

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY040522\  
 Data File : VY008221.D  
 Acq On : 05 Apr 2022 19:44  
 Operator : SY/MD  
 Sample : VSTDC0050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Apr 06 04:00:09 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032522S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 26 03:24:51 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 136282   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 232745   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 213988   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 108999   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.142  | 65    | 65612    | 47.986   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 95.980% |
| 35) Dibromofluoromethane    | 7.716  | 113   | 70464    | 48.288   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 96.580% |
| 50) Toluene-d8              | 10.179 | 98    | 262668   | 47.777   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 95.560% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 91943    | 47.403   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 94.800% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 48598  | 39.558  | ug/l   | 99  |
| 3) Chloromethane             | 2.113 | 50  | 70778  | 47.311  | ug/l   | 95  |
| 4) Vinyl Chloride            | 2.247 | 62  | 93792  | 47.120  | ug/l   | 97  |
| 5) Bromomethane              | 2.649 | 94  | 82596  | 50.633  | ug/l   | 96  |
| 6) Chloroethane              | 2.790 | 64  | 65710  | 50.186  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.125 | 101 | 105092 | 41.738  | ug/l   | 94  |
| 8) Diethyl Ether             | 3.527 | 74  | 37297  | 45.741  | ug/l   | 74  |
| 9) 1,1,2-Trichlorotrifluo... | 3.899 | 101 | 68061  | 43.576  | ug/l   | 92  |
| 10) Methyl Iodide            | 4.088 | 142 | 62489  | 34.788  | ug/l   | 89  |
| 11) Tert butyl alcohol       | 4.948 | 59  | 27772  | 195.765 | ug/l   | 96  |
| 12) 1,1-Dichloroethene       | 3.869 | 96  | 61913  | 42.818  | ug/l # | 77  |
| 13) Acrolein                 | 3.729 | 56  | 19574  | 169.518 | ug/l   | 98  |
| 14) Allyl chloride           | 4.478 | 41  | 84596  | 44.467  | ug/l # | 90  |
| 15) Acrylonitrile            | 5.161 | 53  | 91593  | 235.823 | ug/l   | 98  |
| 16) Acetone                  | 3.942 | 43  | 61250  | 195.982 | ug/l # | 86  |
| 17) Carbon Disulfide         | 4.192 | 76  | 168618 | 41.155  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.472 | 43  | 37599  | 45.084  | ug/l # | 82  |
| 19) Methyl tert-butyl Ether  | 5.216 | 73  | 187262 | 45.571  | ug/l   | 91  |
| 20) Methylene Chloride       | 4.710 | 84  | 80856  | 50.939  | ug/l # | 79  |
| 21) trans-1,2-Dichloroethene | 5.222 | 96  | 76345  | 45.599  | ug/l # | 81  |
| 22) Diisopropyl ether        | 6.112 | 45  | 202471 | 49.468  | ug/l # | 94  |
| 23) Vinyl Acetate            | 6.057 | 43  | 642924 | 253.508 | ug/l # | 86  |
| 24) 1,1-Dichloroethane       | 6.015 | 63  | 129338 | 47.732  | ug/l   | 96  |
| 25) 2-Butanone               | 6.984 | 43  | 106136 | 223.162 | ug/l # | 78  |
| 26) 2,2-Dichloropropane      | 6.984 | 77  | 111898 | 43.606  | ug/l   | 92  |
| 27) cis-1,2-Dichloroethene   | 6.984 | 96  | 91435  | 47.116  | ug/l   | 81  |
| 28) Bromochloromethane       | 7.332 | 49  | 34984  | 48.712  | ug/l # | 68  |
| 29) Tetrahydrofuran          | 7.344 | 42  | 70731  | 228.753 | ug/l # | 72  |
| 30) Chloroform               | 7.502 | 83  | 142486 | 48.563  | ug/l   | 99  |
| 31) Cyclohexane              | 7.783 | 56  | 105820 | 41.404  | ug/l # | 81  |
| 32) 1,1,1-Trichloroethane    | 7.703 | 97  | 124183 | 45.808  | ug/l   | 95  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 104024 | 45.382  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.075 | 43  | 50328  | 47.000  | ug/l # | 92  |
| 38) Carbon Tetrachloride     | 7.899 | 117 | 109340 | 43.771  | ug/l   | 100 |
| 39) Methylcyclohexane        | 9.179 | 83  | 131615 | 42.539  | ug/l # | 84  |
| 40) Benzene                  | 8.161 | 78  | 311985 | 47.582  | ug/l   | 95  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY040522\  
 Data File : VY008221.D  
 Acq On : 05 Apr 2022 19:44  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Apr 06 04:00:09 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032522S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 26 03:24:51 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 66908    | 124.439 | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 85215    | 46.330  | ug/l   | 88       |
| 43) Isopropyl Acetate         | 8.270  | 43   | 94002    | 44.719  | ug/l # | 85       |
| 44) Trichloroethene           | 8.941  | 130  | 86661    | 45.706  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.215  | 63   | 75350    | 48.762  | ug/l   | 96       |
| 46) Dibromomethane            | 9.307  | 93   | 48380    | 47.615  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.496  | 83   | 110255   | 47.454  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.289  | 41   | 40401    | 43.393  | ug/l # | 73       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 12424    | 919.805 | ug/l # | 76       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 247415   | 233.365 | ug/l # | 83       |
| 52) Toluene                   | 10.246 | 92   | 207189   | 48.183  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 110128   | 46.241  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 128261   | 47.574  | ug/l # | 81       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 69340    | 49.423  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 85014    | 46.453  | ug/l # | 73       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 111960   | 48.758  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 162246   | 213.969 | ug/l   | 90       |
| 59) 2-Hexanone                | 10.831 | 43   | 169216   | 228.091 | ug/l   | 79       |
| 60) Dibromochloromethane      | 10.983 | 129  | 81226    | 47.603  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 66306    | 47.452  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 73937    | 44.987  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.514 | 112  | 227756   | 47.204  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 85402    | 47.985  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.593 | 91   | 393545   | 46.537  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.703 | 106  | 316921   | 94.246  | ug/l   | 90       |
| 69) o-Xylene                  | 12.032 | 106  | 152837   | 47.470  | ug/l   | 89       |
| 70) Styrene                   | 12.044 | 104  | 258134   | 48.976  | ug/l   | 93       |
| 71) Bromoform                 | 12.209 | 173  | 50353    | 46.859  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.331 | 105  | 401893   | 44.670  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.142 | 43   | 83096    | 42.016  | ug/l # | 79       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 80267    | 45.900  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.635 | 75   | 96888    | 72.919  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 94590    | 45.828  | ug/l   | 90       |
| 78) n-propylbenzene           | 12.672 | 91   | 470982   | 44.381  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 263622   | 44.781  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 329786   | 44.744  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 24435    | 41.031  | ug/l # | 83       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 273219   | 45.232  | ug/l   | 95       |
| 83) tert-Butylbenzene         | 13.074 | 119  | 297944   | 45.373  | ug/l   | 91       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 325961   | 45.414  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 433576   | 44.734  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 366720   | 45.463  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 192465   | 47.033  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 191250   | 46.864  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.696 | 91   | 322884   | 43.506  | ug/l   | 97       |
| 90) Hexachloroethane          | 13.958 | 117  | 66654    | 42.647  | ug/l   | 86       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 169491   | 47.044  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 11439    | 40.984  | ug/l   | 71       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 95074    | 44.060  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 48593    | 42.568  | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 208456   | 43.704  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 82971    | 44.439  | ug/l   | 99       |

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Data File : VY008221.D  
Acq On : 05 Apr 2022 19:44  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 26 Sample Multiplier: 1

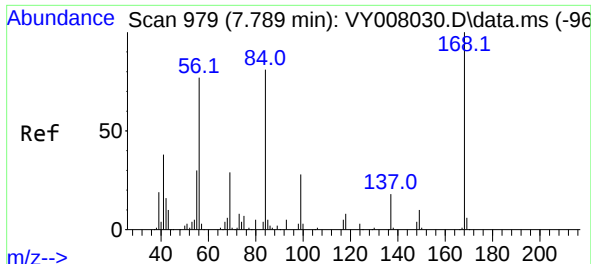
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Apr 06 04:00:09 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032522S.M  
Quant Title : SW846 8260  
QLast Update : Sat Mar 26 03:24:51 2022  
Response via : Initial Calibration

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

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

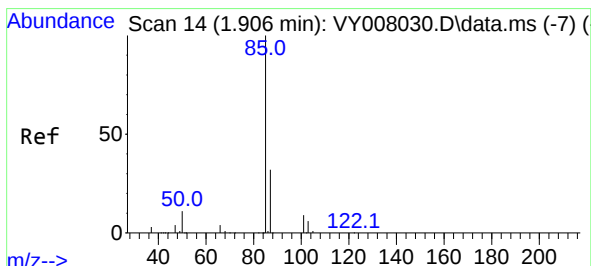
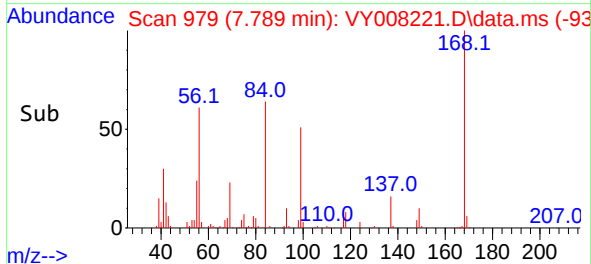
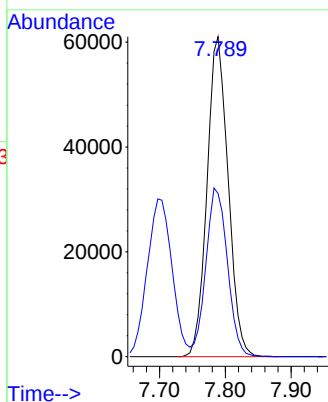
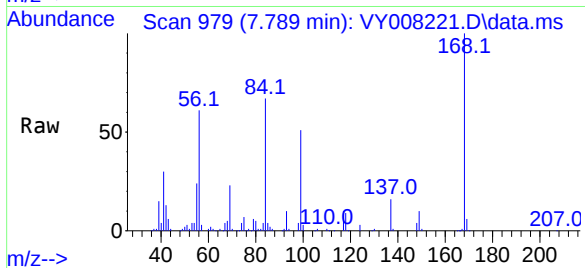




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

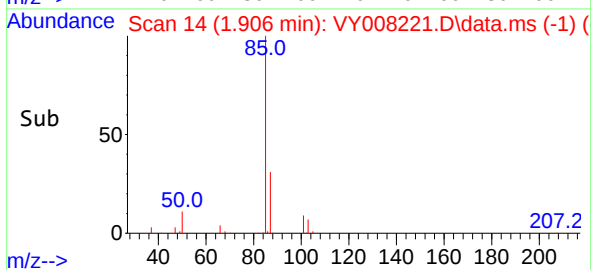
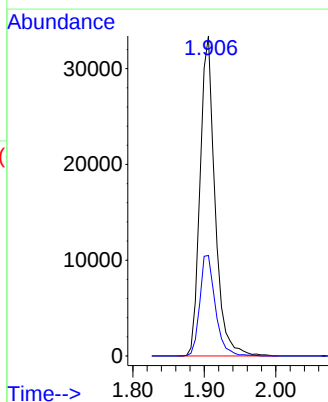
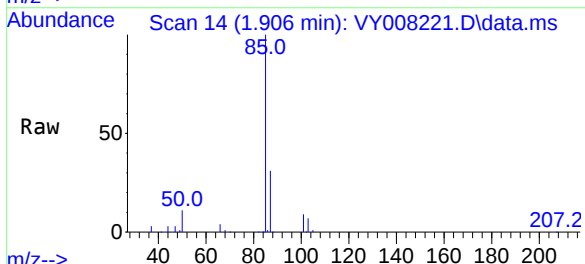
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

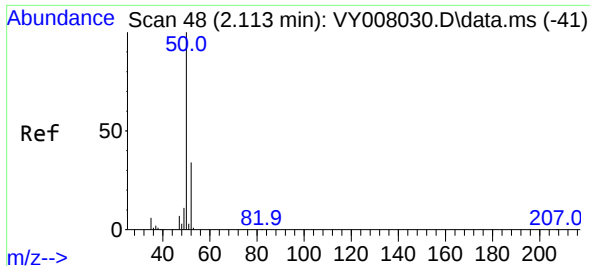
Tgt Ion:168 Resp: 136282  
Ion Ratio Lower Upper  
168 100  
99 51.0 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 39.558 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion: 85 Resp: 48598  
Ion Ratio Lower Upper  
85 100  
87 31.4 16.1 48.2

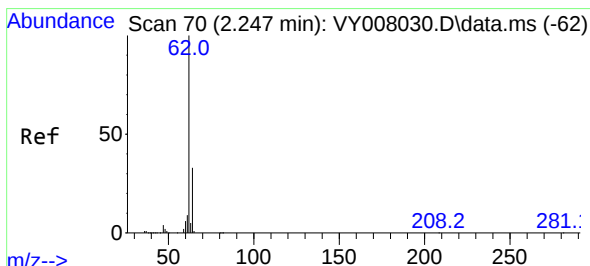
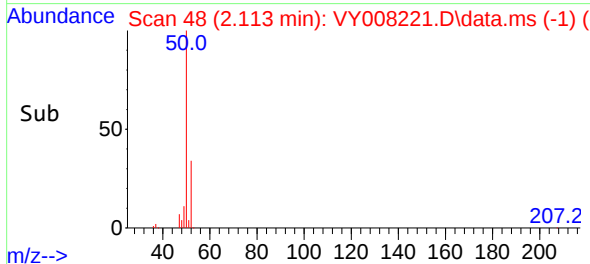
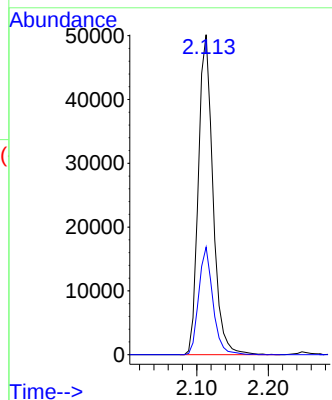
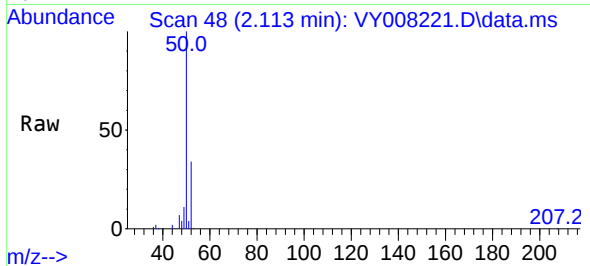




#3  
Chloromethane  
Concen: 47.311 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

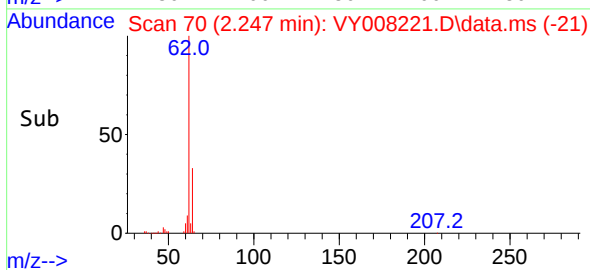
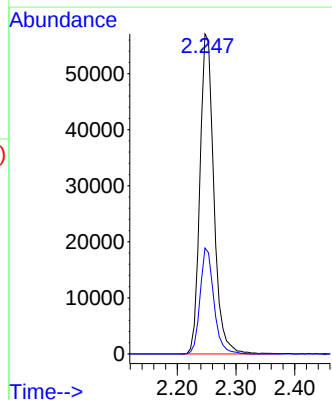
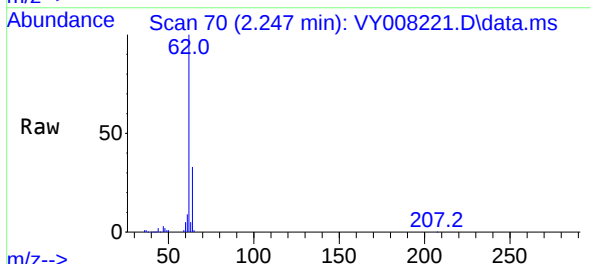
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 50 Resp: 70778  
Ion Ratio Lower Upper  
50 100  
52 33.6 24.6 37.0



#4  
Vinyl Chloride  
Concen: 47.120 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion: 62 Resp: 93792  
Ion Ratio Lower Upper  
62 100  
64 33.1 25.0 37.6

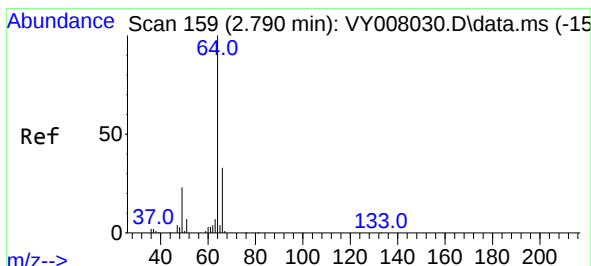
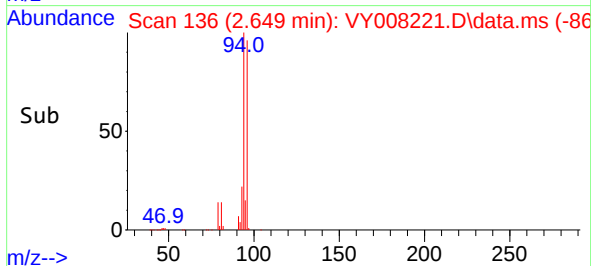
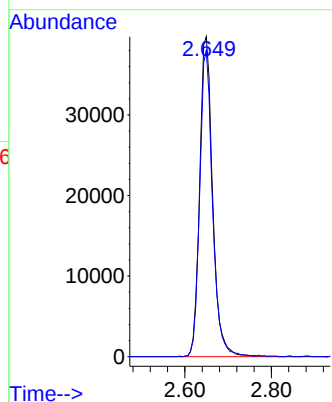
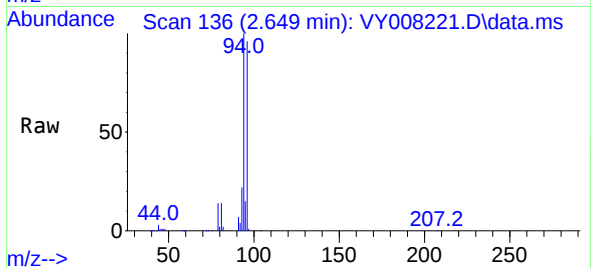




#5  
Bromomethane  
Concen: 50.633 ug/l  
RT: 2.649 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

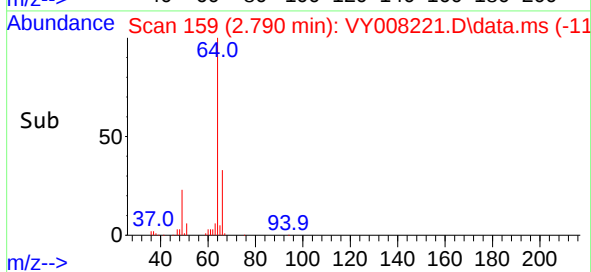
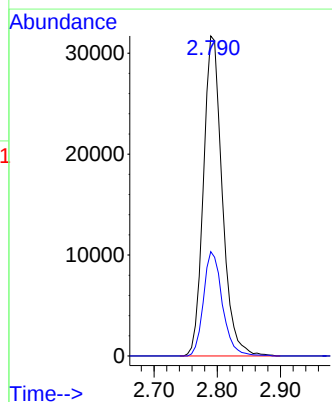
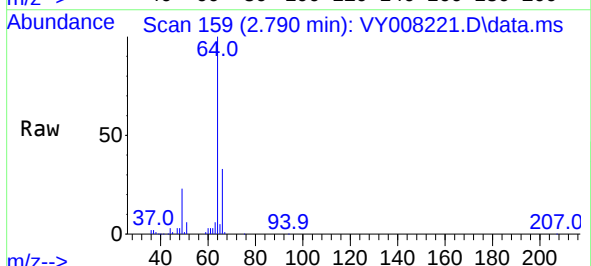
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

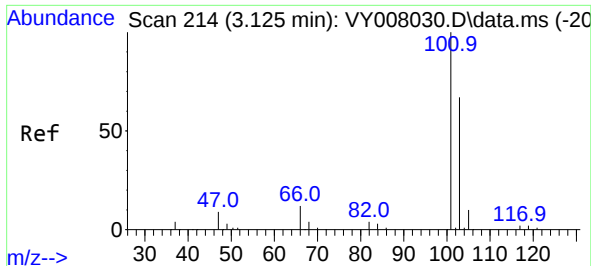
Tgt Ion: 94 Resp: 82596  
Ion Ratio Lower Upper  
94 100  
96 95.7 73.5 110.3



#6  
Chloroethane  
Concen: 50.186 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion: 64 Resp: 65710  
Ion Ratio Lower Upper  
64 100  
66 32.6 25.4 38.0

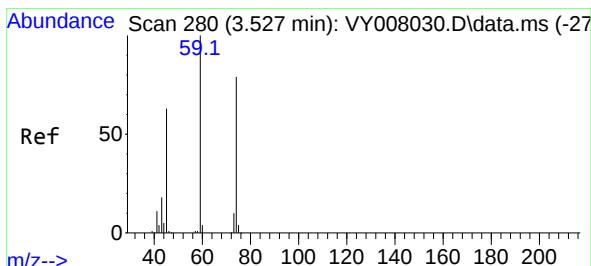
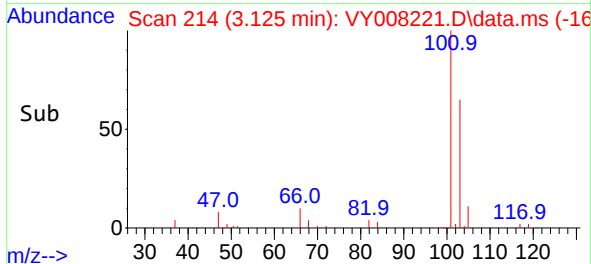
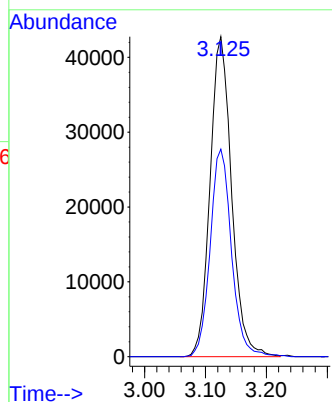
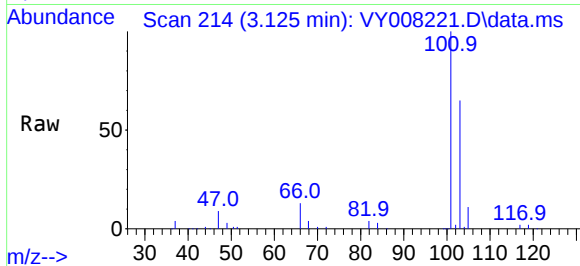




#7  
 Trichlorofluoromethane  
 Concen: 41.738 ug/l  
 RT: 3.125 min Scan# 214  
 Delta R.T. 0.000 min  
 Lab File: VY008221.D  
 Acq: 05 Apr 2022 19:44

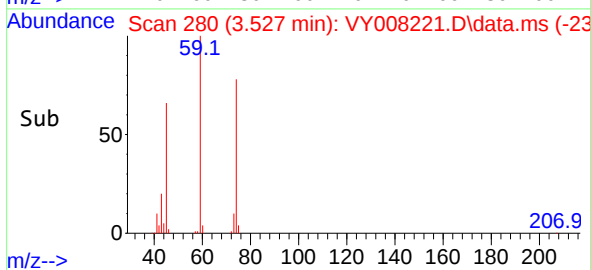
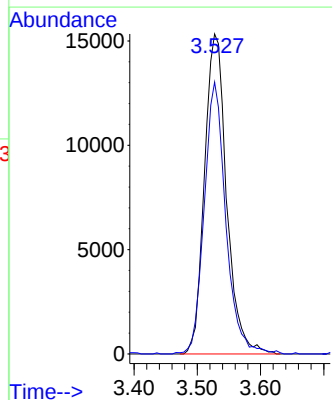
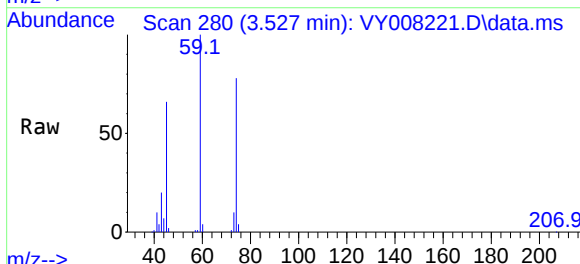
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

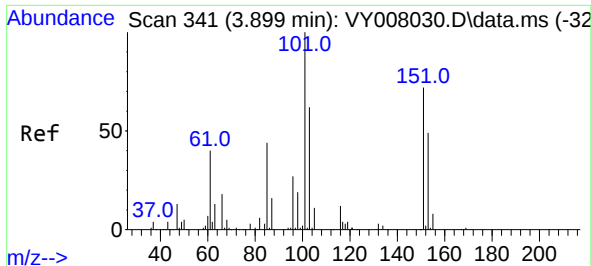
Tgt Ion:101 Resp: 105092  
 Ion Ratio Lower Upper  
 101 100  
 103 64.9 48.0 72.0



#8  
 Diethyl Ether  
 Concen: 45.741 ug/l  
 RT: 3.527 min Scan# 280  
 Delta R.T. 0.000 min  
 Lab File: VY008221.D  
 Acq: 05 Apr 2022 19:44

Tgt Ion: 74 Resp: 37297  
 Ion Ratio Lower Upper  
 74 100  
 45 83.1 55.1 165.5

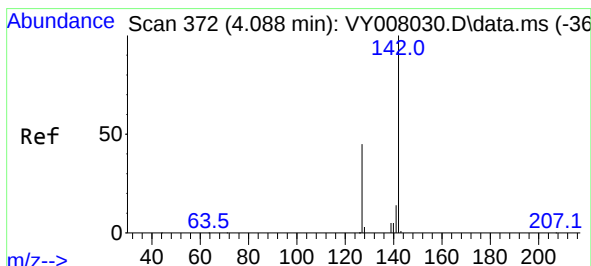
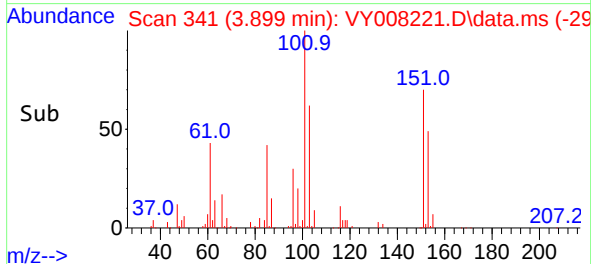
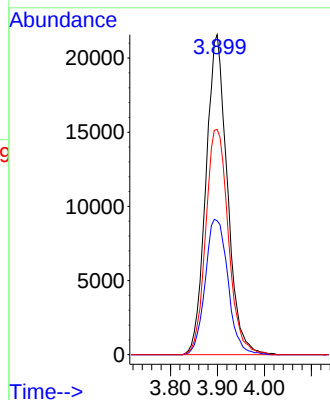
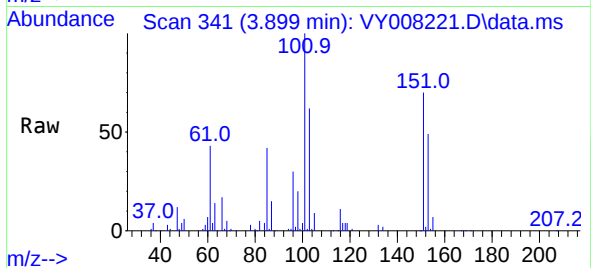




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 43.576 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

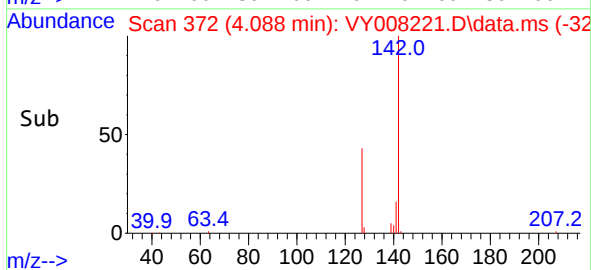
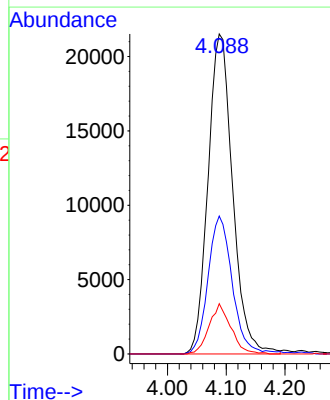
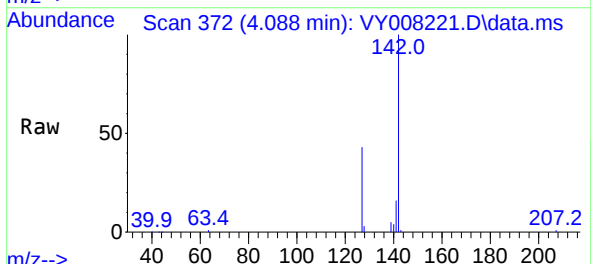
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

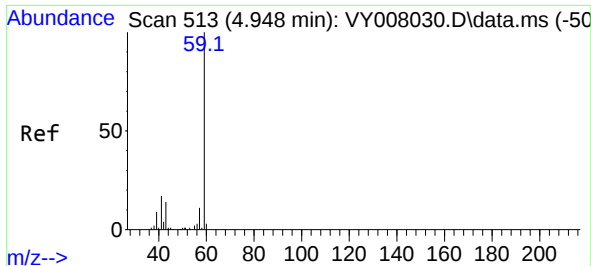
Tgt Ion:101 Resp: 68061  
Ion Ratio Lower Upper  
101 100  
85 45.1 40.6 60.8  
151 74.7 64.9 97.3



#10  
Methyl Iodide  
Concen: 34.788 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. 0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion:142 Resp: 62489  
Ion Ratio Lower Upper  
142 100  
127 42.7 41.5 62.3  
141 13.9 11.9 17.9





#11

Tert butyl alcohol

Concen: 195.765 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY008221.D

Acq: 05 Apr 2022 19:44

Instrument :

MSVOA\_Y

ClientSampleId :

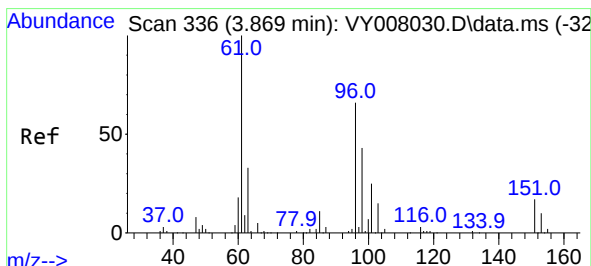
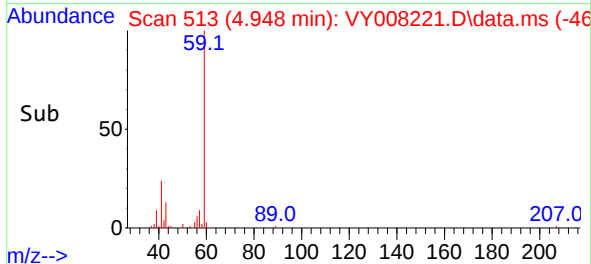
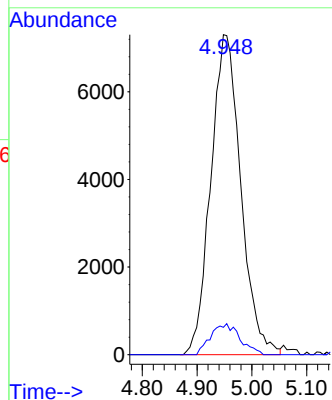
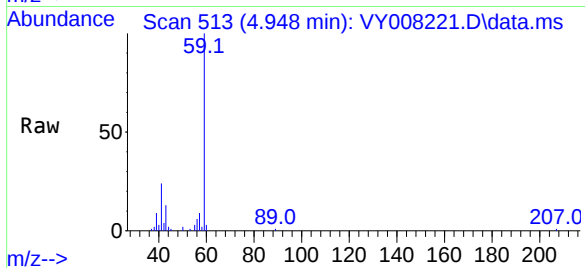
VSTDCCC050EC

Tgt Ion: 59 Resp: 27772

Ion Ratio Lower Upper

59 100

57 9.5 6.4 9.6



#12

1,1-Dichloroethene

Concen: 42.818 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY008221.D

Acq: 05 Apr 2022 19:44

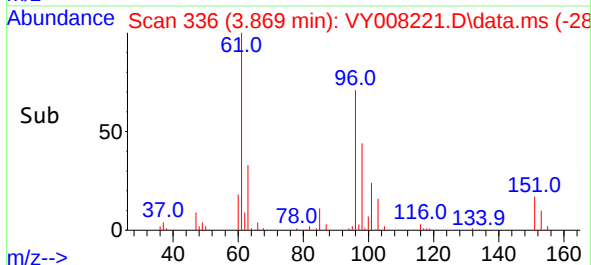
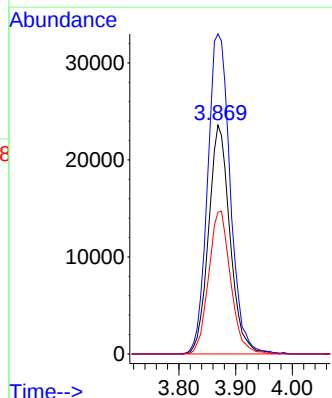
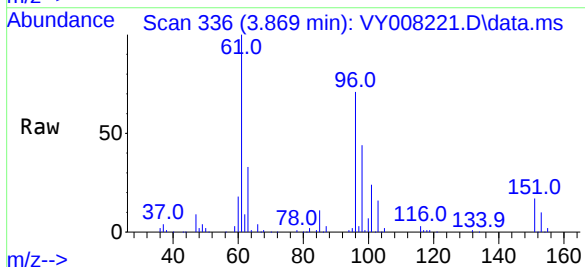
Tgt Ion: 96 Resp: 61913

Ion Ratio Lower Upper

96 100

61 139.9 145.8 218.6#

98 62.0 52.5 78.7

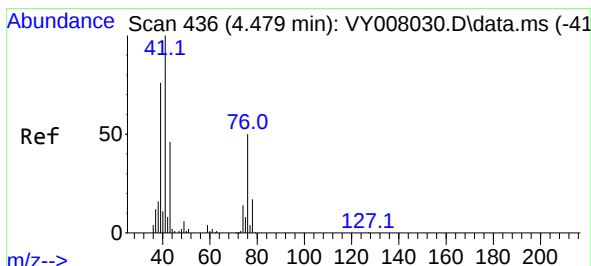
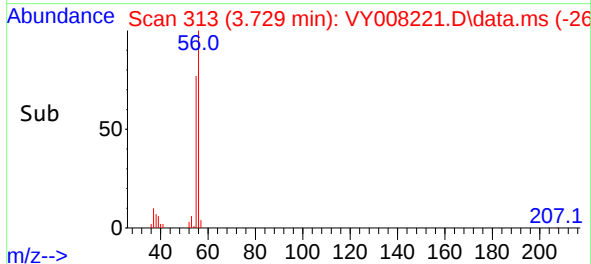
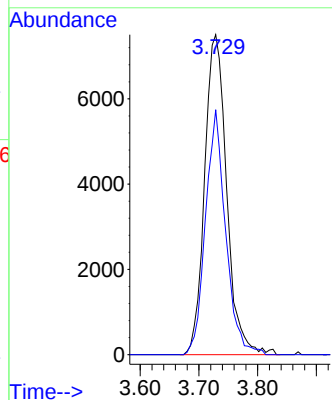
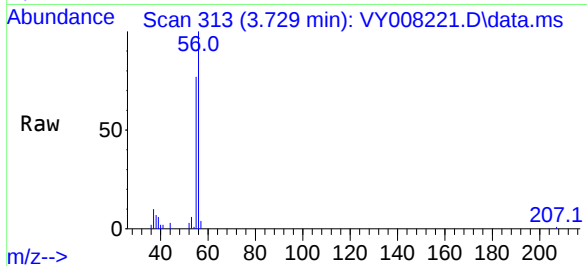




#13  
Acrolein  
Concen: 169.518 ug/l  
RT: 3.729 min Scan# 312  
Delta R.T. 0.006 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

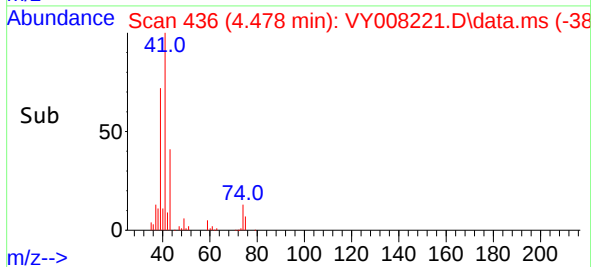
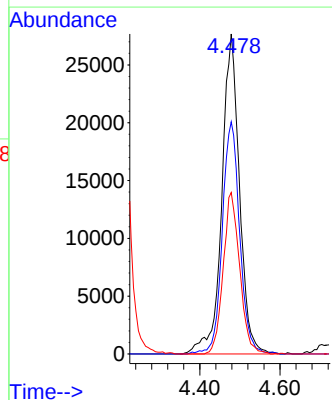
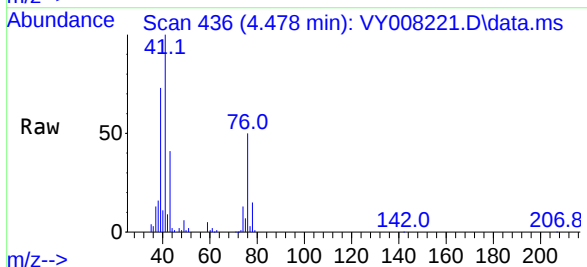
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

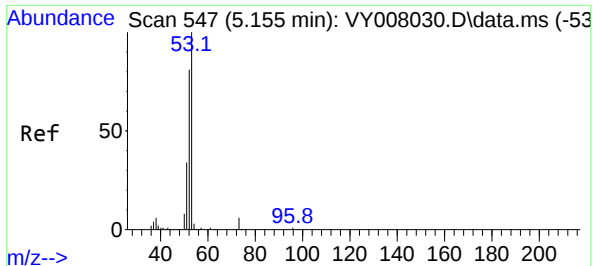
Tgt Ion: 56 Resp: 19574  
Ion Ratio Lower Upper  
56 100  
55 70.1 57.6 86.4



#14  
Allyl chloride  
Concen: 44.467 ug/l  
RT: 4.478 min Scan# 436  
Delta R.T. -0.001 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion: 41 Resp: 84596  
Ion Ratio Lower Upper  
41 100  
39 71.6 58.8 88.2  
76 47.1 25.1 37.7#

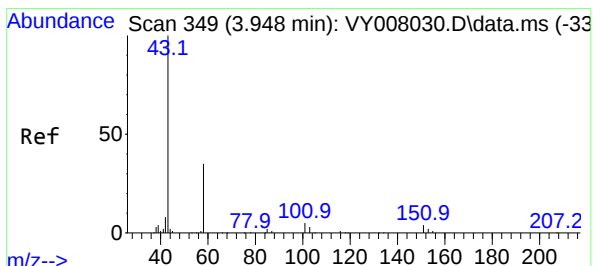
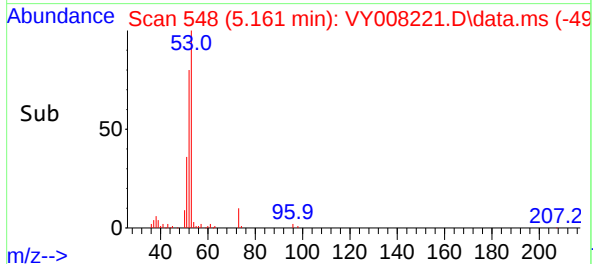
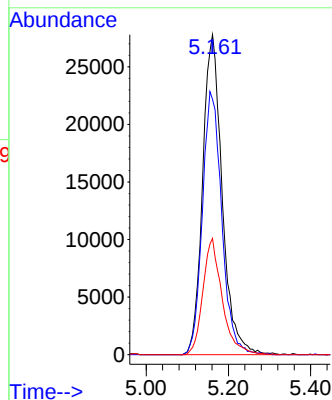
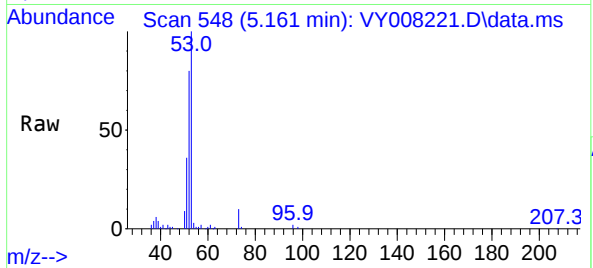




#15  
Acrylonitrile  
Concen: 235.823 ug/l  
RT: 5.161 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

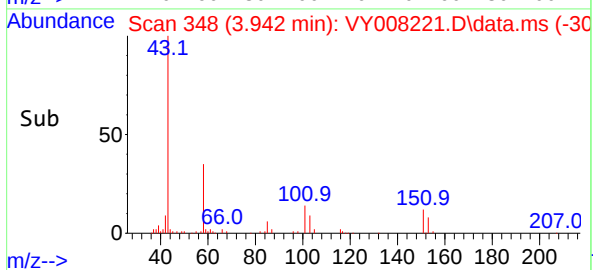
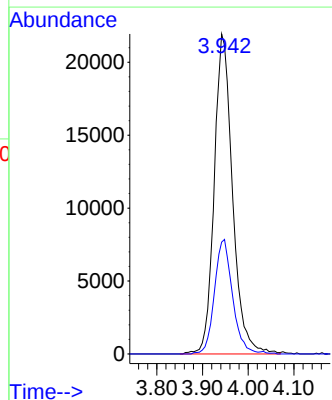
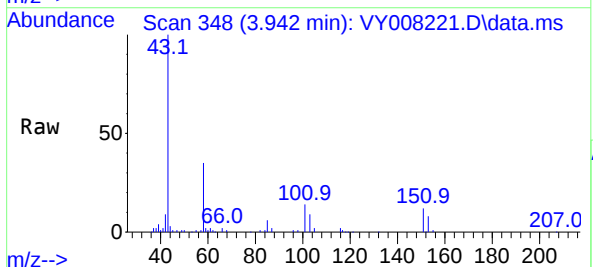
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 53 Resp: 91593  
Ion Ratio Lower Upper  
53 100  
52 81.7 67.0 100.4  
51 36.0 29.8 44.6



#16  
Acetone  
Concen: 195.982 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. -0.006 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion: 43 Resp: 61250  
Ion Ratio Lower Upper  
43 100  
58 35.0 22.0 33.0#

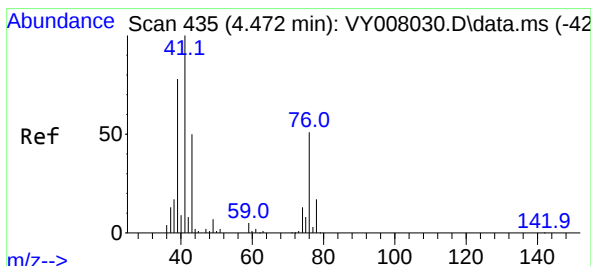
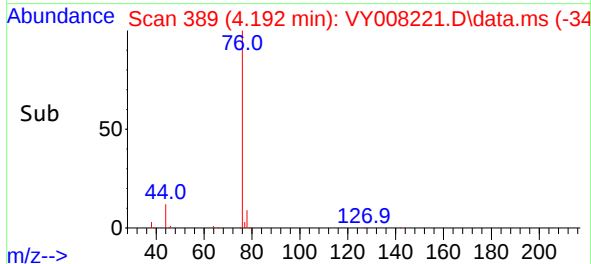
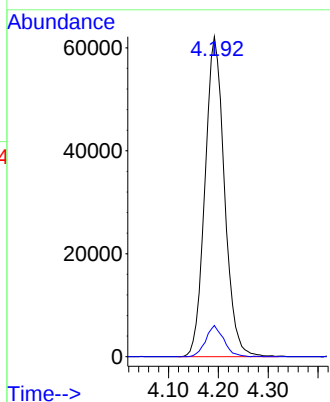
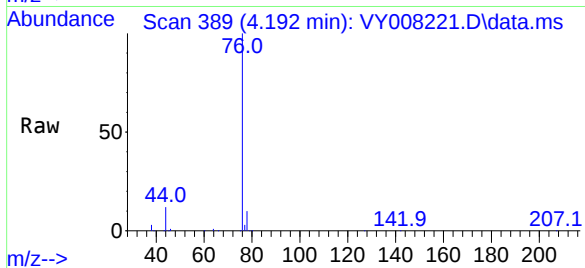




#17  
Carbon Disulfide  
Concen: 41.155 ug/l  
RT: 4.192 min Scan# 389  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

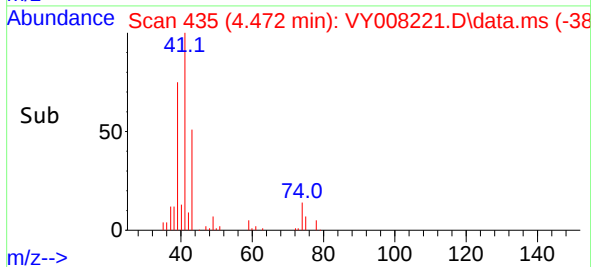
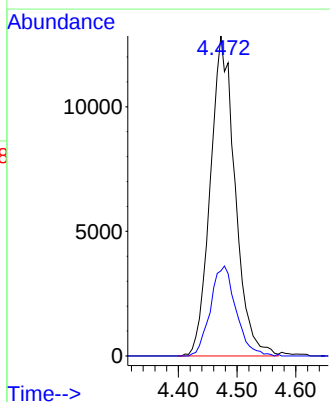
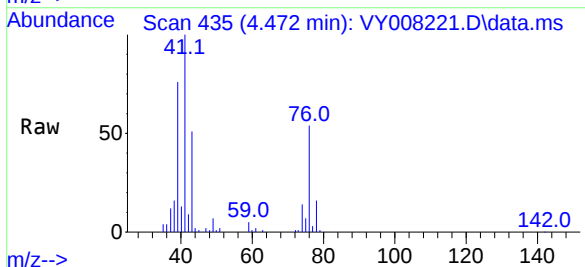
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

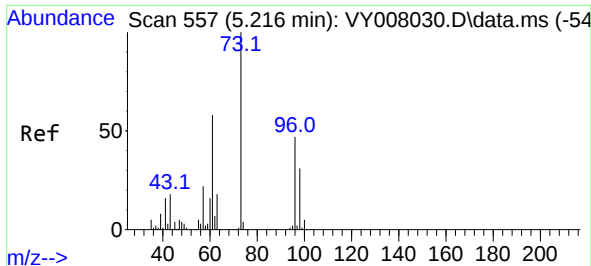
Tgt Ion: 76 Resp: 168618  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.4 11.0



#18  
Methyl Acetate  
Concen: 45.084 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. 0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion: 43 Resp: 37599  
Ion Ratio Lower Upper  
43 100  
74 29.0 16.6 24.8#

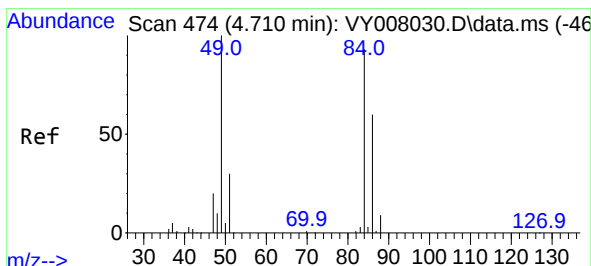
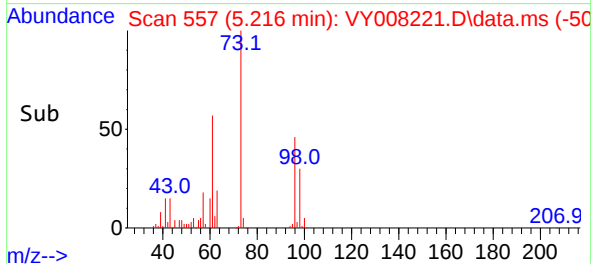
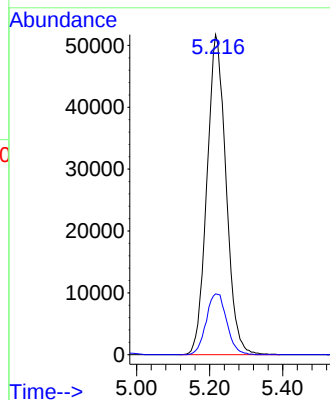
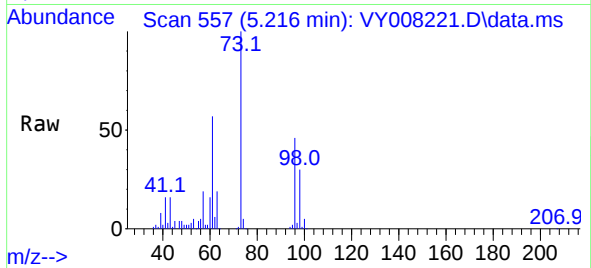




#19  
Methyl tert-butyl Ether  
Concen: 45.571 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

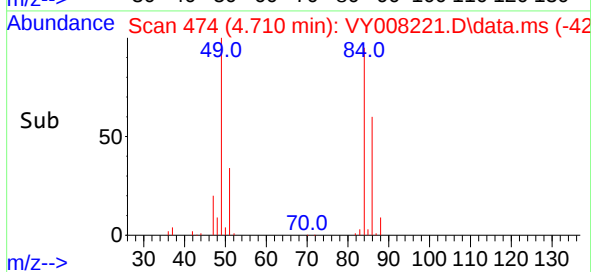
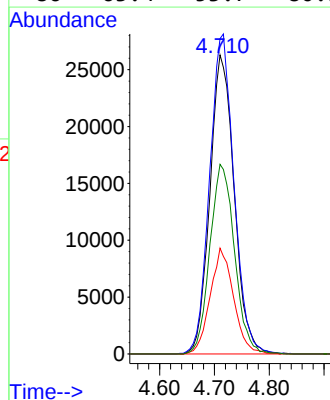
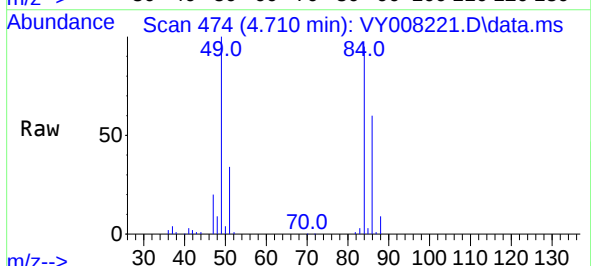
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 73 Resp: 187262  
Ion Ratio Lower Upper  
73 100  
57 19.0 18.6 27.8



#20  
Methylene Chloride  
Concen: 50.939 ug/l  
RT: 4.710 min Scan# 474  
Delta R.T. 0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion: 84 Resp: 80856  
Ion Ratio Lower Upper  
84 100  
49 105.3 114.4 171.6#  
51 35.4 35.3 52.9  
86 63.4 53.7 80.5

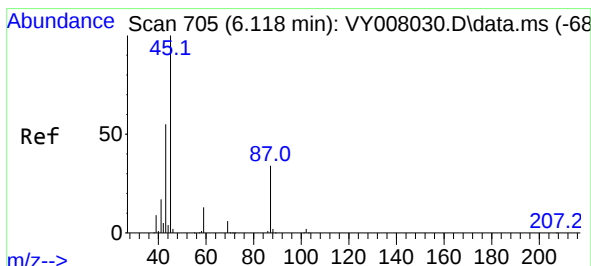
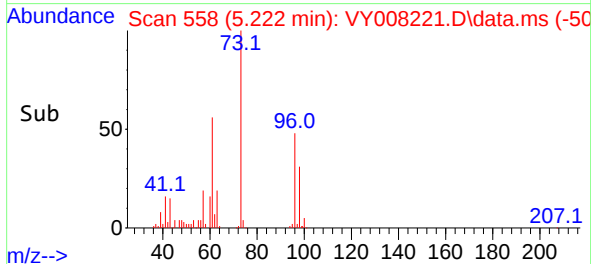
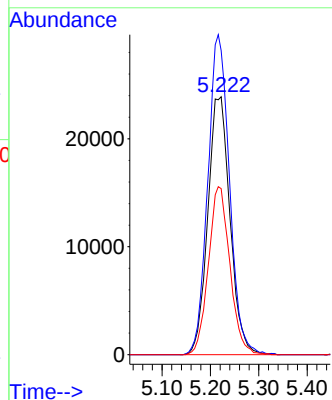
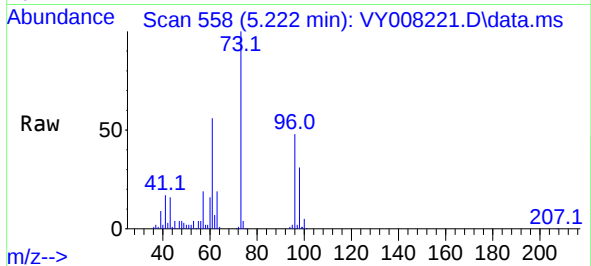




#21  
trans-1,2-Dichloroethene  
Concen: 45.599 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

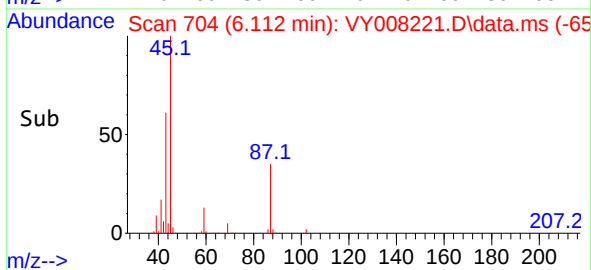
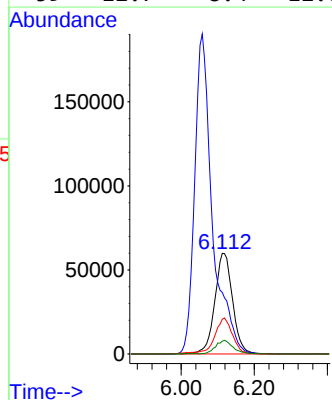
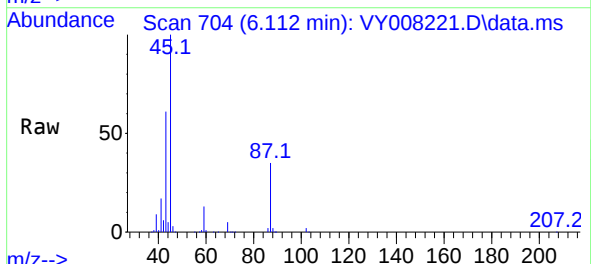
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

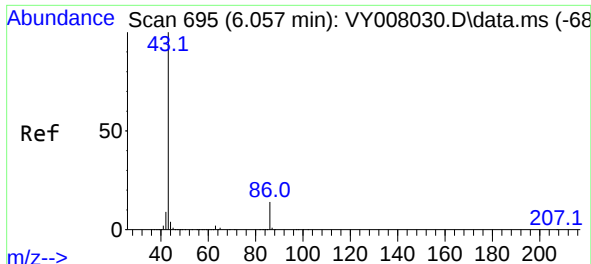
Tgt Ion: 96 Resp: 76345  
Ion Ratio Lower Upper  
96 100  
61 117.9 120.5 180.7#  
98 64.4 49.8 74.8



#22  
Diisopropyl ether  
Concen: 49.468 ug/l  
RT: 6.112 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion: 45 Resp: 202471  
Ion Ratio Lower Upper  
45 100  
43 61.0 49.3 73.9  
87 34.5 19.2 28.8#  
59 12.7 8.4 12.6#

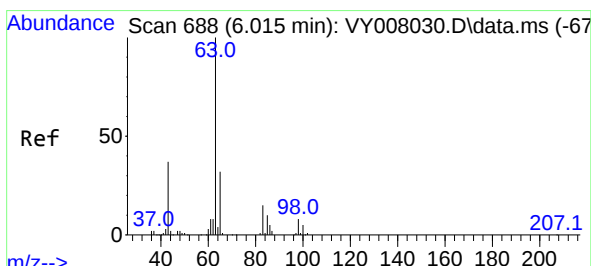
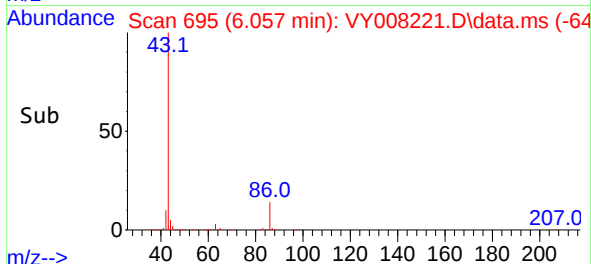
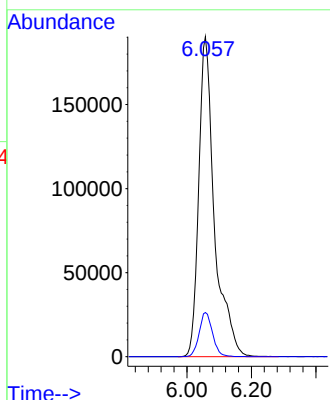
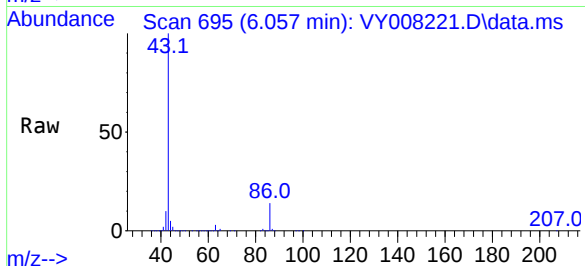




#23  
 Vinyl Acetate  
 Concen: 253.508 ug/l  
 RT: 6.057 min Scan# 695  
 Delta R.T. 0.000 min  
 Lab File: VY008221.D  
 Acq: 05 Apr 2022 19:44

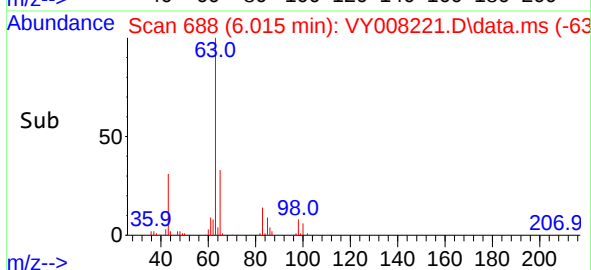
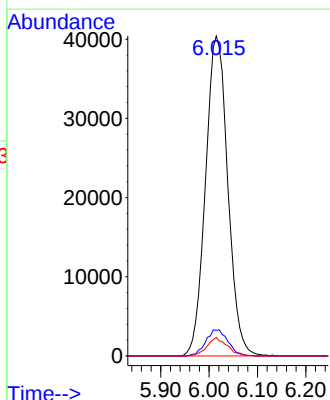
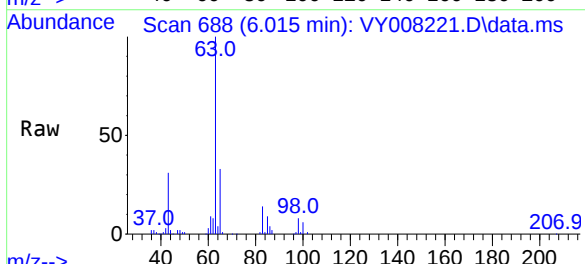
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 ClientSampleId :  
 VSTDCCC050EC

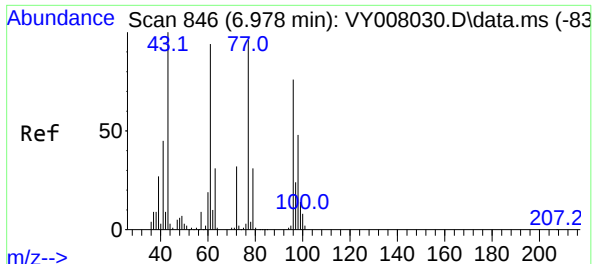
Tgt Ion: 43 Resp: 642924  
 Ion Ratio Lower Upper  
 43 100  
 86 13.8 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 47.732 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. -0.000 min  
 Lab File: VY008221.D  
 Acq: 05 Apr 2022 19:44

Tgt Ion: 63 Resp: 129338  
 Ion Ratio Lower Upper  
 63 100  
 98 8.0 3.6 10.8  
 100 5.8 2.0 5.8





#25

2-Butanone

Concen: 223.162 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008221.D

Acq: 05 Apr 2022 19:44

Instrument :

MSVOA\_Y

ClientSampleId :

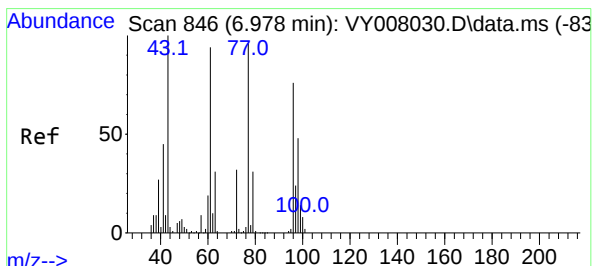
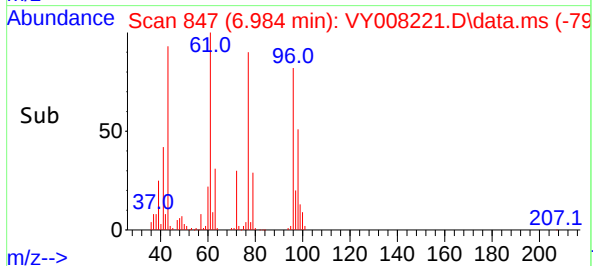
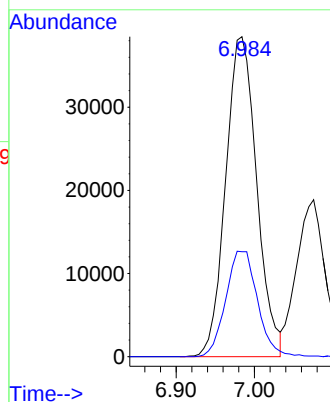
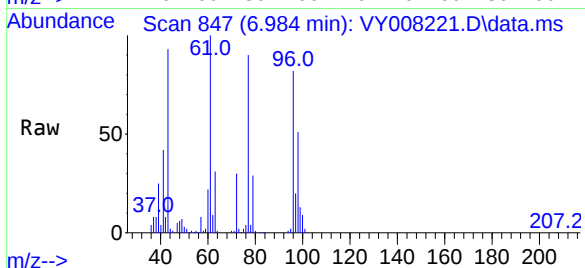
VSTDCCC050EC

Tgt Ion: 43 Resp: 106136

Ion Ratio Lower Upper

43 100

72 32.8 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 43.606 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008221.D

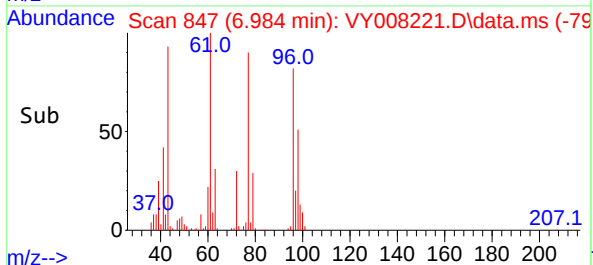
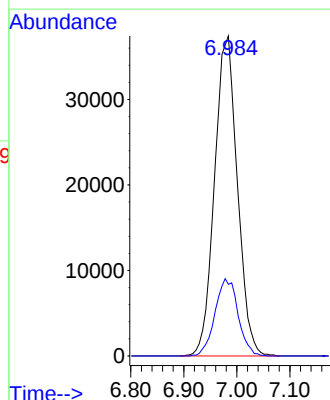
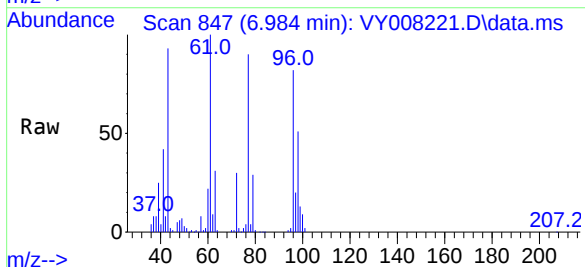
Acq: 05 Apr 2022 19:44

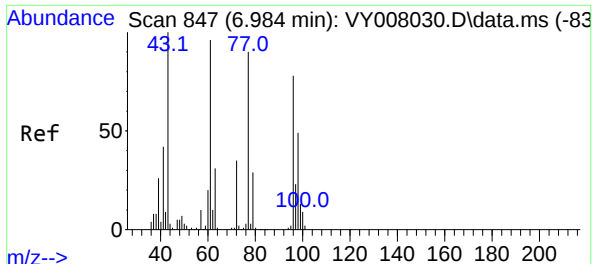
Tgt Ion: 77 Resp: 111898

Ion Ratio Lower Upper

77 100

97 24.4 10.4 31.4

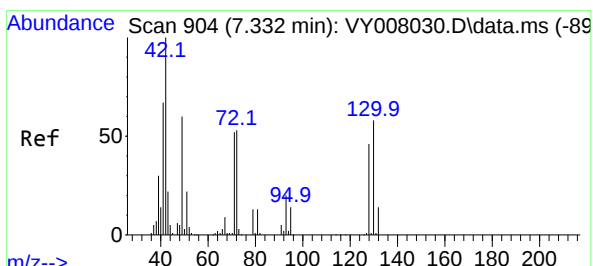
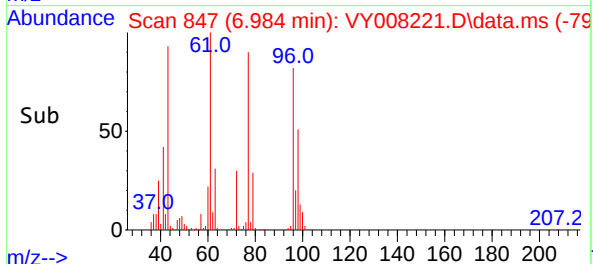
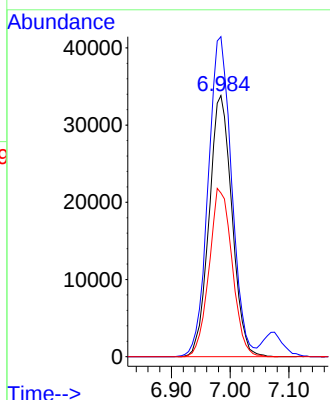
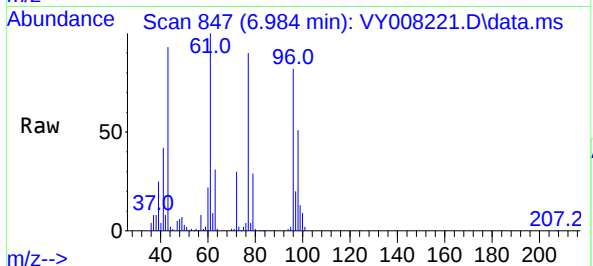




#27  
cis-1,2-Dichloroethene  
Concen: 47.116 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

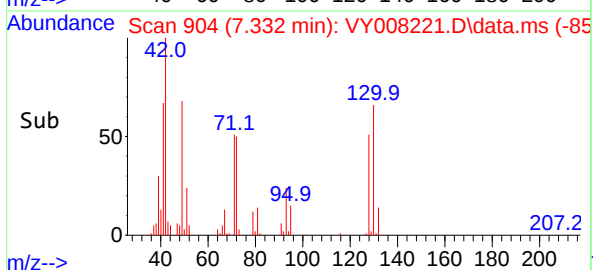
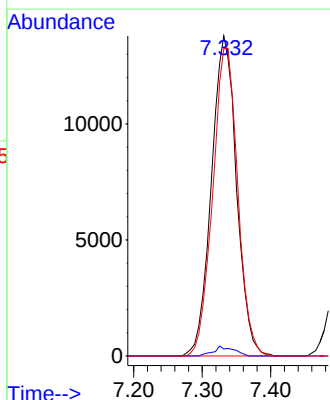
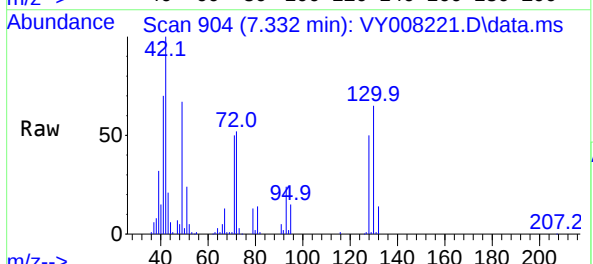
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

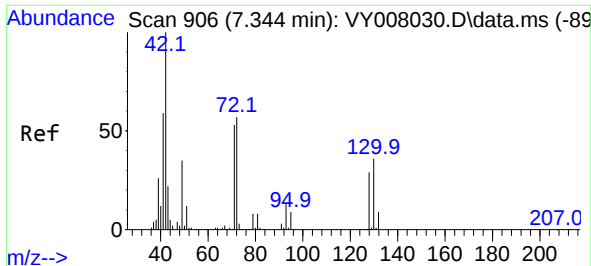
Tgt Ion: 96 Resp: 91435  
Ion Ratio Lower Upper  
96 100  
61 126.0 0.0 319.8  
98 64.9 0.0 127.0



#28  
Bromochloromethane  
Concen: 48.712 ug/l  
RT: 7.332 min Scan# 904  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion: 49 Resp: 34984  
Ion Ratio Lower Upper  
49 100  
129 2.4 0.0 2.2#  
130 96.0 55.4 83.0#





#29

Tetrahydrofuran

Concen: 228.753 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY008221.D

Acq: 05 Apr 2022 19:44

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

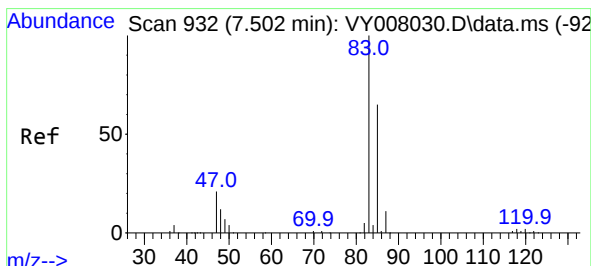
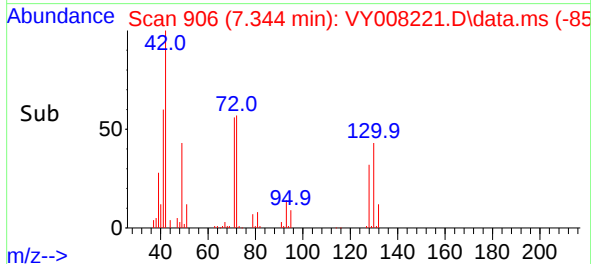
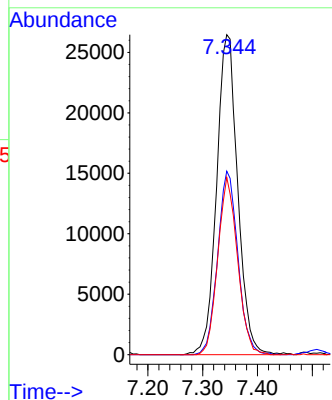
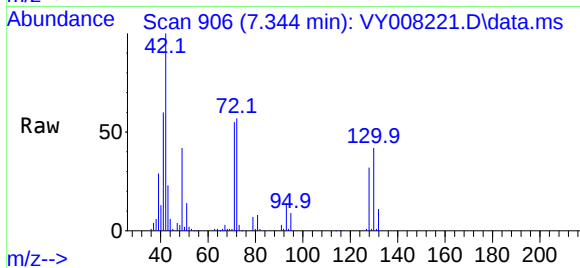
Tgt Ion: 42 Resp: 70731

Ion Ratio Lower Upper

42 100

72 55.1 30.3 45.5#

71 51.8 29.0 43.4#



#30

Chloroform

Concen: 48.563 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY008221.D

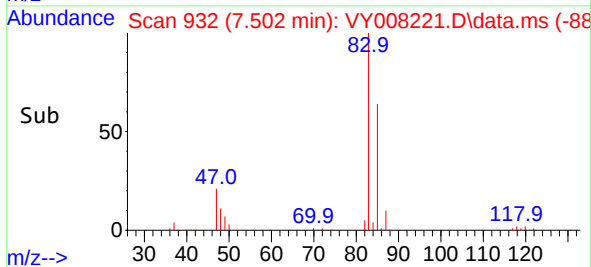
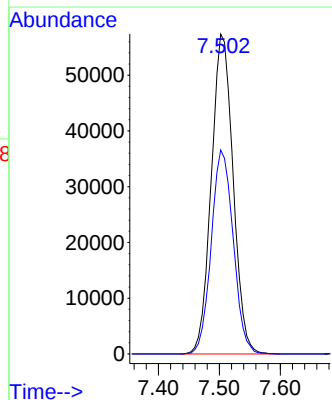
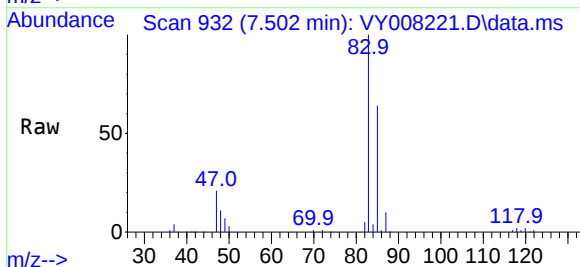
Acq: 05 Apr 2022 19:44

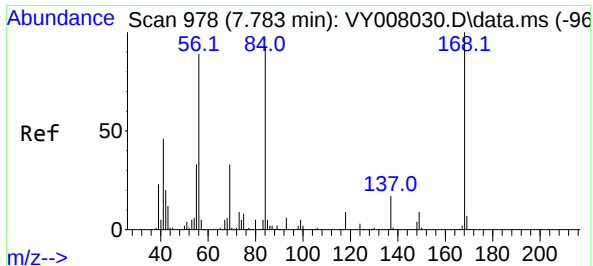
Tgt Ion: 83 Resp: 142486

Ion Ratio Lower Upper

83 100

85 63.7 51.8 77.6

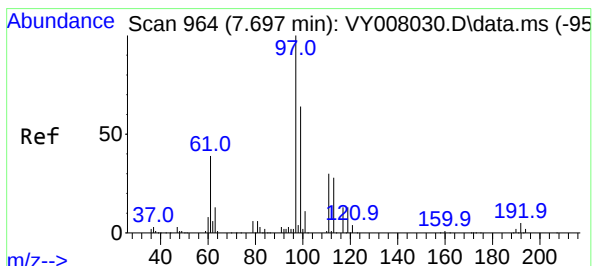
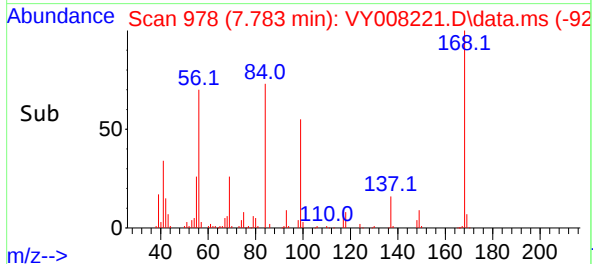
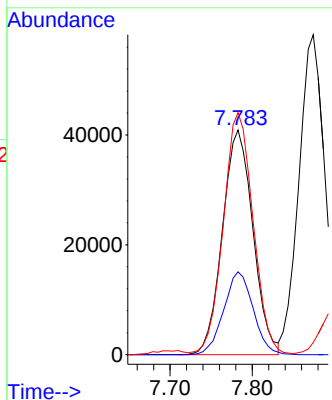
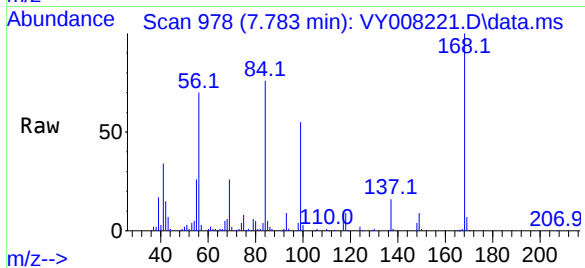




#31  
Cyclohexane  
Concen: 41.404 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

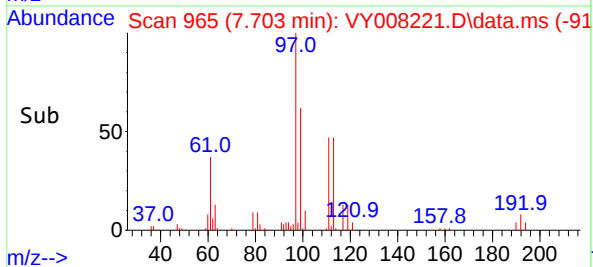
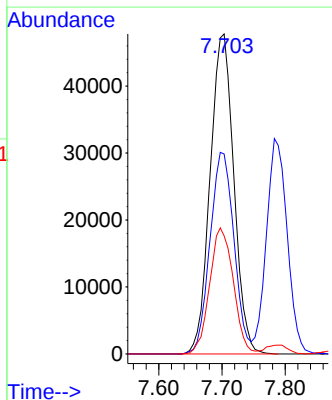
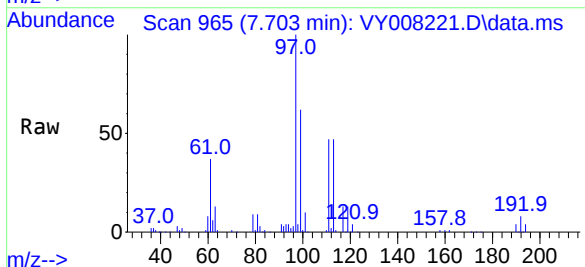
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

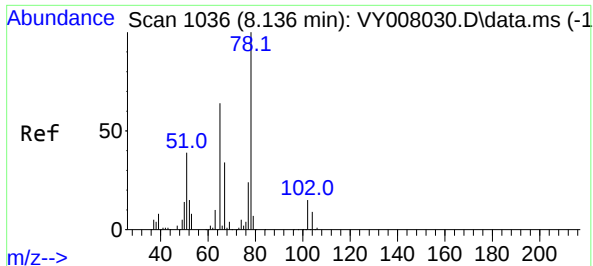
Tgt Ion: 56 Resp: 105820  
Ion Ratio Lower Upper  
56 100  
69 36.9 26.7 40.1  
84 106.0 67.2 100.8#



#32  
1,1,1-Trichloroethane  
Concen: 45.808 ug/l  
RT: 7.703 min Scan# 965  
Delta R.T. 0.006 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion: 97 Resp: 124183  
Ion Ratio Lower Upper  
97 100  
99 64.0 50.7 76.1  
61 39.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 47.986 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY008221.D

Acq: 05 Apr 2022 19:44

Instrument :

MSVOA\_Y

ClientSampleId :

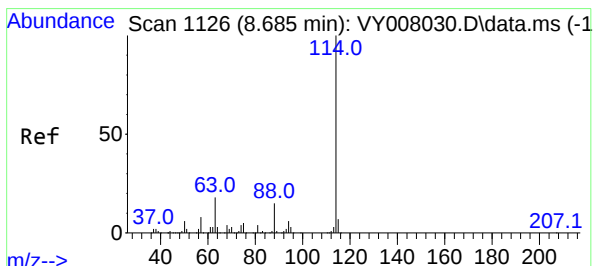
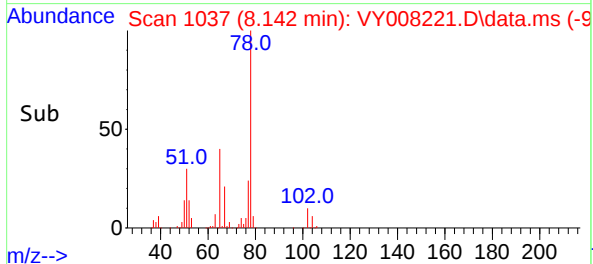
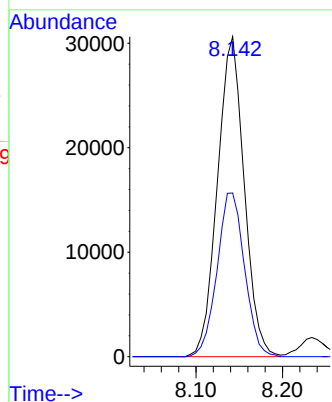
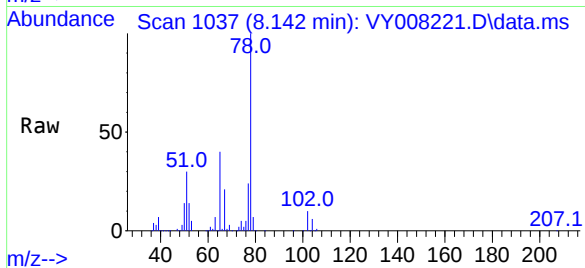
VSTDCCC050EC

Tgt Ion: 65 Resp: 65612

Ion Ratio Lower Upper

65 100

67 52.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY008221.D

Acq: 05 Apr 2022 19:44

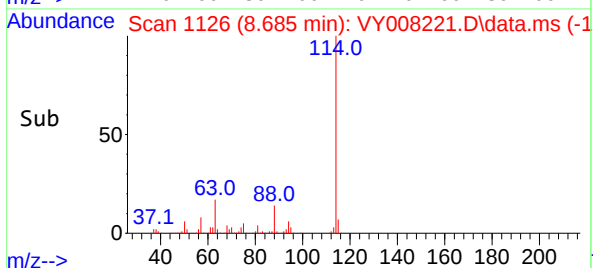
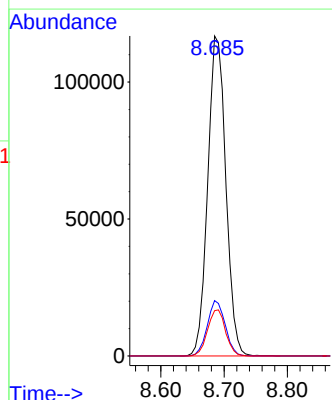
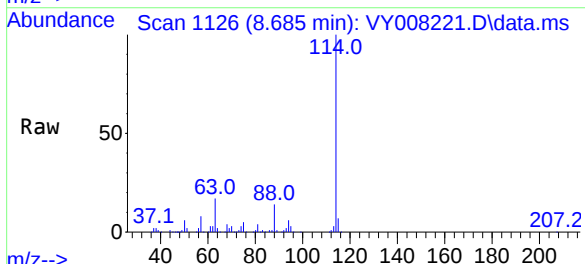
Tgt Ion: 114 Resp: 232745

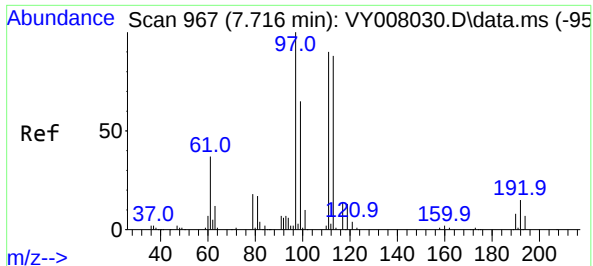
Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 14.1 0.0 31.8

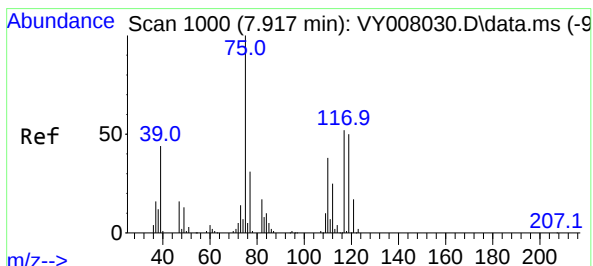
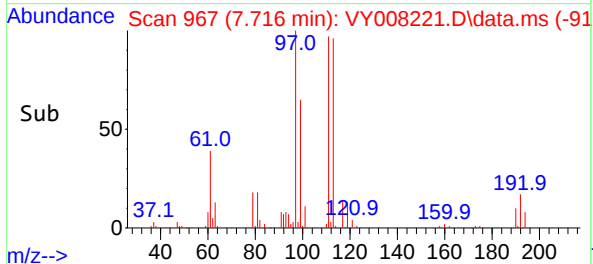
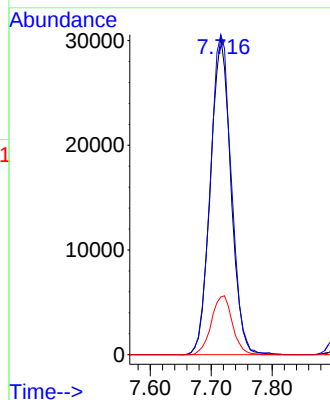
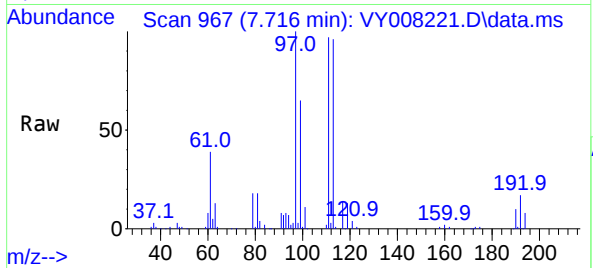




#35  
Dibromofluoromethane  
Concen: 48.288 ug/l  
RT: 7.716 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

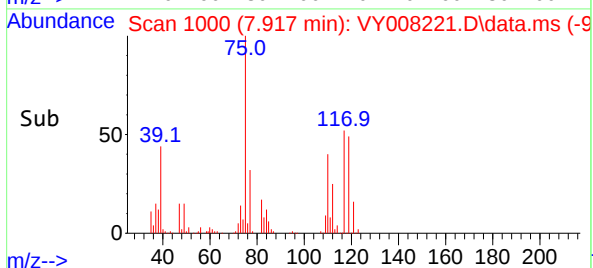
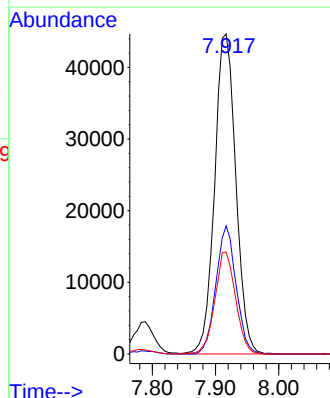
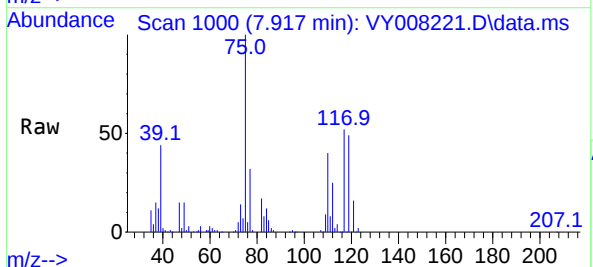
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

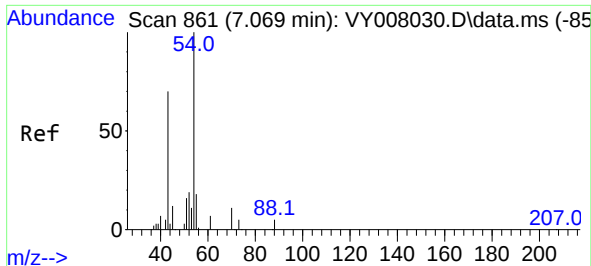
Tgt Ion:113 Resp: 70464  
Ion Ratio Lower Upper  
113 100  
111 104.1 82.6 124.0  
192 19.1 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 45.382 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion: 75 Resp: 104024  
Ion Ratio Lower Upper  
75 100  
110 37.8 17.1 51.2  
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 47.000 ug/l

RT: 7.075 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY008221.D

Acq: 05 Apr 2022 19:44

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

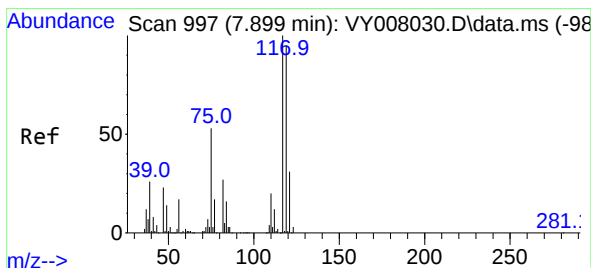
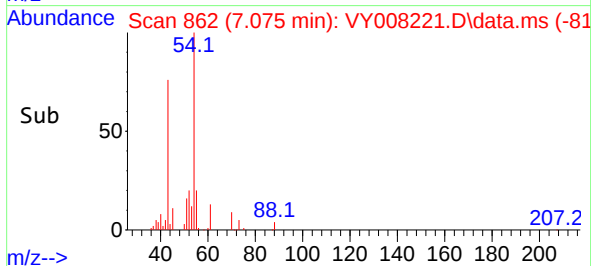
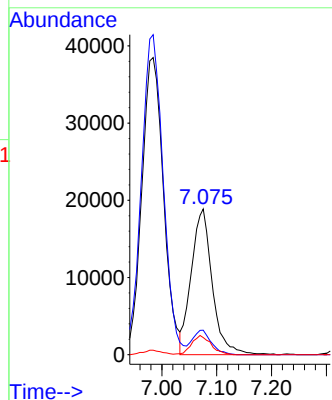
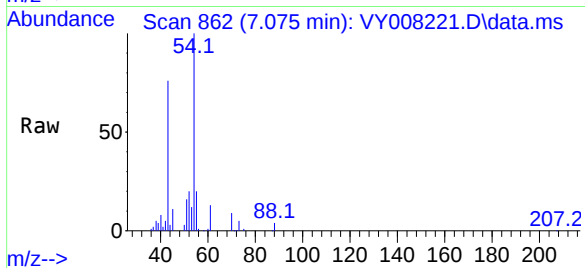
Tgt Ion: 43 Resp: 50328

Ion Ratio Lower Upper

43 100

61 14.9 9.7 14.5#

70 12.2 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 43.771 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY008221.D

Acq: 05 Apr 2022 19:44

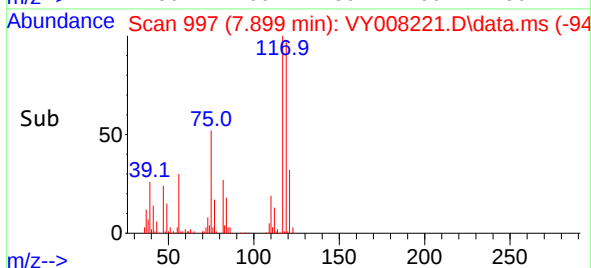
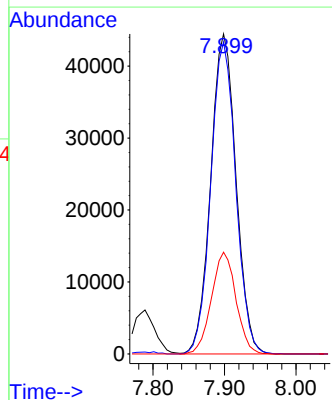
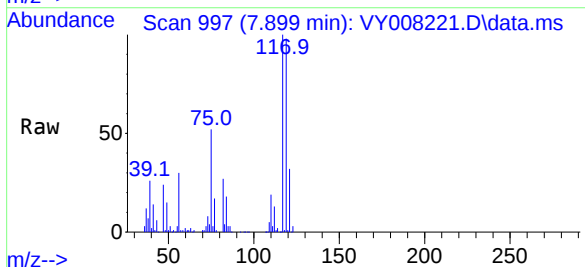
Tgt Ion: 117 Resp: 109340

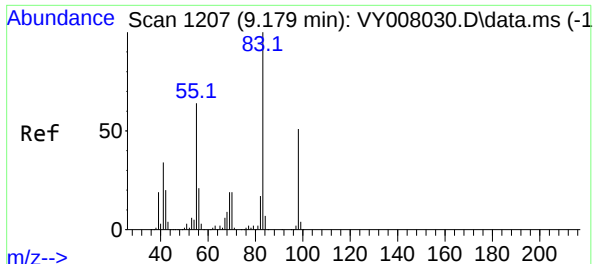
Ion Ratio Lower Upper

117 100

119 97.5 77.9 116.9

121 31.8 24.8 37.2





#39

Methylcyclohexane

Concen: 42.539 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008221.D

Acq: 05 Apr 2022 19:44

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

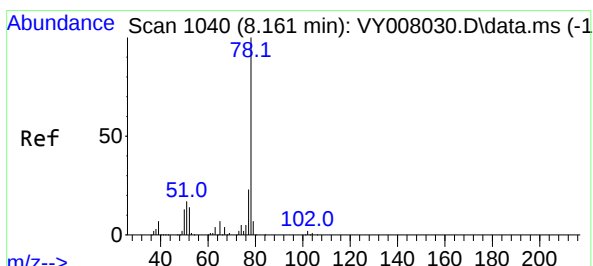
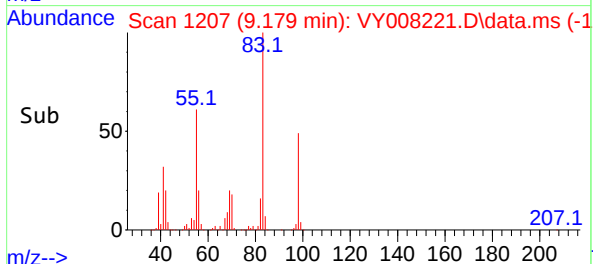
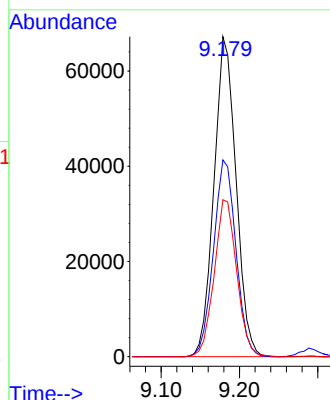
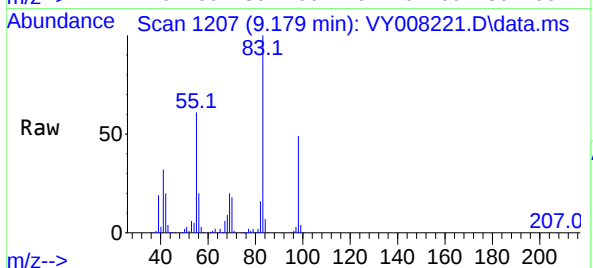
Tgt Ion: 83 Resp: 131615

Ion Ratio Lower Upper

83 100

55 61.5 66.5 99.7#

98 49.1 37.9 56.9



#40

Benzene

Concen: 47.582 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008221.D

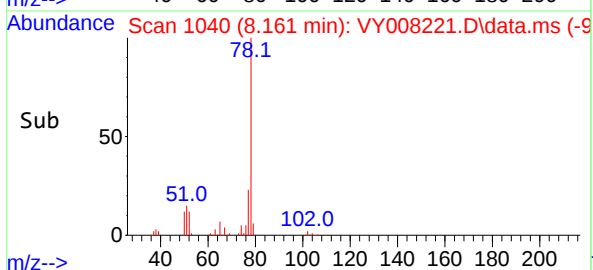
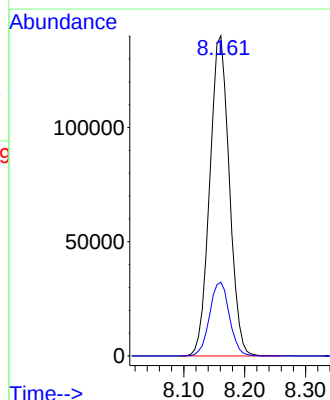
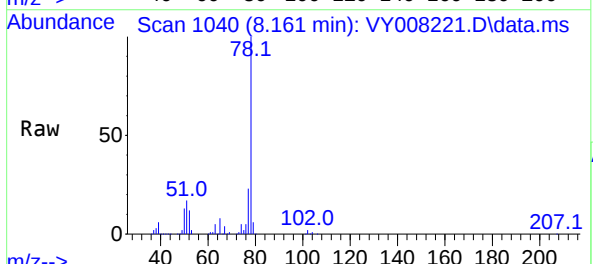
Acq: 05 Apr 2022 19:44

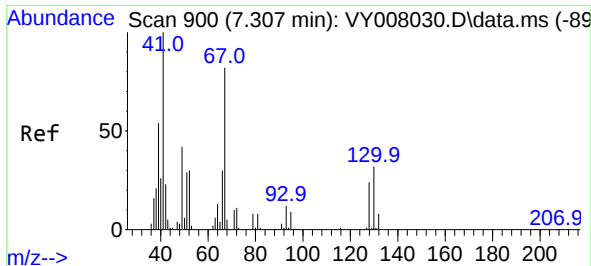
Tgt Ion: 78 Resp: 311985

Ion Ratio Lower Upper

78 100

77 23.1 20.4 30.6

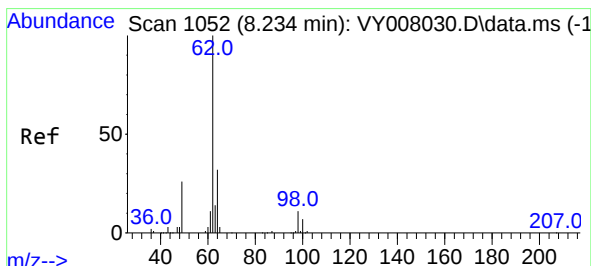
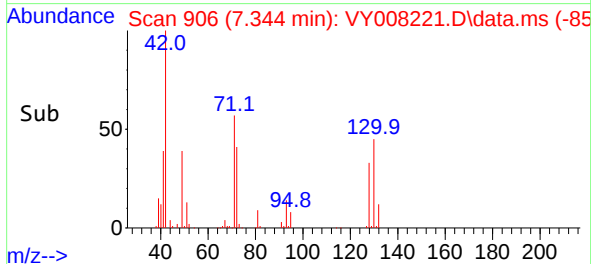
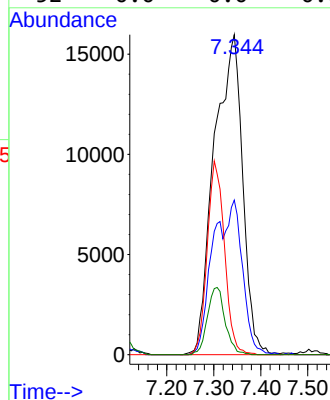
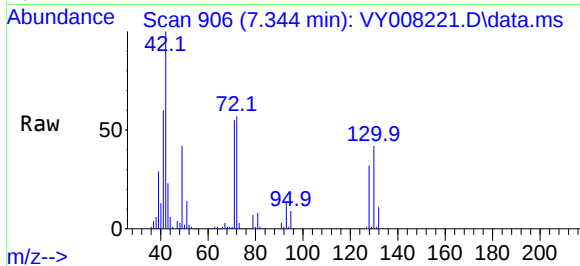




#41  
Methacrylonitrile  
Concen: 124.439 ug/l  
RT: 7.344 min Scan# 900  
Delta R.T. 0.037 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

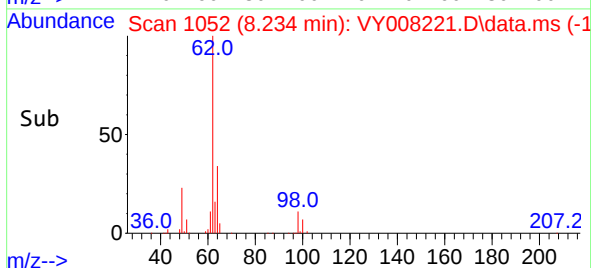
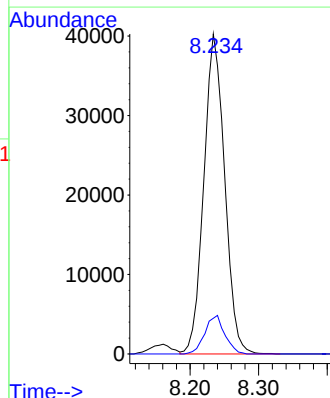
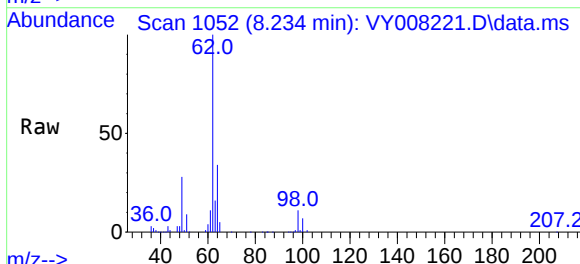
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

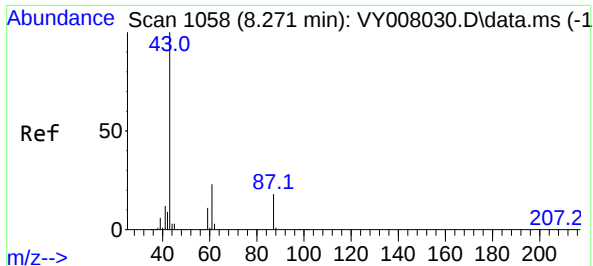
Tgt Ion: 41 Resp: 66908  
Ion Ratio Lower Upper  
41 100  
39 0.0 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 46.330 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion: 62 Resp: 85215  
Ion Ratio Lower Upper  
62 100  
98 11.5 0.0 14.8





#43

Isopropyl Acetate

Concen: 44.719 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. -0.001 min

Lab File: VY008221.D

Acq: 05 Apr 2022 19:44

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

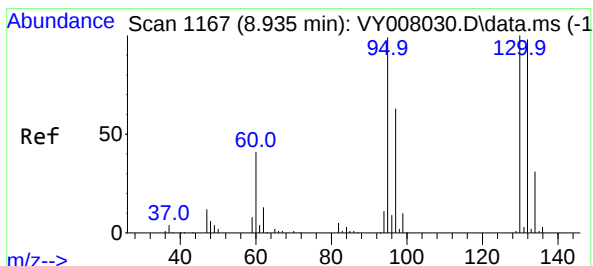
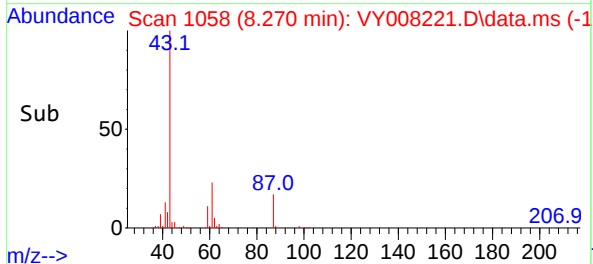
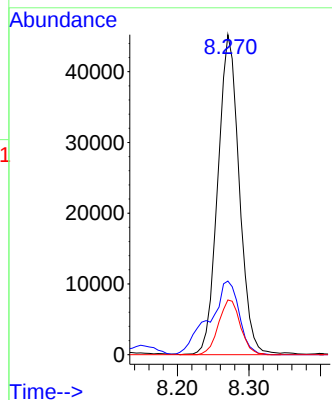
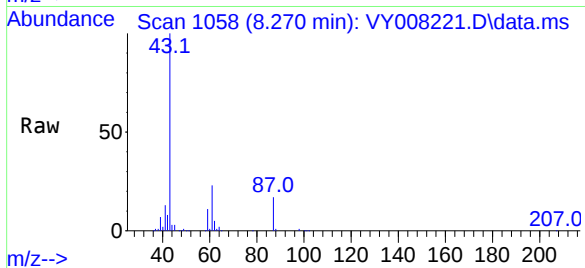
Tgt Ion: 43 Resp: 94002

Ion Ratio Lower Upper

43 100

61 32.2 20.2 30.2#

87 17.4 8.9 13.3#



#44

Trichloroethene

Concen: 45.706 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY008221.D

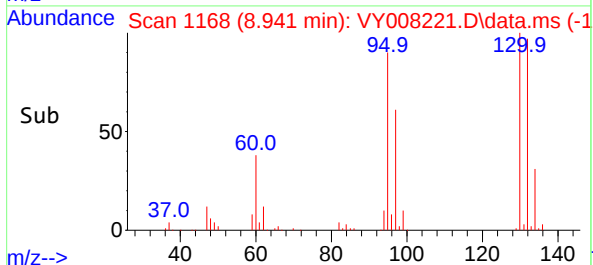
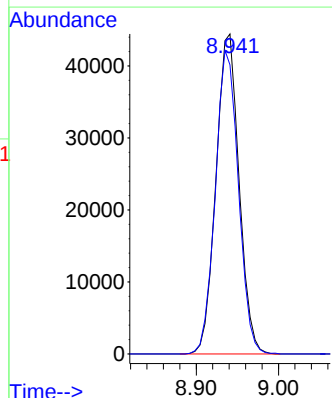
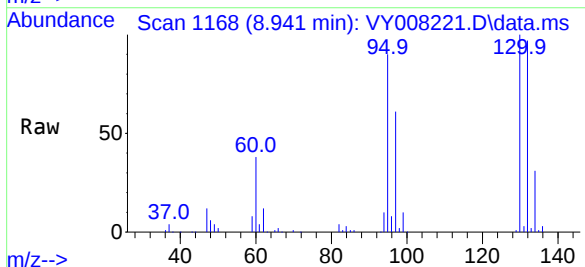
Acq: 05 Apr 2022 19:44

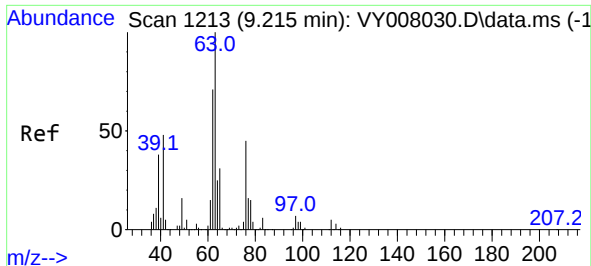
Tgt Ion: 130 Resp: 86661

Ion Ratio Lower Upper

130 100

95 90.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 48.762 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008221.D

Acq: 05 Apr 2022 19:44

Instrument :

MSVOA\_Y

ClientSampleId :

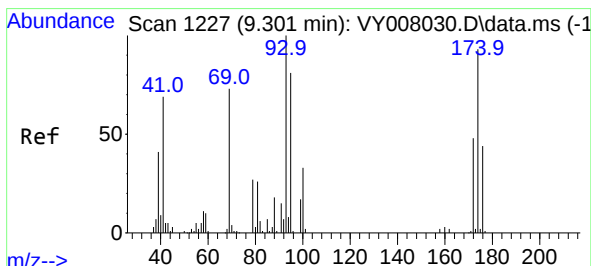
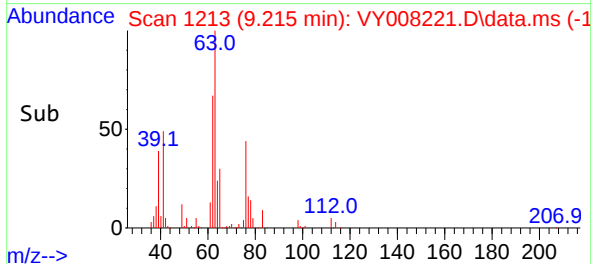
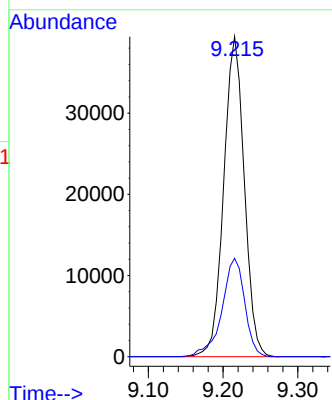
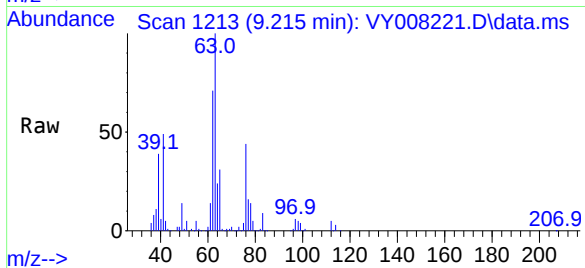
VSTDCCC050EC

Tgt Ion: 63 Resp: 75350

Ion Ratio Lower Upper

63 100

65 30.8 23.0 34.6



#46

Dibromomethane

Concen: 47.615 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY008221.D

Acq: 05 Apr 2022 19:44

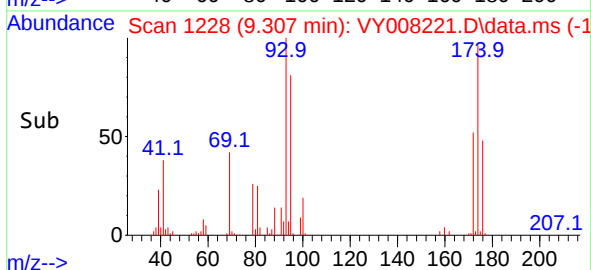
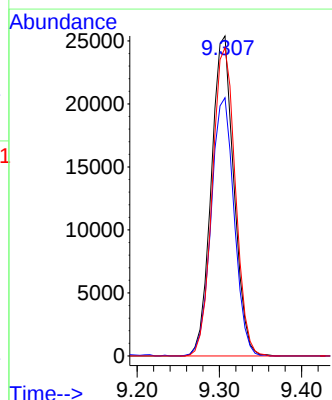
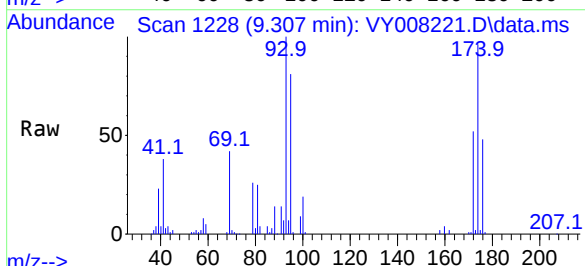
Tgt Ion: 93 Resp: 48380

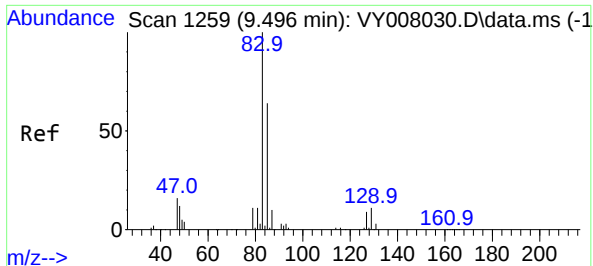
Ion Ratio Lower Upper

93 100

95 82.1 64.3 96.5

174 98.2 83.4 125.0

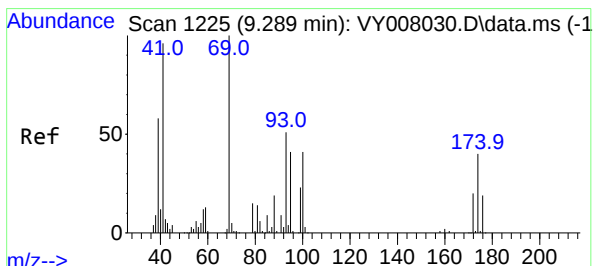
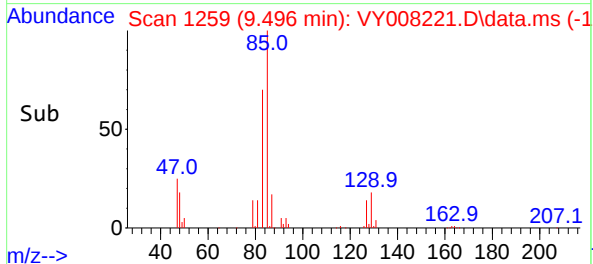
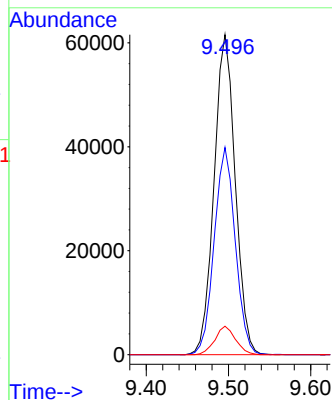
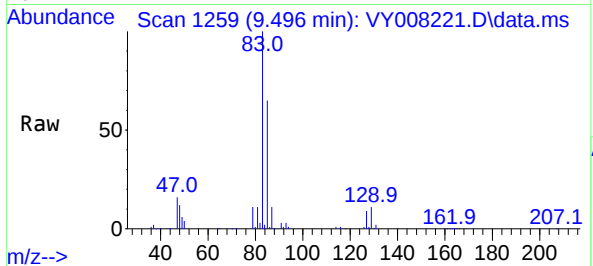




#47  
Bromodichloromethane  
Concen: 47.454 ug/l  
RT: 9.496 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

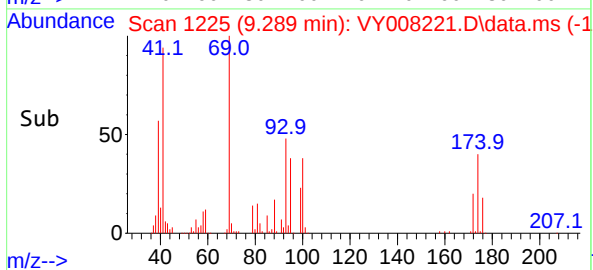
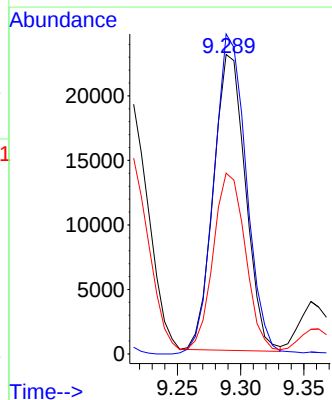
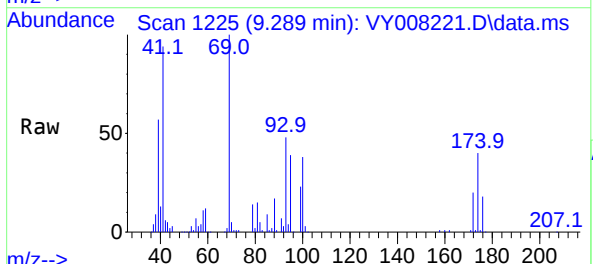
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

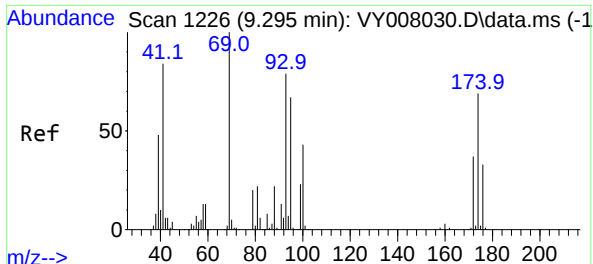
Tgt Ion: 83 Resp: 110255  
Ion Ratio Lower Upper  
83 100  
85 64.7 51.9 77.9  
127 8.9 6.6 10.0



#48  
Methyl methacrylate  
Concen: 43.393 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion: 41 Resp: 40401  
Ion Ratio Lower Upper  
41 100  
69 109.7 58.2 87.2#  
39 63.0 47.4 71.0





#49

1,4-Dioxane

Concen: 919.805 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY008221.D

Acq: 05 Apr 2022 19:44

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

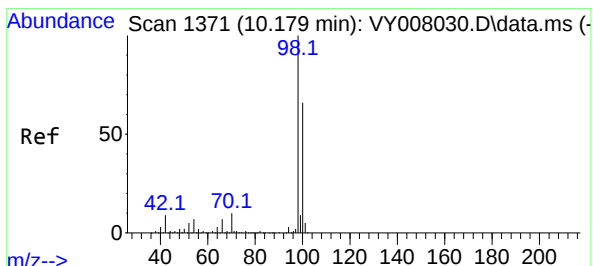
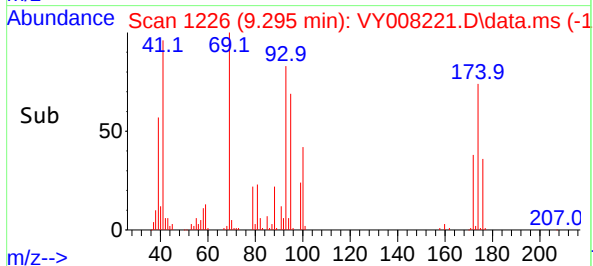
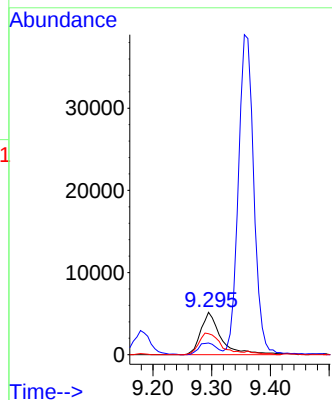
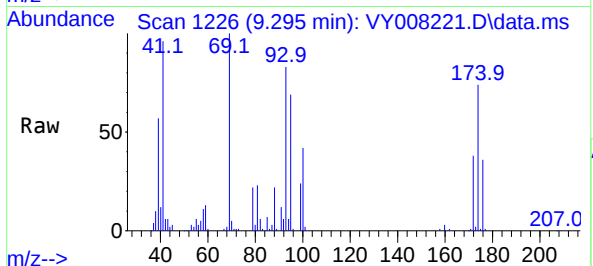
Tgt Ion: 88 Resp: 12424

Ion Ratio Lower Upper

88 100

43 24.7 32.8 49.2#

58 54.8 59.8 89.6#



#50

Toluene-d8

Concen: 47.777 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008221.D

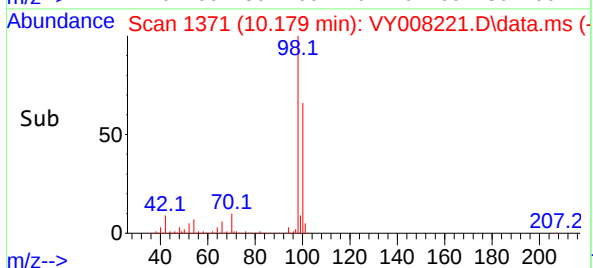
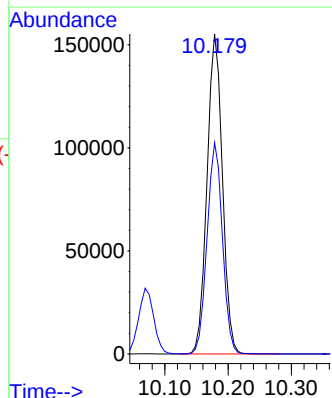
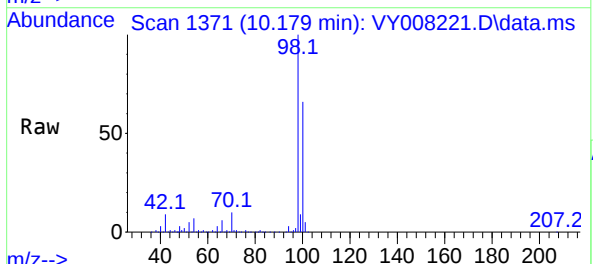
Acq: 05 Apr 2022 19:44

Tgt Ion: 98 Resp: 262668

Ion Ratio Lower Upper

98 100

100 66.0 50.2 75.2

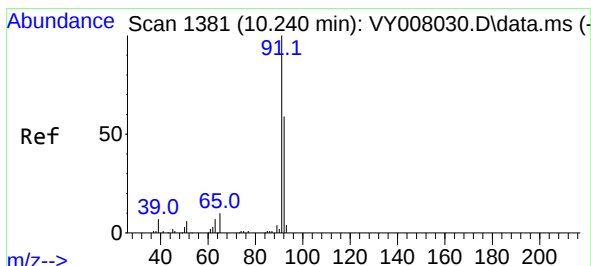
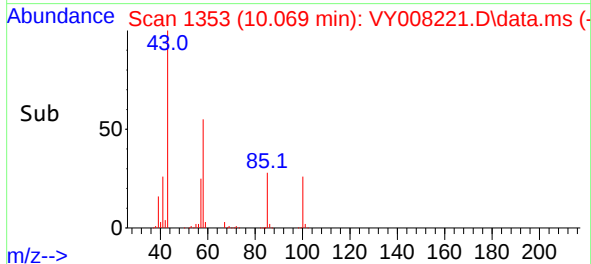
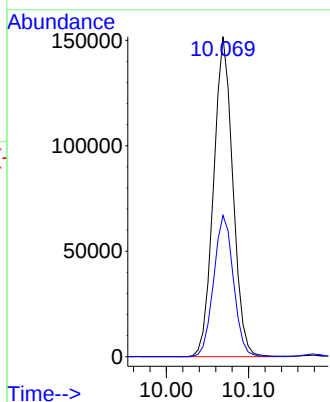
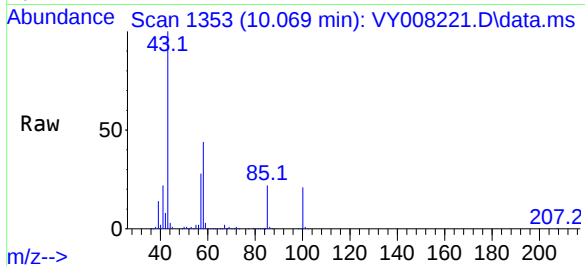




#51  
4-Methyl-2-Pentanone  
Concen: 233.365 ug/l  
RT: 10.069 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

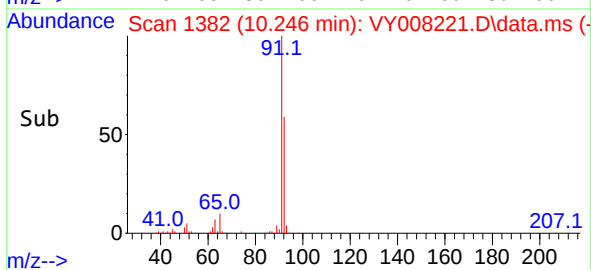
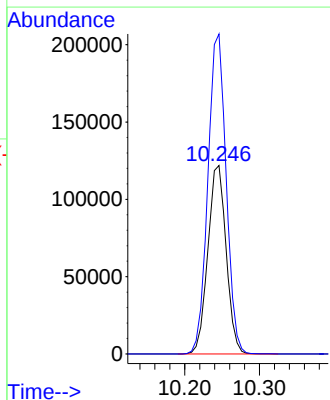
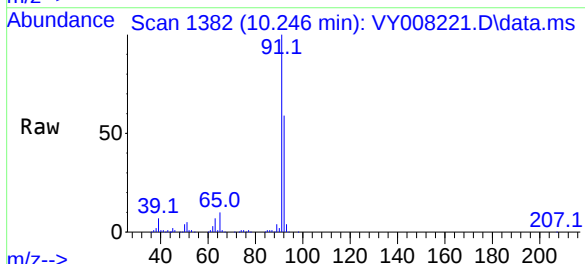
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

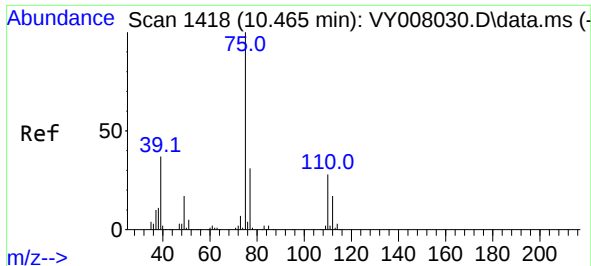
Tgt Ion: 43 Resp: 247415  
Ion Ratio Lower Upper  
43 100  
58 45.2 28.1 42.1#



#52  
Toluene  
Concen: 48.183 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.006 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion: 92 Resp: 207189  
Ion Ratio Lower Upper  
92 100  
91 169.6 142.6 213.8

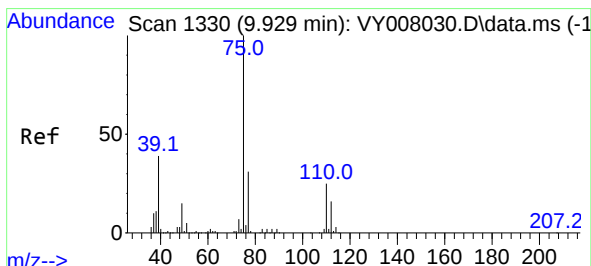
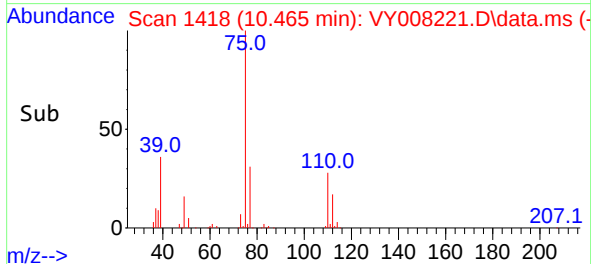
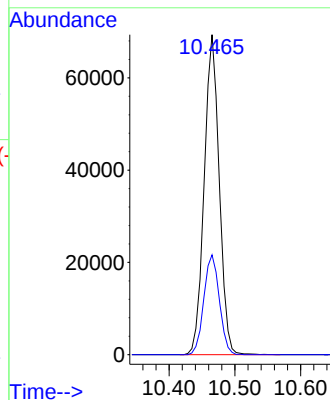
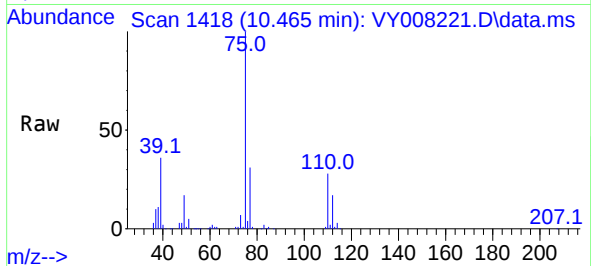




#53  
 t-1,3-Dichloropropene  
 Concen: 46.241 ug/l  
 RT: 10.465 min Scan# 1418  
 Delta R.T. 0.000 min  
 Lab File: VY008221.D  
 Acq: 05 Apr 2022 19:44

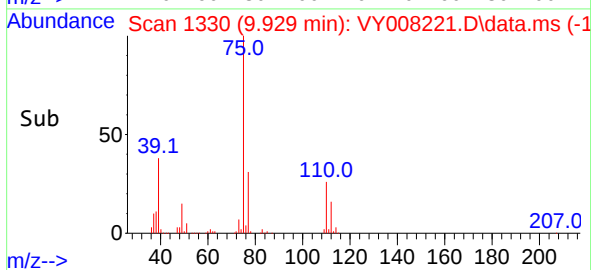
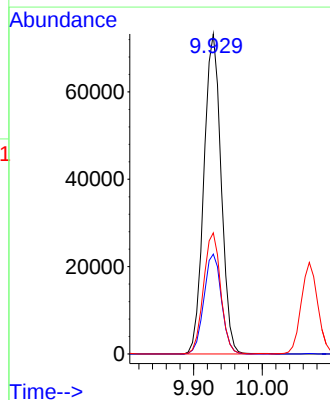
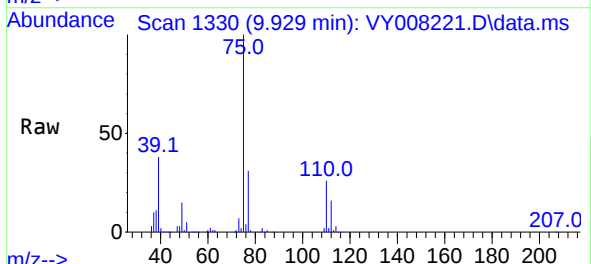
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 75 Resp: 110128  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 47.574 ug/l  
 RT: 9.929 min Scan# 1330  
 Delta R.T. -0.000 min  
 Lab File: VY008221.D  
 Acq: 05 Apr 2022 19:44

Tgt Ion: 75 Resp: 128261  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 25.6 38.4  
 39 37.9 47.6 71.4#

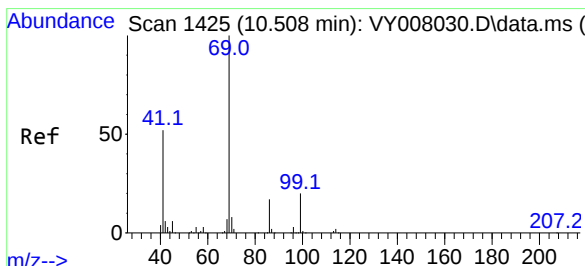
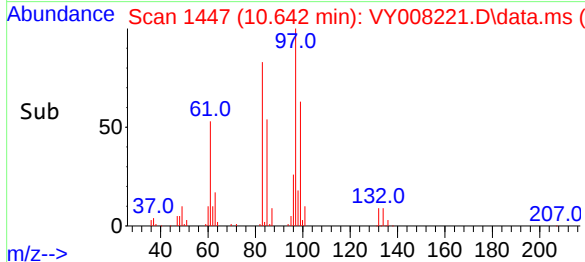
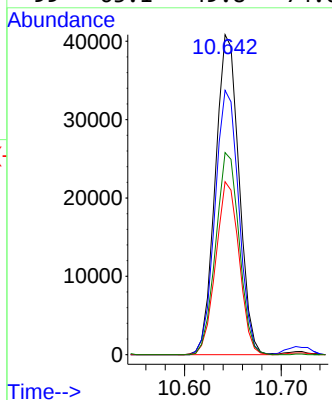
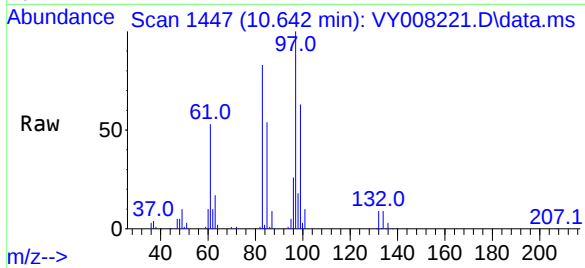




#55  
1,1,2-Trichloroethane  
Concen: 49.423 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

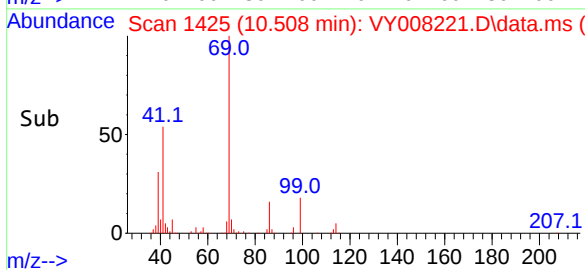
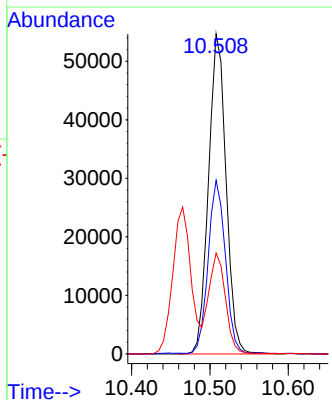
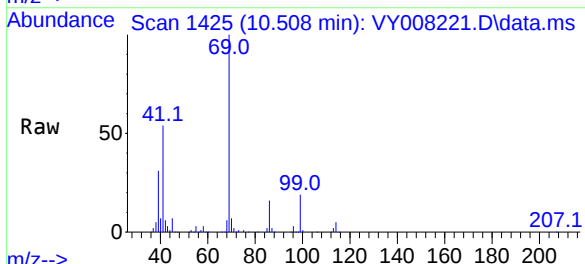
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

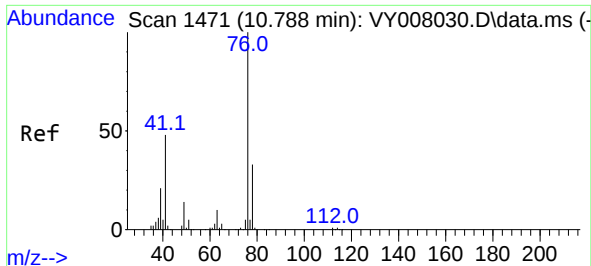
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 69340 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 82.6     | 69.8 104.8  |
| 85 54.1     | 44.3 66.5   |
| 99 63.1     | 49.8 74.6   |



#56  
Ethyl methacrylate  
Concen: 46.453 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 85014 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 53.3     | 63.4 95.0#  |
| 39 29.7     | 35.8 53.8#  |





#57

1,3-Dichloropropane

Concen: 48.758 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008221.D

Acq: 05 Apr 2022 19:44

Instrument :

MSVOA\_Y

ClientSampleId :

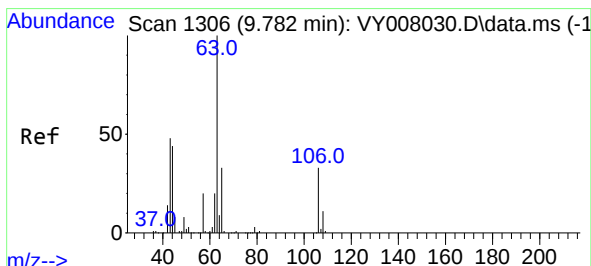
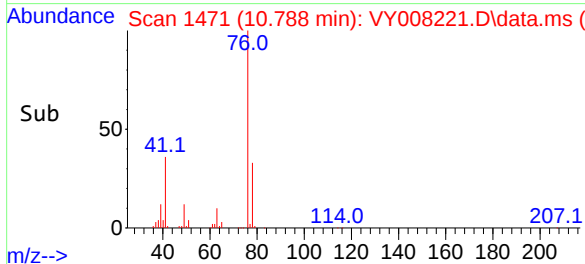
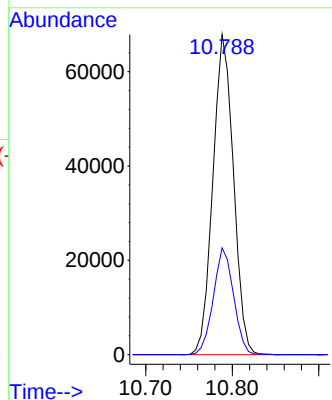
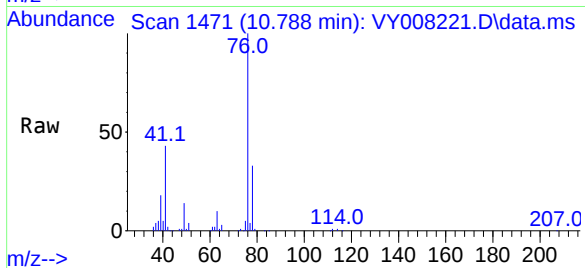
VSTDCCC050EC

Tgt Ion: 76 Resp: 111960

Ion Ratio Lower Upper

76 100

78 32.8 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 213.969 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008221.D

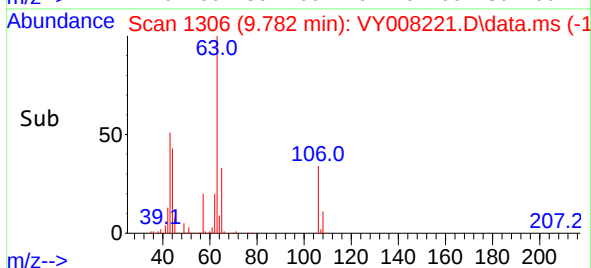
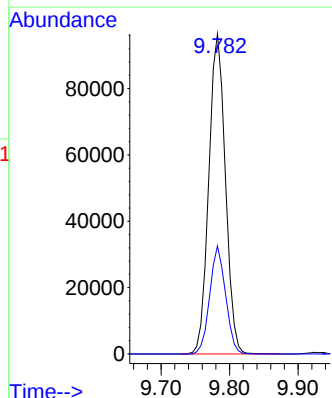
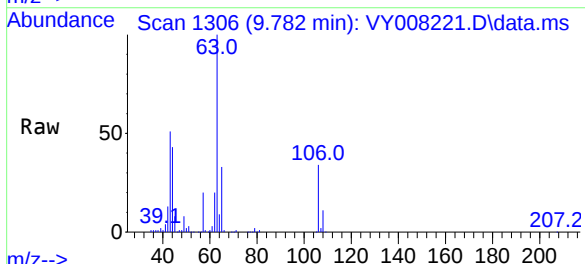
Acq: 05 Apr 2022 19:44

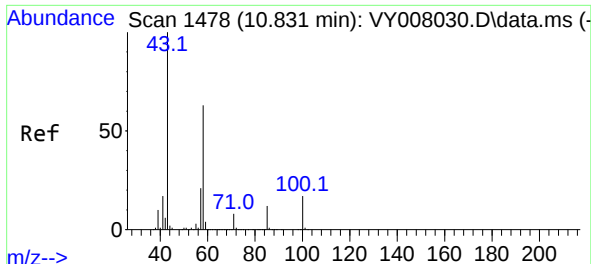
Tgt Ion: 63 Resp: 162246

Ion Ratio Lower Upper

63 100

106 32.1 21.5 32.3

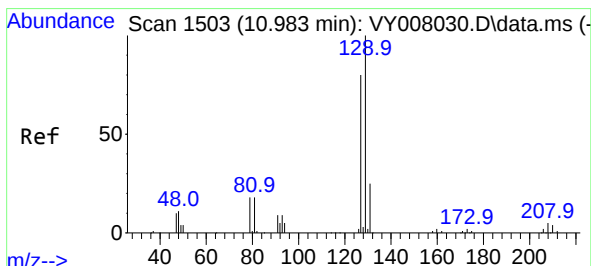
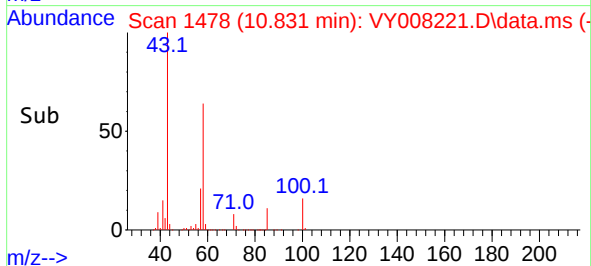
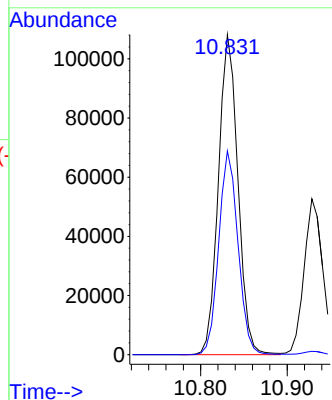
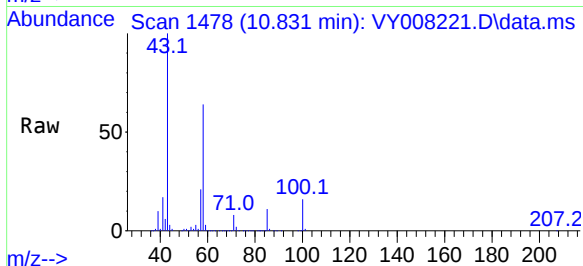




#59  
2-Hexanone  
Concen: 228.091 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

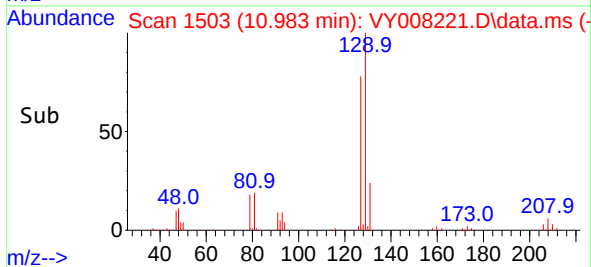
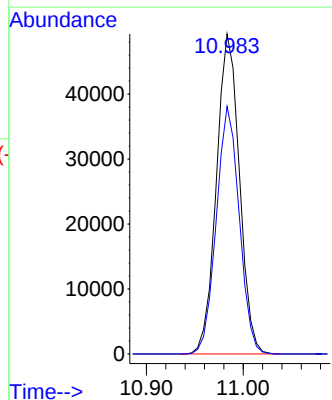
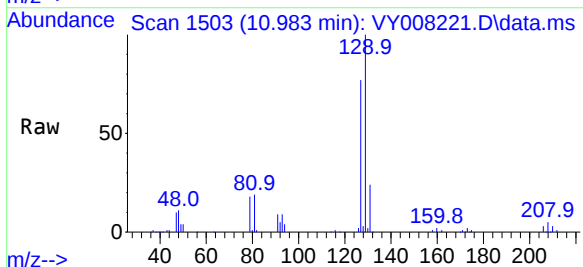
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

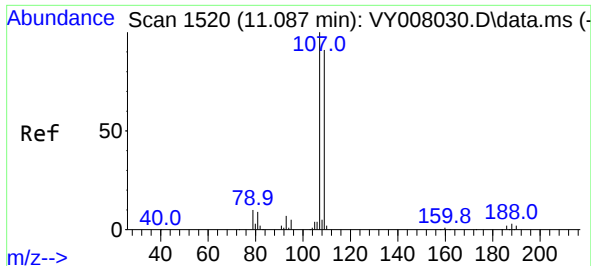
Tgt Ion: 43 Resp: 169216  
Ion Ratio Lower Upper  
43 100  
58 63.0 24.4 73.4



#60  
Dibromochloromethane  
Concen: 47.603 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion: 129 Resp: 81226  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.7 116.1

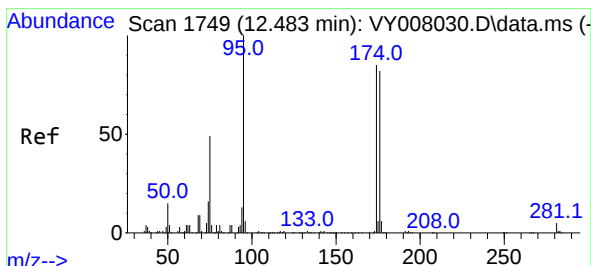
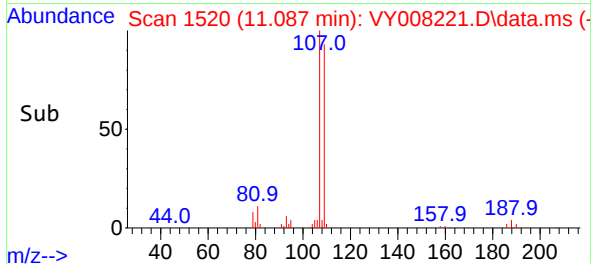
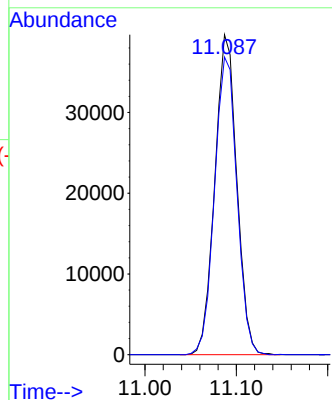
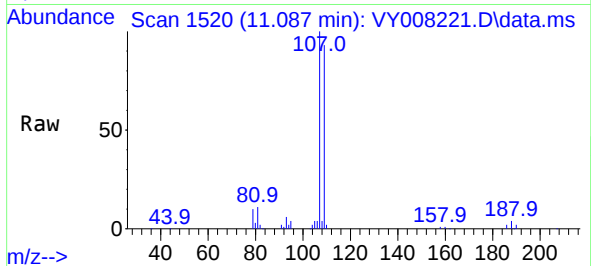




#61  
1,2-Dibromoethane  
Concen: 47.452 ug/l  
RT: 11.087 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

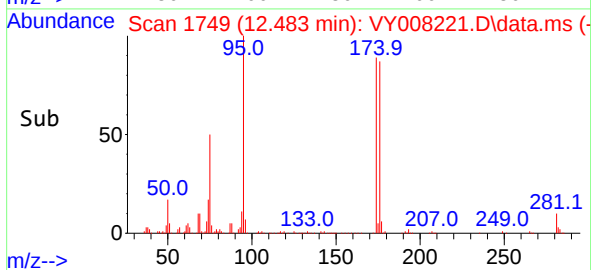
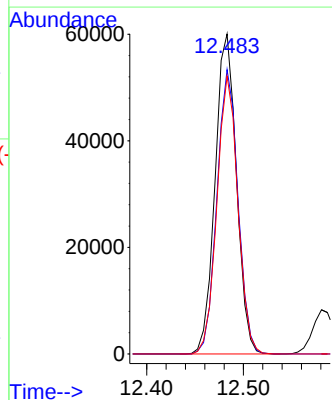
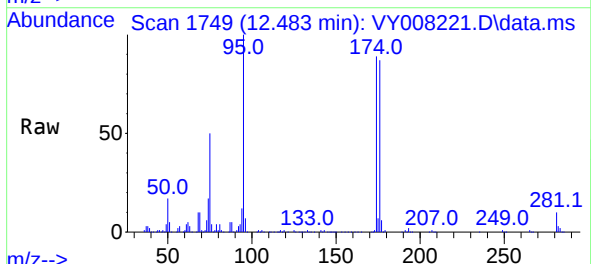
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

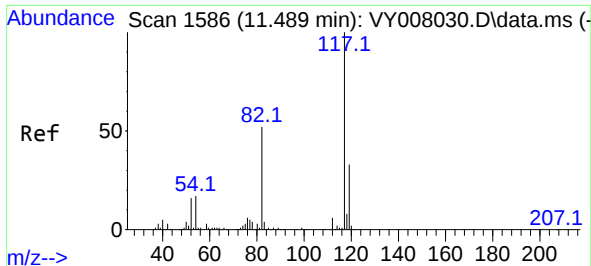
Tgt Ion:107 Resp: 66306  
Ion Ratio Lower Upper  
107 100  
109 94.8 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 47.403 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

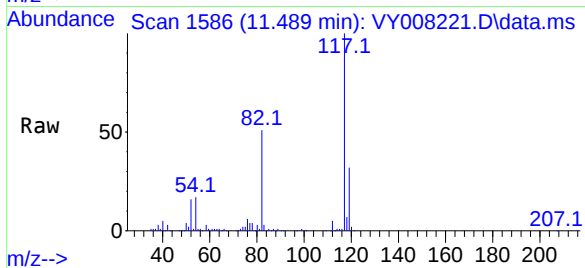
Tgt Ion: 95 Resp: 91943  
Ion Ratio Lower Upper  
95 100  
174 87.5 0.0 177.0  
176 85.0 0.0 175.8



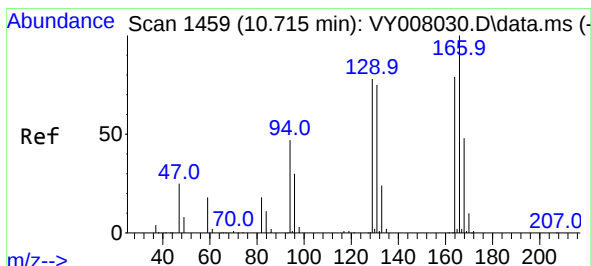
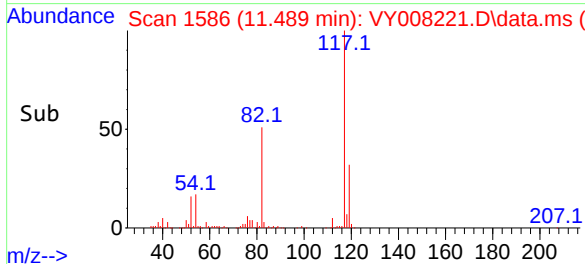
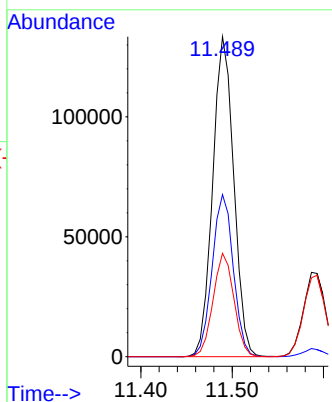


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

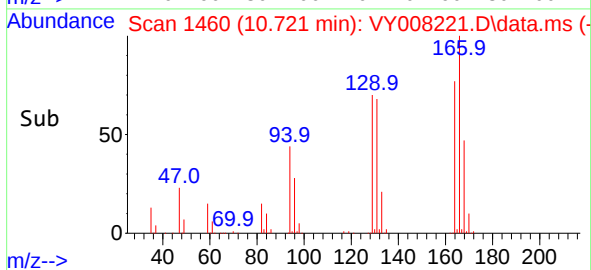
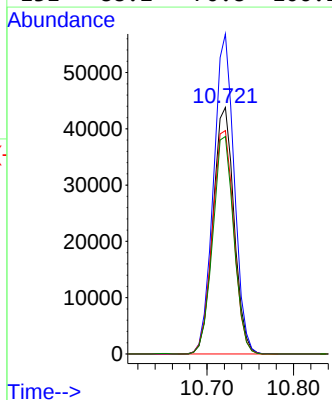
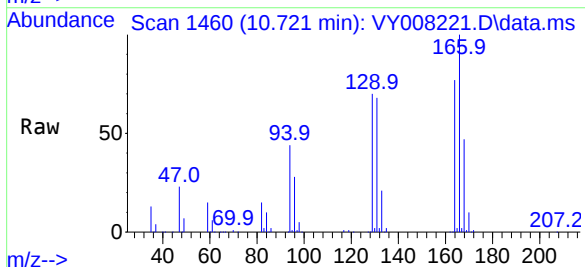


Tgt Ion:117 Resp: 213988  
Ion Ratio Lower Upper  
117 100  
82 50.7 43.0 64.4  
119 32.3 25.4 38.0



#64  
Tetrachloroethene  
Concen: 44.987 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.006 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion:164 Resp: 73937  
Ion Ratio Lower Upper  
164 100  
166 129.8 100.4 150.6  
129 90.6 71.4 107.0  
131 88.2 70.8 106.2

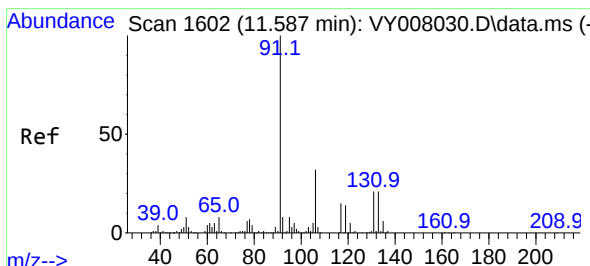
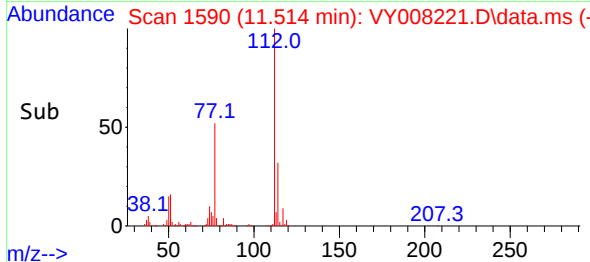
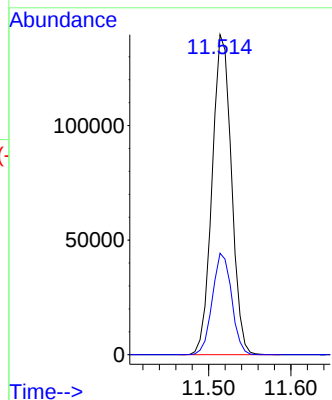
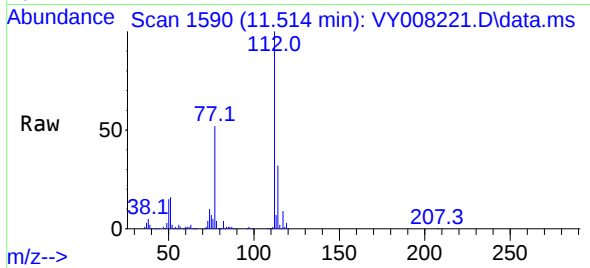




#65  
Chlorobenzene  
Concen: 47.204 ug/l  
RT: 11.514 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

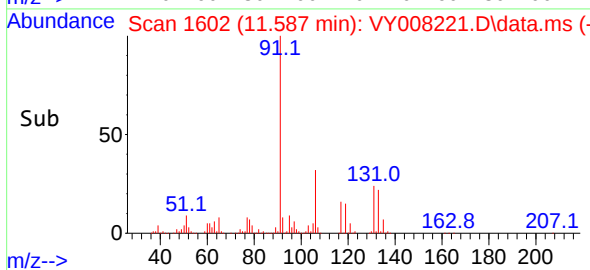
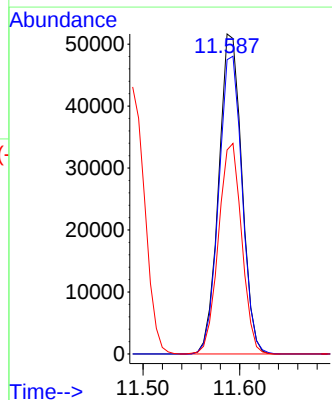
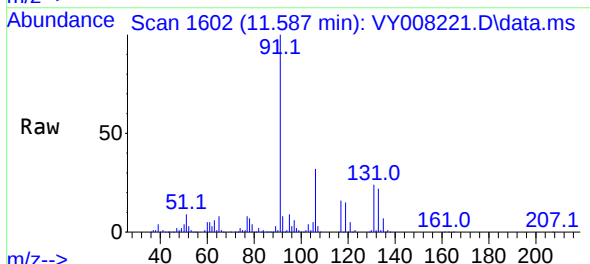
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

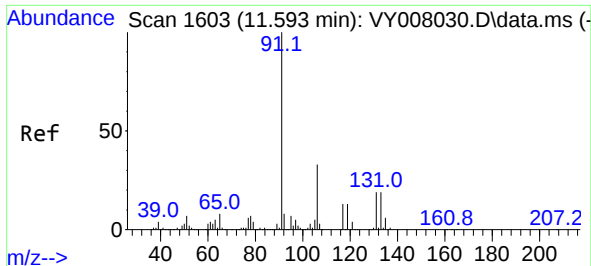
Tgt Ion:112 Resp: 227756  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 47.985 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion:131 Resp: 85402  
Ion Ratio Lower Upper  
131 100  
133 94.2 47.9 143.6  
119 66.1 30.8 92.3

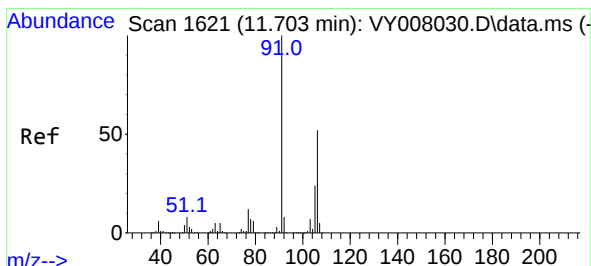
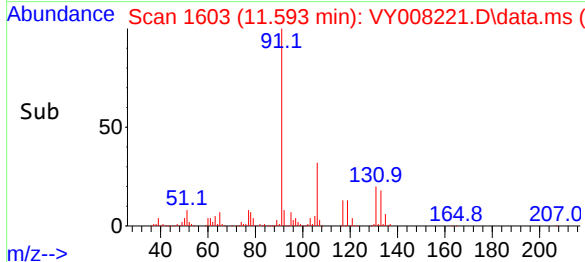
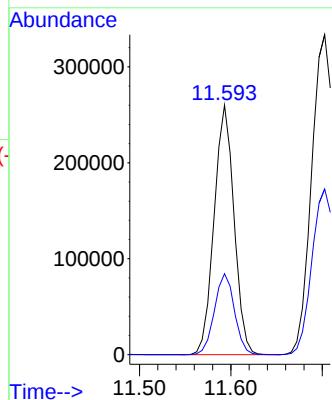
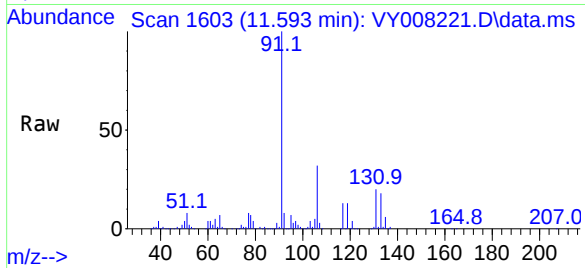




#67  
Ethyl Benzene  
Concen: 46.537 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

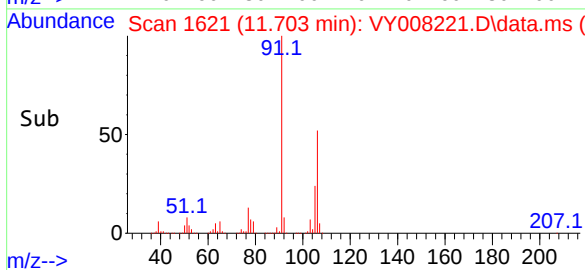
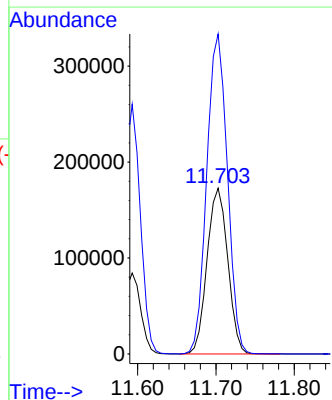
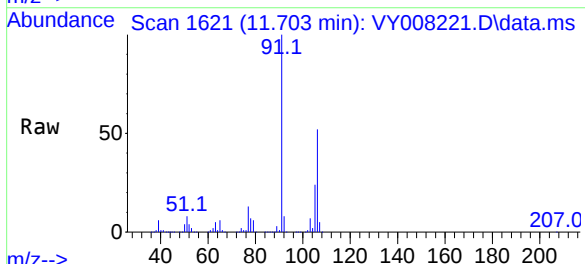
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

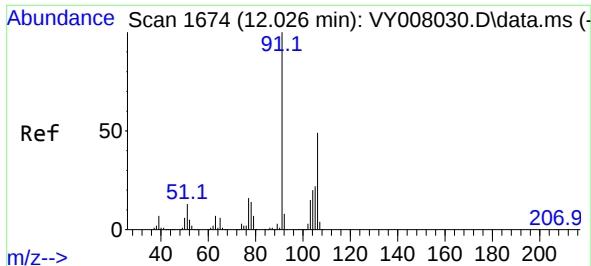
Tgt Ion: 91 Resp: 393545  
Ion Ratio Lower Upper  
91 100  
106 32.4 24.5 36.7



#68  
m/p-Xylenes  
Concen: 94.246 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion: 106 Resp: 316921  
Ion Ratio Lower Upper  
106 100  
91 192.6 166.6 249.8

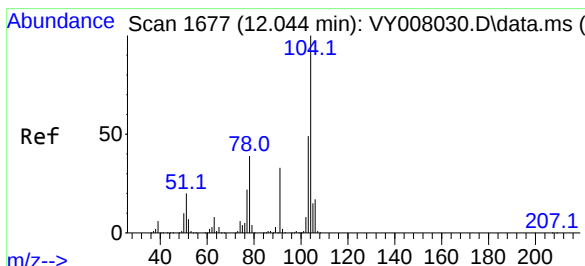
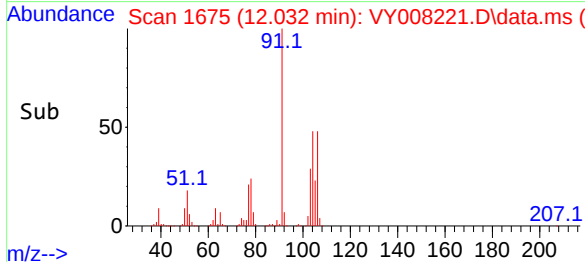
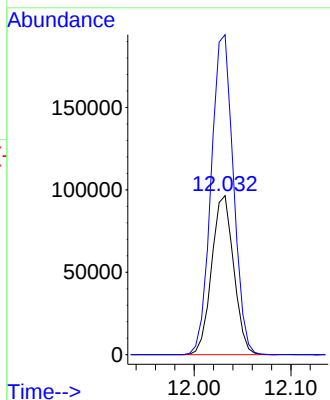
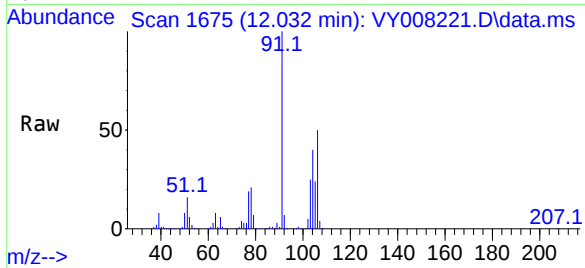




#69  
o-Xylene  
Concen: 47.470 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.006 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

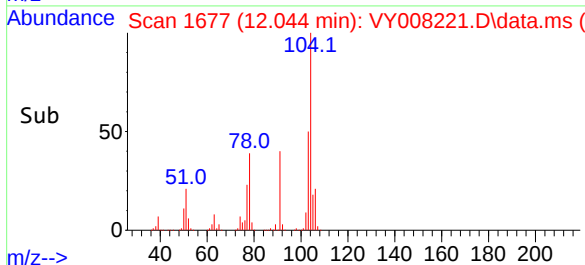
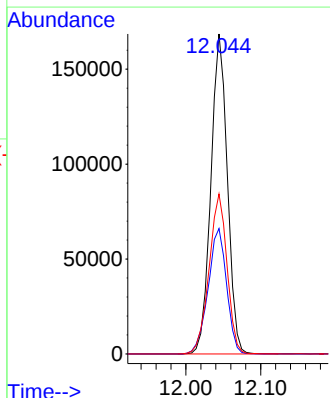
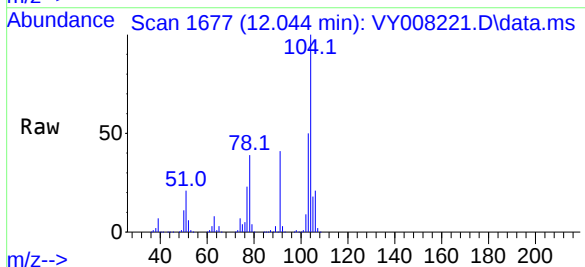
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

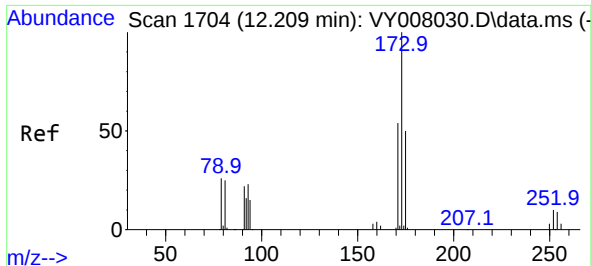
Tgt Ion:106 Resp: 152837  
Ion Ratio Lower Upper  
106 100  
91 202.8 110.3 331.0



#70  
Styrene  
Concen: 48.976 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion:104 Resp: 258134  
Ion Ratio Lower Upper  
104 100  
78 43.9 42.4 63.6  
103 54.5 44.4 66.6

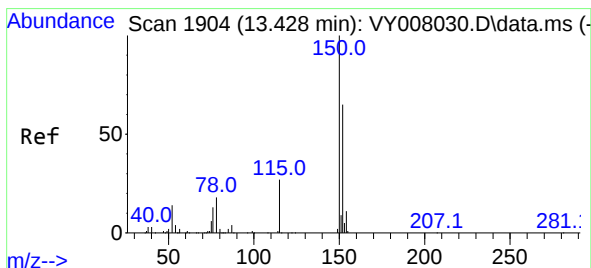
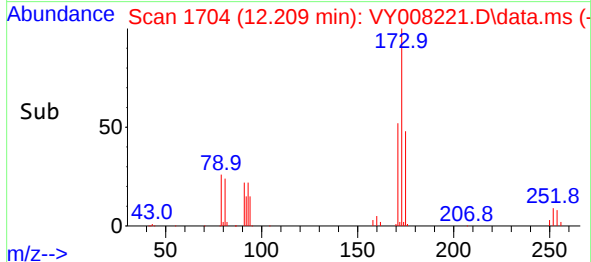
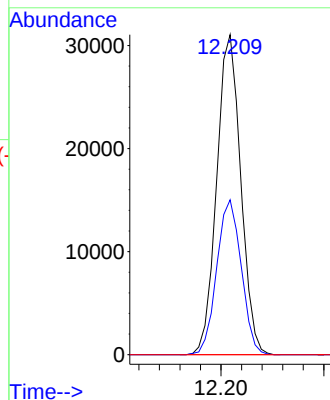
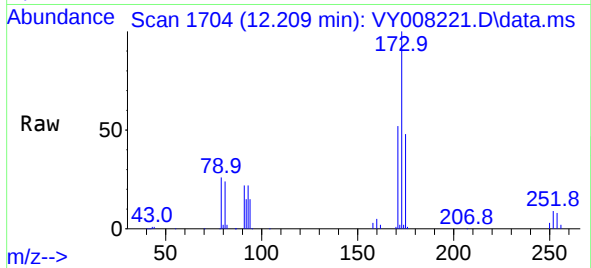




#71  
Bromoform  
Concen: 46.859 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

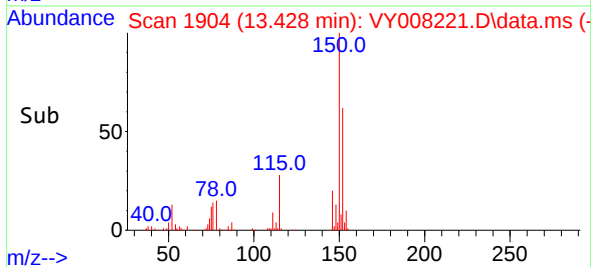
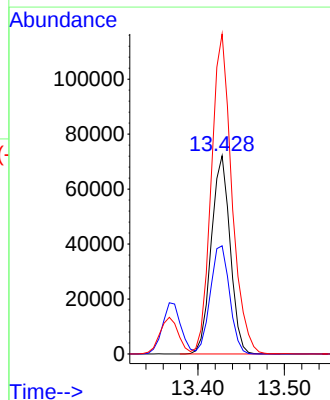
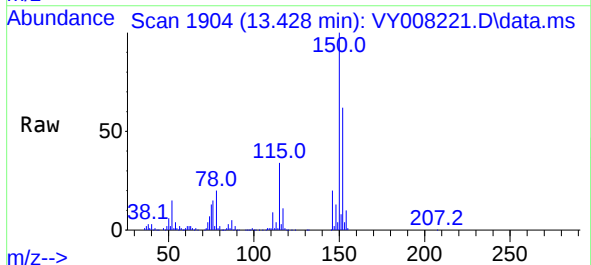
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:173 Resp: 50353  
Ion Ratio Lower Upper  
173 100  
175 49.3 24.6 74.0  
254 0.0 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: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion:152 Resp: 108999  
Ion Ratio Lower Upper  
152 100  
115 55.9 28.2 84.7  
150 176.2 0.0 347.6

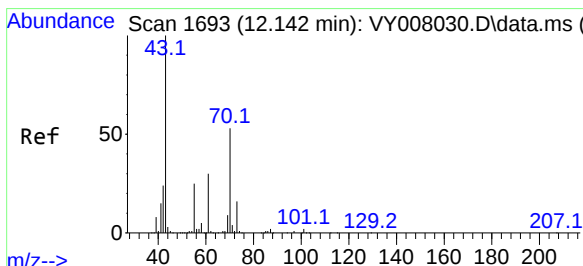
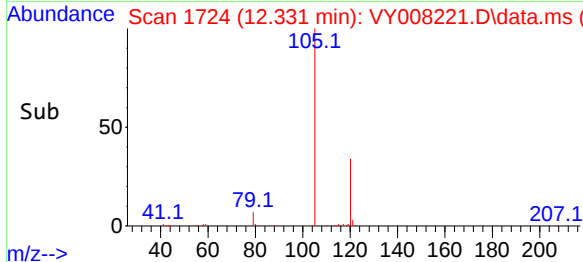
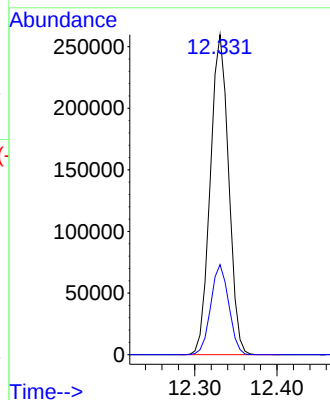
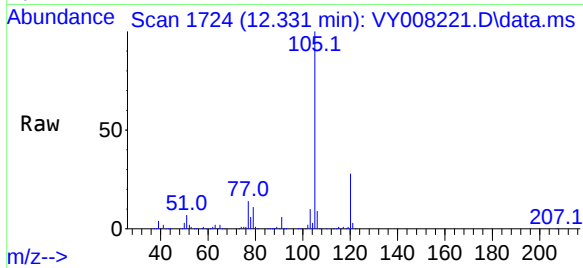




#73  
Isopropylbenzene  
Concen: 44.670 ug/l  
RT: 12.331 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

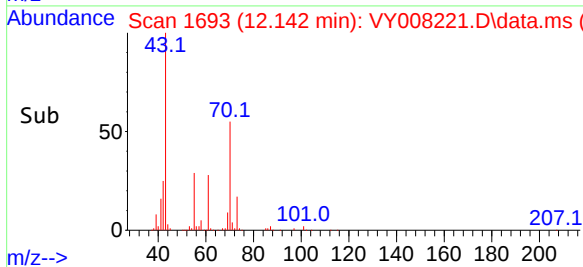
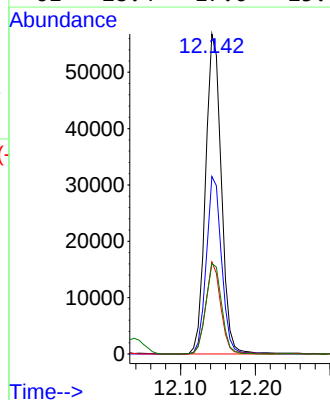
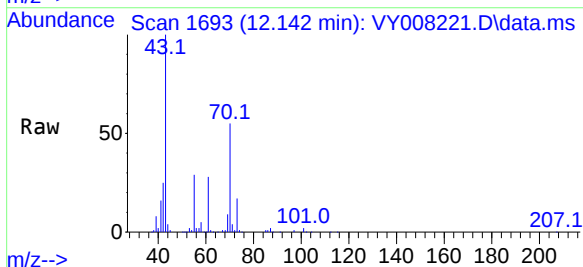
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

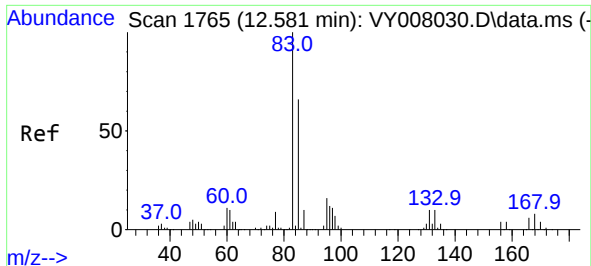
Tgt Ion:105 Resp: 401893  
Ion Ratio Lower Upper  
105 100  
120 27.6 13.4 40.2



#74  
N-ethyl acetate  
Concen: 42.016 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion: 43 Resp: 83096  
Ion Ratio Lower Upper  
43 100  
70 53.8 28.7 43.1#  
55 27.3 17.3 25.9#  
61 28.4 17.0 25.6#

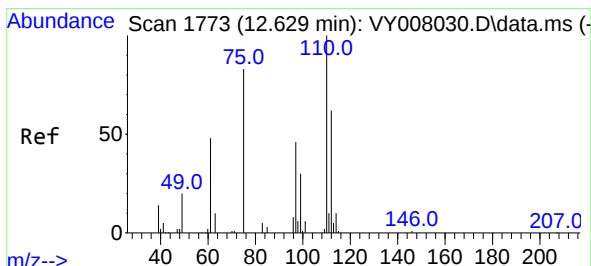
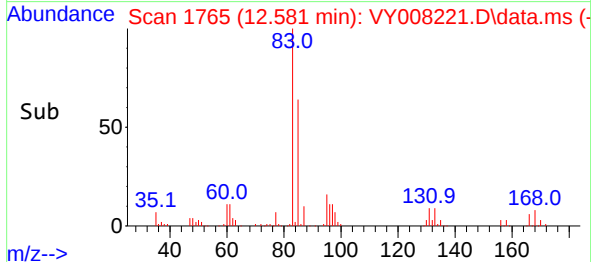
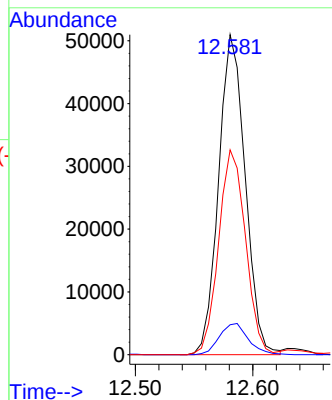
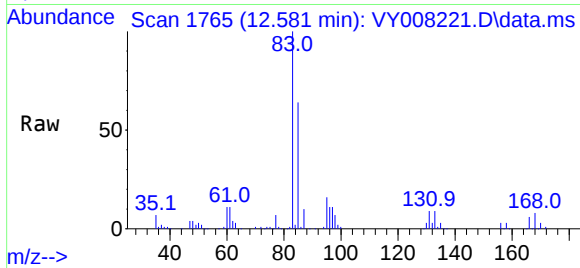




#75  
1,1,2,2-Tetrachloroethane  
Concen: 45.900 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

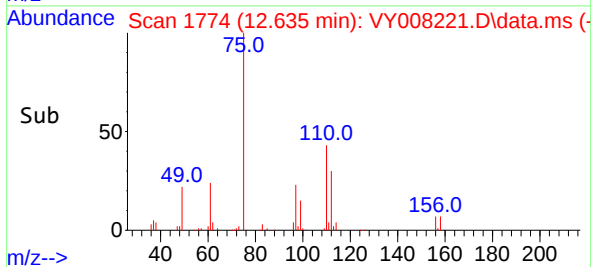
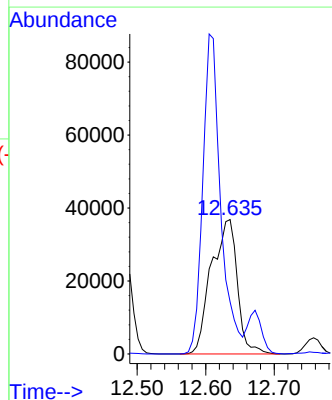
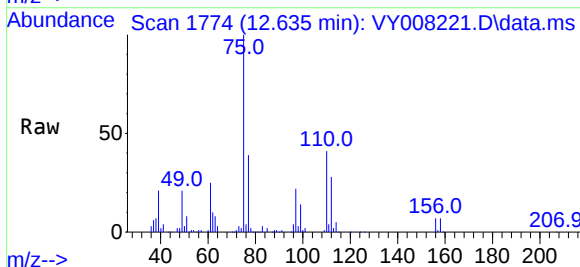
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 80267  
Ion Ratio Lower Upper  
83 100  
131 10.6 5.6 16.8  
85 64.7 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 72.919 ug/l  
RT: 12.635 min Scan# 1774  
Delta R.T. 0.006 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion: 75 Resp: 96888  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

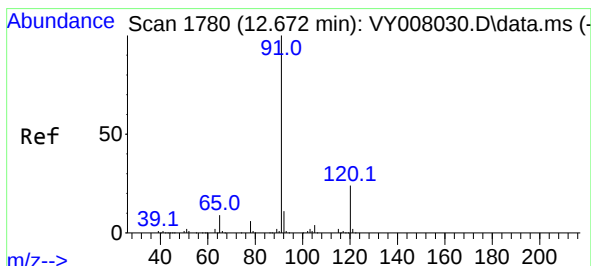
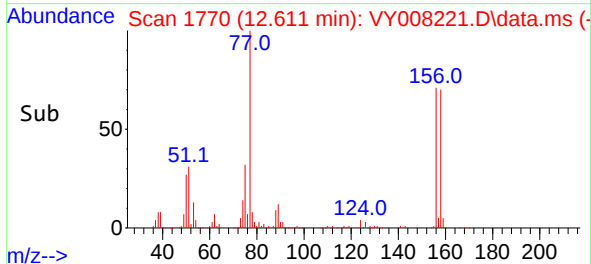
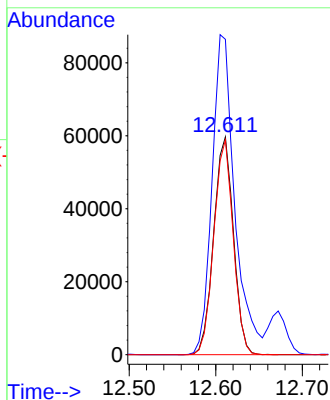
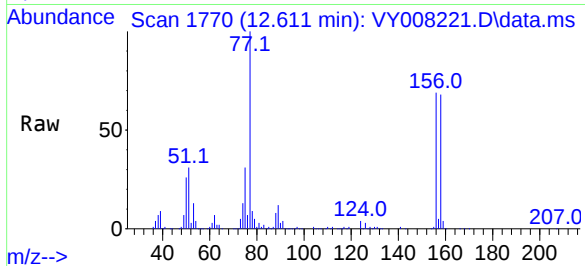




#77  
Bromobenzene  
Concen: 45.828 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.006 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

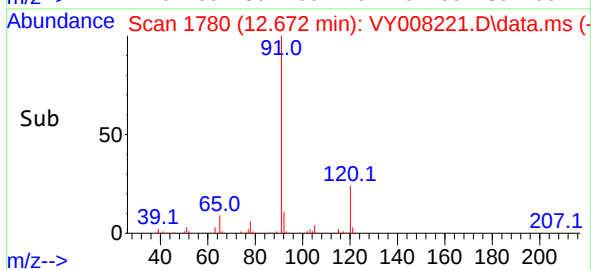
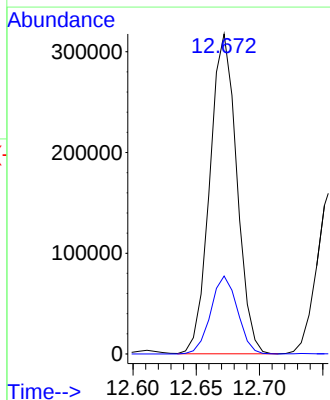
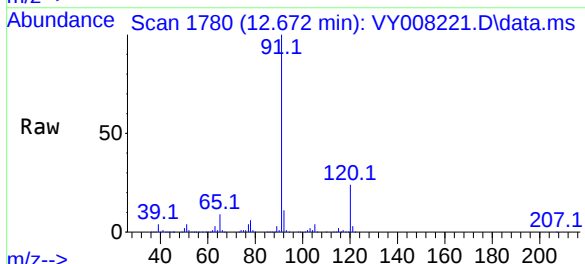
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:156 Resp: 94590  
Ion Ratio Lower Upper  
156 100  
77 168.7 95.5 286.4  
158 96.8 48.0 144.0



#78  
n-propylbenzene  
Concen: 44.381 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion: 91 Resp: 470982  
Ion Ratio Lower Upper  
91 100  
120 24.1 11.3 33.9

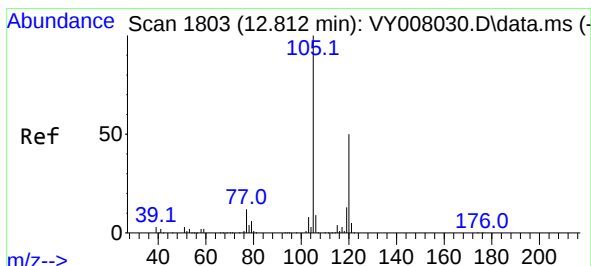
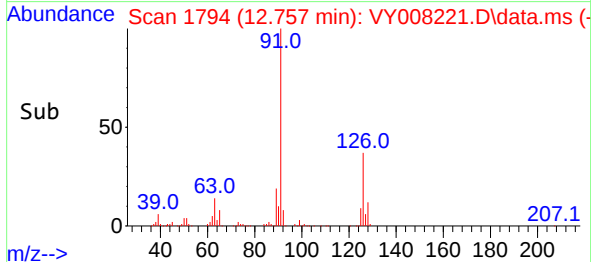
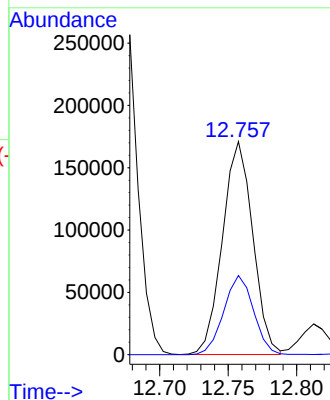
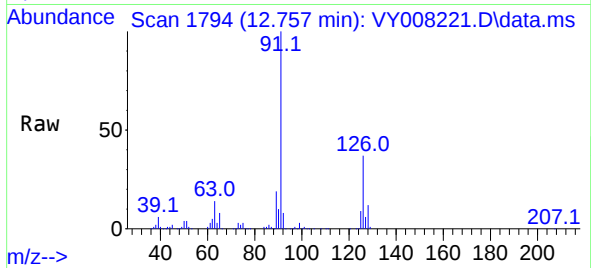




#79  
2-Chlorotoluene  
Concen: 44.781 ug/l  
RT: 12.757 min Scan# 1794  
Delta R.T. -0.001 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

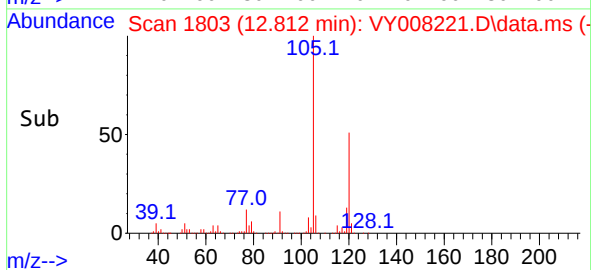
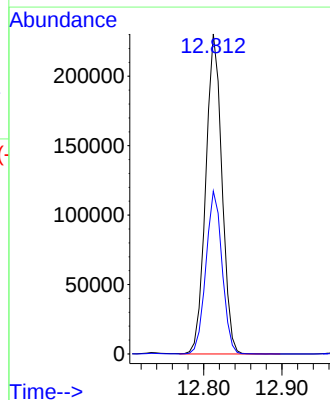
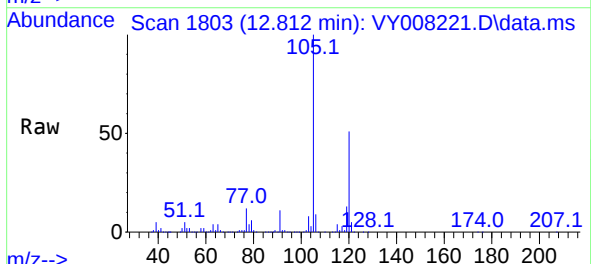
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

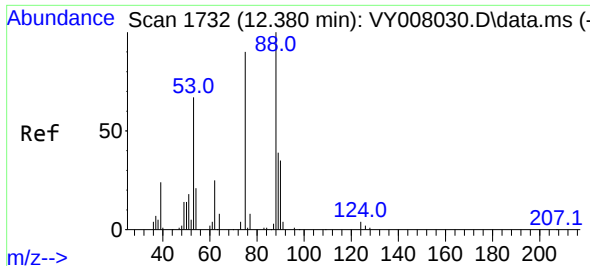
Tgt Ion: 91 Resp: 263622  
Ion Ratio Lower Upper  
91 100  
126 36.6 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 44.744 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion: 105 Resp: 329786  
Ion Ratio Lower Upper  
105 100  
120 50.8 24.4 73.4

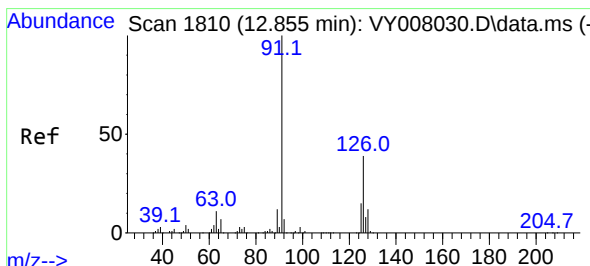
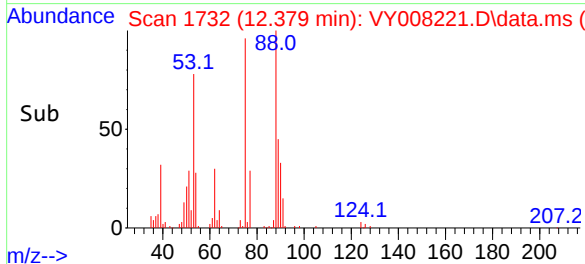
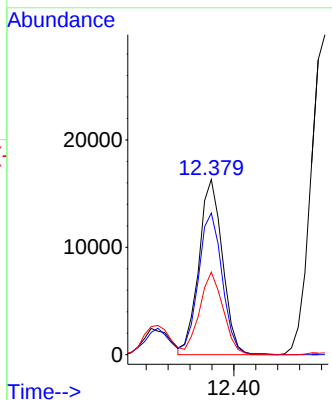
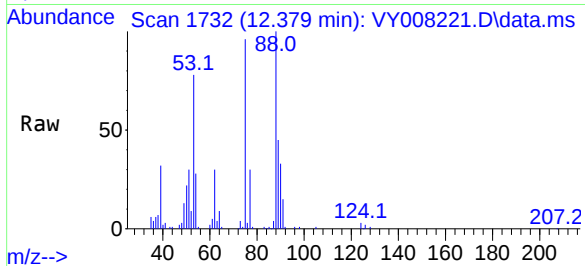




#81  
trans-1,4-Dichloro-2-butene  
Concen: 41.031 ug/l  
RT: 12.379 min Scan# 1732  
Delta R.T. -0.001 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

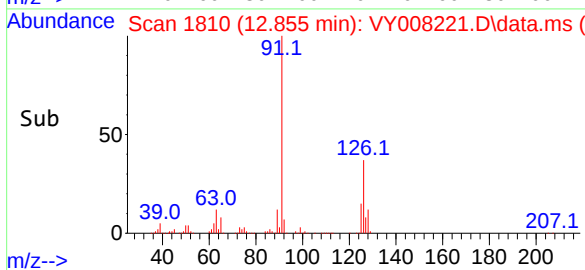
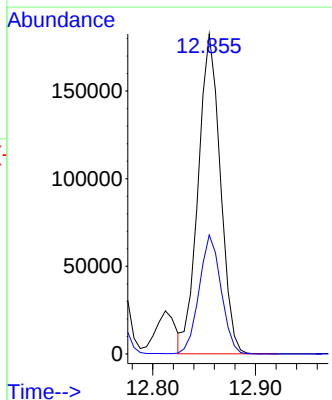
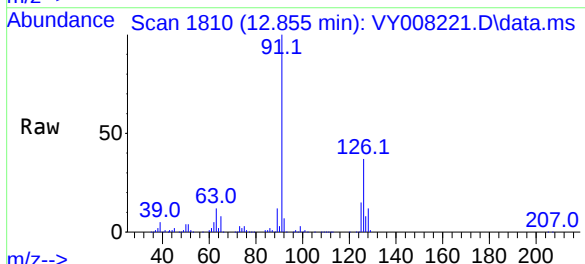
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

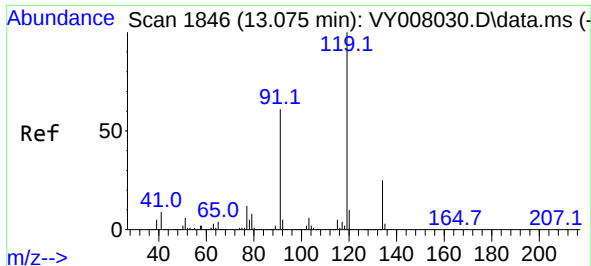
Tgt Ion: 75 Resp: 24435  
Ion Ratio Lower Upper  
75 100  
53 81.9 85.3 127.9#  
89 46.6 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 45.232 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion: 91 Resp: 273219  
Ion Ratio Lower Upper  
91 100  
126 36.8 17.0 51.0

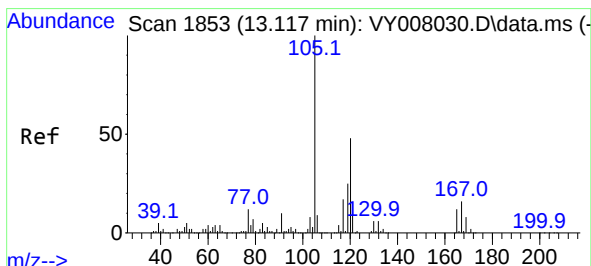
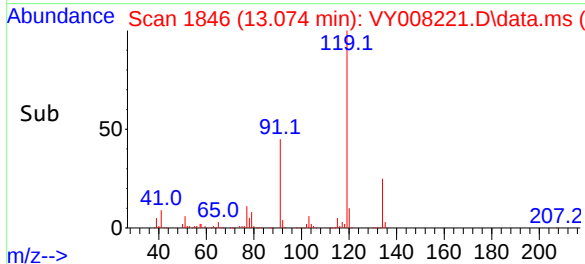
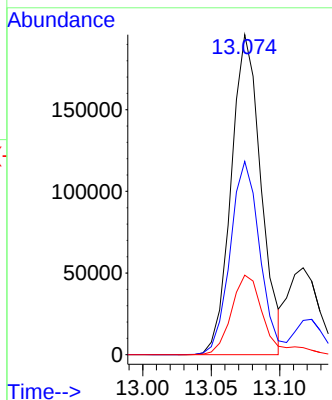
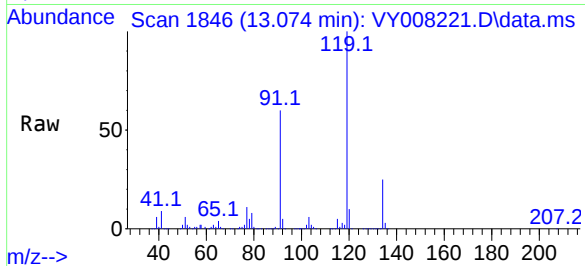




#83  
tert-Butylbenzene  
Concen: 45.373 ug/l  
RT: 13.074 min Scan# 1846  
Delta R.T. -0.001 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

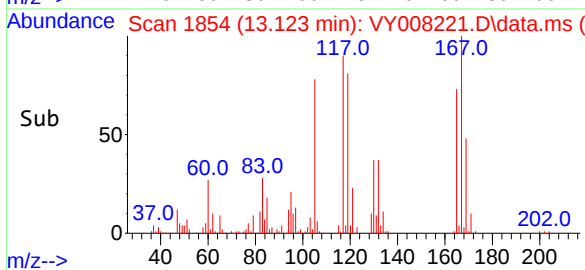
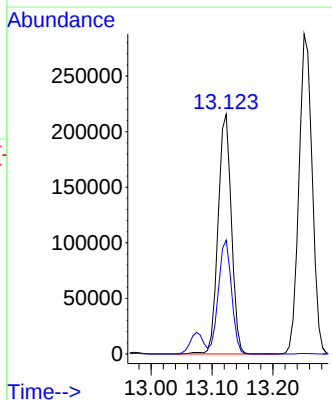
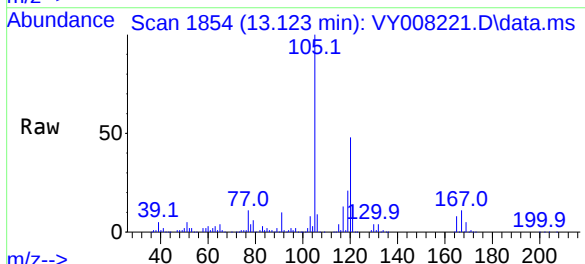
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

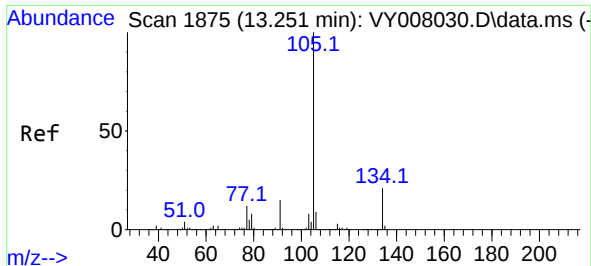
Tgt Ion:119 Resp: 297944  
Ion Ratio Lower Upper  
119 100  
91 60.3 34.8 104.4  
134 27.3 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 45.414 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.006 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion:105 Resp: 325961  
Ion Ratio Lower Upper  
105 100  
120 47.0 22.3 66.9

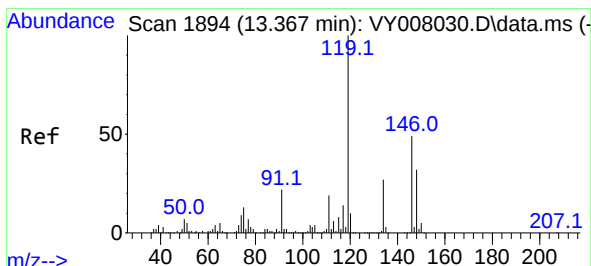
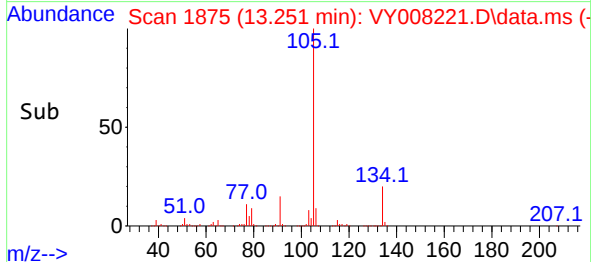
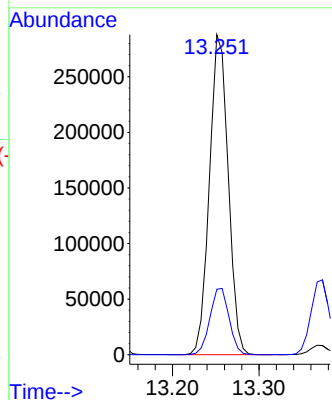
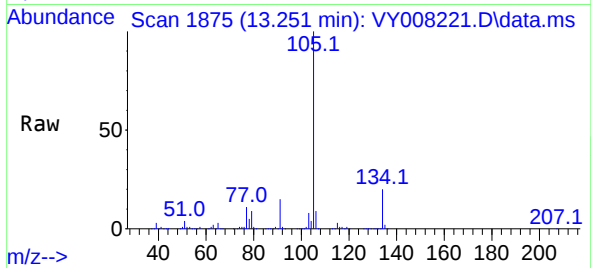




#85  
 sec-Butylbenzene  
 Concen: 44.734 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY008221.D  
 Acq: 05 Apr 2022 19:44

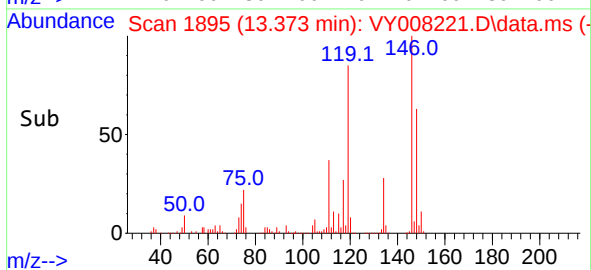
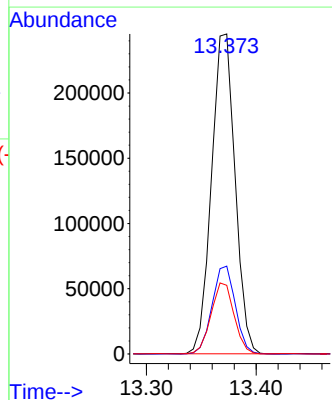
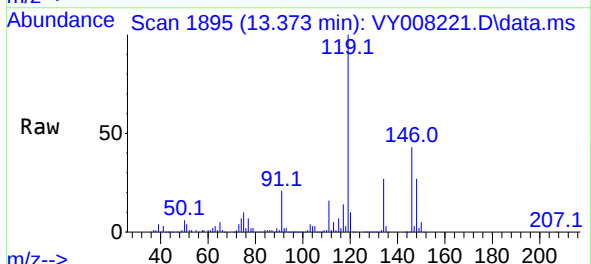
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

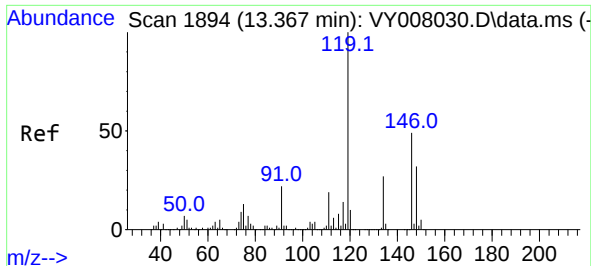
Tgt Ion:105 Resp: 433576  
 Ion Ratio Lower Upper  
 105 100  
 134 21.1 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 45.463 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.006 min  
 Lab File: VY008221.D  
 Acq: 05 Apr 2022 19:44

Tgt Ion:119 Resp: 366720  
 Ion Ratio Lower Upper  
 119 100  
 134 27.1 13.2 39.5  
 91 21.7 12.4 37.2

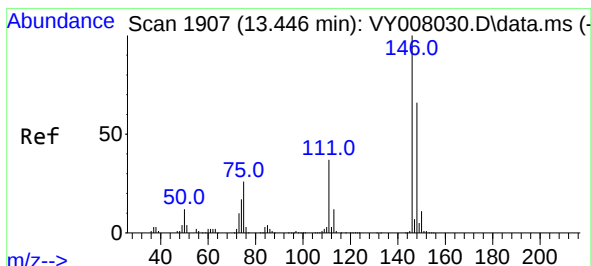
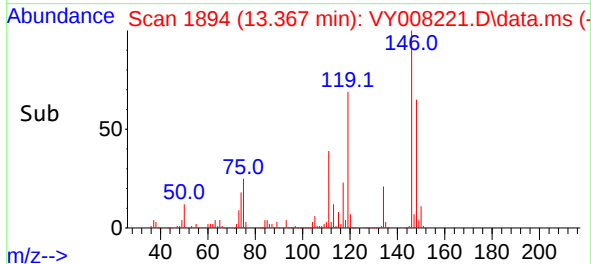
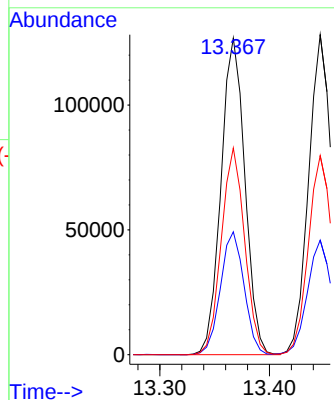
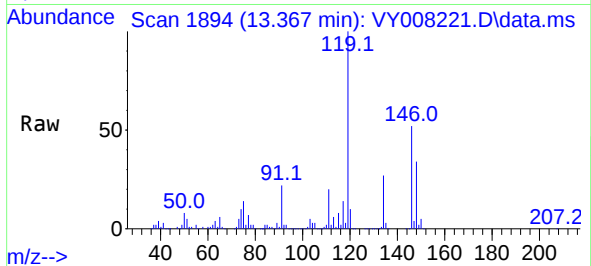




#87  
1,3-Dichlorobenzene  
Concen: 47.033 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

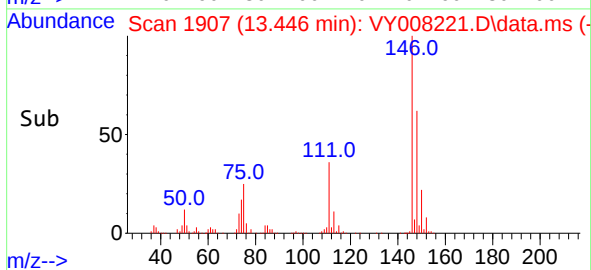
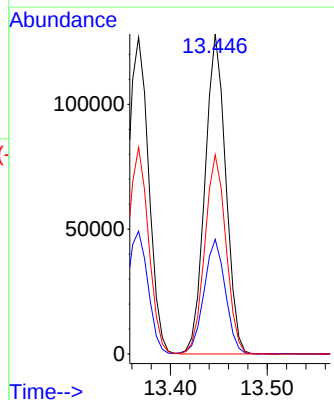
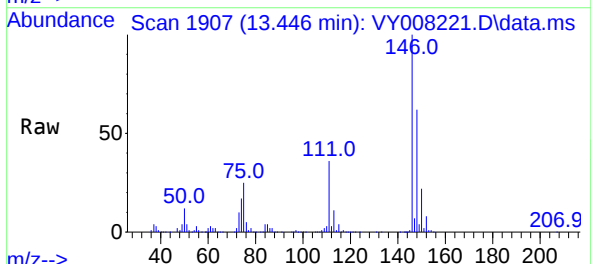
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

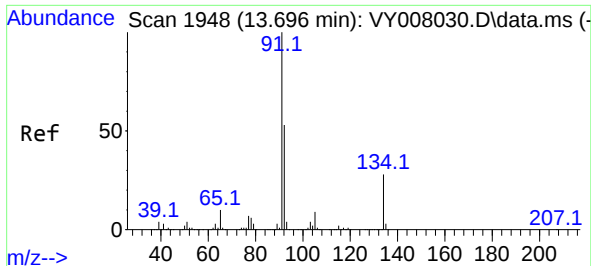
Tgt Ion:146 Resp: 192465  
Ion Ratio Lower Upper  
146 100  
111 38.4 19.5 58.5  
148 63.7 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 46.864 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion:146 Resp: 191250  
Ion Ratio Lower Upper  
146 100  
111 36.9 19.3 57.8  
148 63.5 32.6 97.8

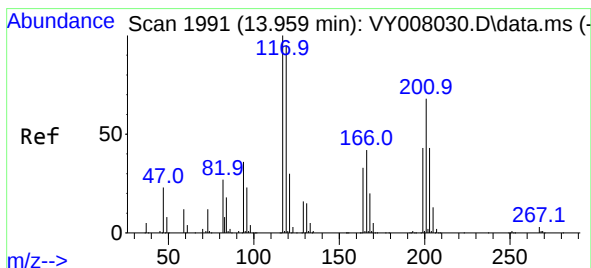
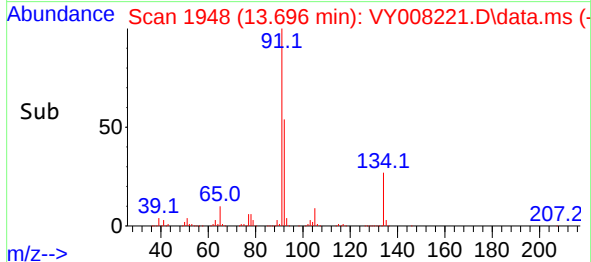
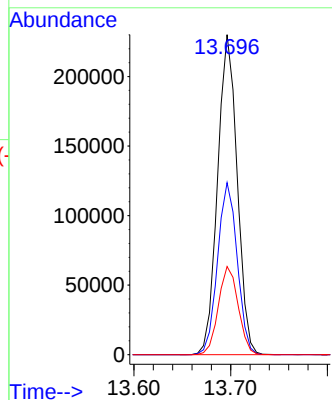
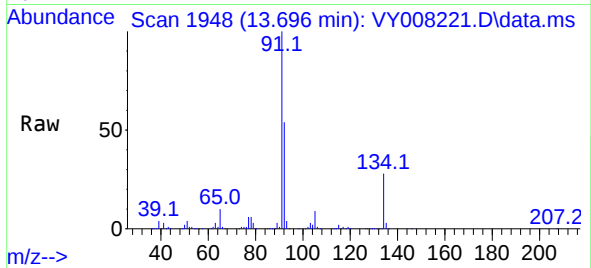




#89  
n-Butylbenzene  
Concen: 43.506 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

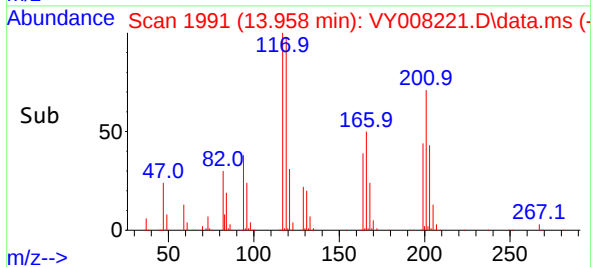
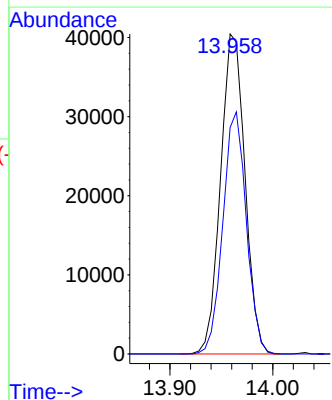
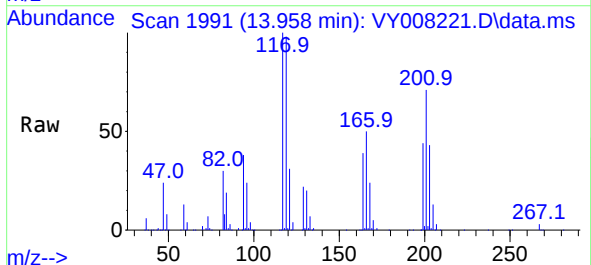
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

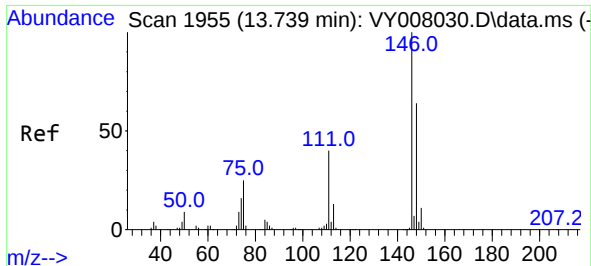
Tgt Ion: 91 Resp: 322884  
Ion Ratio Lower Upper  
91 100  
92 54.0 26.3 78.9  
134 27.9 13.0 38.9



#90  
Hexachloroethane  
Concen: 42.647 ug/l  
RT: 13.958 min Scan# 1991  
Delta R.T. -0.001 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion: 117 Resp: 66654  
Ion Ratio Lower Upper  
117 100  
201 72.8 43.0 128.8

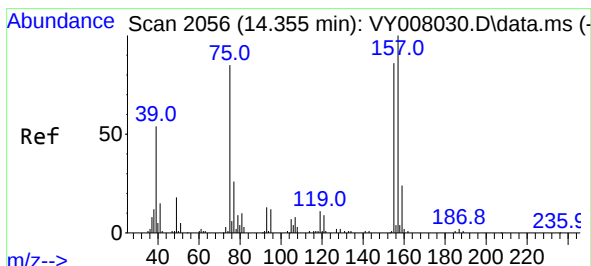
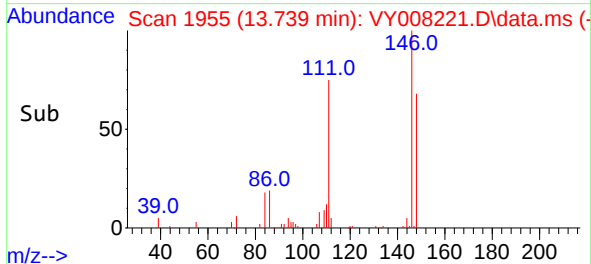
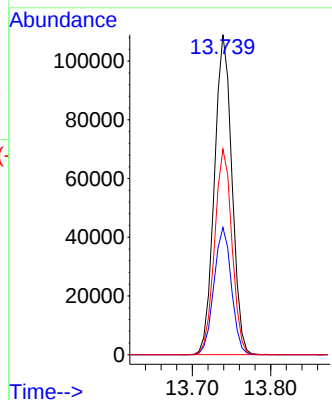
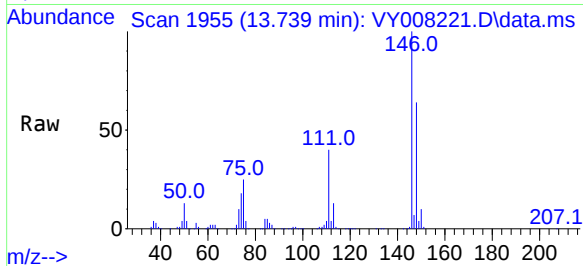




#91  
1,2-Dichlorobenzene  
Concen: 47.044 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

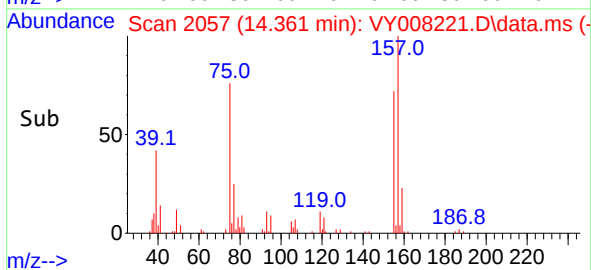
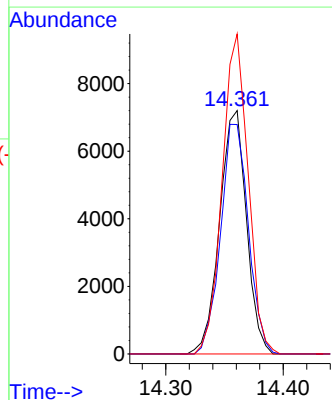
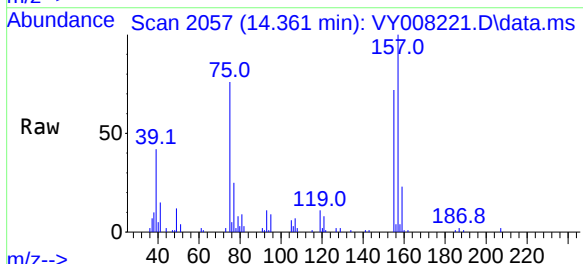
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

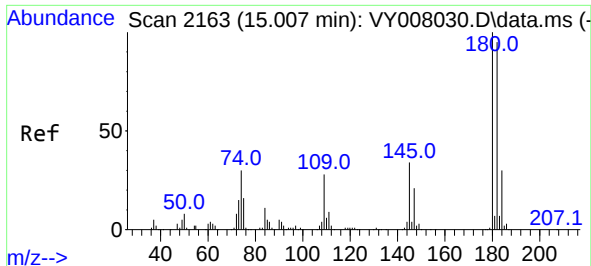
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 169491 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 39.4  | 20.3  | 60.9   |
| 148      | 63.6  | 32.3  | 96.9   |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 40.984 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. 0.006 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 11439 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 97.6  | 38.0  | 113.9 |
| 157      | 126.8 | 47.8  | 143.3 |

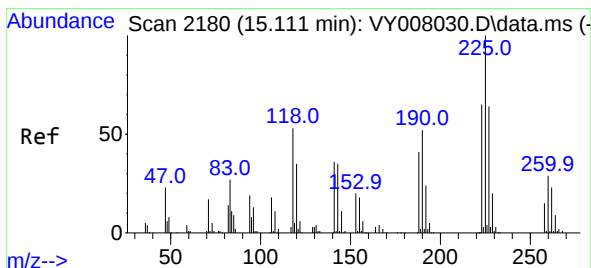
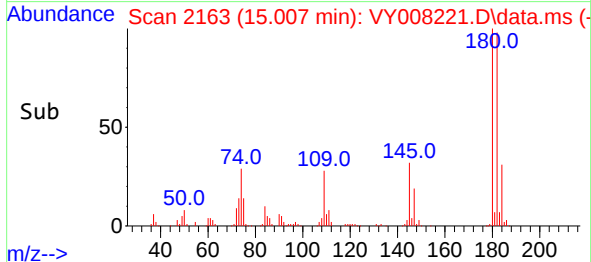
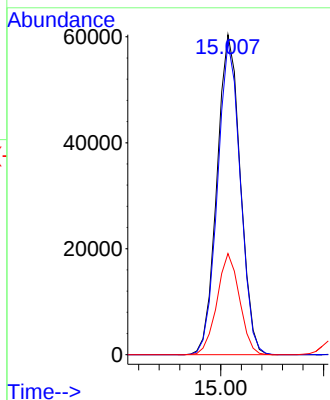
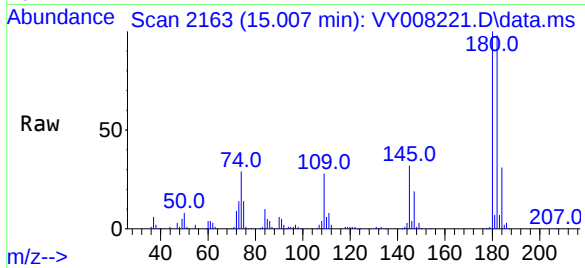




#93  
1,2,4-Trichlorobenzene  
Concen: 44.060 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

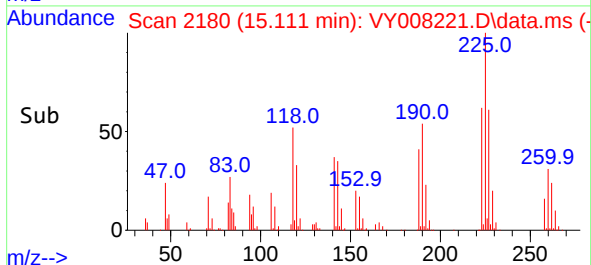
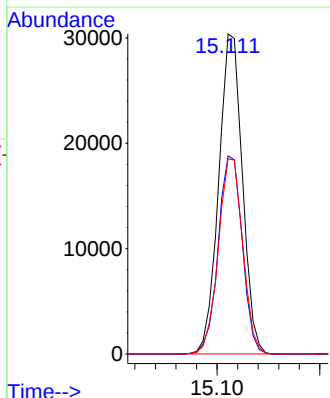
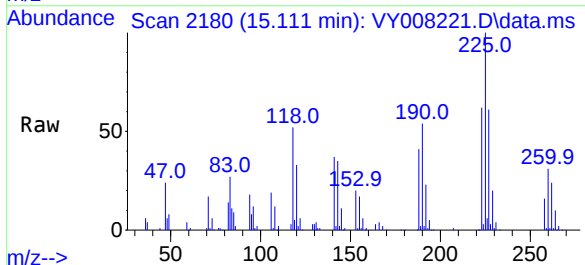
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

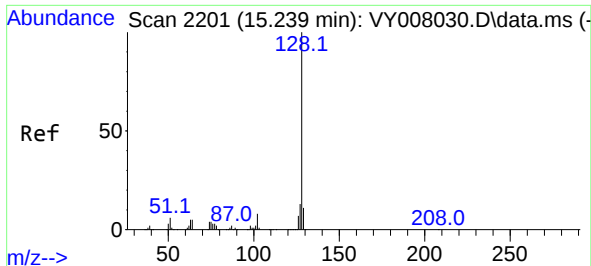
Tgt Ion:180 Resp: 95074  
Ion Ratio Lower Upper  
180 100  
182 95.3 47.3 141.9  
145 30.5 14.6 43.8



#94  
Hexachlorobutadiene  
Concen: 42.568 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Tgt Ion:225 Resp: 48593  
Ion Ratio Lower Upper  
225 100  
223 62.6 30.8 92.3  
227 62.6 31.6 94.7

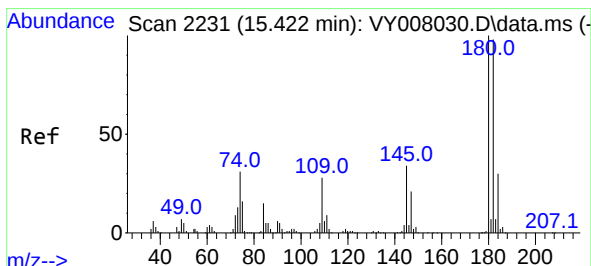
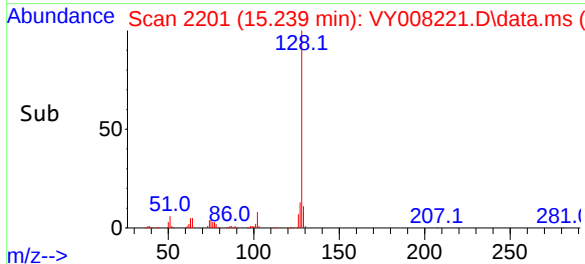
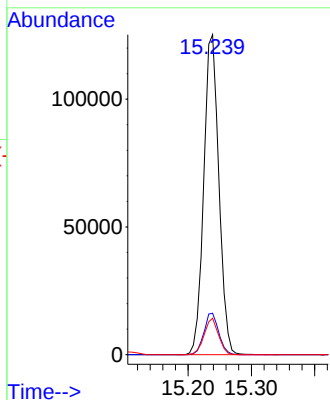
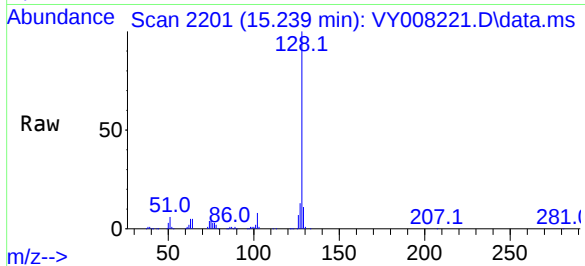




#95  
Naphthalene  
Concen: 43.704 ug/l  
RT: 15.239 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 208456 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 12.7  | 11.0  | 16.4   |
| 129      | 10.8  | 8.4   | 12.6   |



#96  
1,2,3-Trichlorobenzene  
Concen: 44.439 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.006 min  
Lab File: VY008221.D  
Acq: 05 Apr 2022 19:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 82971 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 93.9  | 47.3  | 141.9 |
| 145      | 32.7  | 15.3  | 45.9  |

