

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091421\  
 Data File : VY006014.D  
 Acq On : 14 Sep 2021 17:39  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Sep 15 05:15:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091421S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 15 05:01:47 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.795  | 168   | 126968   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697  | 114   | 202548   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.489 | 117   | 188193   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428 | 152   | 93820    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.149  | 65    | 85067    | 48.233   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 96.460%  |
| 35) Dibromofluoromethane     | 7.728  | 113   | 59928    | 47.635   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 95.280%  |
| 50) Toluene-d8               | 10.185 | 98    | 257391   | 48.004   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 96.000%  |
| 62) 4-Bromofluorobenzene     | 12.483 | 95    | 87068    | 47.828   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 95.660%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.906  | 85    | 60148    | 44.844   | ug/l   | 99       |
| 3) Chloromethane             | 2.119  | 50    | 77564    | 46.505   | ug/l   | 96       |
| 4) Vinyl Chloride            | 2.259  | 62    | 88502    | 46.996   | ug/l   | 98       |
| 5) Bromomethane              | 2.656  | 94    | 63598    | 52.055   | ug/l   | 98       |
| 6) Chloroethane              | 2.802  | 64    | 55857    | 49.460   | ug/l   | 95       |
| 7) Trichlorofluoromethane    | 3.131  | 101   | 119125   | 48.525   | ug/l   | 91       |
| 8) Diethyl Ether             | 3.534  | 74    | 41236    | 51.096   | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 3.912  | 101   | 58967    | 48.111   | ug/l   | 98       |
| 10) Methyl Iodide            | 4.101  | 142   | 56806    | 43.781   | ug/l   | 99       |
| 11) Tert butyl alcohol       | 4.954  | 59    | 59967    | 222.053  | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 3.875  | 96    | 62507    | 49.306   | ug/l   | 99       |
| 13) Acrolein                 | 3.735  | 56    | 22727    | 214.459  | ug/l   | 99       |
| 14) Allyl chloride           | 4.491  | 41    | 134886   | 49.845   | ug/l   | 99       |
| 15) Acrylonitrile            | 5.174  | 53    | 113440   | 246.774  | ug/l   | 100      |
| 16) Acetone                  | 3.954  | 43    | 98988    | 204.633  | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.204  | 76    | 209054   | 49.377   | ug/l   | 100      |
| 18) Methyl Acetate           | 4.485  | 43    | 57638    | 47.301   | ug/l   | 100      |
| 19) Methyl tert-butyl Ether  | 5.228  | 73    | 207534   | 50.778   | ug/l   | 99       |
| 20) Methylene Chloride       | 4.722  | 84    | 79637    | 53.050   | ug/l   | 92       |
| 21) trans-1,2-Dichloroethene | 5.228  | 96    | 71521    | 50.312   | ug/l   | 99       |
| 22) Diisopropyl ether        | 6.131  | 45    | 269710   | 51.290   | ug/l   | 95       |
| 23) Vinyl Acetate            | 6.070  | 43    | 835677   | 251.855  | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 6.027  | 63    | 138728   | 51.492   | ug/l   | 97       |
| 25) 2-Butanone               | 6.996  | 43    | 153548   | 230.302  | ug/l   | 96       |
| 26) 2,2-Dichloropropane      | 6.990  | 77    | 121051   | 47.429   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 6.996  | 96    | 82123    | 51.781   | ug/l   | 99       |
| 28) Bromochloromethane       | 7.344  | 49    | 61189    | 51.702   | ug/l   | 99       |
| 29) Tetrahydrofuran          | 7.356  | 42    | 99621    | 237.739  | ug/l   | 99       |
| 30) Chloroform               | 7.515  | 83    | 140078   | 51.855   | ug/l   | 99       |
| 31) Cyclohexane              | 7.789  | 56    | 131477   | 46.536   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 7.710  | 97    | 129015   | 50.867   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 7.923  | 75    | 105572   | 48.290   | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.082  | 43    | 67661    | 44.801   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 7.905  | 117   | 116695   | 49.032   | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.185  | 83    | 130769   | 48.261   | ug/l   | 99       |
| 40) Benzene                  | 8.167  | 78    | 310034   | 49.454   | ug/l   | 100      |

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 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Sep 15 05:15:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091421S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 15 05:01:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.350  | 41   | 98229    | 111.363 | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 110653   | 49.911  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 132769   | 47.197  | ug/l   | 99       |
| 44) Trichloroethene           | 8.941  | 130  | 76715    | 49.105  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 77253    | 49.813  | ug/l   | 96       |
| 46) Dibromomethane            | 9.307  | 93   | 41298    | 49.197  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.502  | 83   | 109437   | 50.650  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.295  | 41   | 61800    | 47.543  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 11307    | 976.037 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 346233   | 230.871 | ug/l   | 100      |
| 52) Toluene                   | 10.246 | 92   | 194775   | 50.418  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 117859   | 49.658  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 126786   | 49.530  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 57172    | 49.564  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 89095    | 48.316  | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 104759   | 49.273  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 220264   | 228.170 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.837 | 43   | 238683   | 230.539 | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.983 | 129  | 72353    | 50.875  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 53338    | 48.955  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.721 | 164  | 75923    | 49.325  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.520 | 112  | 200426   | 49.773  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 74831    | 49.859  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 381316   | 49.818  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.703 | 106  | 288887   | 99.534  | ug/l   | 100      |
| 69) o-Xylene                  | 12.032 | 106  | 139231   | 50.791  | ug/l   | 98       |
| 70) Styrene                   | 12.044 | 104  | 239108   | 50.917  | ug/l   | 100      |
| 71) Bromoform                 | 12.209 | 173  | 47026    | 50.041  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.331 | 105  | 363456   | 49.471  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 118165   | 46.577  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 63380    | 46.367  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 96549    | 96.520  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 85577    | 49.921  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.672 | 91   | 448496   | 49.340  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 247973   | 50.174  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 308264   | 50.593  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 24428    | 44.898  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 259687   | 50.834  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 262587   | 50.388  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 304751   | 50.414  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.251 | 105  | 390062   | 50.001  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 328212   | 49.281  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 168028   | 50.824  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 165386   | 49.873  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 305097   | 48.988  | ug/l   | 100      |
| 90) Hexachloroethane          | 13.959 | 117  | 60149    | 50.185  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 145900   | 50.272  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 12237    | 45.124  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 86959    | 46.140  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 56664    | 46.469  | ug/l   | 99       |
| 95) Naphthalene               | 15.233 | 128  | 170597   | 45.511  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 75314    | 46.114  | ug/l   | 99       |

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Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 21 Sample Multiplier: 1

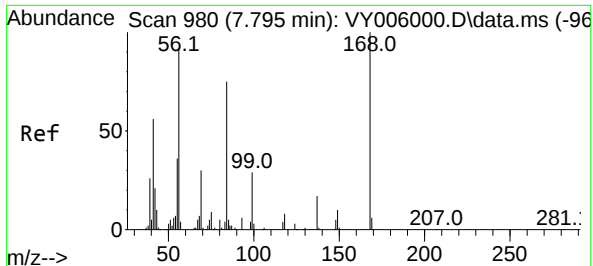
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Sep 15 05:15:33 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091421S.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 15 05:01:47 2021  
Response via : Initial Calibration

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

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

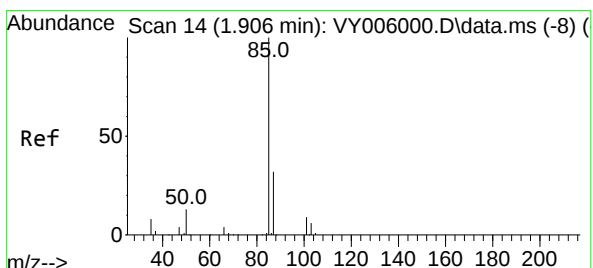
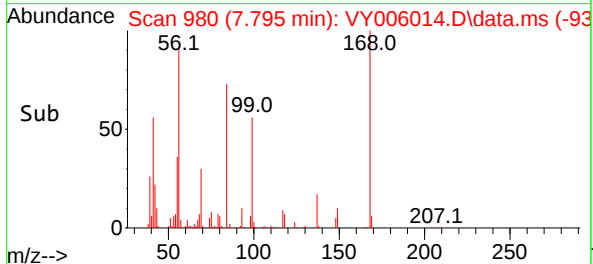
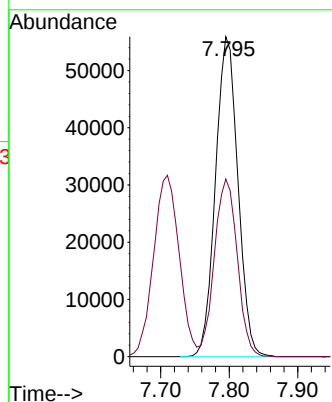
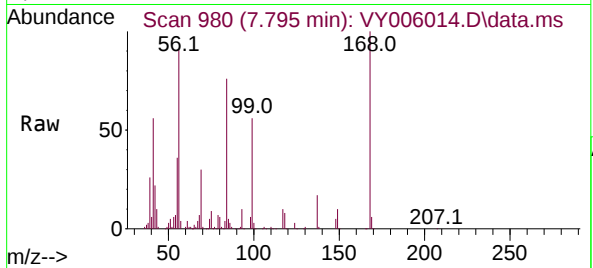




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

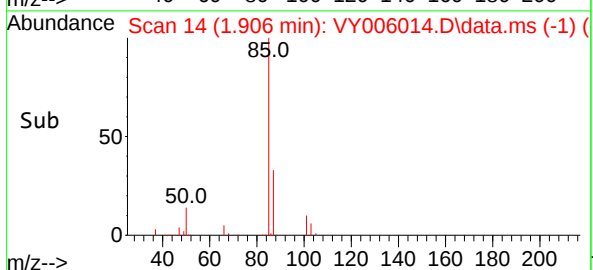
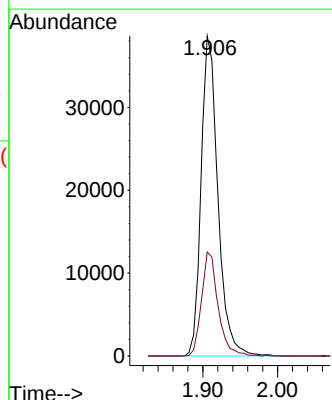
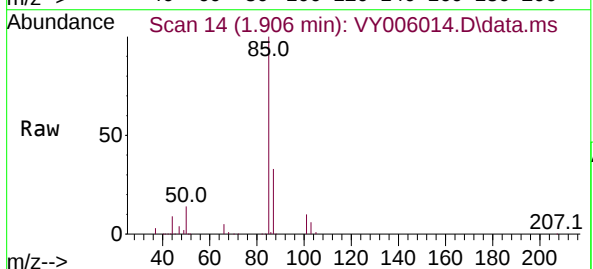
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

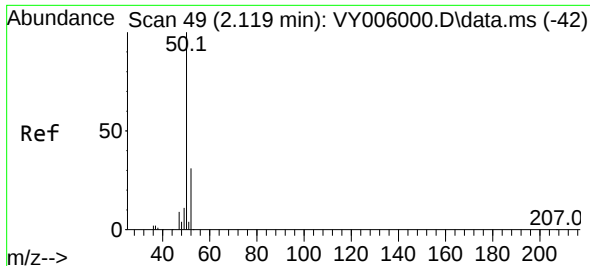
Tgt Ion:168 Resp: 126968  
Ion Ratio Lower Upper  
168 100  
99 55.5 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 44.844 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 85 Resp: 60148  
Ion Ratio Lower Upper  
85 100  
87 32.5 16.1 48.2

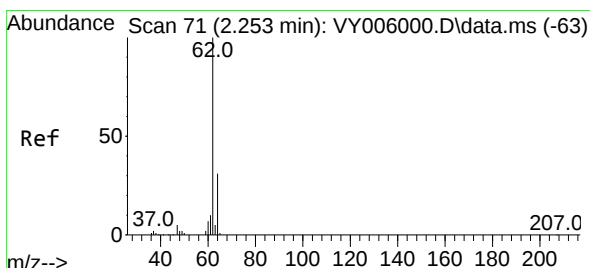
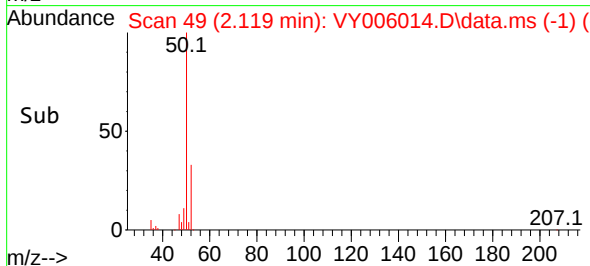
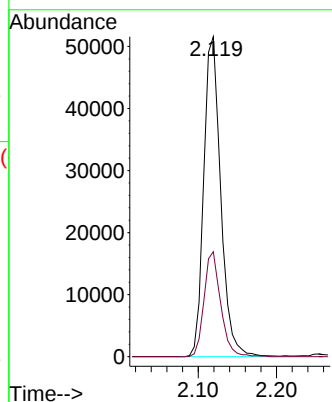
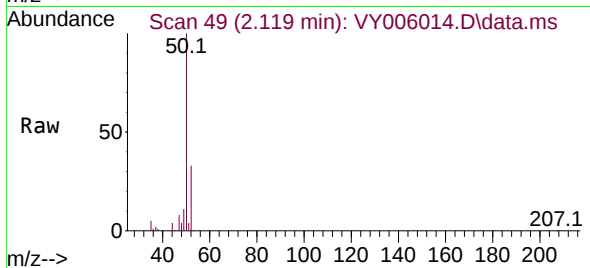




#3  
Chloromethane  
Concen: 46.505 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

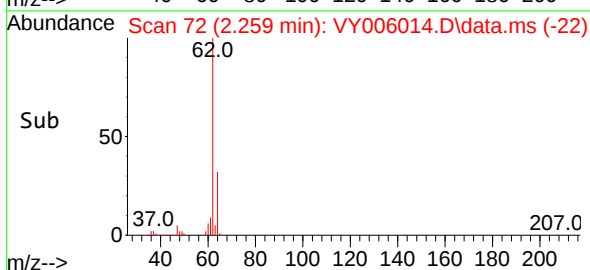
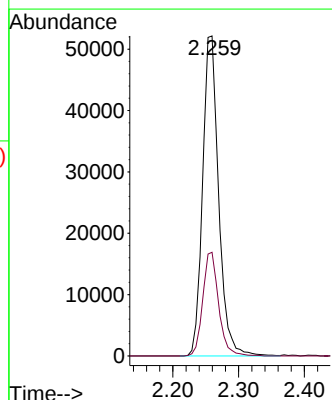
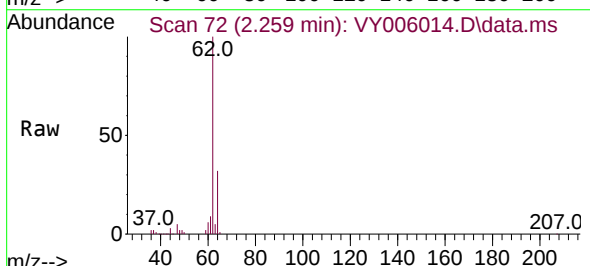
Instrument :  
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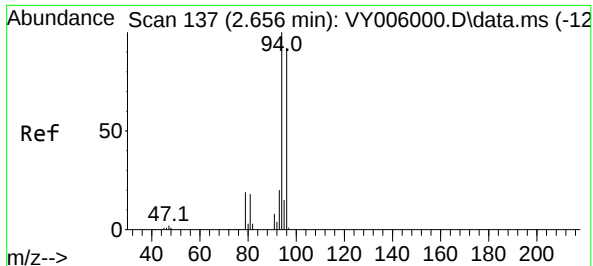
Tgt Ion: 50 Resp: 77564  
Ion Ratio Lower Upper  
50 100  
52 32.8 24.6 37.0



#4  
Vinyl Chloride  
Concen: 46.996 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. 0.006 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 62 Resp: 88502  
Ion Ratio Lower Upper  
62 100  
64 32.4 25.0 37.6

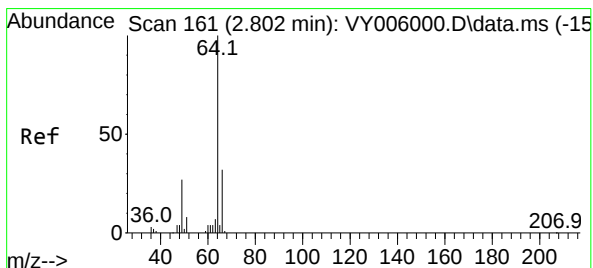
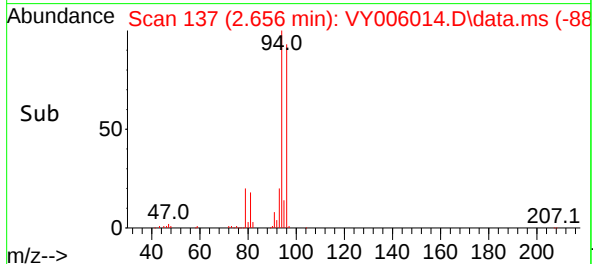
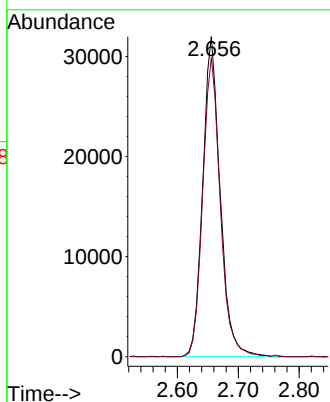
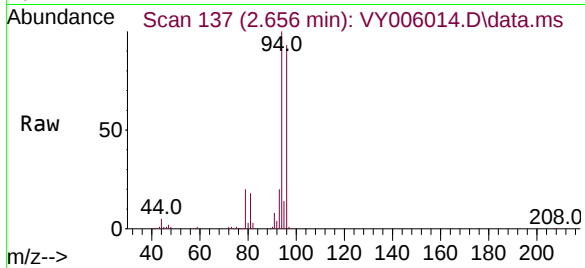




#5  
Bromomethane  
Concen: 52.055 ug/l  
RT: 2.656 min Scan# 137  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

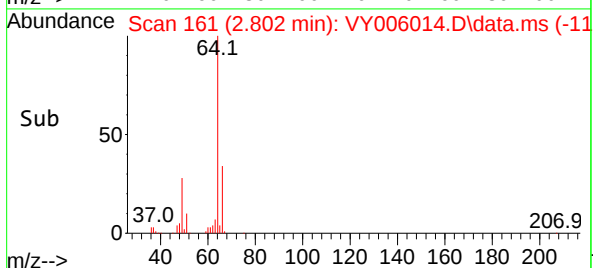
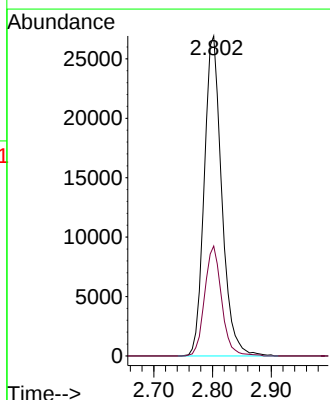
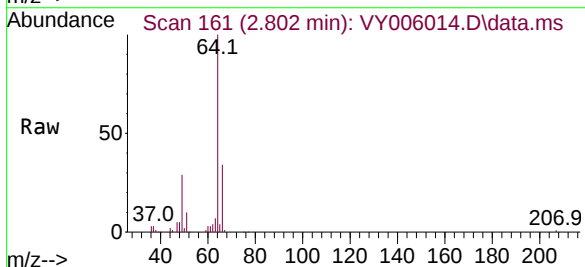
Instrument :  
MSVOA\_Y  
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VSTDCCC050EC

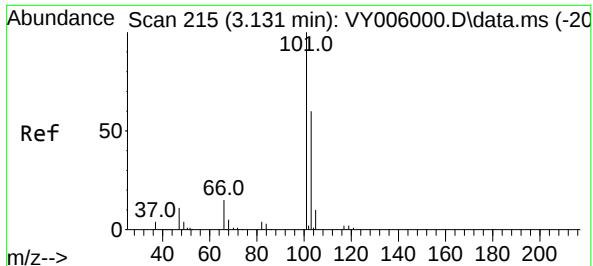
Tgt Ion: 94 Resp: 63598  
Ion Ratio Lower Upper  
94 100  
96 93.4 73.5 110.3



#6  
Chloroethane  
Concen: 49.460 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 64 Resp: 55857  
Ion Ratio Lower Upper  
64 100  
66 34.4 25.4 38.0

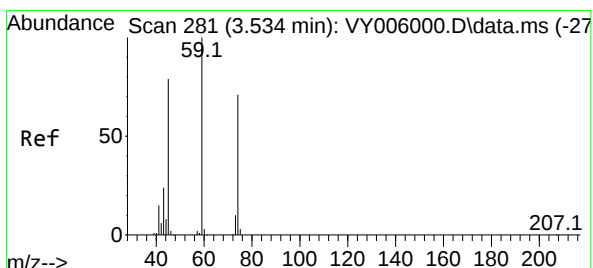
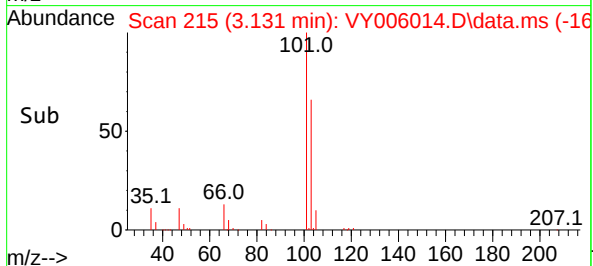
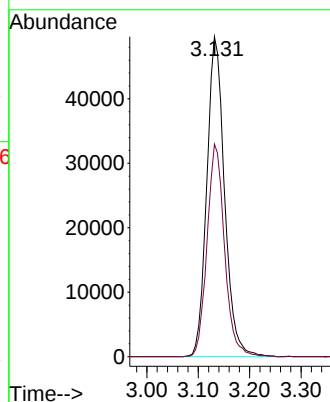
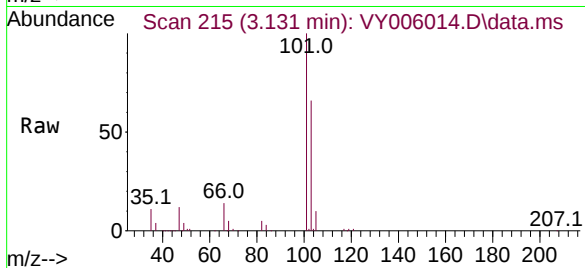




#7  
Trichlorofluoromethane  
Concen: 48.525 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

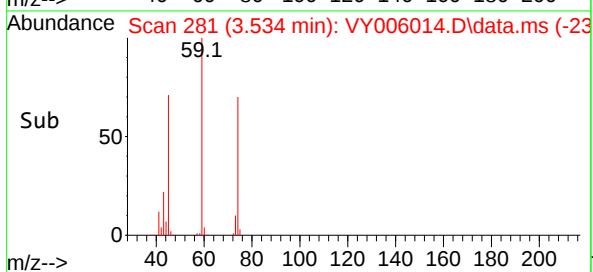
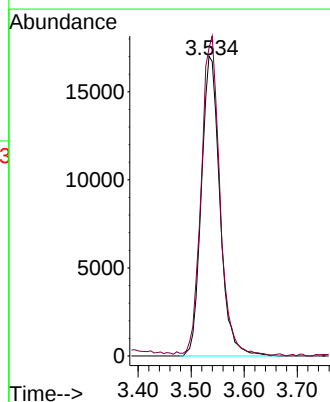
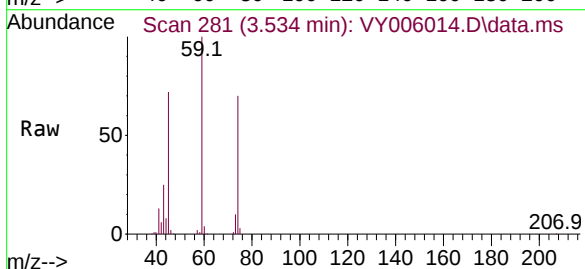
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

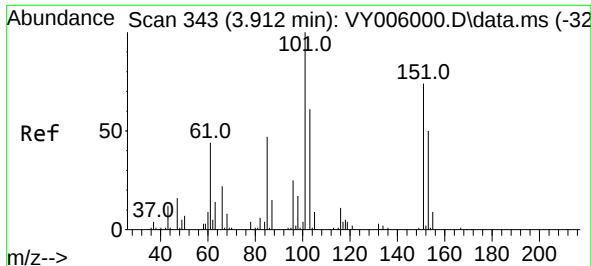
Tgt Ion:101 Resp: 119125  
Ion Ratio Lower Upper  
101 100  
103 66.4 48.0 72.0



#8  
Diethyl Ether  
Concen: 51.096 ug/l  
RT: 3.534 min Scan# 281  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 74 Resp: 41236  
Ion Ratio Lower Upper  
74 100  
45 108.5 55.1 165.5

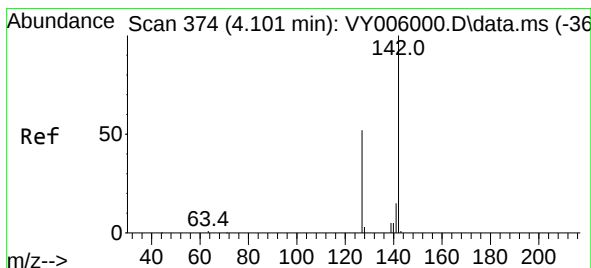
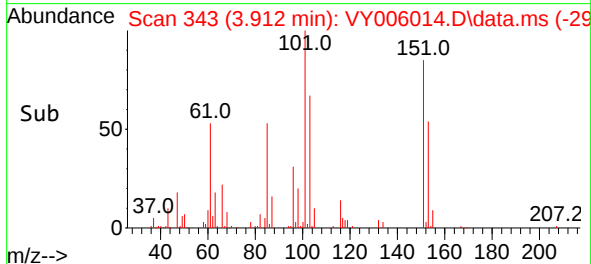
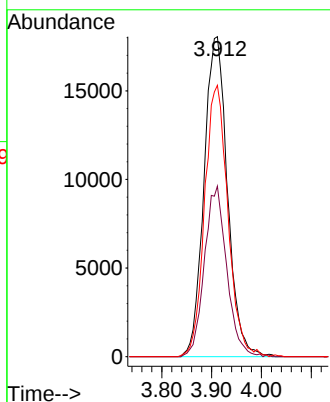
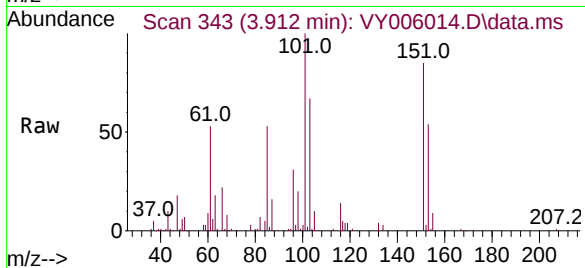




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.111 ug/l  
RT: 3.912 min Scan# 343  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

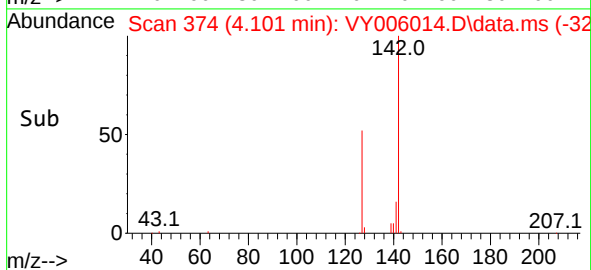
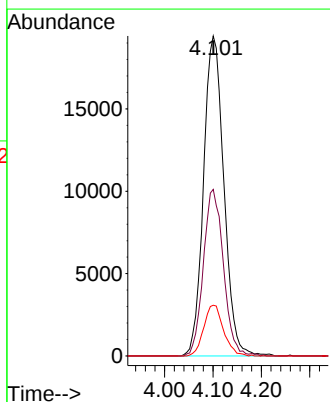
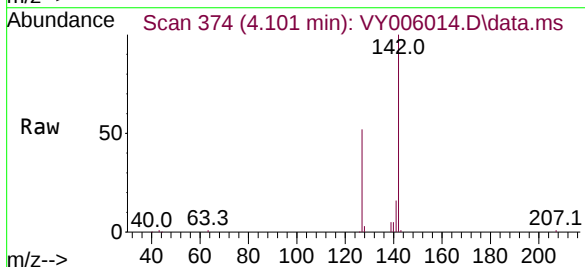
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

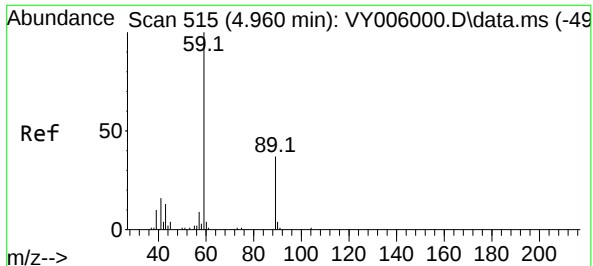
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 58967 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 50.6  | 40.6  | 60.8  |
| 151      | 84.2  | 64.9  | 97.3  |



#10  
Methyl Iodide  
Concen: 43.781 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 56806 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 51.4  | 41.5  | 62.3  |
| 141      | 15.4  | 11.9  | 17.9  |

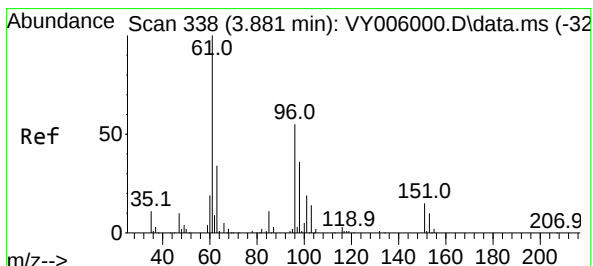
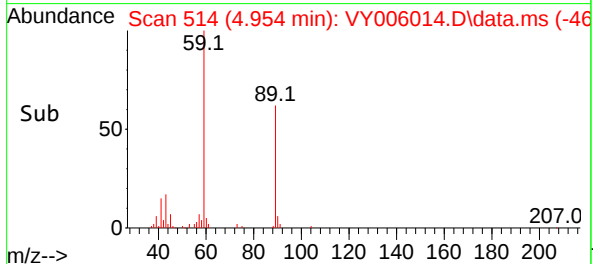
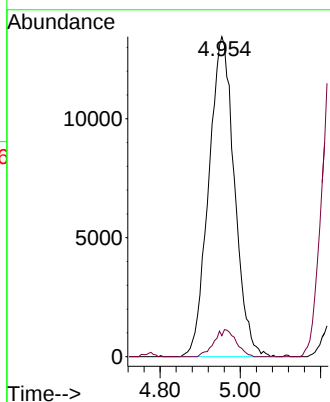
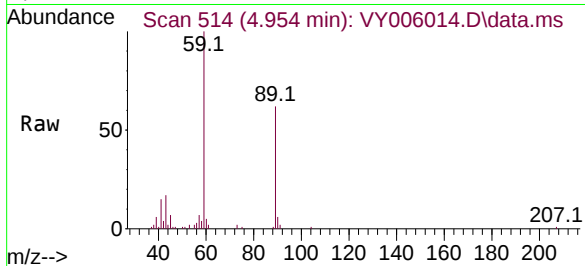




#11  
Tert butyl alcohol  
Concen: 222.053 ug/l  
RT: 4.954 min Scan# 514  
Delta R.T. -0.006 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

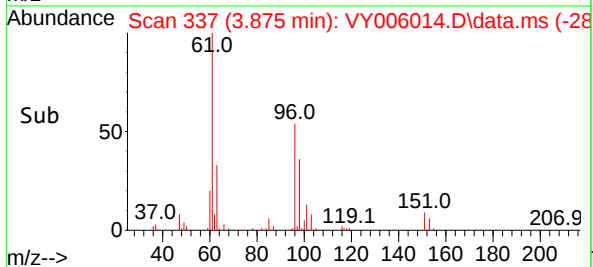
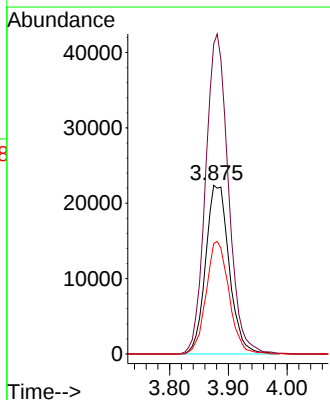
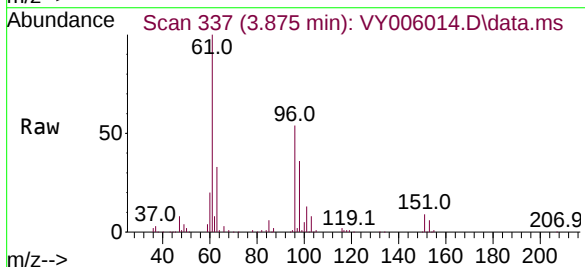
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

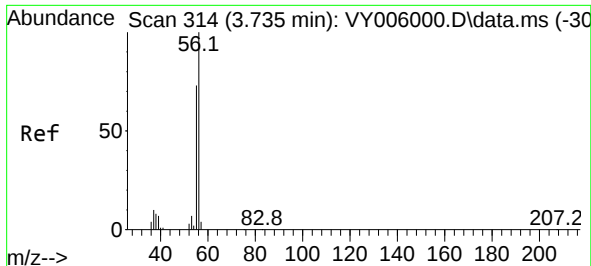
Tgt Ion: 59 Resp: 59967  
Ion Ratio Lower Upper  
59 100  
57 7.2 6.4 9.6



#12  
1,1-Dichloroethene  
Concen: 49.306 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. -0.006 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 96 Resp: 62507  
Ion Ratio Lower Upper  
96 100  
61 183.8 145.8 218.6  
98 65.6 52.5 78.7

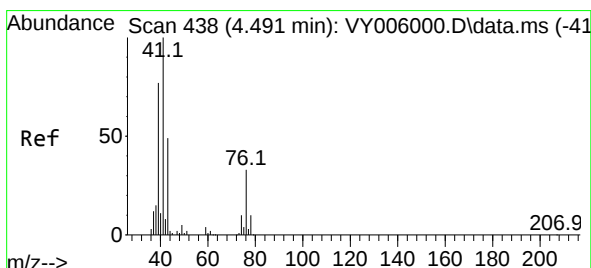
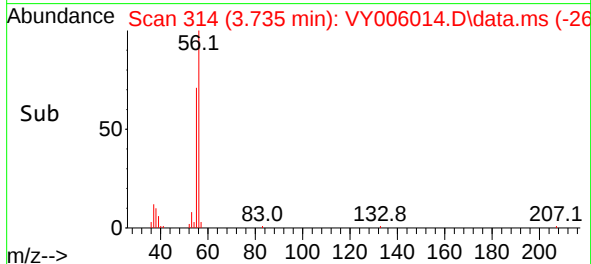
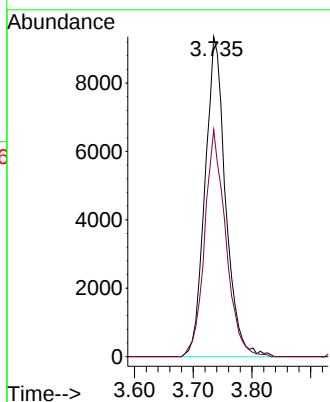
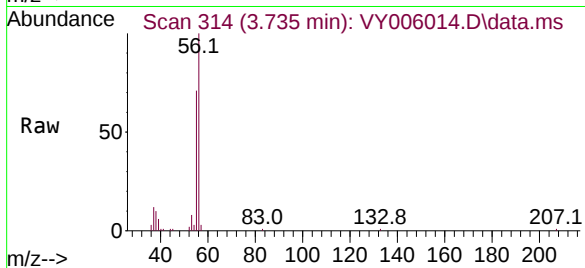




#13  
Acrolein  
Concen: 214.459 ug/l  
RT: 3.735 min Scan# 314  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

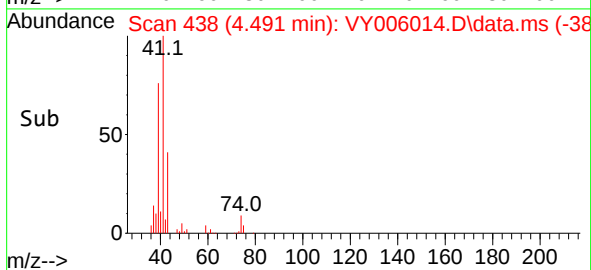
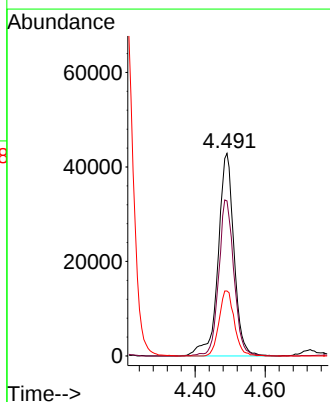
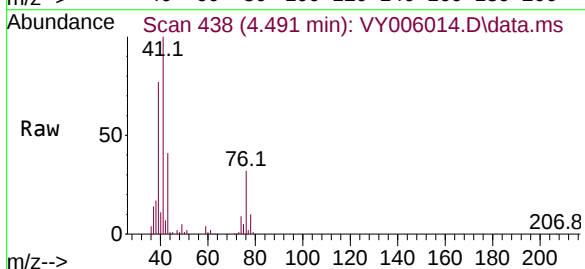
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

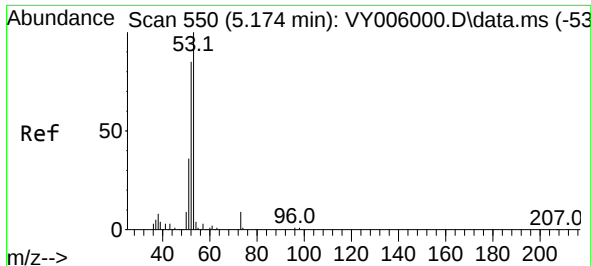
Tgt Ion: 56 Resp: 22727  
Ion Ratio Lower Upper  
56 100  
55 72.9 57.6 86.4



#14  
Allyl chloride  
Concen: 49.845 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 41 Resp: 134886  
Ion Ratio Lower Upper  
41 100  
39 73.9 58.8 88.2  
76 30.8 25.1 37.7

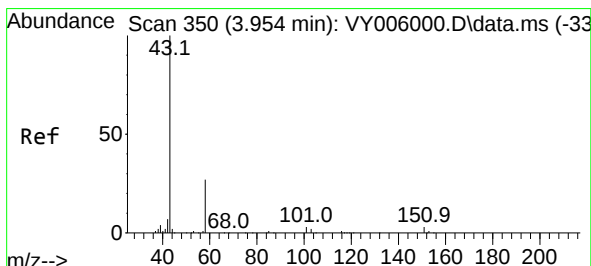
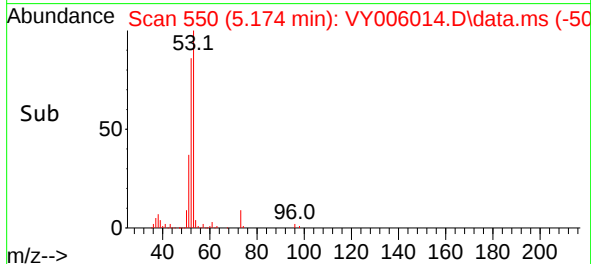
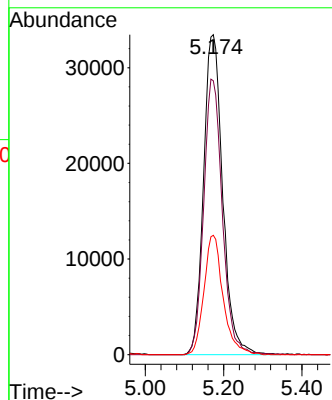
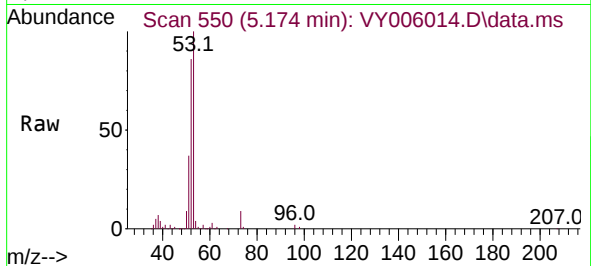




#15  
Acrylonitrile  
Concen: 246.774 ug/l  
RT: 5.174 min Scan# 550  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

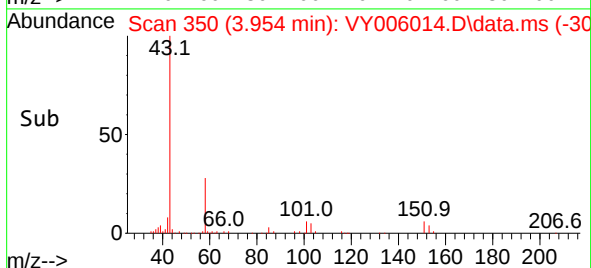
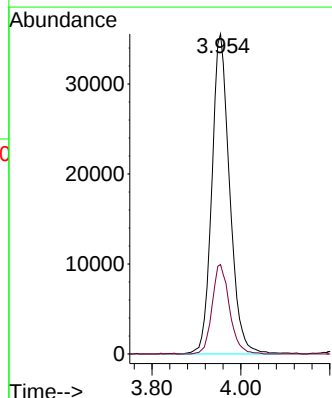
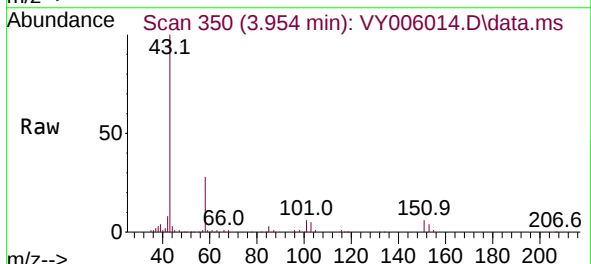
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

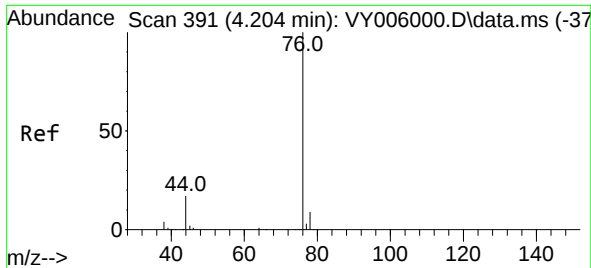
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 113440 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.9  | 67.0  | 100.4  |
| 51       | 37.3  | 29.8  | 44.6   |



#16  
Acetone  
Concen: 204.633 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 98988 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 27.9  | 22.0  | 33.0  |

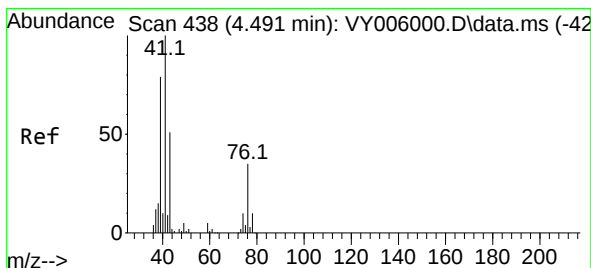
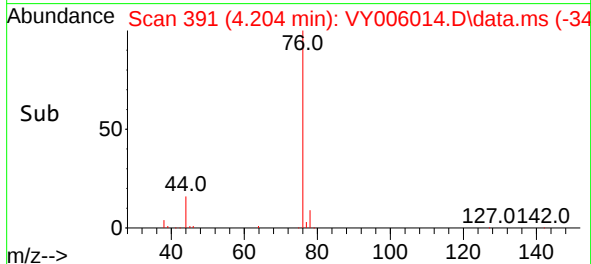
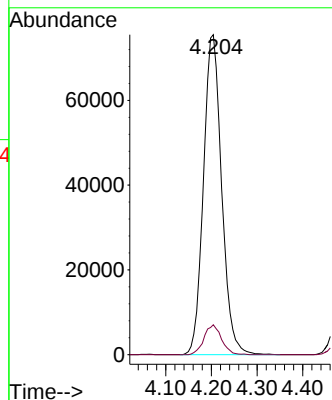
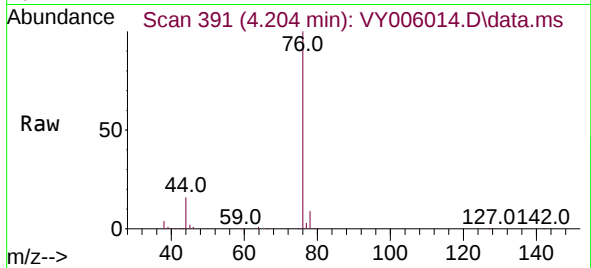




#17  
Carbon Disulfide  
Concen: 49.377 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

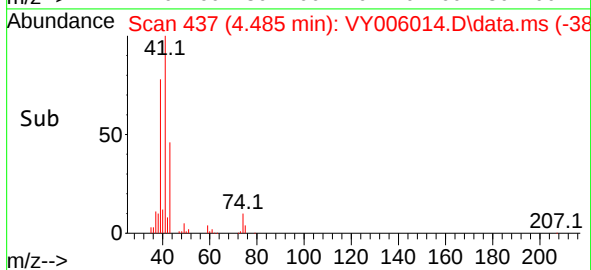
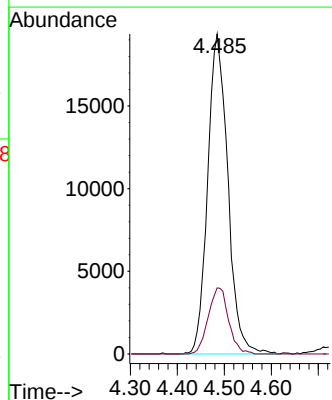
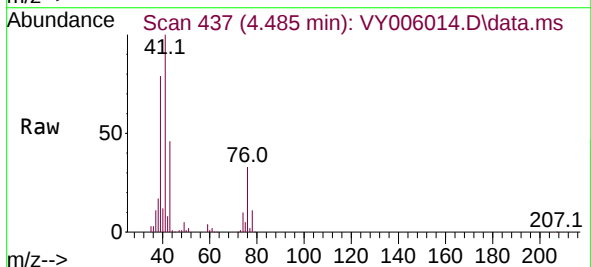
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

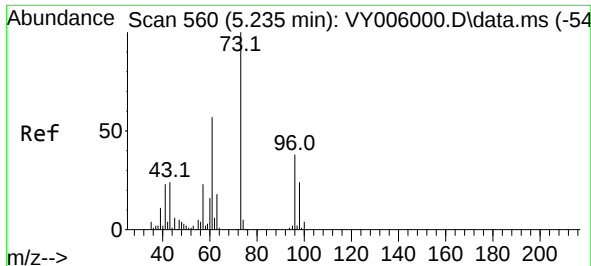
Tgt Ion: 76 Resp: 209054  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.4 11.0



#18  
Methyl Acetate  
Concen: 47.301 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 43 Resp: 57638  
Ion Ratio Lower Upper  
43 100  
74 20.8 16.6 24.8

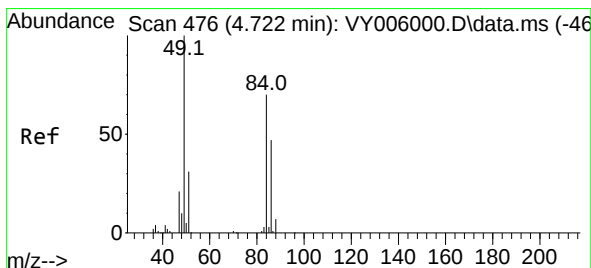
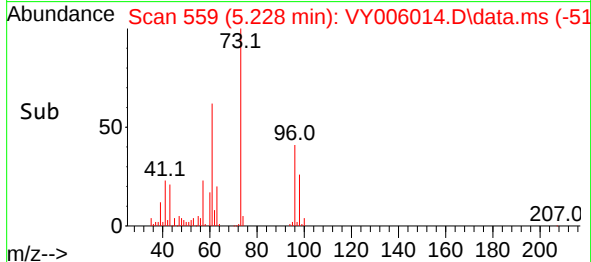
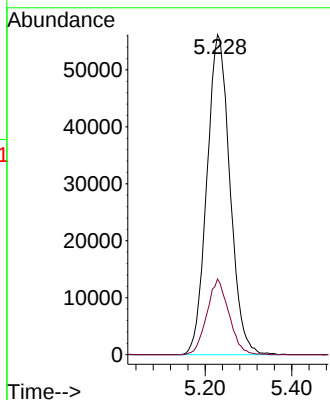
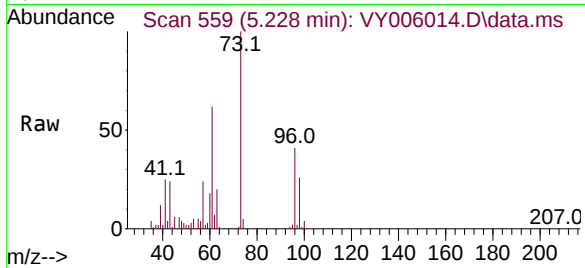




#19  
Methyl tert-butyl Ether  
Concen: 50.778 ug/l  
RT: 5.228 min Scan# 559  
Delta R.T. -0.007 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

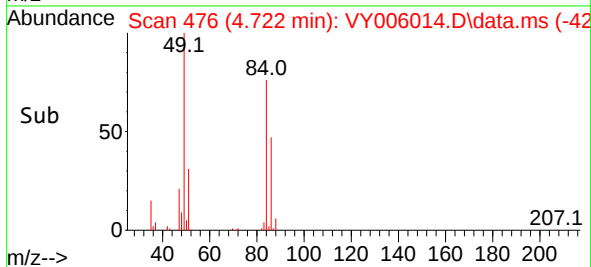
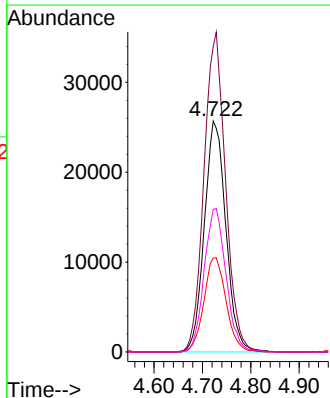
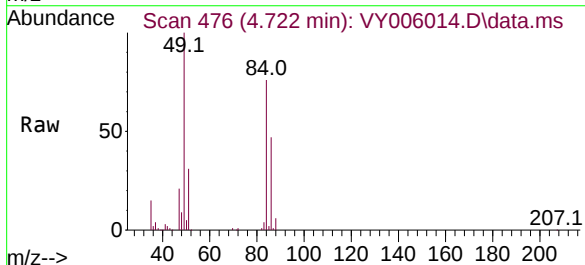
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MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

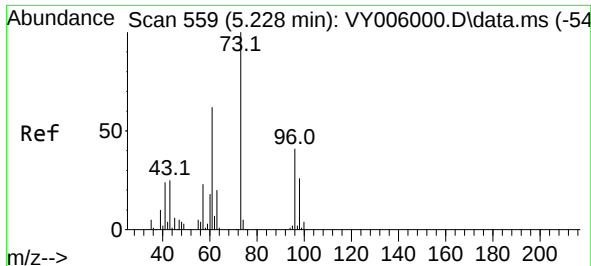
Tgt Ion: 73 Resp: 207534  
Ion Ratio Lower Upper  
73 100  
57 23.7 18.6 27.8



#20  
Methylene Chloride  
Concen: 53.050 ug/l  
RT: 4.722 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 84 Resp: 79637  
Ion Ratio Lower Upper  
84 100  
49 132.3 114.4 171.6  
51 40.7 35.3 52.9  
86 61.7 53.7 80.5

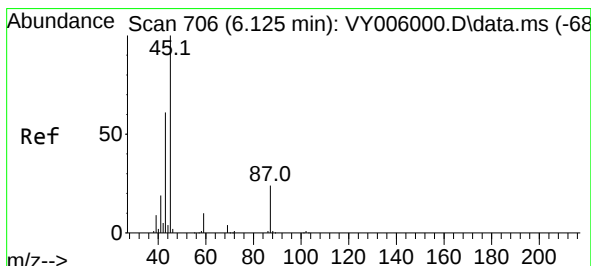
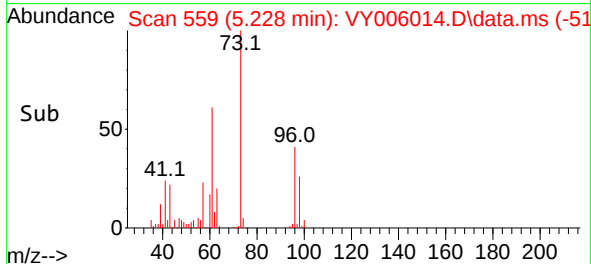
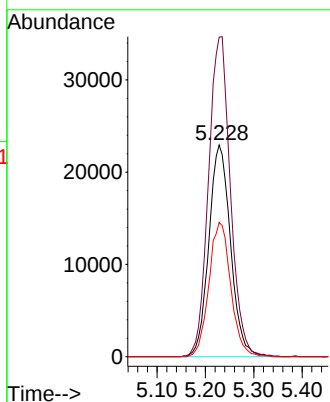
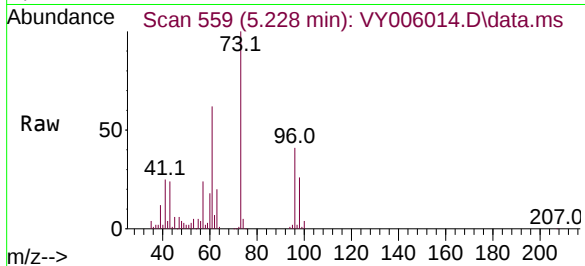




#21  
trans-1,2-Dichloroethene  
Concen: 50.312 ug/l  
RT: 5.228 min Scan# 559  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

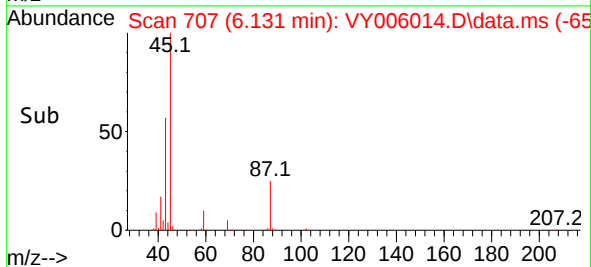
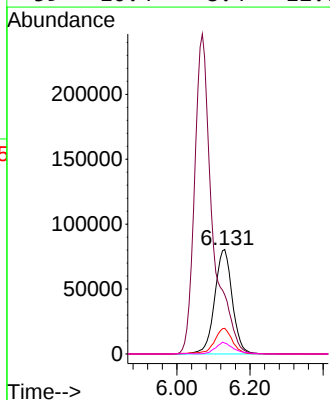
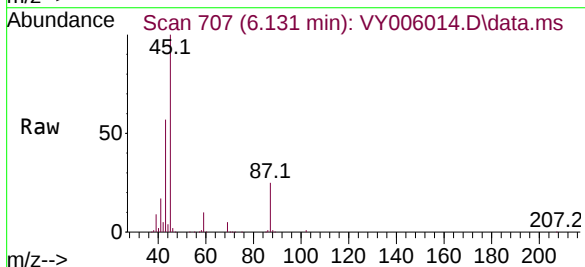
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

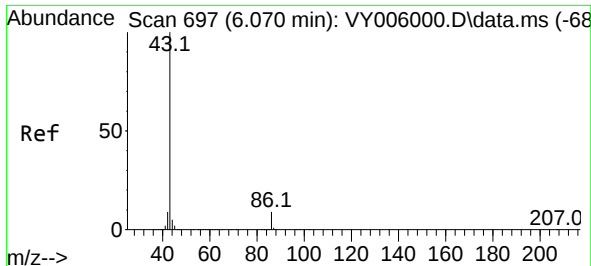
Tgt Ion: 96 Resp: 71521  
Ion Ratio Lower Upper  
96 100  
61 150.9 120.5 180.7  
98 63.4 49.8 74.8



#22  
Diisopropyl ether  
Concen: 51.290 ug/l  
RT: 6.131 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 45 Resp: 269710  
Ion Ratio Lower Upper  
45 100  
43 56.4 49.3 73.9  
87 24.6 19.2 28.8  
59 10.4 8.4 12.6

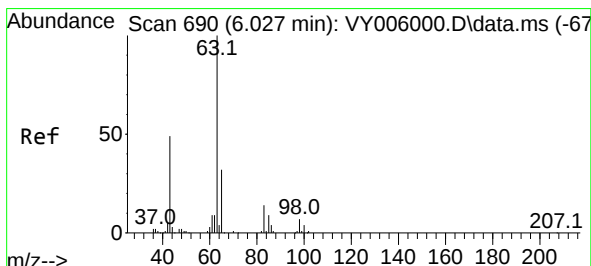
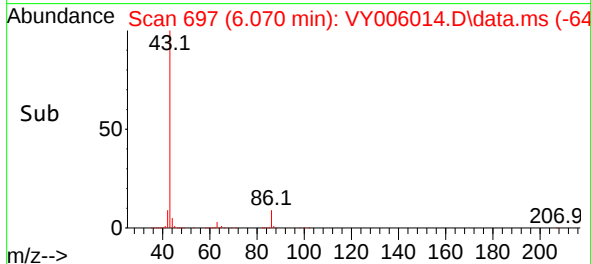
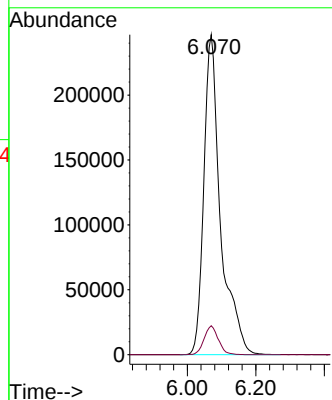
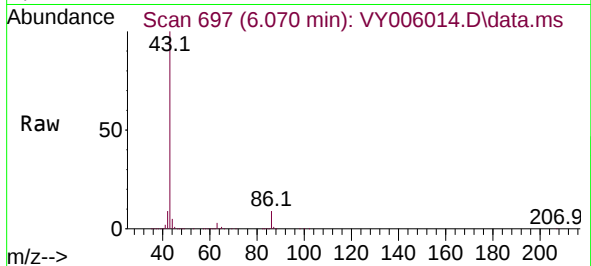




#23  
 Vinyl Acetate  
 Concen: 251.855 ug/l  
 RT: 6.070 min Scan# 697  
 Delta R.T. 0.000 min  
 Lab File: VY006014.D  
 Acq: 14 Sep 2021 17:39

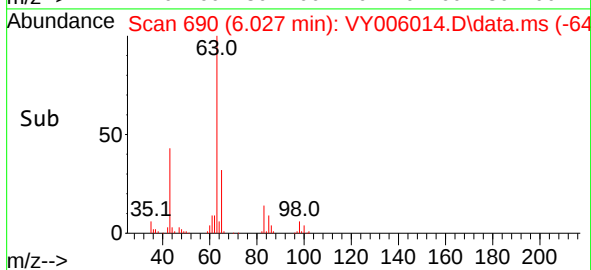
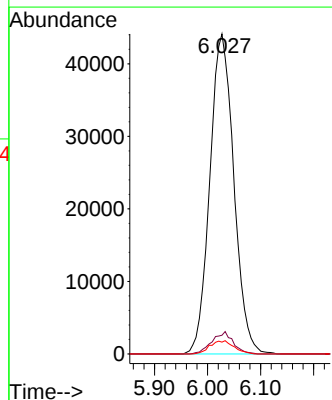
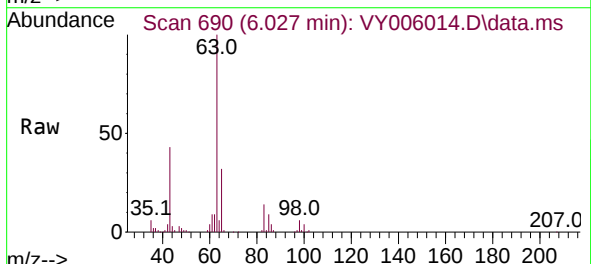
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

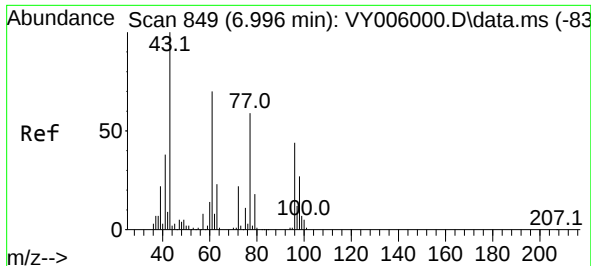
Tgt Ion: 43 Resp: 835677  
 Ion Ratio Lower Upper  
 43 100  
 86 9.1 7.1 10.7



#24  
 1,1-Dichloroethane  
 Concen: 51.492 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. 0.000 min  
 Lab File: VY006014.D  
 Acq: 14 Sep 2021 17:39

Tgt Ion: 63 Resp: 138728  
 Ion Ratio Lower Upper  
 63 100  
 98 5.9 3.6 10.8  
 100 3.7 2.0 5.8

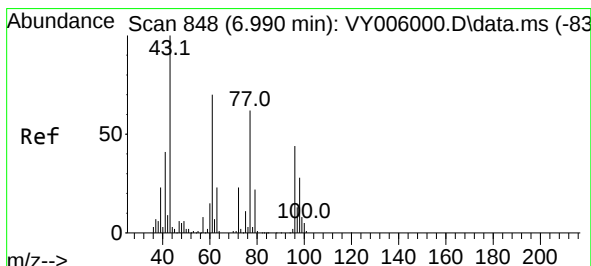
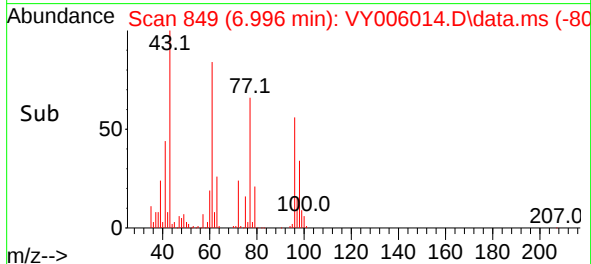
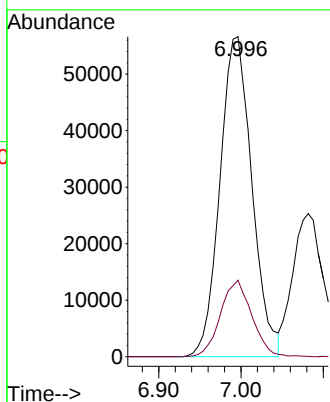
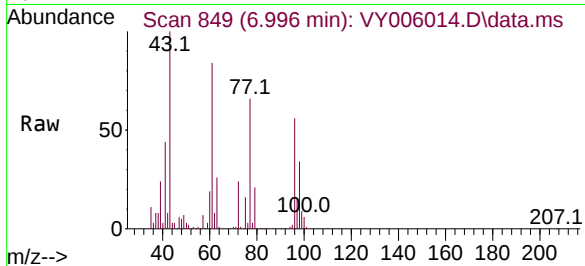




#25  
2-Butanone  
Concen: 230.302 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

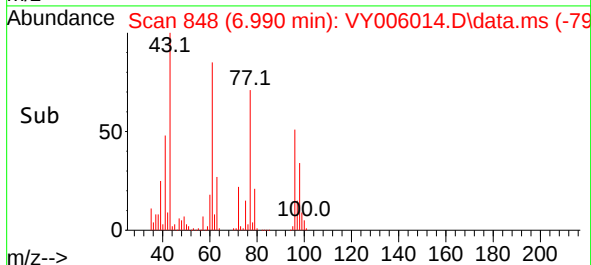
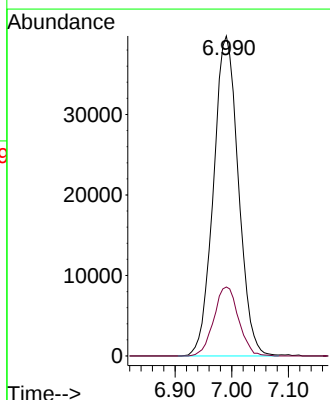
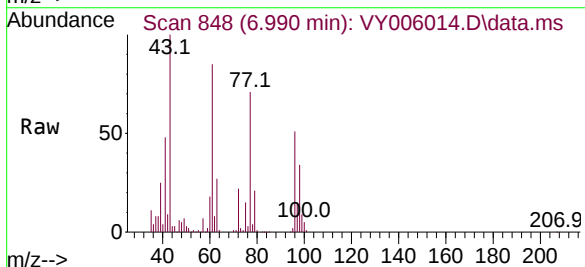
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

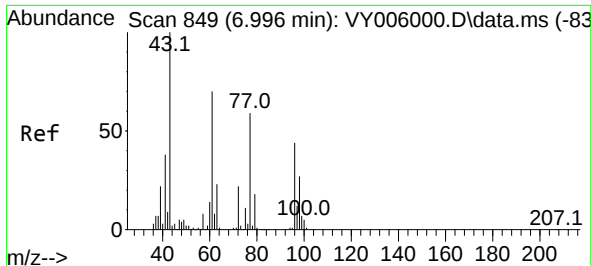
Tgt Ion: 43 Resp: 153548  
Ion Ratio Lower Upper  
43 100  
72 23.9 17.7 26.5



#26  
2,2-Dichloropropane  
Concen: 47.429 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 77 Resp: 121051  
Ion Ratio Lower Upper  
77 100  
97 21.4 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 51.781 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY006014.D

Acq: 14 Sep 2021 17:39

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

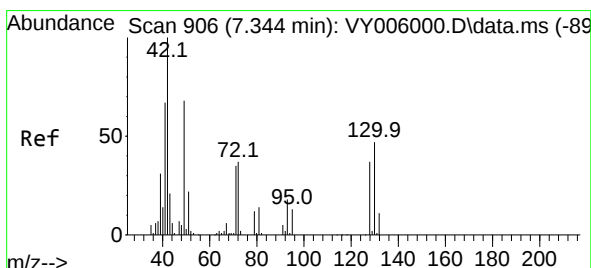
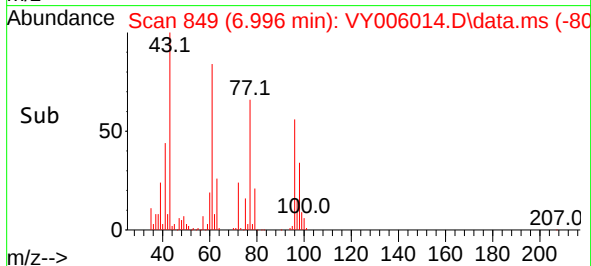
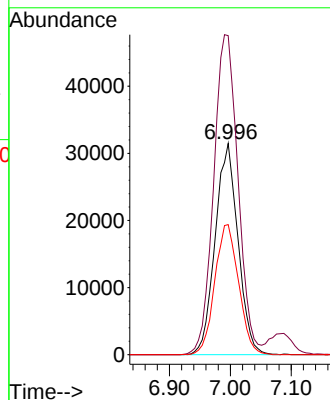
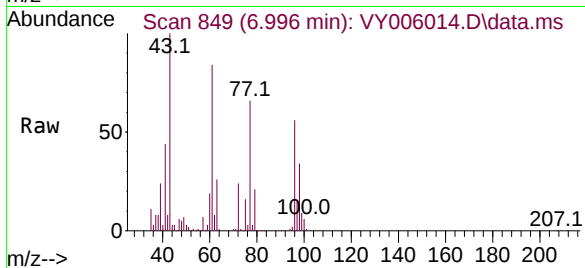
Tgt Ion: 96 Resp: 82123

Ion Ratio Lower Upper

96 100

61 161.4 0.0 319.8

98 64.2 0.0 127.0



#28

Bromochloromethane

Concen: 51.702 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY006014.D

Acq: 14 Sep 2021 17:39

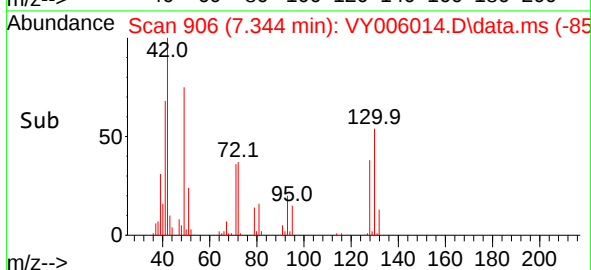
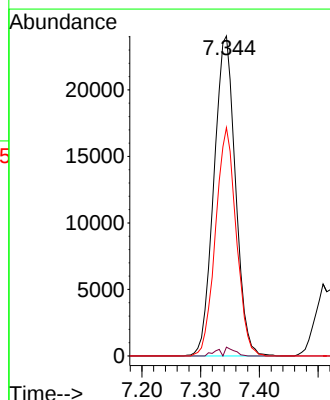
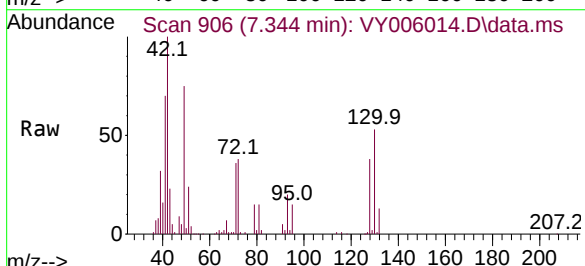
Tgt Ion: 49 Resp: 61189

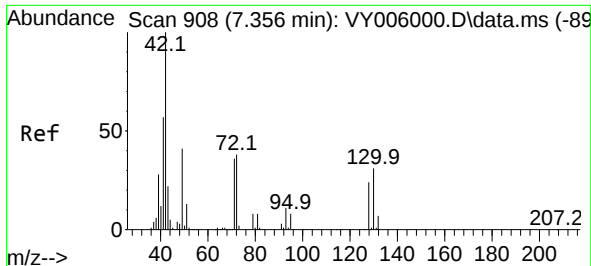
Ion Ratio Lower Upper

49 100

129 1.2 0.0 2.2

130 68.6 55.4 83.0





#29

Tetrahydrofuran

Concen: 237.739 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY006014.D

Acq: 14 Sep 2021 17:39

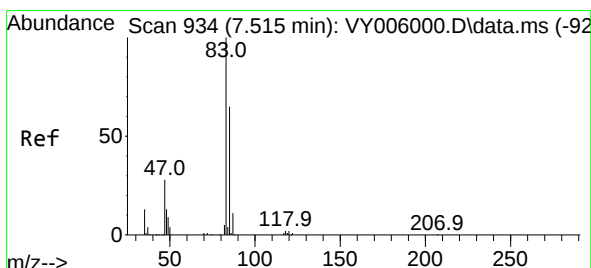
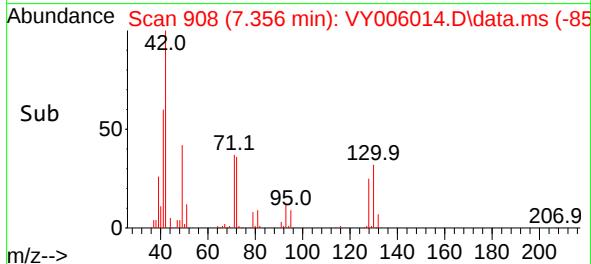
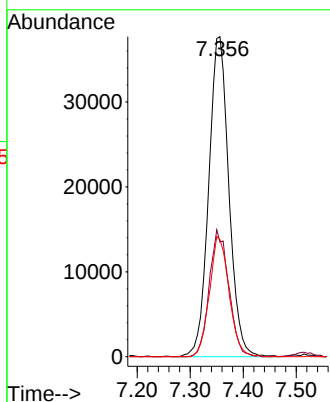
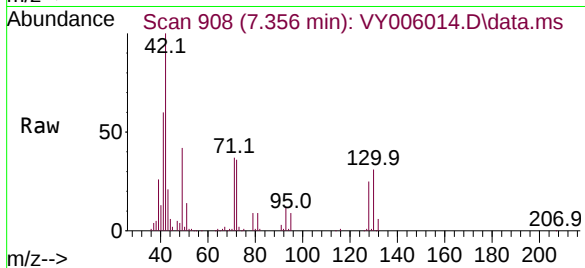
Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 99621 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 38.3  | 30.3  | 45.5  |
| 71       | 36.5  | 29.0  | 43.4  |



#30

Chloroform

Concen: 51.855 ug/l

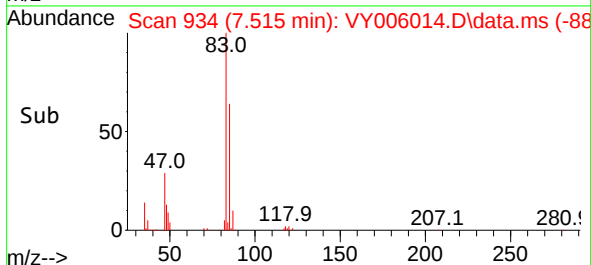
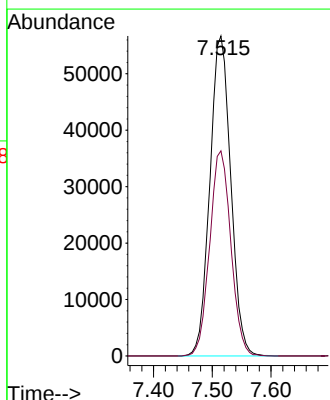
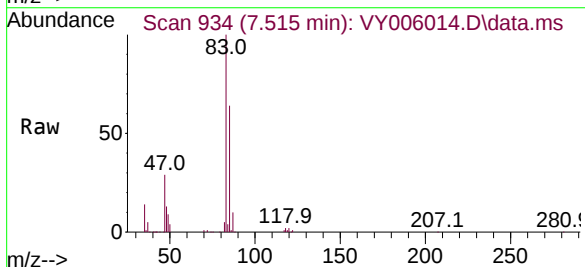
RT: 7.515 min Scan# 934

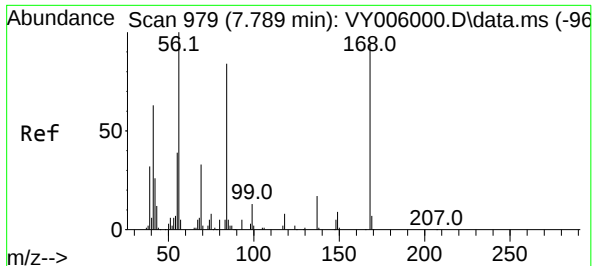
Delta R.T. 0.000 min

Lab File: VY006014.D

Acq: 14 Sep 2021 17:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 140078 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.1  | 51.8  | 77.6   |





#31

Cyclohexane

Concen: 46.536 ug/l

RT: 7.789 min Scan# 979

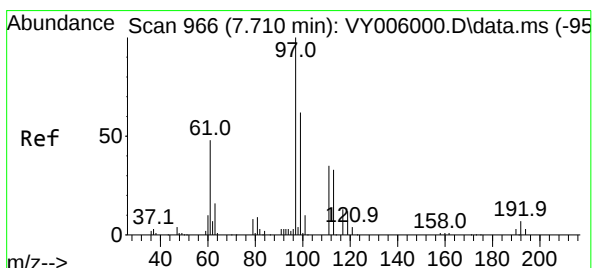
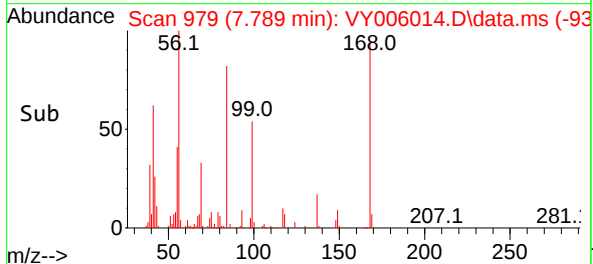
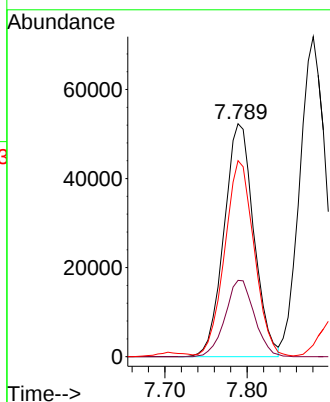
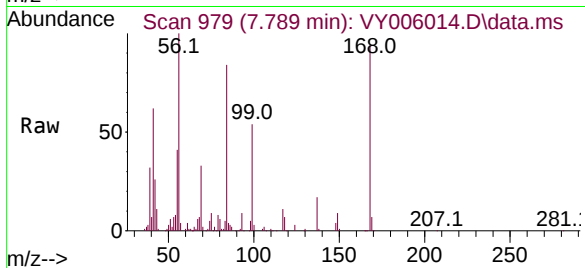
Delta R.T. 0.000 min

Lab File: VY006014.D

Acq: 14 Sep 2021 17:39

Tgt Ion: 56 Resp: 131477

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 32.8  | 26.7  | 40.1  |
| 84  | 82.7  | 67.2  | 100.8 |



#32

1,1,1-Trichloroethane

Concen: 50.867 ug/l

RT: 7.710 min Scan# 966

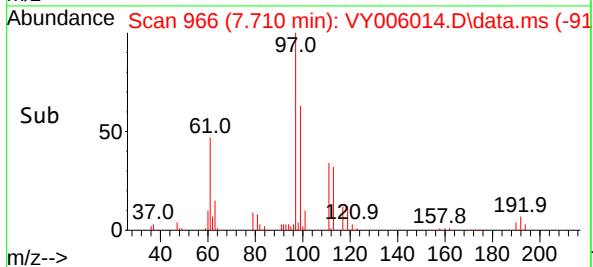
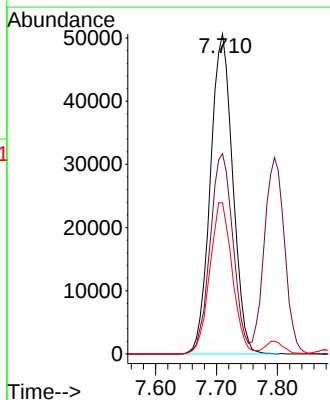
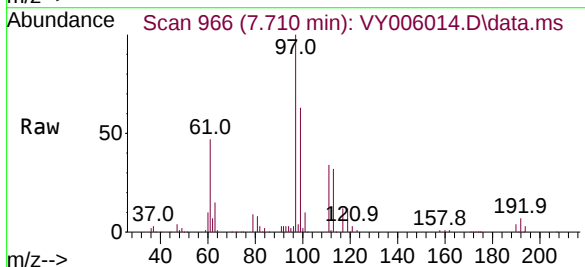
Delta R.T. 0.000 min

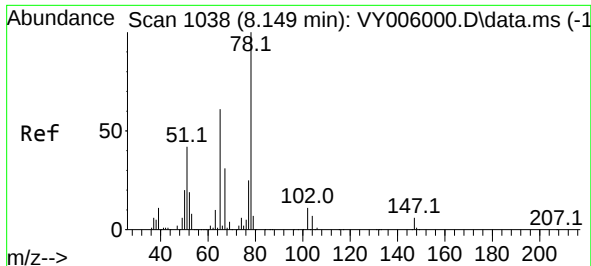
Lab File: VY006014.D

Acq: 14 Sep 2021 17:39

Tgt Ion: 97 Resp: 129015

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.1  | 50.7  | 76.1  |
| 61  | 47.7  | 37.6  | 56.4  |

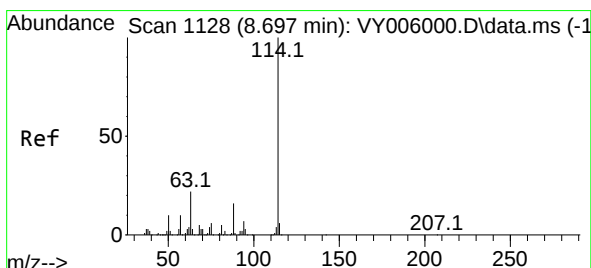
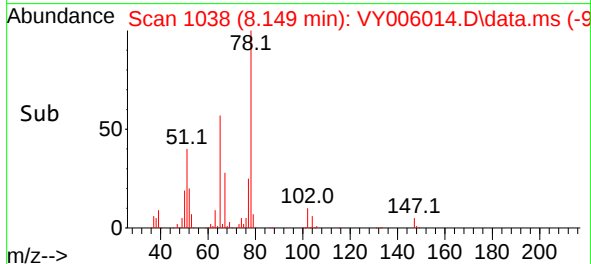
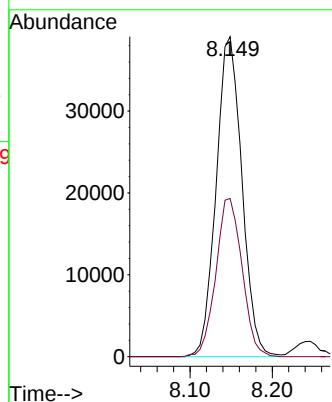
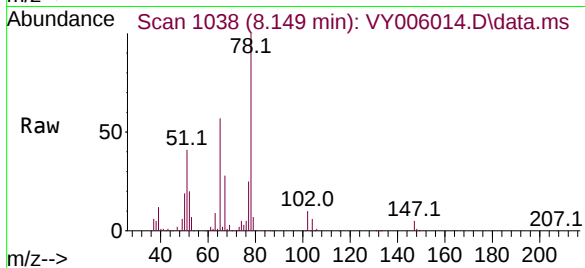




#33  
1,2-Dichloroethane-d4  
Concen: 48.233 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

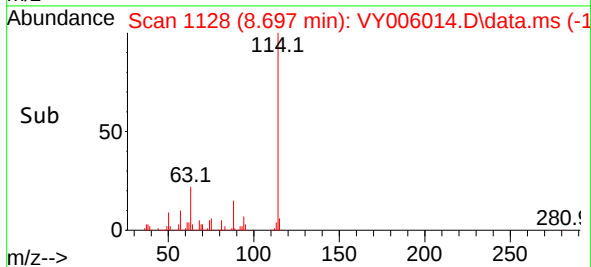
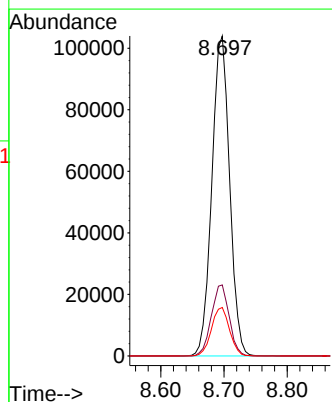
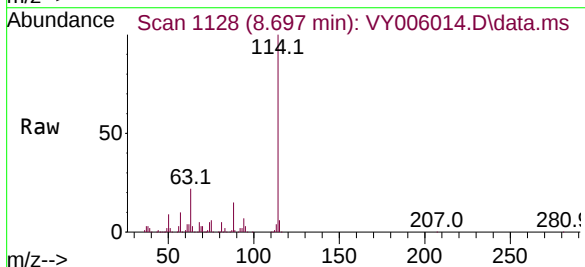
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

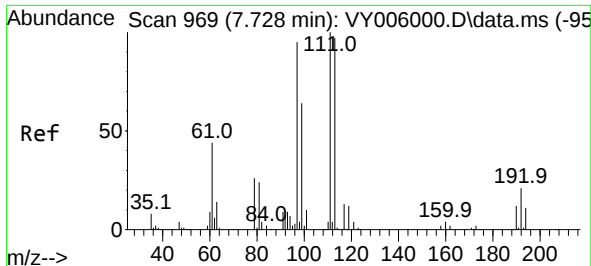
Tgt Ion: 65 Resp: 85067  
Ion Ratio Lower Upper  
65 100  
67 50.3 0.0 99.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 114 Resp: 202548  
Ion Ratio Lower Upper  
114 100  
63 22.2 0.0 43.2  
88 15.1 0.0 31.8

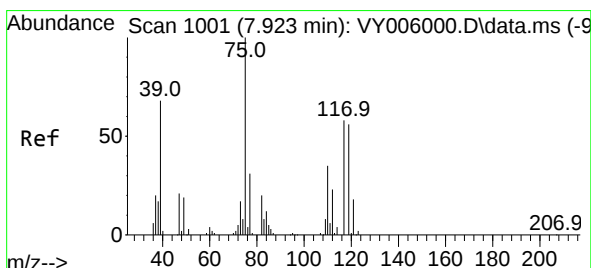
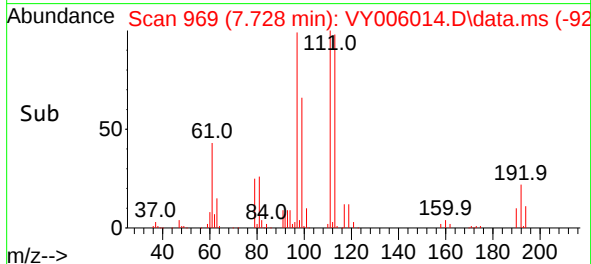
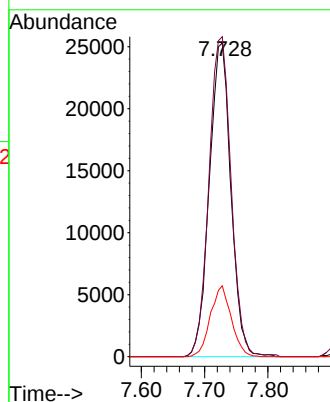
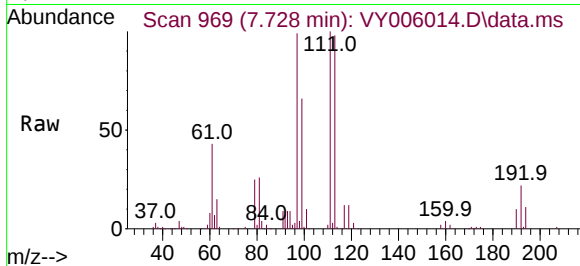




#35  
Dibromofluoromethane  
Concen: 47.635 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

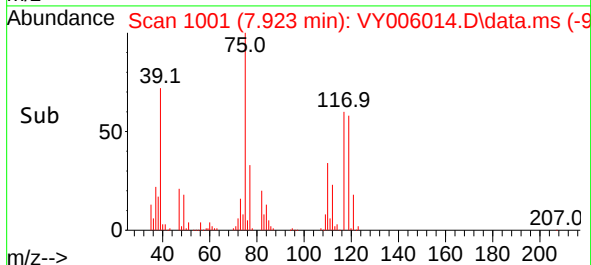
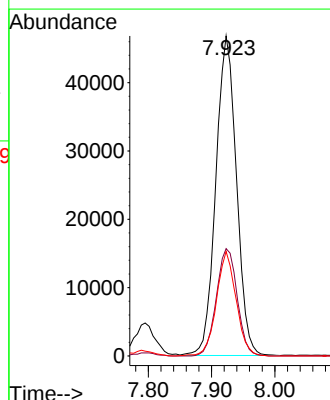
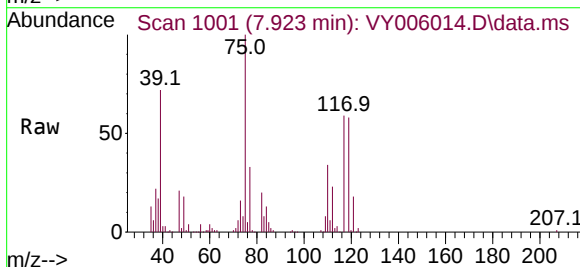
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

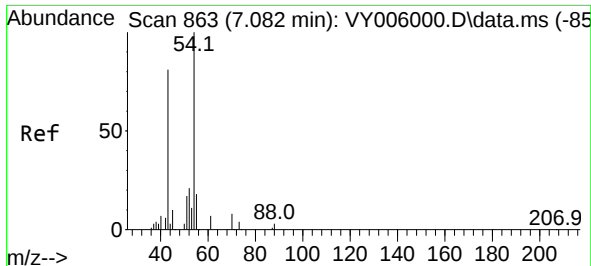
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 59928 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 104.4 | 82.6  | 124.0 |
| 192      | 21.9  | 17.6  | 26.4  |



#36  
1,1-Dichloropropene  
Concen: 48.290 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 105572 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 110      | 33.9  | 17.1  | 51.2   |
| 77       | 31.2  | 24.4  | 36.6   |





#37

Ethyl Acetate

Concen: 44.801 ug/l

RT: 7.082 min Scan# 863

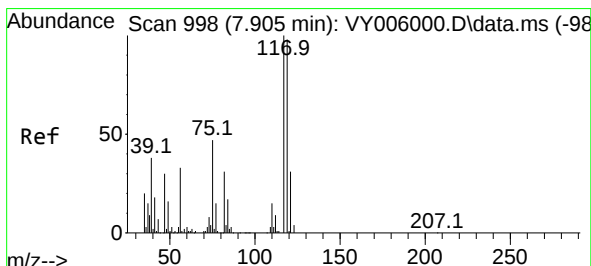
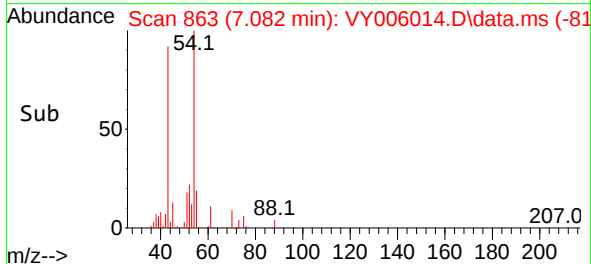
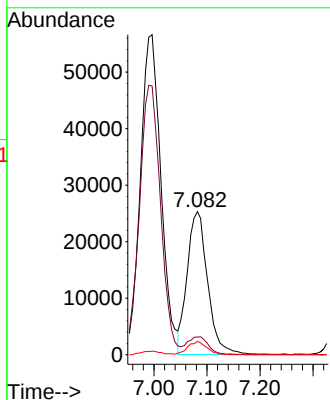
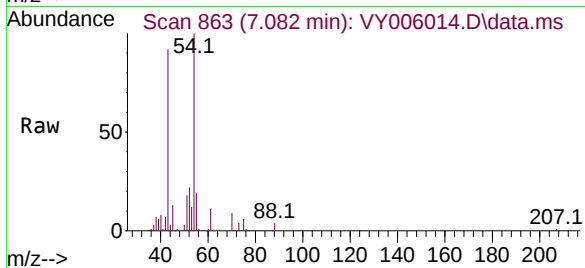
Delta R.T. 0.000 min

Lab File: VY006014.D

Acq: 14 Sep 2021 17:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 67661 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.0  | 9.7   | 14.5  |
| 70       | 8.6   | 7.1   | 10.7  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



#38

Carbon Tetrachloride

Concen: 49.032 ug/l

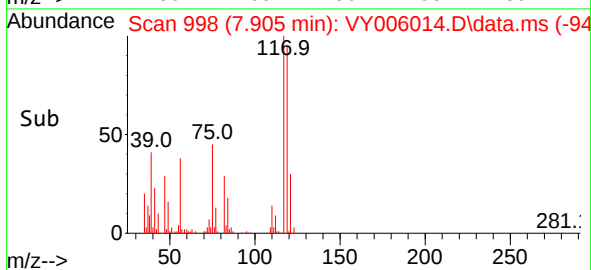
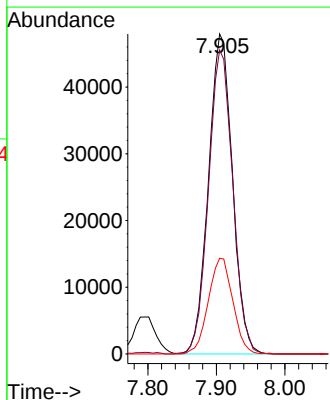
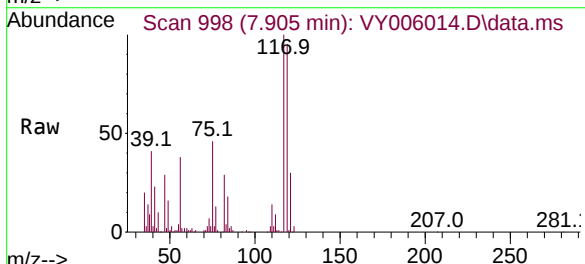
RT: 7.905 min Scan# 998

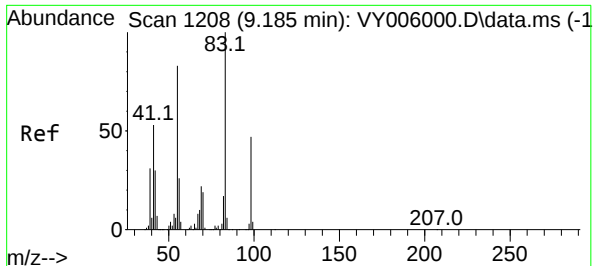
Delta R.T. 0.000 min

Lab File: VY006014.D

Acq: 14 Sep 2021 17:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 116695 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.0  | 77.9  | 116.9  |
| 121      | 29.9  | 24.8  | 37.2   |





#39

Methylcyclohexane

Concen: 48.261 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. 0.000 min

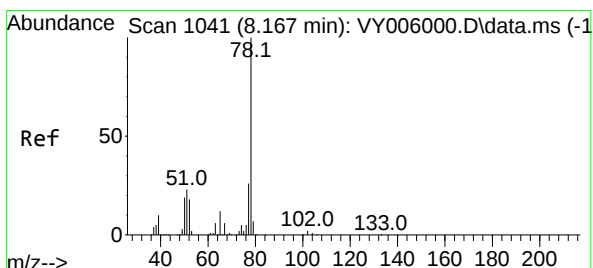
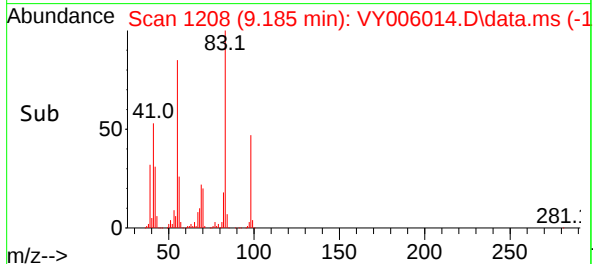
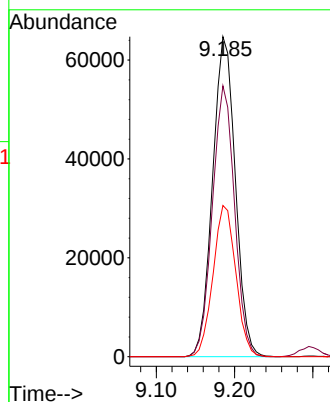
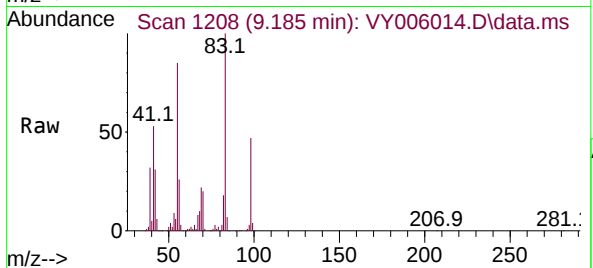
Lab File: VY006014.D

Acq: 14 Sep 2021 17:39

Tgt Ion: 83 Resp: 130769

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 84.7  | 66.5  | 99.7  |
| 98  | 47.3  | 37.9  | 56.9  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



#40

Benzene

Concen: 49.454 ug/l

RT: 8.167 min Scan# 1041

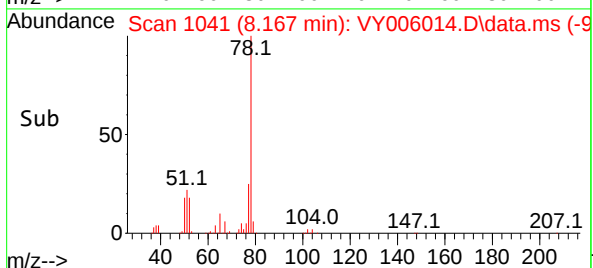
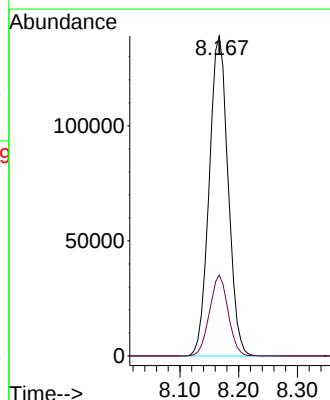
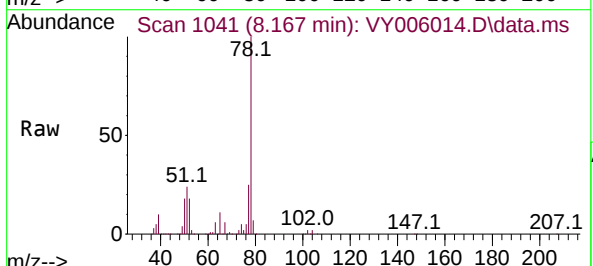
Delta R.T. 0.000 min

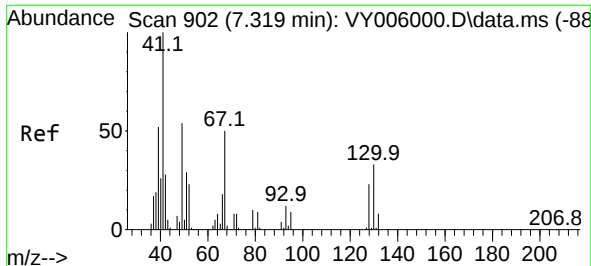
Lab File: VY006014.D

Acq: 14 Sep 2021 17:39

Tgt Ion: 78 Resp: 310034

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 25.3  | 20.4  | 30.6  |

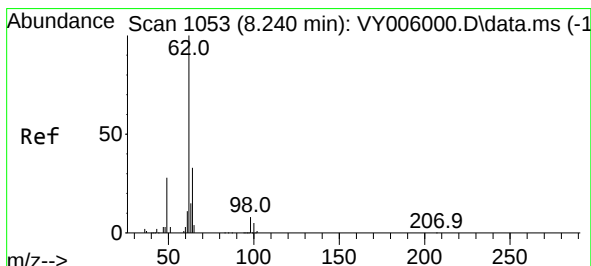
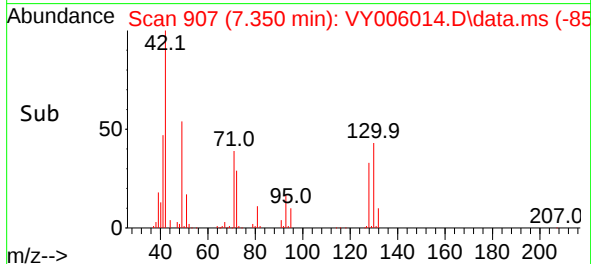
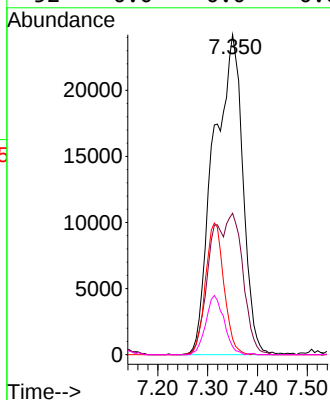
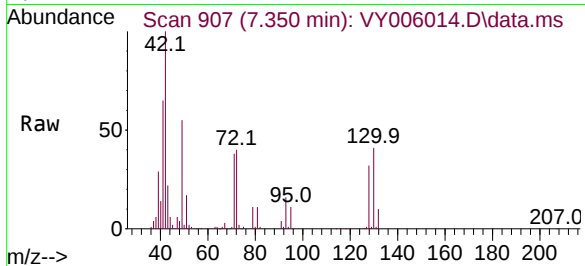




#41  
Methacrylonitrile  
Concen: 111.363 ug/l  
RT: 7.350 min Scan# 907  
Delta R.T. 0.030 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

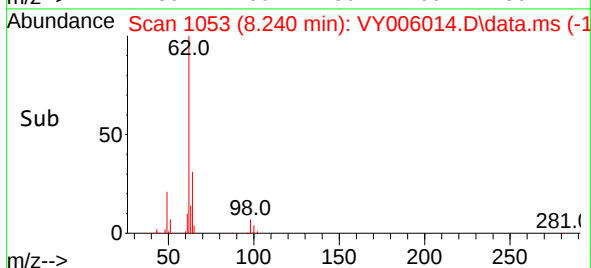
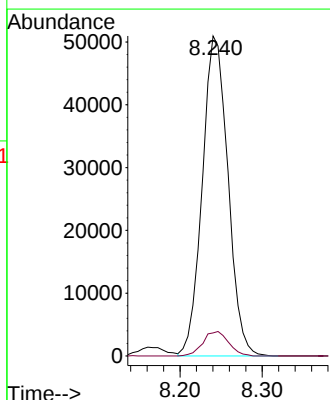
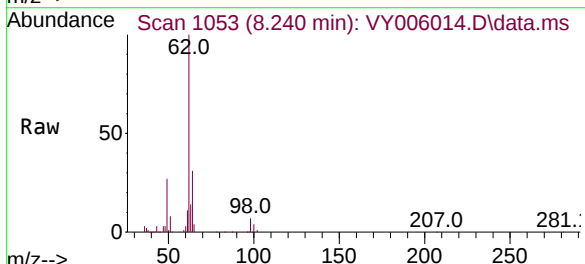
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

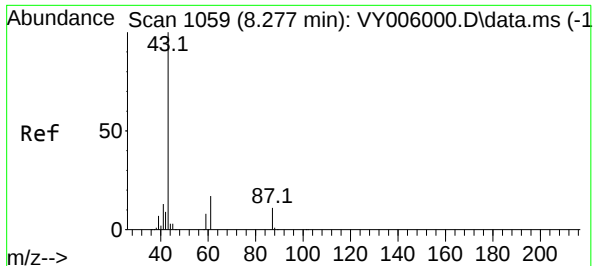
Tgt Ion: 41 Resp: 98229  
Ion Ratio Lower Upper  
41 100  
39 0.0 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 49.911 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 62 Resp: 110653  
Ion Ratio Lower Upper  
62 100  
98 7.7 0.0 14.8

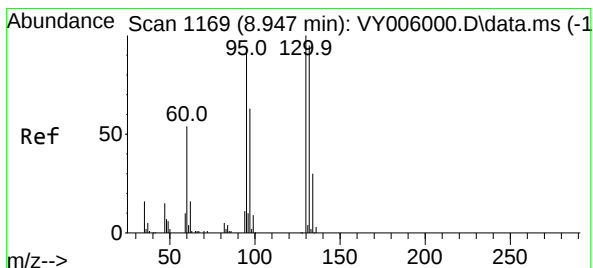
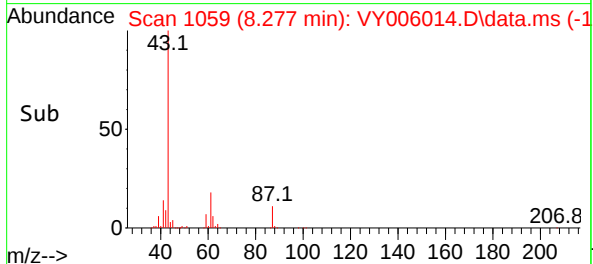
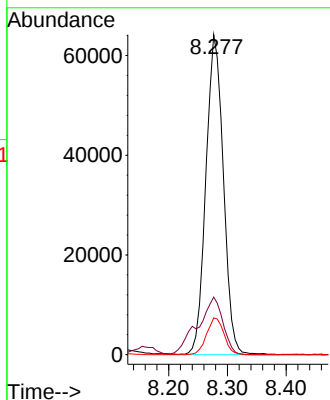
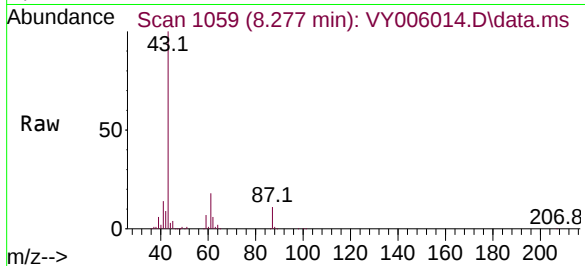




#43  
Isopropyl Acetate  
Concen: 47.197 ug/l  
RT: 8.277 min Scan# 1059  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

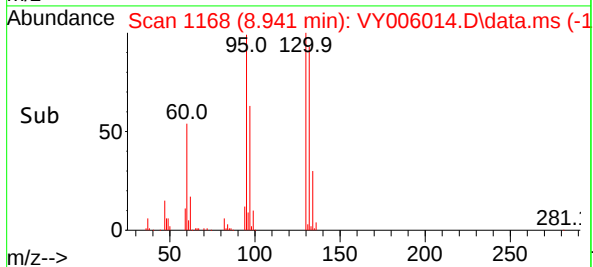
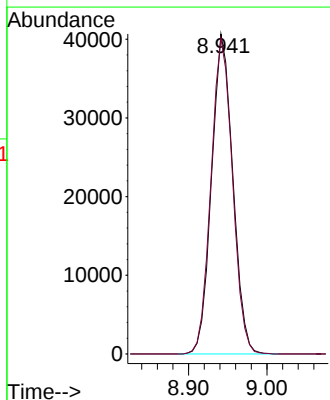
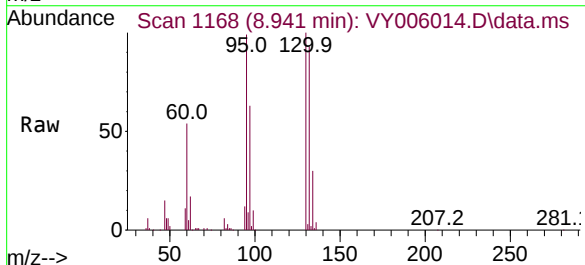
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

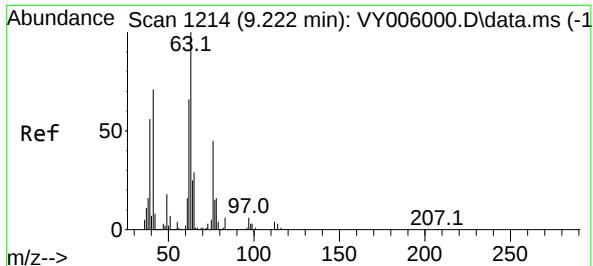
Tgt Ion: 43 Resp: 132769  
Ion Ratio Lower Upper  
43 100  
61 25.9 20.2 30.2  
87 11.4 8.9 13.3



#44  
Trichloroethene  
Concen: 49.105 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. -0.006 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion:130 Resp: 76715  
Ion Ratio Lower Upper  
130 100  
95 98.6 0.0 188.2



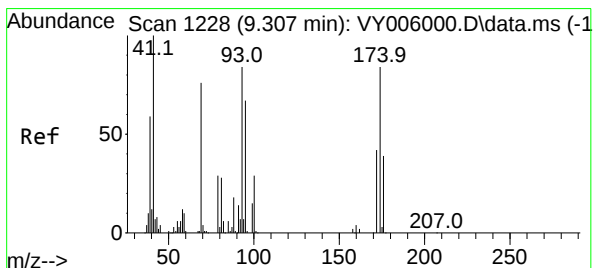
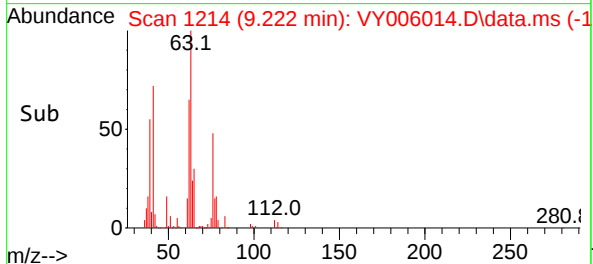
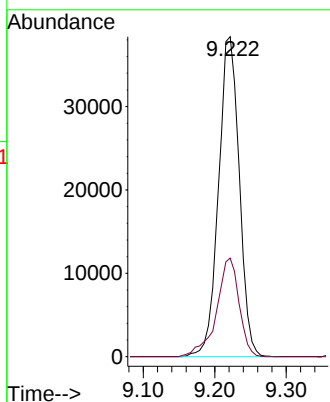
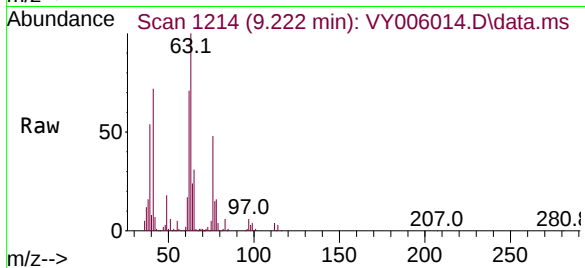


#45

1,2-Dichloropropane  
Concen: 49.813 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

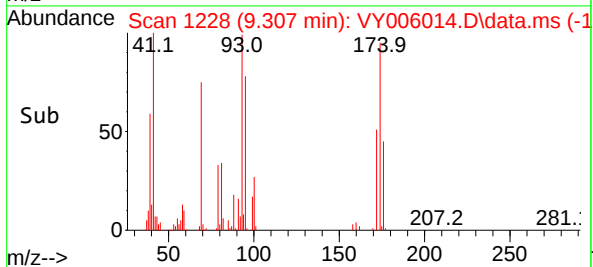
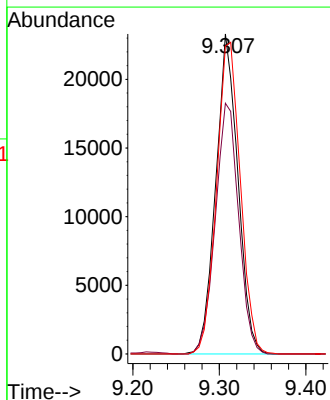
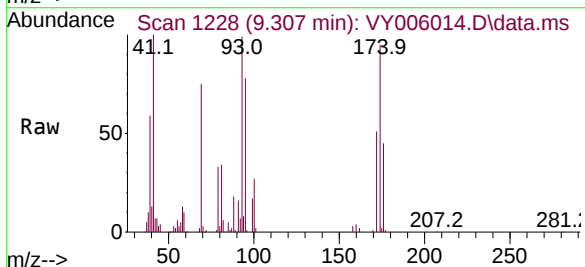
Tgt Ion: 63 Resp: 77253  
Ion Ratio Lower Upper  
63 100  
65 30.8 23.0 34.6

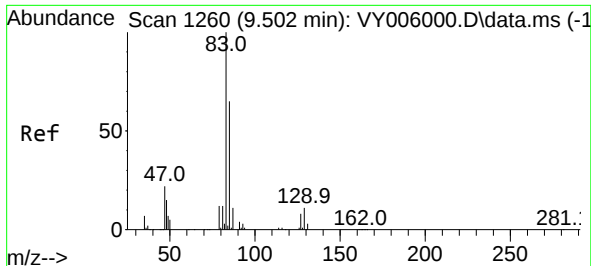


#46

Dibromomethane  
Concen: 49.197 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 93 Resp: 41298  
Ion Ratio Lower Upper  
93 100  
95 82.6 64.3 96.5  
174 104.9 83.4 125.0

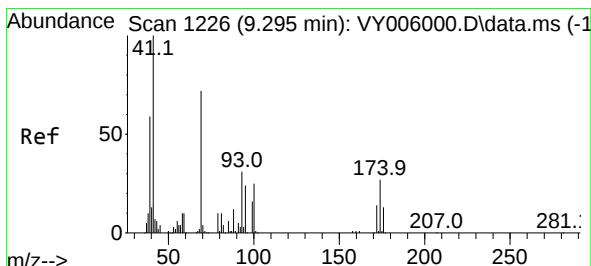
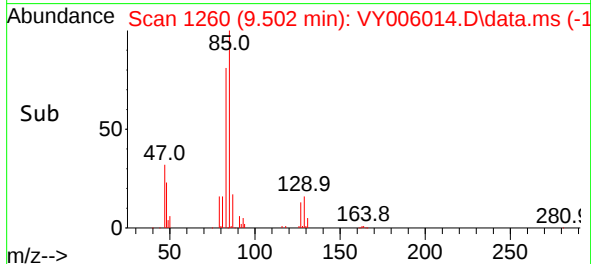
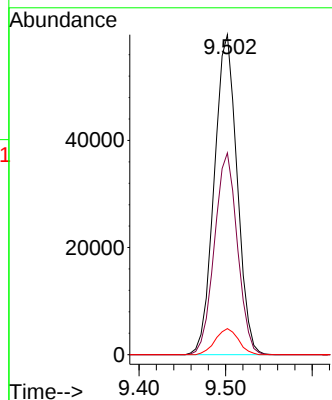
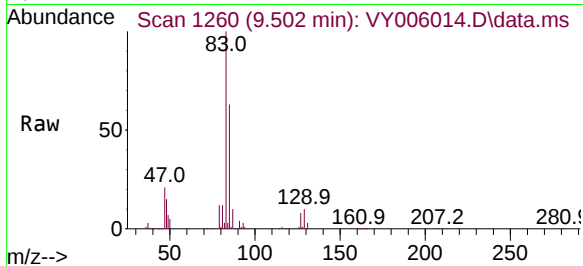




#47  
Bromodichloromethane  
Concen: 50.650 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

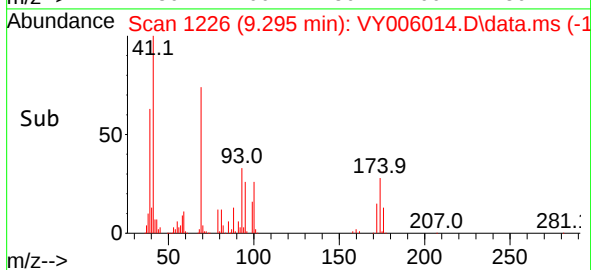
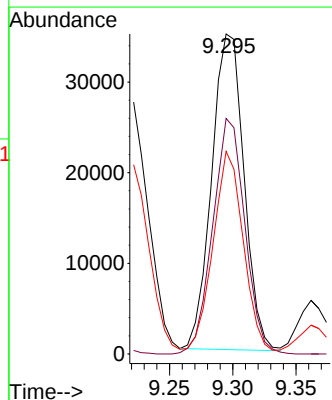
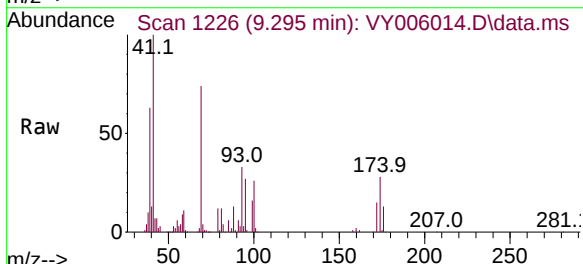
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

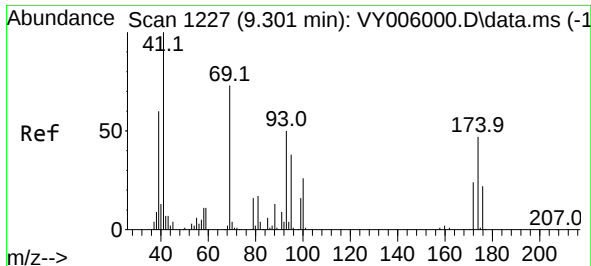
Tgt Ion: 83 Resp: 109437  
Ion Ratio Lower Upper  
83 100  
85 63.1 51.9 77.9  
127 8.2 6.6 10.0



#48  
Methyl methacrylate  
Concen: 47.543 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 41 Resp: 61800  
Ion Ratio Lower Upper  
41 100  
69 74.2 58.2 87.2  
39 60.8 47.4 71.0





#49

1,4-Dioxane

Concen: 976.037 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY006014.D

Acq: 14 Sep 2021 17:39

Tgt Ion: 88 Resp: 11307

Ion Ratio Lower Upper

88 100

43 40.4 32.8 49.2

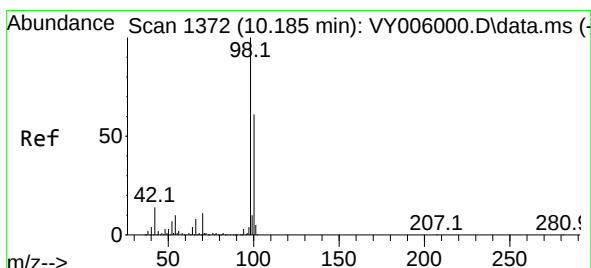
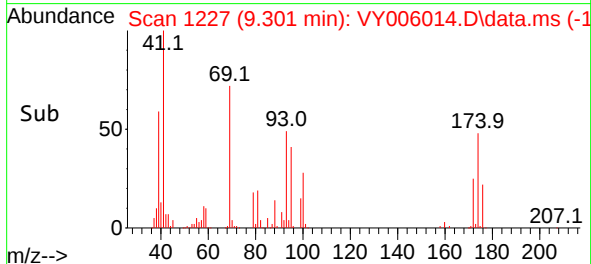
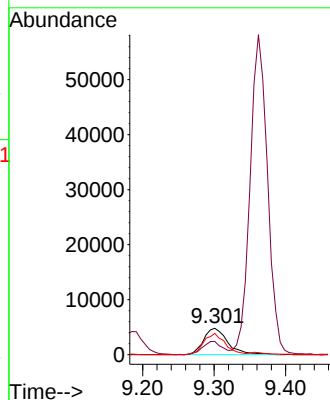
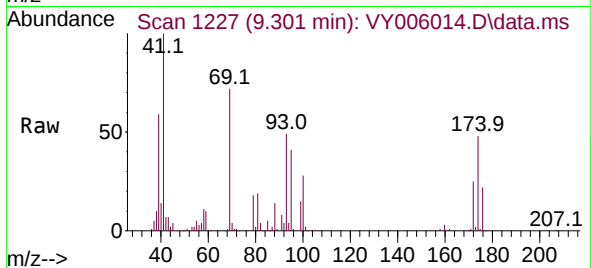
58 71.2 59.8 89.6

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC



#50

Toluene-d8

Concen: 48.004 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY006014.D

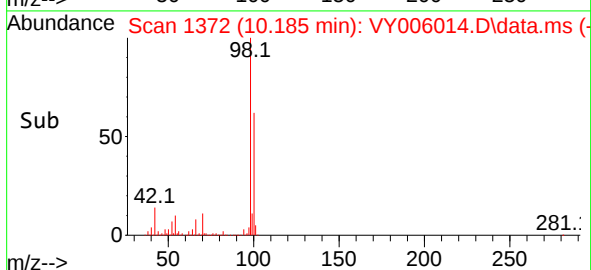
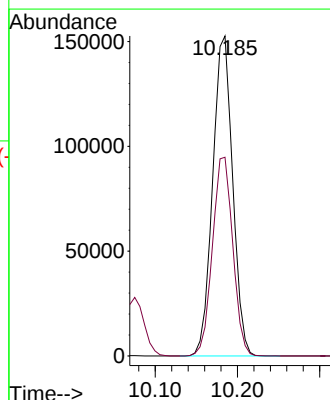
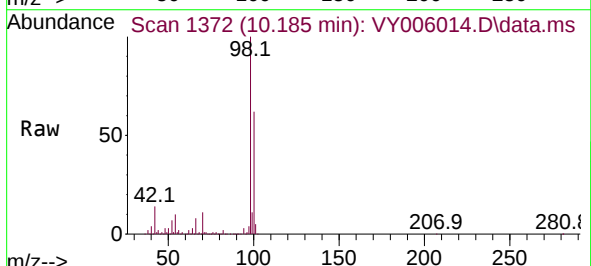
Acq: 14 Sep 2021 17:39

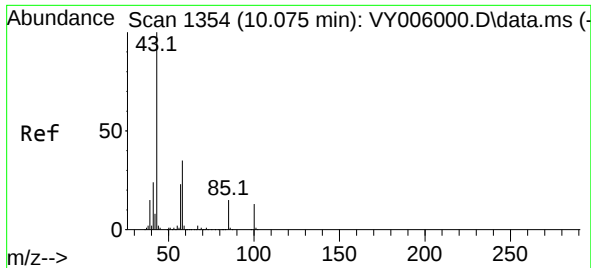
Tgt Ion: 98 Resp: 257391

Ion Ratio Lower Upper

98 100

100 63.4 50.2 75.2

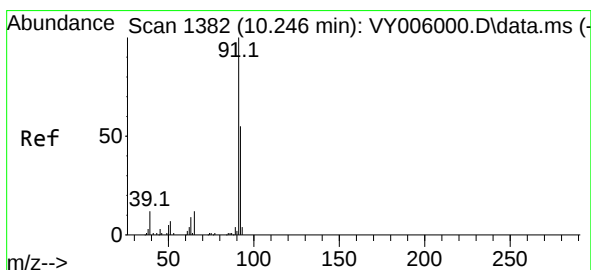
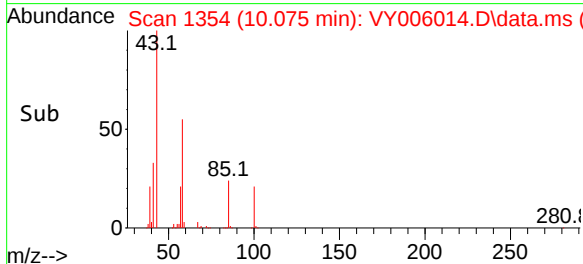
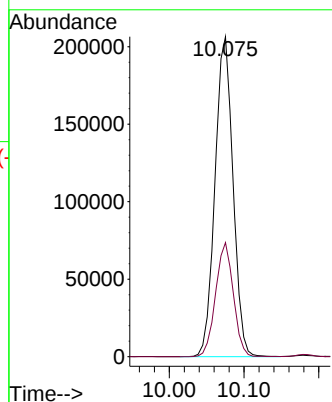
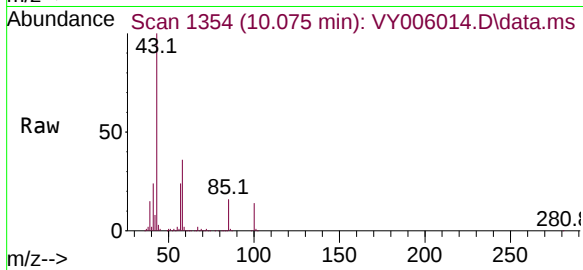




#51  
4-Methyl-2-Pentanone  
Concen: 230.871 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

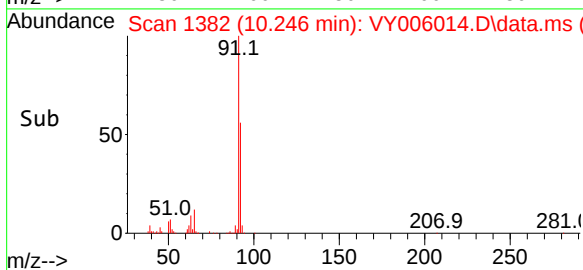
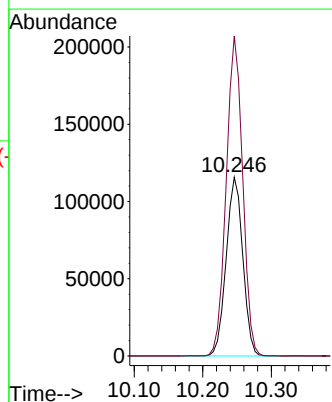
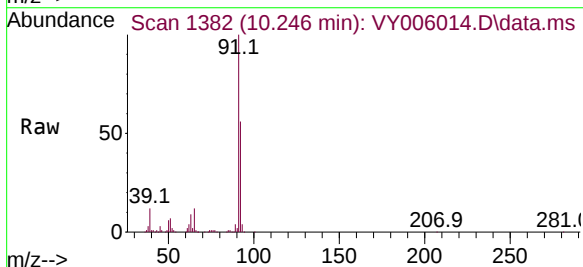
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

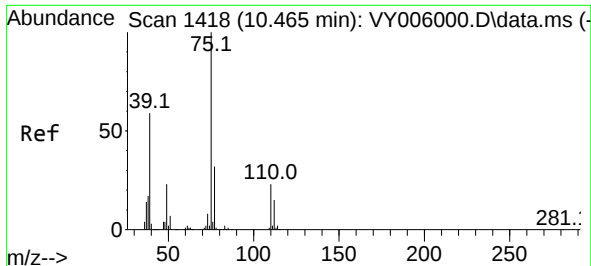
Tgt Ion: 43 Resp: 346233  
Ion Ratio Lower Upper  
43 100  
58 35.1 28.1 42.1



#52  
Toluene  
Concen: 50.418 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 92 Resp: 194775  
Ion Ratio Lower Upper  
92 100  
91 176.7 142.6 213.8

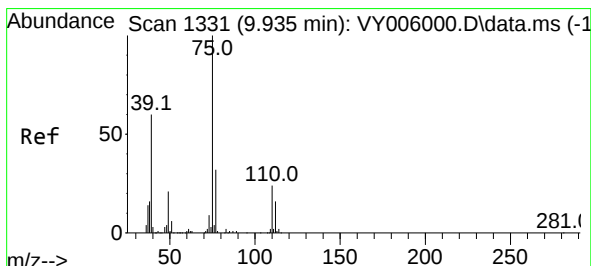
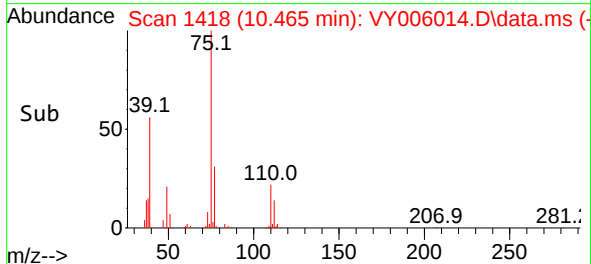
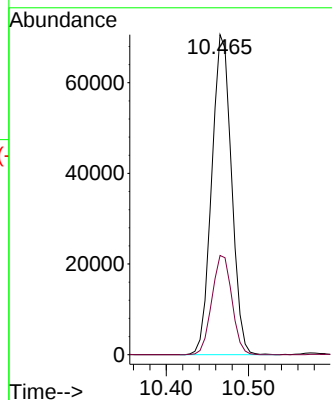
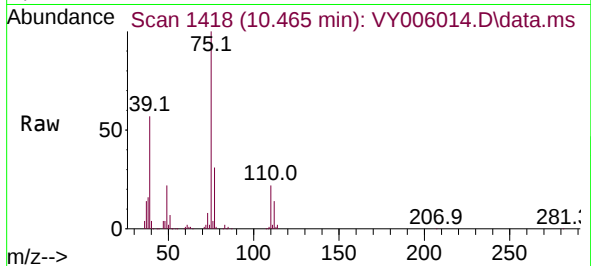




#53  
 t-1,3-Dichloropropene  
 Concen: 49.658 ug/l  
 RT: 10.465 min Scan# 1418  
 Delta R.T. 0.000 min  
 Lab File: VY006014.D  
 Acq: 14 Sep 2021 17:39

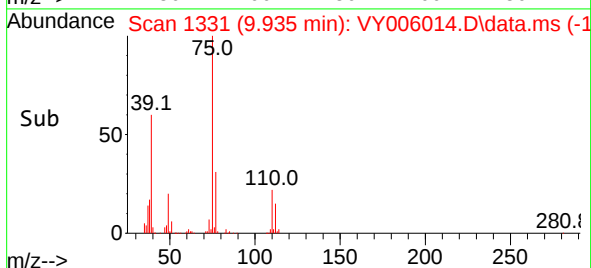
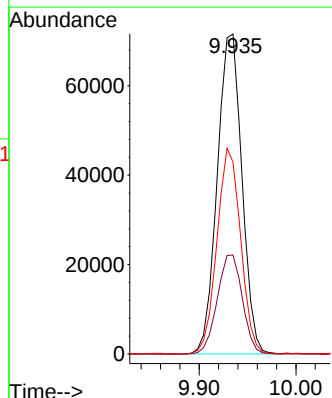
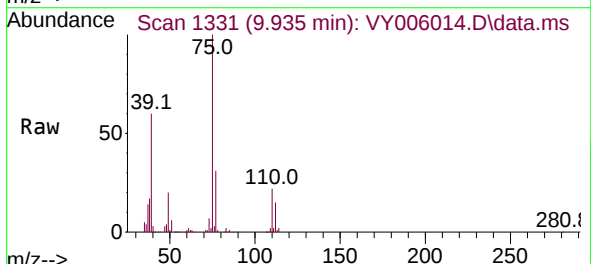
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

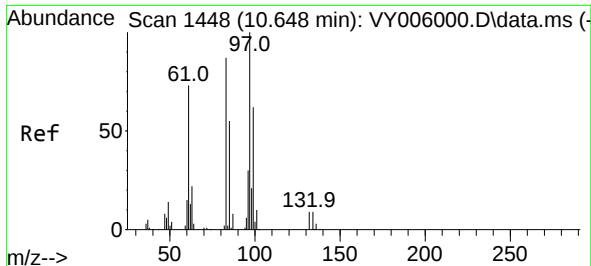
Tgt Ion: 75 Resp: 117859  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 49.530 ug/l  
 RT: 9.935 min Scan# 1331  
 Delta R.T. 0.000 min  
 Lab File: VY006014.D  
 Acq: 14 Sep 2021 17:39

Tgt Ion: 75 Resp: 126786  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 25.6 38.4  
 39 59.9 47.6 71.4

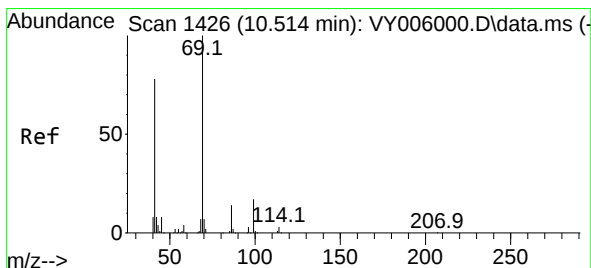
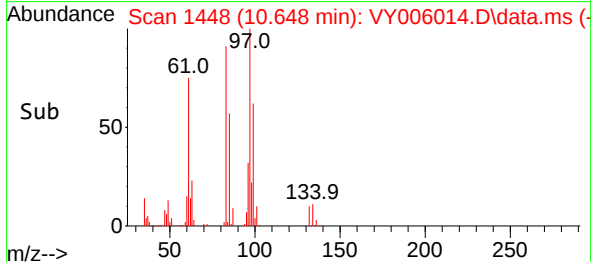
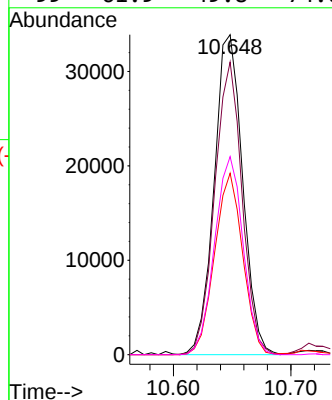
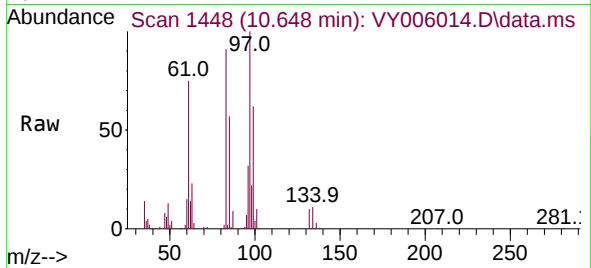




#55  
1,1,2-Trichloroethane  
Concen: 49.564 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

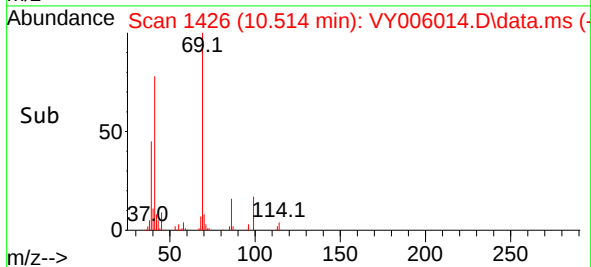
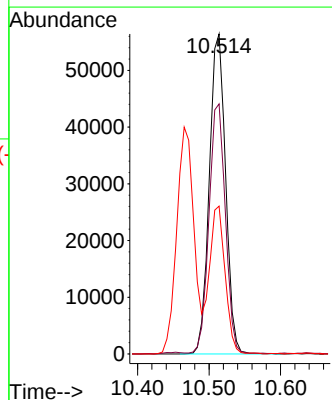
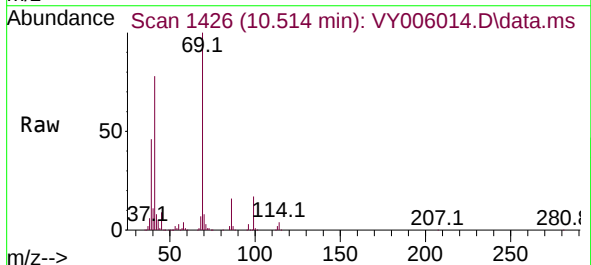
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

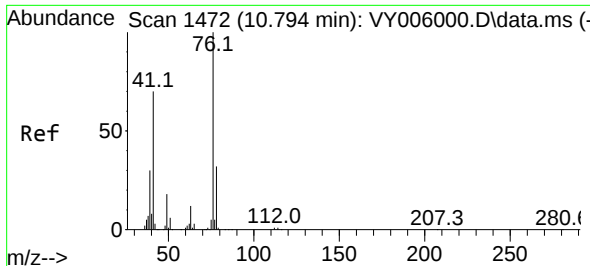
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 57172 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 91.4  | 69.8  | 104.8 |
| 85       | 56.7  | 44.3  | 66.5  |
| 99       | 61.9  | 49.8  | 74.6  |



#56  
Ethyl methacrylate  
Concen: 48.316 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 89095 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 78.9  | 63.4  | 95.0  |
| 39       | 44.8  | 35.8  | 53.8  |

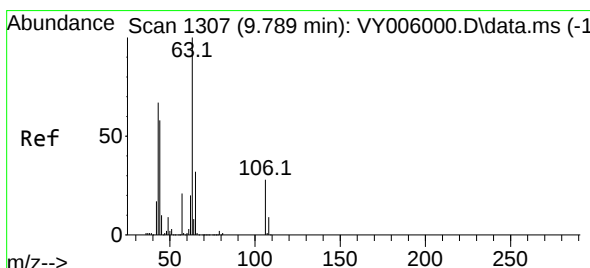
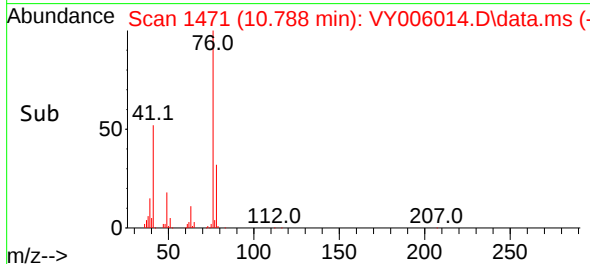
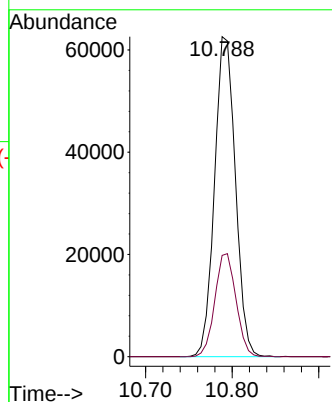
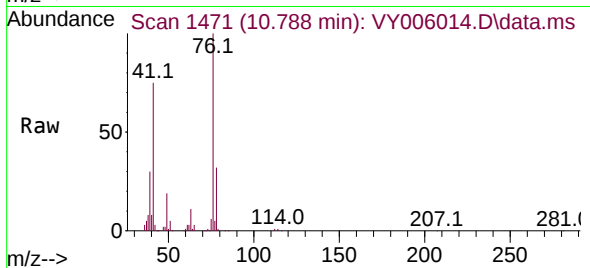




#57  
1,3-Dichloropropane  
Concen: 49.273 ug/l  
RT: 10.788 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

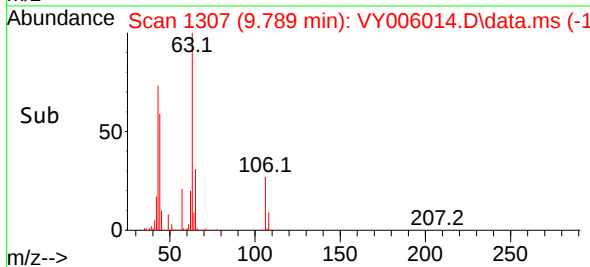
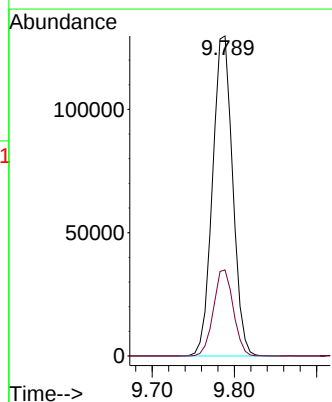
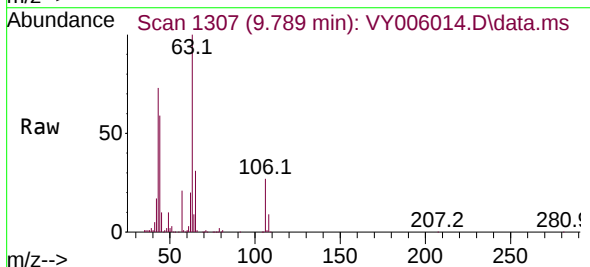
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

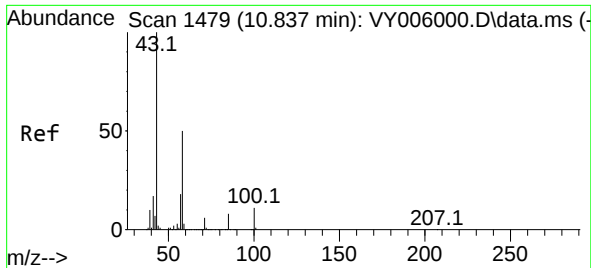
Tgt Ion: 76 Resp: 104759  
Ion Ratio Lower Upper  
76 100  
78 32.7 25.0 37.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 228.170 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 63 Resp: 220264  
Ion Ratio Lower Upper  
63 100  
106 26.5 21.5 32.3

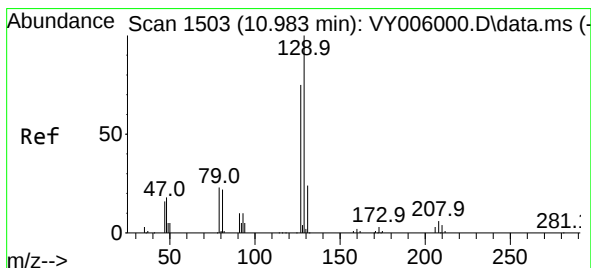
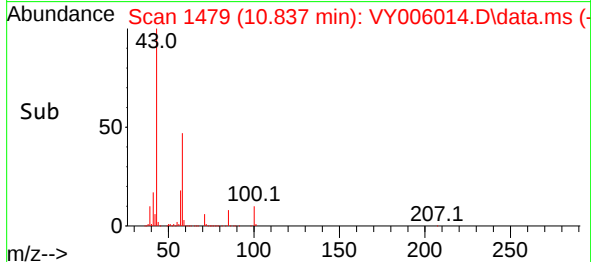
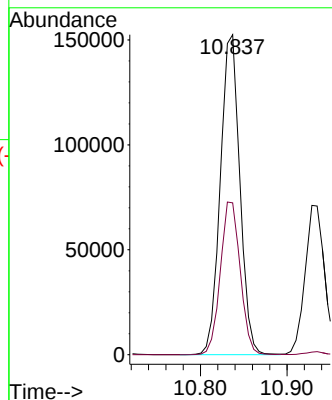
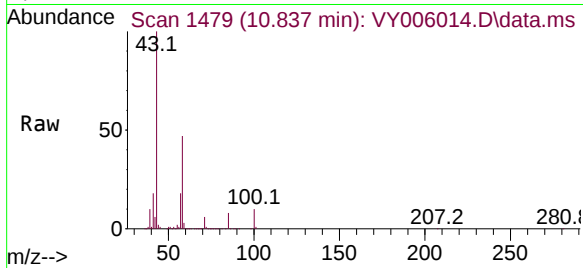




#59  
2-Hexanone  
Concen: 230.539 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

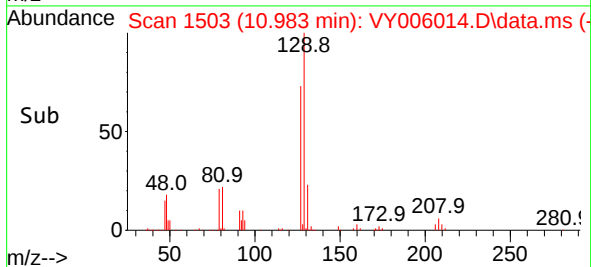
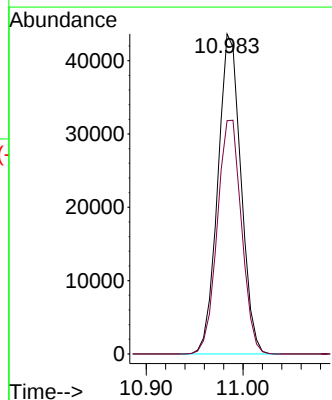
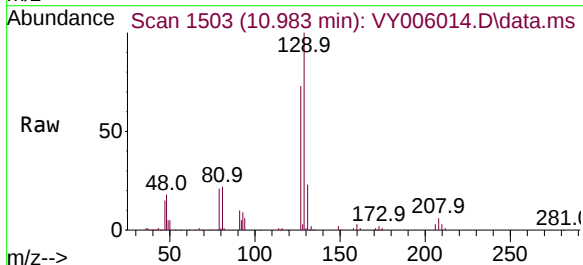
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

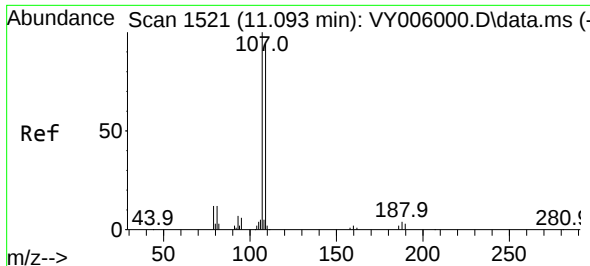
Tgt Ion: 43 Resp: 238683  
Ion Ratio Lower Upper  
43 100  
58 48.6 24.4 73.4



#60  
Dibromochloromethane  
Concen: 50.875 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 129 Resp: 72353  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.7 116.1

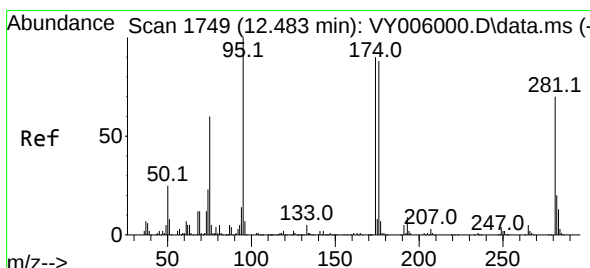
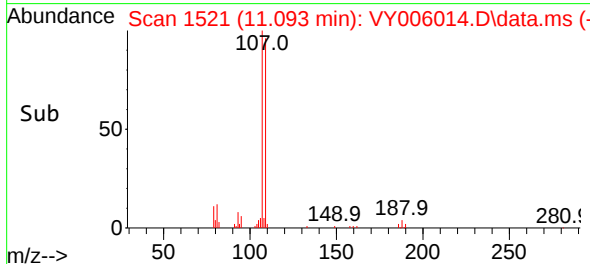
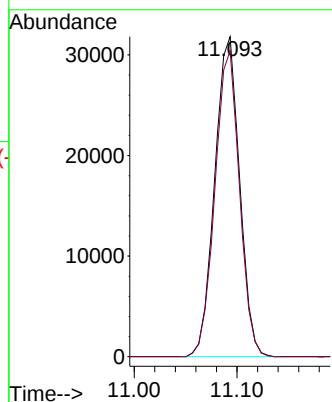
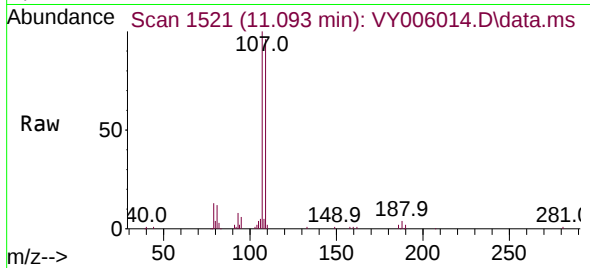




#61  
1,2-Dibromoethane  
Concen: 48.955 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

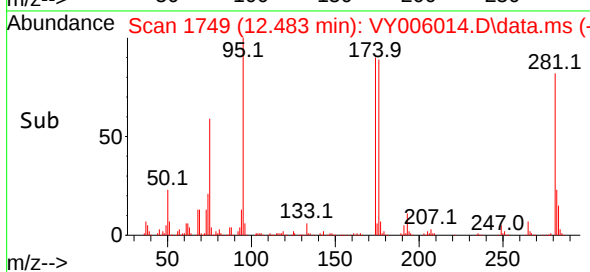
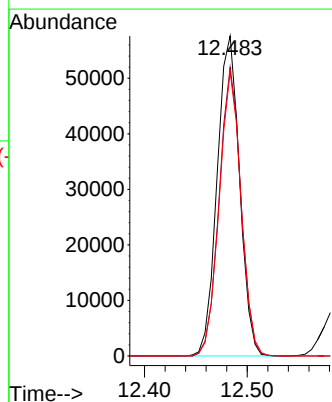
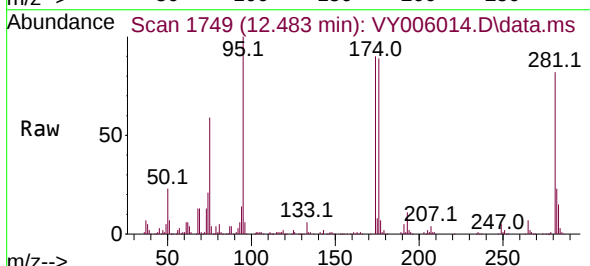
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

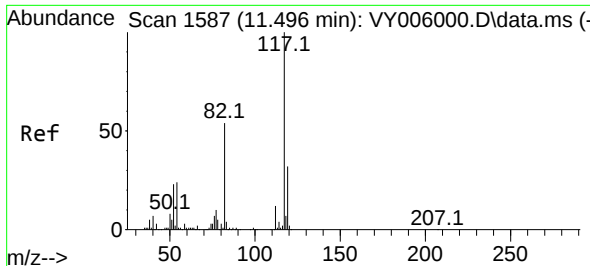
Tgt Ion:107 Resp: 53338  
Ion Ratio Lower Upper  
107 100  
109 94.2 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 47.828 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 95 Resp: 87068  
Ion Ratio Lower Upper  
95 100  
174 87.7 0.0 177.0  
176 86.3 0.0 175.8

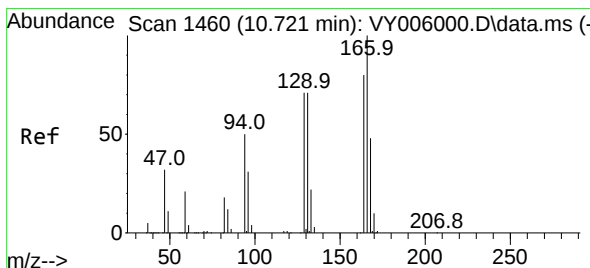
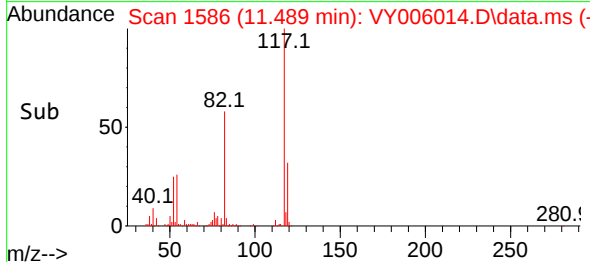
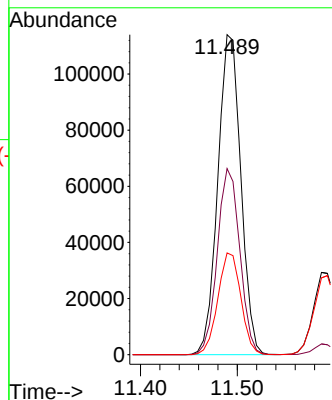
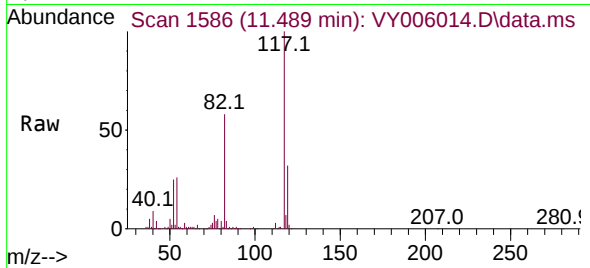




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

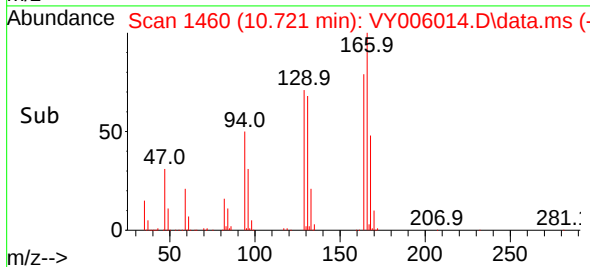
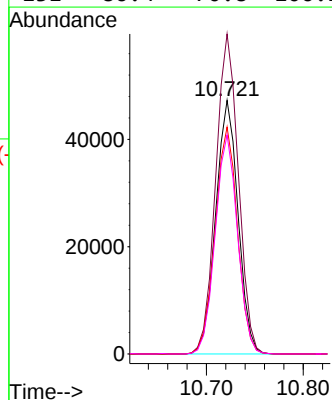
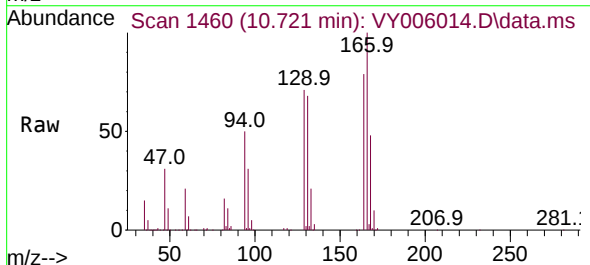
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

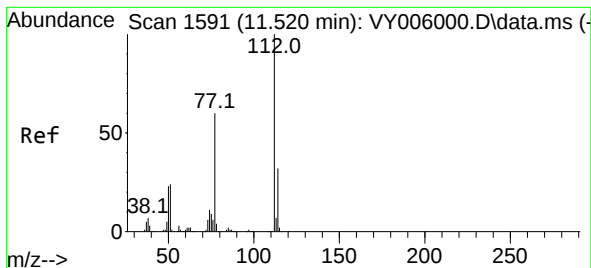
Tgt Ion:117 Resp: 188193  
Ion Ratio Lower Upper  
117 100  
82 58.1 43.0 64.4  
119 31.8 25.4 38.0



#64  
Tetrachloroethene  
Concen: 49.325 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion:164 Resp: 75923  
Ion Ratio Lower Upper  
164 100  
166 126.2 100.4 150.6  
129 89.5 71.4 107.0  
131 86.4 70.8 106.2

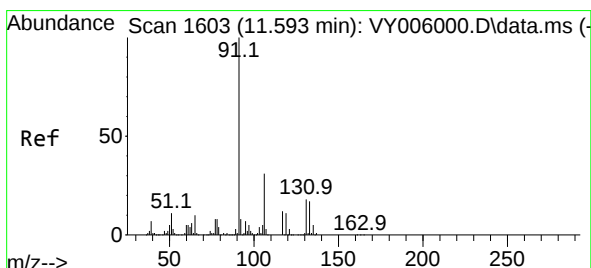
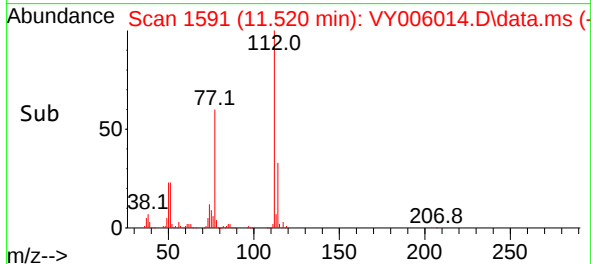
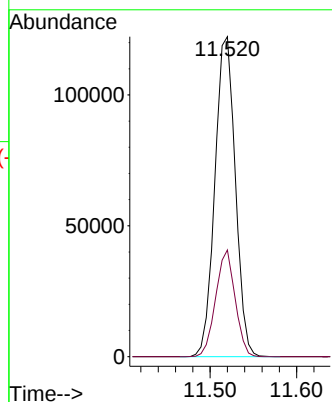
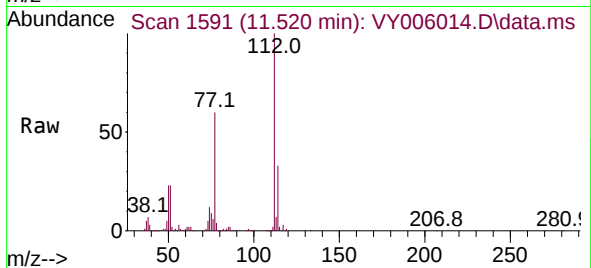




#65  
Chlorobenzene  
Concen: 49.773 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

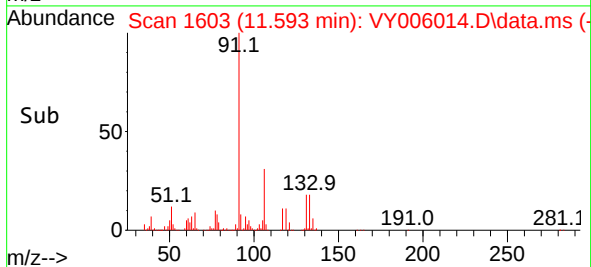
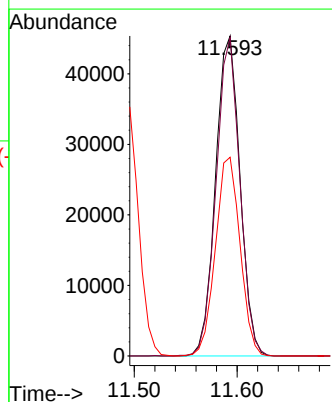
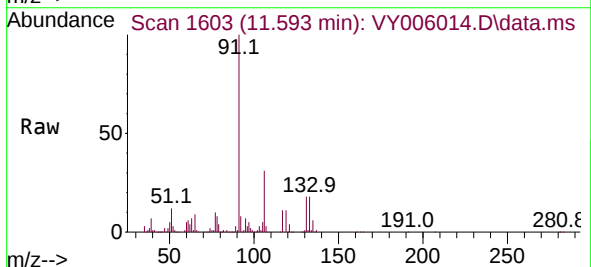
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

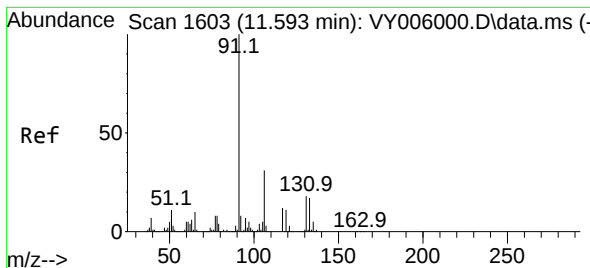
Tgt Ion:112 Resp: 200426  
Ion Ratio Lower Upper  
112 100  
114 33.4 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.859 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion:131 Resp: 74831  
Ion Ratio Lower Upper  
131 100  
133 96.4 47.9 143.6  
119 62.7 30.8 92.3

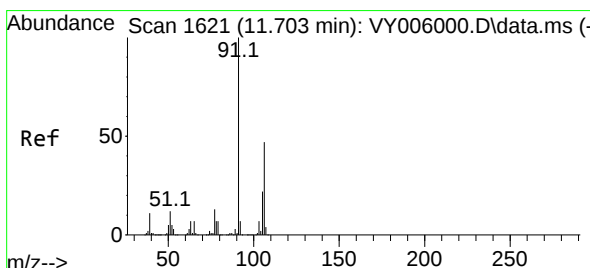
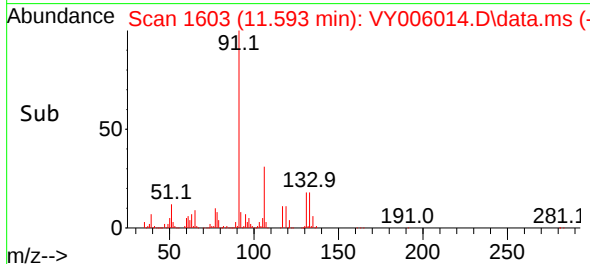
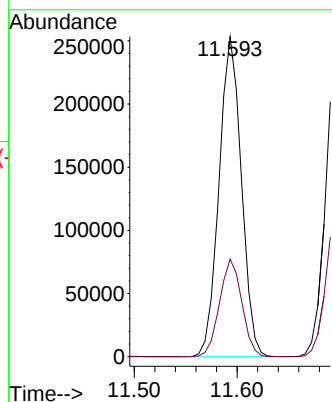
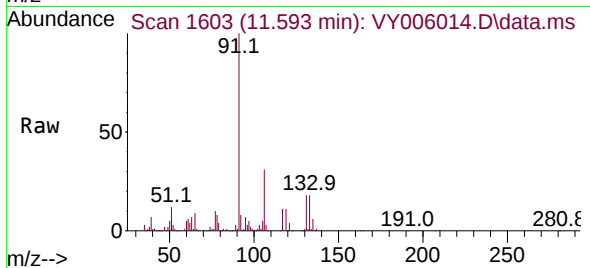




#67  
Ethyl Benzene  
Concen: 49.818 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

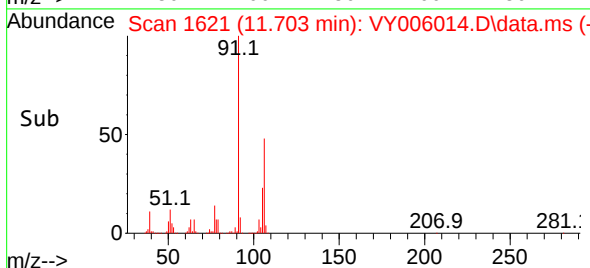
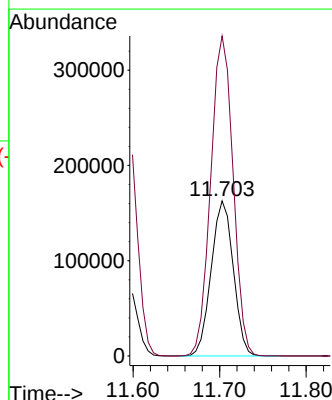
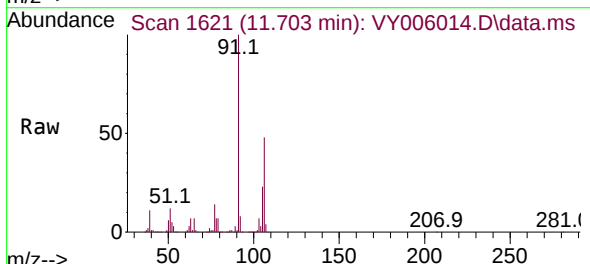
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

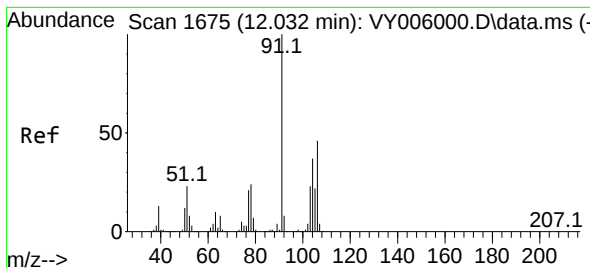
Tgt Ion: 91 Resp: 381316  
Ion Ratio Lower Upper  
91 100  
106 30.5 24.5 36.7



#68  
m/p-Xylenes  
Concen: 99.534 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 106 Resp: 288887  
Ion Ratio Lower Upper  
106 100  
91 208.7 166.6 249.8

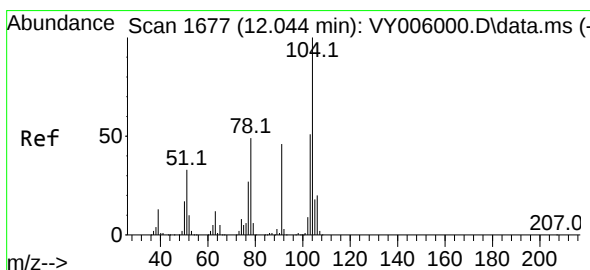
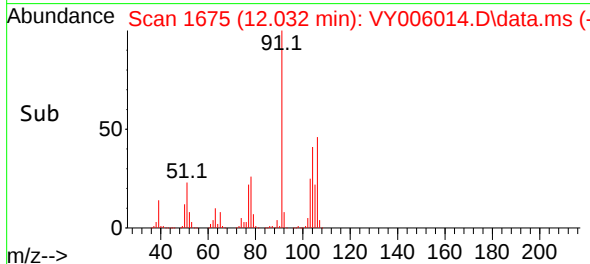
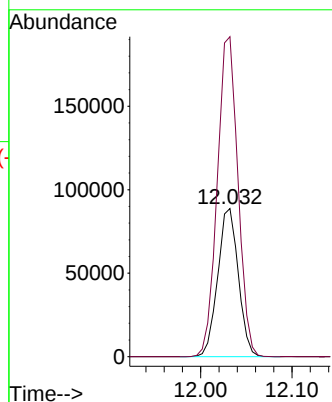
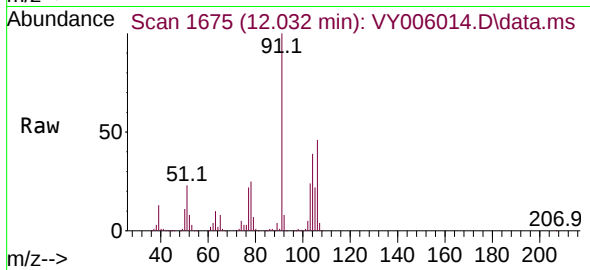




#69  
o-Xylene  
Concen: 50.791 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

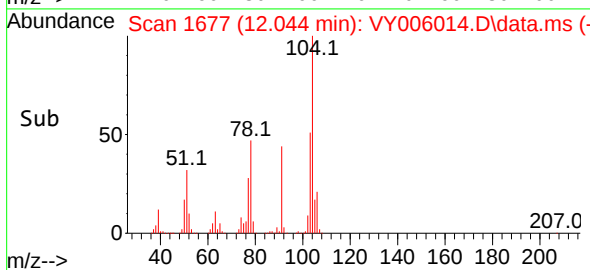
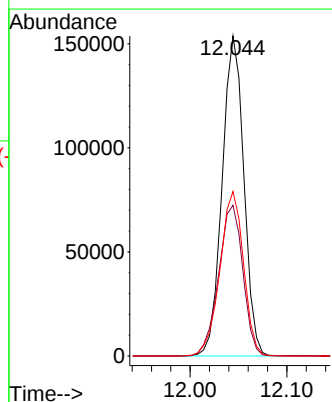
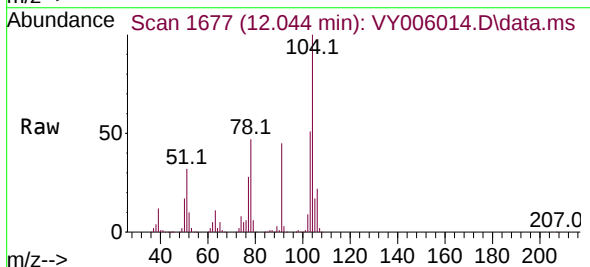
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

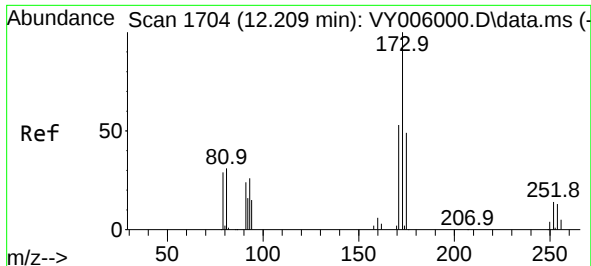
Tgt Ion:106 Resp: 139231  
Ion Ratio Lower Upper  
106 100  
91 217.0 110.3 331.0



#70  
Styrene  
Concen: 50.917 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

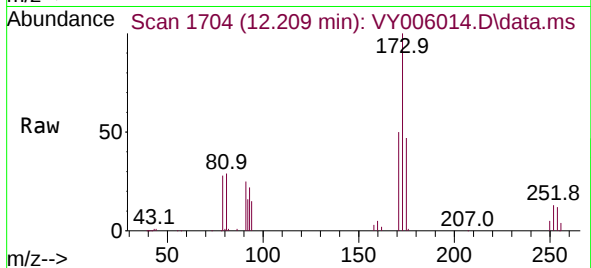
Tgt Ion:104 Resp: 239108  
Ion Ratio Lower Upper  
104 100  
78 52.7 42.4 63.6  
103 55.7 44.4 66.6



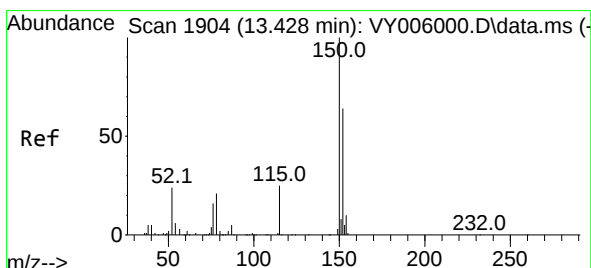
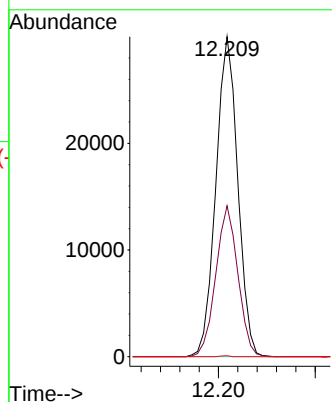
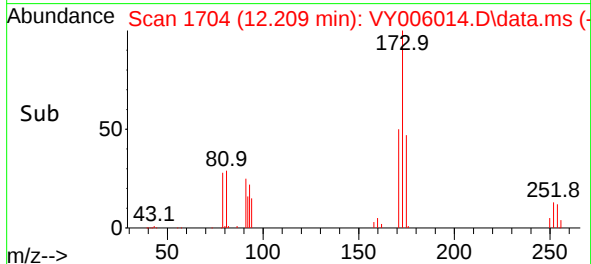


#71  
Bromoform  
Concen: 50.041 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

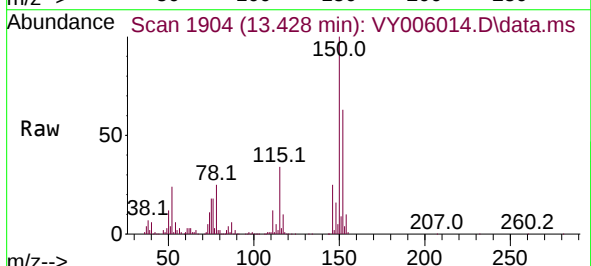
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



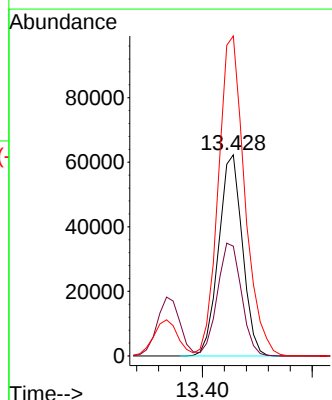
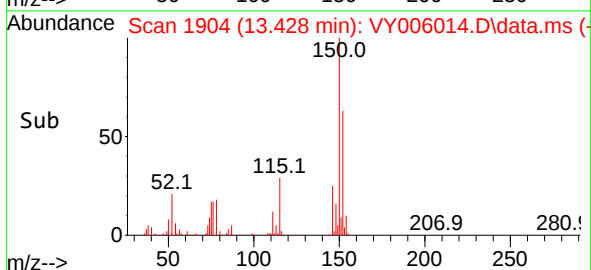
Tgt Ion:173 Resp: 47026  
Ion Ratio Lower Upper  
173 100  
175 47.6 24.6 74.0  
254 0.1 0.0 0.0#

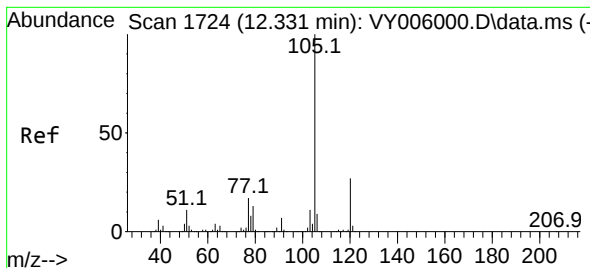


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39



Tgt Ion:152 Resp: 93820  
Ion Ratio Lower Upper  
152 100  
115 56.6 28.2 84.7  
150 176.6 0.0 347.6

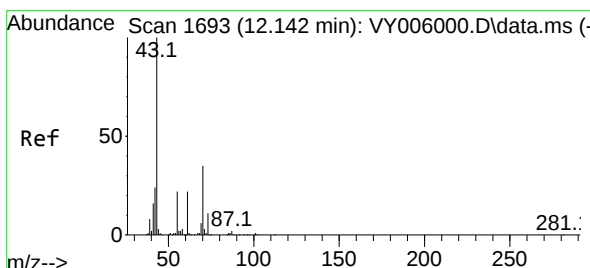
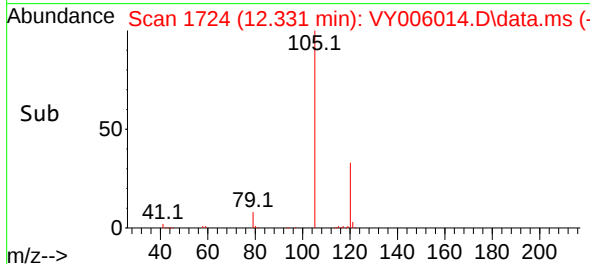
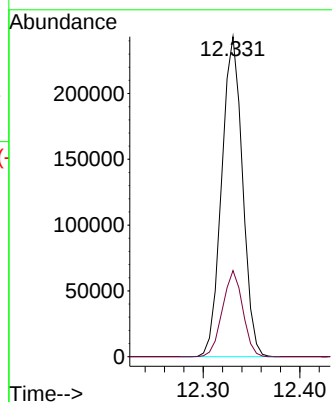
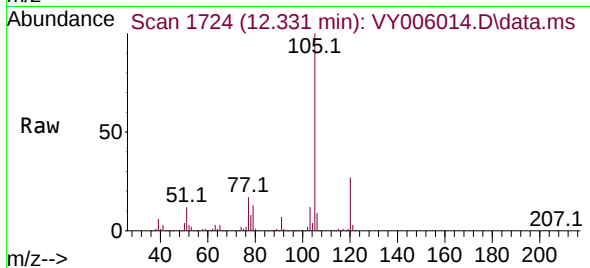




#73  
Isopropylbenzene  
Concen: 49.471 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

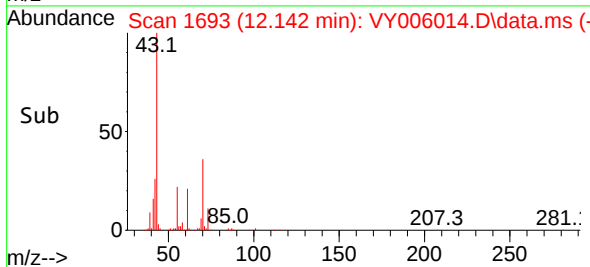
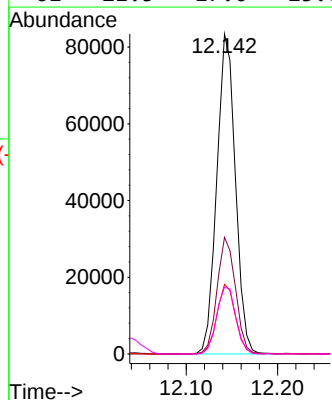
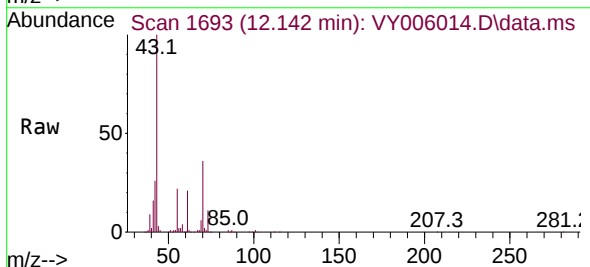
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

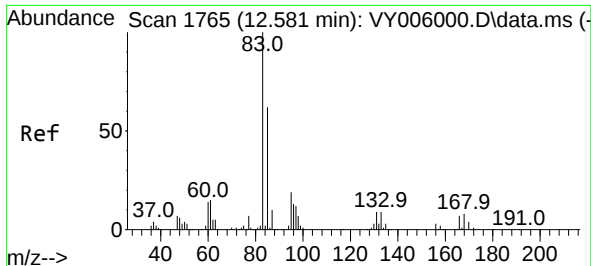
Tgt Ion:105 Resp: 363456  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.4 40.2



#74  
N-ethyl acetate  
Concen: 46.577 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 43 Resp: 118165  
Ion Ratio Lower Upper  
43 100  
70 36.1 28.7 43.1  
55 21.8 17.3 25.9  
61 21.5 17.0 25.6

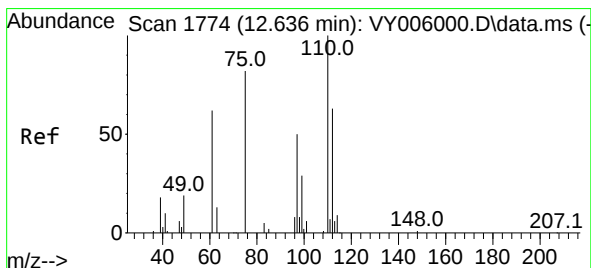
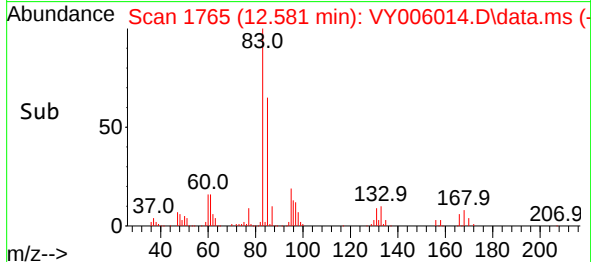
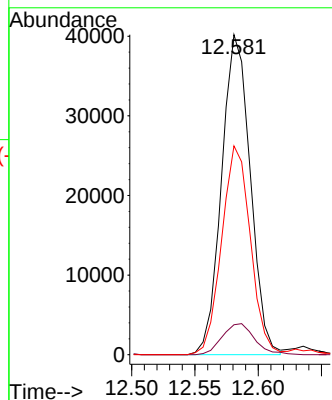
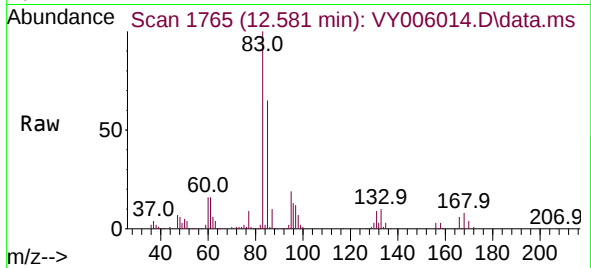




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 46.367 ug/l  
 RT: 12.581 min Scan# 1765  
 Delta R.T. 0.000 min  
 Lab File: VY006014.D  
 Acq: 14 Sep 2021 17:39

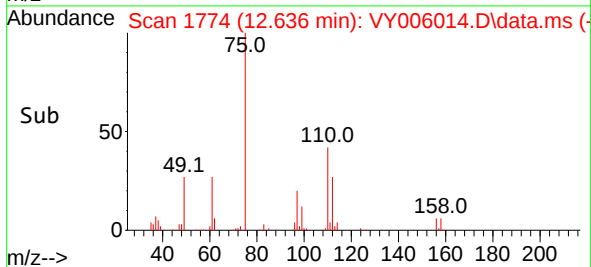
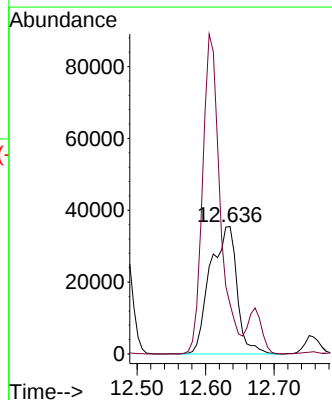
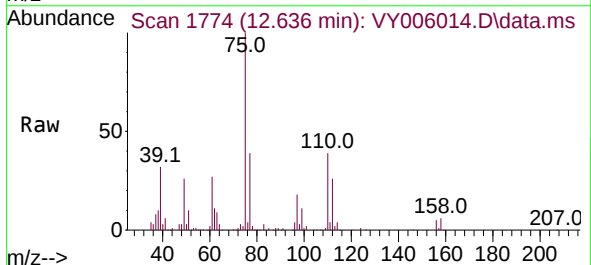
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

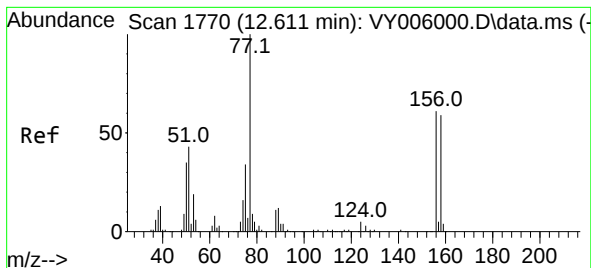
Tgt Ion: 83 Resp: 63380  
 Ion Ratio Lower Upper  
 83 100  
 131 10.9 5.6 16.8  
 85 65.6 32.3 96.8



#76  
 1,2,3-Trichloropropane  
 Concen: 96.520 ug/l  
 RT: 12.636 min Scan# 1774  
 Delta R.T. 0.000 min  
 Lab File: VY006014.D  
 Acq: 14 Sep 2021 17:39

Tgt Ion: 75 Resp: 96549  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

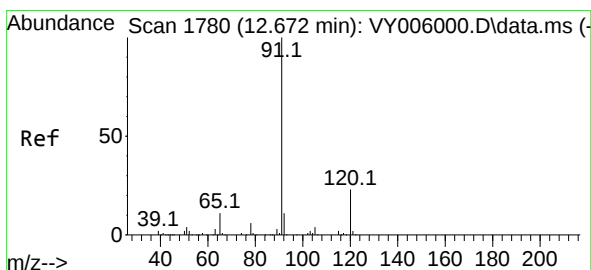
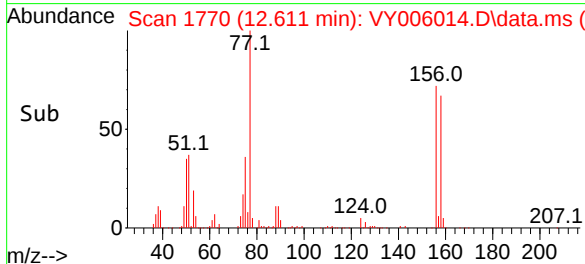
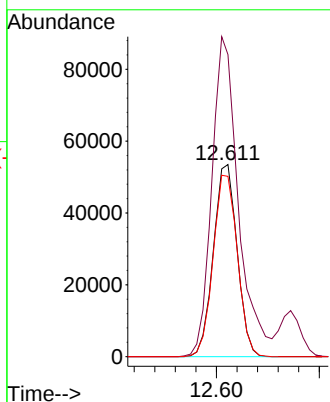
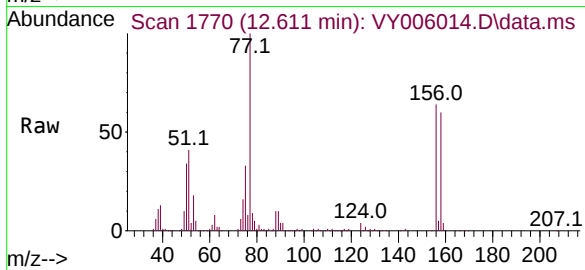




#77  
Bromobenzene  
Concen: 49.921 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

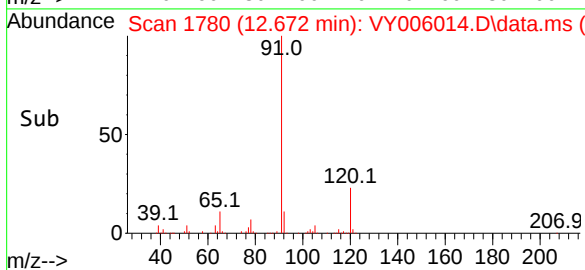
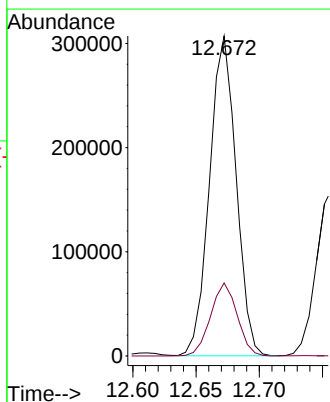
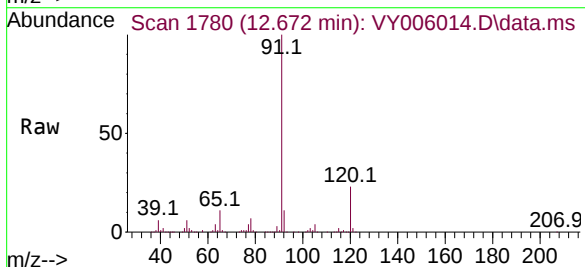
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

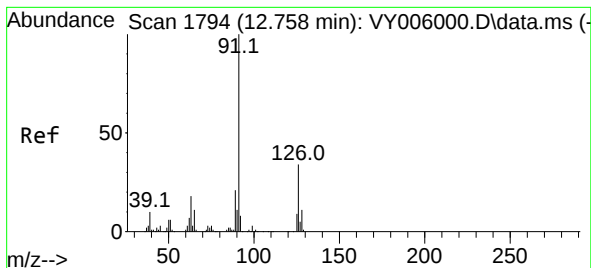
Tgt Ion:156 Resp: 85577  
Ion Ratio Lower Upper  
156 100  
77 187.0 95.5 286.4  
158 96.7 48.0 144.0



#78  
n-propylbenzene  
Concen: 49.340 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 91 Resp: 448496  
Ion Ratio Lower Upper  
91 100  
120 22.8 11.3 33.9

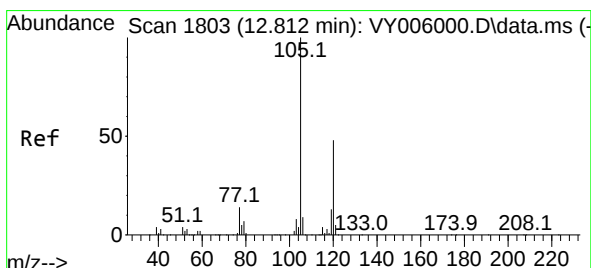
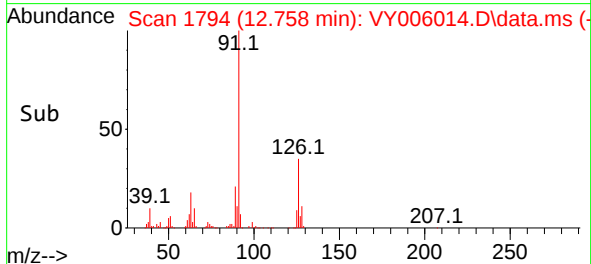
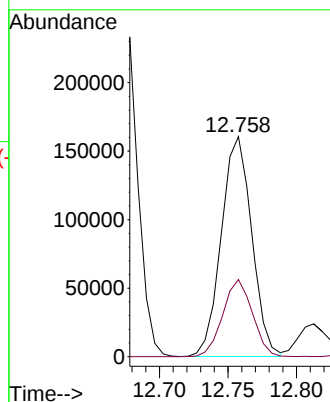
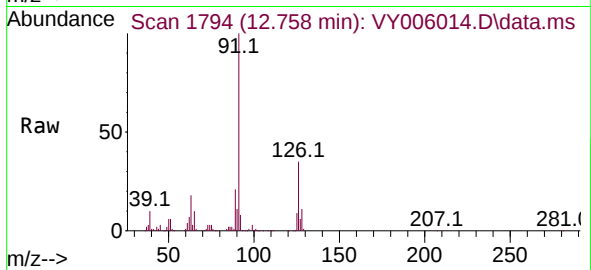




#79  
2-Chlorotoluene  
Concen: 50.174 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

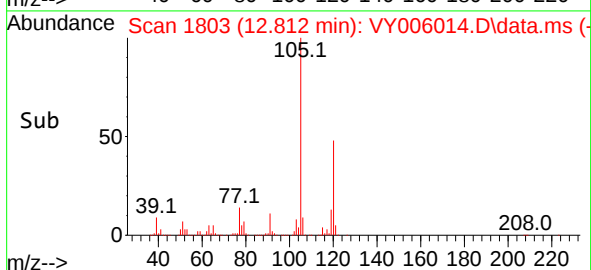
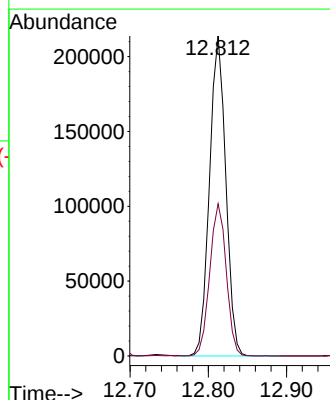
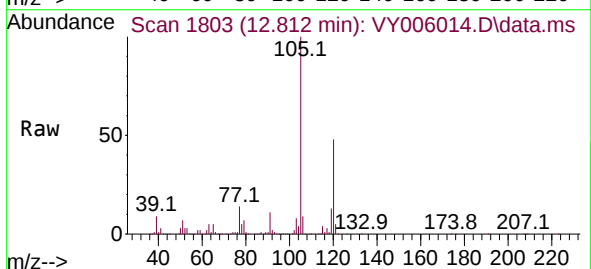
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

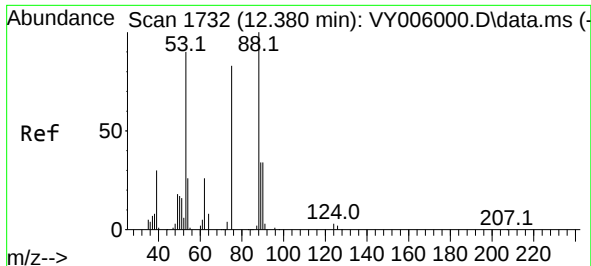
Tgt Ion: 91 Resp: 247973  
Ion Ratio Lower Upper  
91 100  
126 34.2 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 50.593 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 105 Resp: 308264  
Ion Ratio Lower Upper  
105 100  
120 48.1 24.4 73.4

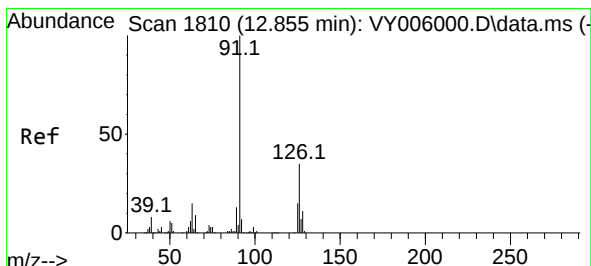
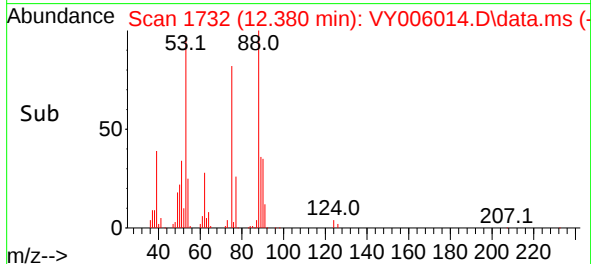
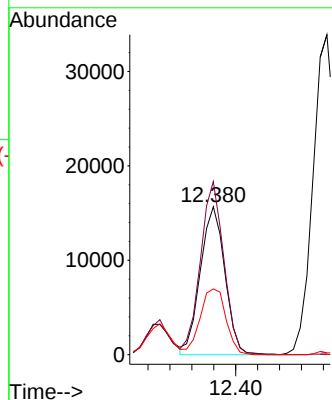
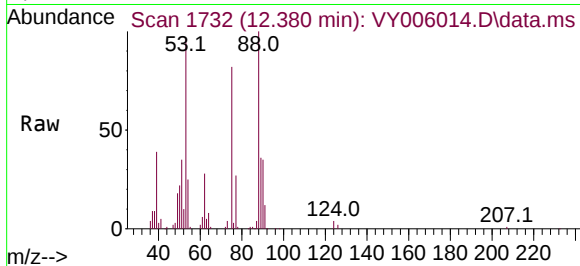




#81  
trans-1,4-Dichloro-2-butene  
Concen: 44.898 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

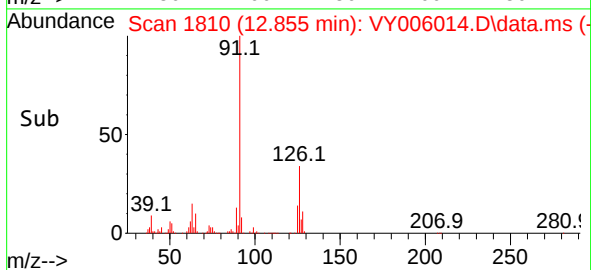
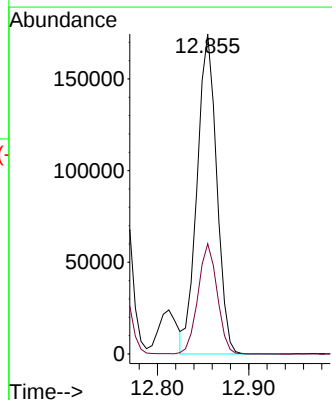
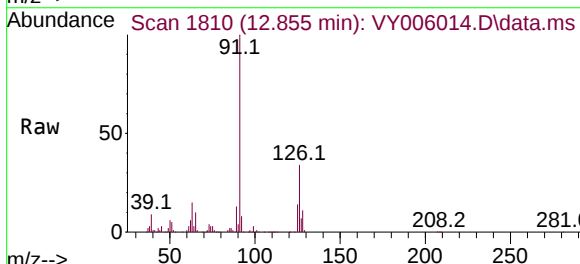
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

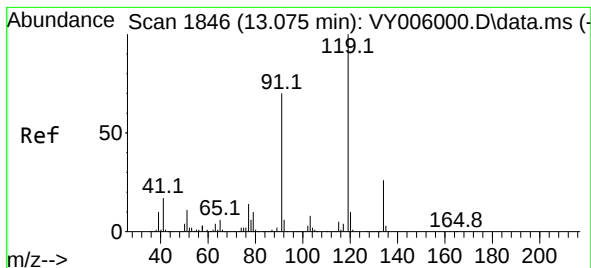
Tgt Ion: 75 Resp: 24428  
Ion Ratio Lower Upper  
75 100  
53 111.7 85.3 127.9  
89 47.0 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 50.834 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 91 Resp: 259687  
Ion Ratio Lower Upper  
91 100  
126 33.7 17.0 51.0

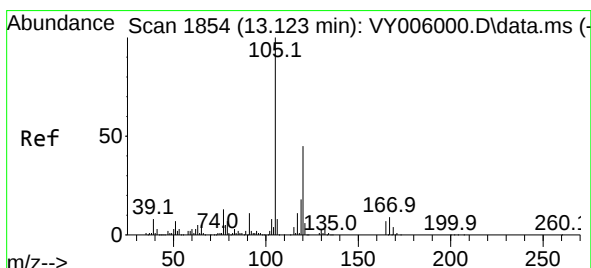
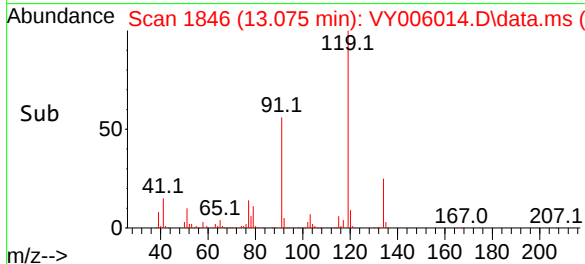
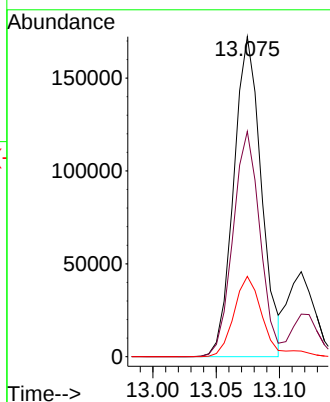
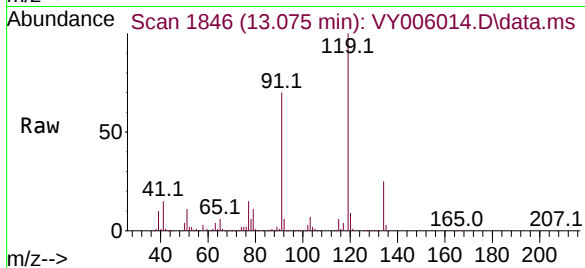




#83  
tert-Butylbenzene  
Concen: 50.388 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

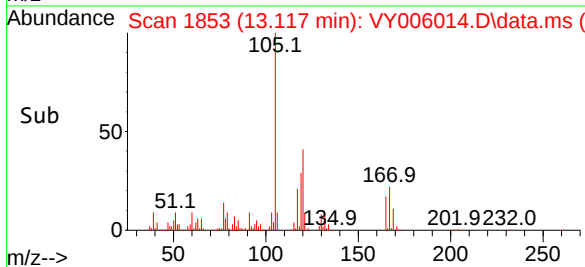
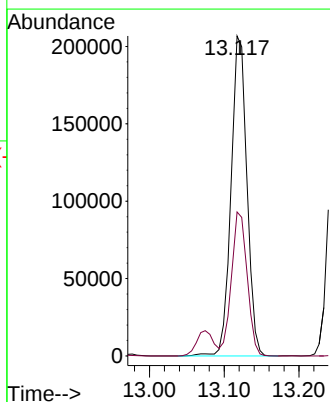
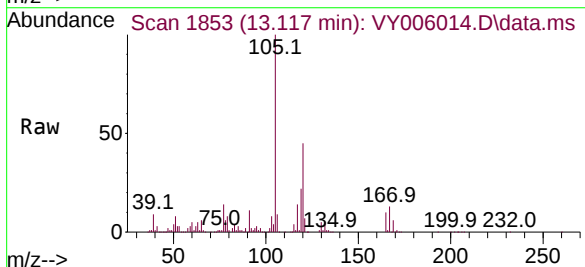
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

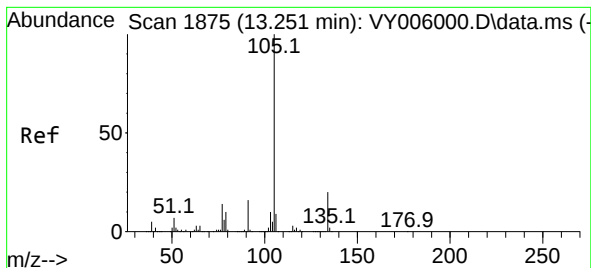
Tgt Ion:119 Resp: 262587  
Ion Ratio Lower Upper  
119 100  
91 68.5 34.8 104.4  
134 26.3 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 50.414 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. -0.006 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion:105 Resp: 304751  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.3 66.9

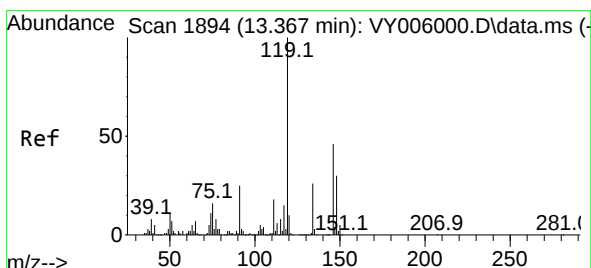
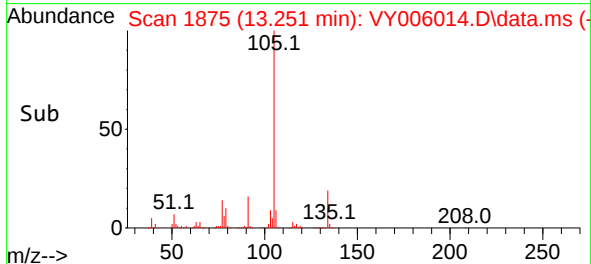
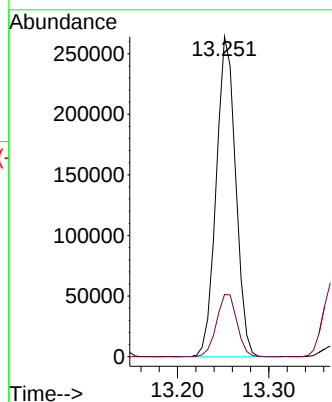
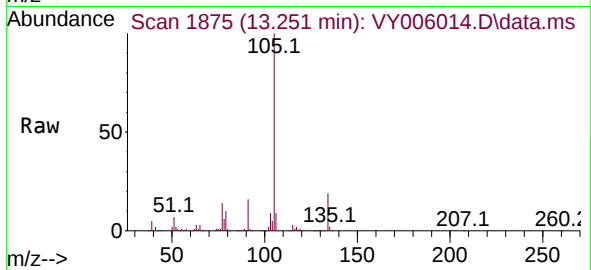




#85  
 sec-Butylbenzene  
 Concen: 50.001 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY006014.D  
 Acq: 14 Sep 2021 17:39

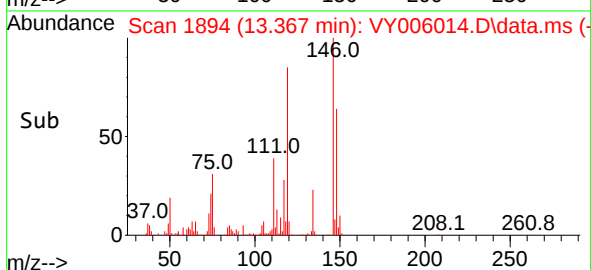
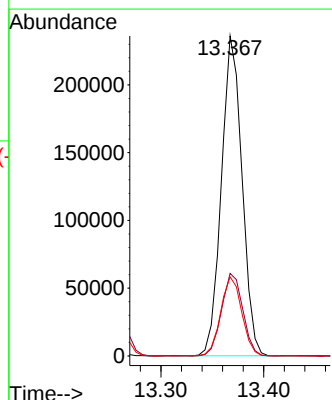
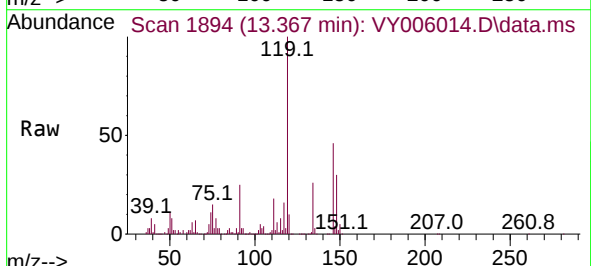
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

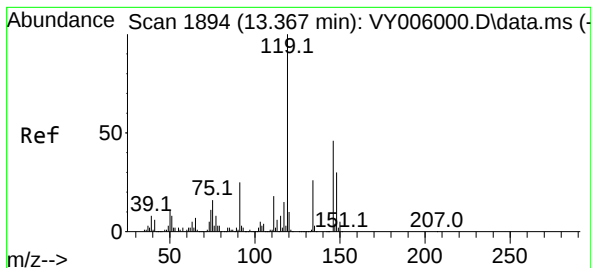
Tgt Ion:105 Resp: 390062  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 49.281 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY006014.D  
 Acq: 14 Sep 2021 17:39

Tgt Ion:119 Resp: 328212  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 13.2 39.5  
 91 25.1 12.4 37.2

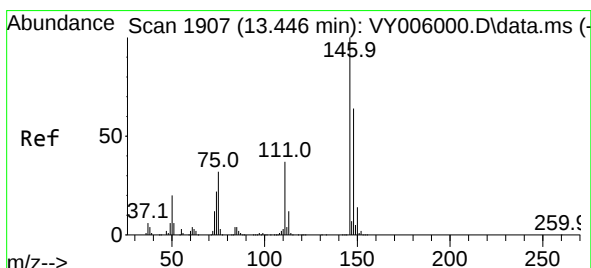
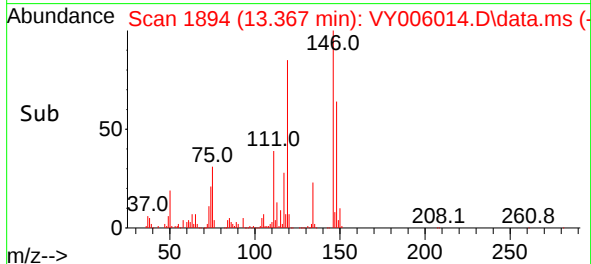
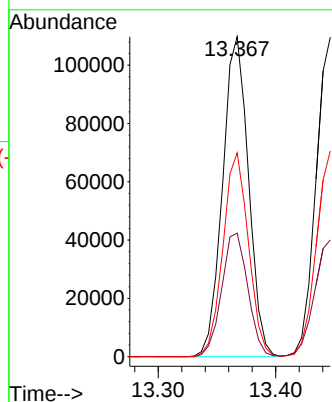
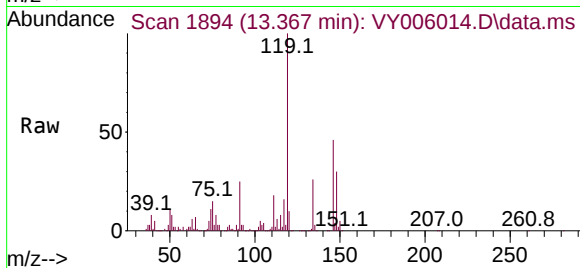




#87  
1,3-Dichlorobenzene  
Concen: 50.824 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

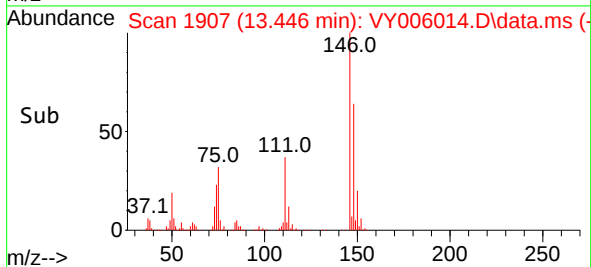
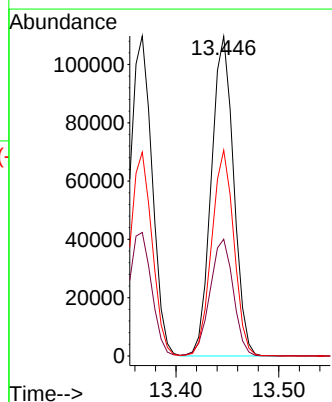
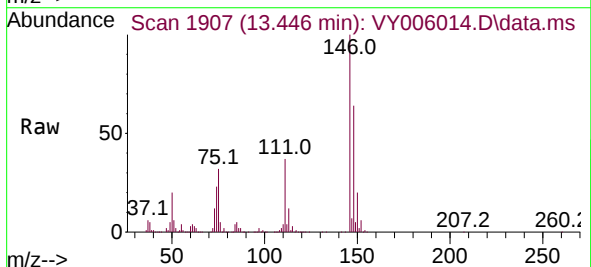
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

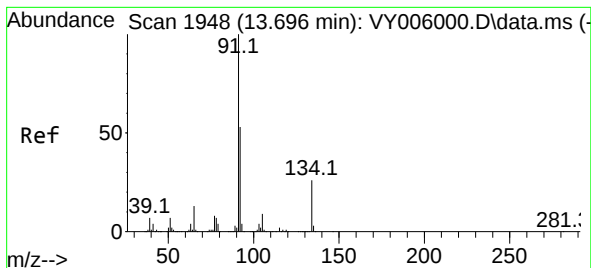
Tgt Ion:146 Resp: 168028  
Ion Ratio Lower Upper  
146 100  
111 39.1 19.5 58.5  
148 62.6 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 49.873 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion:146 Resp: 165386  
Ion Ratio Lower Upper  
146 100  
111 38.2 19.3 57.8  
148 64.1 32.6 97.8

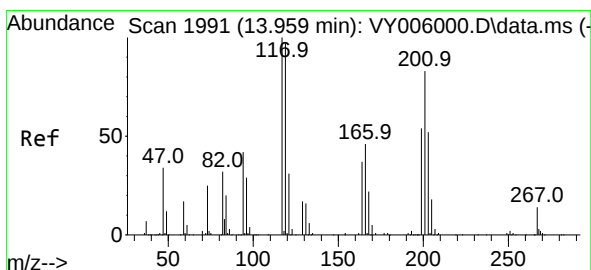
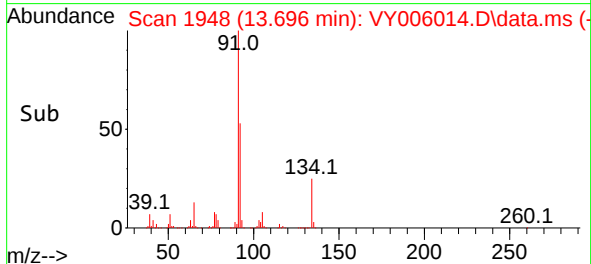
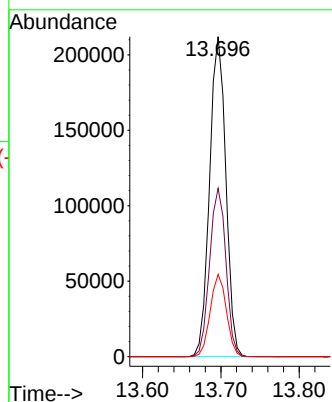
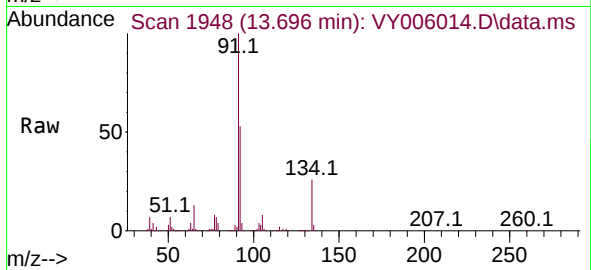




#89  
n-Butylbenzene  
Concen: 48.988 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

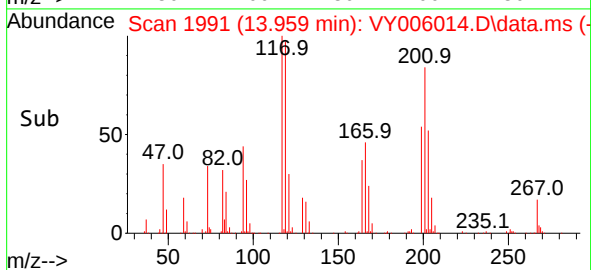
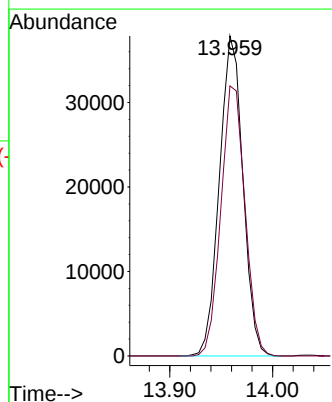
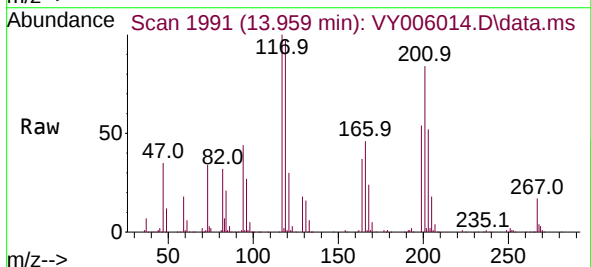
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

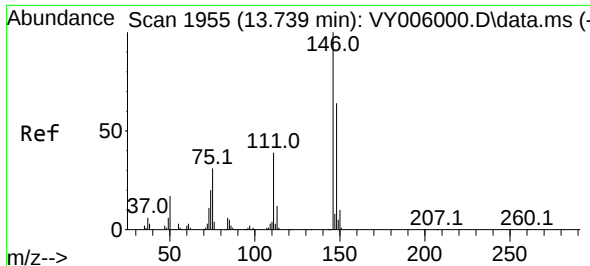
Tgt Ion: 91 Resp: 305097  
Ion Ratio Lower Upper  
91 100  
92 52.8 26.3 78.9  
134 25.6 13.0 38.9



#90  
Hexachloroethane  
Concen: 50.185 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 117 Resp: 60149  
Ion Ratio Lower Upper  
117 100  
201 86.4 43.0 128.8

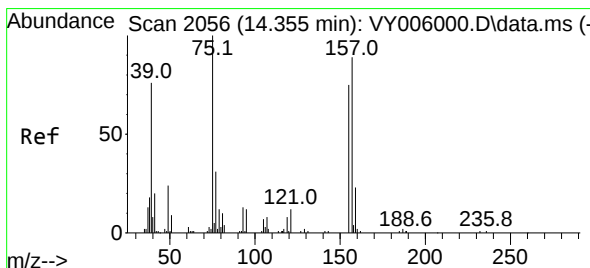
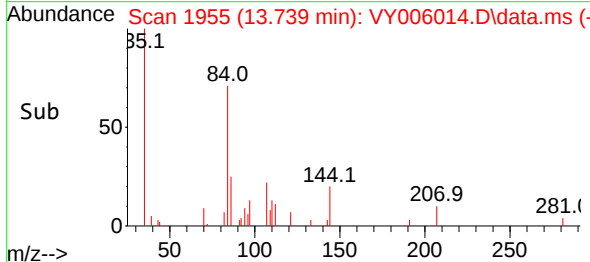
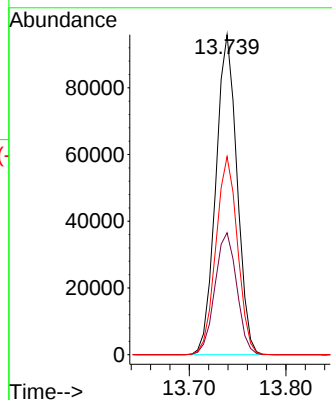
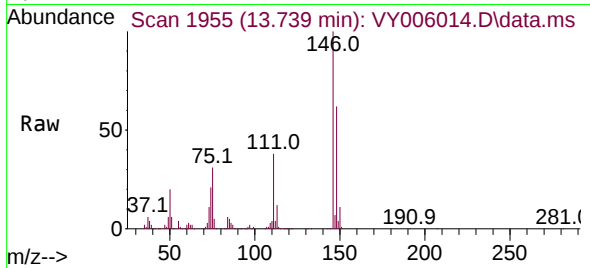




#91  
1,2-Dichlorobenzene  
Concen: 50.272 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

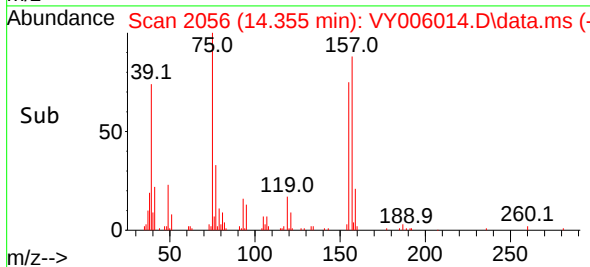
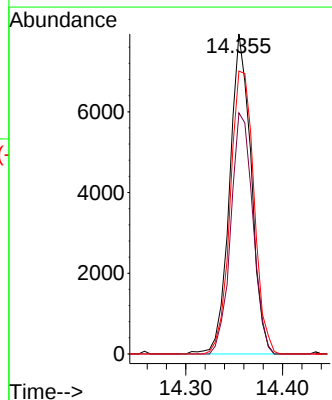
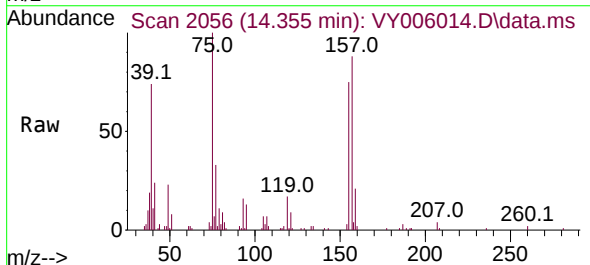
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

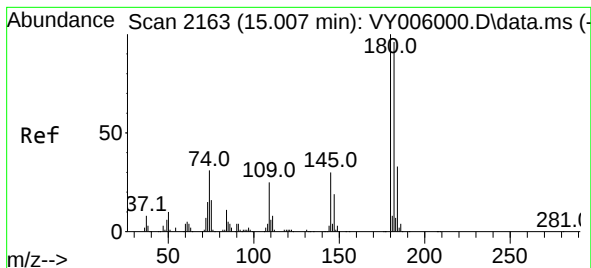
Tgt Ion:146 Resp: 145900  
Ion Ratio Lower Upper  
146 100  
111 39.4 20.3 60.9  
148 63.2 32.3 96.9



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 45.124 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion: 75 Resp: 12237  
Ion Ratio Lower Upper  
75 100  
155 77.3 38.0 113.9  
157 97.2 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 46.140 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY006014.D

Acq: 14 Sep 2021 17:39

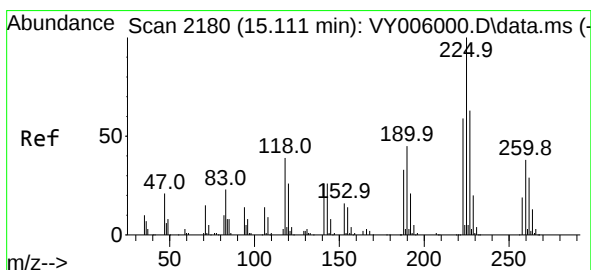
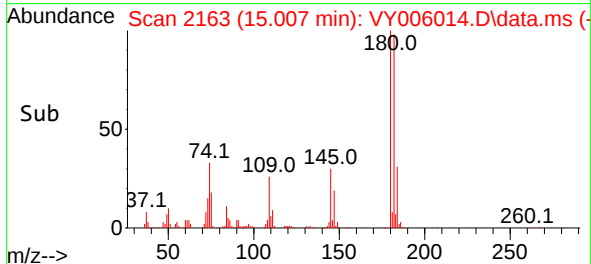
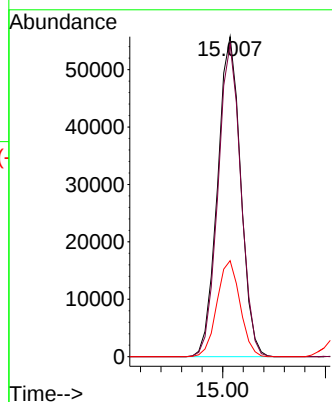
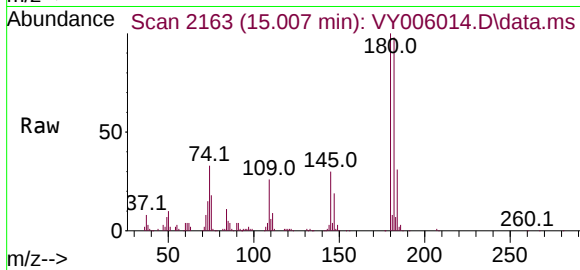
Tgt Ion:180 Resp: 86959

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.9

145 29.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 46.469 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY006014.D

Acq: 14 Sep 2021 17:39

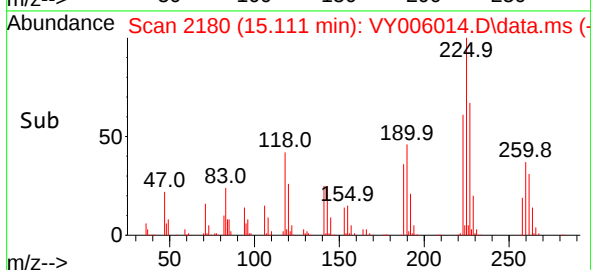
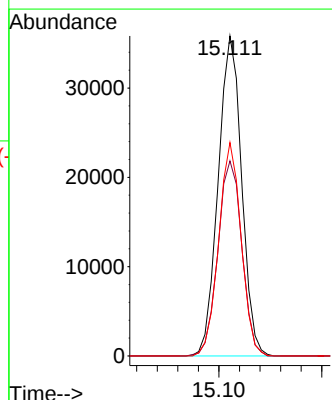
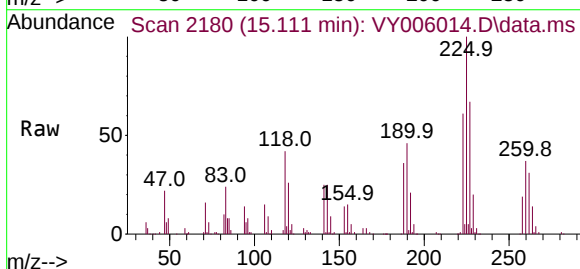
Tgt Ion:225 Resp: 56664

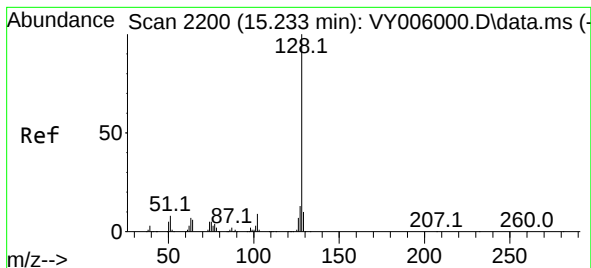
Ion Ratio Lower Upper

225 100

223 62.2 30.8 92.3

227 63.8 31.6 94.7

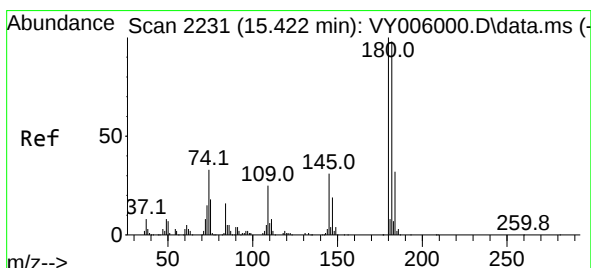
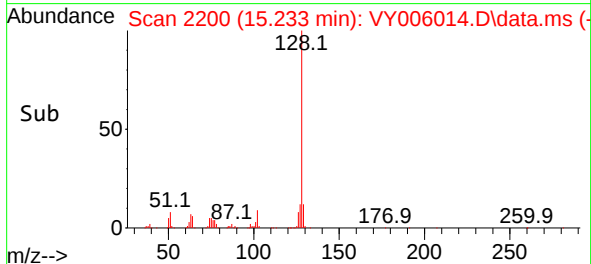
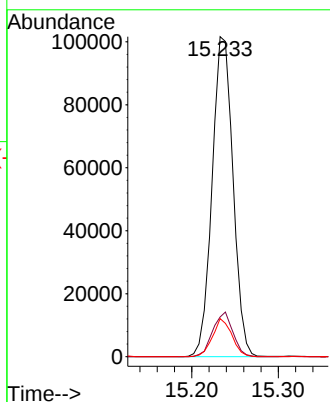
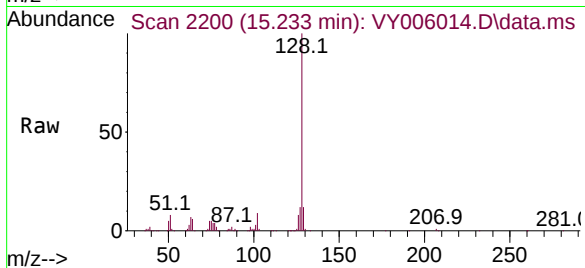




#95  
Naphthalene  
Concen: 45.511 ug/l  
RT: 15.233 min Scan# 2200  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 170597  
Ion Ratio Lower Upper  
128 100  
127 13.5 11.0 16.4  
129 11.0 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 46.114 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. 0.000 min  
Lab File: VY006014.D  
Acq: 14 Sep 2021 17:39

Tgt Ion:180 Resp: 75314  
Ion Ratio Lower Upper  
180 100  
182 95.9 47.3 141.9  
145 30.3 15.3 45.9

