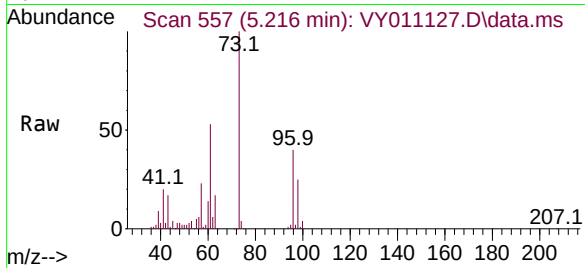
VSTDCCC050EC

Tgt Ion: 73 Resp: 304307

Ion Ratio Lower Upper

73 100

57 23.1 18.6 27.8



#20

Methylene Chloride

Concen: 53.137 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

Tgt Ion: 84 Resp: 132066

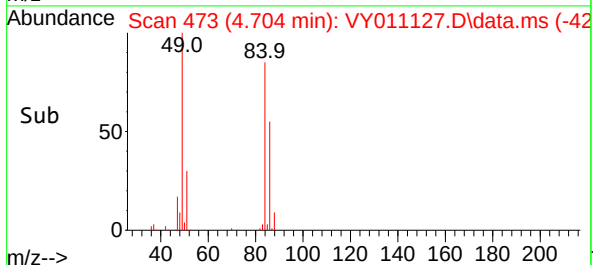
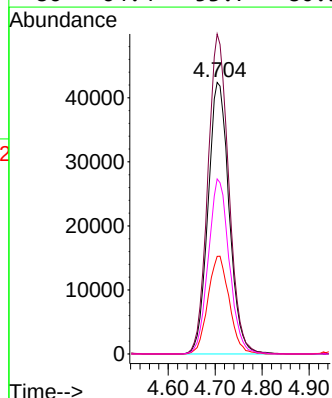
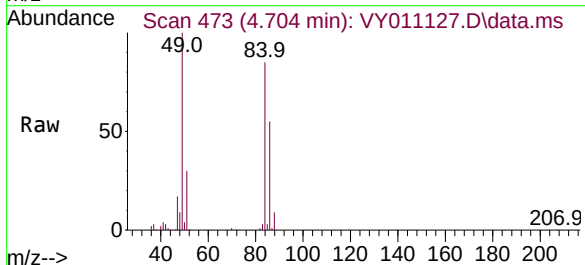
Ion Ratio Lower Upper

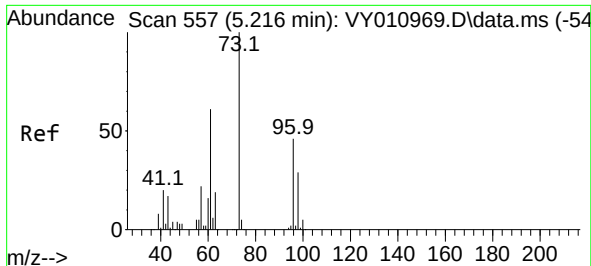
84 100

49 117.8 114.4 171.6

51 35.9 35.3 52.9

86 64.4 53.7 80.5

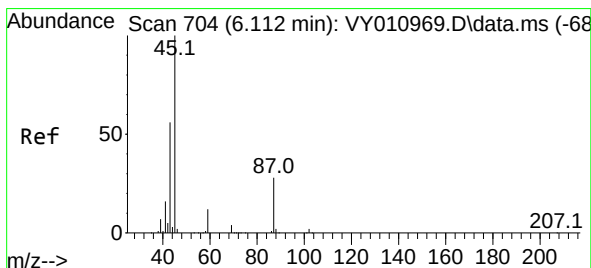
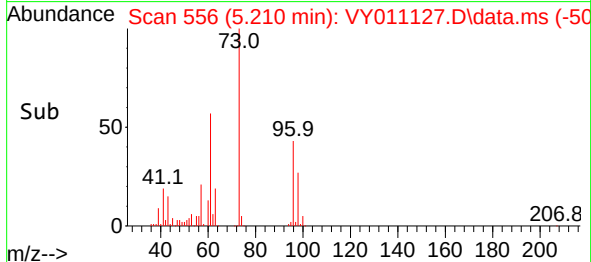
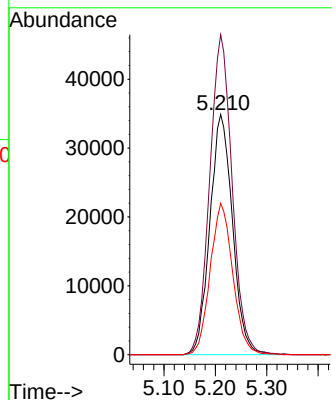
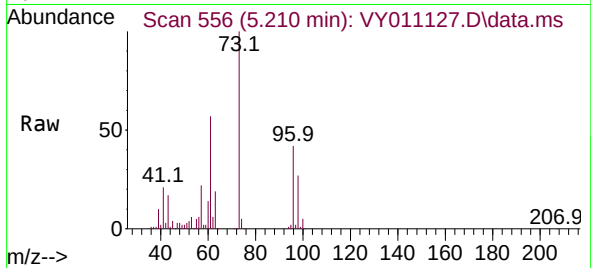




#21  
trans-1,2-Dichloroethene  
Concen: 46.334 ug/l  
RT: 5.210 min Scan# 511  
Delta R.T. -0.006 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

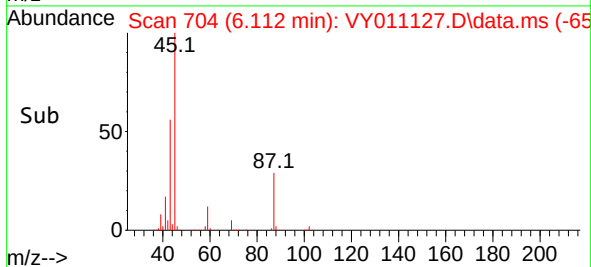
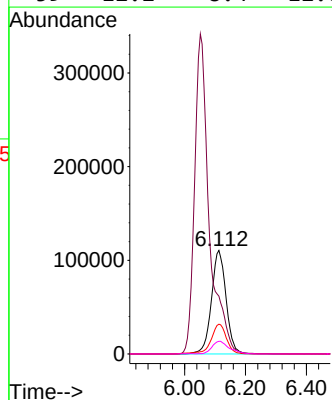
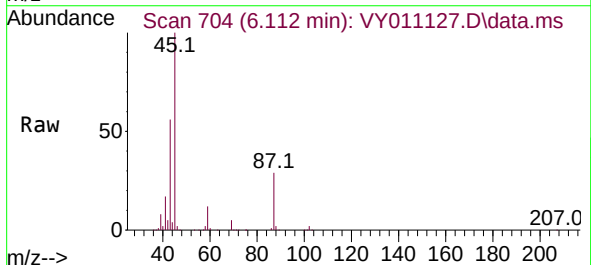
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

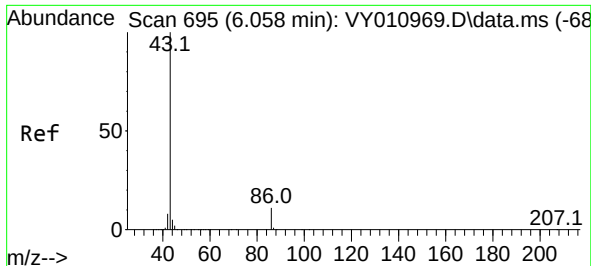
Tgt Ion: 96 Resp: 106587  
Ion Ratio Lower Upper  
96 100  
61 133.3 120.5 180.7  
98 63.1 49.8 74.8



#22  
Diisopropyl ether  
Concen: 53.315 ug/l  
RT: 6.112 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion: 45 Resp: 368967  
Ion Ratio Lower Upper  
45 100  
43 55.6 49.3 73.9  
87 28.7 19.2 28.8  
59 12.2 8.4 12.6

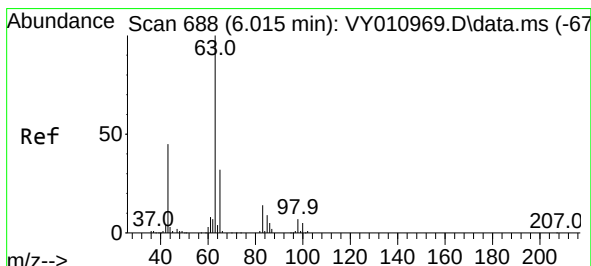
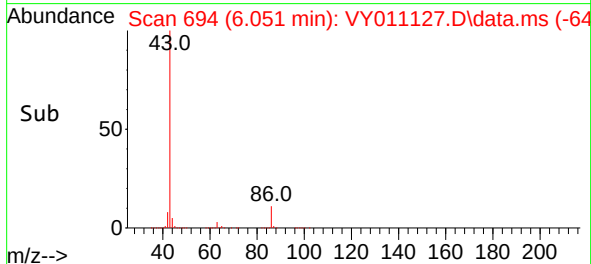
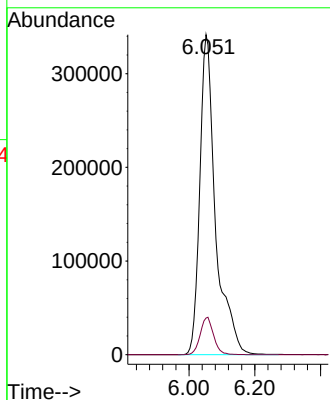
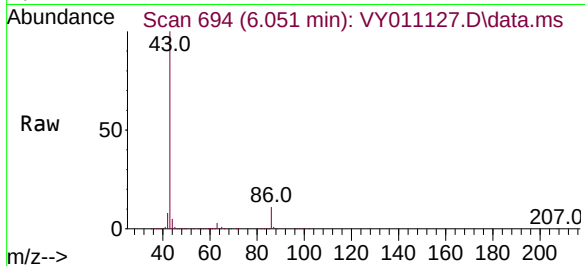




#23  
 Vinyl Acetate  
 Concen: 274.601 ug/l  
 RT: 6.051 min Scan# 694  
 Delta R.T. -0.006 min  
 Lab File: VY011127.D  
 Acq: 26 Oct 2022 19:21

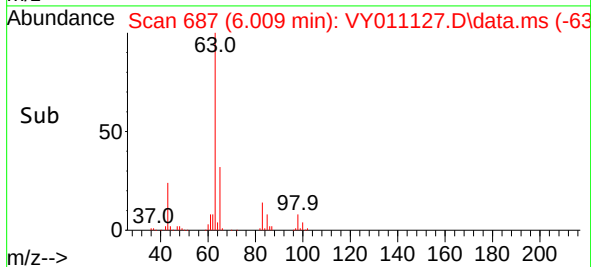
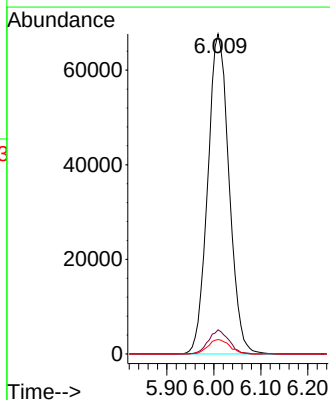
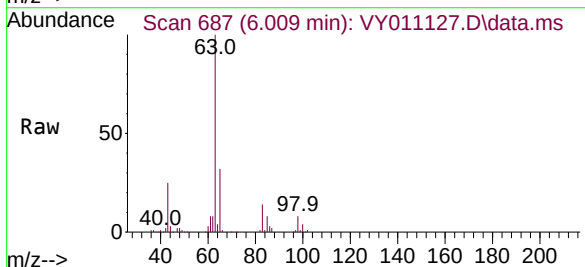
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1136410  
 Ion Ratio Lower Upper  
 43 100  
 86 11.4 7.1 10.7#

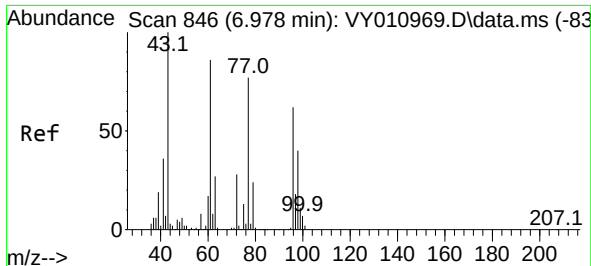


#24  
 1,1-Dichloroethane  
 Concen: 51.007 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. -0.006 min  
 Lab File: VY011127.D  
 Acq: 26 Oct 2022 19:21

Tgt Ion: 63 Resp: 213128  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.6 10.8  
 100 4.5 2.0 5.8







#25

2-Butanone

Concen: 262.911 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

Instrument :

MSVOA\_Y

ClientSampleId :

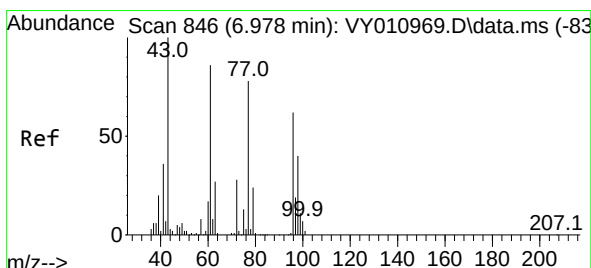
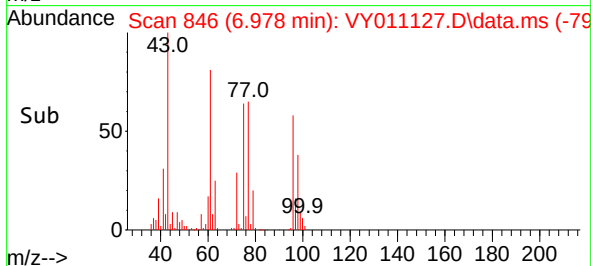
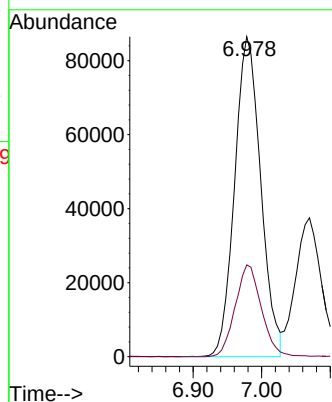
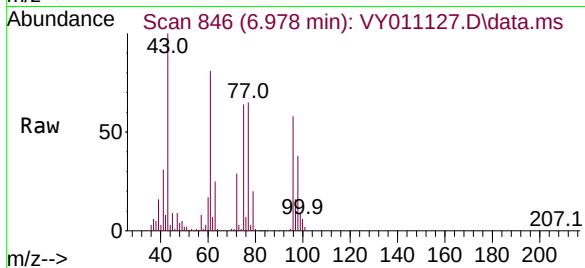
VSTDCCC050EC

Tgt Ion: 43 Resp: 229098

Ion Ratio Lower Upper

43 100

72 28.7 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 46.674 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY011127.D

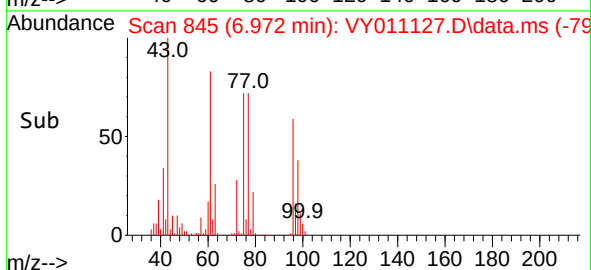
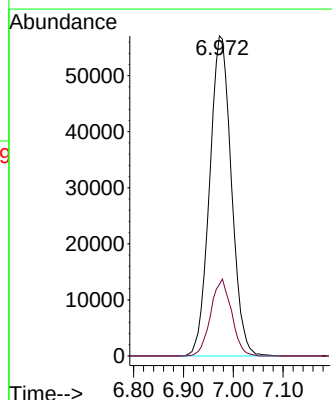
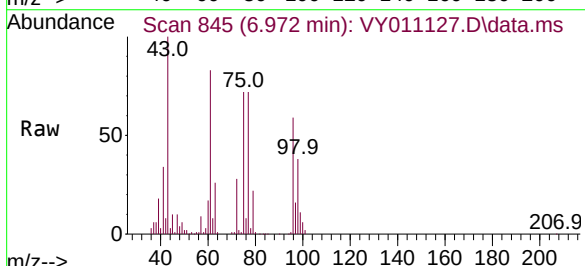
Acq: 26 Oct 2022 19:21

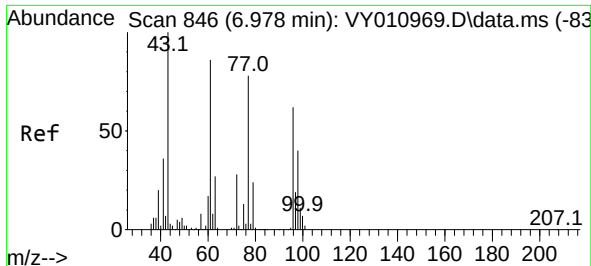
Tgt Ion: 77 Resp: 173184

Ion Ratio Lower Upper

77 100

97 23.0 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 50.790 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

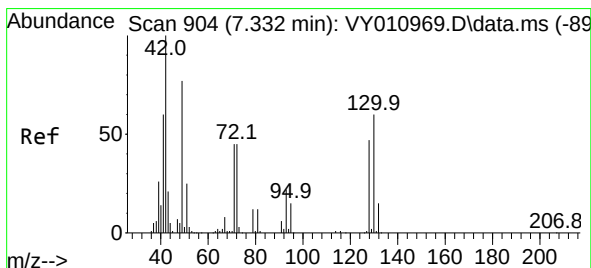
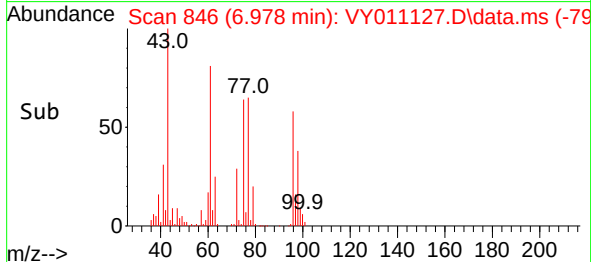
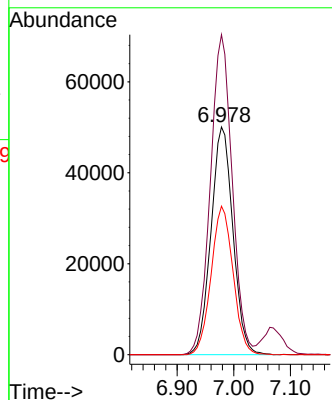
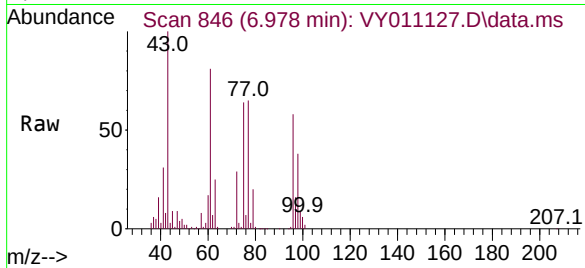
Tgt Ion: 96 Resp: 134655

Ion Ratio Lower Upper

96 100

61 139.8 0.0 319.8

98 65.1 0.0 127.0



#28

Bromochloromethane

Concen: 55.946 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

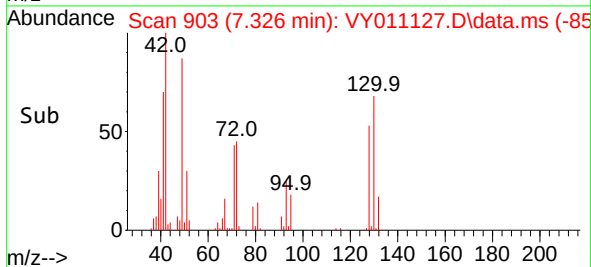
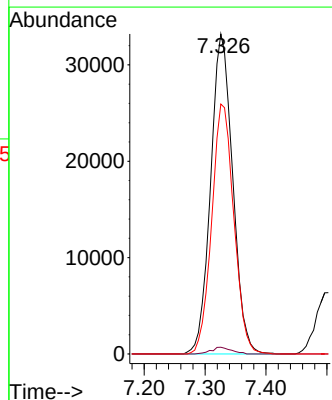
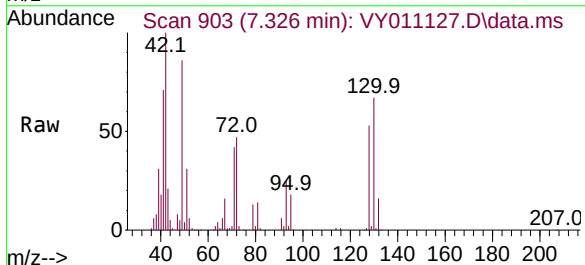
Tgt Ion: 49 Resp: 83503

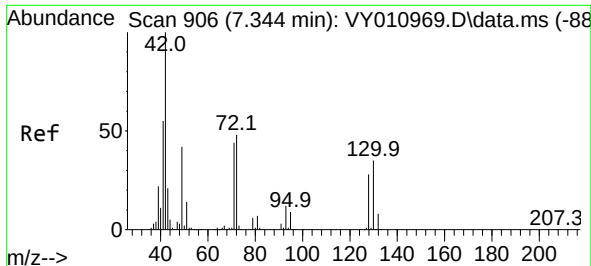
Ion Ratio Lower Upper

49 100

129 1.9 0.0 2.2

130 78.3 55.4 83.0





#29

Tetrahydrofuran

Concen: 278.076 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

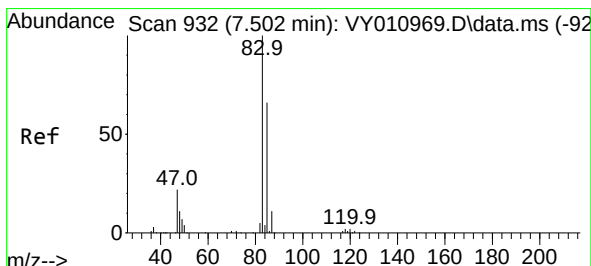
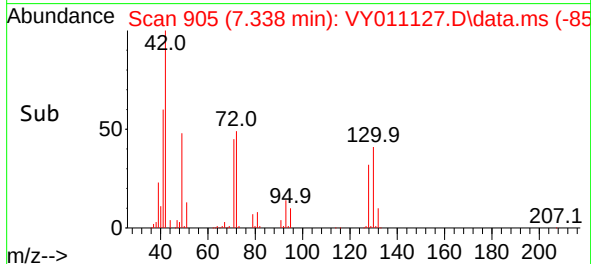
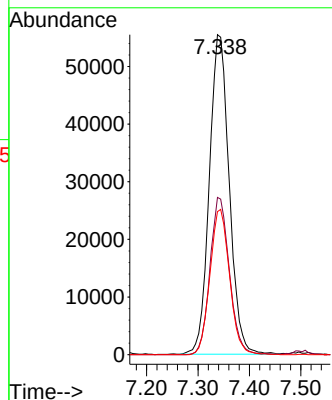
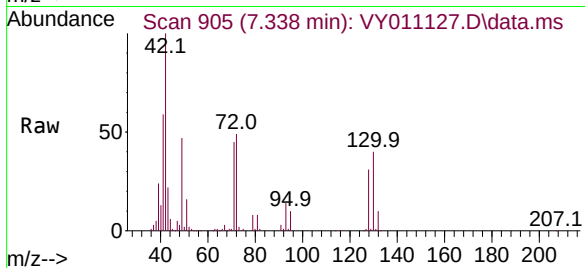
Tgt Ion: 42 Resp: 149082

Ion Ratio Lower Upper

42 100

72 47.8 30.3 45.5#

71 44.8 29.0 43.4#



#30

Chloroform

Concen: 53.122 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY011127.D

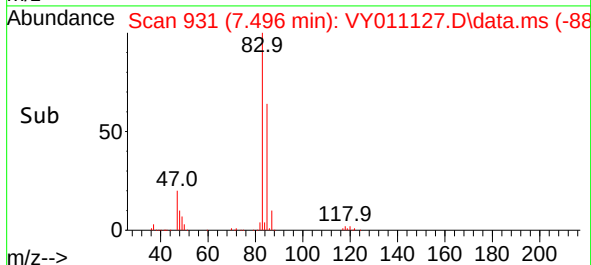
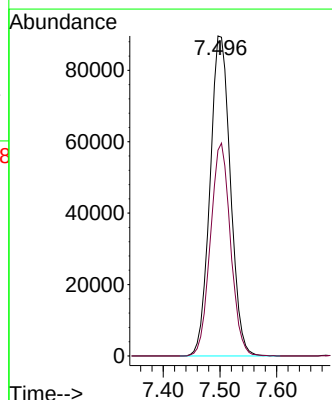
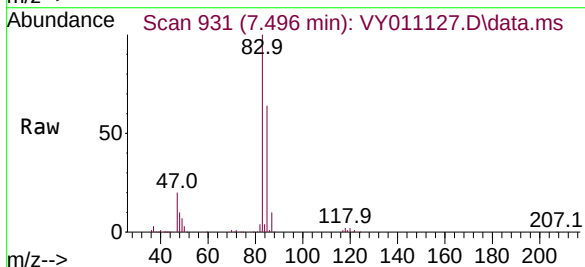
Acq: 26 Oct 2022 19:21

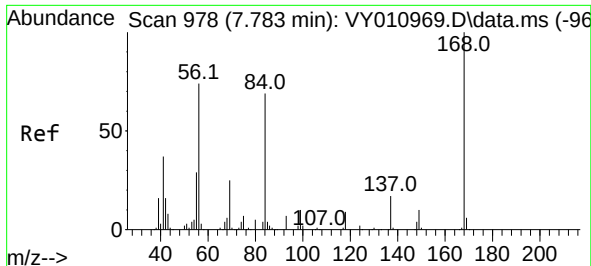
Tgt Ion: 83 Resp: 223751

Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.6

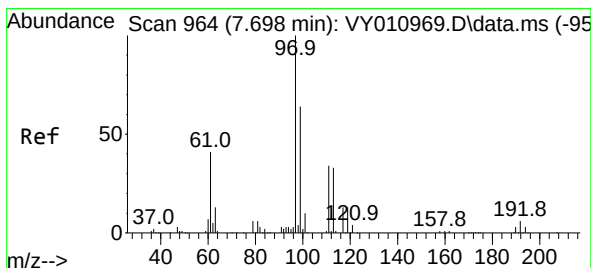
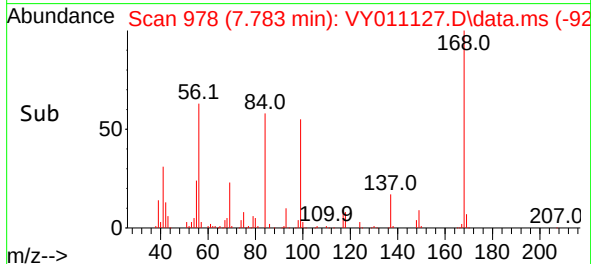
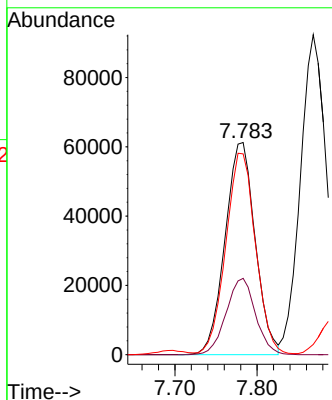
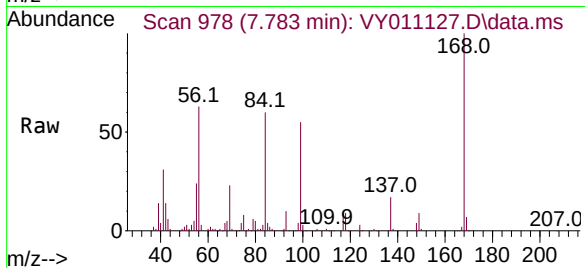




#31  
Cyclohexane  
Concen: 41.171 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

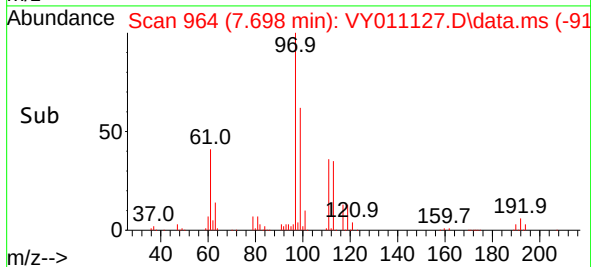
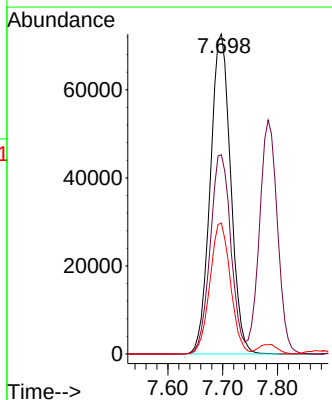
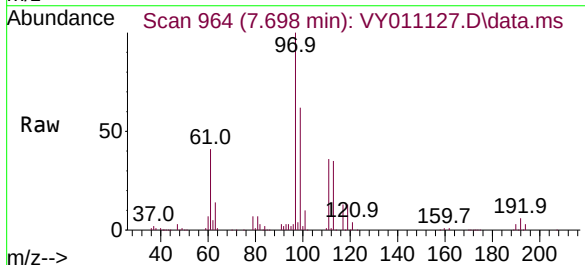
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

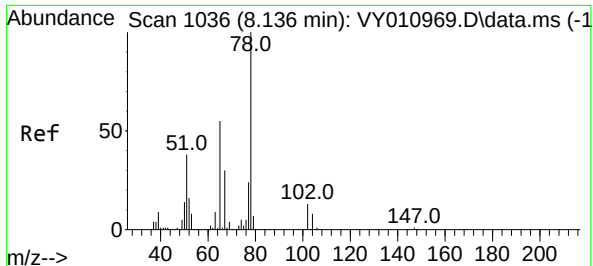
Tgt Ion: 56 Resp: 155887  
Ion Ratio Lower Upper  
56 100  
69 36.0 26.7 40.1  
84 93.0 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 50.609 ug/l  
RT: 7.698 min Scan# 964  
Delta R.T. -0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion: 97 Resp: 187374  
Ion Ratio Lower Upper  
97 100  
99 63.3 50.7 76.1  
61 41.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 44.444 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

Instrument :

MSVOA\_Y

ClientSampleId :

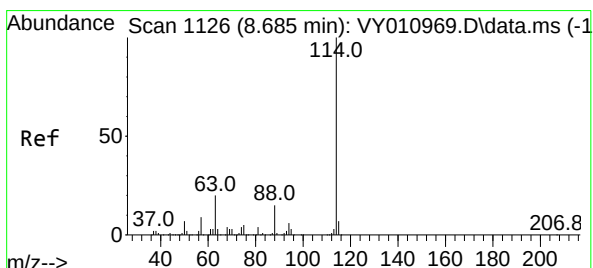
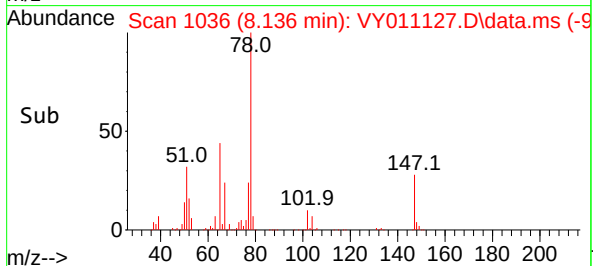
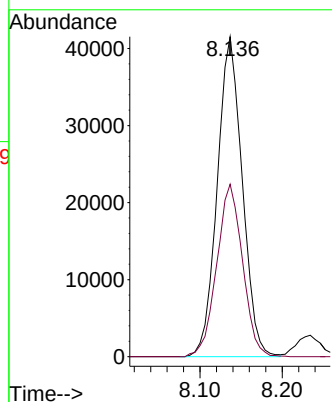
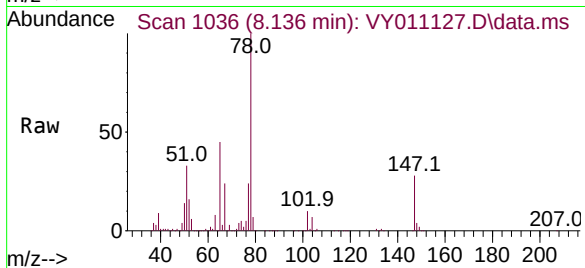
VSTDCCC050EC

Tgt Ion: 65 Resp: 87940

Ion Ratio Lower Upper

65 100

67 55.6 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: VY011127.D

Acq: 26 Oct 2022 19:21

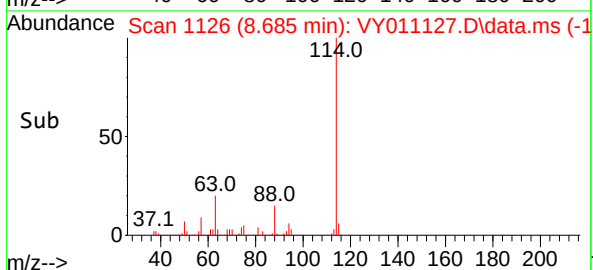
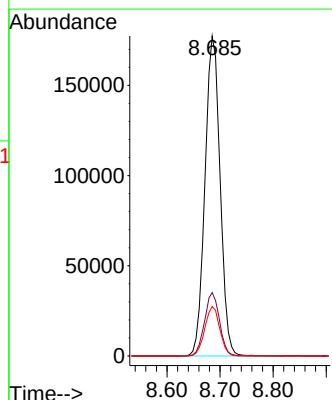
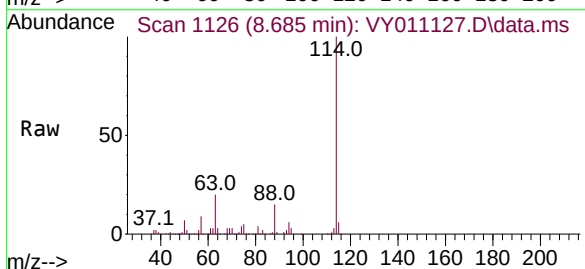
Tgt Ion: 114 Resp: 350894

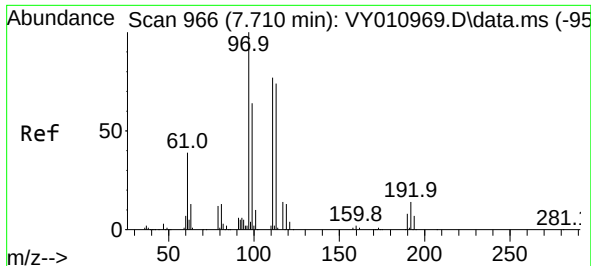
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.5 0.0 31.8

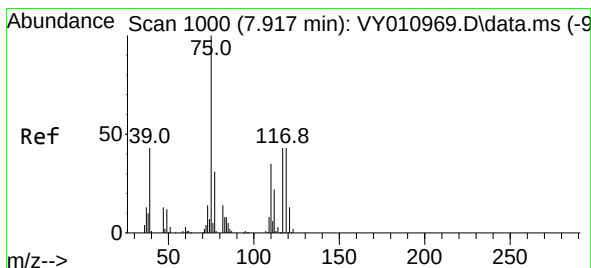
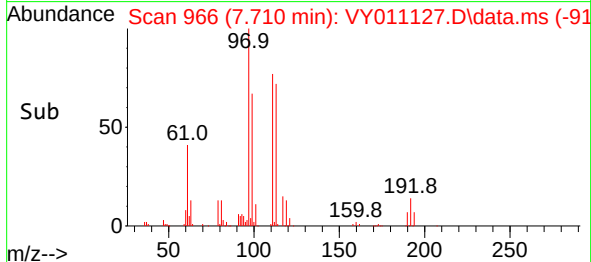
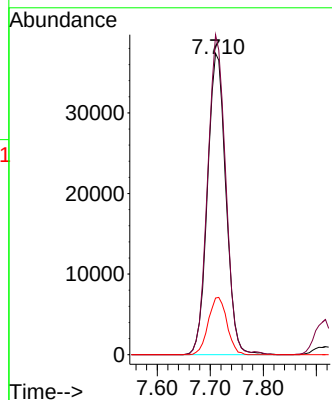
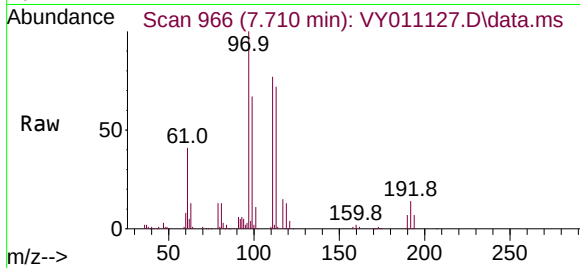




#35  
Dibromofluoromethane  
Concen: 45.888 ug/l  
RT: 7.710 min Scan# 901  
Delta R.T. -0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

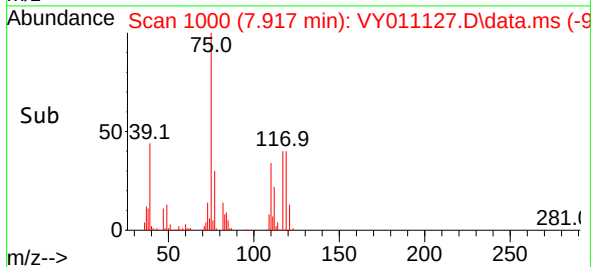
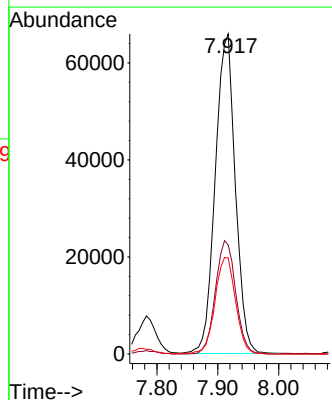
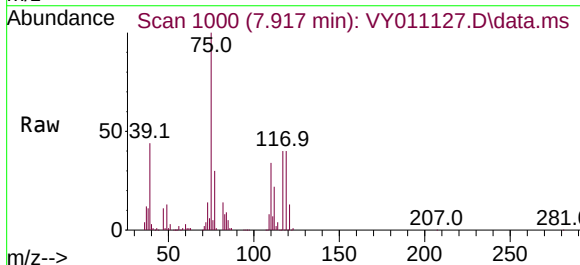
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

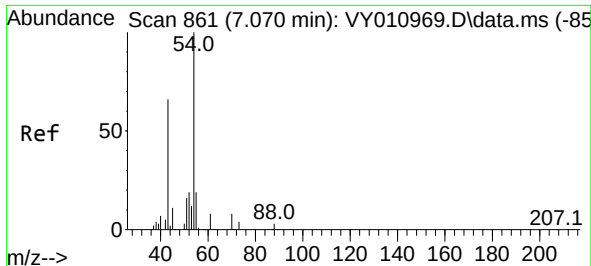
Tgt Ion:113 Resp: 90102  
Ion Ratio Lower Upper  
113 100  
111 103.8 82.6 124.0  
192 19.3 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 46.167 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion: 75 Resp: 150804  
Ion Ratio Lower Upper  
75 100  
110 35.7 17.1 51.2  
77 31.1 24.4 36.6

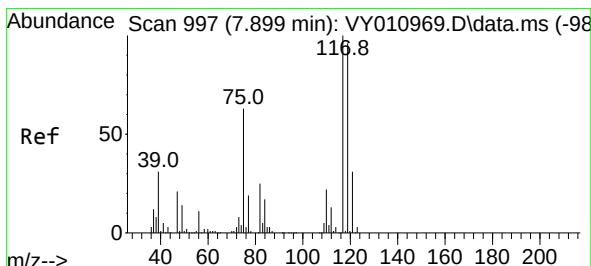
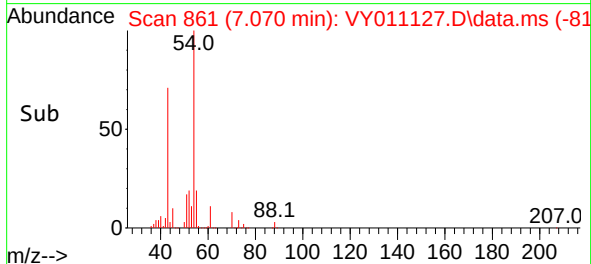
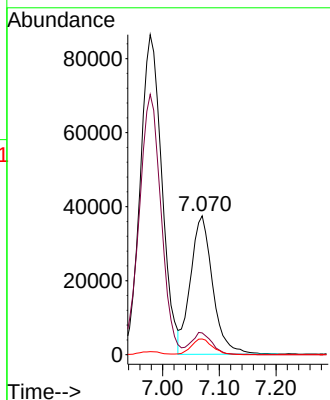
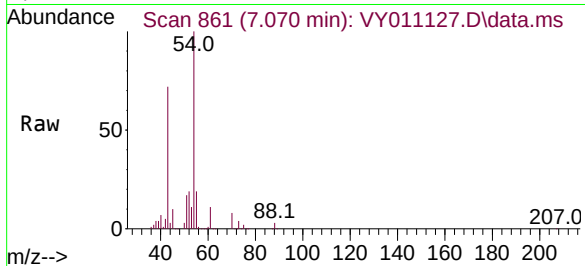




#37  
Ethyl Acetate  
Concen: 56.062 ug/l  
RT: 7.070 min Scan# 861  
Delta R.T. -0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

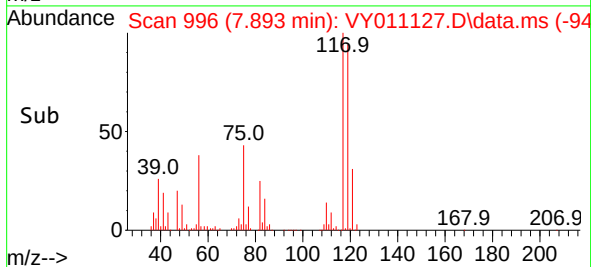
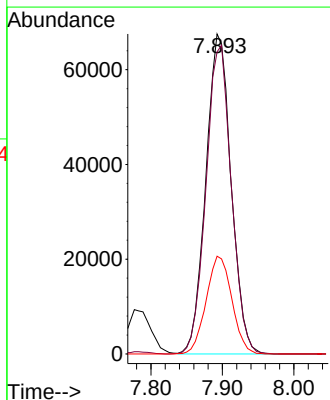
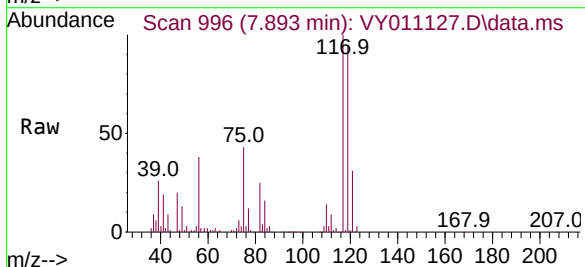
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

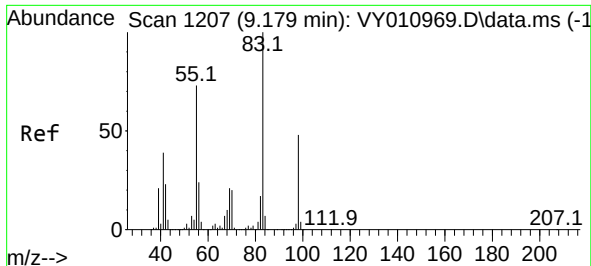
Tgt Ion: 43 Resp: 101387  
Ion Ratio Lower Upper  
43 100  
61 15.3 9.7 14.5#  
70 10.9 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 49.170 ug/l  
RT: 7.893 min Scan# 996  
Delta R.T. -0.006 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion: 117 Resp: 165797  
Ion Ratio Lower Upper  
117 100  
119 94.4 77.9 116.9  
121 30.6 24.8 37.2





#39

Methylcyclohexane

Concen: 43.822 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

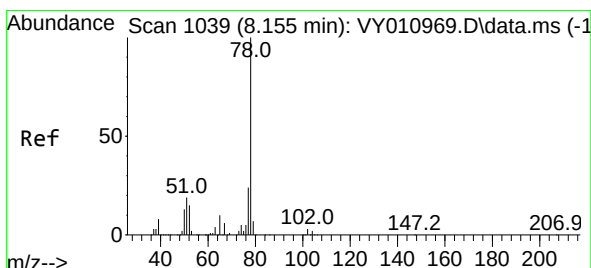
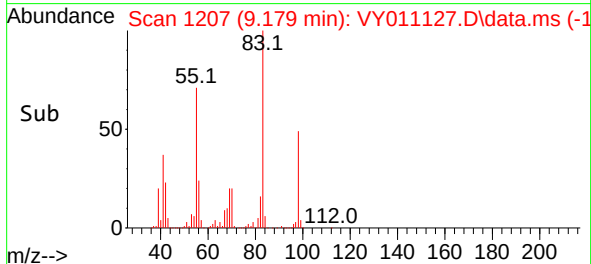
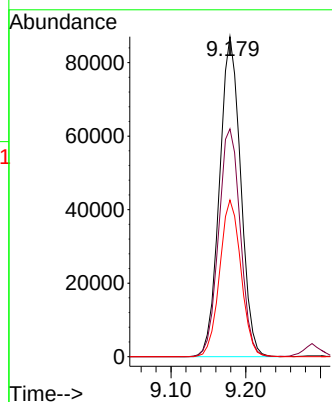
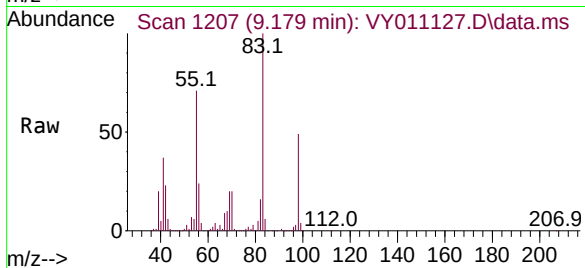
Tgt Ion: 83 Resp: 171451

Ion Ratio Lower Upper

83 100

55 71.2 66.5 99.7

98 49.0 37.9 56.9



#40

Benzene

Concen: 48.819 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY011127.D

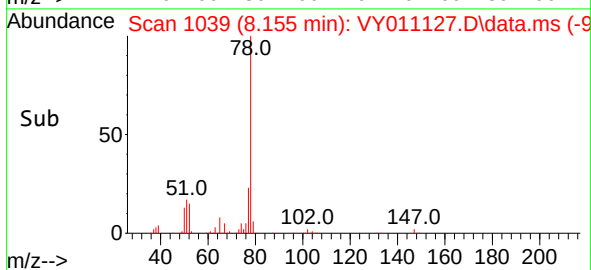
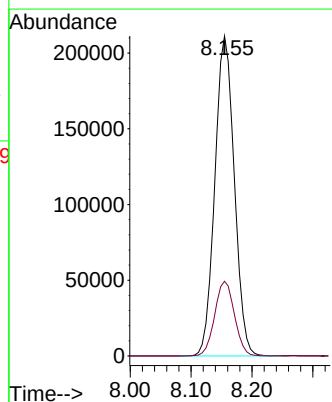
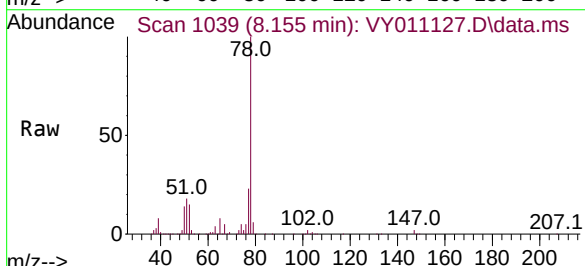
Acq: 26 Oct 2022 19:21

Tgt Ion: 78 Resp: 467902

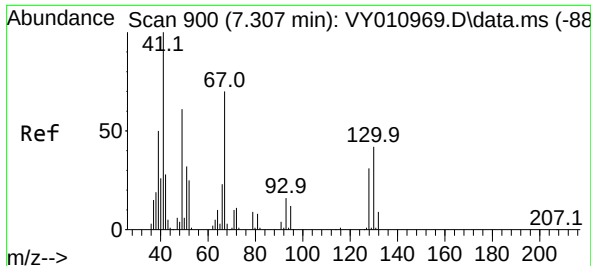
Ion Ratio Lower Upper

78 100

77 23.3 20.4 30.6



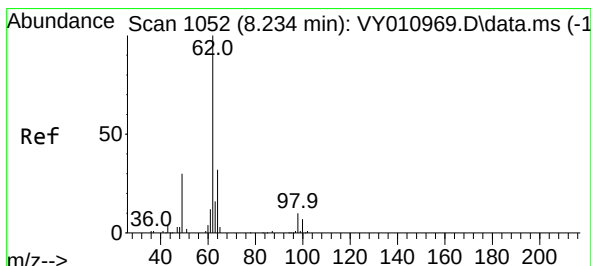
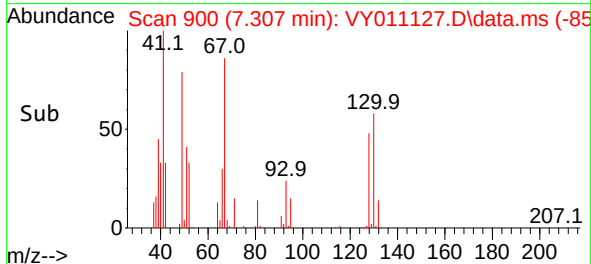
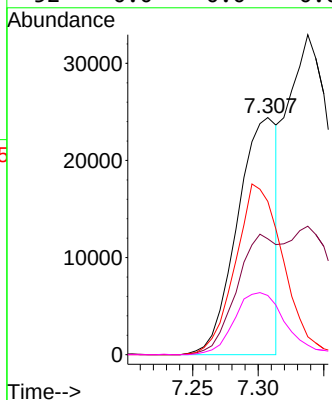
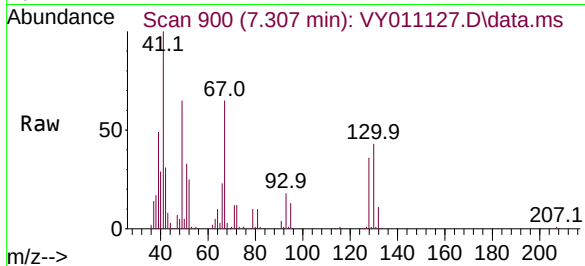




#41  
Methacrylonitrile  
Concen: 52.712 ug/l m  
RT: 7.307 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

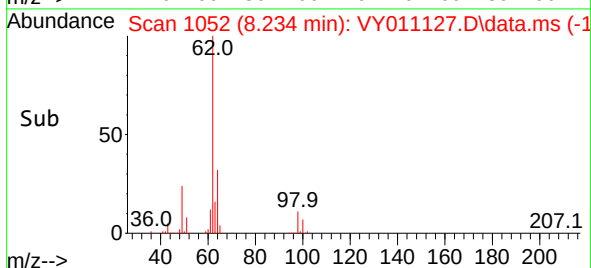
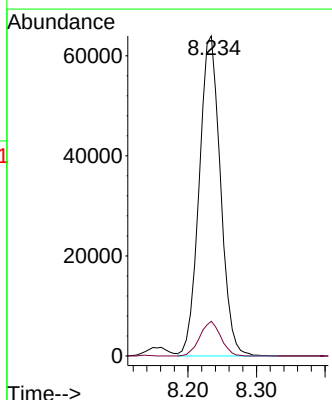
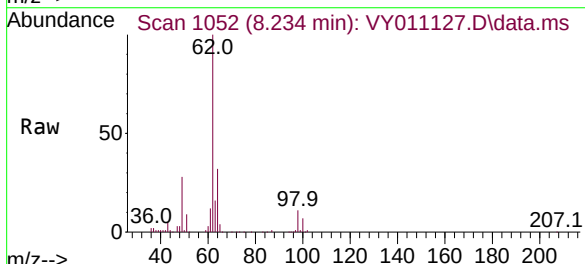
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

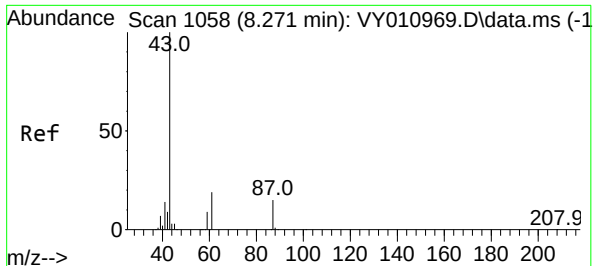
Tgt Ion: 41 Resp: 51659  
Ion Ratio Lower Upper  
41 100  
39 0.0 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 51.981 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. 0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion: 62 Resp: 138045  
Ion Ratio Lower Upper  
62 100  
98 10.6 0.0 14.8





#43

Isopropyl Acetate

Concen: 54.053 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

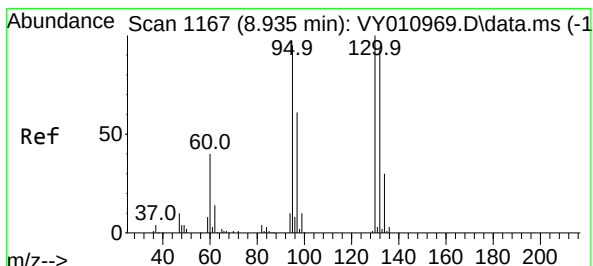
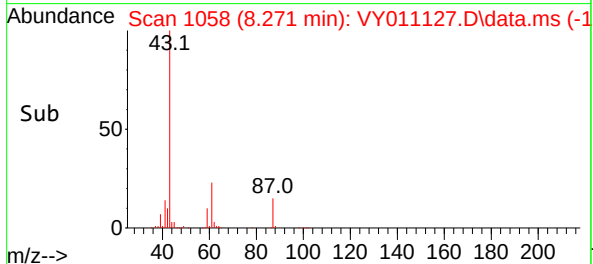
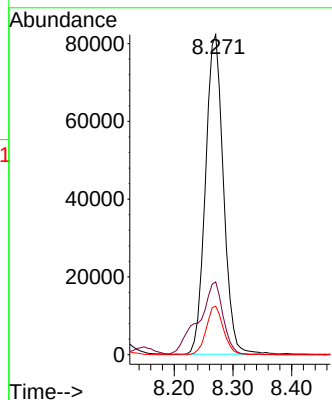
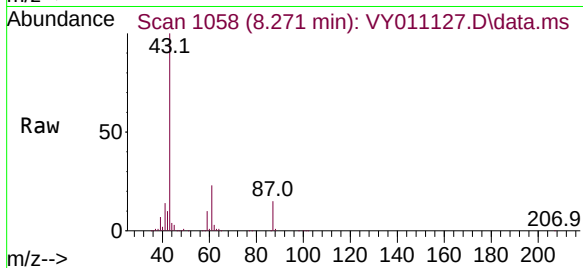
Tgt Ion: 43 Resp: 174656

Ion Ratio Lower Upper

43 100

61 30.7 20.2 30.2#

87 14.5 8.9 13.3#



#44

Trichloroethene

Concen: 48.161 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY011127.D

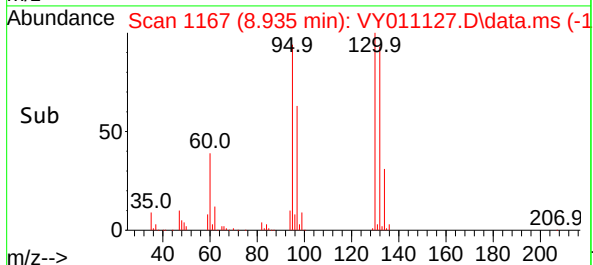
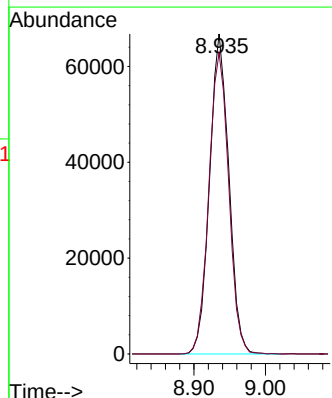
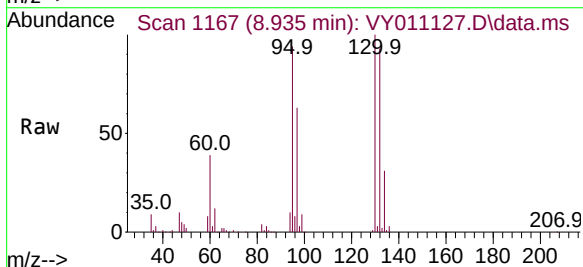
Acq: 26 Oct 2022 19:21

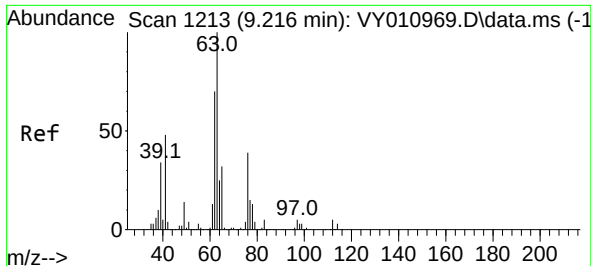
Tgt Ion:130 Resp: 125087

Ion Ratio Lower Upper

130 100

95 94.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 52.526 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.007 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

Instrument :

MSVOA\_Y

ClientSampleId :

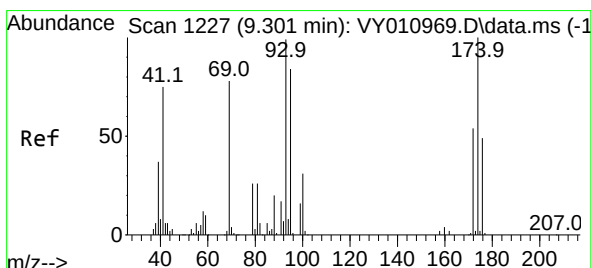
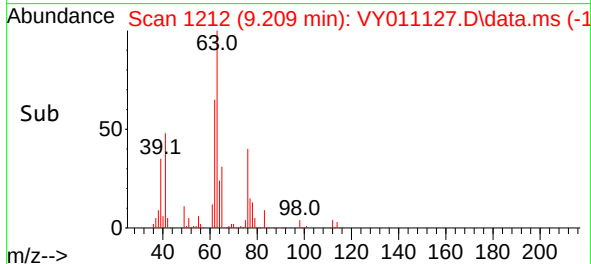
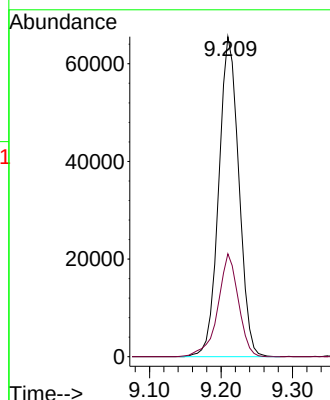
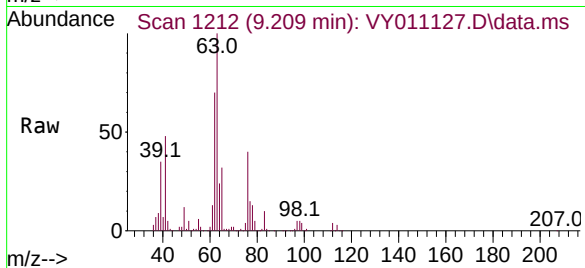
VSTDCCC050EC

Tgt Ion: 63 Resp: 127731

Ion Ratio Lower Upper

63 100

65 32.2 23.0 34.6



#46

Dibromomethane

Concen: 53.621 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

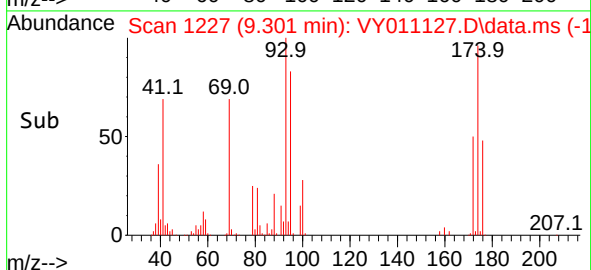
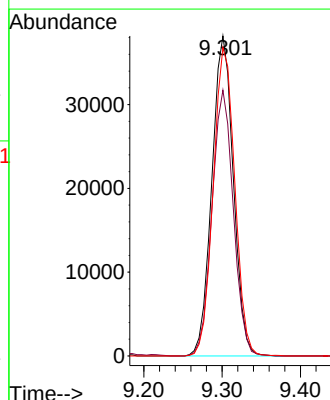
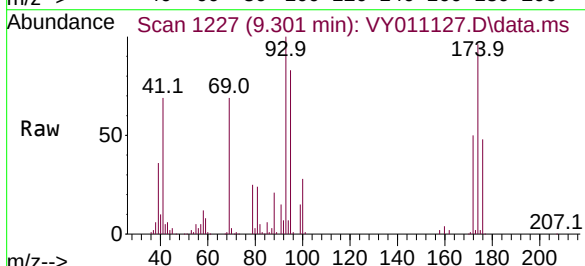
Tgt Ion: 93 Resp: 72727

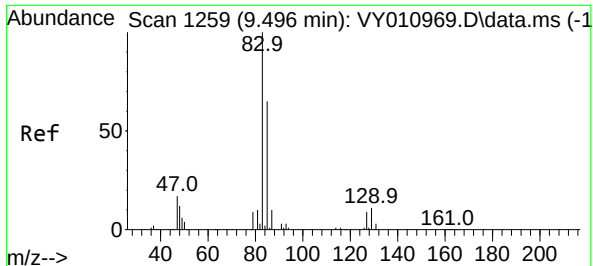
Ion Ratio Lower Upper

93 100

95 82.6 64.3 96.5

174 96.9 83.4 125.0

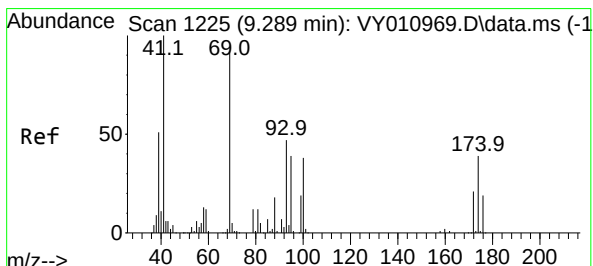
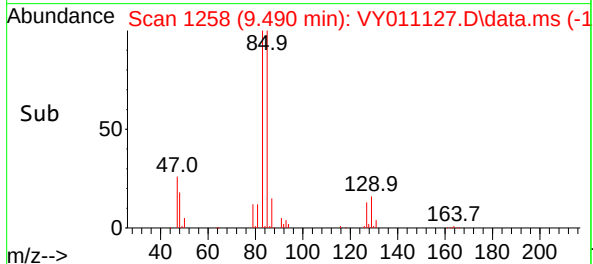
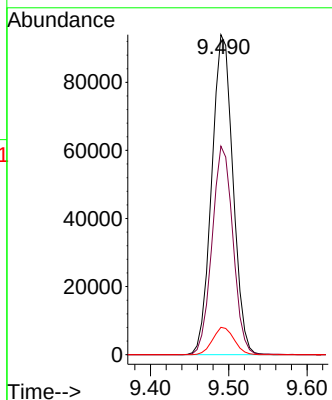
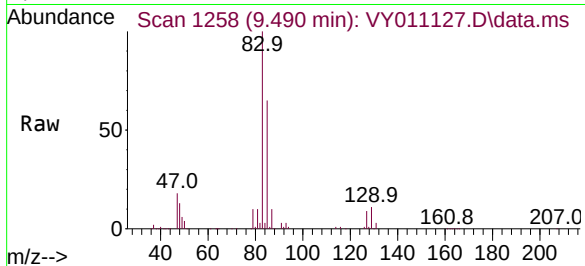




#47  
Bromodichloromethane  
Concen: 54.119 ug/l  
RT: 9.490 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

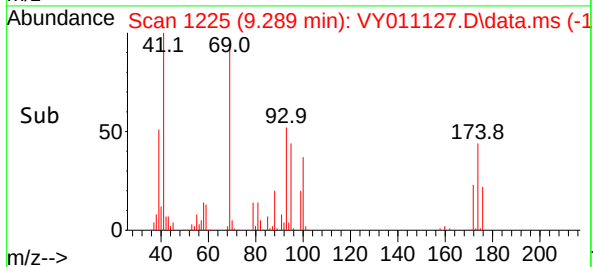
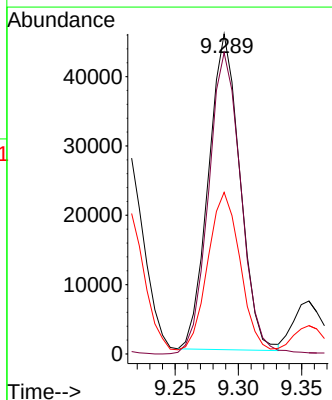
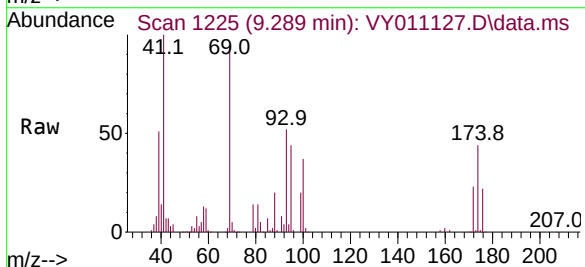
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

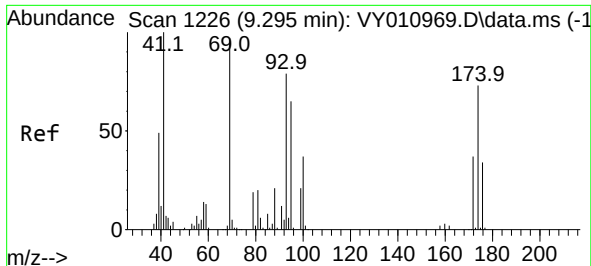
Tgt Ion: 83 Resp: 176886  
Ion Ratio Lower Upper  
83 100  
85 65.1 51.9 77.9  
127 8.6 6.6 10.0



#48  
Methyl methacrylate  
Concen: 54.531 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion: 41 Resp: 78857  
Ion Ratio Lower Upper  
41 100  
69 98.5 58.2 87.2#  
39 53.4 47.4 71.0





#49

1,4-Dioxane

Concen: 1130.281 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

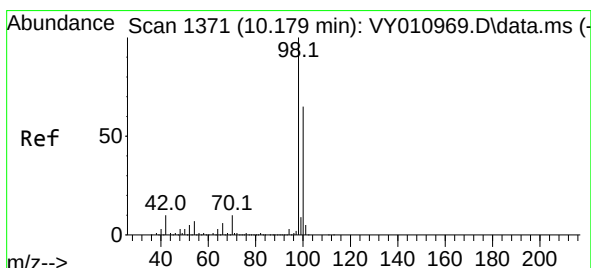
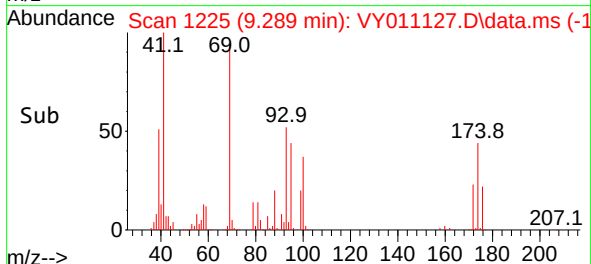
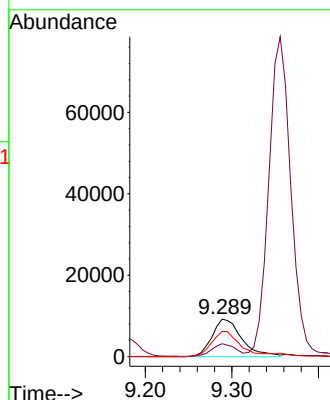
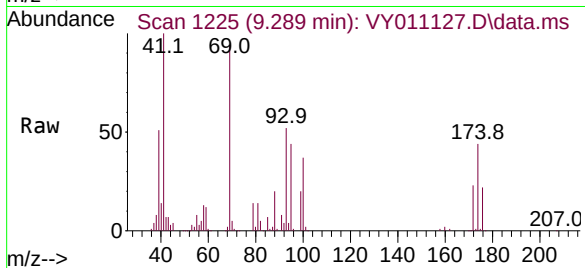
Tgt Ion: 88 Resp: 22026

Ion Ratio Lower Upper

88 100

43 26.4 32.8 49.2#

58 63.2 59.8 89.6



#50

Toluene-d8

Concen: 41.169 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY011127.D

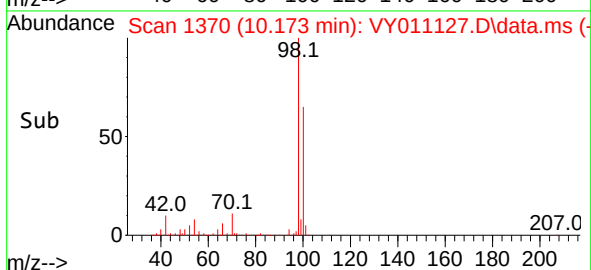
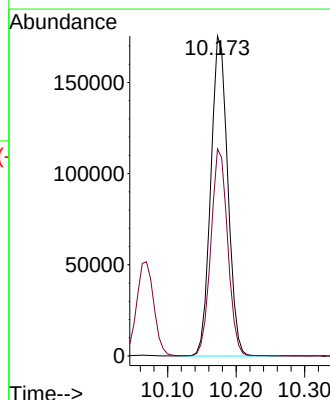
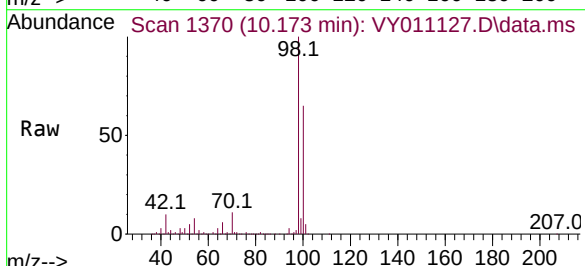
Acq: 26 Oct 2022 19:21

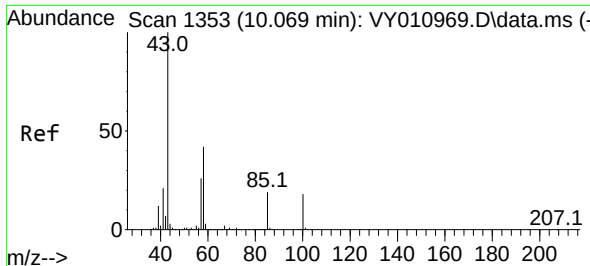
Tgt Ion: 98 Resp: 301634

Ion Ratio Lower Upper

98 100

100 64.1 50.2 75.2

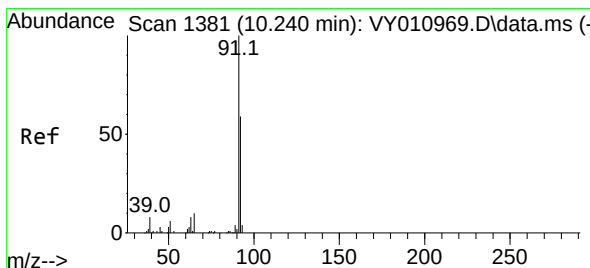
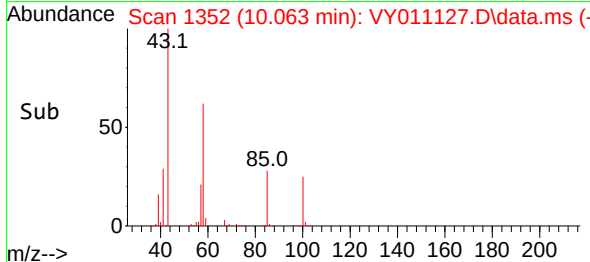
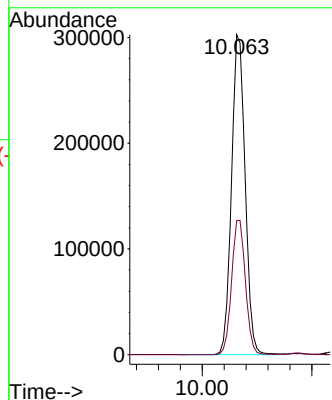
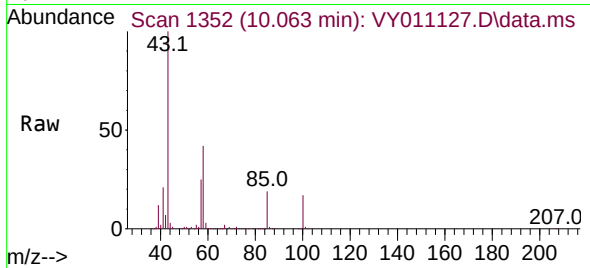




#51  
4-Methyl-2-Pentanone  
Concen: 289.542 ug/l  
RT: 10.063 min Scan# 1352  
Delta R.T. -0.006 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

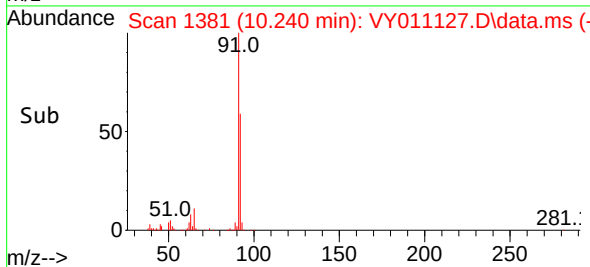
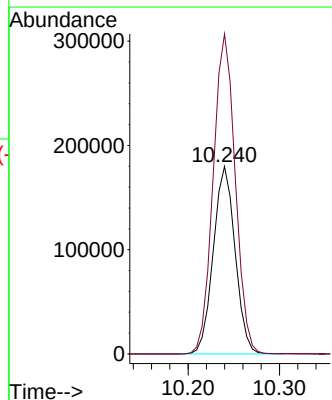
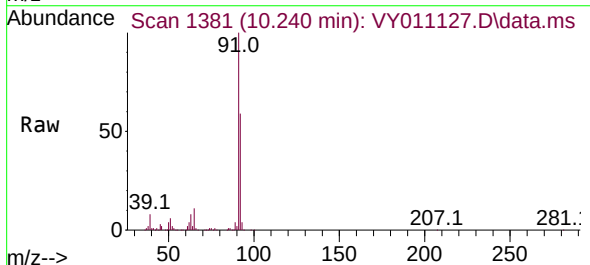
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

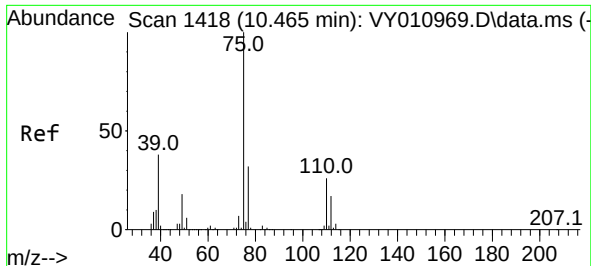
Tgt Ion: 43 Resp: 521758  
Ion Ratio Lower Upper  
43 100  
58 42.6 28.1 42.1#



#52  
Toluene  
Concen: 50.043 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion: 92 Resp: 297968  
Ion Ratio Lower Upper  
92 100  
91 172.9 142.6 213.8

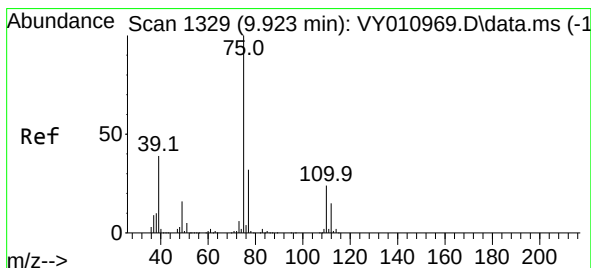
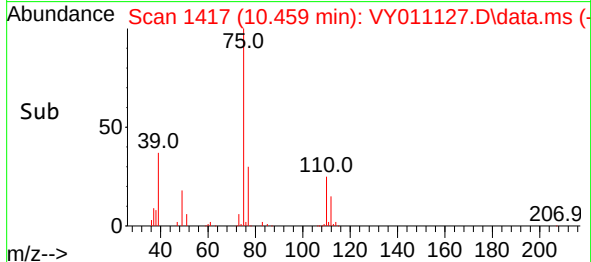
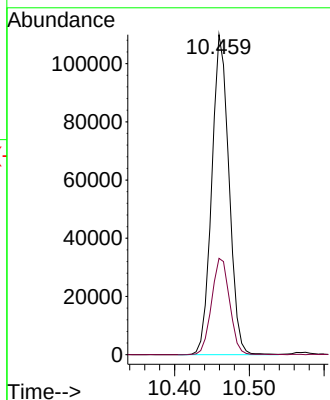
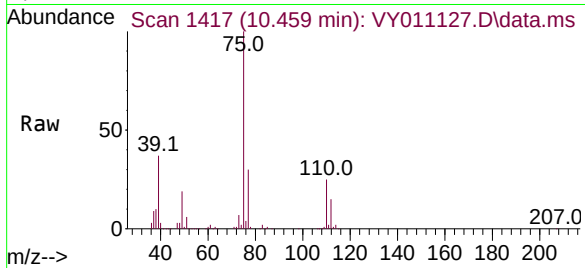




#53  
t-1,3-Dichloropropene  
Concen: 51.921 ug/l  
RT: 10.459 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

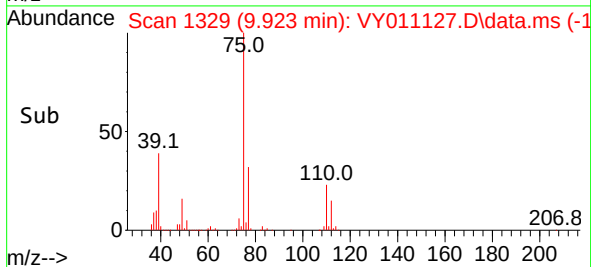
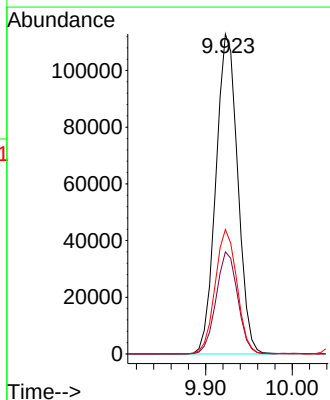
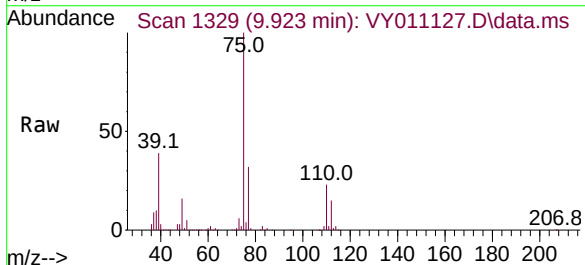
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

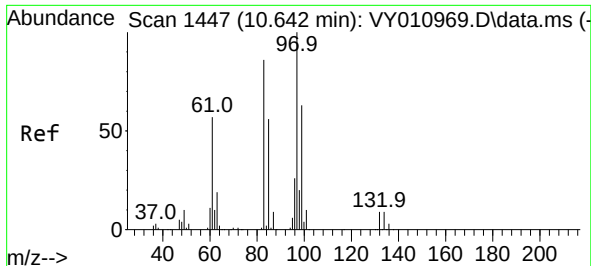
Tgt Ion: 75 Resp: 176298  
Ion Ratio Lower Upper  
75 100  
77 30.1 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 50.860 ug/l  
RT: 9.923 min Scan# 1329  
Delta R.T. -0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion: 75 Resp: 197621  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.6 38.4  
39 38.8 47.6 71.4#

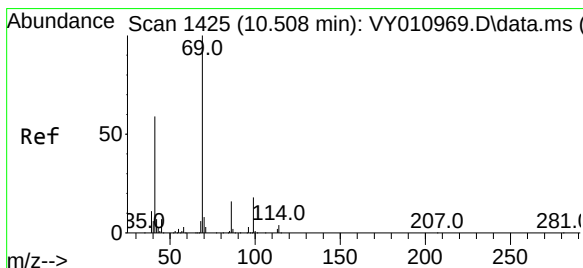
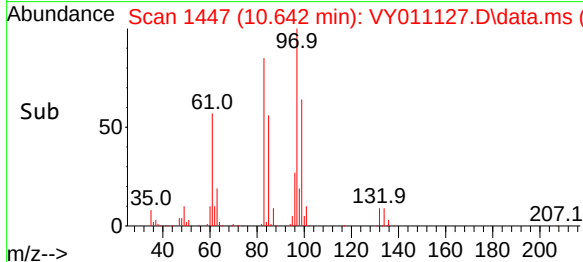
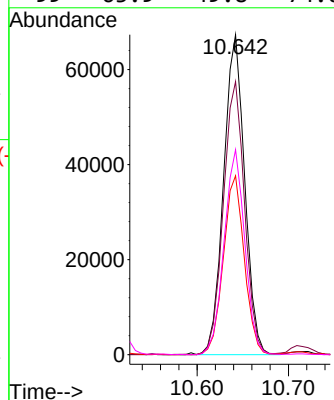
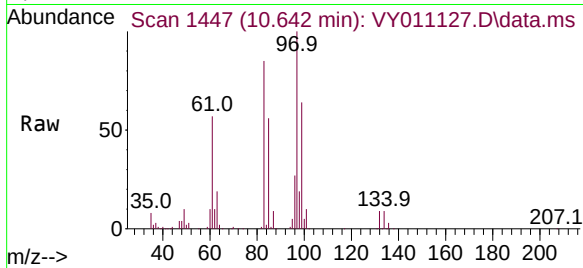




#55  
1,1,2-Trichloroethane  
Concen: 55.200 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

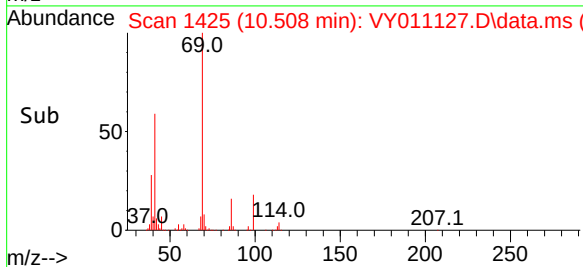
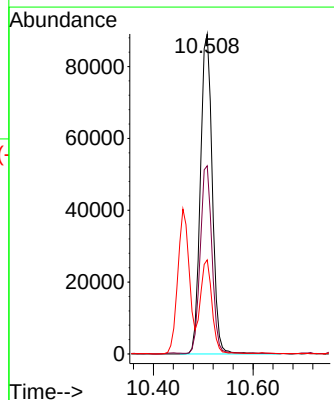
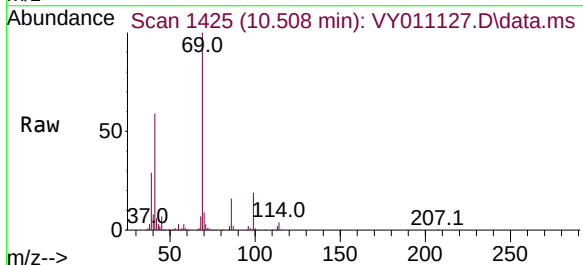
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 108006 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 85.3  | 69.8  | 104.8  |
| 85       | 55.9  | 44.3  | 66.5   |
| 99       | 63.9  | 49.8  | 74.6   |

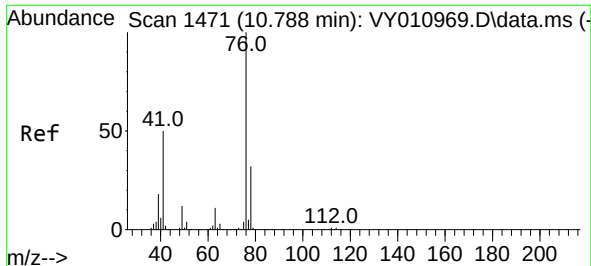


#56  
Ethyl methacrylate  
Concen: 56.461 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 146727 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 57.9  | 63.4  | 95.0#  |
| 39       | 28.4  | 35.8  | 53.8#  |







#57

1,3-Dichloropropane

Concen: 53.450 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

Instrument :

MSVOA\_Y

ClientSampleId :

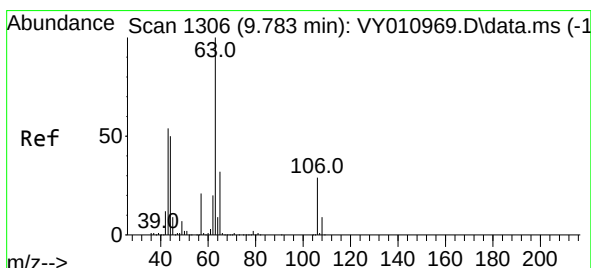
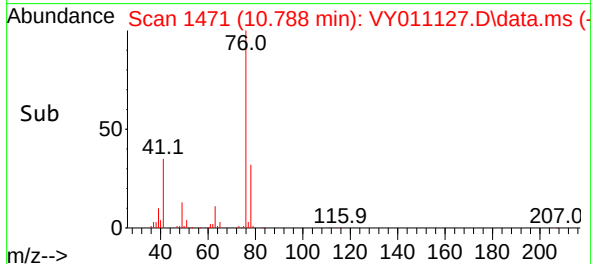
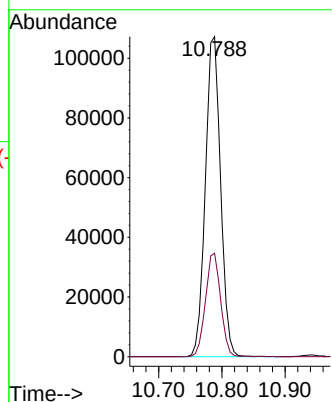
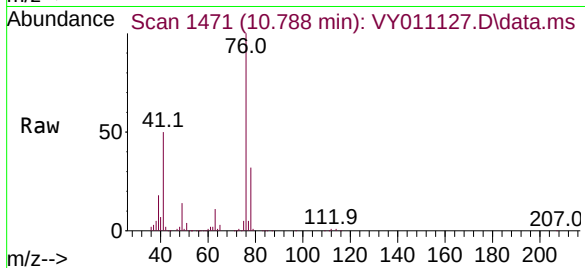
VSTDCCC050EC

Tgt Ion: 76 Resp: 179816

Ion Ratio Lower Upper

76 100

78 32.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 274.399 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.007 min

Lab File: VY011127.D

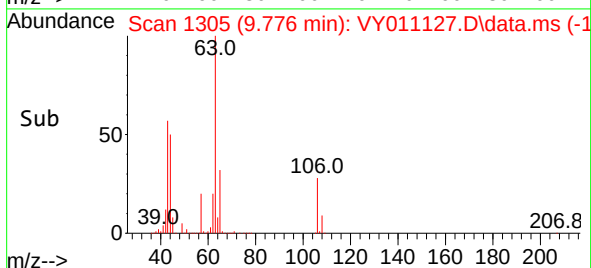
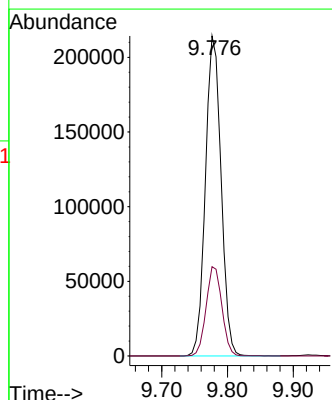
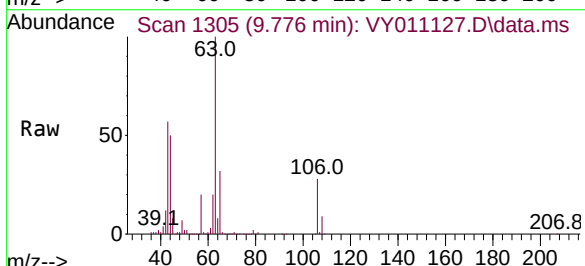
Acq: 26 Oct 2022 19:21

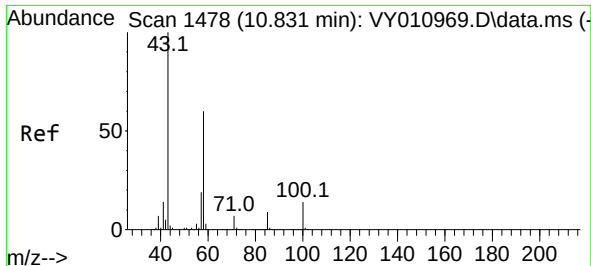
Tgt Ion: 63 Resp: 355103

Ion Ratio Lower Upper

63 100

106 28.1 21.5 32.3

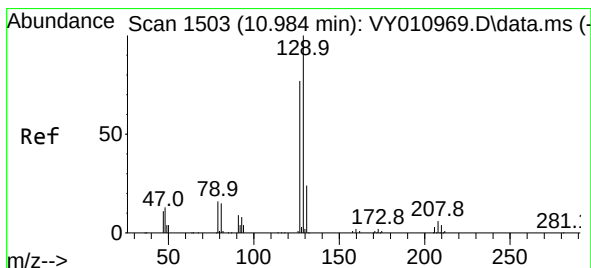
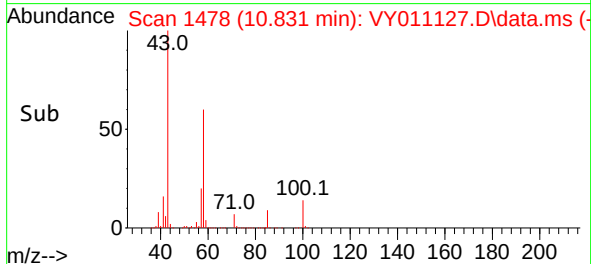
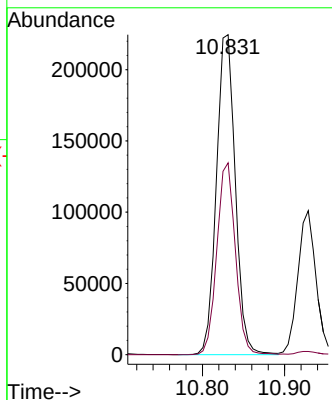
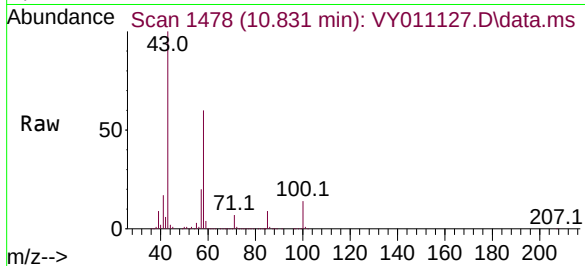




#59  
2-Hexanone  
Concen: 289.907 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

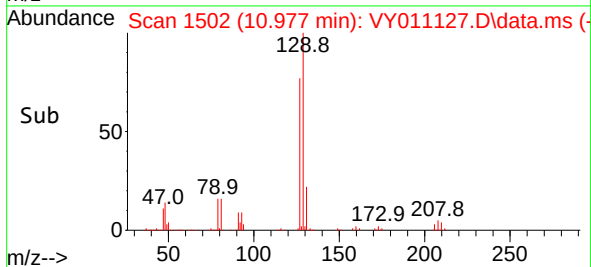
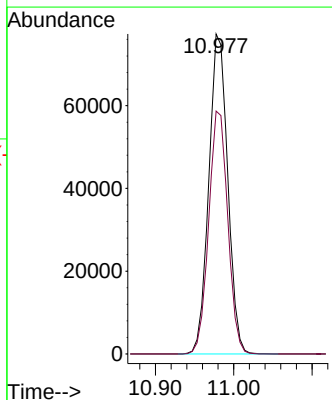
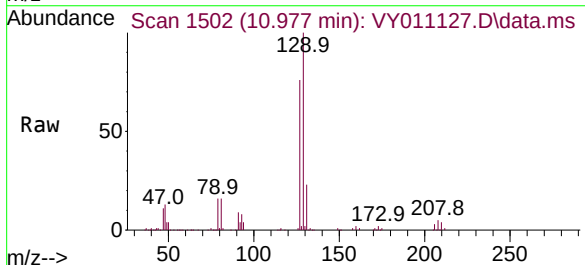
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

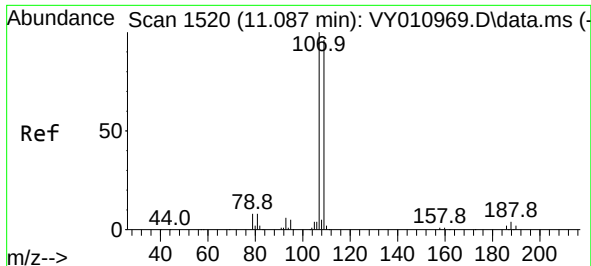
Tgt Ion: 43 Resp: 358855  
Ion Ratio Lower Upper  
43 100  
58 58.8 24.4 73.4



#60  
Dibromochloromethane  
Concen: 55.662 ug/l  
RT: 10.977 min Scan# 1502  
Delta R.T. -0.007 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion: 129 Resp: 129506  
Ion Ratio Lower Upper  
129 100  
127 76.6 38.7 116.1

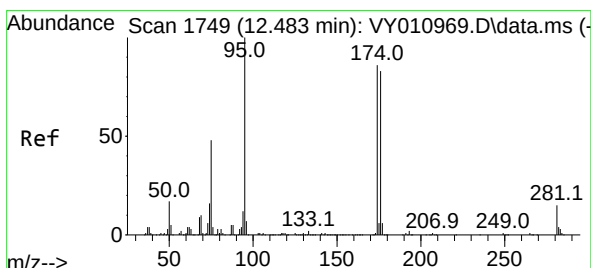
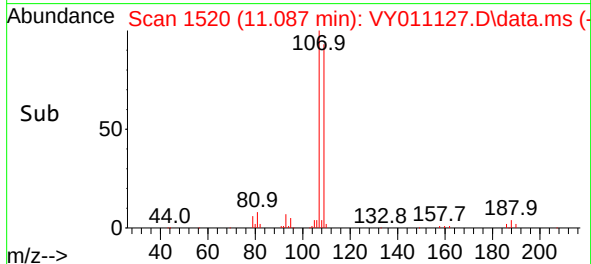
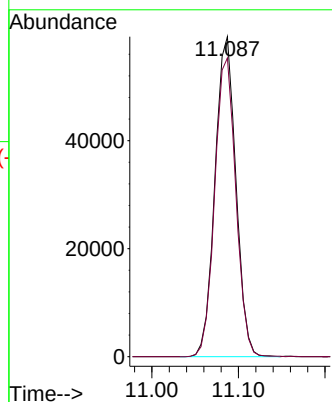
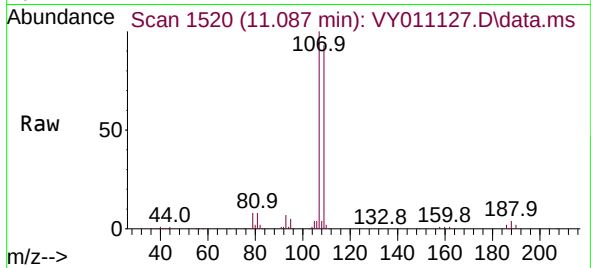




#61  
1,2-Dibromoethane  
Concen: 53.017 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

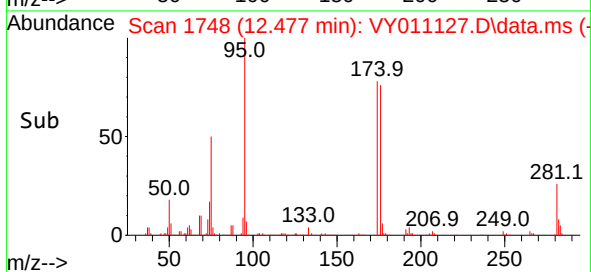
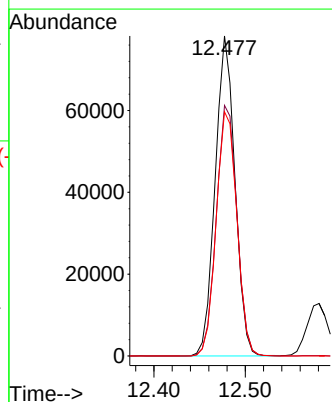
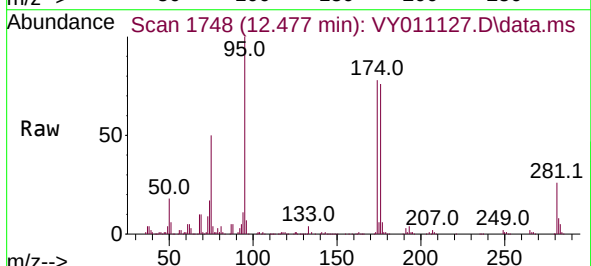
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

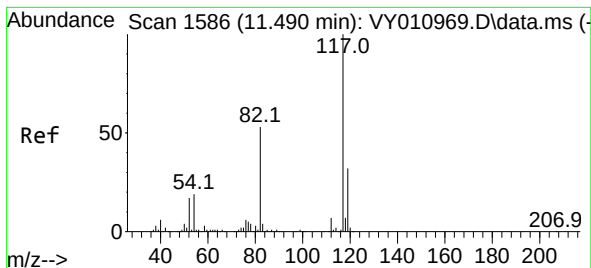
Tgt Ion:107 Resp: 99340  
Ion Ratio Lower Upper  
107 100  
109 94.2 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 45.108 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion: 95 Resp: 117849  
Ion Ratio Lower Upper  
95 100  
174 81.6 0.0 177.0  
176 79.8 0.0 175.8

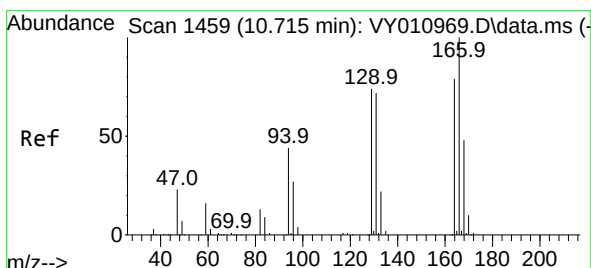
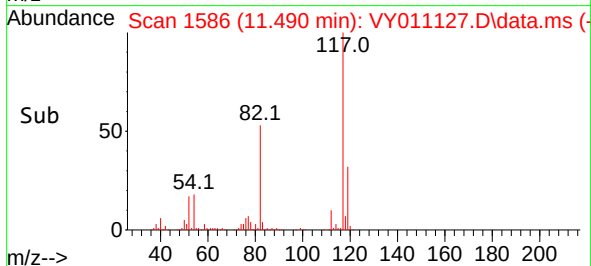
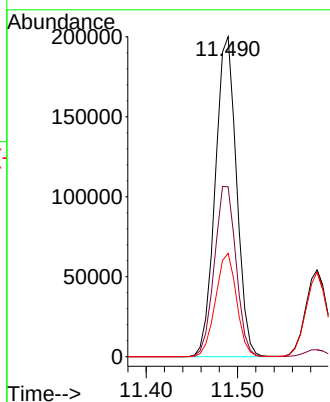
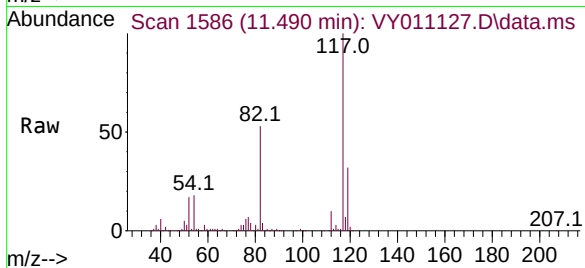




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

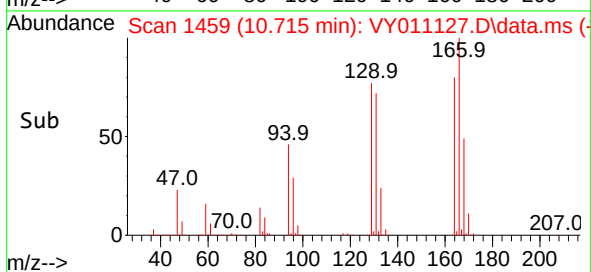
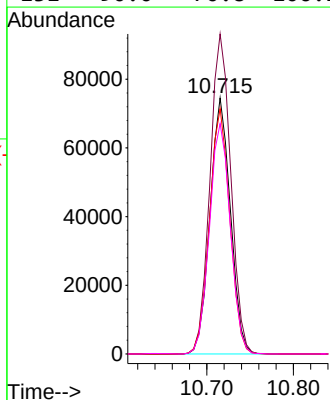
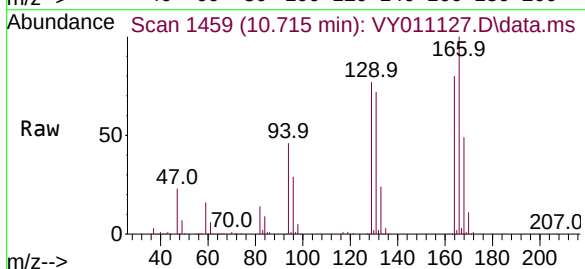
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

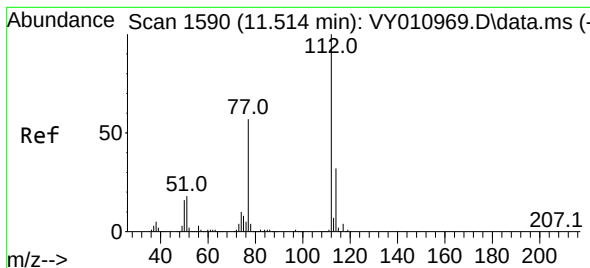
Tgt Ion:117 Resp: 323808  
Ion Ratio Lower Upper  
117 100  
82 53.1 43.0 64.4  
119 32.3 25.4 38.0



#64  
Tetrachloroethene  
Concen: 48.398 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion:164 Resp: 121995  
Ion Ratio Lower Upper  
164 100  
166 125.0 100.4 150.6  
129 95.9 71.4 107.0  
131 90.0 70.8 106.2

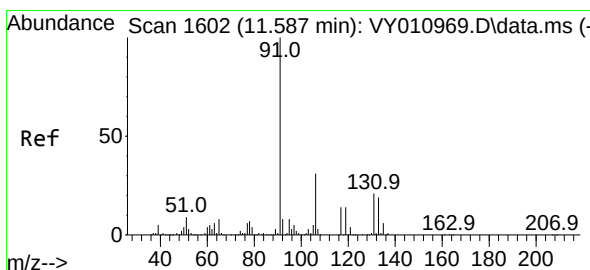
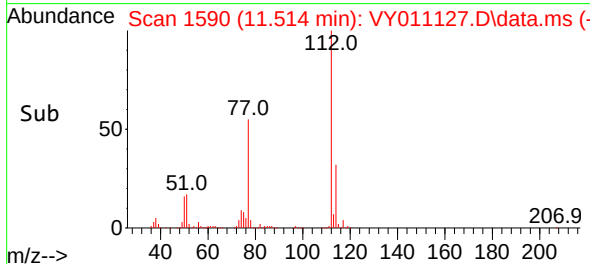
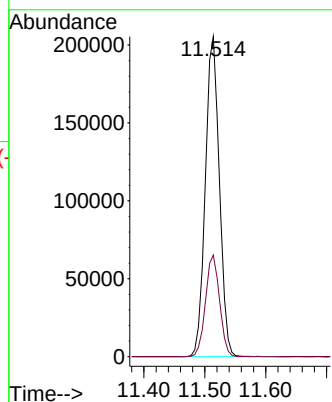
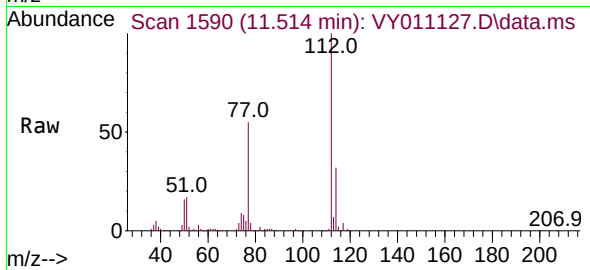




#65  
Chlorobenzene  
Concen: 49.511 ug/l  
RT: 11.514 min Scan# 1112  
Delta R.T. -0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

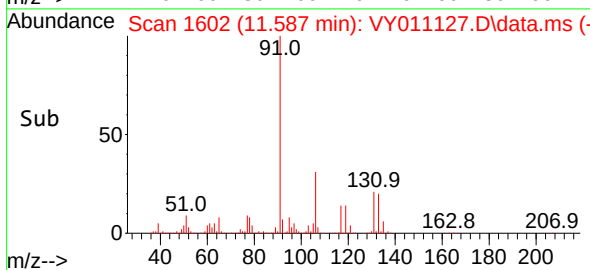
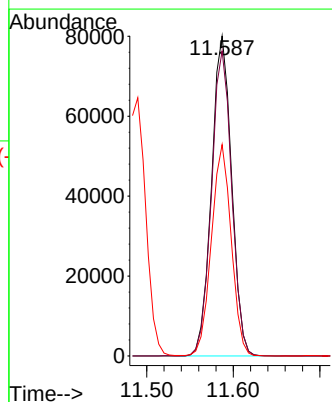
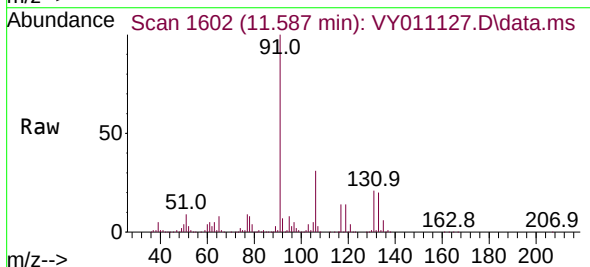
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

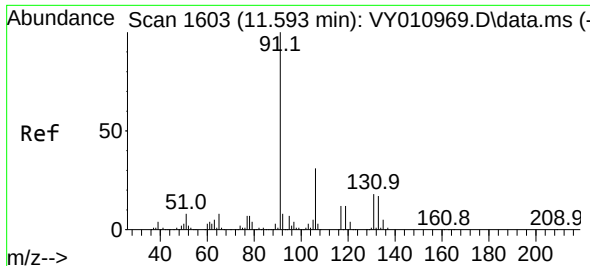
Tgt Ion:112 Resp: 329147  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.364 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion:131 Resp: 128848  
Ion Ratio Lower Upper  
131 100  
133 95.9 47.9 143.6  
119 65.3 30.8 92.3





#67

Ethyl Benzene

Concen: 49.618 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

Instrument :

MSVOA\_Y

ClientSampleId :

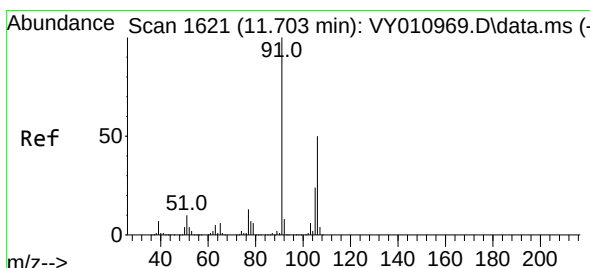
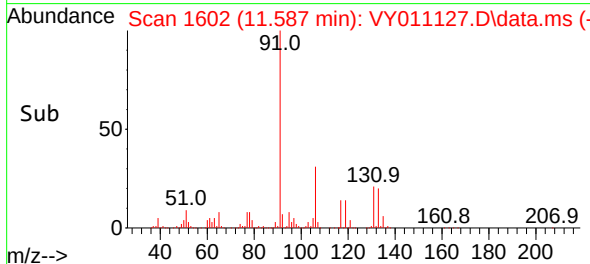
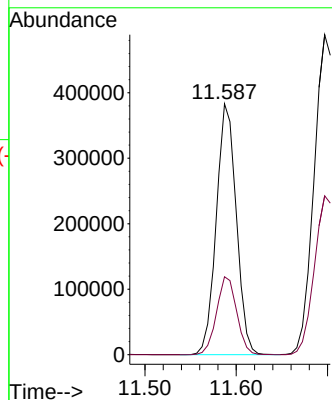
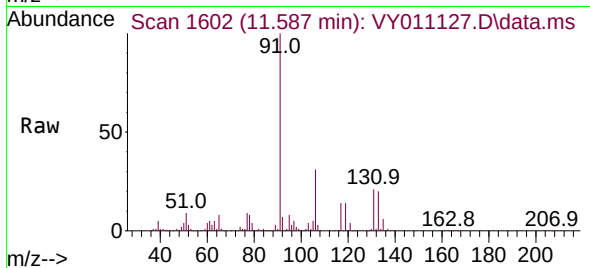
VSTDCCC050EC

Tgt Ion: 91 Resp: 583553

Ion Ratio Lower Upper

91 100

106 31.1 24.5 36.7



#68

m/p-Xylenes

Concen: 97.958 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY011127.D

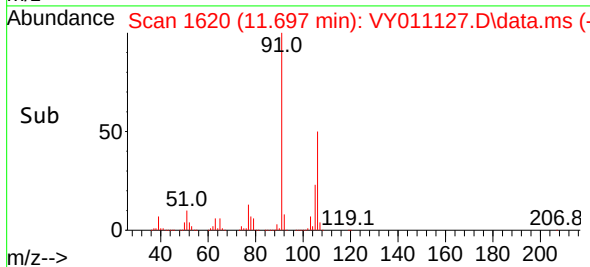
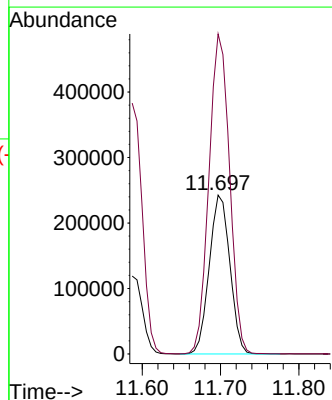
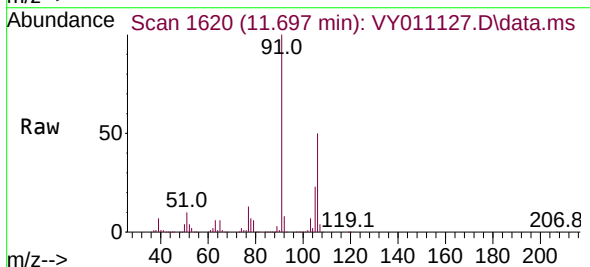
Acq: 26 Oct 2022 19:21

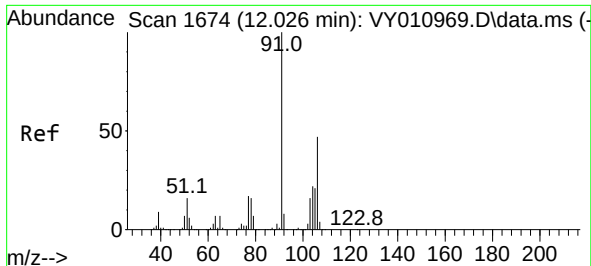
Tgt Ion:106 Resp: 443189

Ion Ratio Lower Upper

106 100

91 202.0 166.6 249.8

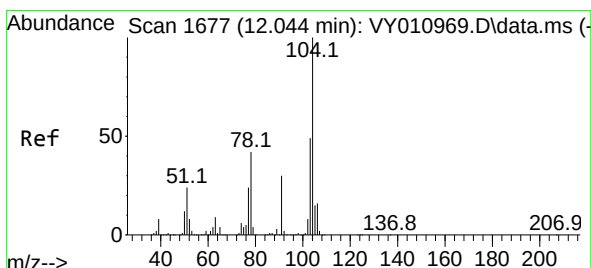
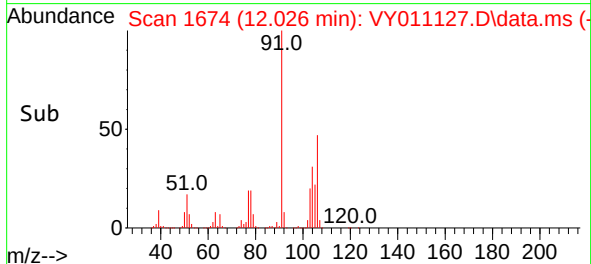
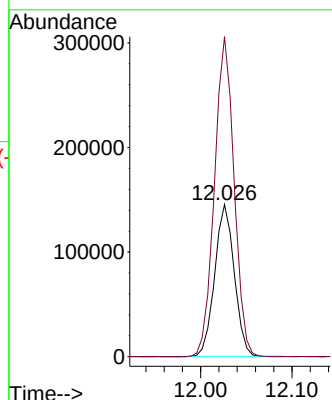
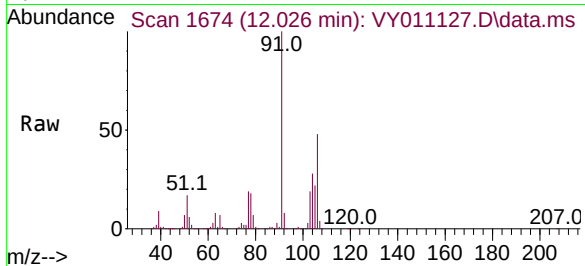




#69  
o-Xylene  
Concen: 50.526 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

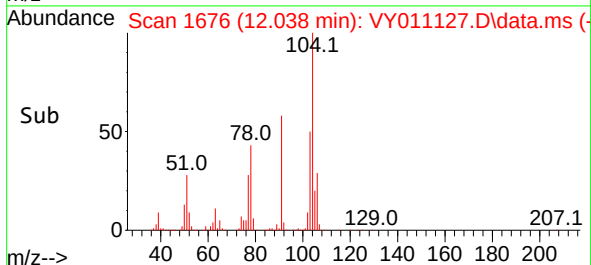
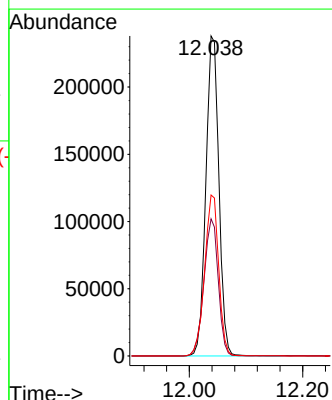
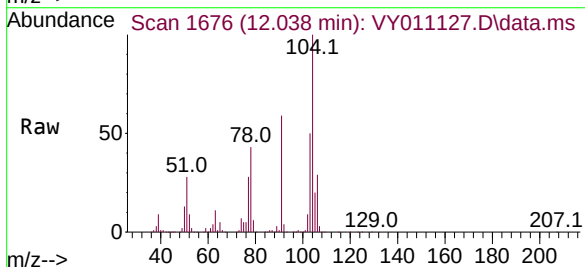
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

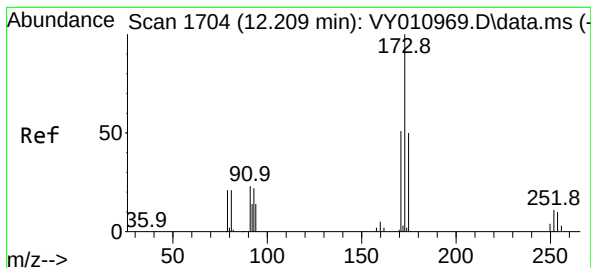
Tgt Ion:106 Resp: 217062  
Ion Ratio Lower Upper  
106 100  
91 210.6 110.3 331.0



#70  
Styrene  
Concen: 52.096 ug/l  
RT: 12.038 min Scan# 1676  
Delta R.T. -0.006 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion:104 Resp: 379220  
Ion Ratio Lower Upper  
104 100  
78 47.0 42.4 63.6  
103 54.5 44.4 66.6





#71

Bromoform

Concen: 55.190 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

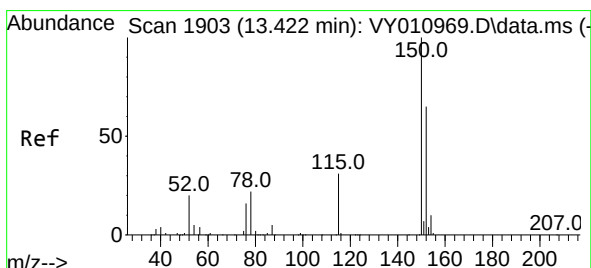
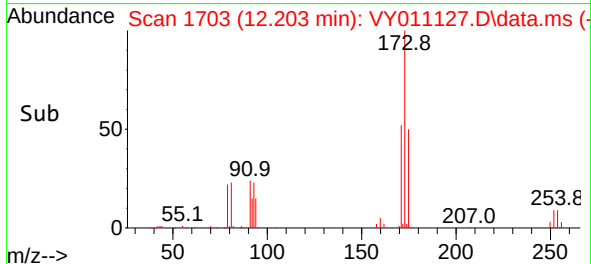
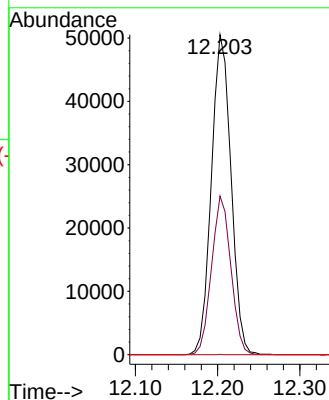
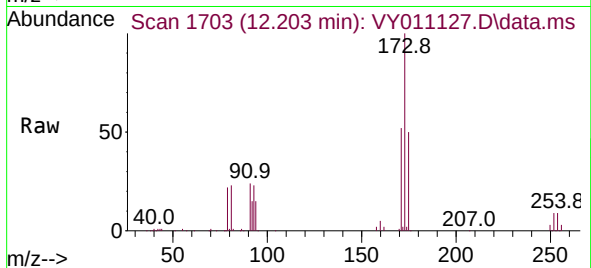
Tgt Ion:173 Resp: 83812

Ion Ratio Lower Upper

173 100

175 48.7 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. 0.000 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

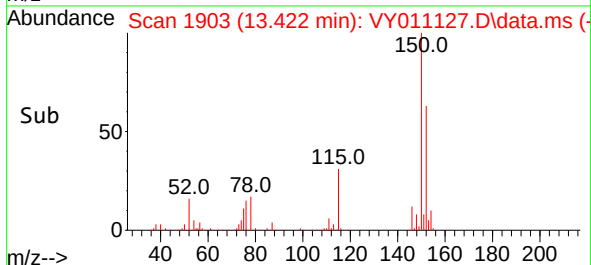
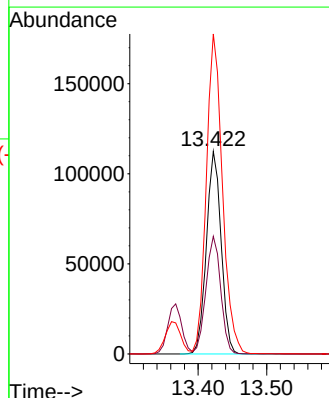
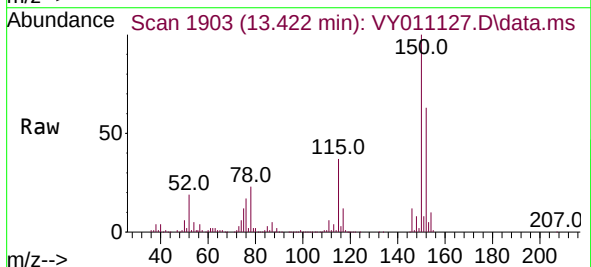
Tgt Ion:152 Resp: 168267

Ion Ratio Lower Upper

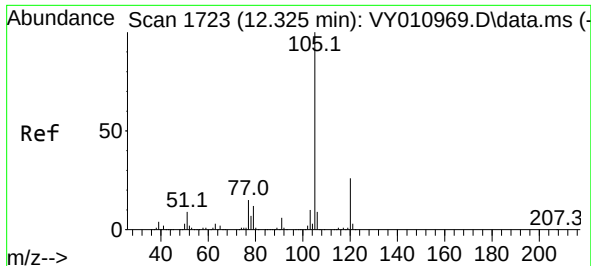
152 100

115 58.4 28.2 84.7

150 172.5 0.0 347.6



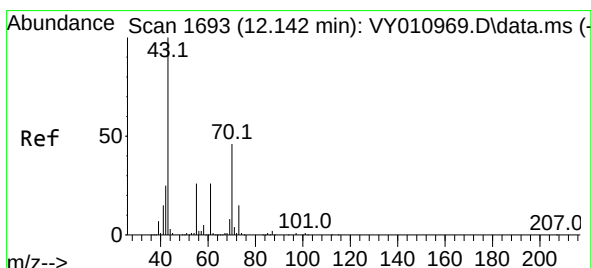
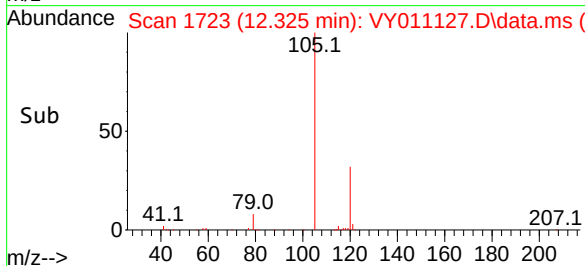
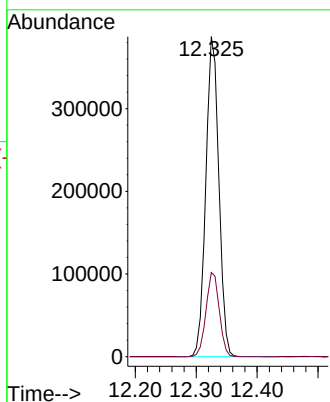
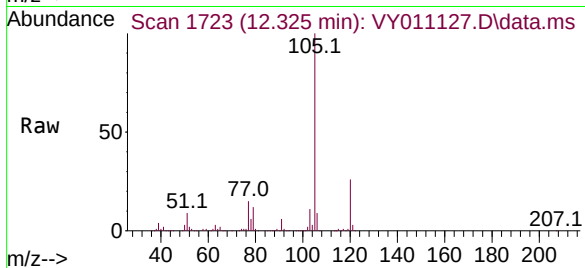




#73  
Isopropylbenzene  
Concen: 47.022 ug/l  
RT: 12.325 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

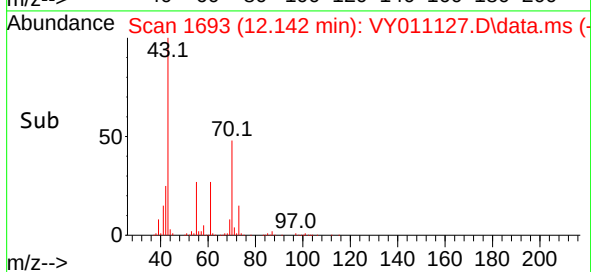
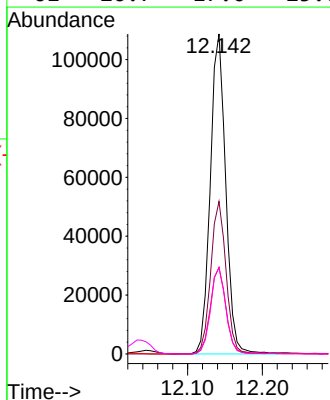
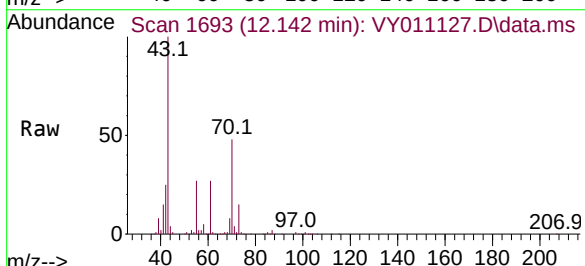
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

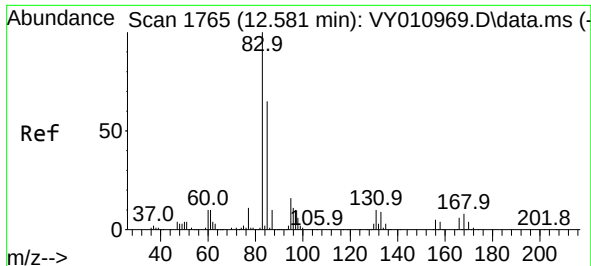
Tgt Ion:105 Resp: 574843  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.4 40.2



#74  
N-ethyl acetate  
Concen: 50.279 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion: 43 Resp: 155952  
Ion Ratio Lower Upper  
43 100  
70 47.7 28.7 43.1#  
55 27.9 17.3 25.9#  
61 26.7 17.0 25.6#

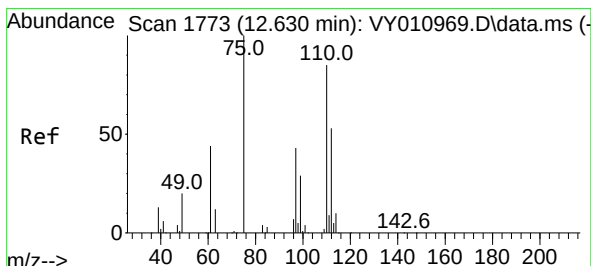
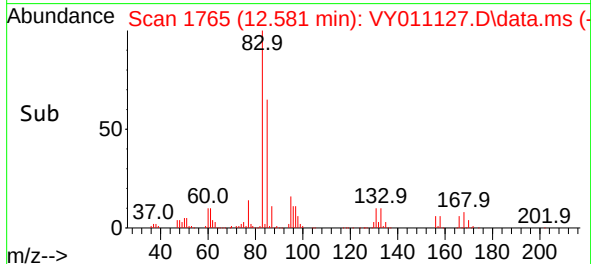
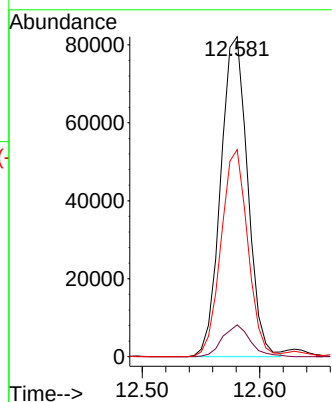
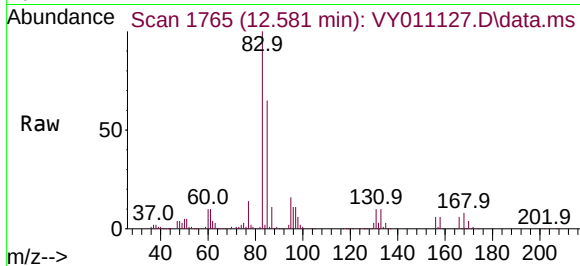




#75  
1,1,2-Tetrachloroethane  
Concen: 51.003 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

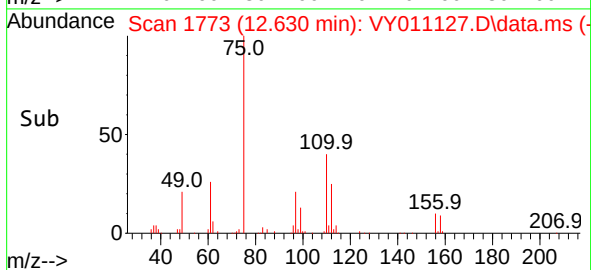
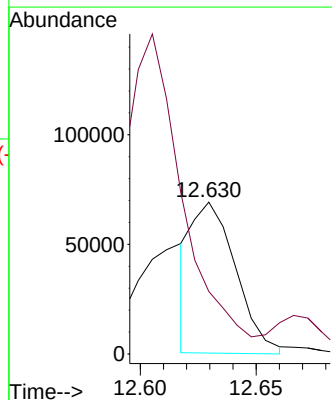
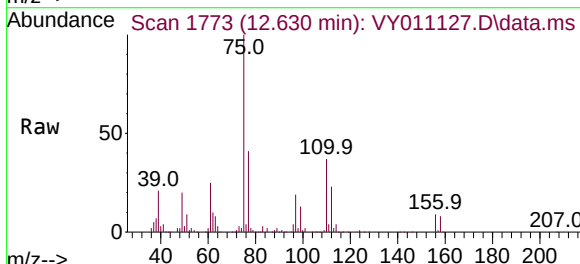
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

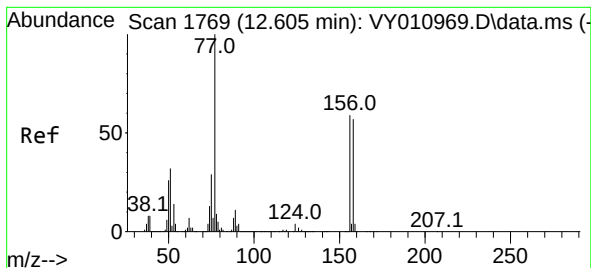
Tgt Ion: 83 Resp: 130855  
Ion Ratio Lower Upper  
83 100  
131 10.2 5.6 16.8  
85 64.3 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 47.832 ug/l m  
RT: 12.630 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion: 75 Resp: 91376  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.661 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

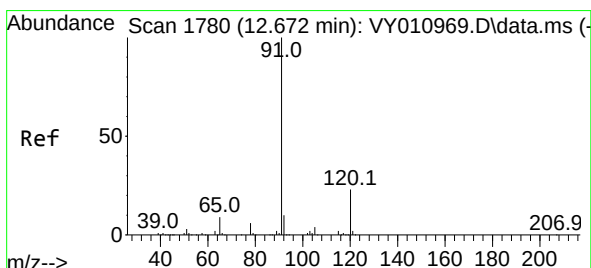
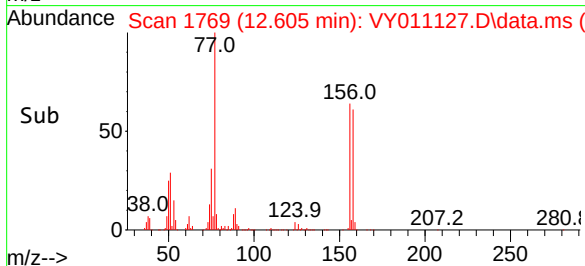
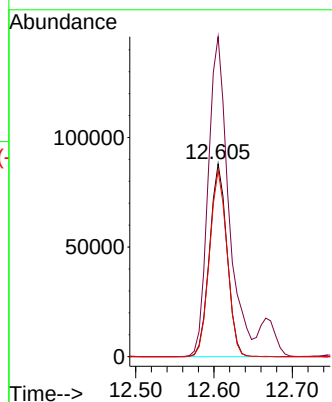
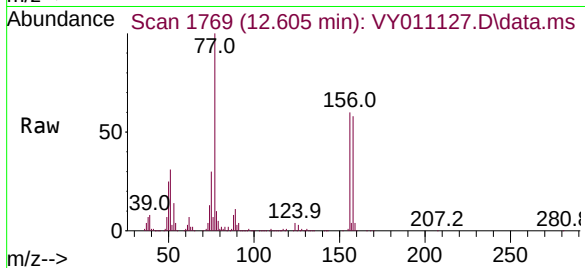
Tgt Ion:156 Resp: 136195

Ion Ratio Lower Upper

156 100

77 193.0 95.5 286.4

158 97.0 48.0 144.0



#78

n-propylbenzene

Concen: 47.198 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY011127.D

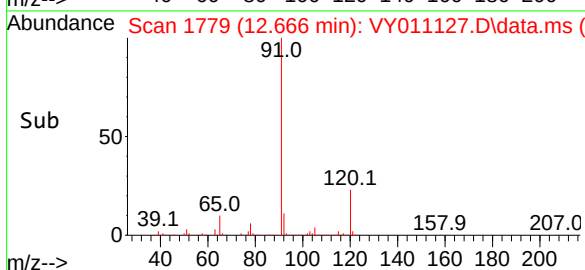
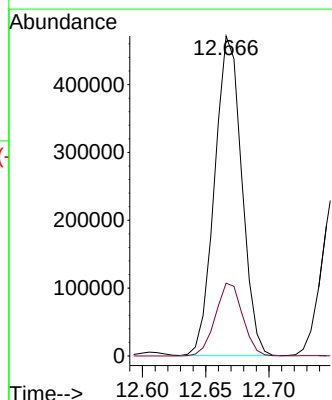
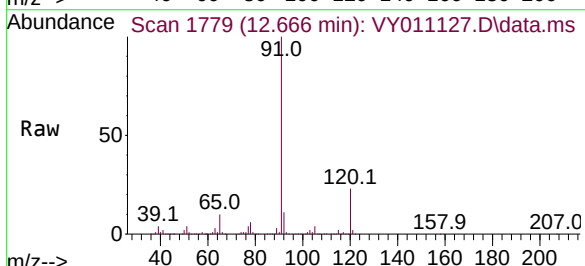
Acq: 26 Oct 2022 19:21

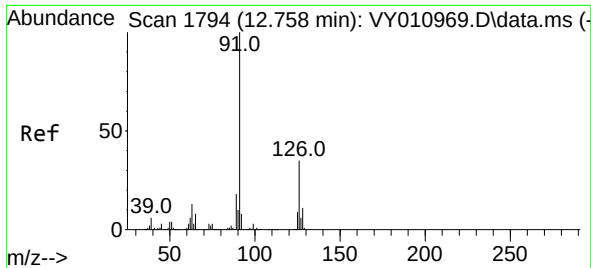
Tgt Ion: 91 Resp: 702013

Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.9

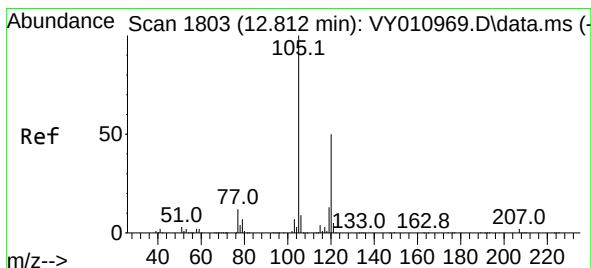
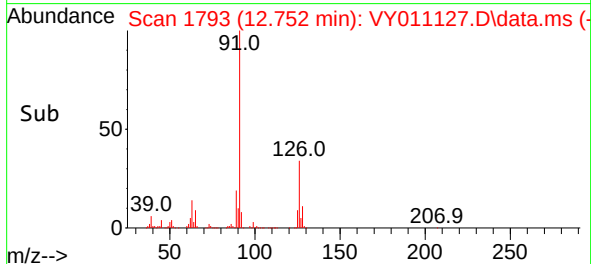
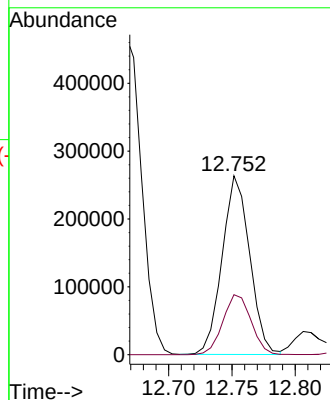
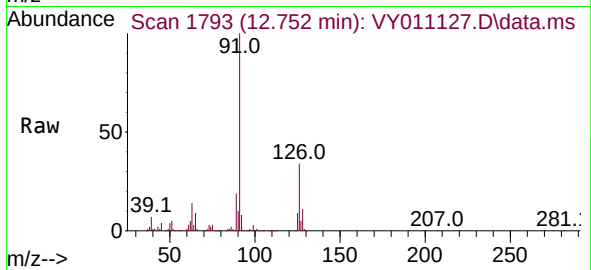




#79  
2-Chlorotoluene  
Concen: 47.694 ug/l  
RT: 12.752 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

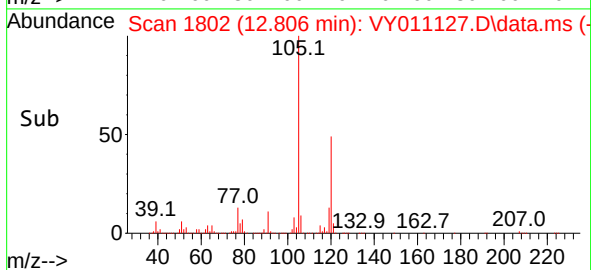
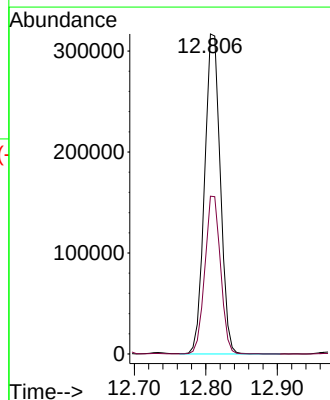
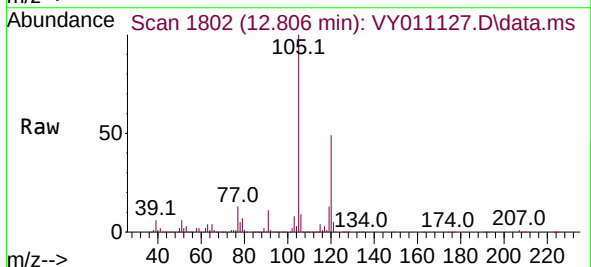
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

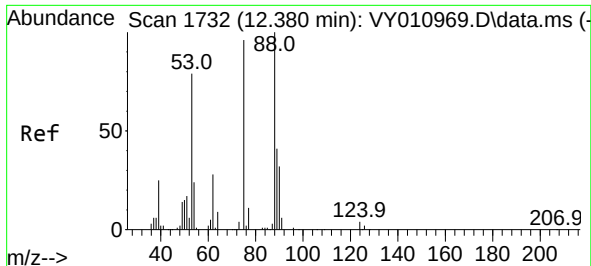
Tgt Ion: 91 Resp: 399509  
Ion Ratio Lower Upper  
91 100  
126 34.4 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 47.441 ug/l  
RT: 12.806 min Scan# 1802  
Delta R.T. -0.006 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion: 105 Resp: 483902  
Ion Ratio Lower Upper  
105 100  
120 49.1 24.4 73.4

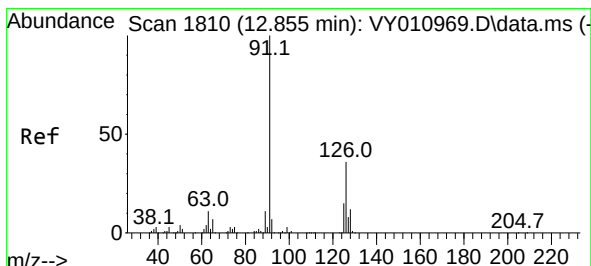
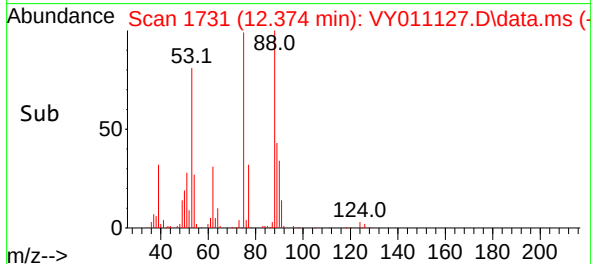
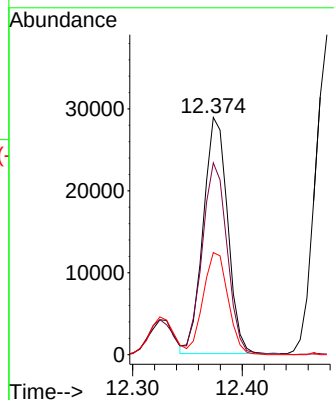
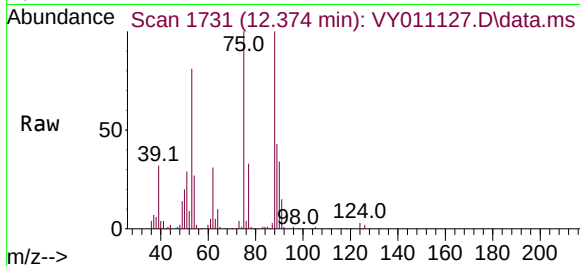




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.155 ug/l  
RT: 12.374 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

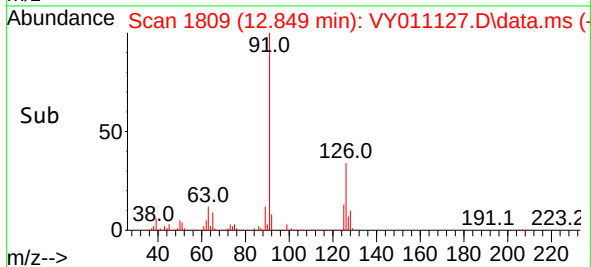
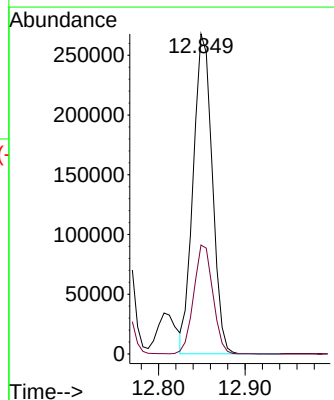
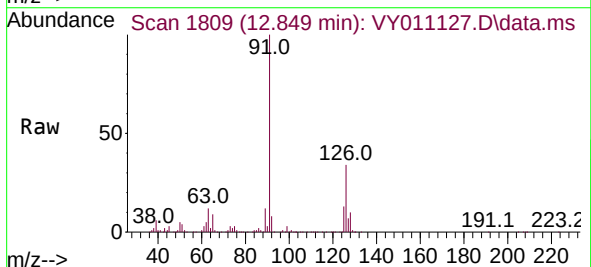
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

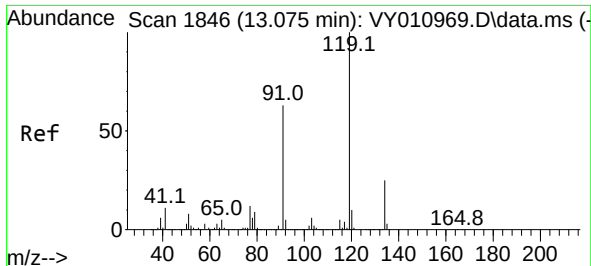
Tgt Ion: 75 Resp: 44550  
Ion Ratio Lower Upper  
75 100  
53 82.8 85.3 127.9#  
89 44.1 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 46.892 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion: 91 Resp: 408970  
Ion Ratio Lower Upper  
91 100  
126 34.3 17.0 51.0

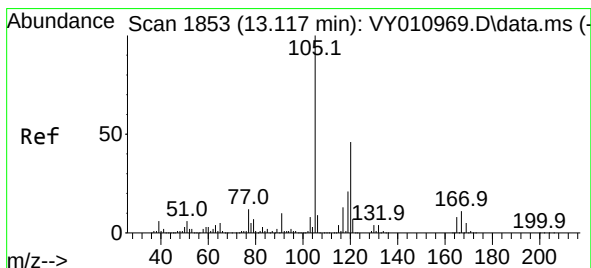
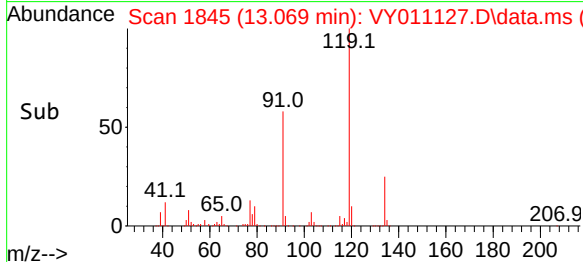
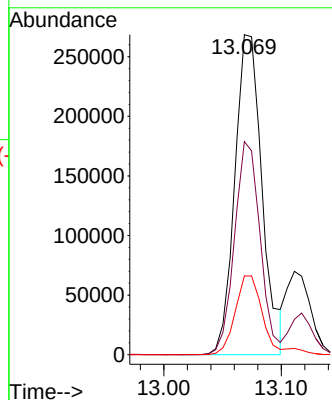
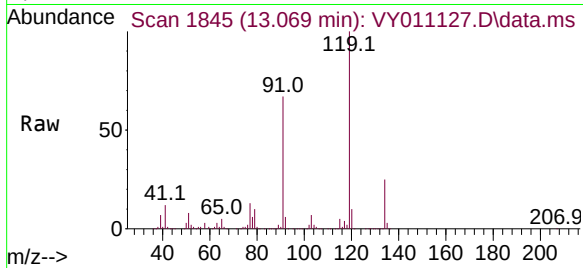




#83  
tert-Butylbenzene  
Concen: 49.092 ug/l  
RT: 13.069 min Scan# 1845  
Delta R.T. -0.006 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

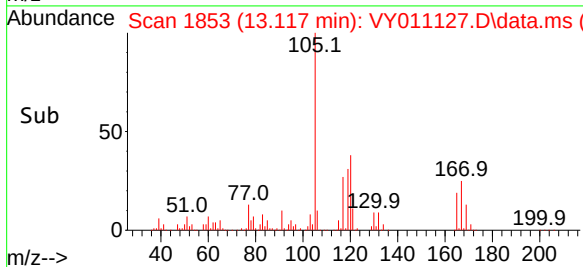
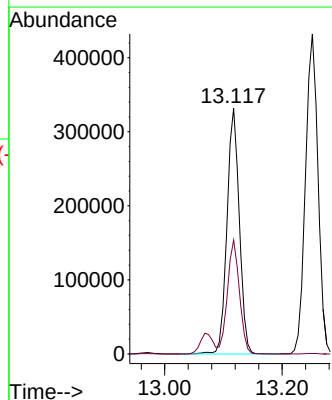
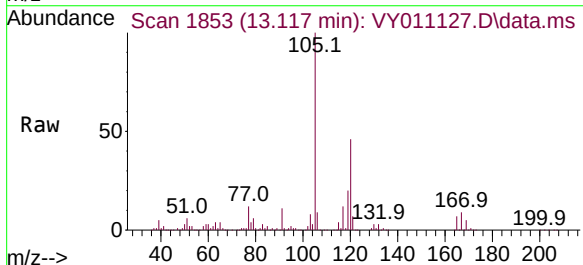
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

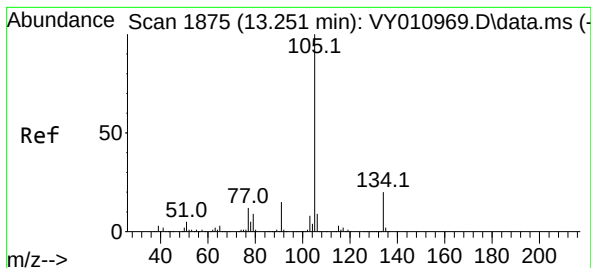
Tgt Ion:119 Resp: 433011  
Ion Ratio Lower Upper  
119 100  
91 62.7 34.8 104.4  
134 25.4 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 48.028 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion:105 Resp: 483073  
Ion Ratio Lower Upper  
105 100  
120 45.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 48.076 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

Instrument :

MSVOA\_Y

ClientSampleId :

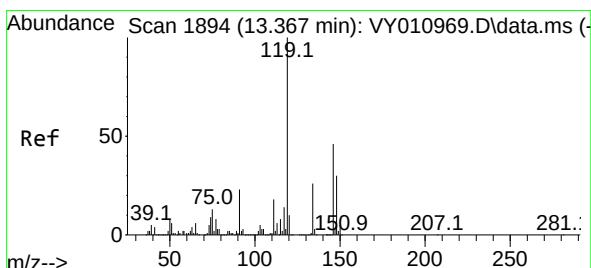
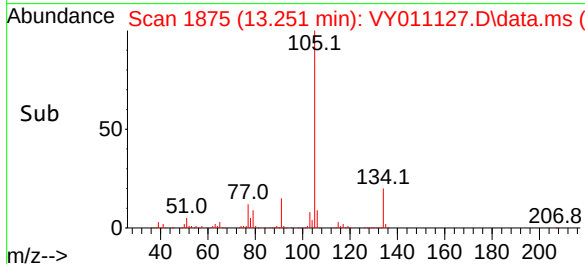
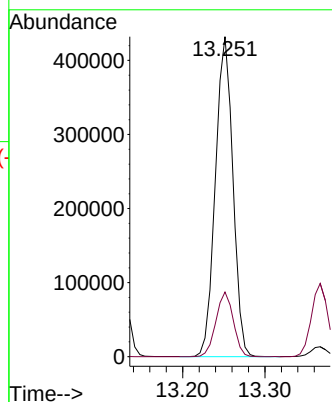
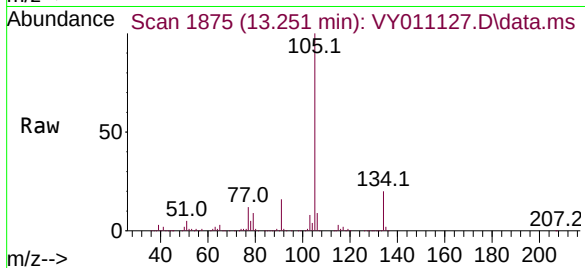
VSTDCCC050EC

Tgt Ion:105 Resp: 637202

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 47.922 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

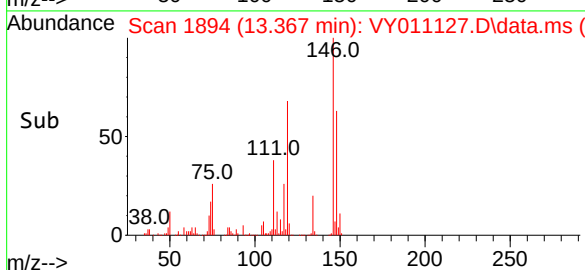
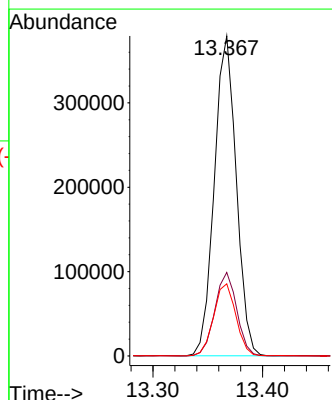
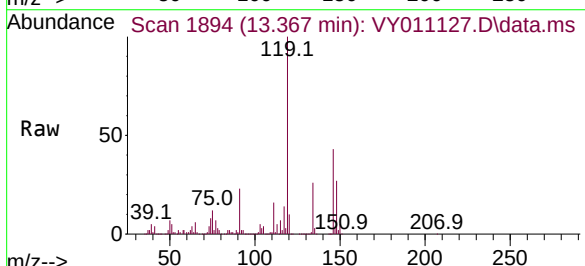
Tgt Ion:119 Resp: 526917

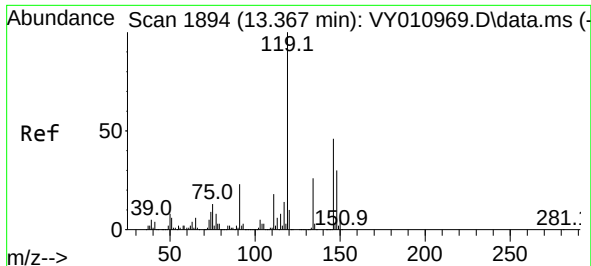
Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

91 22.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 47.553 ug/l

RT: 13.361 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

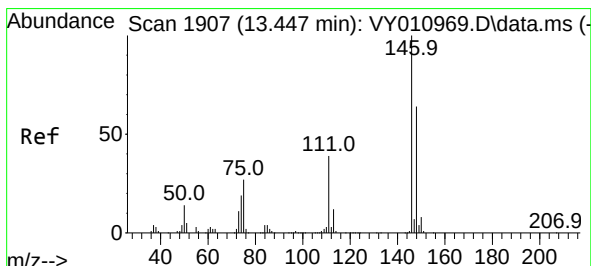
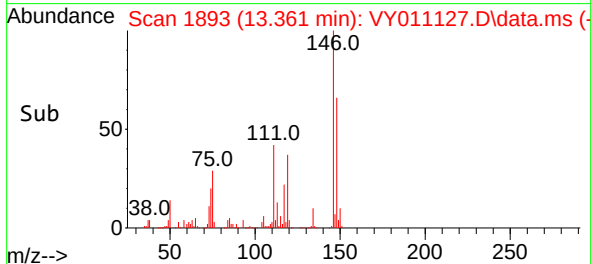
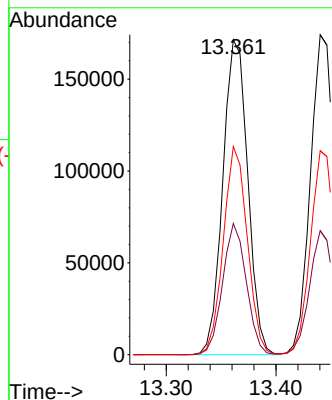
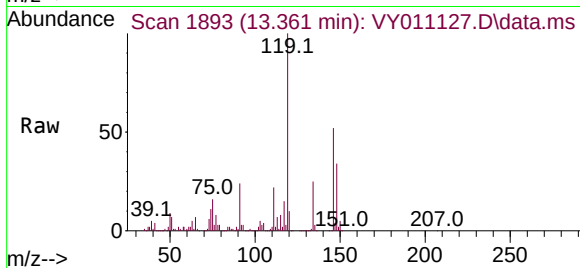
Tgt Ion:146 Resp: 271195

Ion Ratio Lower Upper

146 100

111 39.6 19.5 58.5

148 63.6 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 47.403 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.007 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

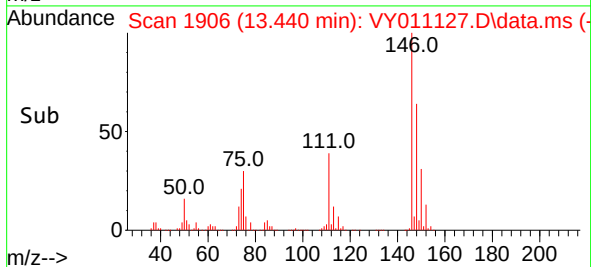
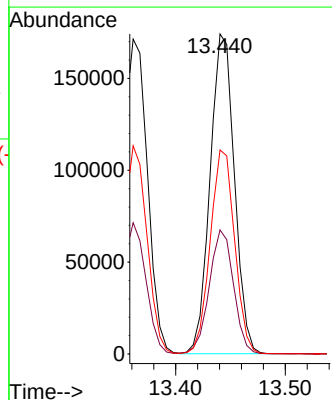
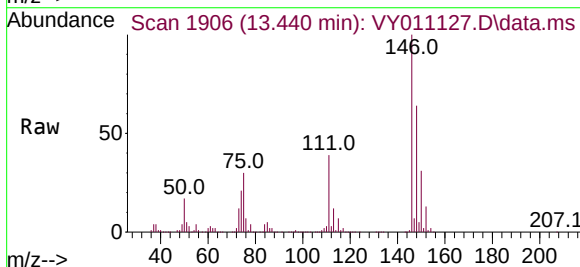
Tgt Ion:146 Resp: 268795

Ion Ratio Lower Upper

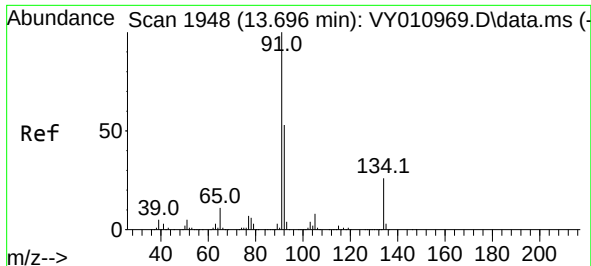
146 100

111 38.6 19.3 57.8

148 64.2 32.6 97.8



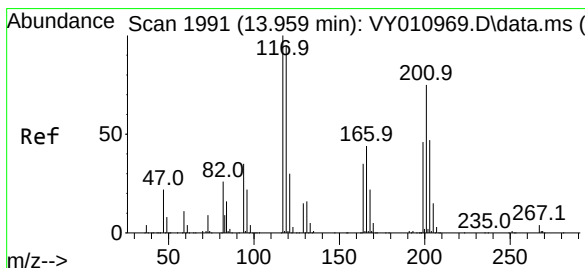
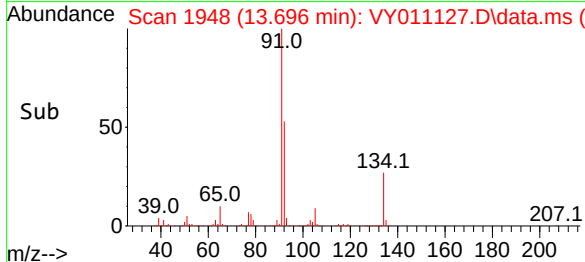
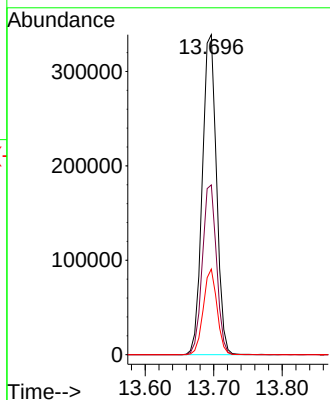
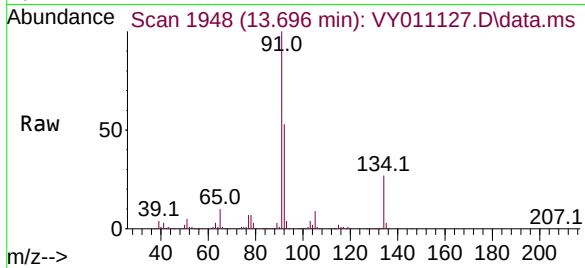




#89  
n-Butylbenzene  
Concen: 47.626 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

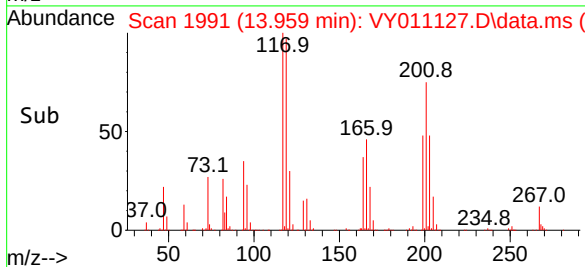
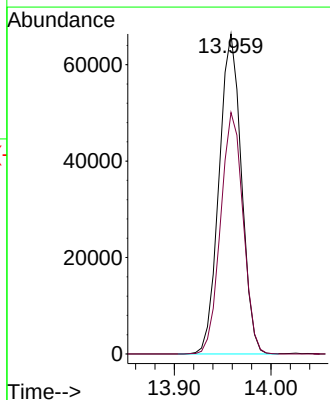
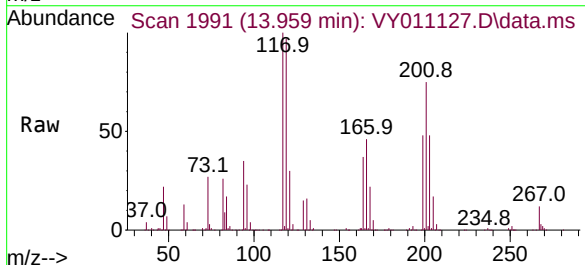
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

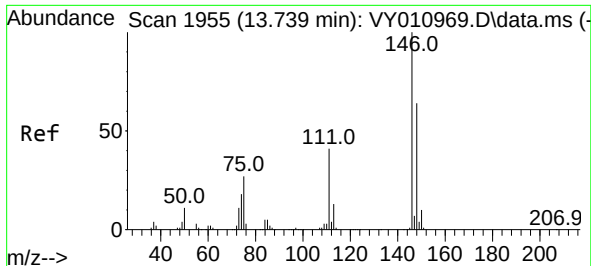
Tgt Ion: 91 Resp: 489348  
Ion Ratio Lower Upper  
91 100  
92 53.1 26.3 78.9  
134 25.8 13.0 38.9



#90  
Hexachloroethane  
Concen: 48.987 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion: 117 Resp: 106300  
Ion Ratio Lower Upper  
117 100  
201 75.9 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 48.570 ug/l

RT: 13.733 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

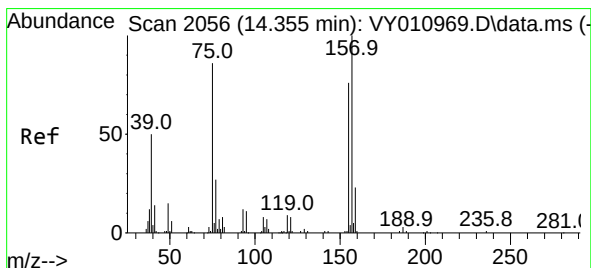
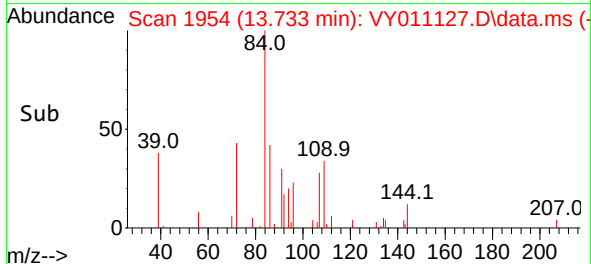
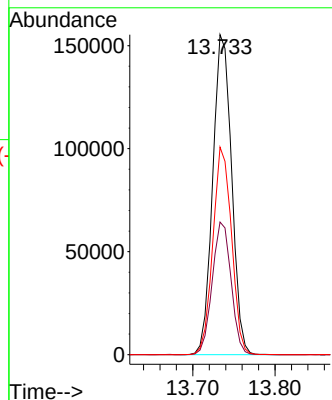
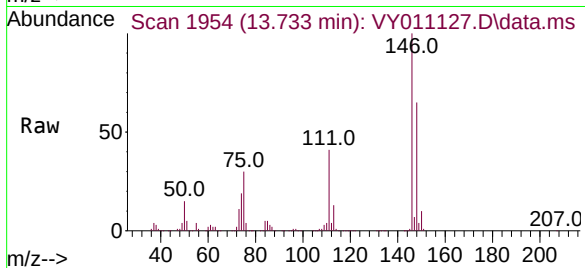
Tgt Ion:146 Resp: 247829

Ion Ratio Lower Upper

146 100

111 41.3 20.3 60.9

148 64.1 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.209 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

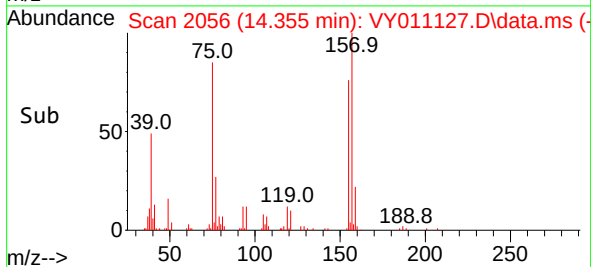
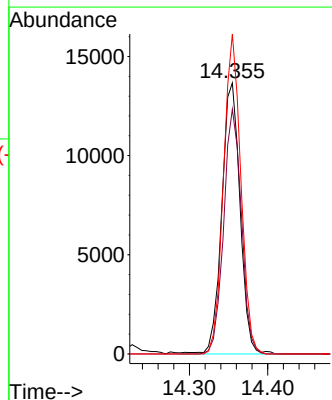
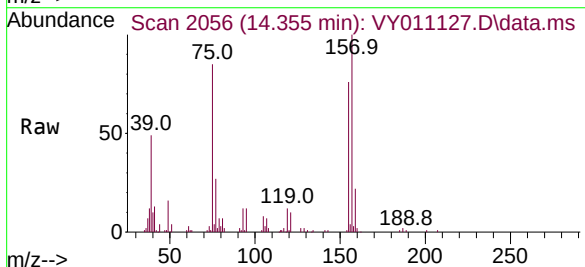
Tgt Ion: 75 Resp: 22147

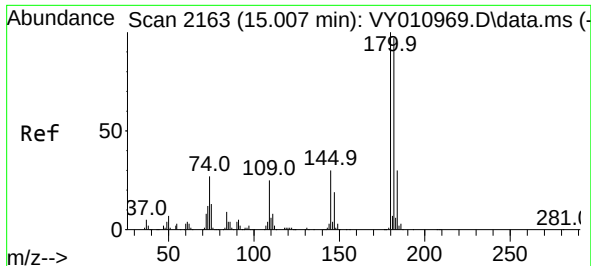
Ion Ratio Lower Upper

75 100

155 87.4 38.0 113.9

157 111.8 47.8 143.3

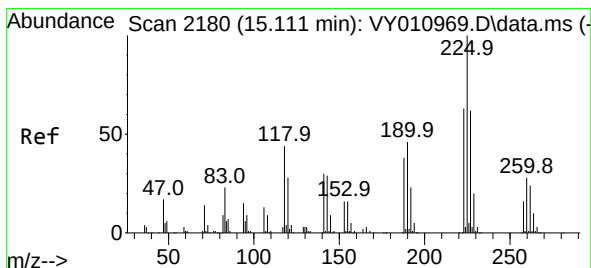
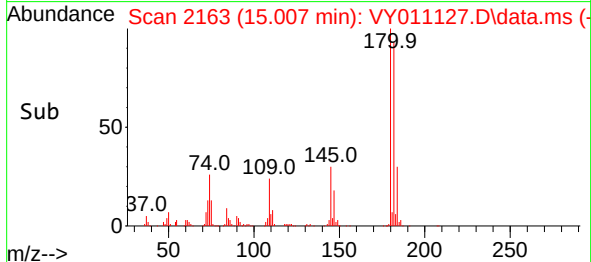
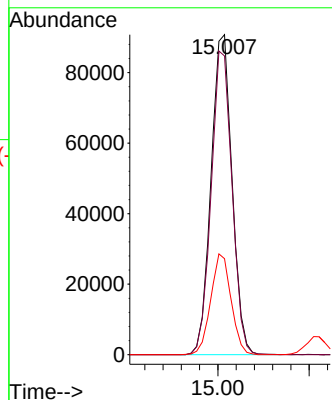
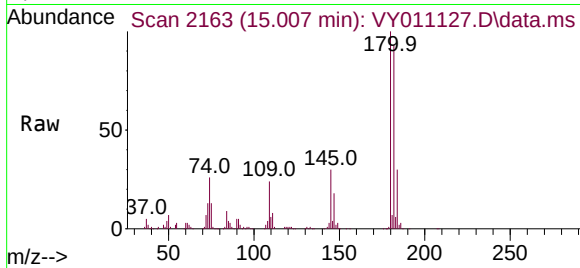




#93  
1,2,4-Trichlorobenzene  
Concen: 47.511 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

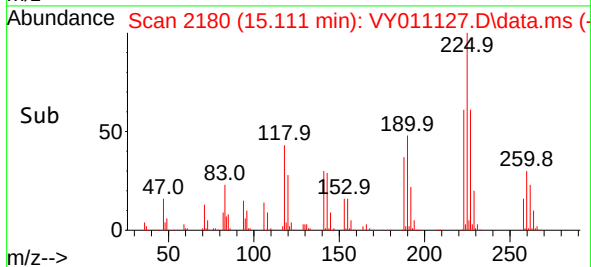
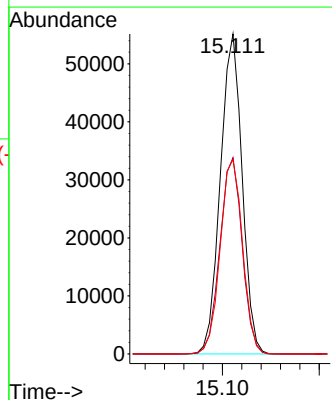
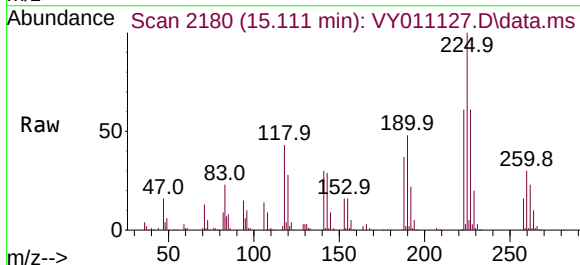
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

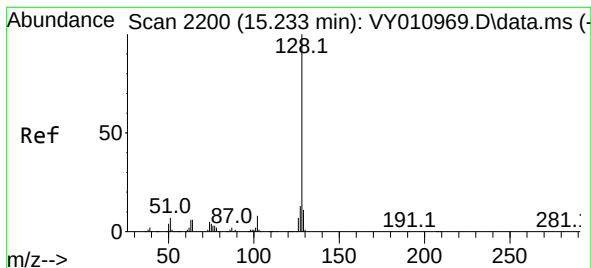
Tgt Ion:180 Resp: 144886  
Ion Ratio Lower Upper  
180 100  
182 94.4 47.3 141.9  
145 30.5 14.6 43.8



#94  
Hexachlorobutadiene  
Concen: 47.977 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY011127.D  
Acq: 26 Oct 2022 19:21

Tgt Ion:225 Resp: 86118  
Ion Ratio Lower Upper  
225 100  
223 62.6 30.8 92.3  
227 62.4 31.6 94.7





#95

Naphthalene

Concen: 52.205 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

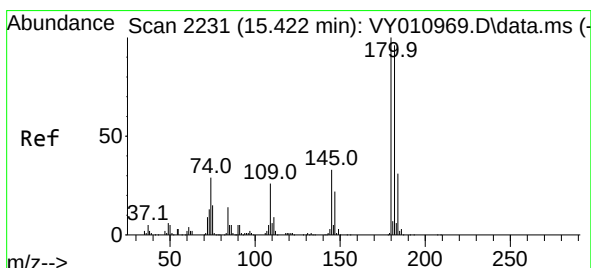
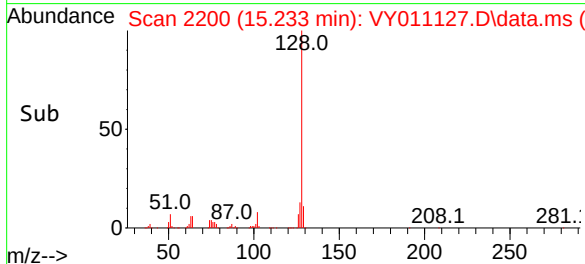
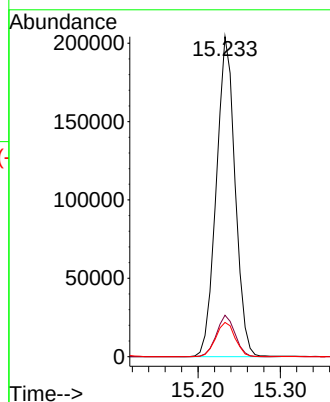
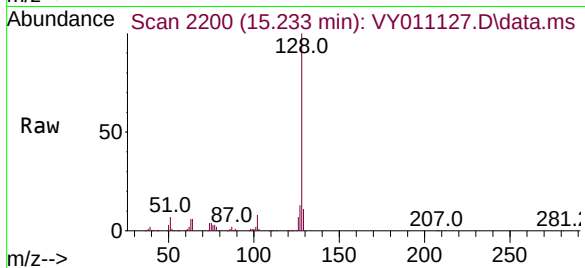
Tgt Ion:128 Resp: 324215

Ion Ratio Lower Upper

128 100

127 12.9 11.0 16.4

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 49.192 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY011127.D

Acq: 26 Oct 2022 19:21

Tgt Ion:180 Resp: 130871

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.9

145 32.5 15.3 45.9

