

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY101421\  
 Data File : VY006395.D  
 Acq On : 14 Oct 2021 15:37  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Oct 15 00:16:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y092821S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 28 17:44:36 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.795  | 168  | 142947   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 210789   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 196104   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 102195   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 78375    | 51.227   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 102.460% |      |
| 35) Dibromofluoromethane    | 7.722  | 113   | 66836    | 59.349   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 118.700% |      |
| 50) Toluene-d8              | 10.179 | 98    | 247433   | 52.498   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 105.000% |      |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 85151    | 53.182   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 106.360% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.912 | 85  | 63462  | 43.768  | ug/l   | 96  |
| 3) Chloromethane             | 2.119 | 50  | 87421  | 51.764  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.259 | 62  | 100509 | 53.699  | ug/l   | 98  |
| 5) Bromomethane              | 2.656 | 94  | 65972  | 54.234  | ug/l   | 100 |
| 6) Chloroethane              | 2.802 | 64  | 61371  | 55.725  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.137 | 101 | 131985 | 53.535  | ug/l   | 93  |
| 8) Diethyl Ether             | 3.534 | 74  | 44730  | 54.930  | ug/l   | 95  |
| 9) 1,1,2-Trichlorotrifluo... | 3.905 | 101 | 71998  | 54.705  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.101 | 142 | 73074  | 50.947  | ug/l   | 94  |
| 11) Tert butyl alcohol       | 4.966 | 59  | 34404  | 257.068 | ug/l # | 94  |
| 12) 1,1-Dichloroethene       | 3.881 | 96  | 71744  | 53.587  | ug/l   | 91  |
| 13) Acrolein                 | 3.741 | 56  | 20597  | 219.572 | ug/l   | 98  |
| 14) Allyl chloride           | 4.485 | 41  | 147904 | 57.445  | ug/l   | 95  |
| 15) Acrylonitrile            | 5.167 | 53  | 117540 | 274.435 | ug/l   | 100 |
| 16) Acetone                  | 3.954 | 43  | 113791 | 266.292 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.204 | 76  | 222474 | 49.685  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.479 | 43  | 77992  | 54.127  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.228 | 73  | 218369 | 55.852  | ug/l   | 97  |
| 20) Methylene Chloride       | 4.722 | 84  | 99496  | 68.965  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.228 | 96  | 81114  | 54.647  | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.119 | 45  | 300053 | 58.908  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.064 | 43  | 856914 | 280.669 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 6.021 | 63  | 155683 | 56.932  | ug/l   | 98  |
| 25) 2-Butanone               | 6.990 | 43  | 156431 | 262.802 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 6.984 | 77  | 142026 | 56.796  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 6.990 | 96  | 93655  | 56.338  | ug/l   | 97  |
| 28) Bromochloromethane       | 7.338 | 49  | 67920  | 59.653  | ug/l   | 98  |
| 29) Tetrahydrofuran          | 7.350 | 42  | 99164  | 263.745 | ug/l   | 98  |
| 30) Chloroform               | 7.508 | 83  | 157667 | 57.800  | ug/l   | 98  |
| 31) Cyclohexane              | 7.789 | 56  | 127312 | 43.922  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 7.704 | 97  | 141765 | 56.285  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.923 | 75  | 104124 | 49.648  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.076 | 43  | 68542  | 56.101  | ug/l   | 100 |
| 38) Carbon Tetrachloride     | 7.905 | 117 | 115470 | 52.141  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.185 | 83  | 126580 | 48.050  | ug/l   | 98  |
| 40) Benzene                  | 8.167 | 78  | 298873 | 50.230  | ug/l   | 98  |

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 ALS Vial : 10 Sample Multiplier: 1

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Quant Time: Oct 15 00:16:14 2021  
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 Quant Title : SW846 8260  
 QLast Update : Tue Sep 28 17:44:36 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 98299    | 124.034 | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 99142    | 51.714  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 113179   | 48.299  | ug/l   | 97       |
| 44) Trichloroethene           | 8.941  | 130  | 79572    | 51.780  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 72729    | 49.651  | ug/l   | 96       |
| 46) Dibromomethane            | 9.307  | 93   | 39198    | 50.255  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.502  | 83   | 104982   | 52.274  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.295  | 41   | 53051    | 47.191  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 9478     | 931.378 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 296276   | 243.504 | ug/l   | 98       |
| 52) Toluene                   | 10.246 | 92   | 188972   | 51.203  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 111453   | 50.899  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 122346   | 50.825  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 55875    | 50.911  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 82238    | 49.299  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 99643    | 50.175  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 205134   | 250.974 | ug/l   | 98       |
| 59) 2-Hexanone                | 10.837 | 43   | 208713   | 240.846 | ug/l   | 98       |
| 60) Dibromochloromethane      | 10.983 | 129  | 70193    | 52.642  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 51733    | 49.784  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 89453    | 56.640  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.520 | 112  | 199211   | 51.270  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 75530    | 52.748  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 376689   | 51.431  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 288052   | 103.641 | ug/l   | 98       |
| 69) o-Xylene                  | 12.032 | 106  | 135627   | 51.669  | ug/l   | 99       |
| 70) Styrene                   | 12.044 | 104  | 235144   | 52.750  | ug/l   | 98       |
| 71) Bromoform                 | 12.209 | 173  | 44905    | 50.428  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 367969   | 50.267  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.148 | 43   | 107126   | 47.148  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 58554    | 44.290  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 90428    | 91.039  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 85873    | 50.033  | ug/l   | 95       |
| 78) n-propylbenzene           | 12.672 | 91   | 451677   | 50.126  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 251340   | 50.406  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 310788   | 50.773  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 23769    | 47.025  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 259365   | 50.293  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.075 | 119  | 274602   | 52.474  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 306946   | 50.784  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.257 | 105  | 402885   | 50.944  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 342782   | 51.364  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 173639   | 51.063  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 171483   | 51.144  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.696 | 91   | 314848   | 49.651  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.965 | 117  | 62717    | 51.749  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 150204   | 50.514  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 11827    | 46.956  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 100222   | 51.006  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 65435    | 51.047  | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 186656   | 47.813  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 87977    | 50.517  | ug/l   | 98       |

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Quant Title : SW846 8260  
QLast Update : Tue Sep 28 17:44:36 2021  
Response via : Initial Calibration

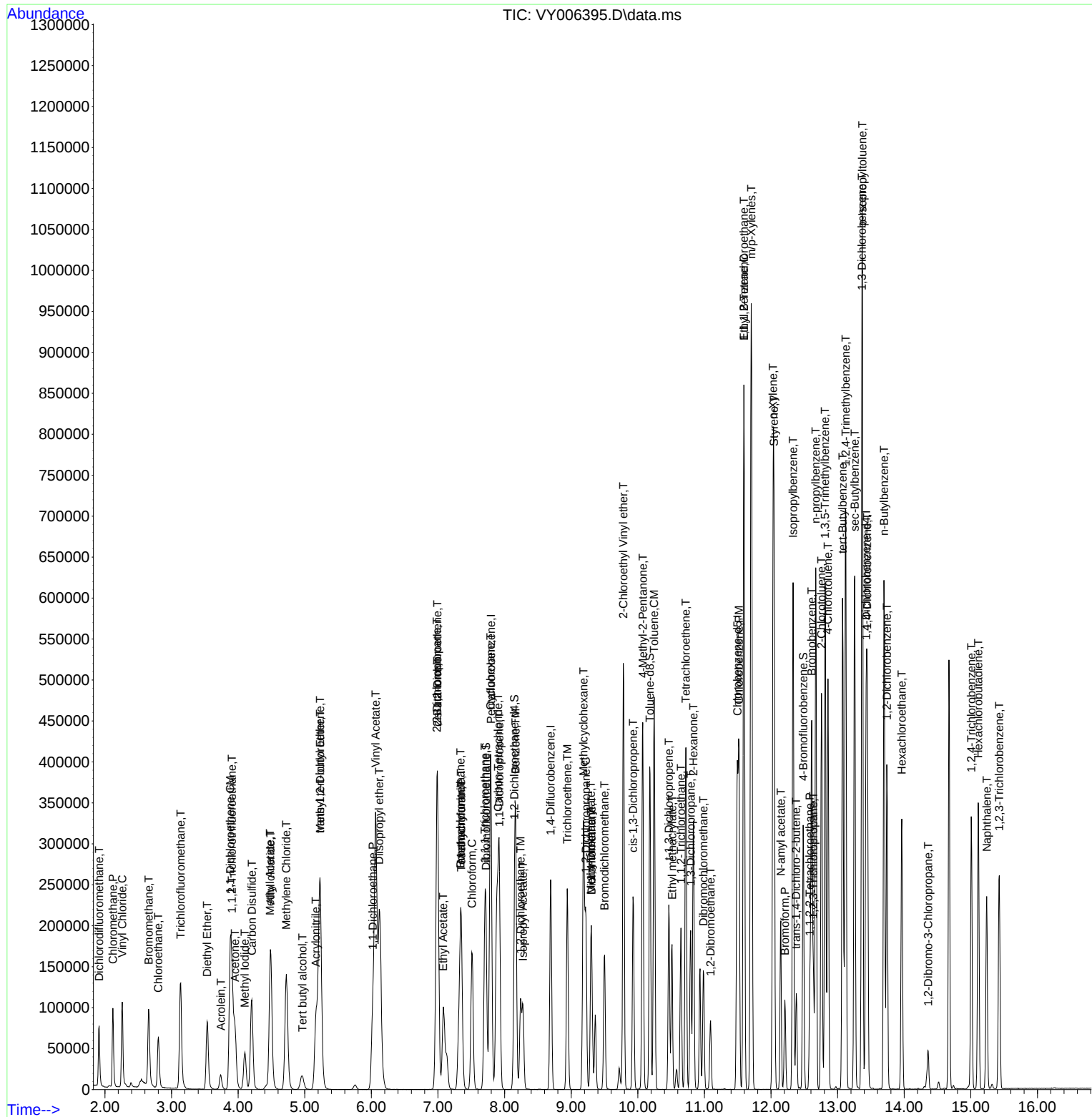
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

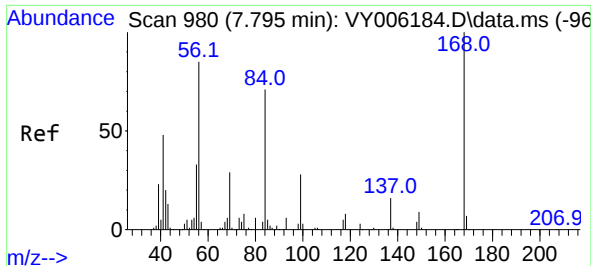
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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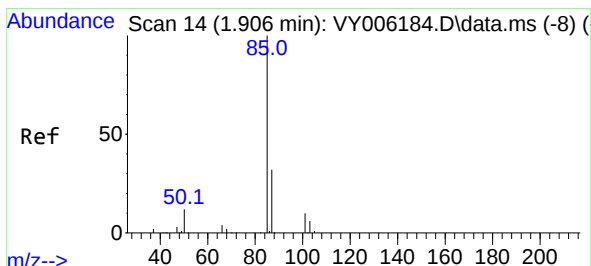
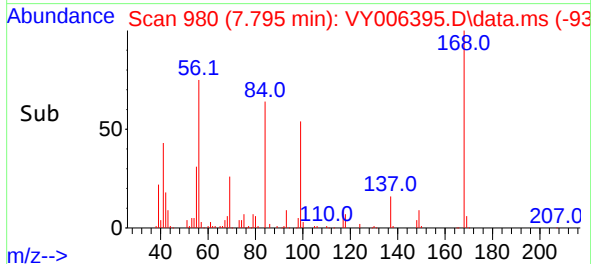
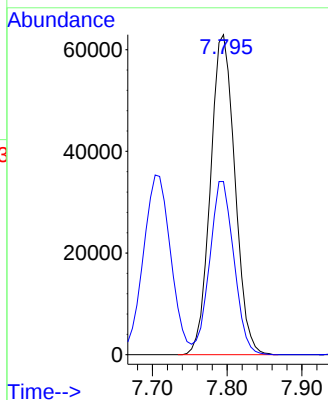
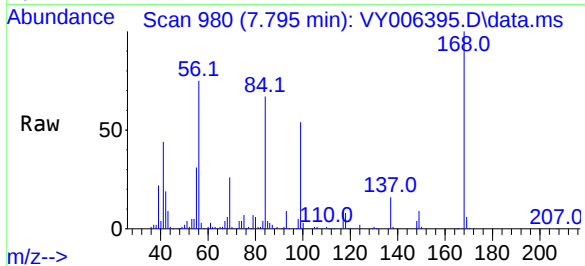




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

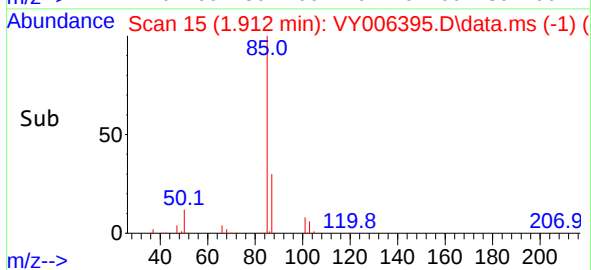
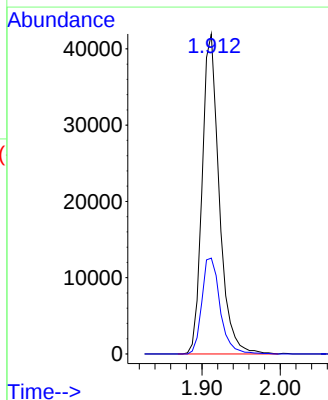
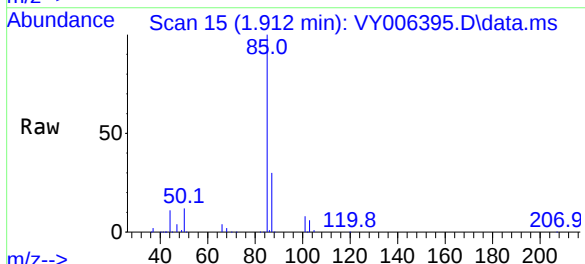
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

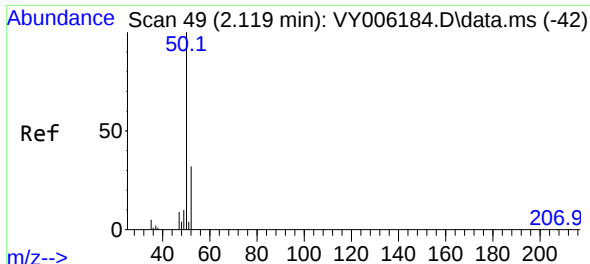
Tgt Ion:168 Resp: 142947  
Ion Ratio Lower Upper  
168 100  
99 54.1 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 43.768 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. 0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 85 Resp: 63462  
Ion Ratio Lower Upper  
85 100  
87 30.0 16.1 48.2

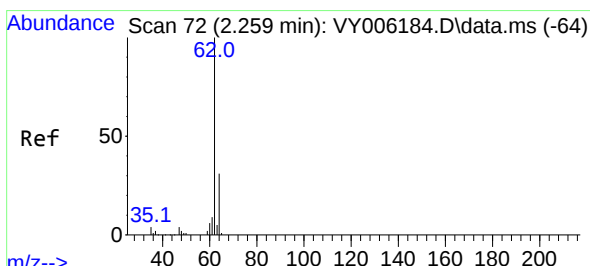
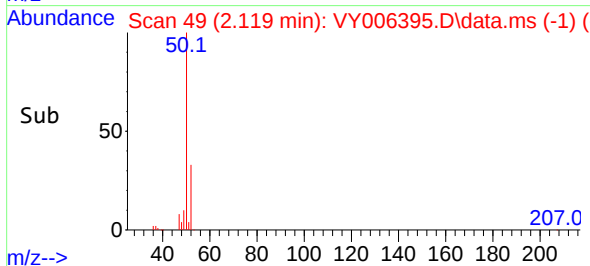
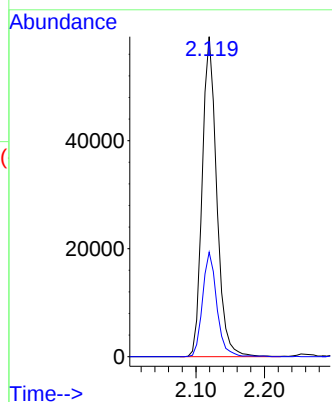
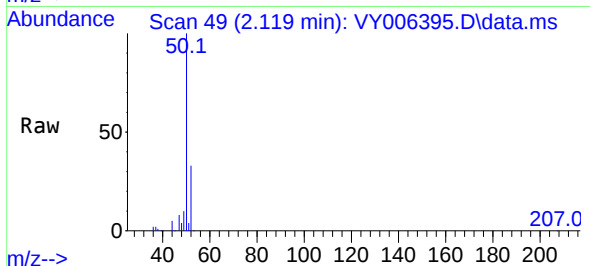




#3  
Chloromethane  
Concen: 51.764 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

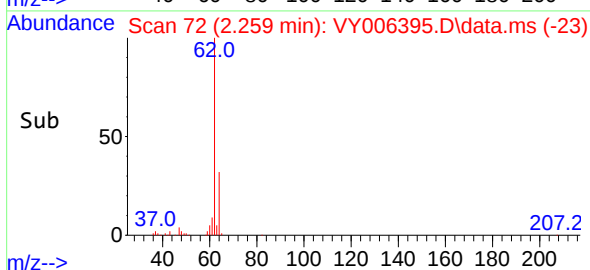
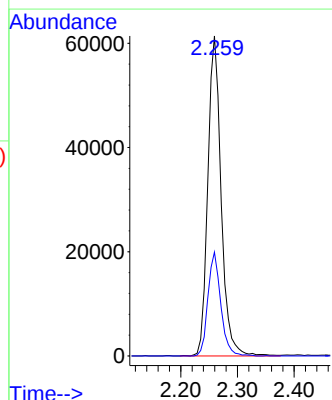
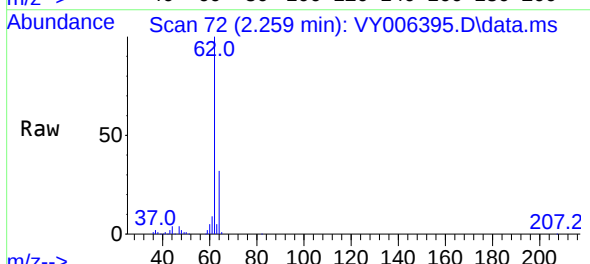
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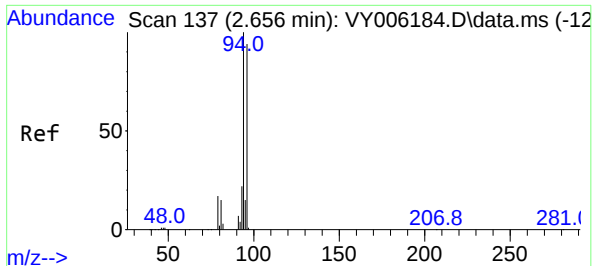
Tgt Ion: 50 Resp: 87421  
Ion Ratio Lower Upper  
50 100  
52 32.7 24.6 37.0



#4  
Vinyl Chloride  
Concen: 53.699 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 62 Resp: 100509  
Ion Ratio Lower Upper  
62 100  
64 32.5 25.0 37.6

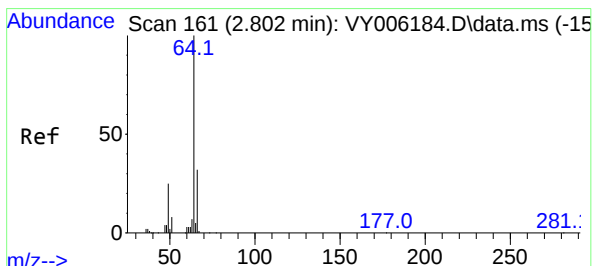
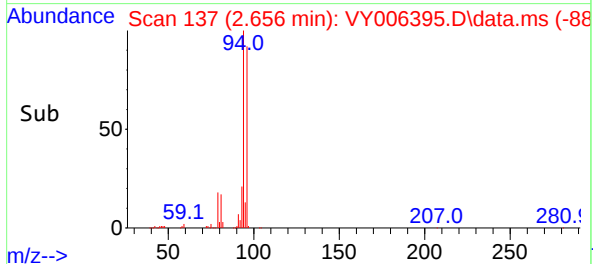
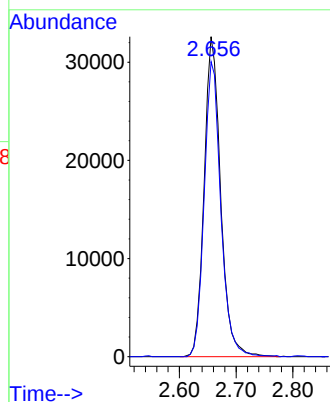
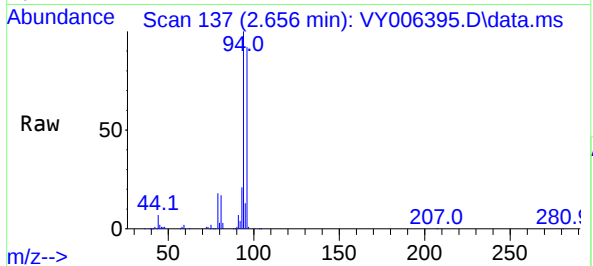




#5  
Bromomethane  
Concen: 54.234 ug/l  
RT: 2.656 min Scan# 137  
Delta R.T. -0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

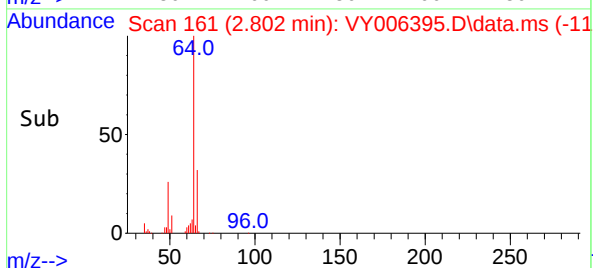
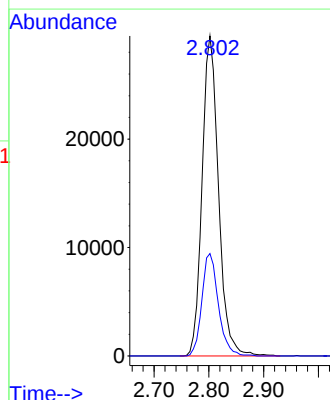
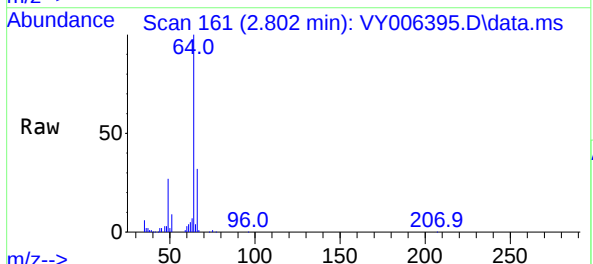
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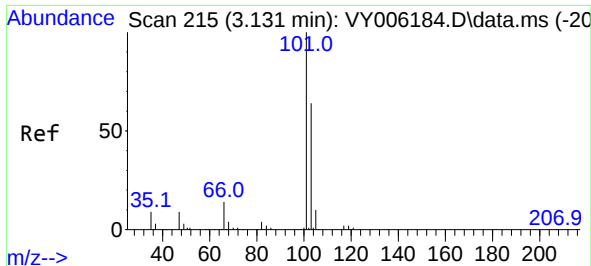
Tgt Ion: 94 Resp: 65972  
Ion Ratio Lower Upper  
94 100  
96 92.2 73.5 110.3



#6  
Chloroethane  
Concen: 55.725 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 64 Resp: 61371  
Ion Ratio Lower Upper  
64 100  
66 32.0 25.4 38.0

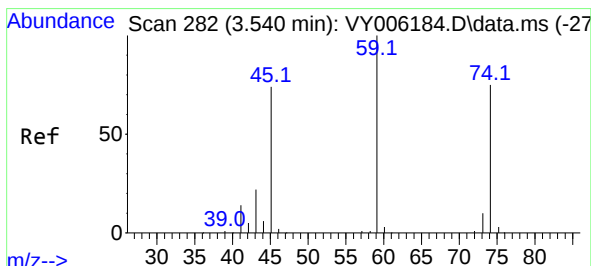
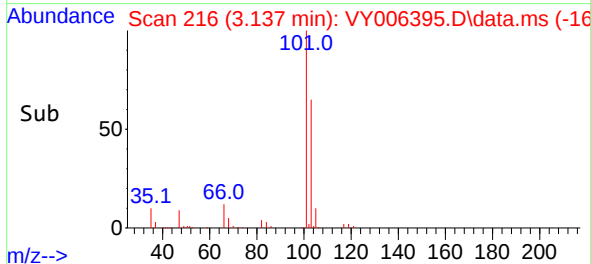
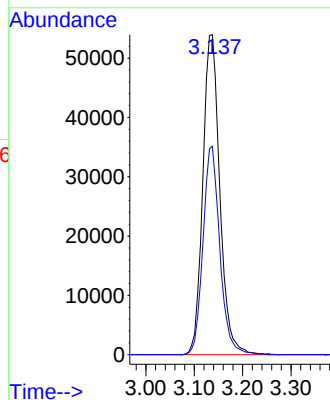
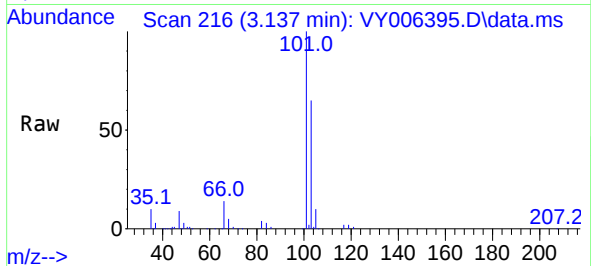




#7  
Trichlorofluoromethane  
Concen: 53.535 ug/l  
RT: 3.137 min Scan# 216  
Delta R.T. 0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

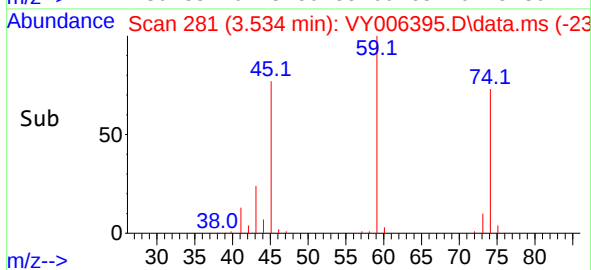
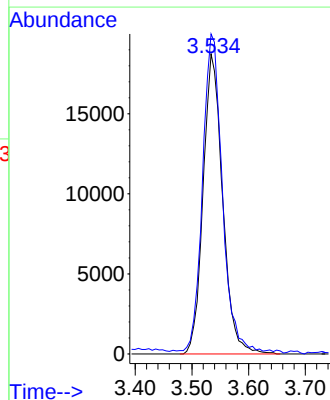
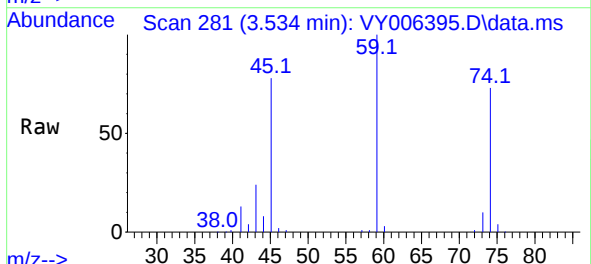
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

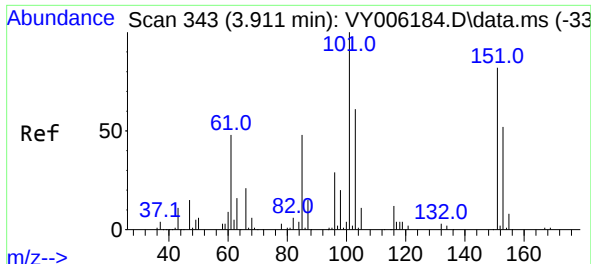
Tgt Ion:101 Resp: 131985  
Ion Ratio Lower Upper  
101 100  
103 65.1 48.0 72.0



#8  
Diethyl Ether  
Concen: 54.930 ug/l  
RT: 3.534 min Scan# 281  
Delta R.T. -0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 74 Resp: 44730  
Ion Ratio Lower Upper  
74 100  
45 105.3 55.1 165.5



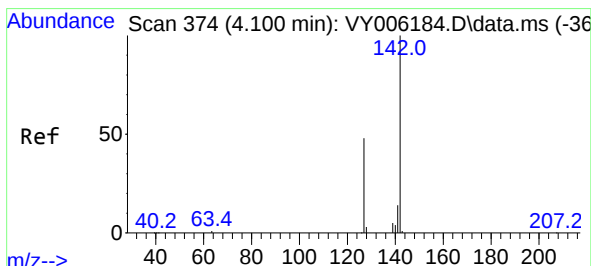
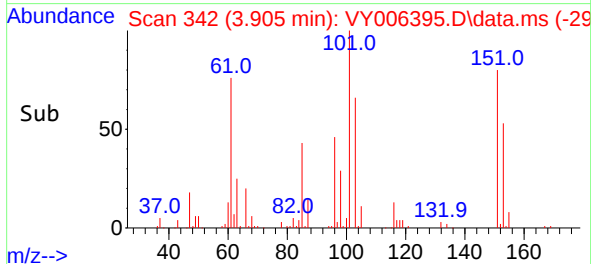
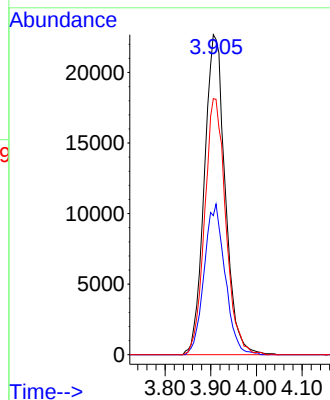
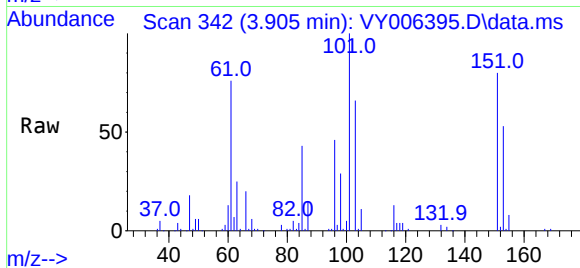


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 54.705 ug/l  
RT: 3.905 min Scan# 342  
Delta R.T. -0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 71998

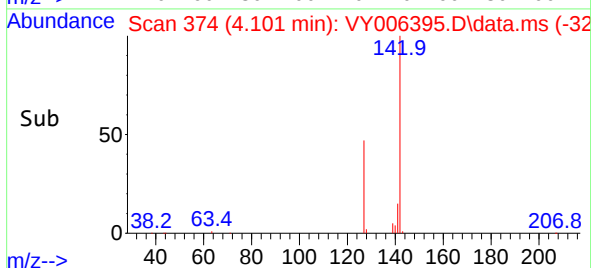
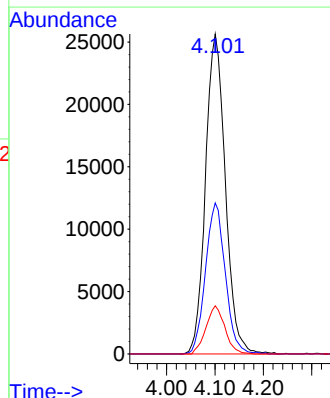
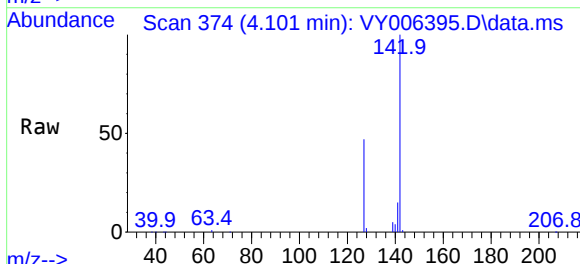
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 101 | 100   |       |       |
| 85  | 47.1  | 40.6  | 60.8  |
| 151 | 80.9  | 64.9  | 97.3  |

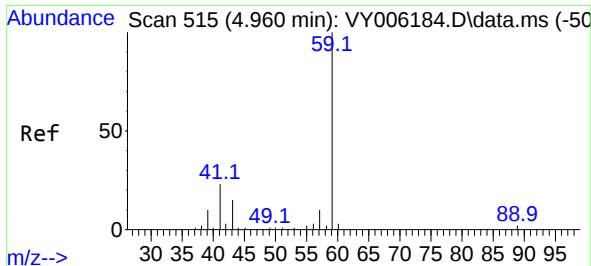


#10  
Methyl Iodide  
Concen: 50.947 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. 0.001 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion:142 Resp: 73074

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 127 | 47.1  | 41.5  | 62.3  |
| 141 | 14.4  | 11.9  | 17.9  |

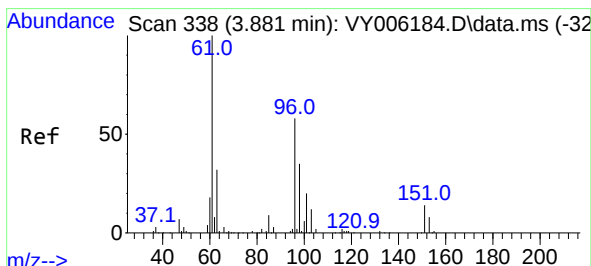
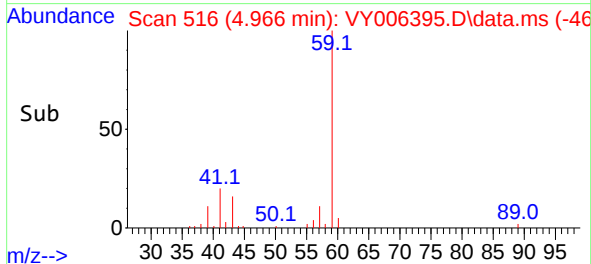
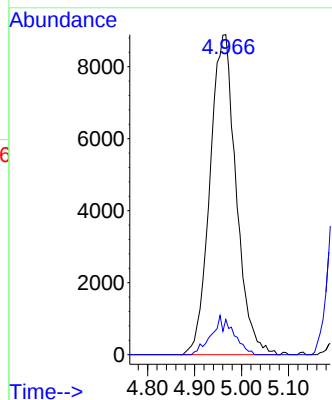
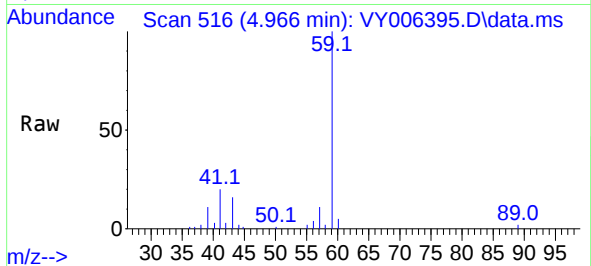




#11  
Tert butyl alcohol  
Concen: 257.068 ug/l  
RT: 4.966 min Scan# 516  
Delta R.T. 0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

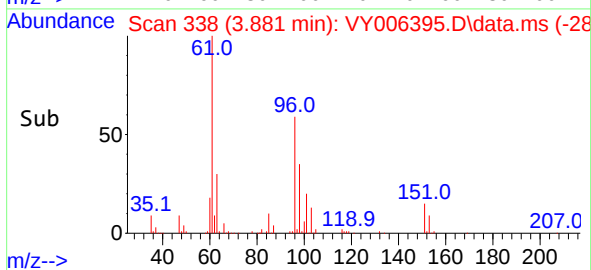
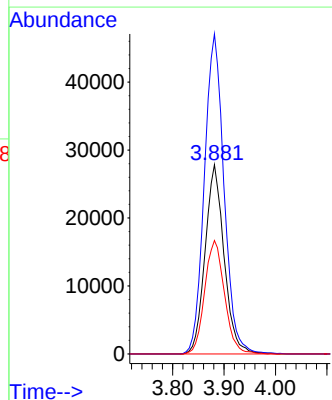
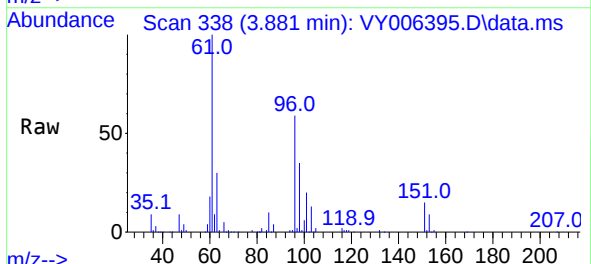
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 59 Resp: 34404  
Ion Ratio Lower Upper  
59 100  
57 10.2 6.4 9.6#



#12  
1,1-Dichloroethene  
Concen: 53.587 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 96 Resp: 71744  
Ion Ratio Lower Upper  
96 100  
61 169.0 145.8 218.6  
98 59.9 52.5 78.7

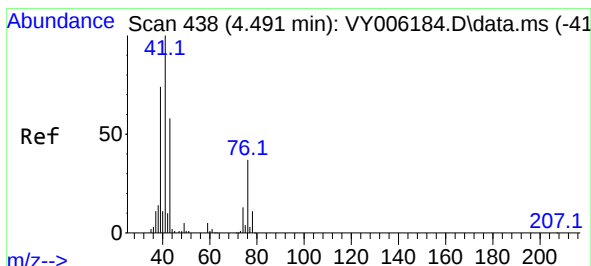
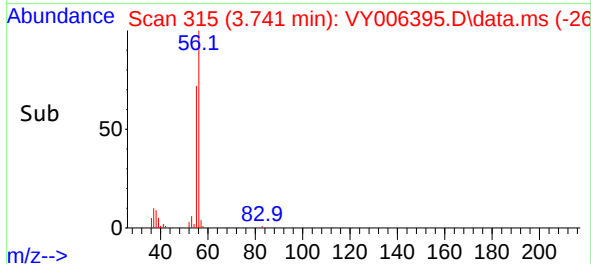
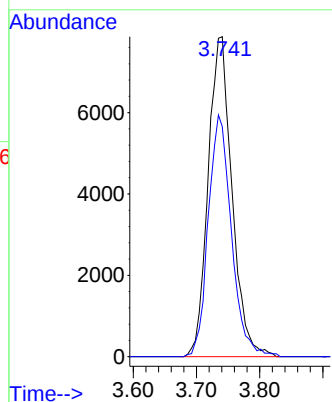
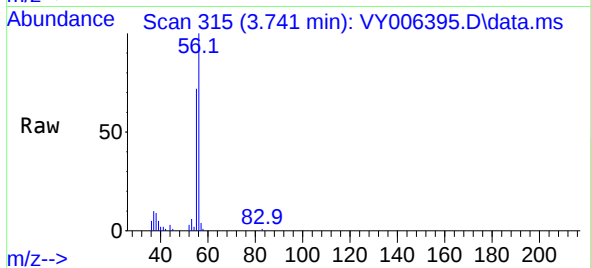




#13  
Acrolein  
Concen: 219.572 ug/l  
RT: 3.741 min Scan# 315  
Delta R.T. 0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

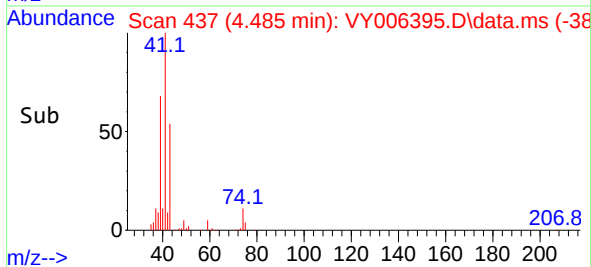
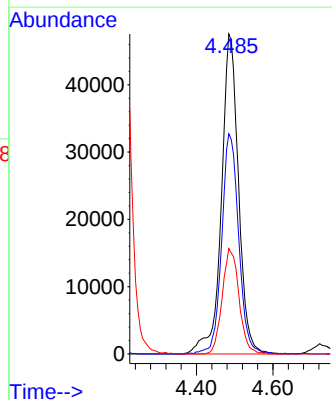
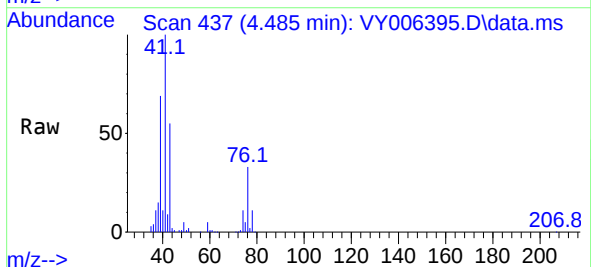
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

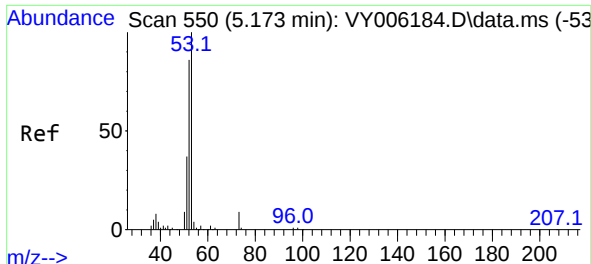
Tgt Ion: 56 Resp: 20597  
Ion Ratio Lower Upper  
56 100  
55 73.3 57.6 86.4



#14  
Allyl chloride  
Concen: 57.445 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 41 Resp: 147904  
Ion Ratio Lower Upper  
41 100  
39 68.2 58.8 88.2  
76 32.2 25.1 37.7

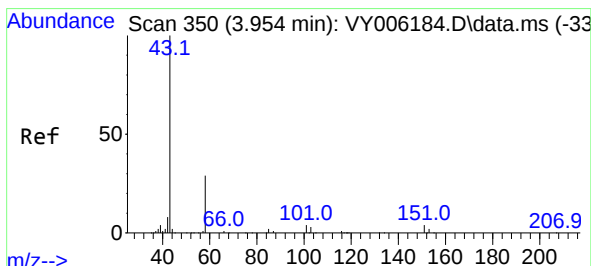
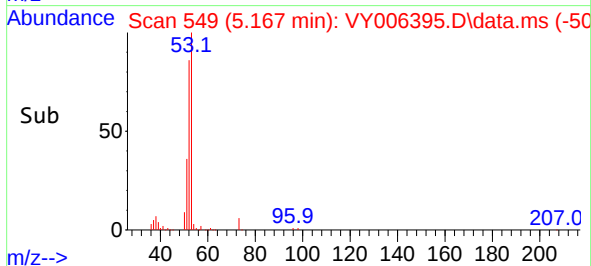
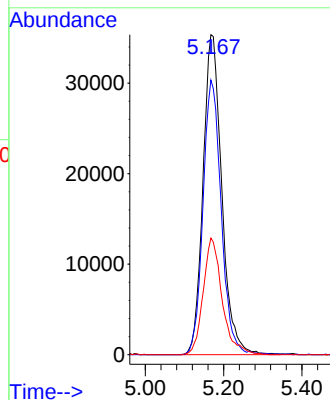
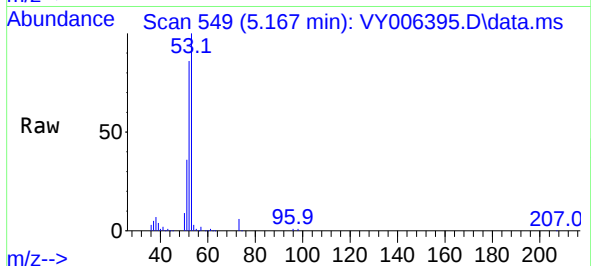




#15  
Acrylonitrile  
Concen: 274.435 ug/l  
RT: 5.167 min Scan# 549  
Delta R.T. -0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

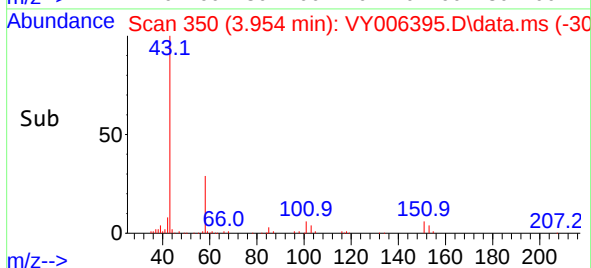
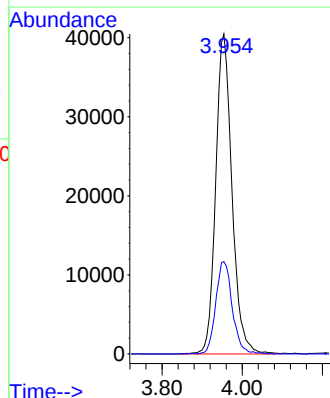
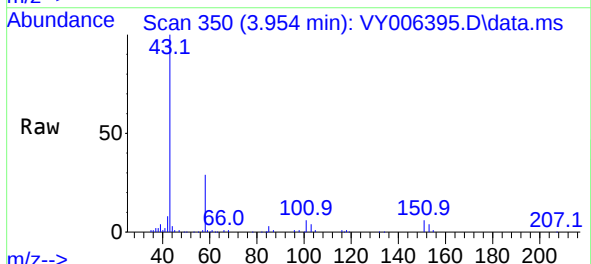
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

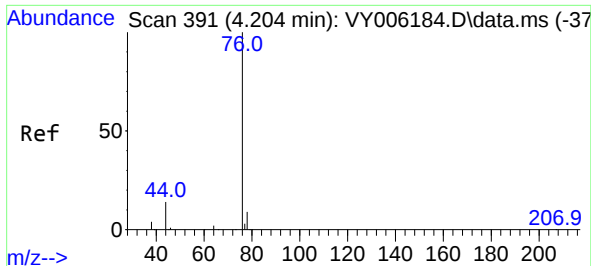
Tgt Ion: 53 Resp: 117540  
Ion Ratio Lower Upper  
53 100  
52 83.5 67.0 100.4  
51 36.9 29.8 44.6



#16  
Acetone  
Concen: 266.292 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 43 Resp: 113791  
Ion Ratio Lower Upper  
43 100  
58 28.9 22.0 33.0

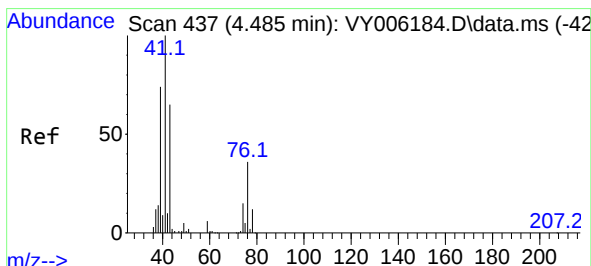
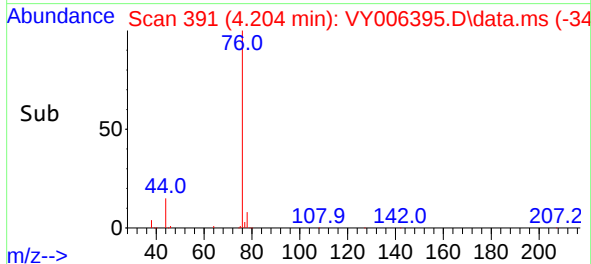
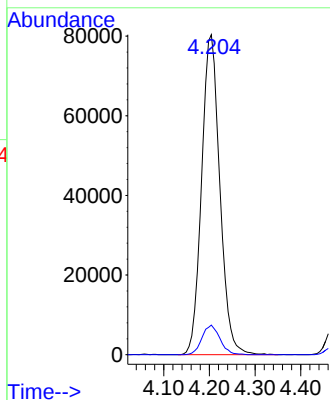
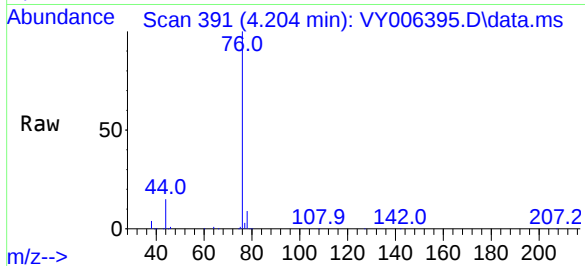




#17  
Carbon Disulfide  
Concen: 49.685 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

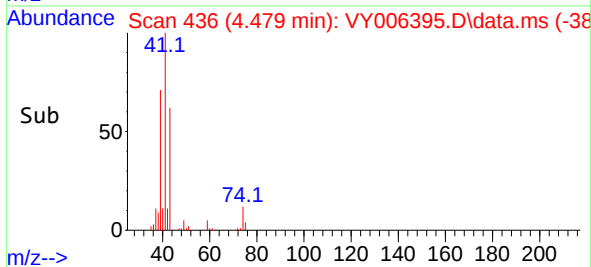
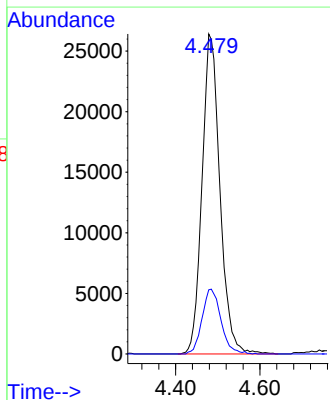
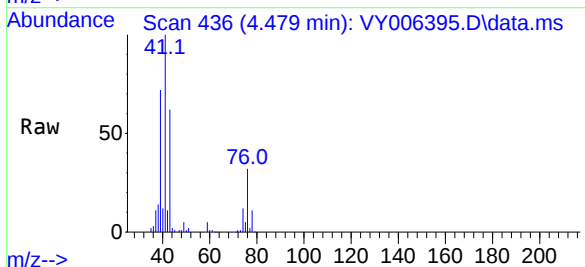
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

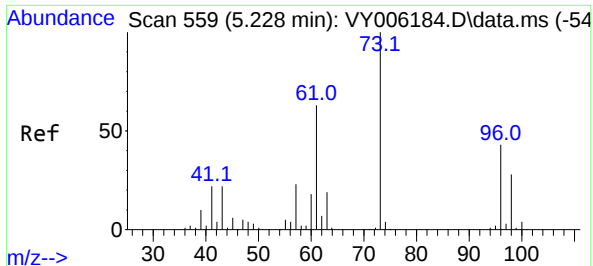
Tgt Ion: 76 Resp: 222474  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.0



#18  
Methyl Acetate  
Concen: 54.127 ug/l  
RT: 4.479 min Scan# 436  
Delta R.T. -0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 43 Resp: 77992  
Ion Ratio Lower Upper  
43 100  
74 21.4 16.6 24.8



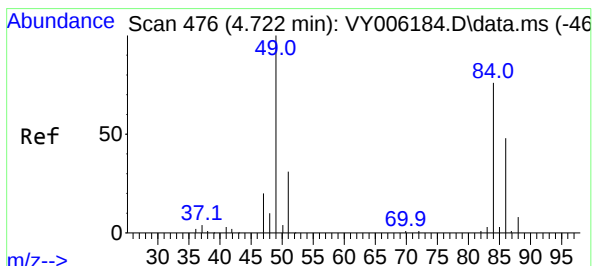
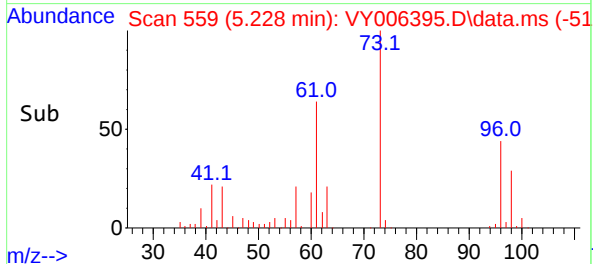
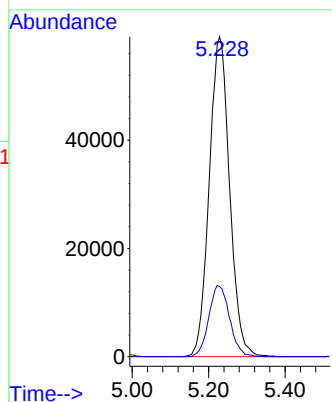
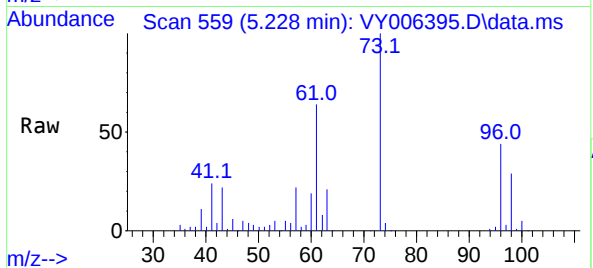


#19

Methyl tert-butyl Ether  
Concen: 55.852 ug/l  
RT: 5.228 min Scan# 559  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

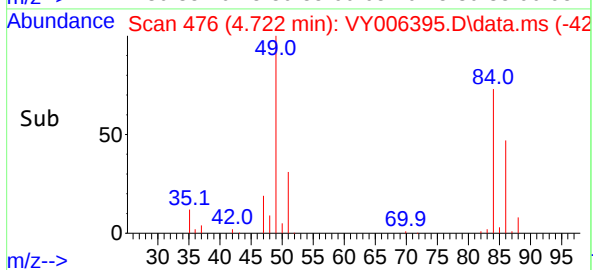
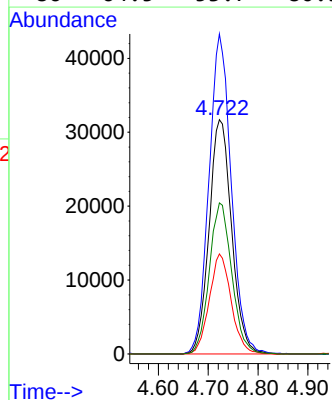
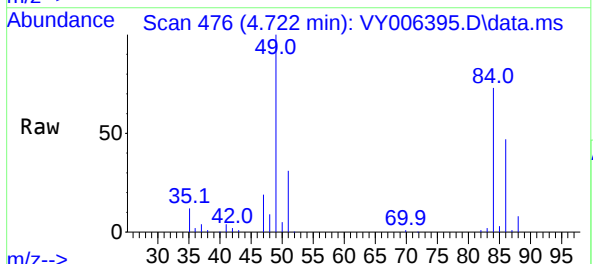
Tgt Ion: 73 Resp: 218369  
Ion Ratio Lower Upper  
73 100  
57 22.0 18.6 27.8

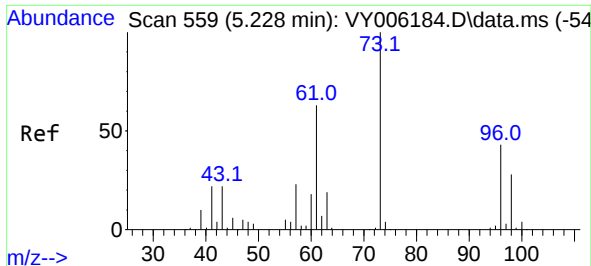


#20

Methylene Chloride  
Concen: 68.965 ug/l  
RT: 4.722 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 84 Resp: 99496  
Ion Ratio Lower Upper  
84 100  
49 136.6 114.4 171.6  
51 42.7 35.3 52.9  
86 64.5 53.7 80.5

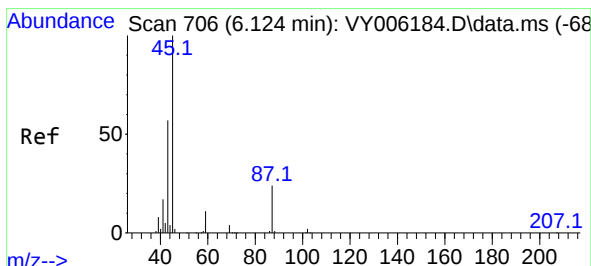
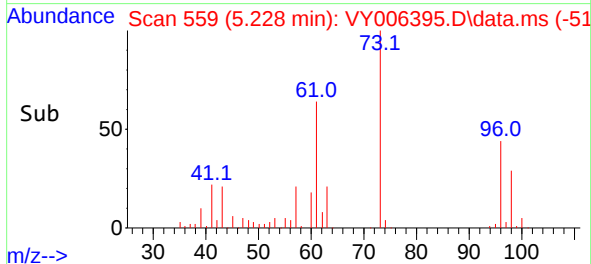
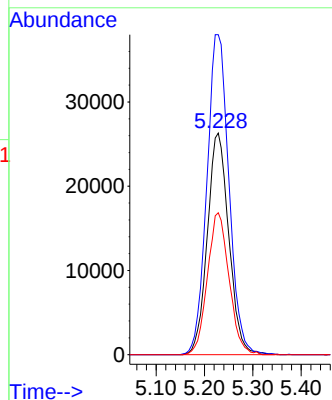
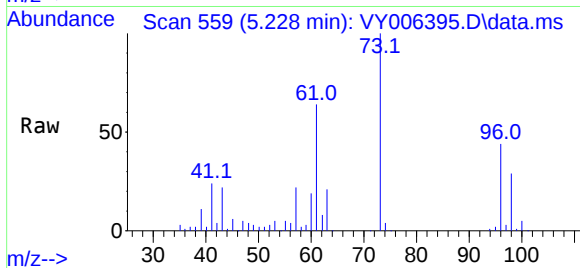




#21  
trans-1,2-Dichloroethene  
Concen: 54.647 ug/l  
RT: 5.228 min Scan# 559  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

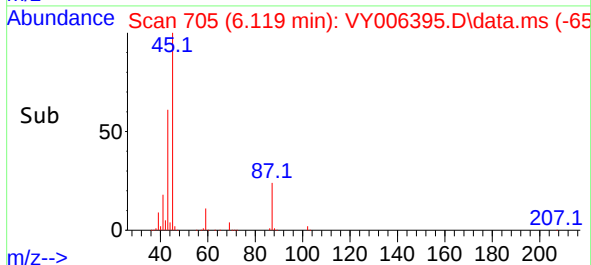
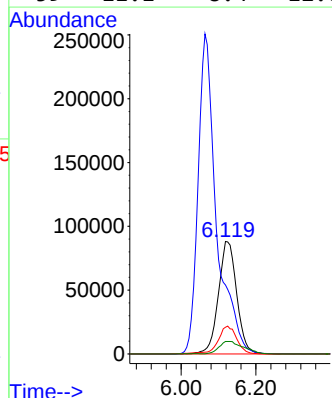
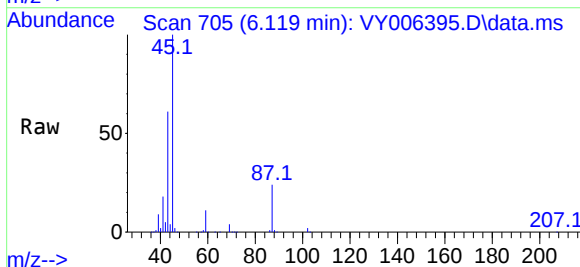
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

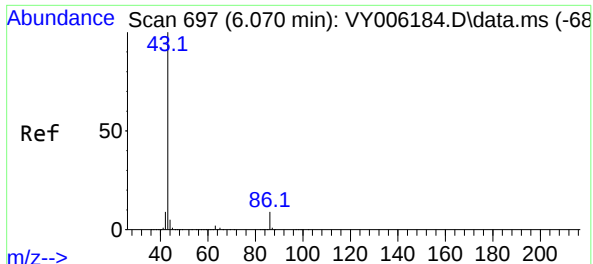
Tgt Ion: 96 Resp: 81114  
Ion Ratio Lower Upper  
96 100  
61 144.4 120.5 180.7  
98 64.1 49.8 74.8



#22  
Diisopropyl ether  
Concen: 58.908 ug/l  
RT: 6.119 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 45 Resp: 300053  
Ion Ratio Lower Upper  
45 100  
43 61.2 49.3 73.9  
87 23.8 19.2 28.8  
59 11.1 8.4 12.6

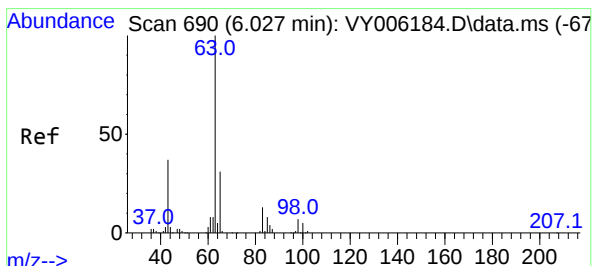
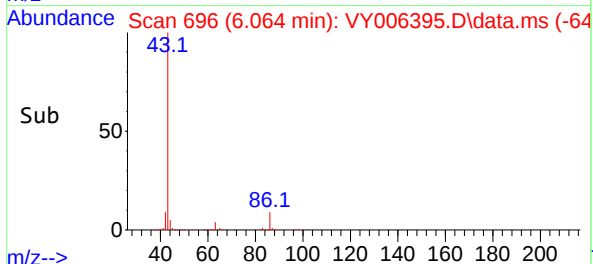
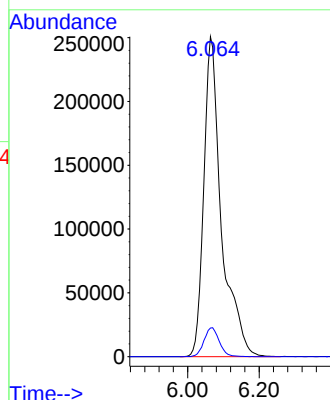
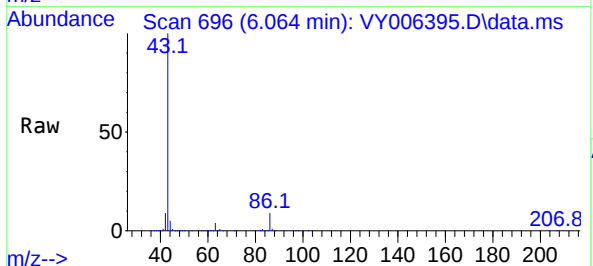




#23  
Vinyl Acetate  
Concen: 280.669 ug/l  
RT: 6.064 min Scan# 696  
Delta R.T. -0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

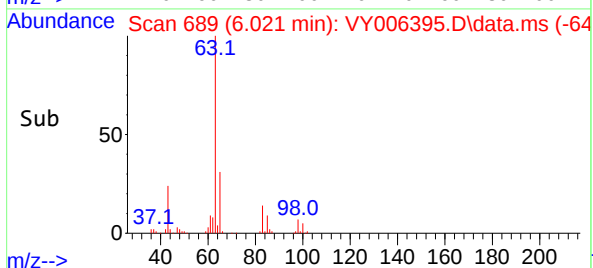
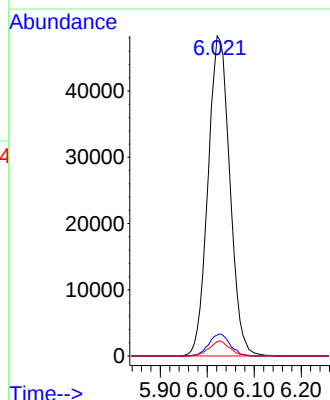
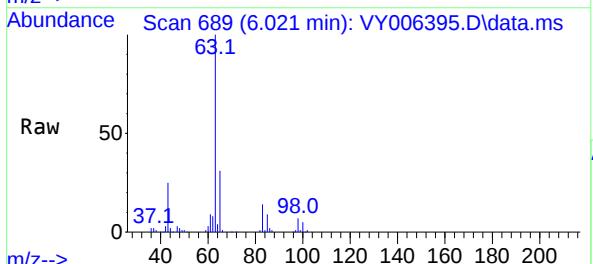
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

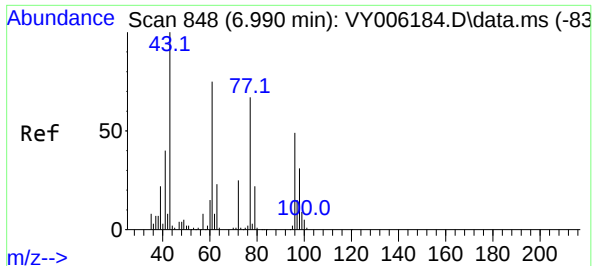
Tgt Ion: 43 Resp: 856914  
Ion Ratio Lower Upper  
43 100  
86 9.0 7.1 10.7



#24  
1,1-Dichloroethane  
Concen: 56.932 ug/l  
RT: 6.021 min Scan# 689  
Delta R.T. -0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 63 Resp: 155683  
Ion Ratio Lower Upper  
63 100  
98 6.6 3.6 10.8  
100 4.5 2.0 5.8

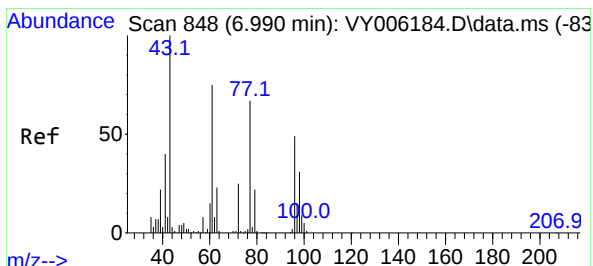
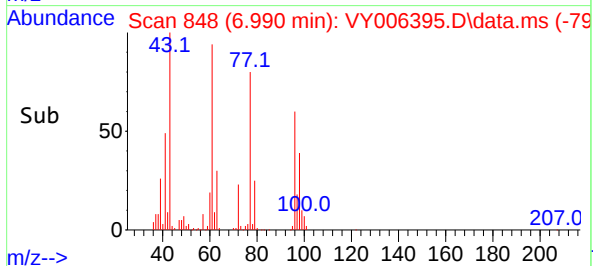
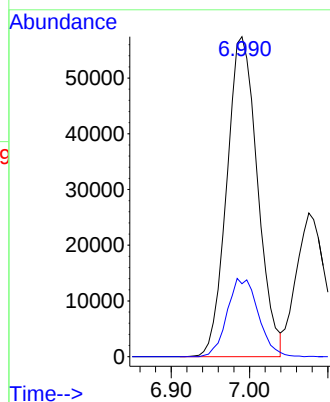
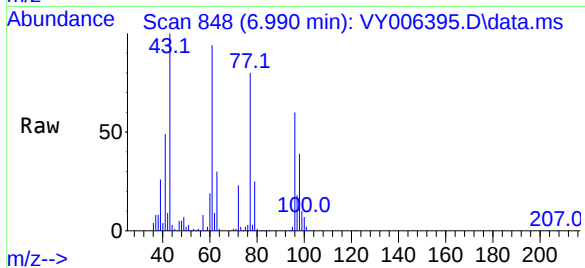




#25  
2-Butanone  
Concen: 262.802 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

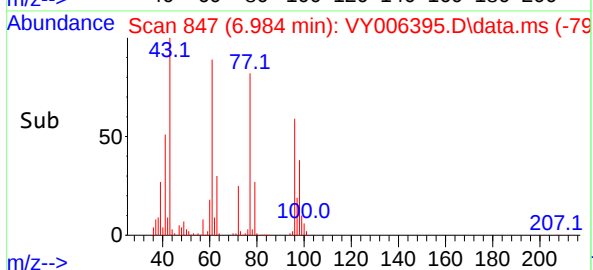
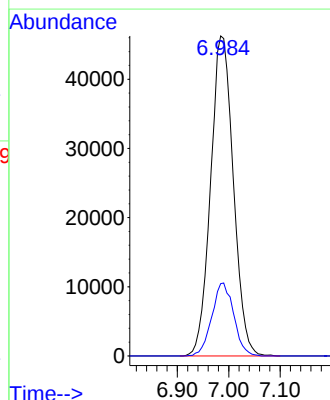
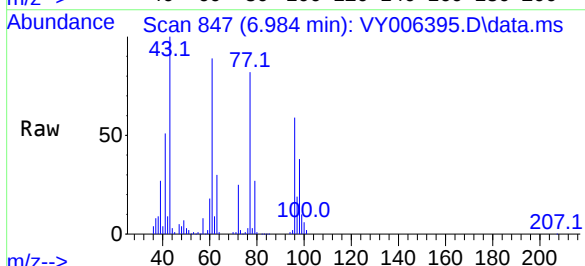
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

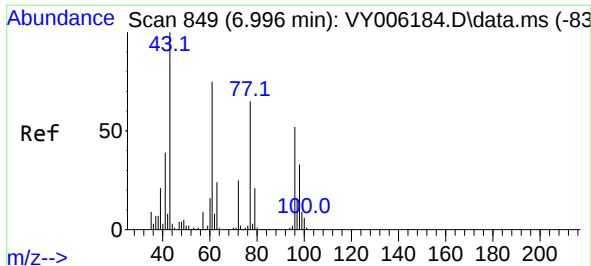
Tgt Ion: 43 Resp: 156431  
Ion Ratio Lower Upper  
43 100  
72 22.8 17.7 26.5



#26  
2,2-Dichloropropane  
Concen: 56.796 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 77 Resp: 142026  
Ion Ratio Lower Upper  
77 100  
97 22.0 10.4 31.4



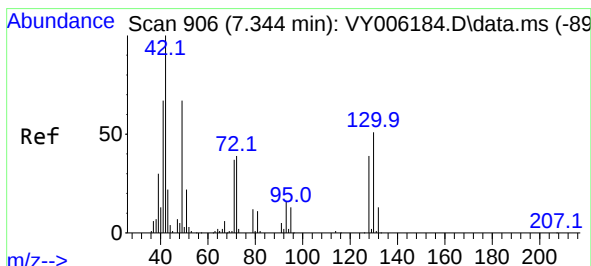
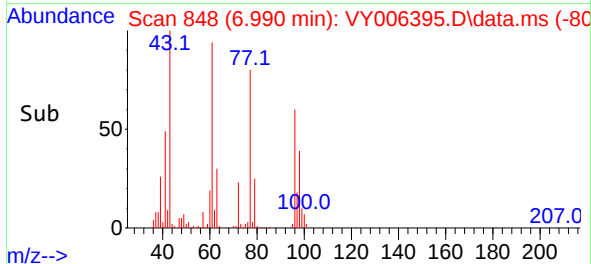
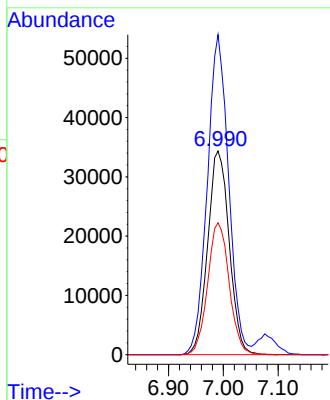
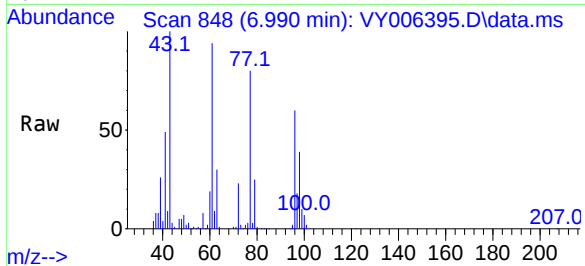


#27

cis-1,2-Dichloroethene  
Concen: 56.338 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. -0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

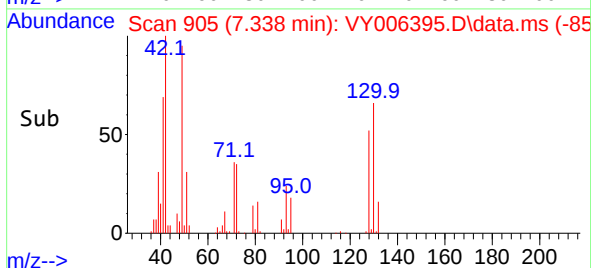
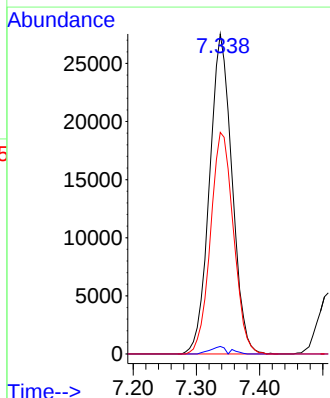
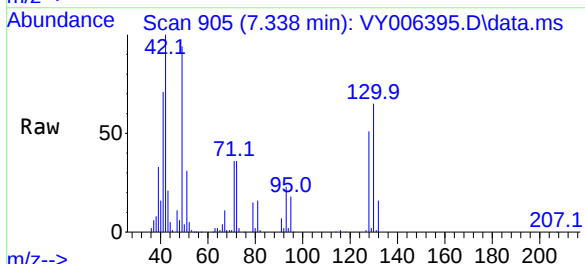
Tgt Ion: 96 Resp: 93655  
Ion Ratio Lower Upper  
96 100  
61 155.5 0.0 319.8  
98 64.9 0.0 127.0

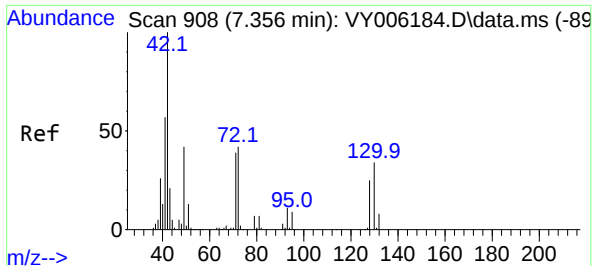


#28

Bromochloromethane  
Concen: 59.653 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. -0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 49 Resp: 67920  
Ion Ratio Lower Upper  
49 100  
129 1.5 0.0 2.2  
130 70.8 55.4 83.0





#29

Tetrahydrofuran

Concen: 263.745 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY006395.D

Acq: 14 Oct 2021 15:37

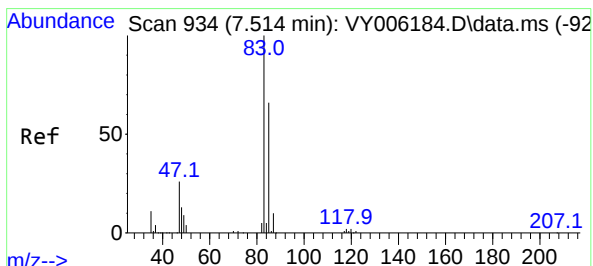
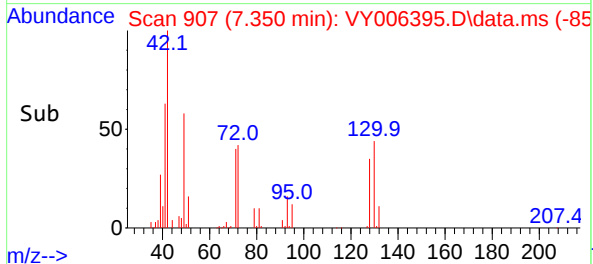
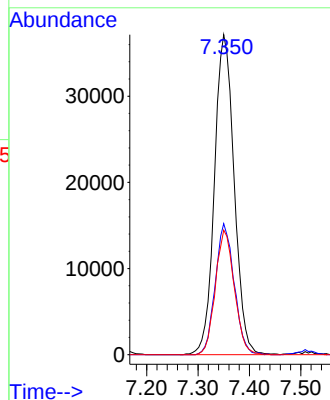
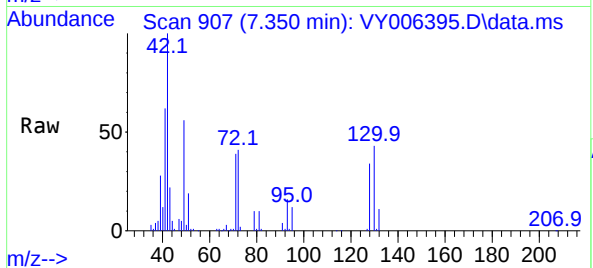
Tgt Ion: 42 Resp: 99164

Ion Ratio Lower Upper

42 100

72 39.2 30.3 45.5

71 37.3 29.0 43.4



#30

Chloroform

Concen: 57.800 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY006395.D

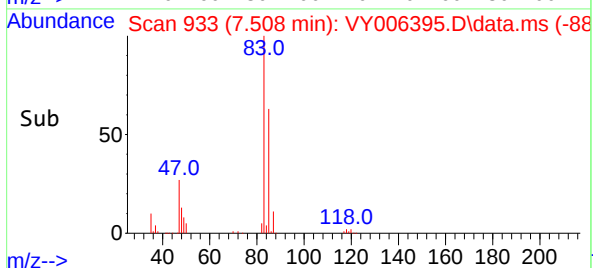
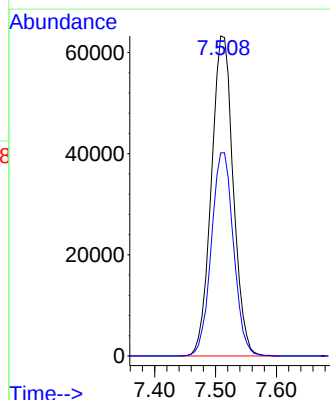
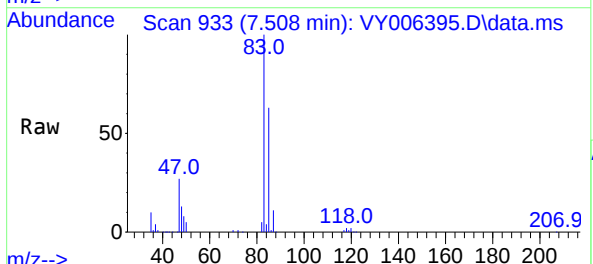
Acq: 14 Oct 2021 15:37

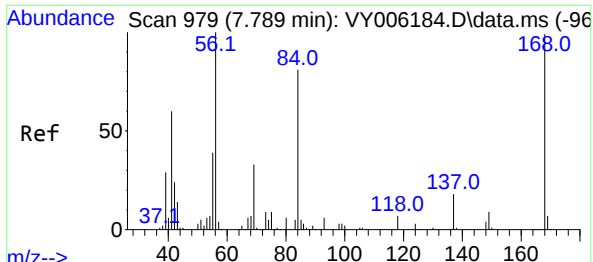
Tgt Ion: 83 Resp: 157667

Ion Ratio Lower Upper

83 100

85 63.5 51.8 77.6

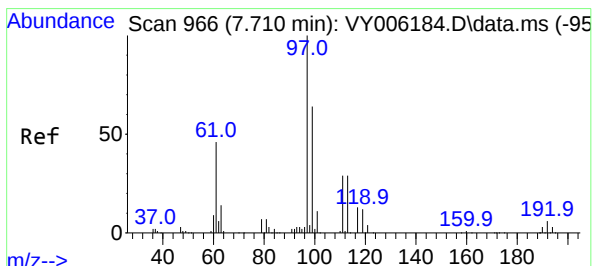
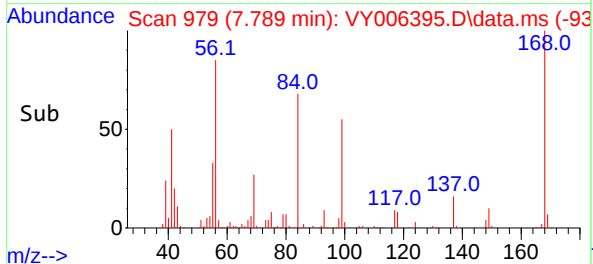
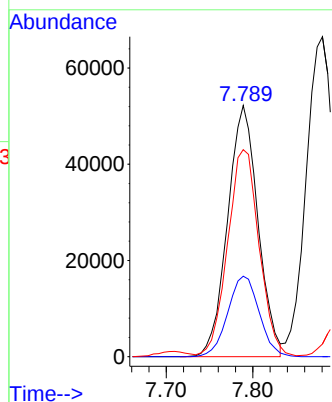
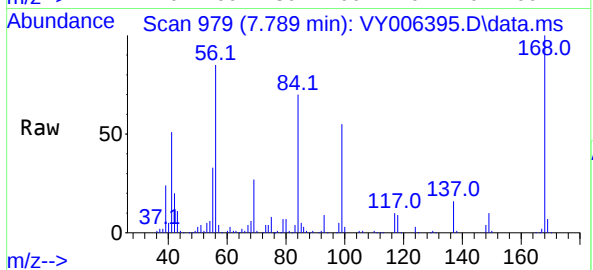




#31  
Cyclohexane  
Concen: 43.922 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

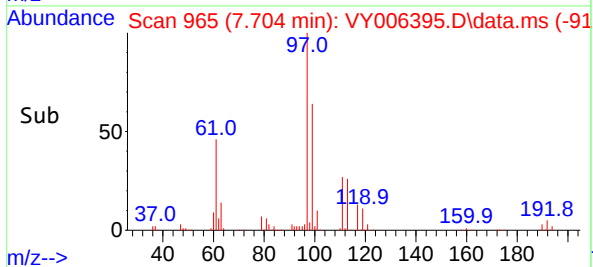
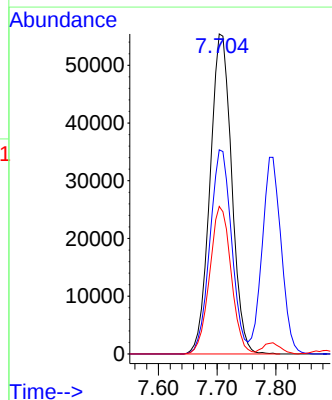
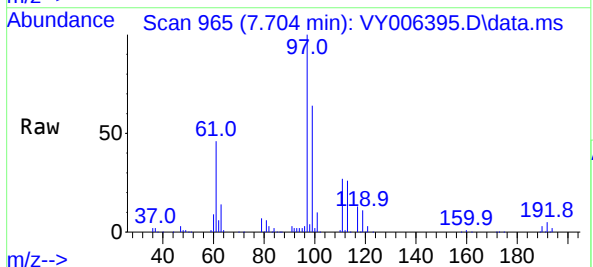
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

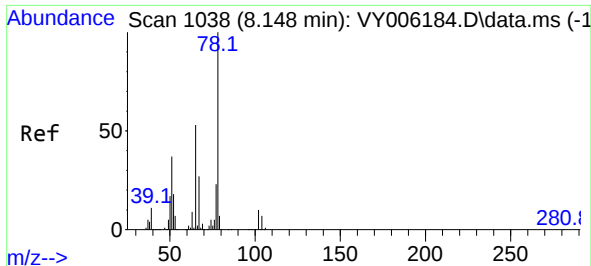
Tgt Ion: 56 Resp: 127312  
Ion Ratio Lower Upper  
56 100  
69 32.0 26.7 40.1  
84 80.6 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 56.285 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. -0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 97 Resp: 141765  
Ion Ratio Lower Upper  
97 100  
99 64.2 50.7 76.1  
61 45.8 37.6 56.4

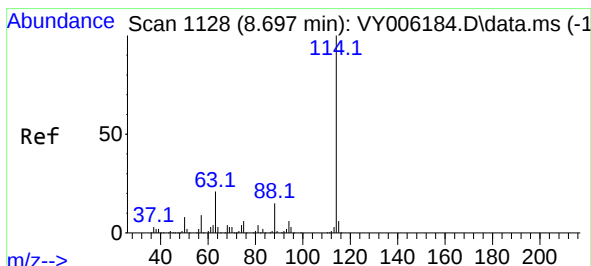
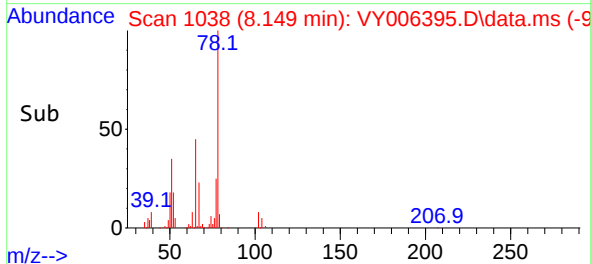
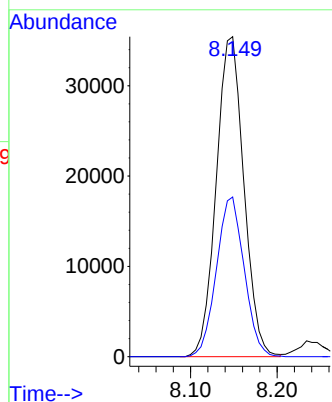
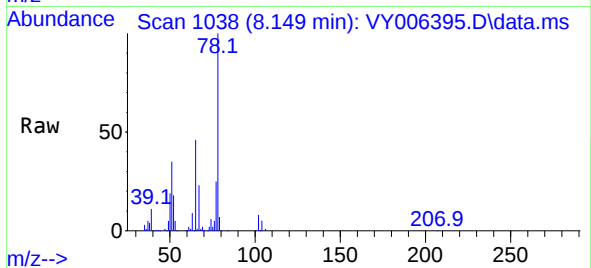




#33  
1,2-Dichloroethane-d4  
Concen: 51.227 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

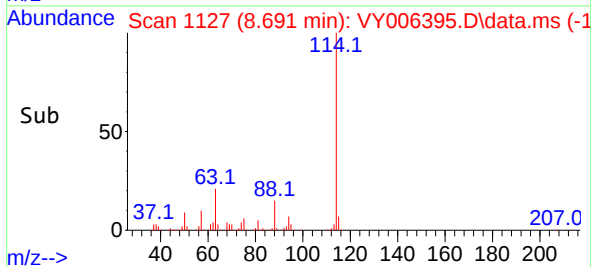
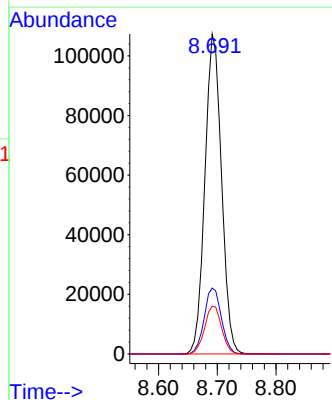
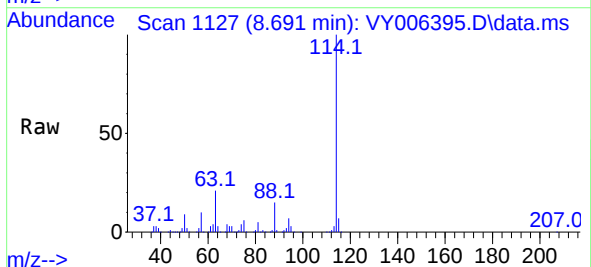
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

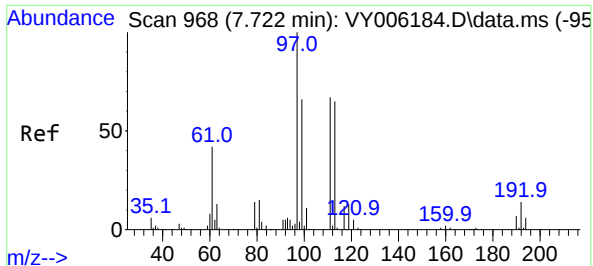
Tgt Ion: 65 Resp: 78375  
Ion Ratio Lower Upper  
65 100  
67 50.2 0.0 99.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.691 min Scan# 1127  
Delta R.T. -0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 114 Resp: 210789  
Ion Ratio Lower Upper  
114 100  
63 20.6 0.0 43.2  
88 14.9 0.0 31.8

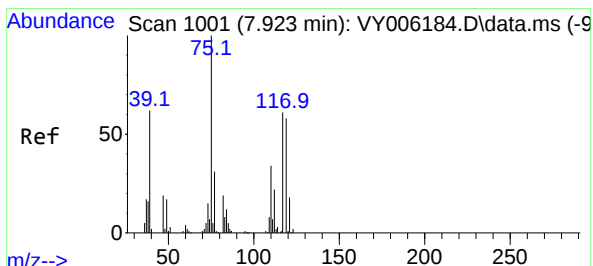
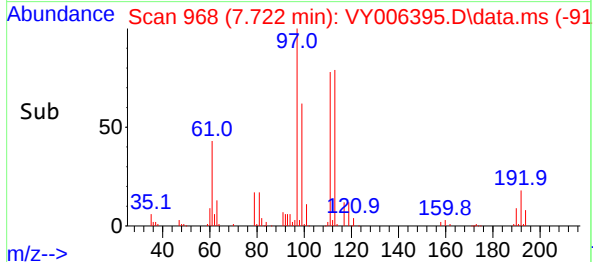
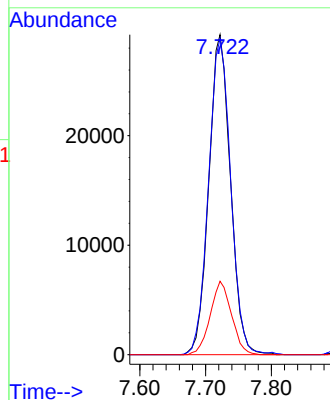
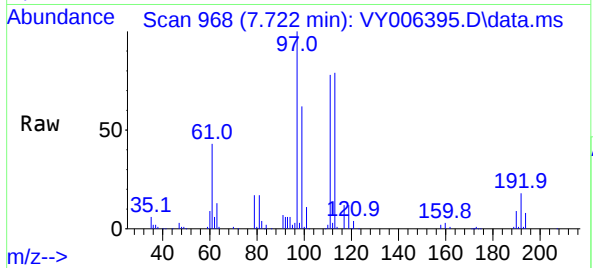




#35  
Dibromofluoromethane  
Concen: 59.349 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

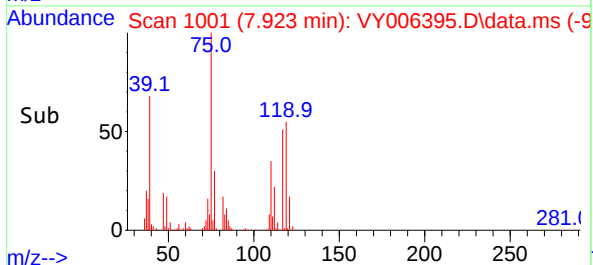
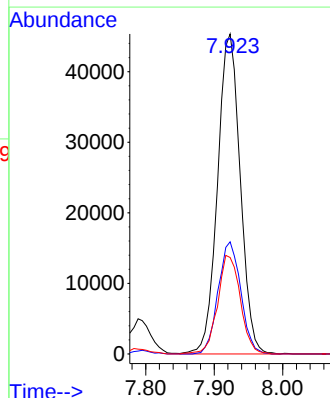
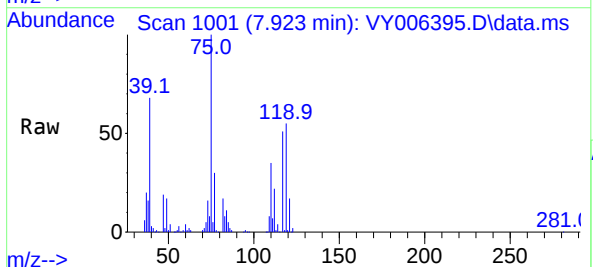
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:113 Resp: 66836  
Ion Ratio Lower Upper  
113 100  
111 101.3 82.6 124.0  
192 22.6 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 49.648 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 75 Resp: 104124  
Ion Ratio Lower Upper  
75 100  
110 34.9 17.1 51.2  
77 30.9 24.4 36.6





#37

Ethyl Acetate

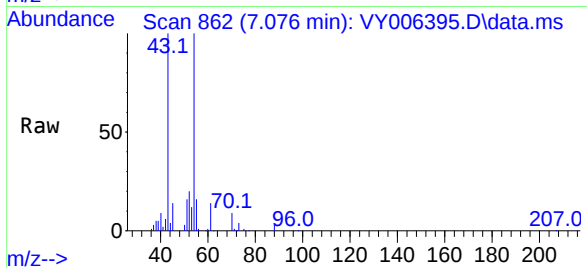
Concen: 56.101 ug/l

RT: 7.076 min Scan# 862

Delta R.T. -0.006 min

Lab File: VY006395.D

Acq: 14 Oct 2021 15:37



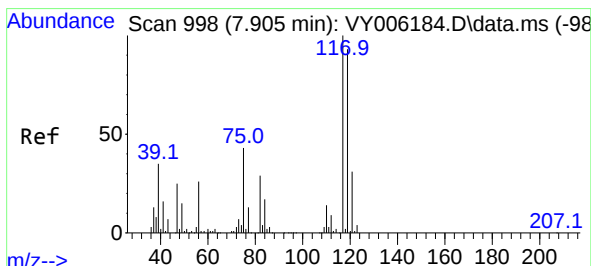
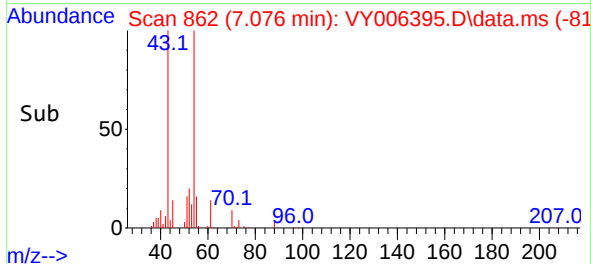
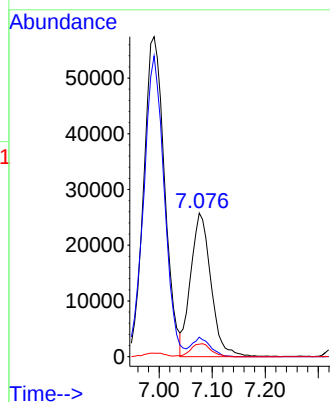
Tgt Ion: 43 Resp: 68542

Ion Ratio Lower Upper

43 100

61 11.9 9.7 14.5

70 9.1 7.1 10.7



#38

Carbon Tetrachloride

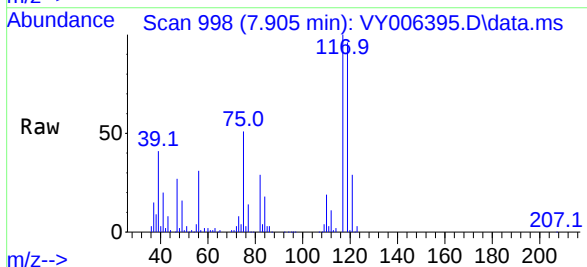
Concen: 52.141 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY006395.D

Acq: 14 Oct 2021 15:37



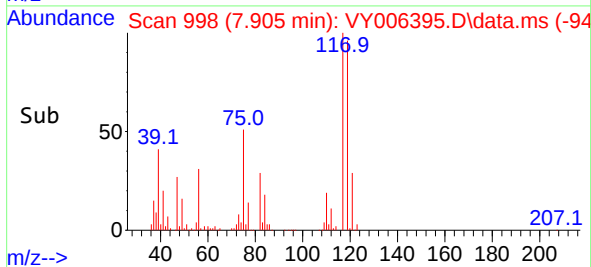
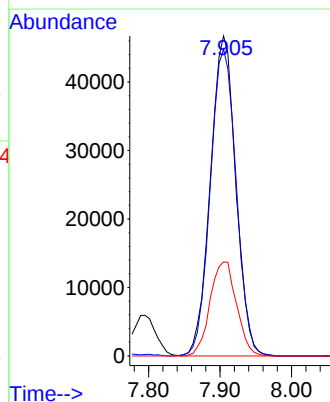
Tgt Ion: 117 Resp: 115470

Ion Ratio Lower Upper

117 100

119 95.9 77.9 116.9

121 29.4 24.8 37.2

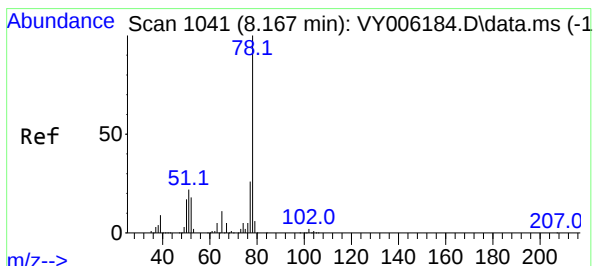
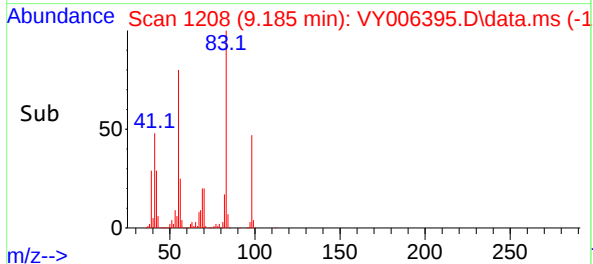
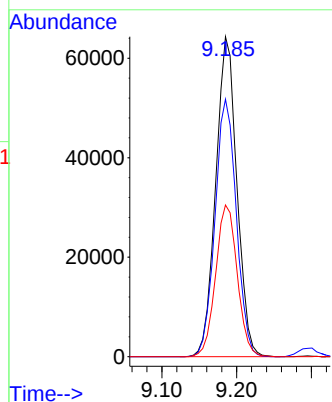
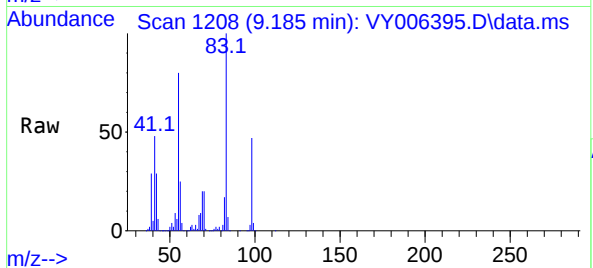




#39  
Methylcyclohexane  
Concen: 48.050 ug/l  
RT: 9.185 min Scan# 1208  
Delta R.T. -0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

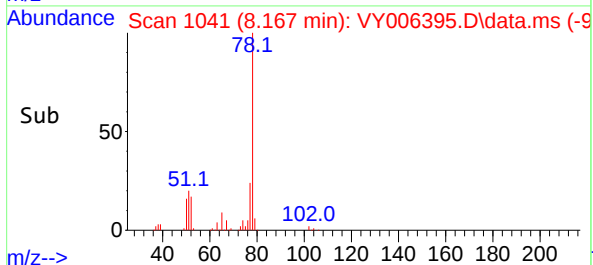
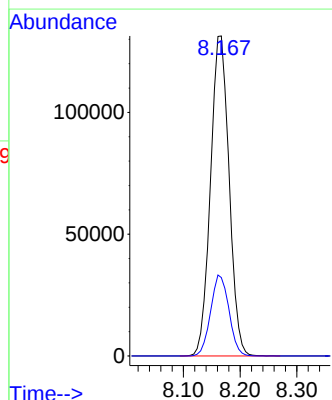
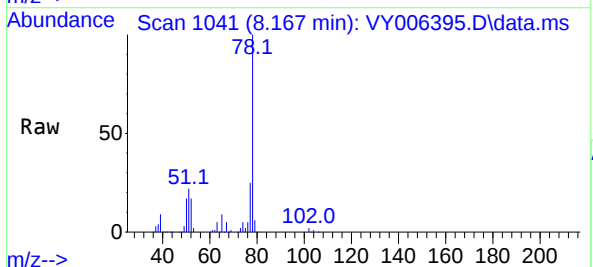
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

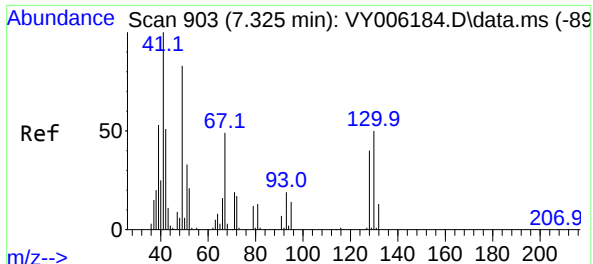
Tgt Ion: 83 Resp: 126580  
Ion Ratio Lower Upper  
83 100  
55 80.4 66.5 99.7  
98 47.4 37.9 56.9



#40  
Benzene  
Concen: 50.230 ug/l  
RT: 8.167 min Scan# 1041  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 78 Resp: 298873  
Ion Ratio Lower Upper  
78 100  
77 24.5 20.4 30.6

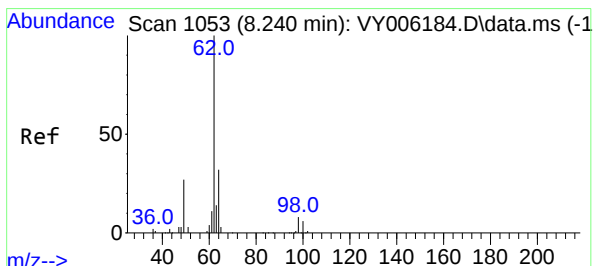
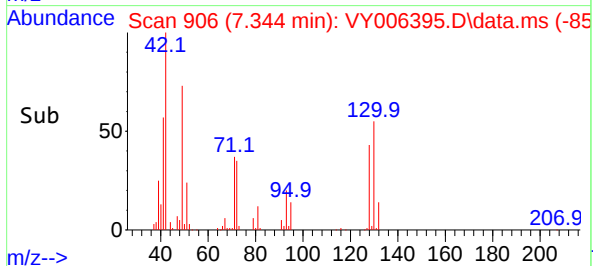
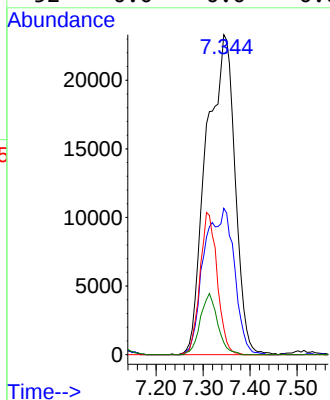
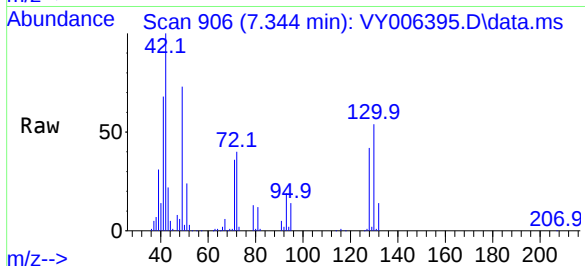




#41  
Methacrylonitrile  
Concen: 124.034 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. 0.018 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

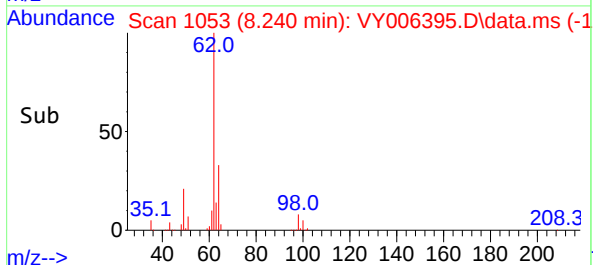
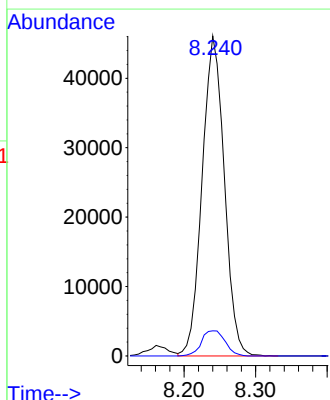
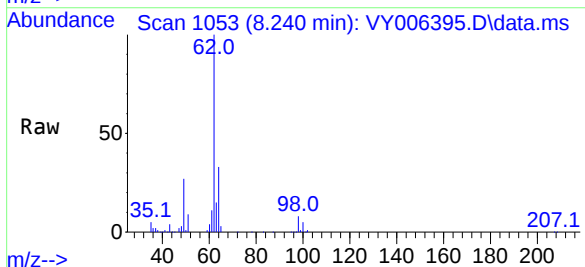
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

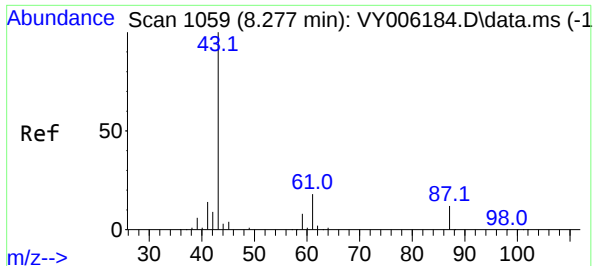
Tgt Ion: 41 Resp: 98299  
Ion Ratio Lower Upper  
41 100  
39 0.0 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 51.714 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 62 Resp: 99142  
Ion Ratio Lower Upper  
62 100  
98 8.5 0.0 14.8



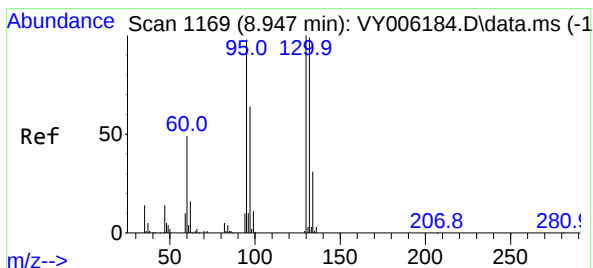
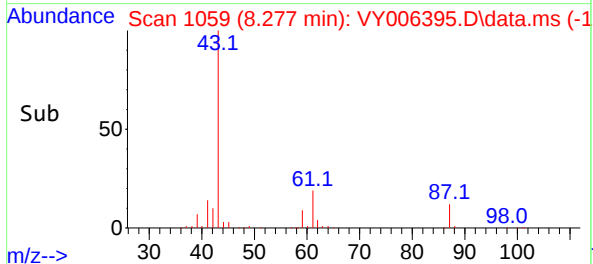
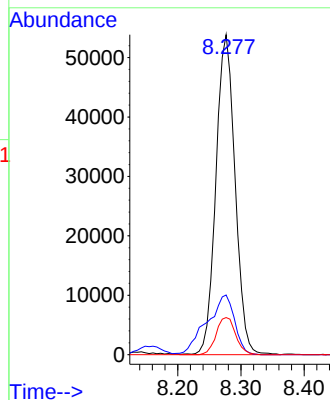
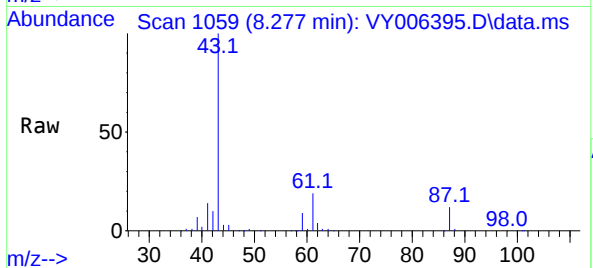


#43

Isopropyl Acetate  
Concen: 48.299 ug/l  
RT: 8.277 min Scan# 1059  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

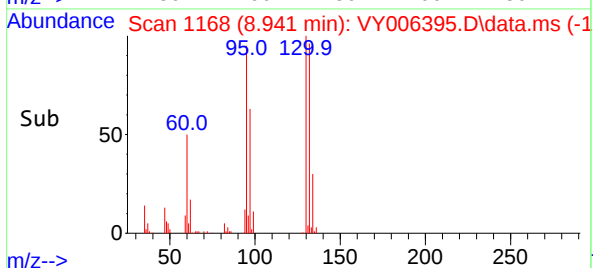
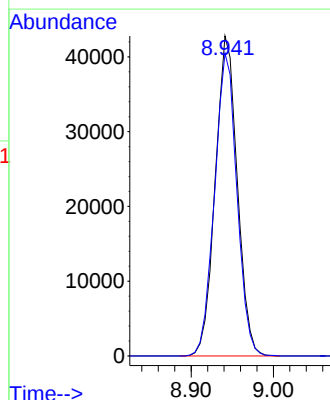
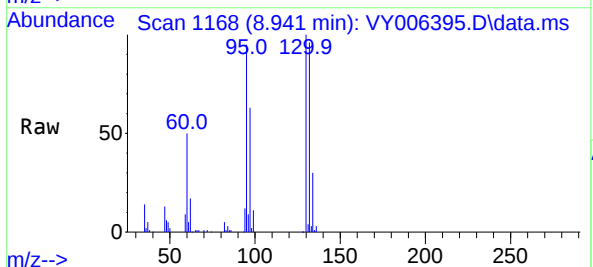
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 113179 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 27.1  | 20.2  | 30.2   |
| 87       | 11.8  | 8.9   | 13.3   |

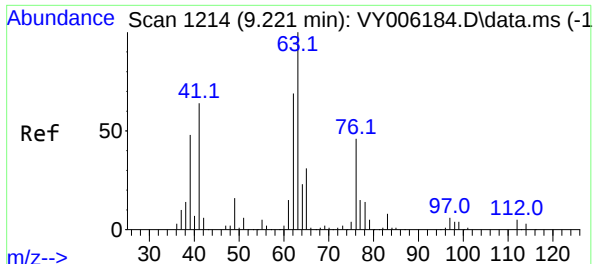


#44

Trichloroethene  
Concen: 51.780 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. -0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 79572 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 94.6  | 0.0   | 188.2 |



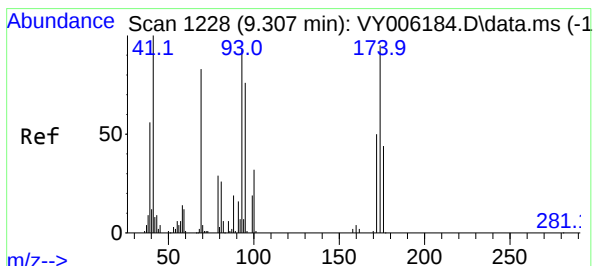
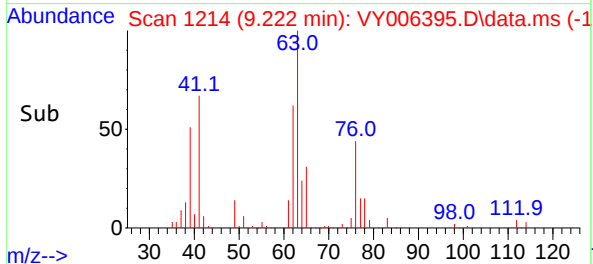
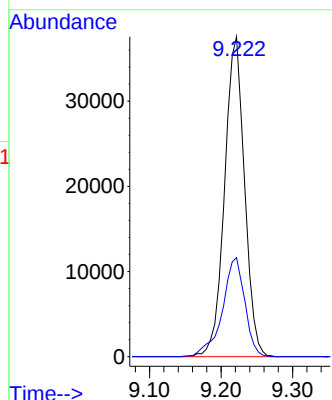
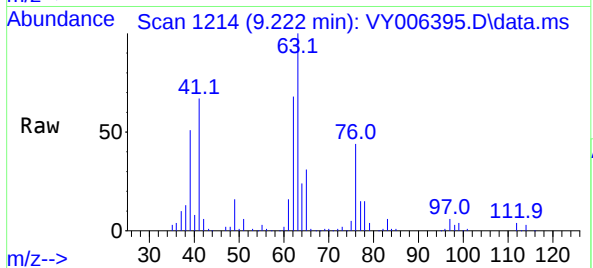


#45

1,2-Dichloropropane  
Concen: 49.651 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

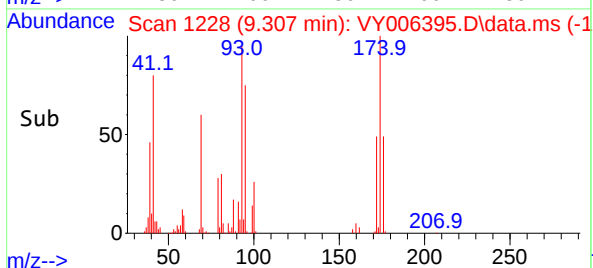
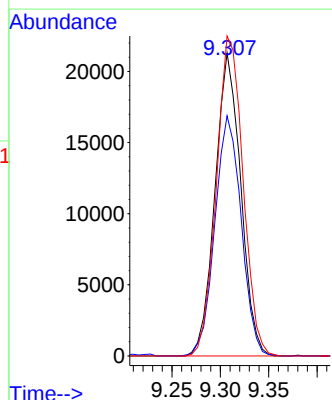
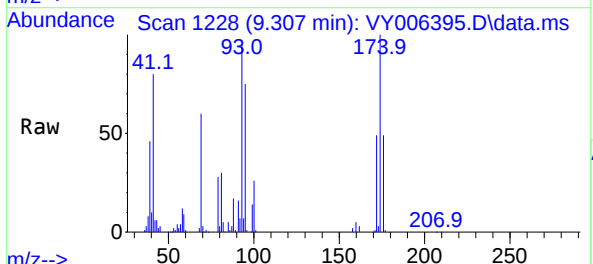
Tgt Ion: 63 Resp: 72729  
Ion Ratio Lower Upper  
63 100  
65 30.9 23.0 34.6

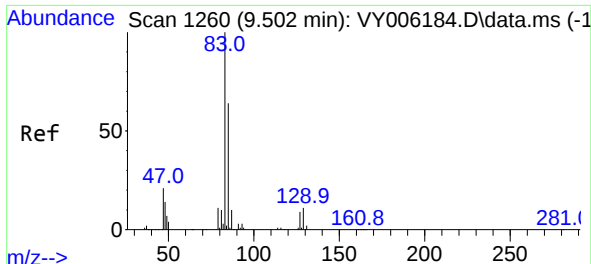


#46

Dibromomethane  
Concen: 50.255 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 93 Resp: 39198  
Ion Ratio Lower Upper  
93 100  
95 81.4 64.3 96.5  
174 109.4 83.4 125.0

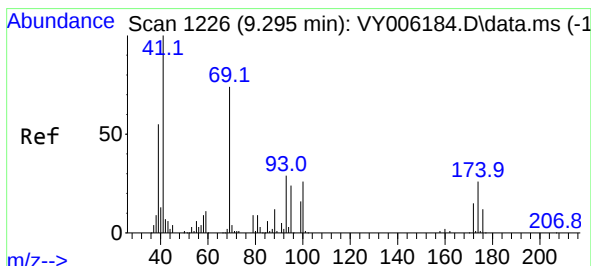
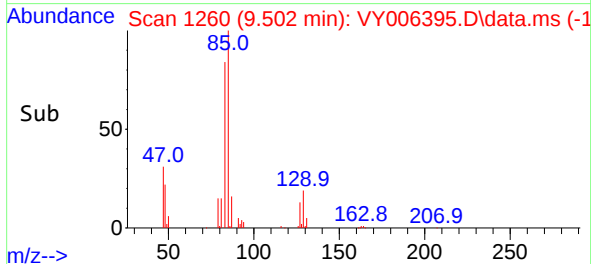
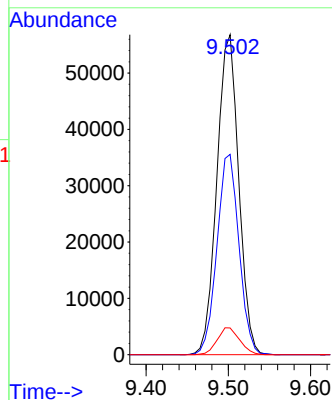
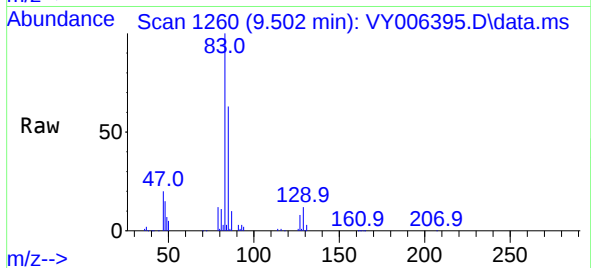




#47  
Bromodichloromethane  
Concen: 52.274 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

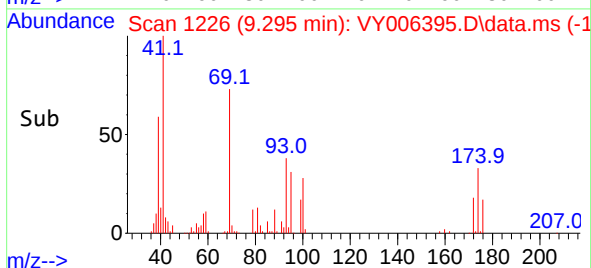
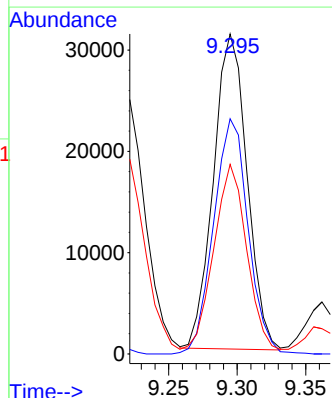
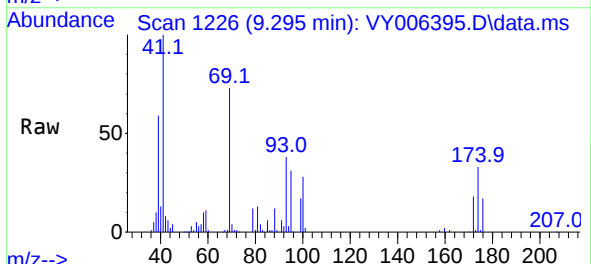
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

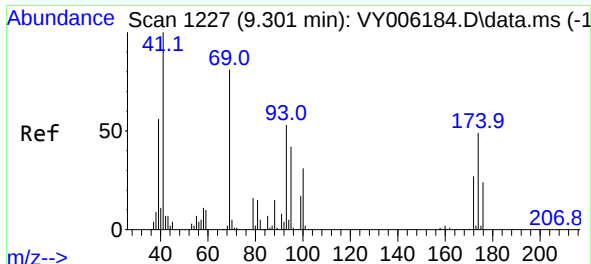
Tgt Ion: 83 Resp: 104982  
Ion Ratio Lower Upper  
83 100  
85 62.6 51.9 77.9  
127 8.4 6.6 10.0



#48  
Methyl methacrylate  
Concen: 47.191 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 41 Resp: 53051  
Ion Ratio Lower Upper  
41 100  
69 76.8 58.2 87.2  
39 60.6 47.4 71.0

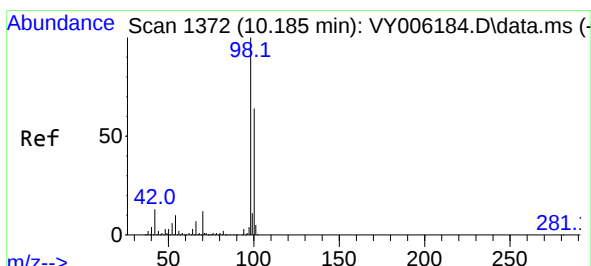
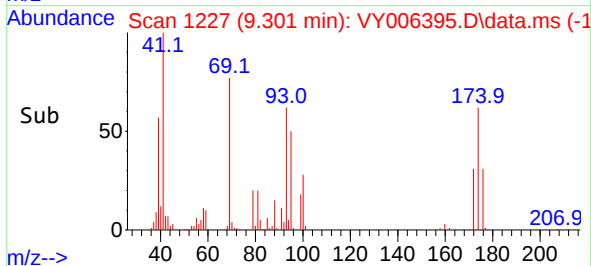
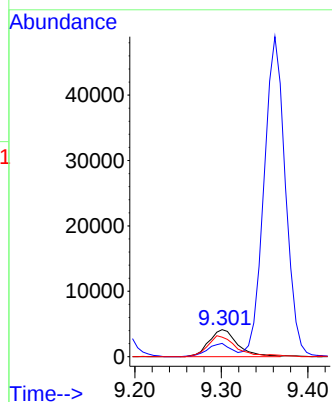
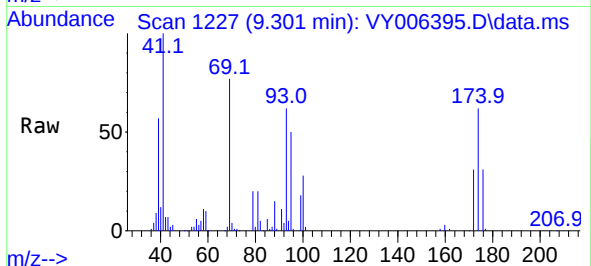




#49  
1,4-Dioxane  
Concen: 931.378 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

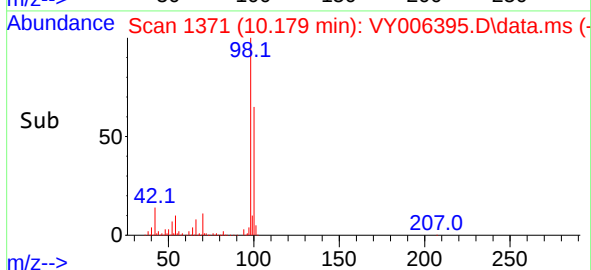
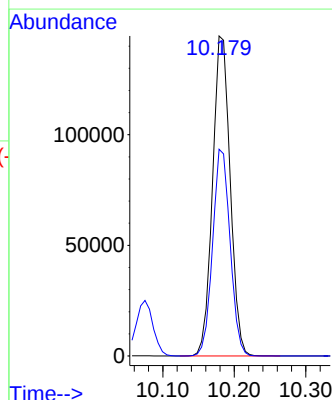
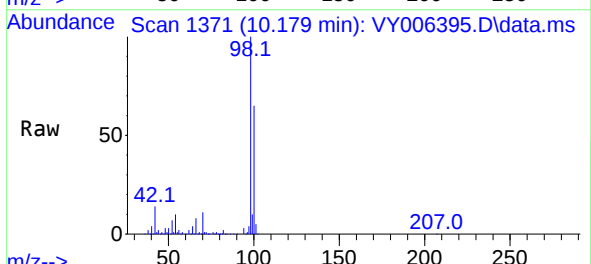
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

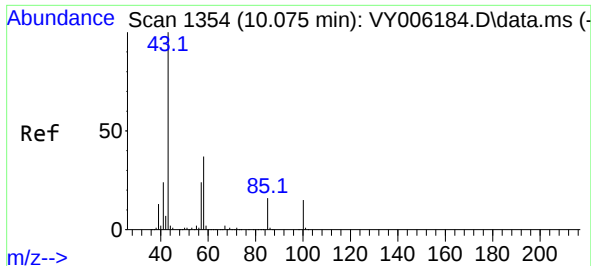
Tgt Ion: 88 Resp: 9478  
Ion Ratio Lower Upper  
88 100  
43 40.6 32.8 49.2  
58 74.6 59.8 89.6



#50  
Toluene-d8  
Concen: 52.498 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 98 Resp: 247433  
Ion Ratio Lower Upper  
98 100  
100 64.0 50.2 75.2

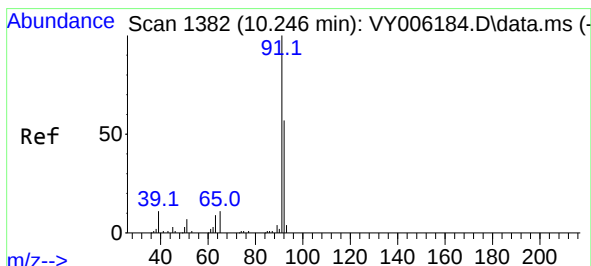
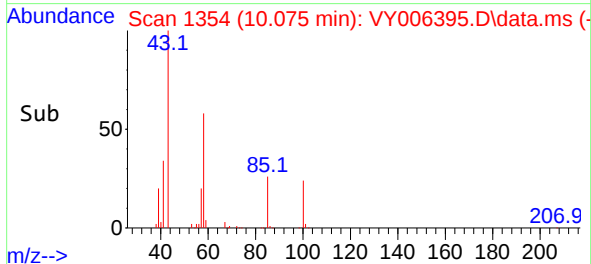
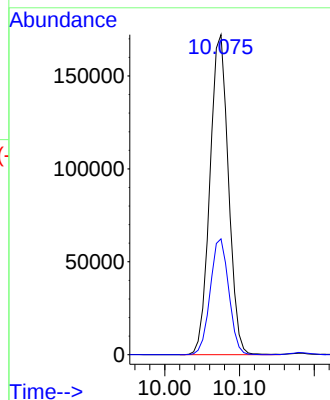
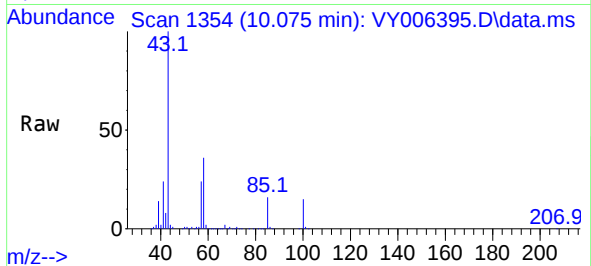




#51  
4-Methyl-2-Pentanone  
Concen: 243.504 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

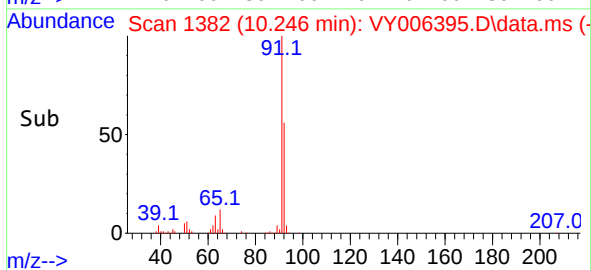
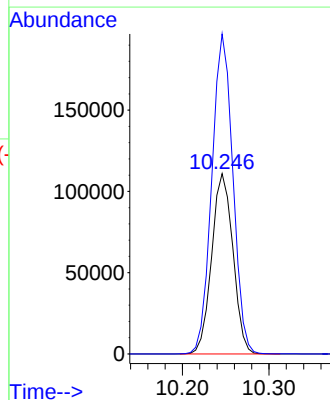
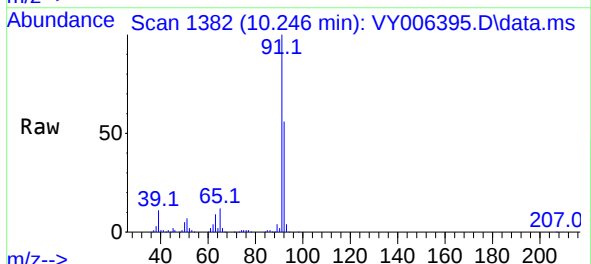
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

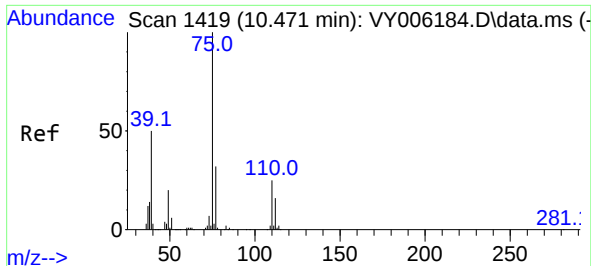
Tgt Ion: 43 Resp: 296276  
Ion Ratio Lower Upper  
43 100  
58 36.3 28.1 42.1



#52  
Toluene  
Concen: 51.203 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 92 Resp: 188972  
Ion Ratio Lower Upper  
92 100  
91 176.2 142.6 213.8

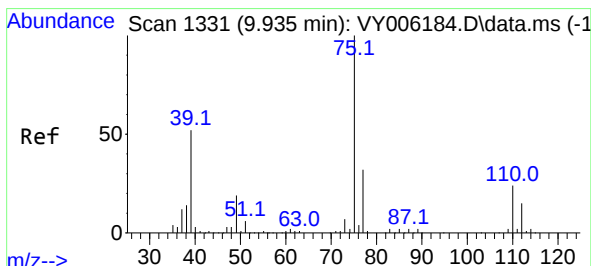
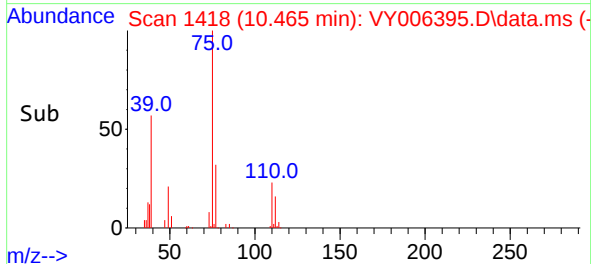
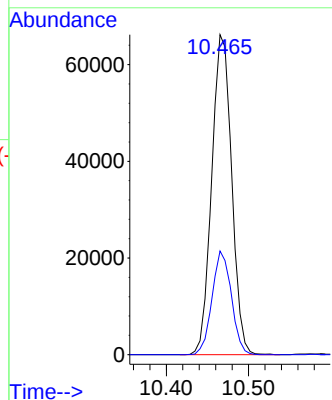
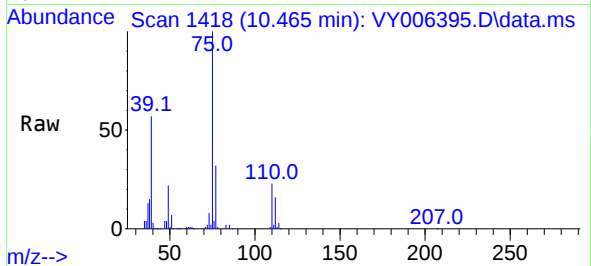




#53  
t-1,3-Dichloropropene  
Concen: 50.899 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

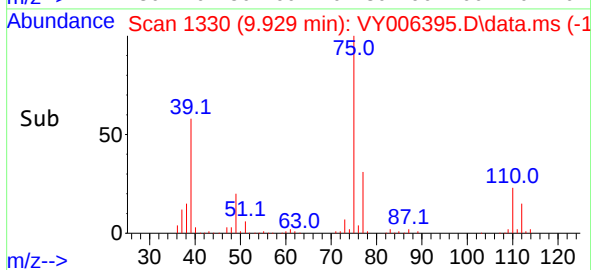
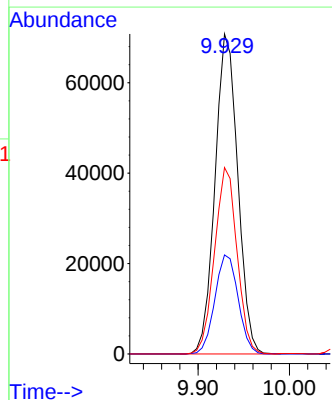
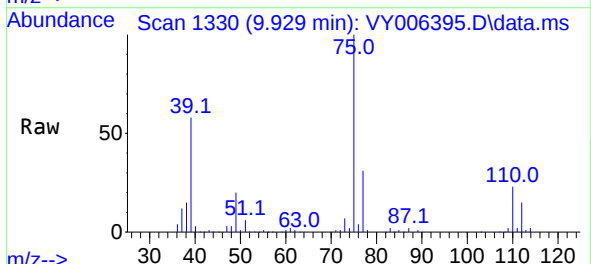
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

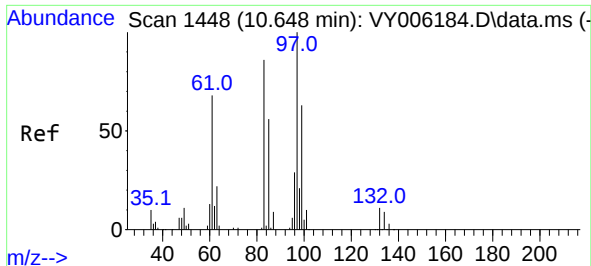
Tgt Ion: 75 Resp: 111453  
Ion Ratio Lower Upper  
75 100  
77 32.4 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 50.825 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. -0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 75 Resp: 122346  
Ion Ratio Lower Upper  
75 100  
77 31.0 25.6 38.4  
39 58.3 47.6 71.4

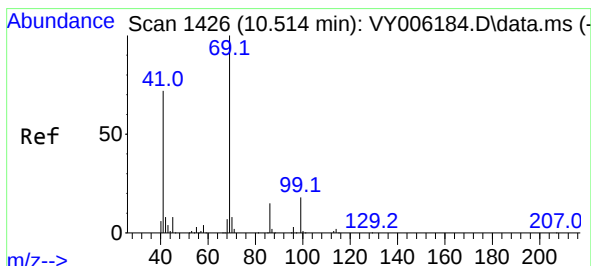
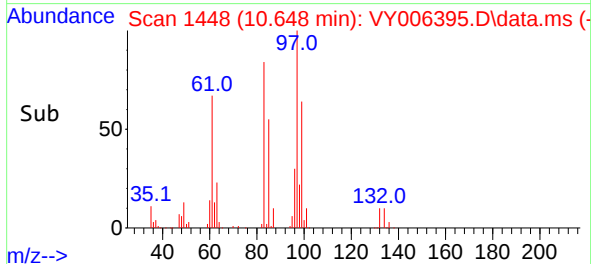
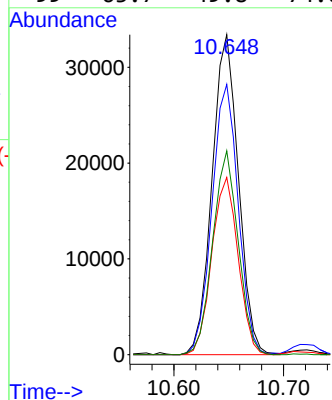
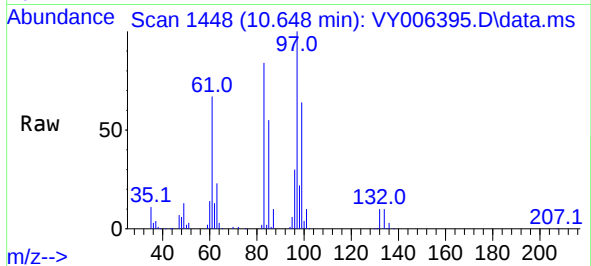




#55  
1,1,2-Trichloroethane  
Concen: 50.911 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

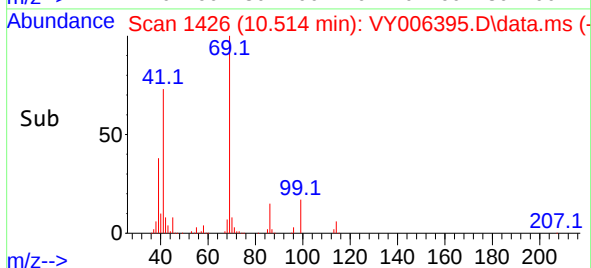
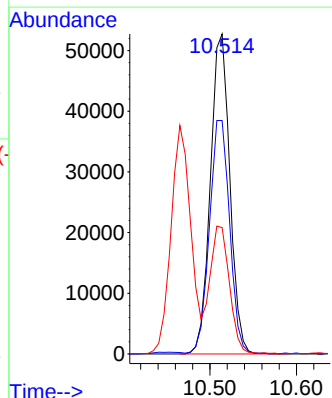
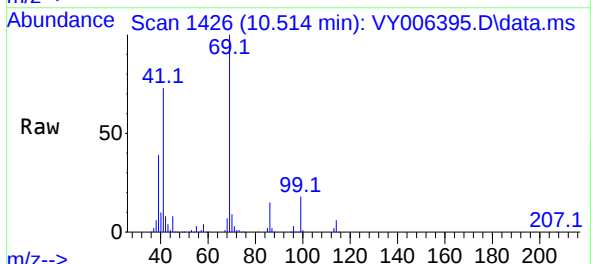
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

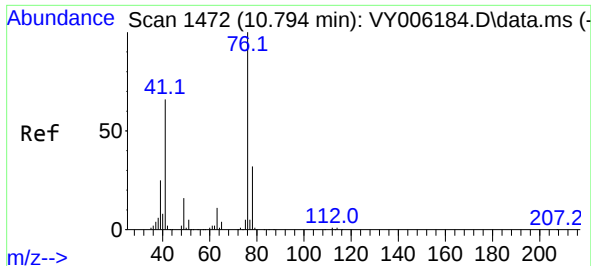
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 55875 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.5  | 69.8  | 104.8 |
| 85       | 55.4  | 44.3  | 66.5  |
| 99       | 63.7  | 49.8  | 74.6  |



#56  
Ethyl methacrylate  
Concen: 49.299 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 82238 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 76.0  | 63.4  | 95.0  |
| 39       | 40.5  | 35.8  | 53.8  |

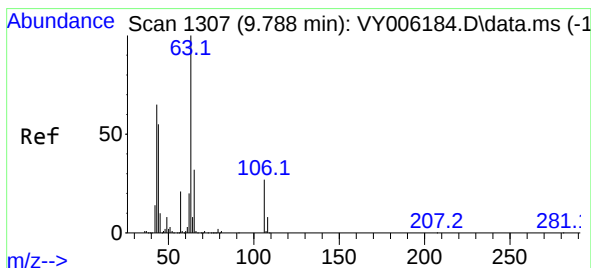
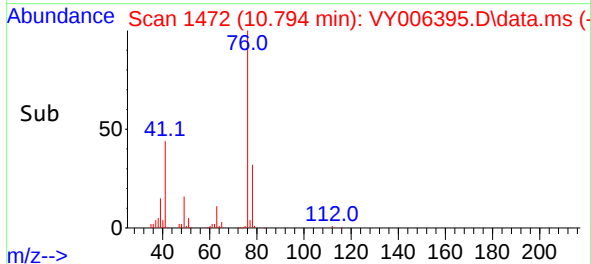
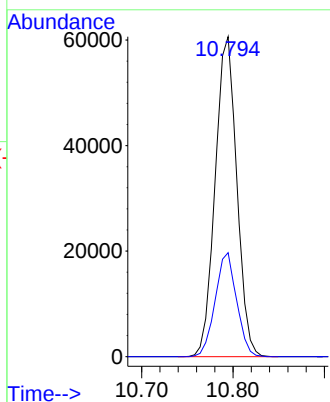
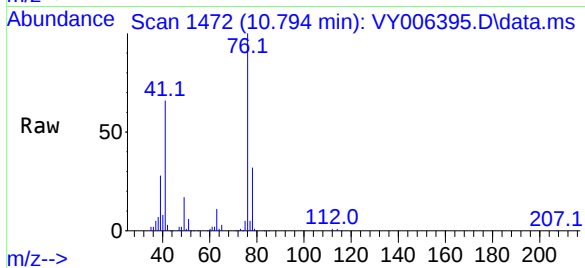




#57  
1,3-Dichloropropane  
Concen: 50.175 ug/l  
RT: 10.794 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

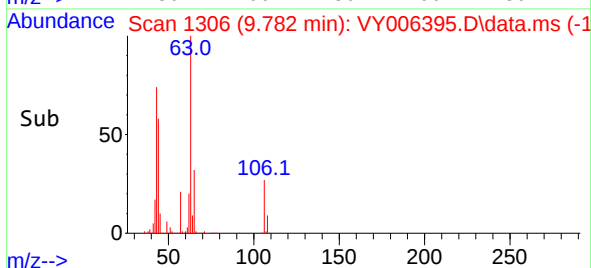
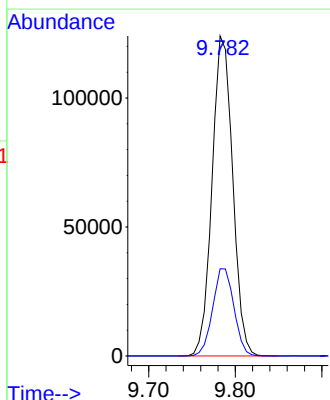
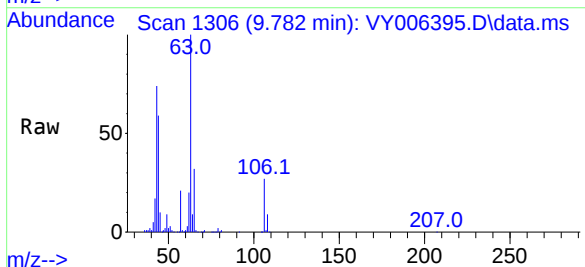
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

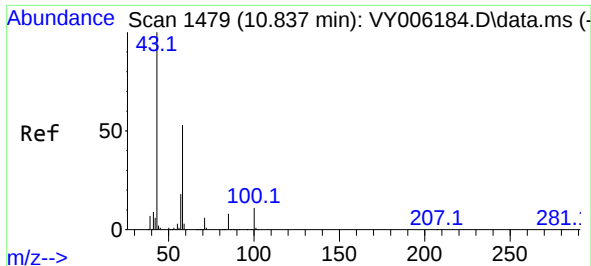
Tgt Ion: 76 Resp: 99643  
Ion Ratio Lower Upper  
76 100  
78 32.2 25.0 37.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 250.974 ug/l  
RT: 9.782 min Scan# 1306  
Delta R.T. -0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 63 Resp: 205134  
Ion Ratio Lower Upper  
63 100  
106 28.1 21.5 32.3

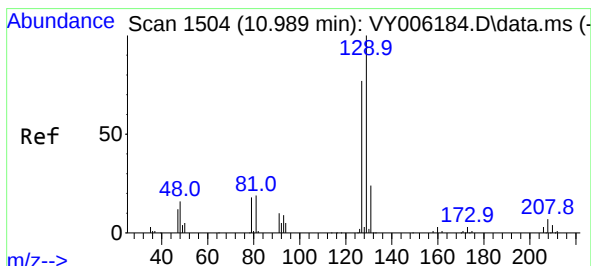
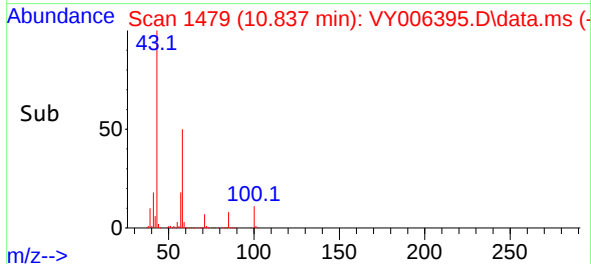
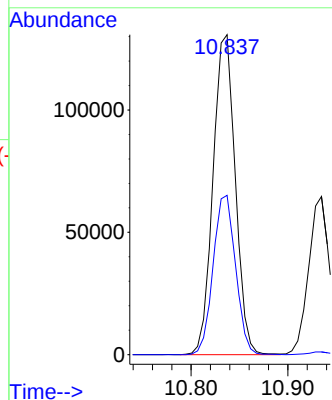
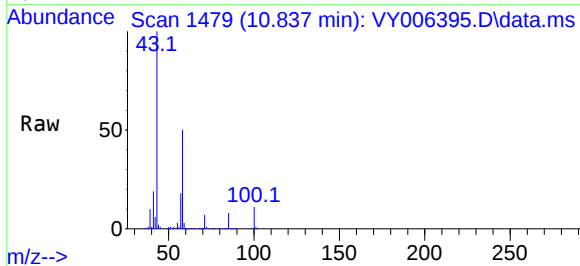




#59  
2-Hexanone  
Concen: 240.846 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

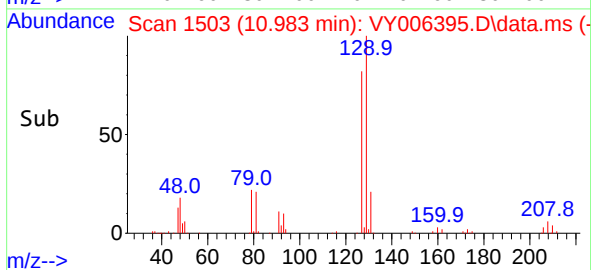
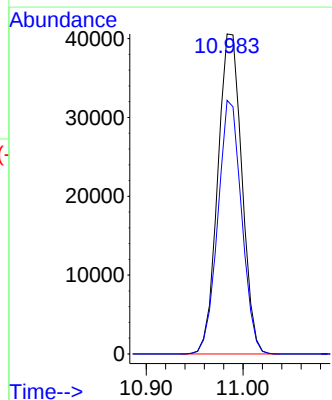
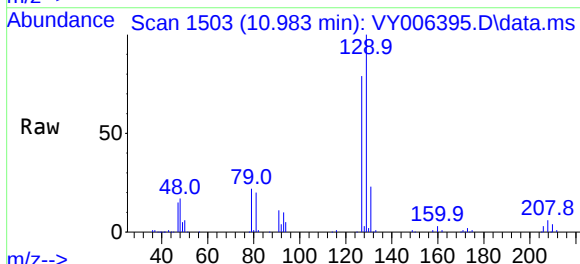
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

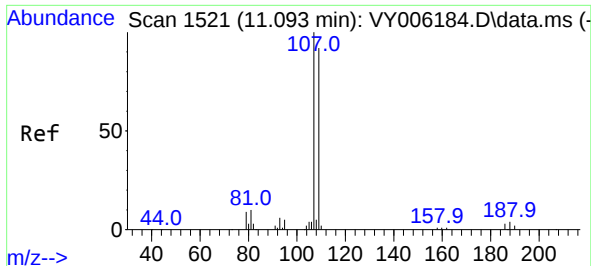
Tgt Ion: 43 Resp: 208713  
Ion Ratio Lower Upper  
43 100  
58 50.2 24.4 73.4



#60  
Dibromochloromethane  
Concen: 52.642 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. -0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 129 Resp: 70193  
Ion Ratio Lower Upper  
129 100  
127 78.0 38.7 116.1

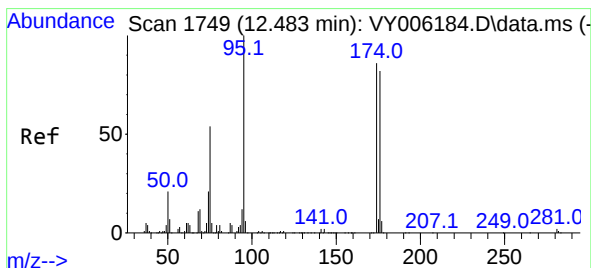
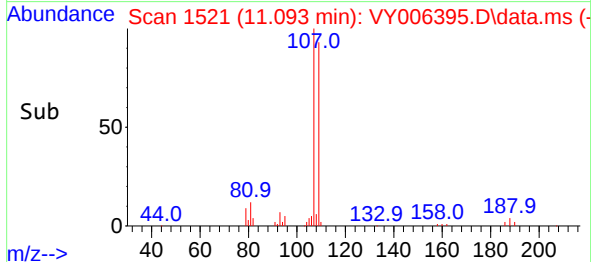
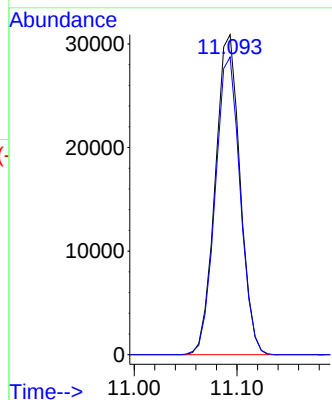
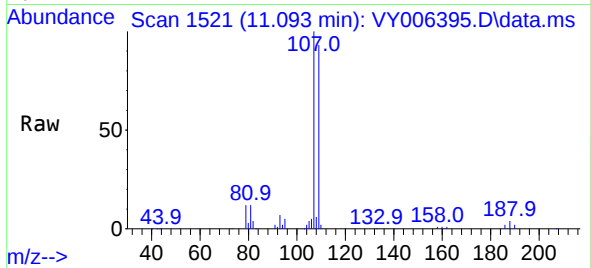




#61  
1,2-Dibromoethane  
Concen: 49.784 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

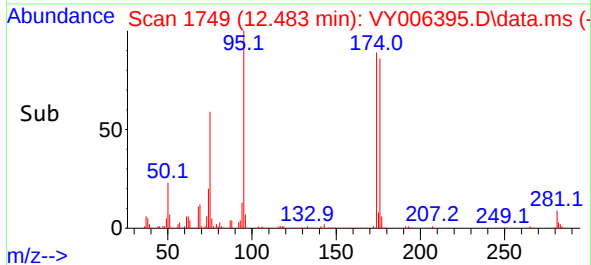
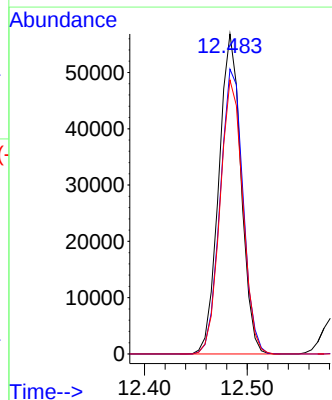
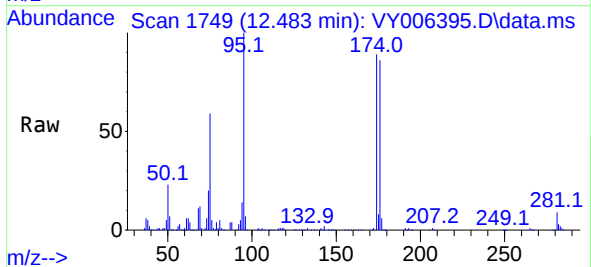
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

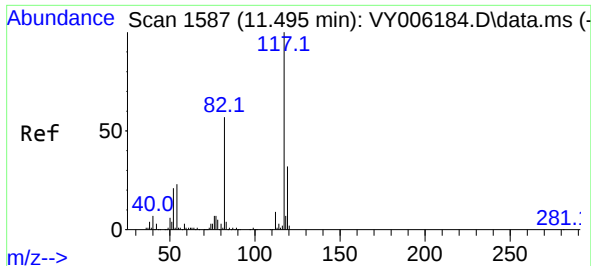
Tgt Ion:107 Resp: 51733  
Ion Ratio Lower Upper  
107 100  
109 93.5 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 53.182 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 95 Resp: 85151  
Ion Ratio Lower Upper  
95 100  
174 91.4 0.0 177.0  
176 87.3 0.0 175.8



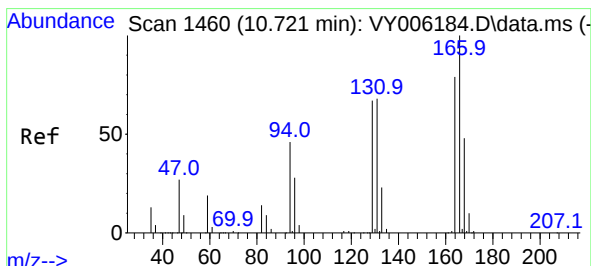
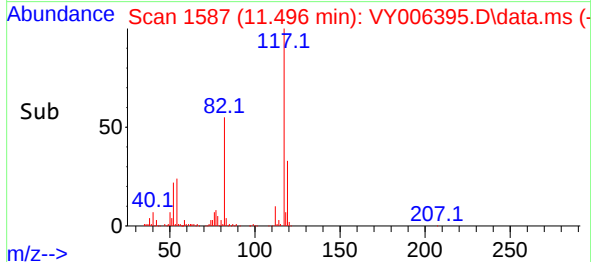
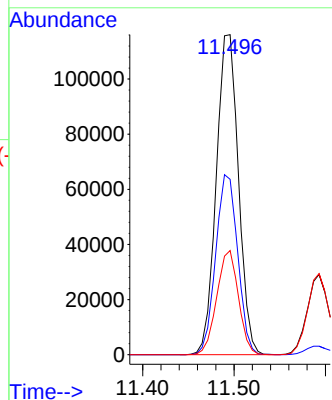
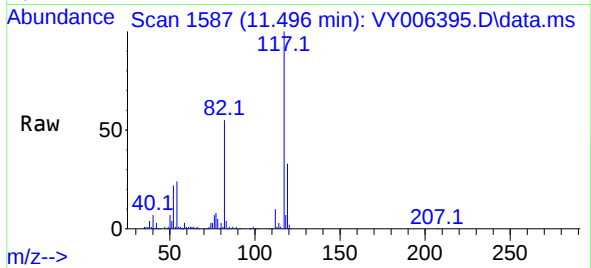


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:117 Resp: 196104

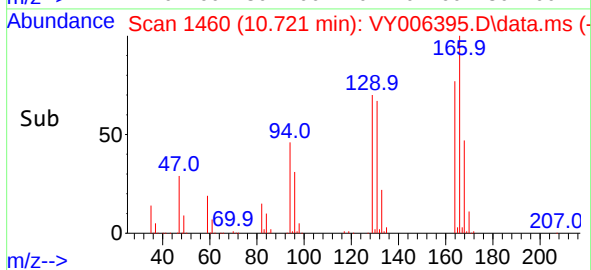
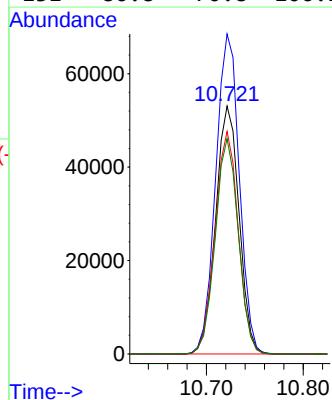
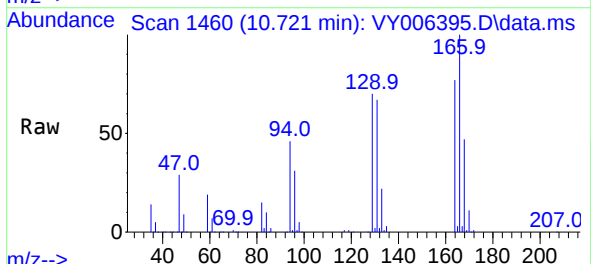
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 54.8  | 43.0  | 64.4  |
| 119 | 32.5  | 25.4  | 38.0  |

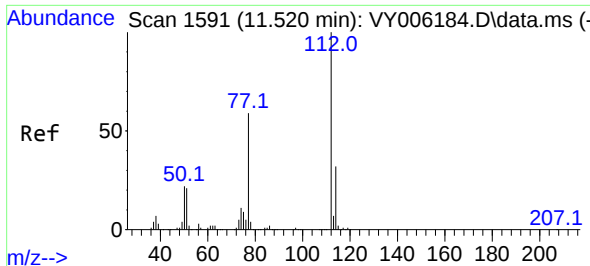


#64  
Tetrachloroethene  
Concen: 56.640 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion:164 Resp: 89453

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 129.1 | 100.4 | 150.6 |
| 129 | 89.8  | 71.4  | 107.0 |
| 131 | 86.8  | 70.8  | 106.2 |

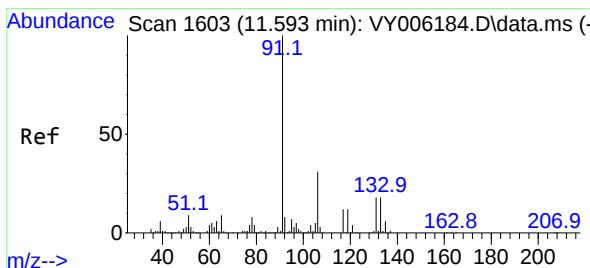
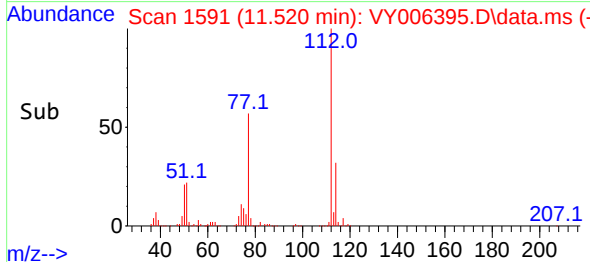
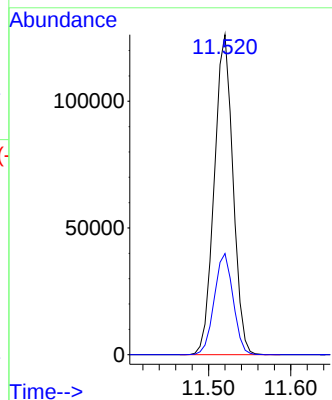
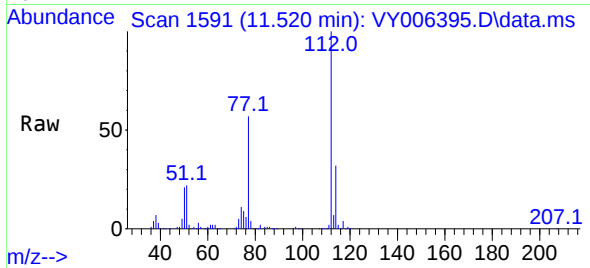




#65  
Chlorobenzene  
Concen: 51.270 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

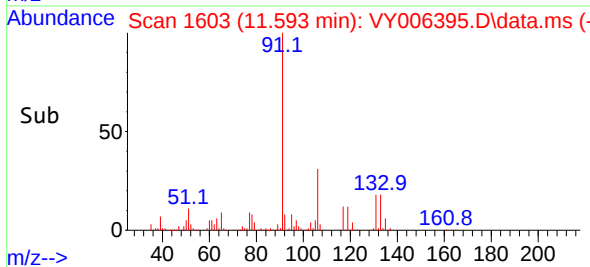
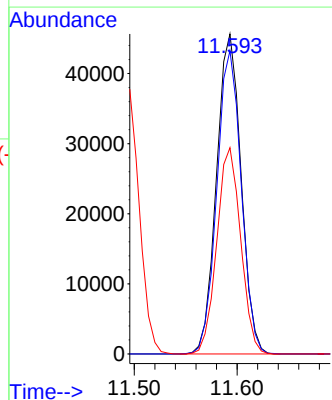
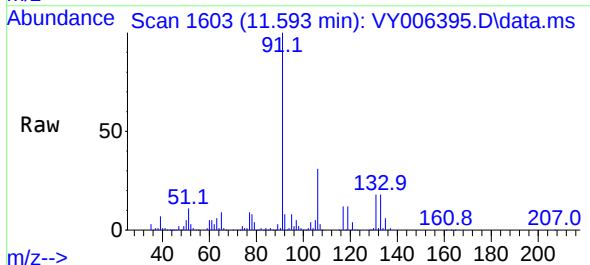
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

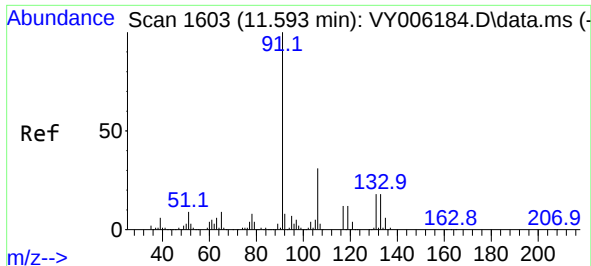
Tgt Ion:112 Resp: 199211  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.748 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion:131 Resp: 75530  
Ion Ratio Lower Upper  
131 100  
133 94.2 47.9 143.6  
119 62.8 30.8 92.3

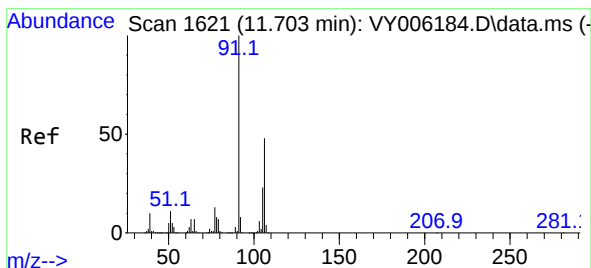
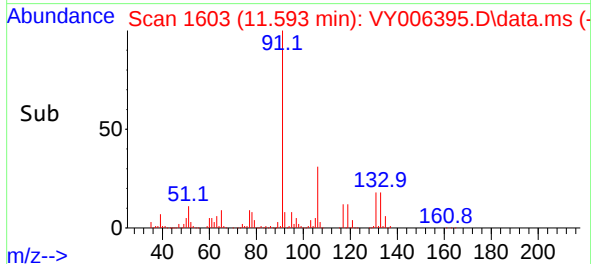
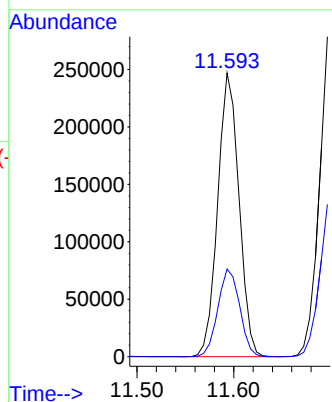
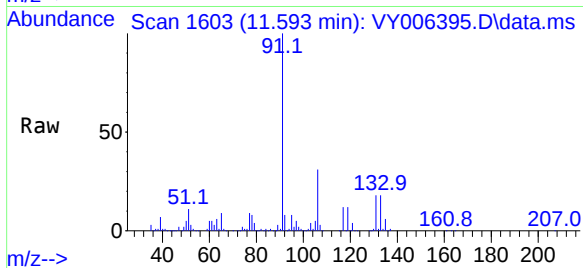




#67  
Ethyl Benzene  
Concen: 51.431 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

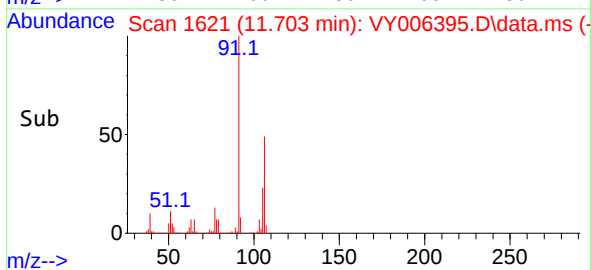
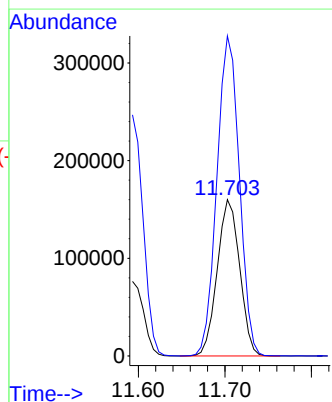
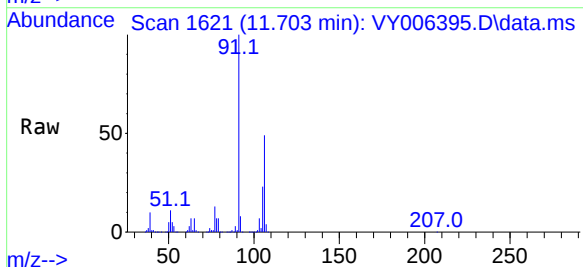
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

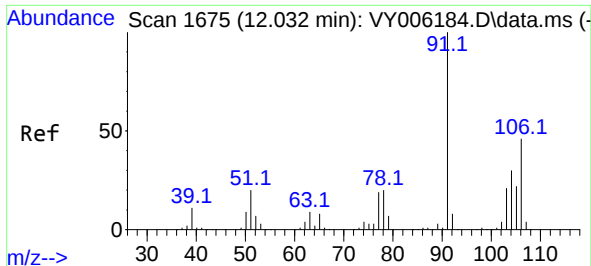
Tgt Ion: 91 Resp: 376689  
Ion Ratio Lower Upper  
91 100  
106 30.9 24.5 36.7



#68  
m/p-Xylenes  
Concen: 103.641 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 106 Resp: 288052  
Ion Ratio Lower Upper  
106 100  
91 204.8 166.6 249.8

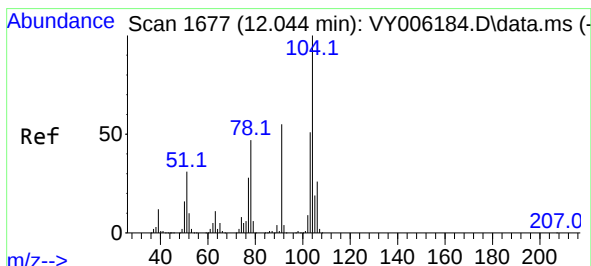
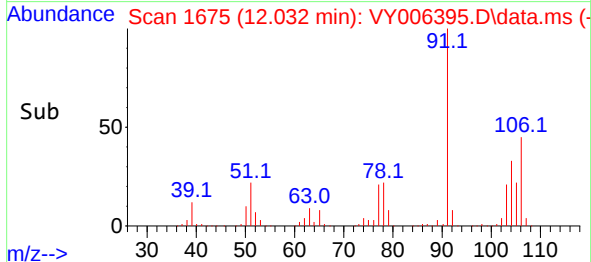
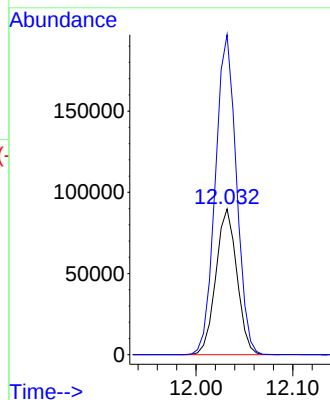
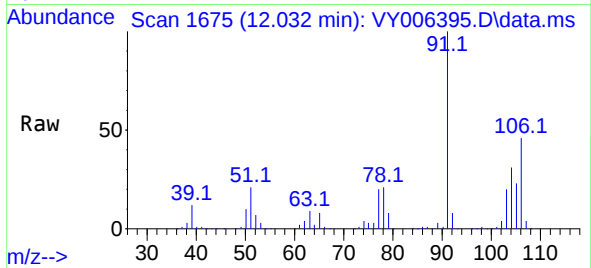




#69  
o-Xylene  
Concen: 51.669 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

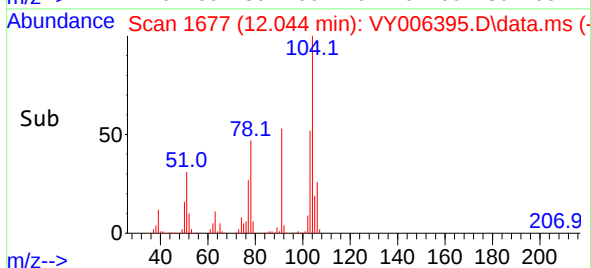
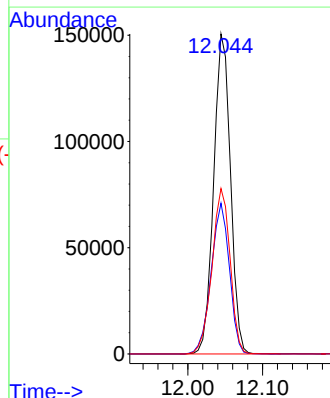
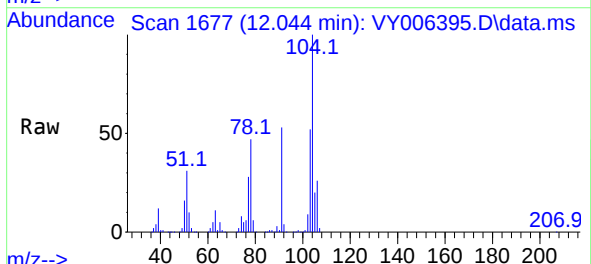
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

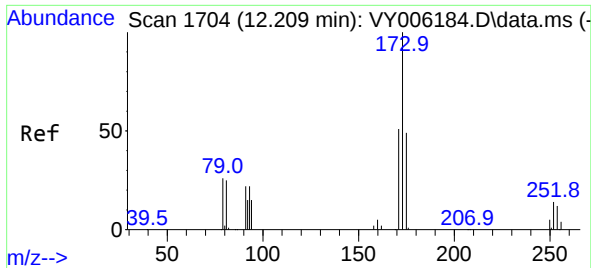
Tgt Ion:106 Resp: 135627  
Ion Ratio Lower Upper  
106 100  
91 219.6 110.3 331.0



#70  
Styrene  
Concen: 52.750 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion:104 Resp: 235144  
Ion Ratio Lower Upper  
104 100  
78 51.2 42.4 63.6  
103 55.9 44.4 66.6

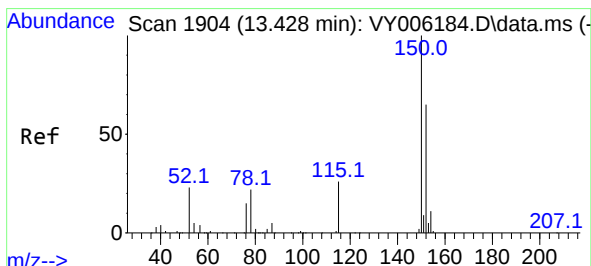
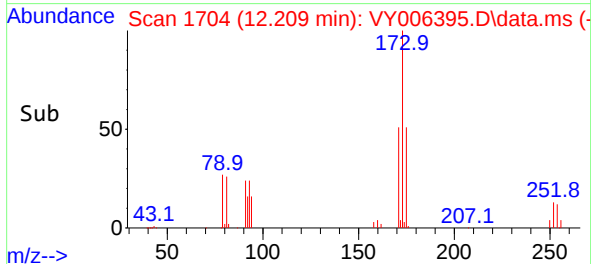
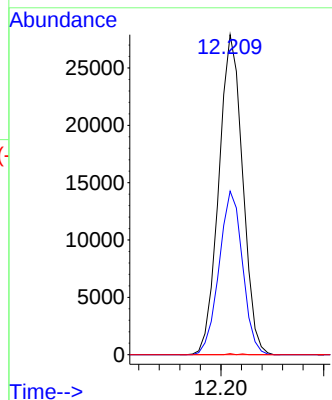
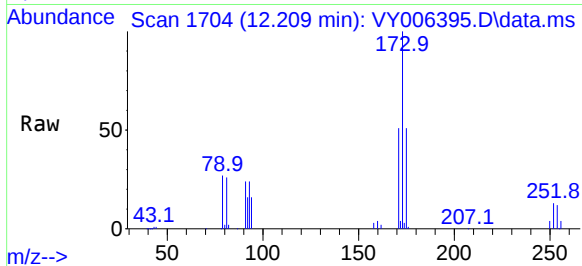




#71  
Bromoform  
Concen: 50.428 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

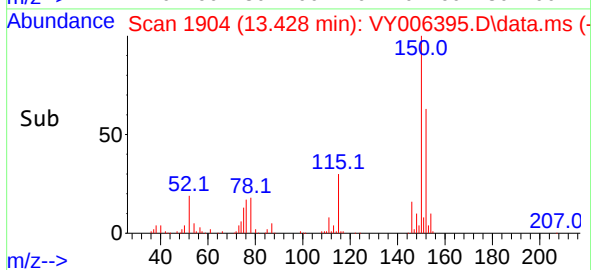
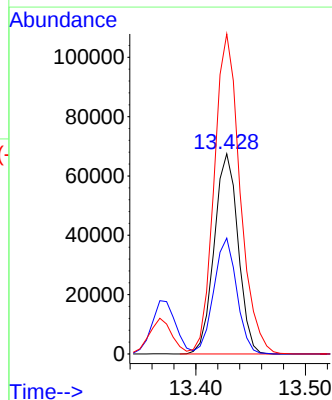
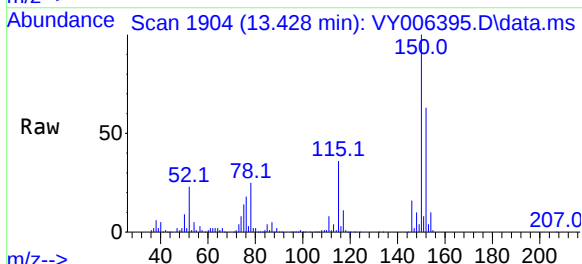
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

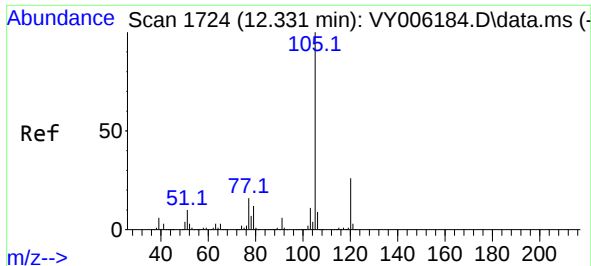
Tgt Ion:173 Resp: 44905  
Ion Ratio Lower Upper  
173 100  
175 50.2 24.6 74.0  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion:152 Resp: 102195  
Ion Ratio Lower Upper  
152 100  
115 55.7 28.2 84.7  
150 173.3 0.0 347.6

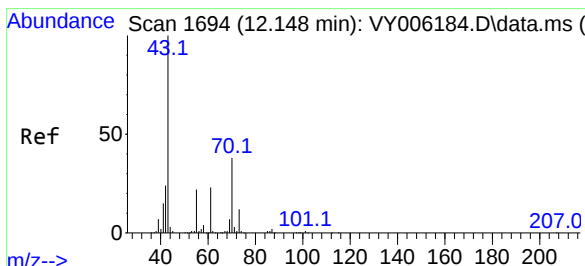
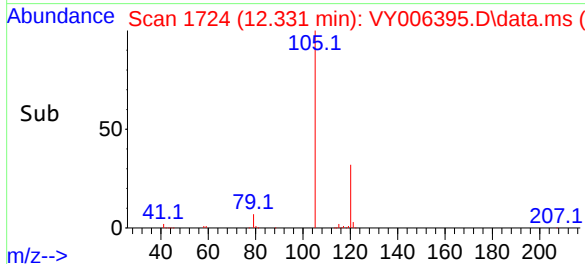
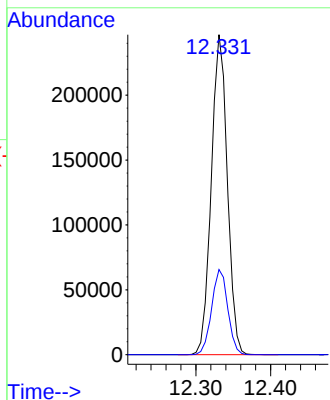
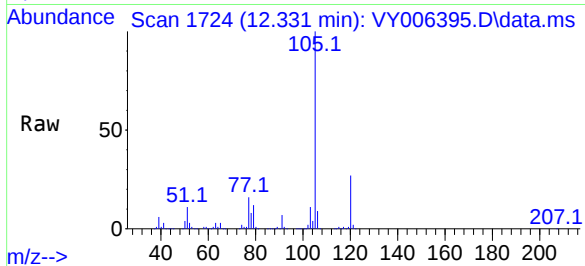




#73  
Isopropylbenzene  
Concen: 50.267 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

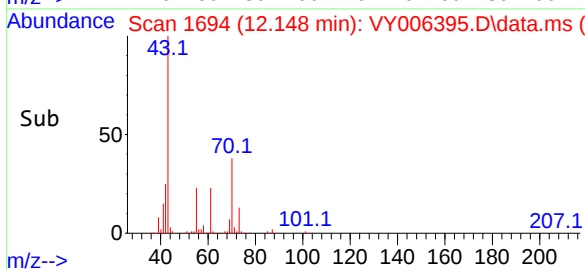
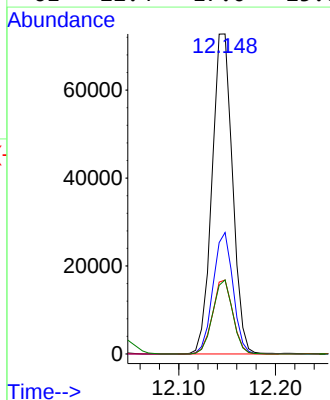
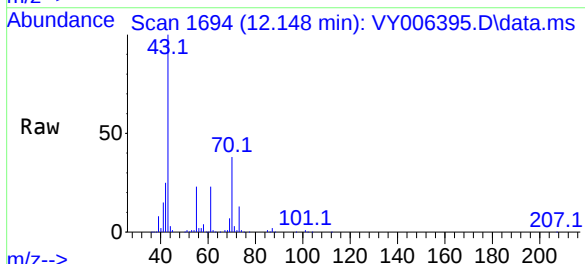
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

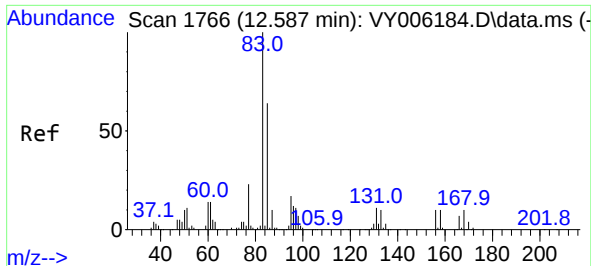
Tgt Ion:105 Resp: 367969  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.4 40.2



#74  
N-ethyl acetate  
Concen: 47.148 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 43 Resp: 107126  
Ion Ratio Lower Upper  
43 100  
70 37.0 28.7 43.1  
55 22.8 17.3 25.9  
61 22.4 17.0 25.6

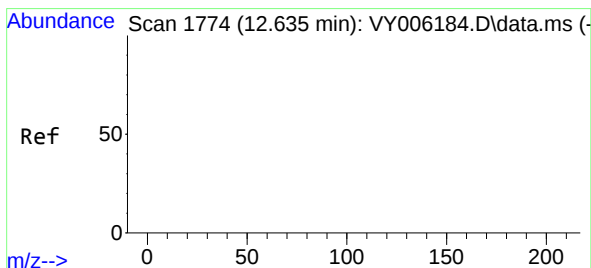
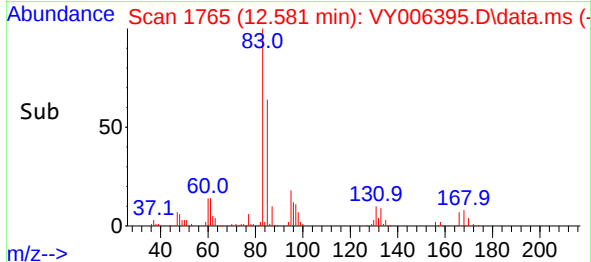
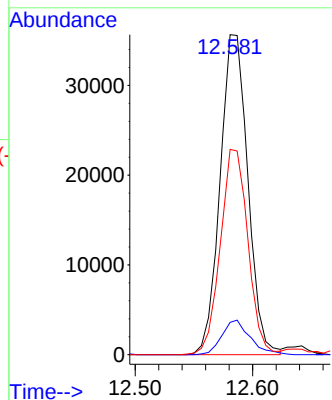
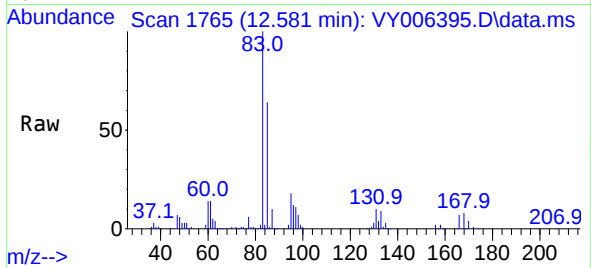




#75  
1,1,2,2-Tetrachloroethane  
Concen: 44.290 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.006 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

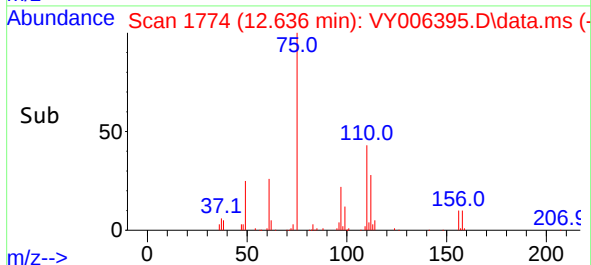
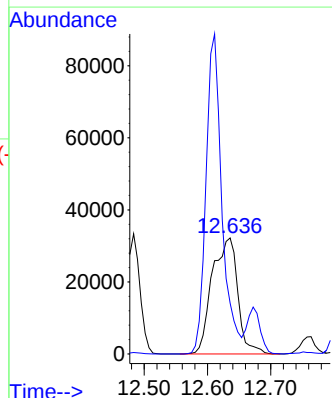
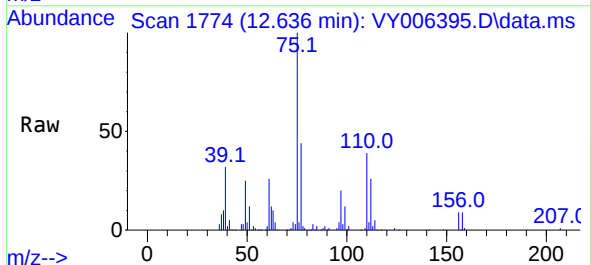
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 58554  
Ion Ratio Lower Upper  
83 100  
131 11.0 5.6 16.8  
85 63.8 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 91.039 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 75 Resp: 90428  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

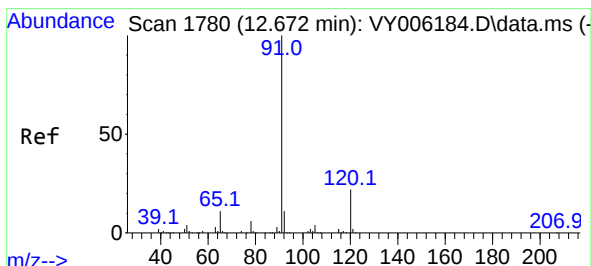
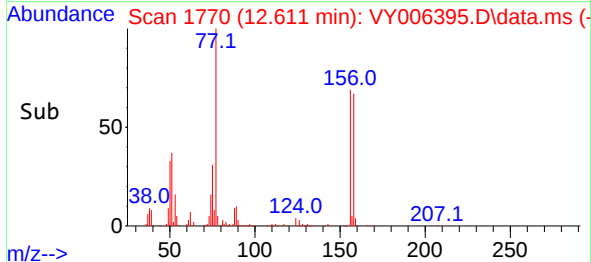
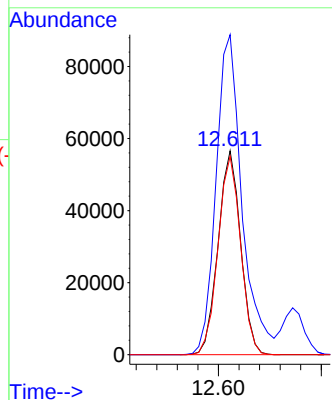
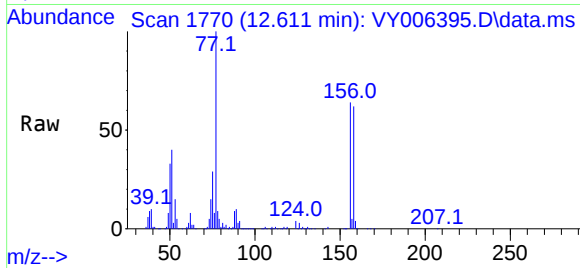




#77  
Bromobenzene  
Concen: 50.033 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

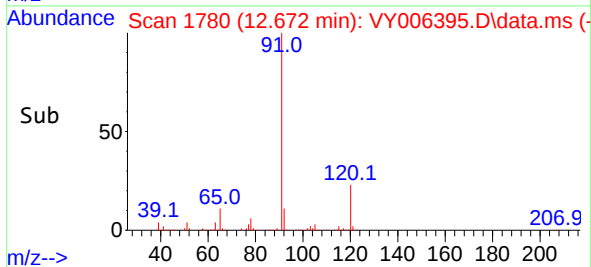
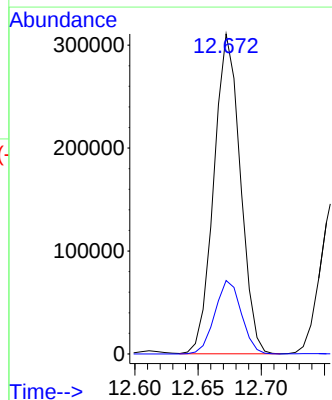
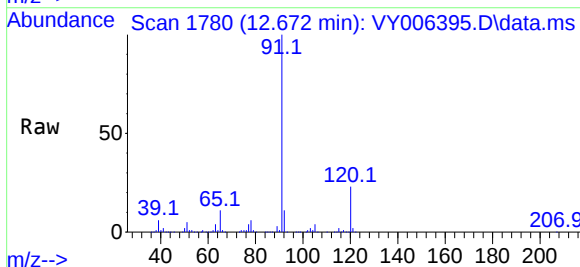
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

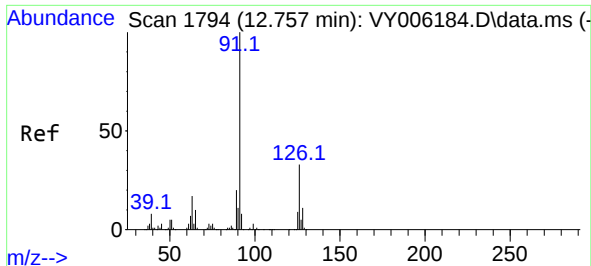
Tgt Ion:156 Resp: 85873  
Ion Ratio Lower Upper  
156 100  
77 181.2 95.5 286.4  
158 97.4 48.0 144.0



#78  
n-propylbenzene  
Concen: 50.126 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 91 Resp: 451677  
Ion Ratio Lower Upper  
91 100  
120 23.0 11.3 33.9

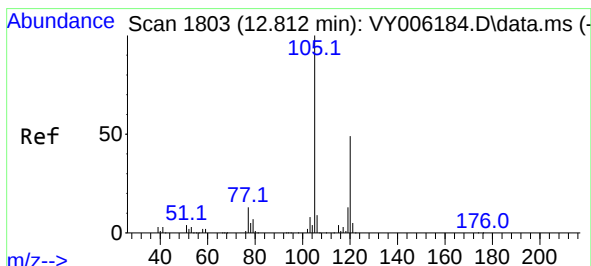
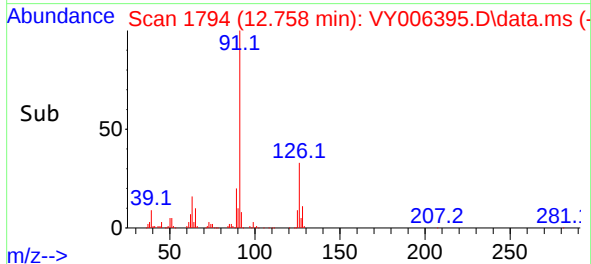
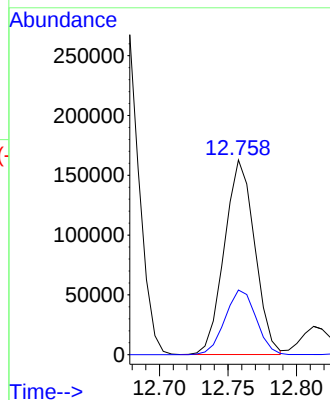
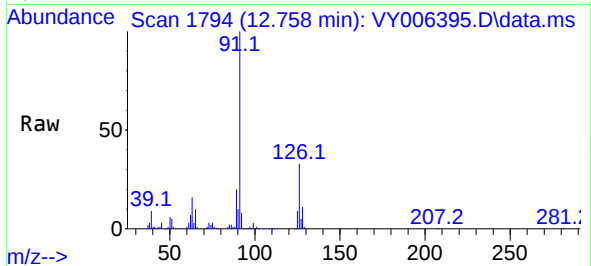




#79  
2-Chlorotoluene  
Concen: 50.406 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

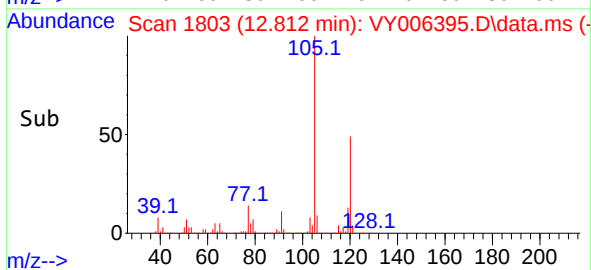
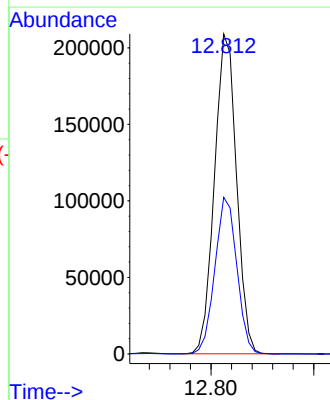
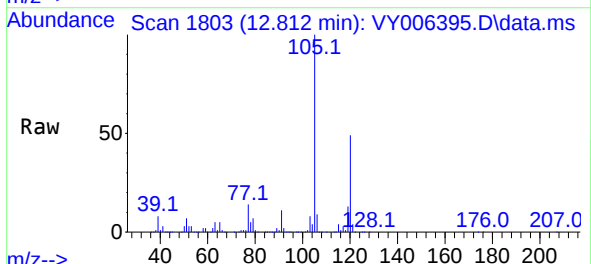
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

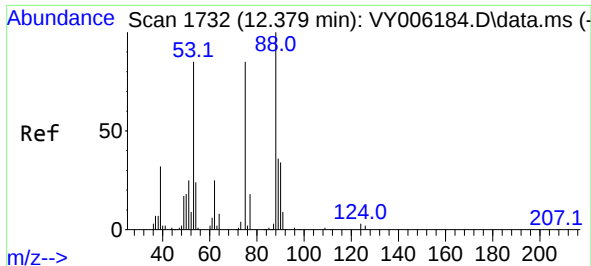
Tgt Ion: 91 Resp: 251340  
Ion Ratio Lower Upper  
91 100  
126 34.0 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 50.773 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 105 Resp: 310788  
Ion Ratio Lower Upper  
105 100  
120 48.8 24.4 73.4

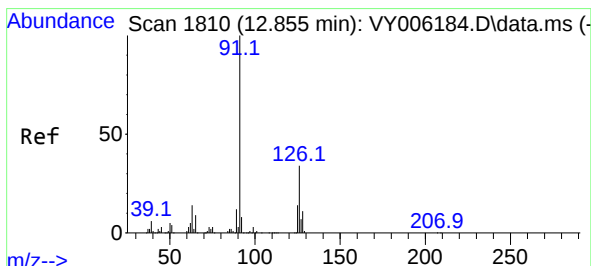
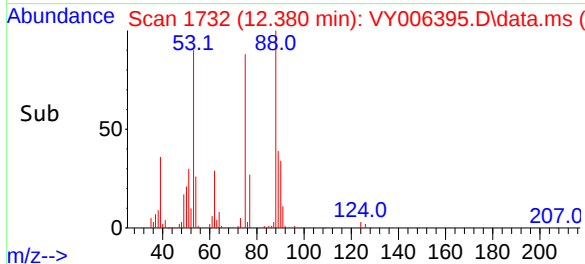
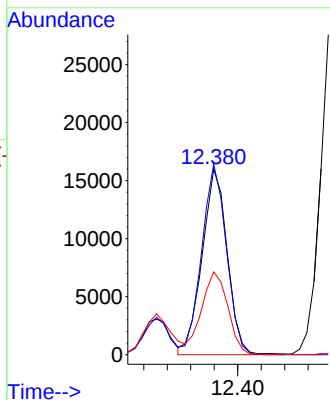
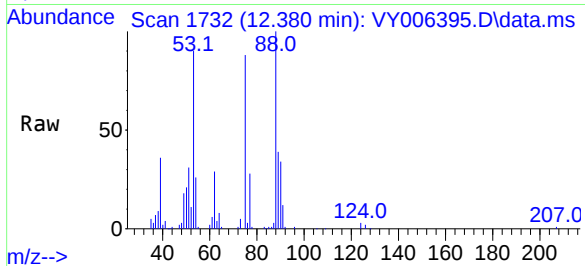




#81  
trans-1,4-Dichloro-2-butene  
Concen: 47.025 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

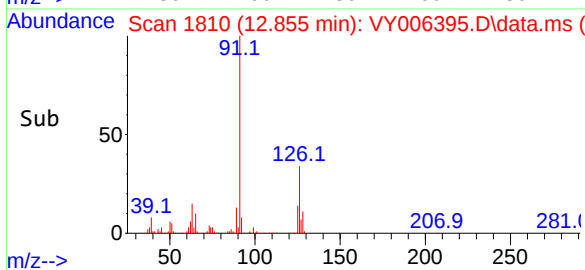
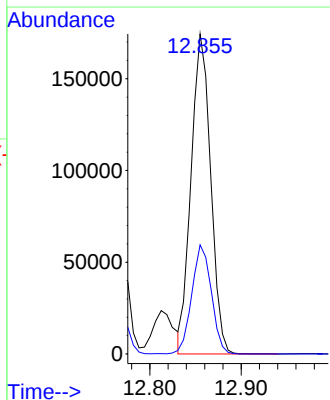
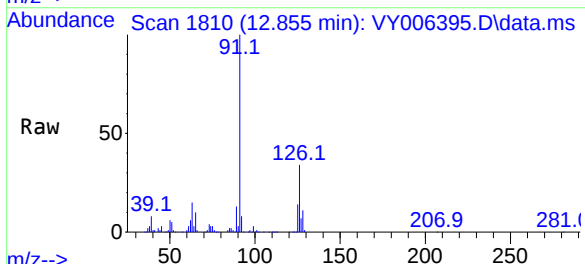
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

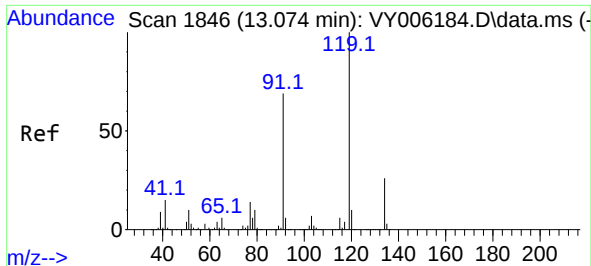
Tgt Ion: 75 Resp: 23769  
Ion Ratio Lower Upper  
75 100  
53 100.2 85.3 127.9  
89 46.5 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 50.293 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion: 91 Resp: 259365  
Ion Ratio Lower Upper  
91 100  
126 34.2 17.0 51.0

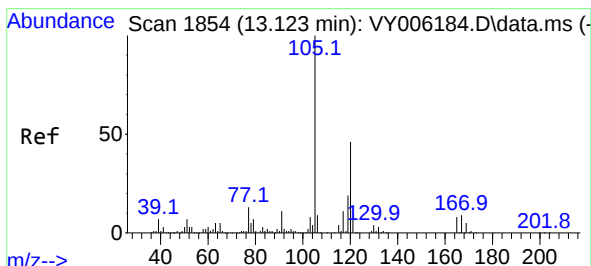
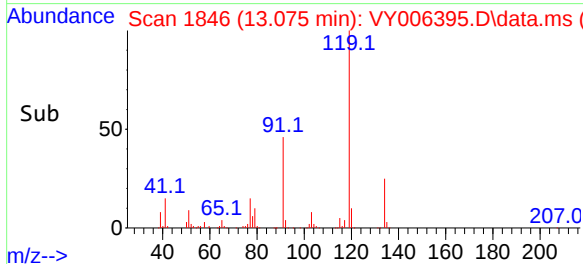
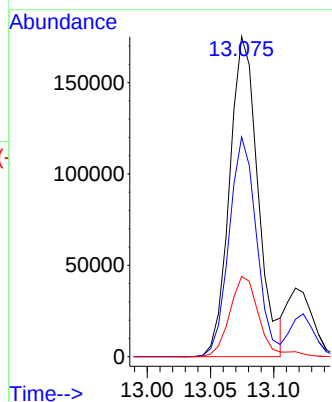
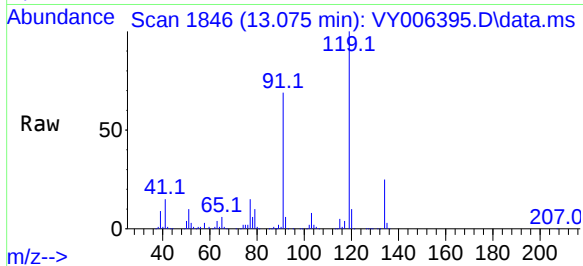




#83  
tert-Butylbenzene  
Concen: 52.474 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

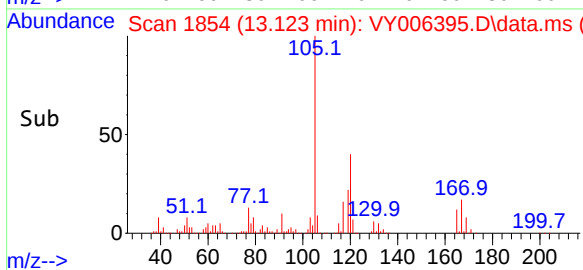
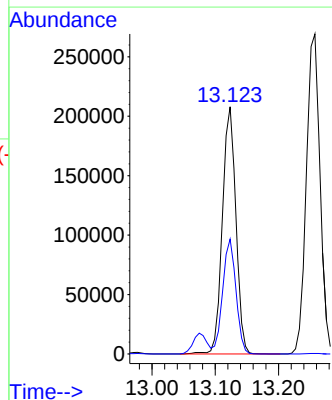
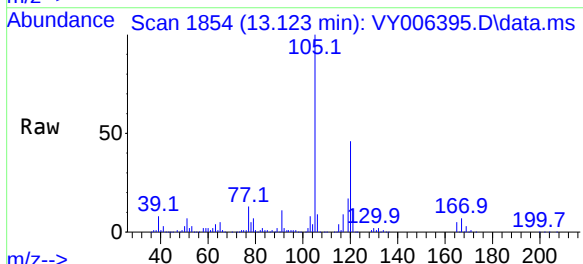
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

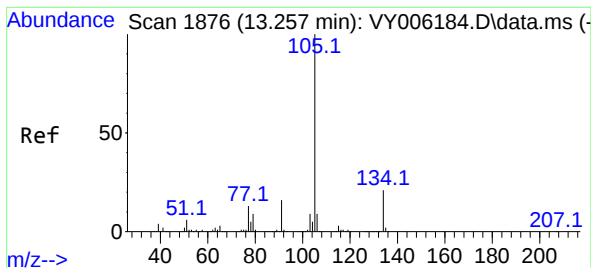
Tgt Ion:119 Resp: 274602  
Ion Ratio Lower Upper  
119 100  
91 66.2 34.8 104.4  
134 25.8 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 50.784 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

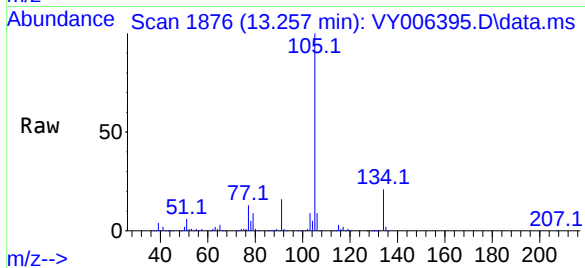
Tgt Ion:105 Resp: 306946  
Ion Ratio Lower Upper  
105 100  
120 45.6 22.3 66.9



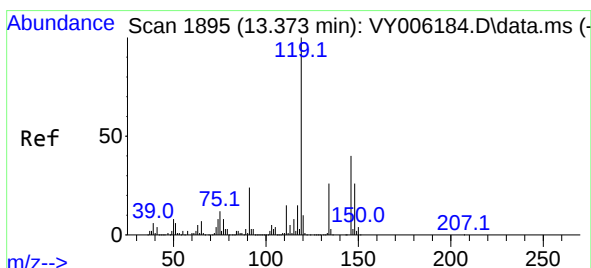
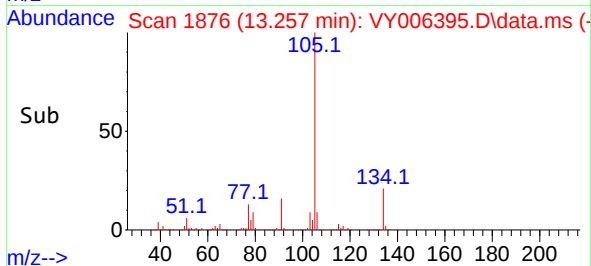
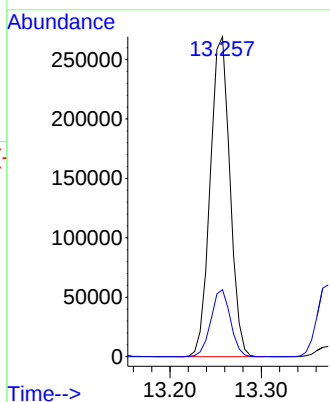


#85  
 sec-Butylbenzene  
 Concen: 50.944 ug/l  
 RT: 13.257 min Scan# 1876  
 Delta R.T. 0.000 min  
 Lab File: VY006395.D  
 Acq: 14 Oct 2021 15:37

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

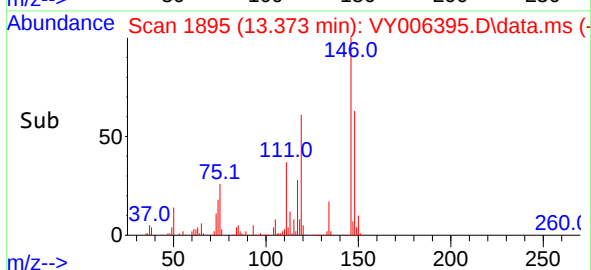
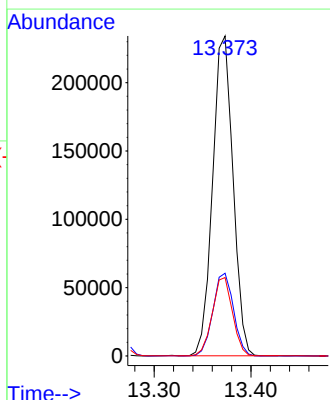
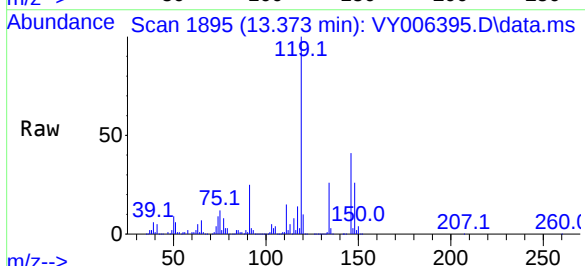


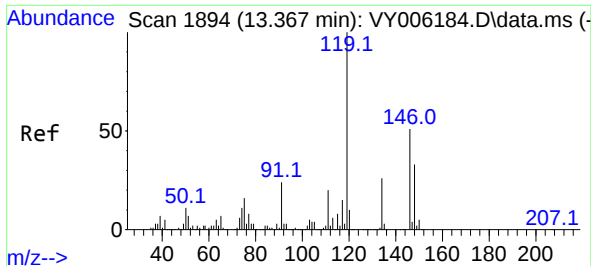
Tgt Ion:105 Resp: 402885  
 Ion Ratio Lower Upper  
 105 100  
 134 20.7 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 51.364 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.000 min  
 Lab File: VY006395.D  
 Acq: 14 Oct 2021 15:37

Tgt Ion:119 Resp: 342782  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 13.2 39.5  
 91 24.2 12.4 37.2

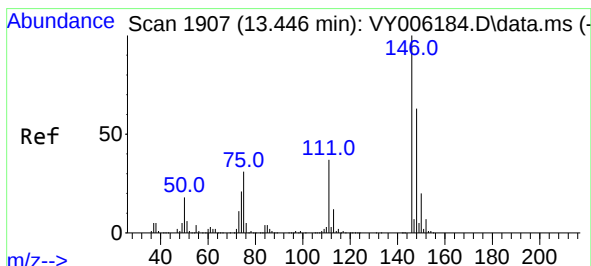
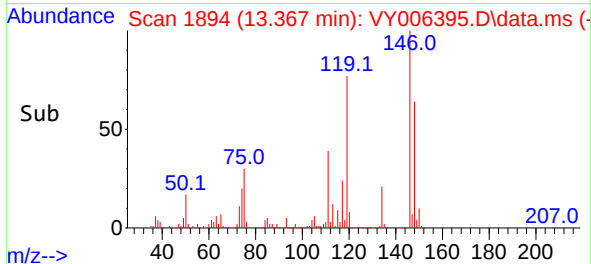
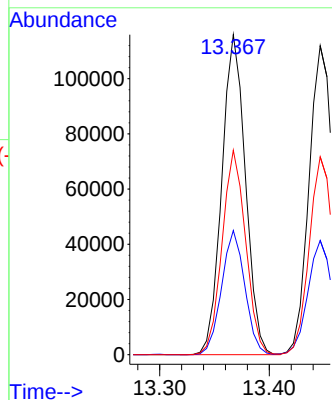
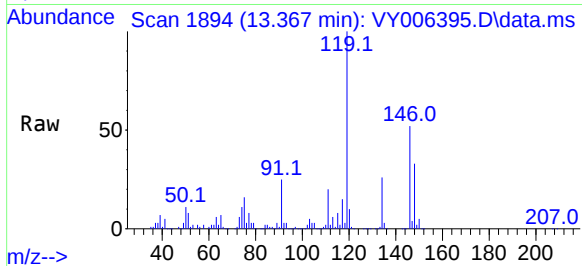




#87  
1,3-Dichlorobenzene  
Concen: 51.063 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

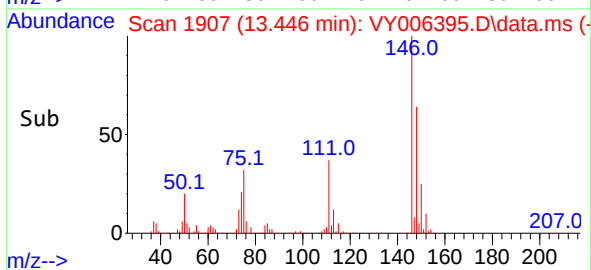
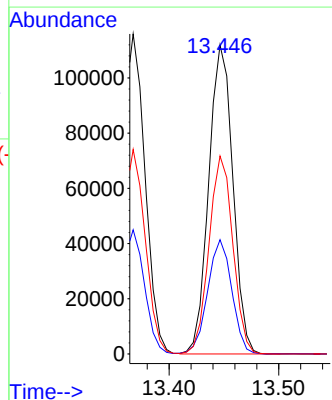
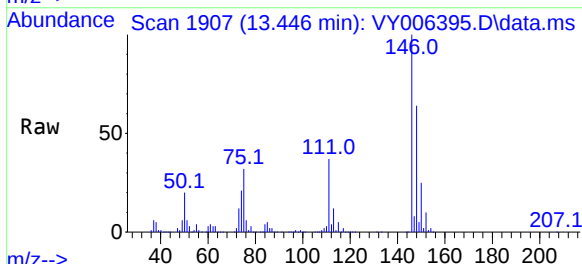
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

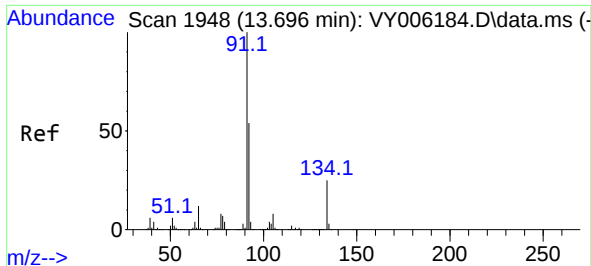
Tgt Ion:146 Resp: 173639  
Ion Ratio Lower Upper  
146 100  
111 38.2 19.5 58.5  
148 63.7 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 51.144 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion:146 Resp: 171483  
Ion Ratio Lower Upper  
146 100  
111 36.9 19.3 57.8  
148 63.4 32.6 97.8

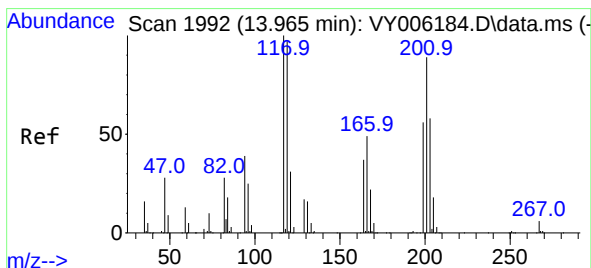
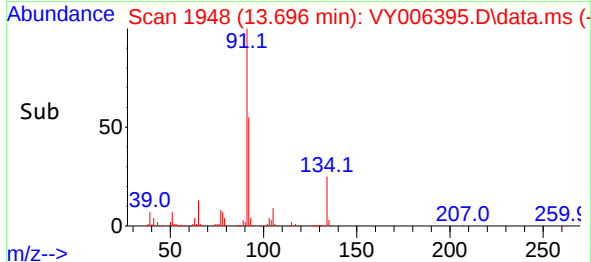
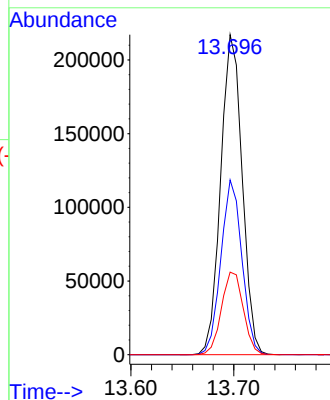
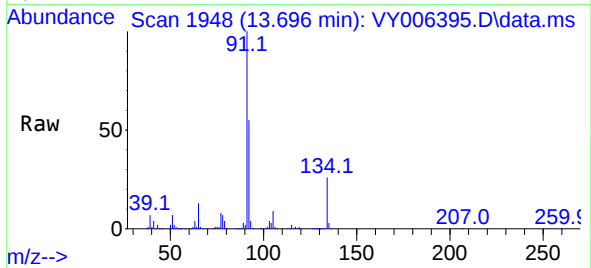




#89  
n-Butylbenzene  
Concen: 49.651 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

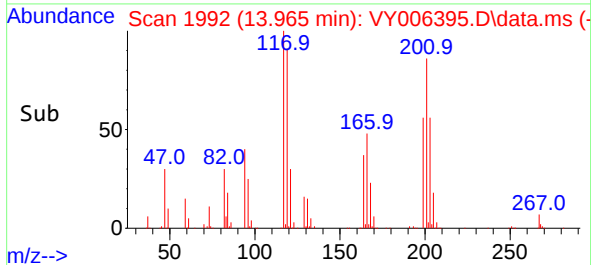
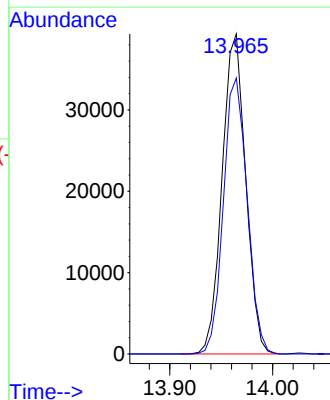
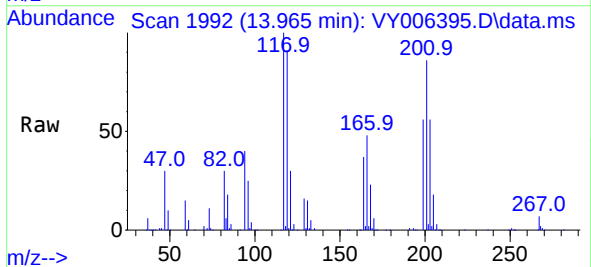
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

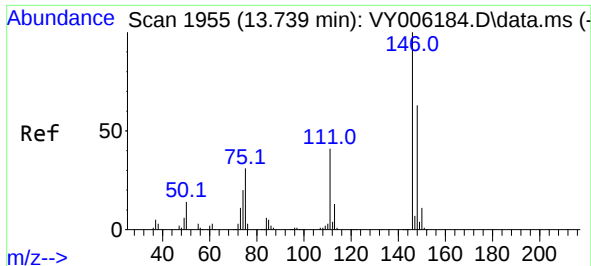
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 314848 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 53.5  | 26.3  | 78.9   |
| 134      | 26.3  | 13.0  | 38.9   |



#90  
Hexachloroethane  
Concen: 51.749 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 62717 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 87.0  | 43.0  | 128.8 |

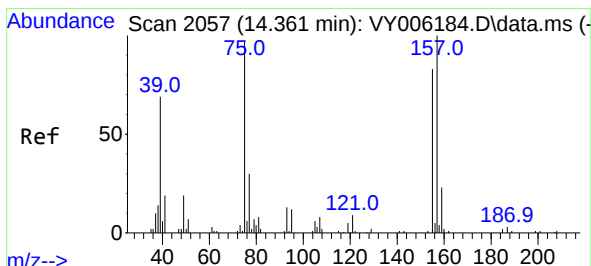
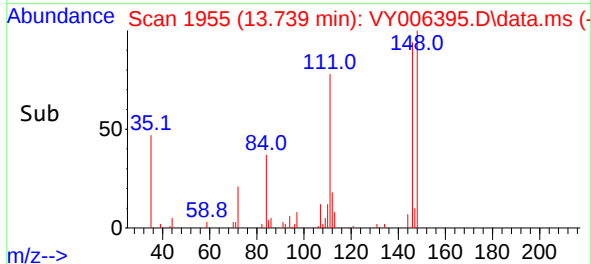
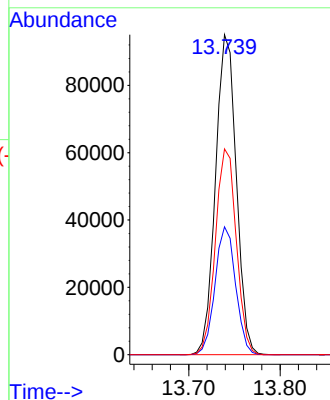
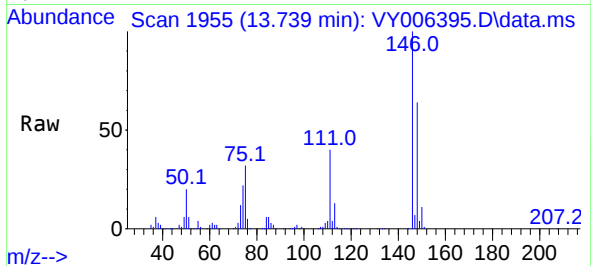




#91  
1,2-Dichlorobenzene  
Concen: 50.514 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

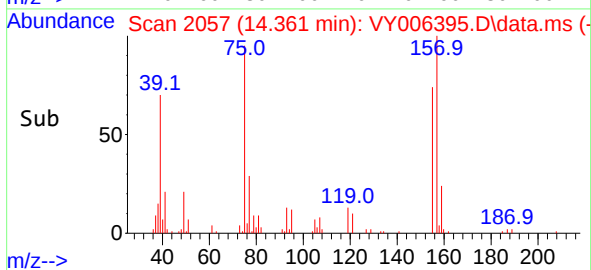
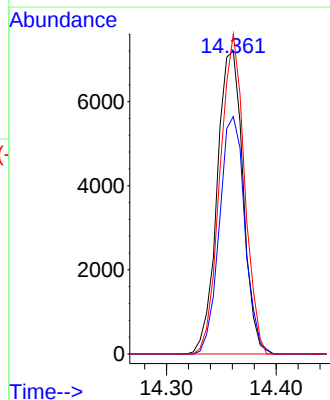
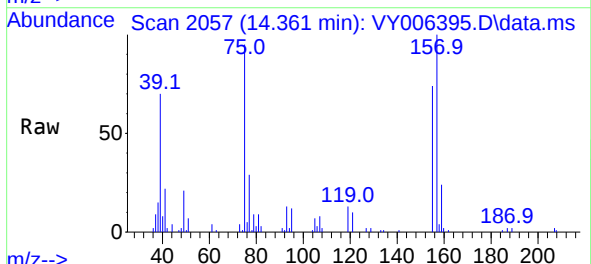
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

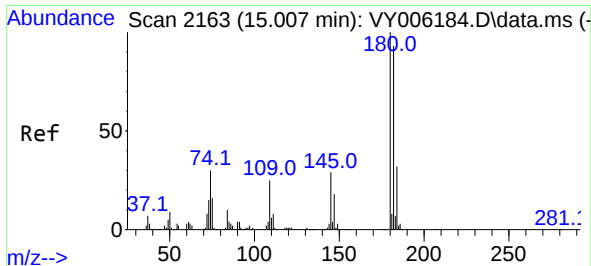
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 150204 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 39.6  | 20.3  | 60.9   |
| 148      | 64.7  | 32.3  | 96.9   |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 46.956 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 11827 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 76.7  | 38.0  | 113.9 |
| 157      | 99.7  | 47.8  | 143.3 |

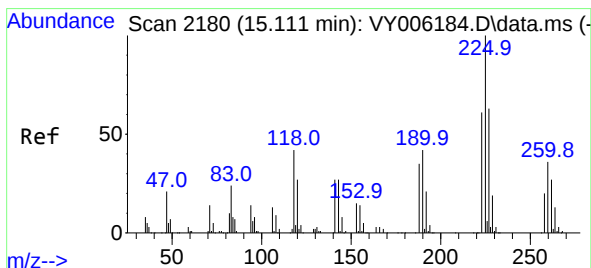
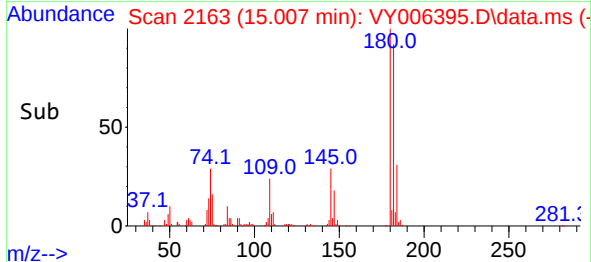
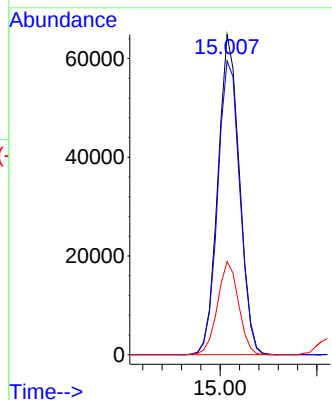
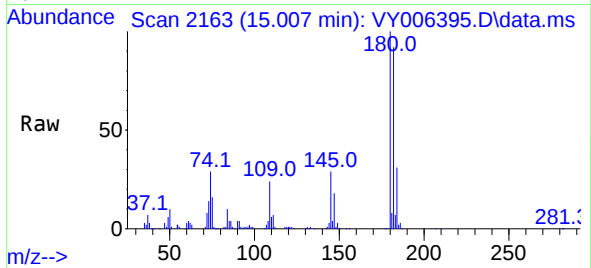




#93  
1,2,4-Trichlorobenzene  
Concen: 51.006 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

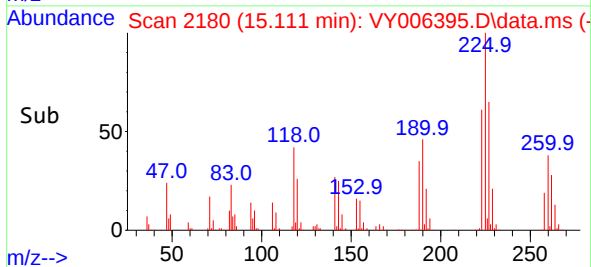
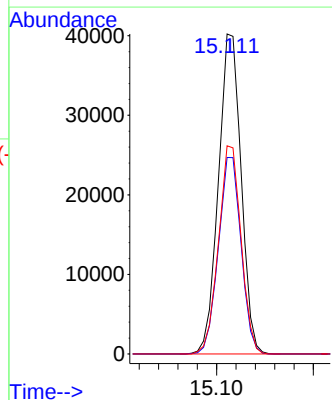
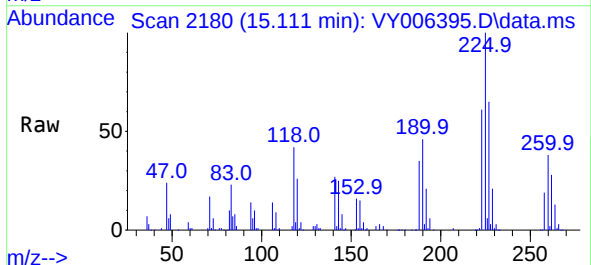
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

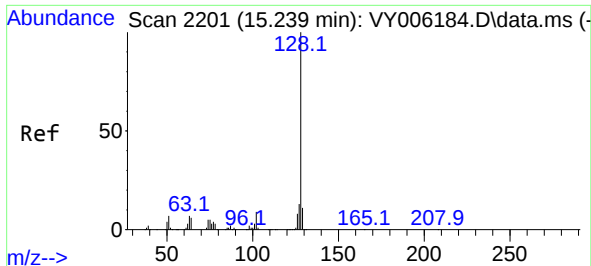
Tgt Ion:180 Resp: 100222  
Ion Ratio Lower Upper  
180 100  
182 94.3 47.3 141.9  
145 28.4 14.6 43.8



#94  
Hexachlorobutadiene  
Concen: 51.047 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion:225 Resp: 65435  
Ion Ratio Lower Upper  
225 100  
223 61.2 30.8 92.3  
227 64.5 31.6 94.7

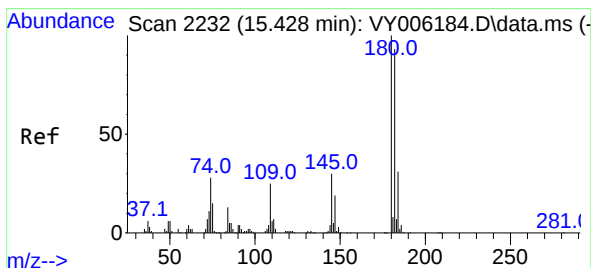
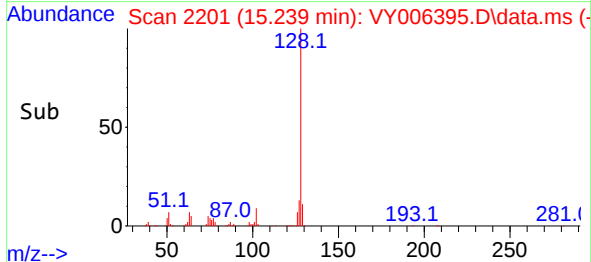
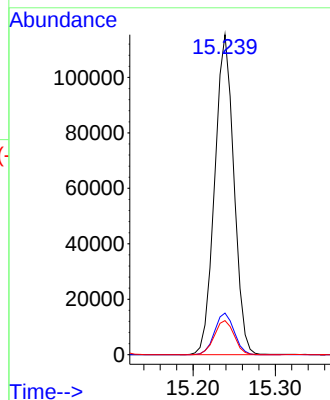
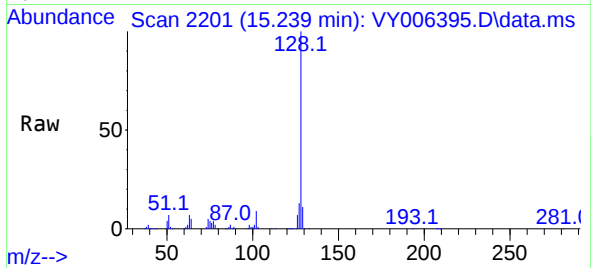




#95  
Naphthalene  
Concen: 47.813 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 186656  
Ion Ratio Lower Upper  
128 100  
127 13.3 11.0 16.4  
129 11.1 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 50.517 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.000 min  
Lab File: VY006395.D  
Acq: 14 Oct 2021 15:37

Tgt Ion:180 Resp: 87977  
Ion Ratio Lower Upper  
180 100  
182 92.7 47.3 141.9  
145 29.5 15.3 45.9

