

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY021122\  
 Data File : VY007486.D  
 Acq On : 11 Feb 2022 18:52  
 Operator : SY/MD  
 Sample : VSTDC0050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Feb 12 02:56:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020222S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 03 04:36:48 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.789  | 168   | 136529   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.691  | 114   | 226850   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.489 | 117   | 199918   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.422 | 152   | 93163    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.143  | 65    | 74896    | 47.692   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 95.380%  |
| 35) Dibromofluoromethane     | 7.722  | 113   | 67551    | 46.373   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 92.740%  |
| 50) Toluene-d8               | 10.179 | 98    | 246663   | 45.833   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 91.660%  |
| 62) 4-Bromofluorobenzene     | 12.477 | 95    | 86919    | 47.518   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 95.040%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.906  | 85    | 80503    | 50.362   | ug/l   | 98       |
| 3) Chloromethane             | 2.113  | 50    | 75483    | 42.629   | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.253  | 62    | 82084    | 43.547   | ug/l   | 96       |
| 5) Bromomethane              | 2.650  | 94    | 55739    | 48.819   | ug/l   | 99       |
| 6) Chloroethane              | 2.796  | 64    | 52587    | 45.426   | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 3.125  | 101   | 163259   | 53.447   | ug/l   | 95       |
| 8) Diethyl Ether             | 3.527  | 74    | 48452    | 53.438   | ug/l   | 78       |
| 9) 1,1,2-Trichlorotrifluo... | 3.899  | 101   | 89313    | 51.917   | ug/l   | 93       |
| 10) Methyl Iodide            | 4.094  | 142   | 112961   | 60.911   | ug/l   | 97       |
| 11) Tert butyl alcohol       | 4.948  | 59    | 42037    | 228.997  | ug/l # | 93       |
| 12) 1,1-Dichloroethene       | 3.875  | 96    | 80038    | 50.367   | ug/l   | 86       |
| 13) Acrolein                 | 3.729  | 56    | 40888    | 193.815  | ug/l   | 98       |
| 14) Allyl chloride           | 4.479  | 41    | 112161   | 45.954   | ug/l # | 86       |
| 15) Acrylonitrile            | 5.161  | 53    | 113752   | 267.033  | ug/l   | 98       |
| 16) Acetone                  | 3.942  | 43    | 97693    | 191.543  | ug/l   | 96       |
| 17) Carbon Disulfide         | 4.192  | 76    | 226965   | 45.495   | ug/l   | 98       |
| 18) Methyl Acetate           | 4.472  | 43    | 49285    | 51.592   | ug/l # | 86       |
| 19) Methyl tert-butyl Ether  | 5.222  | 73    | 253434   | 56.608   | ug/l   | 94       |
| 20) Methylene Chloride       | 4.716  | 84    | 88835    | 53.922   | ug/l   | 85       |
| 21) trans-1,2-Dichloroethene | 5.222  | 96    | 89706    | 51.028   | ug/l   | 88       |
| 22) Diisopropyl ether        | 6.119  | 45    | 254174   | 49.700   | ug/l # | 95       |
| 23) Vinyl Acetate            | 6.058  | 43    | 861471   | 258.288  | ug/l # | 92       |
| 24) 1,1-Dichloroethane       | 6.015  | 63    | 156389   | 50.633   | ug/l   | 99       |
| 25) 2-Butanone               | 6.984  | 43    | 145838   | 236.667  | ug/l # | 83       |
| 26) 2,2-Dichloropropane      | 6.984  | 77    | 151721   | 51.336   | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene   | 6.984  | 96    | 104681   | 53.910   | ug/l   | 88       |
| 28) Bromochloromethane       | 7.338  | 49    | 51538    | 42.674   | ug/l # | 76       |
| 29) Tetrahydrofuran          | 7.350  | 42    | 94018    | 264.034  | ug/l # | 82       |
| 30) Chloroform               | 7.508  | 83    | 176507   | 54.935   | ug/l   | 100      |
| 31) Cyclohexane              | 7.783  | 56    | 140112   | 45.724   | ug/l   | 93       |
| 32) 1,1,1-Trichloroethane    | 7.704  | 97    | 164781   | 55.180   | ug/l   | 95       |
| 36) 1,1-Dichloropropene      | 7.917  | 75    | 129425   | 50.822   | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.070  | 43    | 67259    | 53.124   | ug/l # | 95       |
| 38) Carbon Tetrachloride     | 7.899  | 117   | 151980   | 56.804   | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.185  | 83    | 165447   | 51.732   | ug/l   | 88       |
| 40) Benzene                  | 8.161  | 78    | 357931   | 53.025   | ug/l   | 97       |

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 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Feb 12 02:56:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020222S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 03 04:36:48 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.319  | 41   | 34135m   | 54.256   | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 117433   | 57.229   | ug/l   | 94       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 133464   | 56.368   | ug/l # | 92       |
| 44) Trichloroethene           | 8.941  | 130  | 102458   | 56.136   | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 87018    | 52.279   | ug/l   | 92       |
| 46) Dibromomethane            | 9.307  | 93   | 54978    | 55.517   | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.496  | 83   | 136505   | 57.003   | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.295  | 41   | 56308    | 52.586   | ug/l # | 81       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 13784    | 1270.701 | ug/l # | 90       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 335271   | 279.199  | ug/l   | 91       |
| 52) Toluene                   | 10.246 | 92   | 234463   | 55.127   | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 142039   | 56.777   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 154598   | 55.172   | ug/l # | 88       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 74279    | 57.111   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 105753   | 58.541   | ug/l # | 83       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 128377   | 55.671   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 227986   | 242.617  | ug/l   | 92       |
| 59) 2-Hexanone                | 10.831 | 43   | 233042   | 266.194  | ug/l   | 90       |
| 60) Dibromochloromethane      | 10.983 | 129  | 96844    | 59.810   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 74481    | 57.883   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.721 | 164  | 91742    | 58.475   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.514 | 112  | 252686   | 56.818   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 96914    | 58.375   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 474047   | 56.172   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 355655   | 113.785  | ug/l   | 99       |
| 69) o-Xylene                  | 12.026 | 106  | 170595   | 57.727   | ug/l   | 98       |
| 70) Styrene                   | 12.044 | 104  | 286164   | 58.741   | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 57984    | 63.302   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 457405   | 53.722   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 117871   | 55.928   | ug/l # | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 84139    | 54.113   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 63364m   | 57.212   | ug/l   |          |
| 77) Bromobenzene              | 12.605 | 156  | 102283   | 57.030   | ug/l   | 98       |
| 78) n-propylbenzene           | 12.672 | 91   | 552163   | 53.541   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 306680   | 53.710   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 387792   | 55.831   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 30682    | 55.501   | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 318887   | 54.376   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 334962   | 55.396   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 382029   | 55.861   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 489767   | 54.001   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 411987   | 55.762   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 196523   | 56.515   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 195244   | 56.326   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.696 | 91   | 383638   | 53.949   | ug/l   | 100      |
| 90) Hexachloroethane          | 13.959 | 117  | 78492    | 56.216   | ug/l   | 83       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 174647   | 57.059   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 14868    | 58.841   | ug/l   | 89       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 109210   | 60.250   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 60348    | 60.142   | ug/l   | 98       |
| 95) Naphthalene               | 15.233 | 128  | 246849   | 65.532   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 94296    | 61.629   | ug/l   | 98       |

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Sample : VSTDCCC050  
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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

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Quant Title : SW846 8260  
QLast Update : Thu Feb 03 04:36:48 2022  
Response via : Initial Calibration

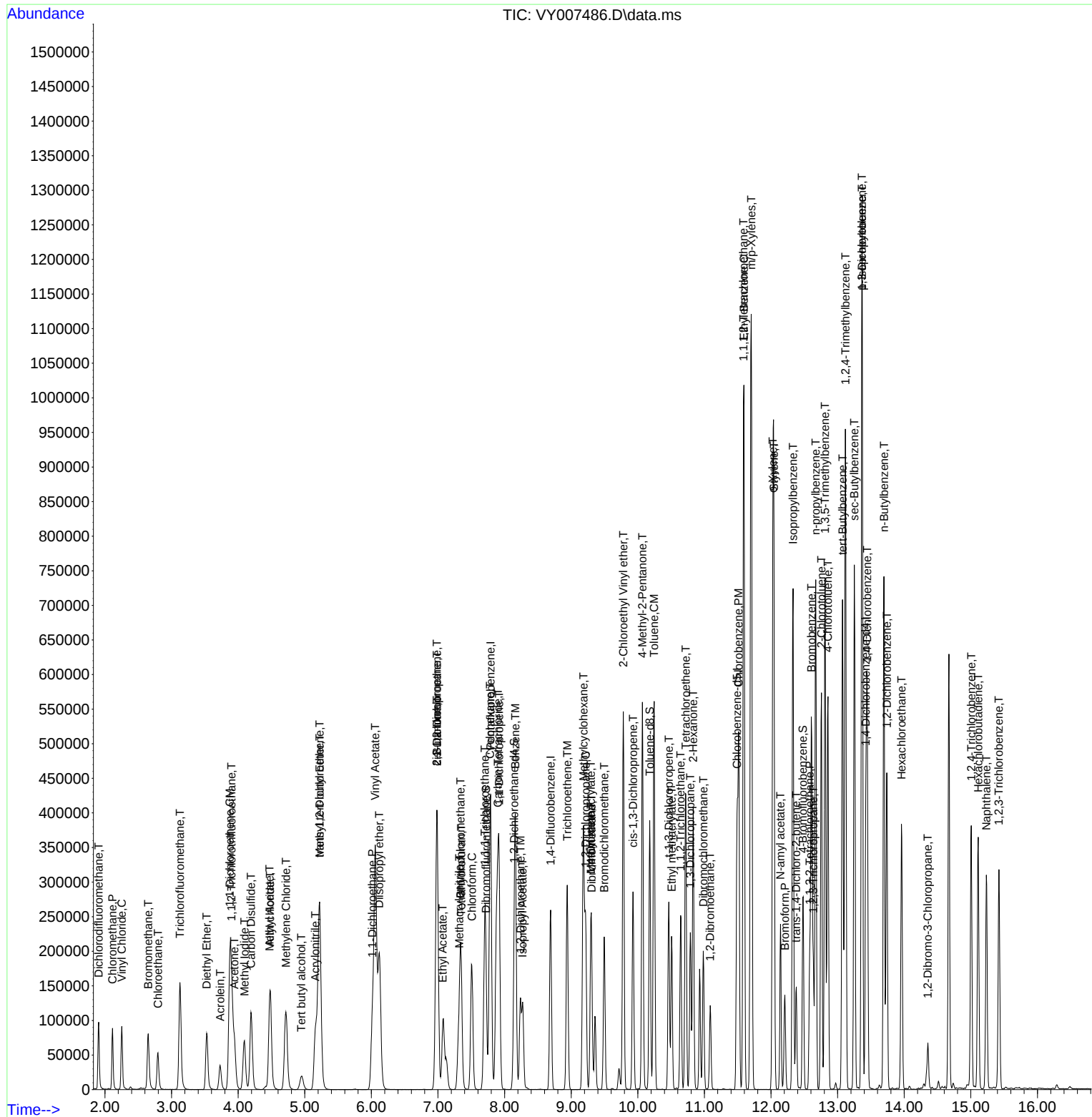
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

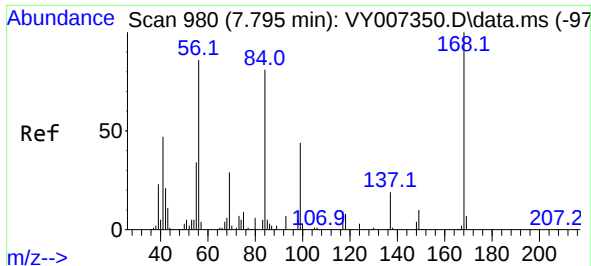
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Sample : VSTDCCC050  
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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
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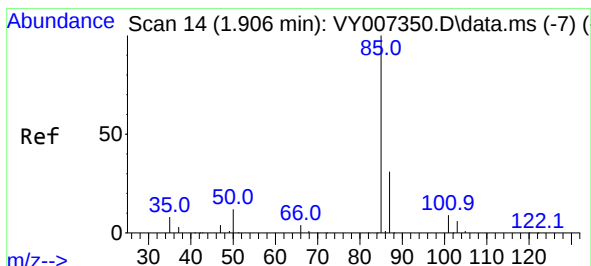
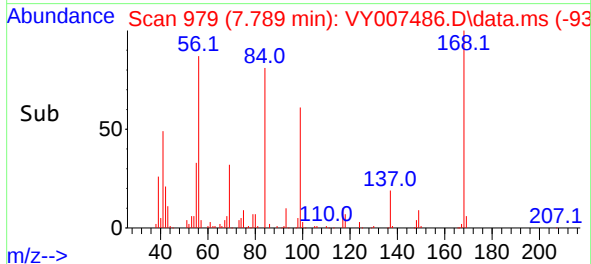
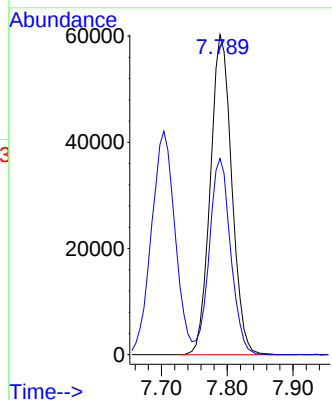
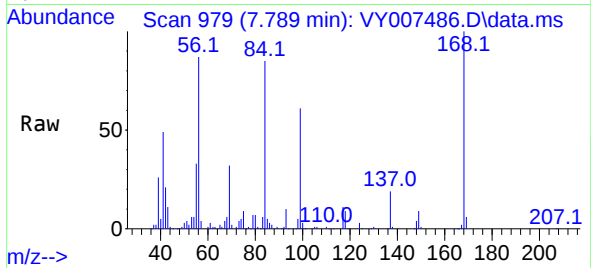




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

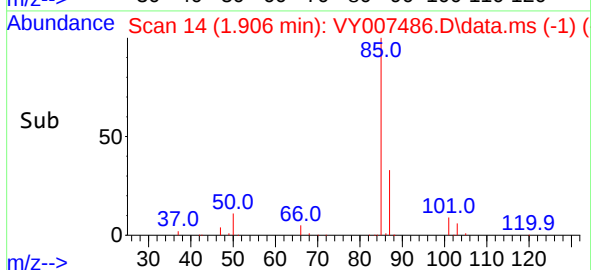
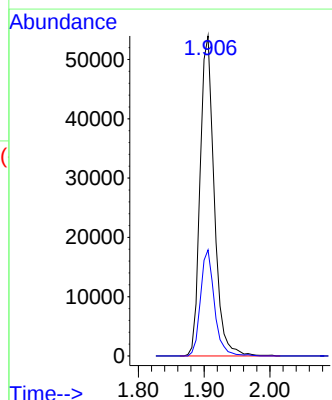
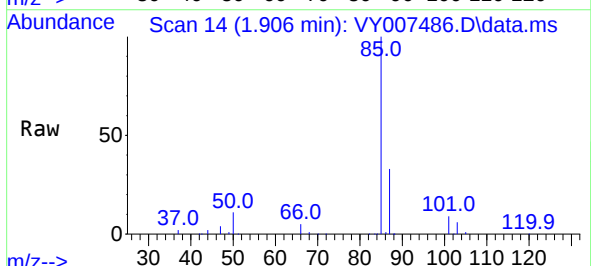
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

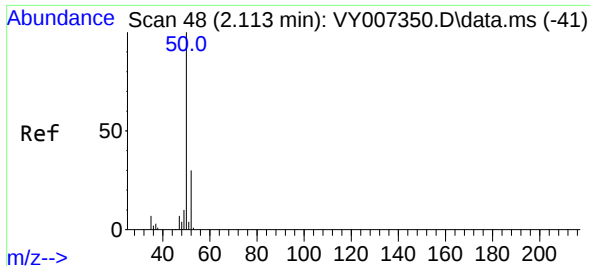
Tgt Ion:168 Resp: 136529  
Ion Ratio Lower Upper  
168 100  
99 61.3 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 50.362 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 85 Resp: 80503  
Ion Ratio Lower Upper  
85 100  
87 33.1 16.1 48.2

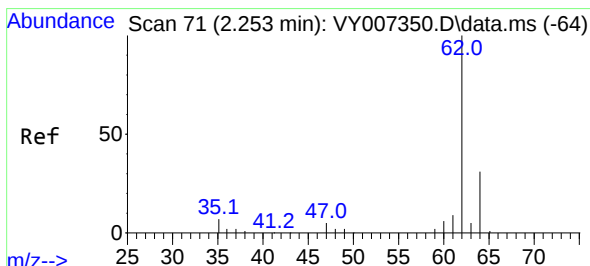
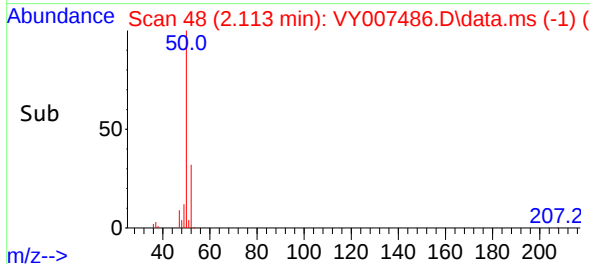
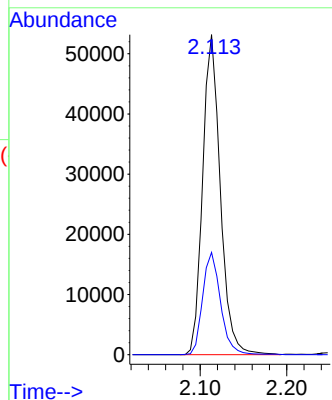
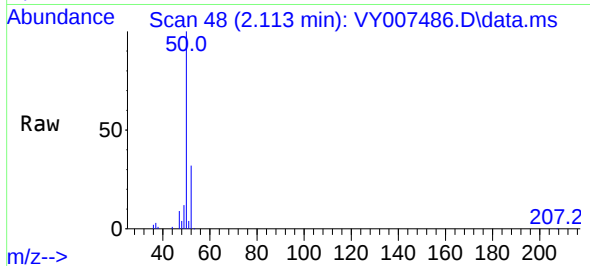




#3  
Chloromethane  
Concen: 42.629 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

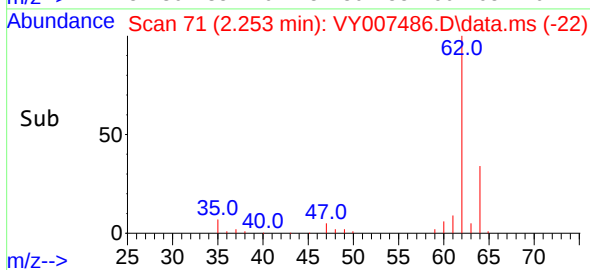
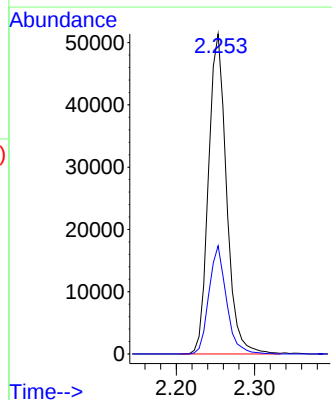
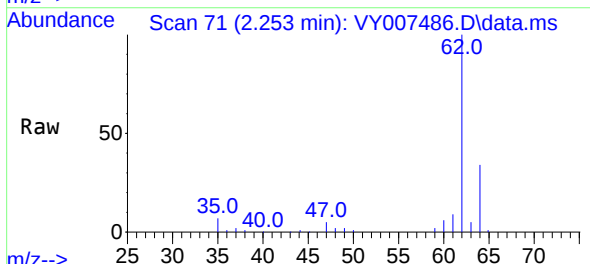
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDC0050EC

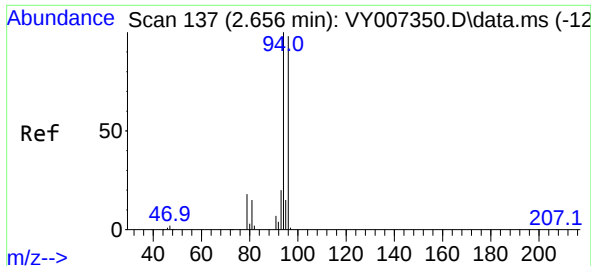
Tgt Ion: 50 Resp: 75483  
Ion Ratio Lower Upper  
50 100  
52 32.0 24.6 37.0



#4  
Vinyl Chloride  
Concen: 43.547 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 62 Resp: 82084  
Ion Ratio Lower Upper  
62 100  
64 33.8 25.0 37.6

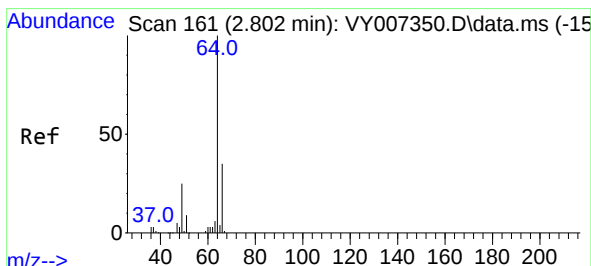
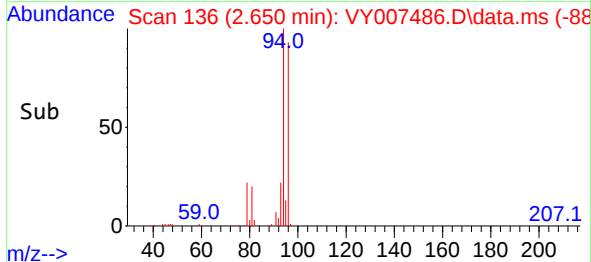
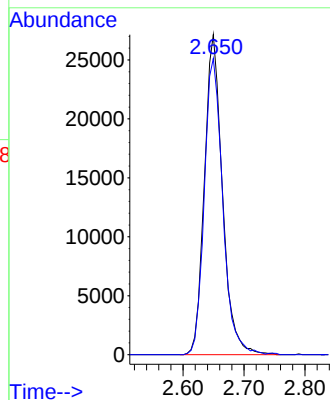
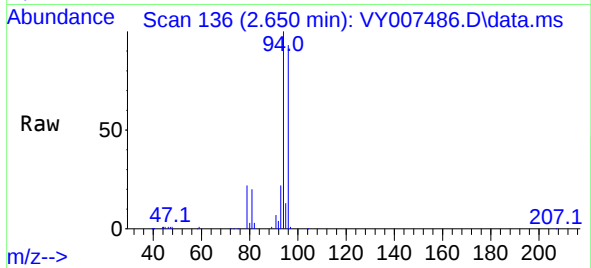




#5  
Bromomethane  
Concen: 48.819 ug/l  
RT: 2.650 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

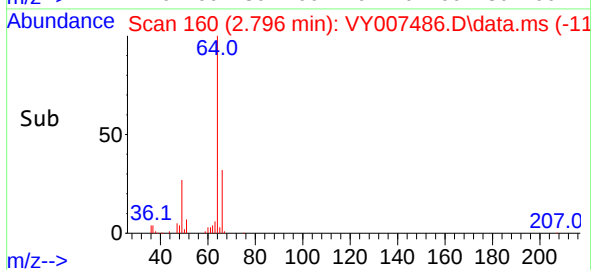
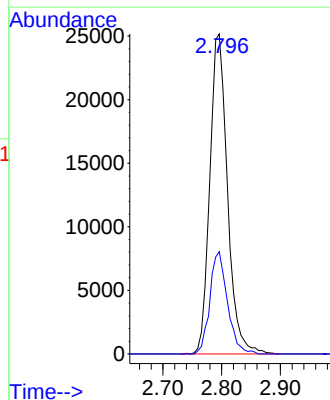
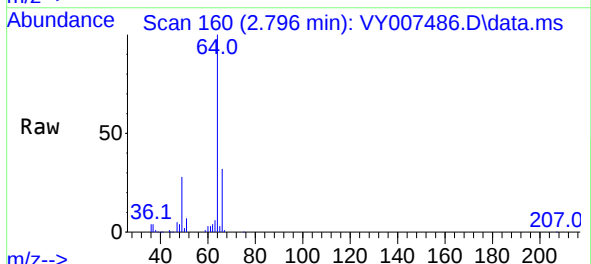
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

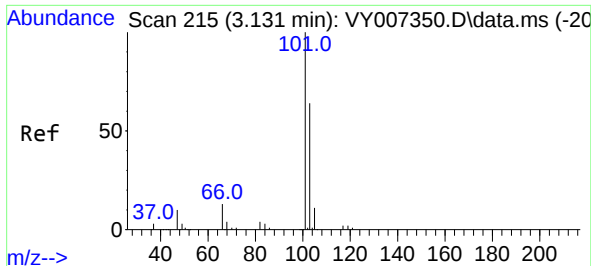
Tgt Ion: 94 Resp: 55739  
Ion Ratio Lower Upper  
94 100  
96 92.5 73.5 110.3



#6  
Chloroethane  
Concen: 45.426 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. -0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 64 Resp: 52587  
Ion Ratio Lower Upper  
64 100  
66 31.9 25.4 38.0

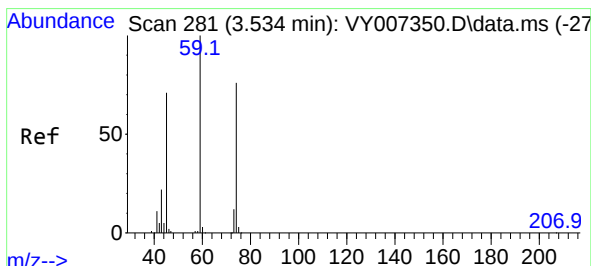
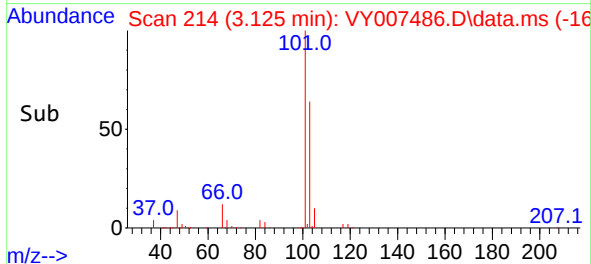
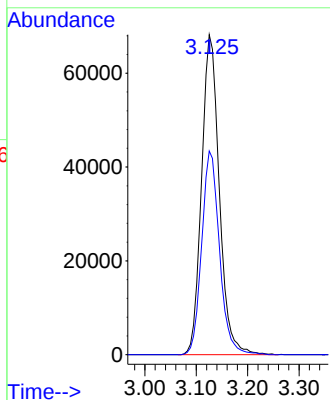
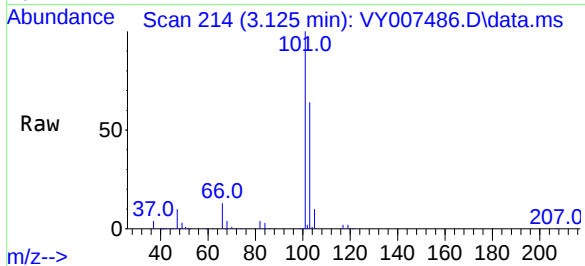




#7  
Trichlorofluoromethane  
Concen: 53.447 ug/l  
RT: 3.125 min Scan# 215  
Delta R.T. -0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

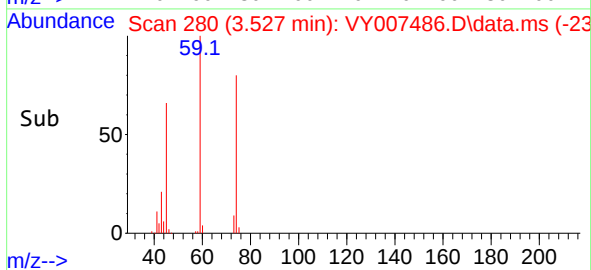
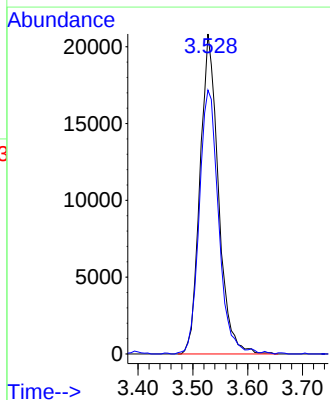
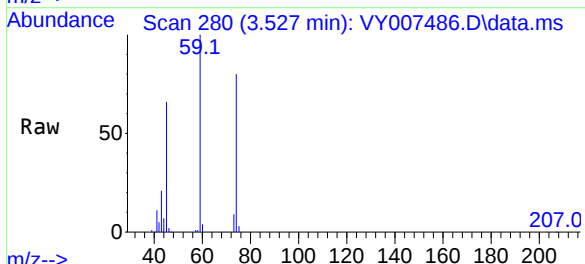
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

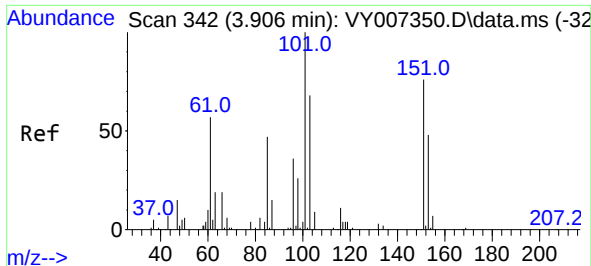
Tgt Ion:101 Resp: 163259  
Ion Ratio Lower Upper  
101 100  
103 63.7 48.0 72.0



#8  
Diethyl Ether  
Concen: 53.438 ug/l  
RT: 3.527 min Scan# 280  
Delta R.T. -0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 74 Resp: 48452  
Ion Ratio Lower Upper  
74 100  
45 86.8 55.1 165.5

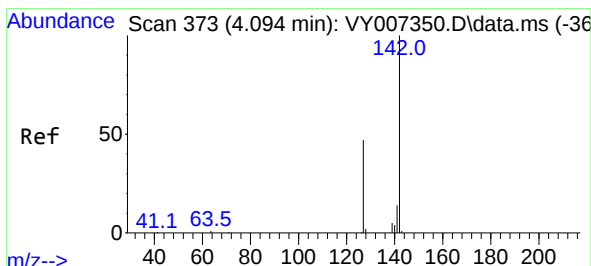
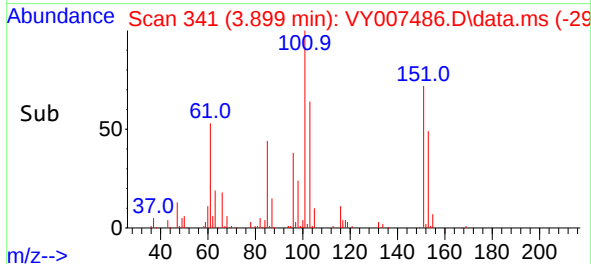
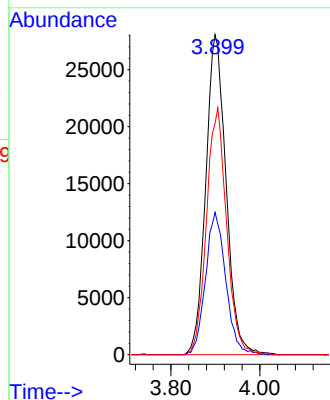
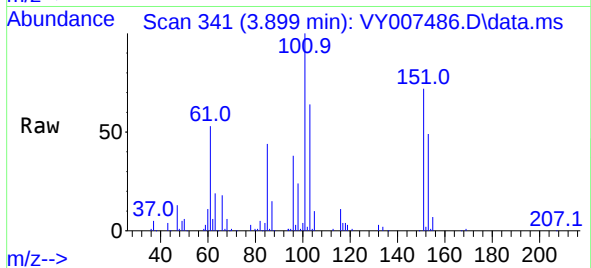




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.917 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. -0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

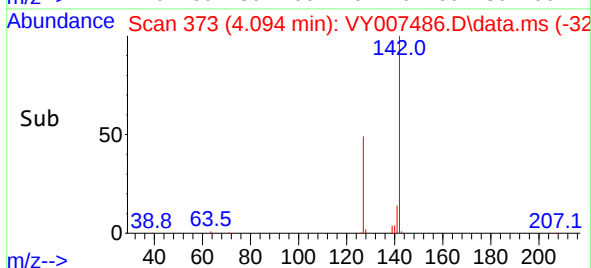
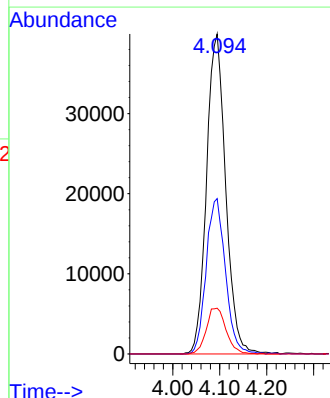
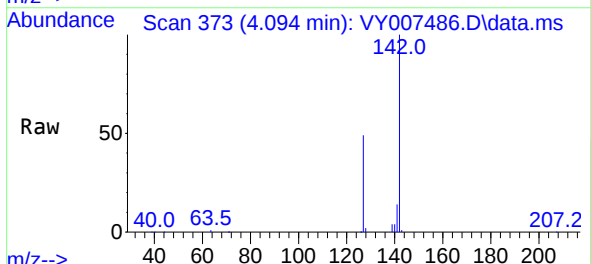
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

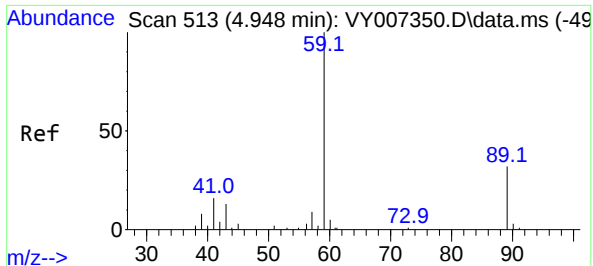
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 89313 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 44.3  | 40.6  | 60.8  |
| 151      | 76.4  | 64.9  | 97.3  |



#10  
Methyl Iodide  
Concen: 60.911 ug/l  
RT: 4.094 min Scan# 373  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 142   | Resp: | 112961 |
| Ion      | Ratio | Lower | Upper  |
| 142      | 100   |       |        |
| 127      | 48.8  | 41.5  | 62.3   |
| 141      | 14.8  | 11.9  | 17.9   |





#11

Tert butyl alcohol

Concen: 228.997 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY007486.D

Acq: 11 Feb 2022 18:52

Instrument :

MSVOA\_Y

ClientSampleId :

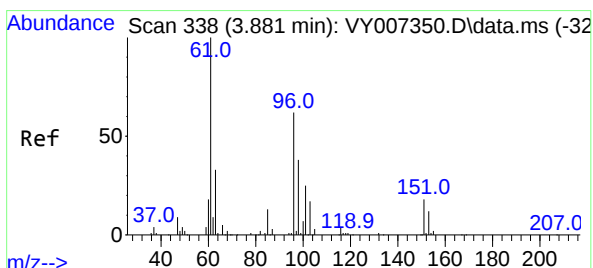
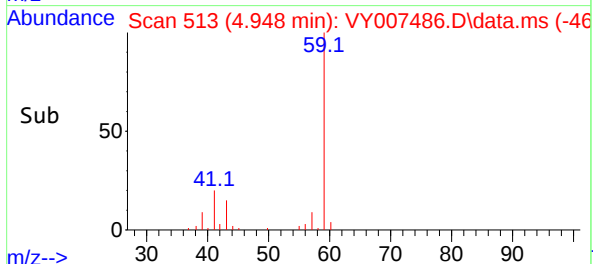
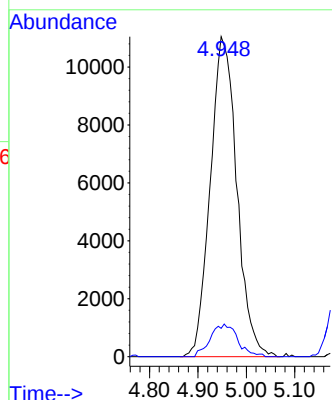
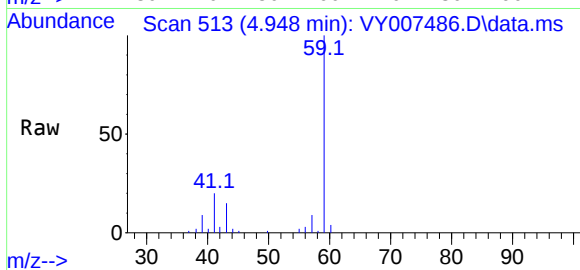
VSTDCCC050EC

Tgt Ion: 59 Resp: 42037

Ion Ratio Lower Upper

59 100

57 10.5 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 50.367 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.006 min

Lab File: VY007486.D

Acq: 11 Feb 2022 18:52

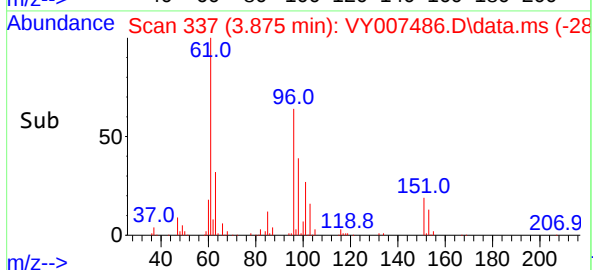
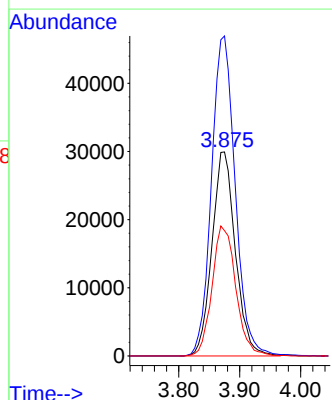
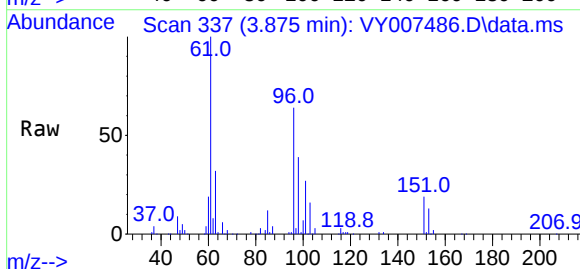
Tgt Ion: 96 Resp: 80038

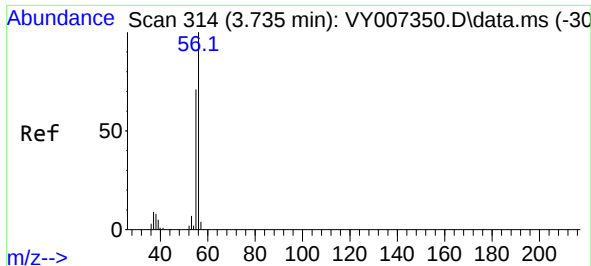
Ion Ratio Lower Upper

96 100

61 156.8 145.8 218.6

98 61.4 52.5 78.7





#13

Acrolein

Concen: 193.815 ug/l

RT: 3.729 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY007486.D

Acq: 11 Feb 2022 18:52

Instrument :

MSVOA\_Y

ClientSampleId :

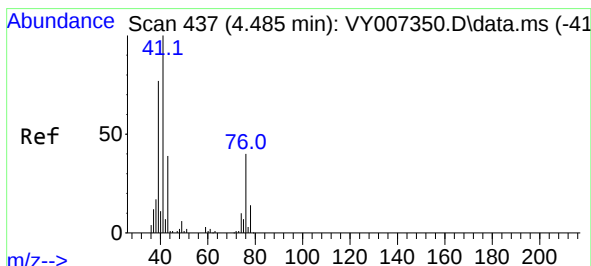
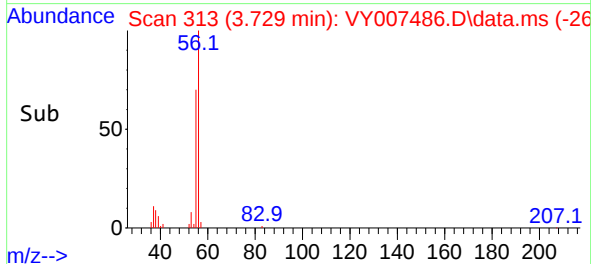
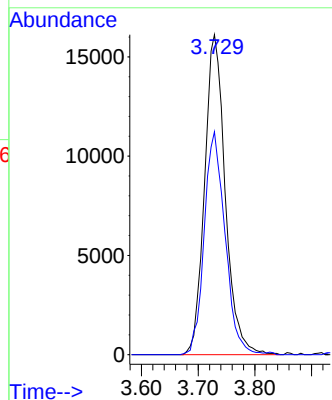
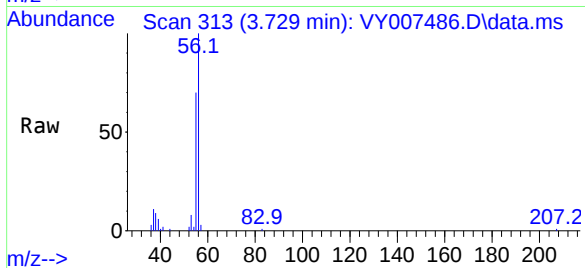
VSTDCCC050EC

Tgt Ion: 56 Resp: 40888

Ion Ratio Lower Upper

56 100

55 70.1 57.6 86.4



#14

Allyl chloride

Concen: 45.954 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY007486.D

Acq: 11 Feb 2022 18:52

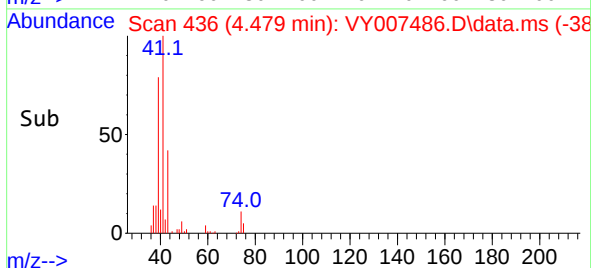
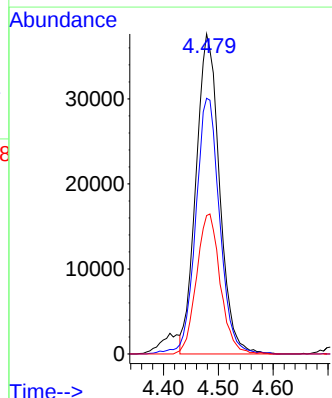
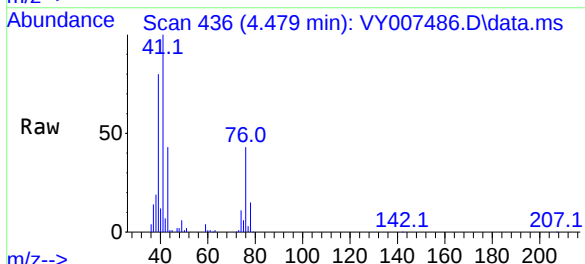
Tgt Ion: 41 Resp: 112161

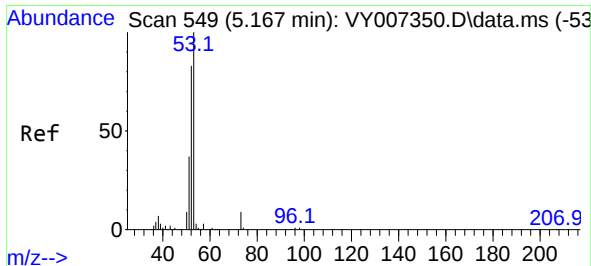
Ion Ratio Lower Upper

41 100

39 81.6 58.8 88.2

76 44.1 25.1 37.7#

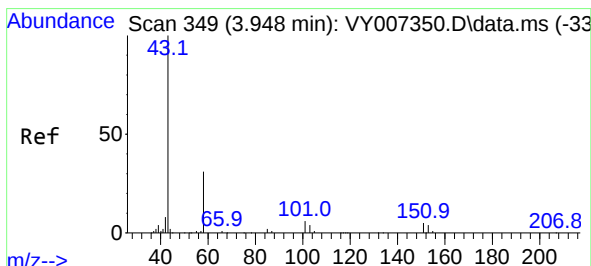
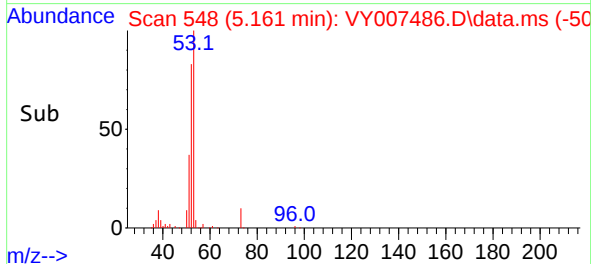
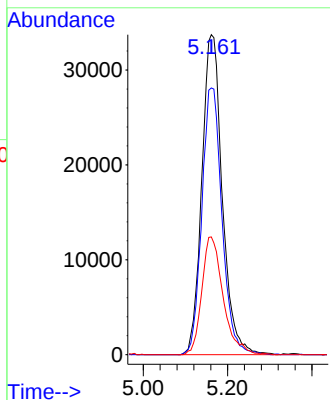
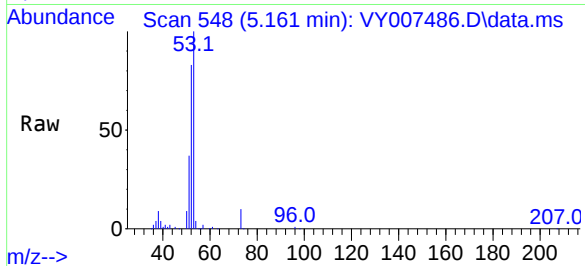




#15  
Acrylonitrile  
Concen: 267.033 ug/l  
RT: 5.161 min Scan# 54  
Delta R.T. -0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

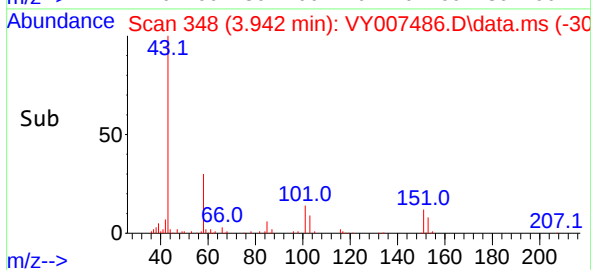
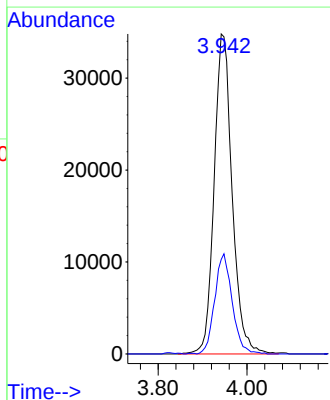
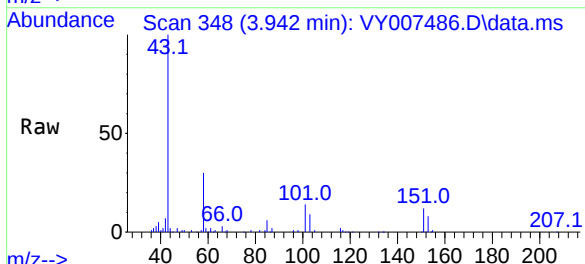
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

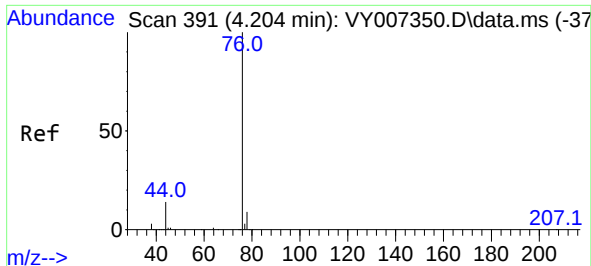
Tgt Ion: 53 Resp: 113752  
Ion Ratio Lower Upper  
53 100  
52 82.3 67.0 100.4  
51 38.3 29.8 44.6



#16  
Acetone  
Concen: 191.543 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. -0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 43 Resp: 97693  
Ion Ratio Lower Upper  
43 100  
58 29.6 22.0 33.0

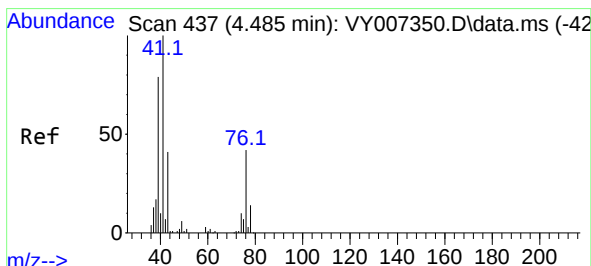
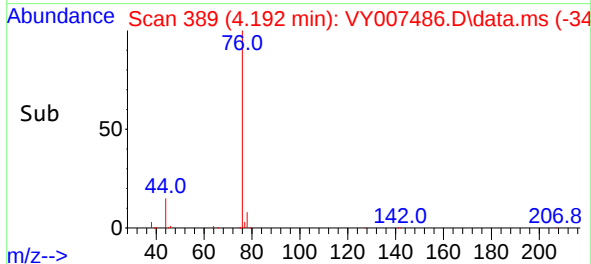
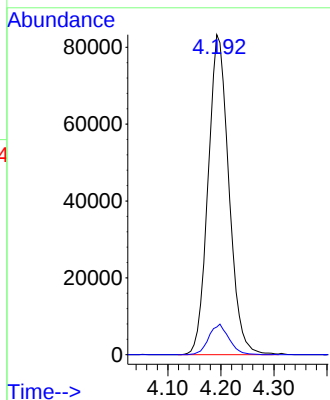
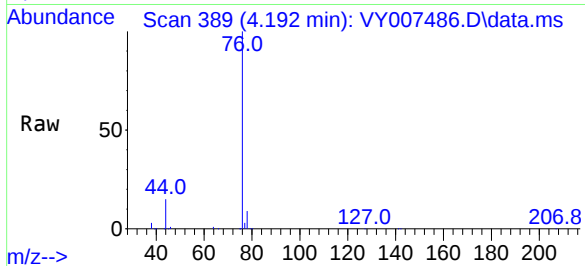




#17  
Carbon Disulfide  
Concen: 45.495 ug/l  
RT: 4.192 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

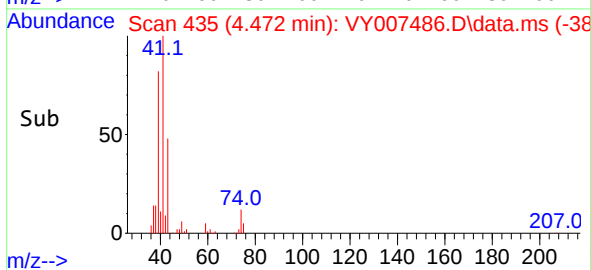
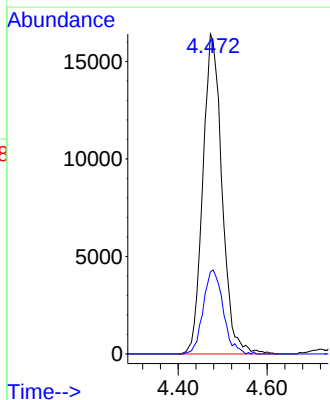
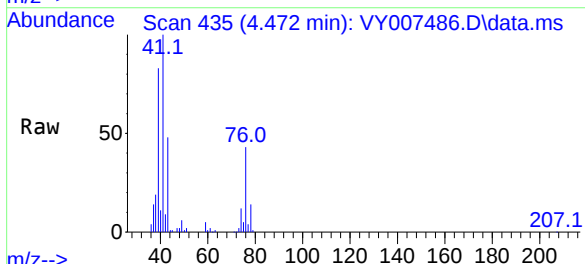
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

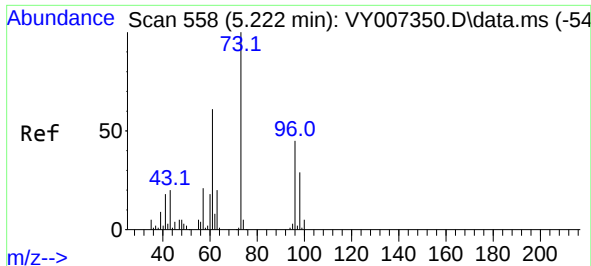
Tgt Ion: 76 Resp: 226965  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.4 11.0



#18  
Methyl Acetate  
Concen: 51.592 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. -0.012 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 43 Resp: 49285  
Ion Ratio Lower Upper  
43 100  
74 27.2 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 56.608 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY007486.D

Acq: 11 Feb 2022 18:52

Instrument :

MSVOA\_Y

ClientSampleId :

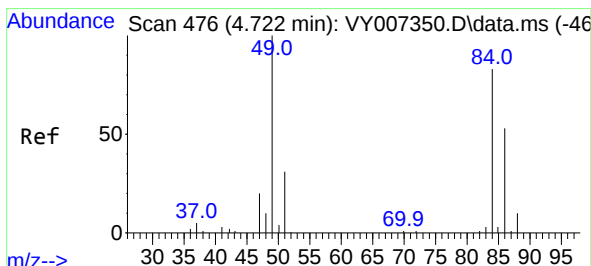
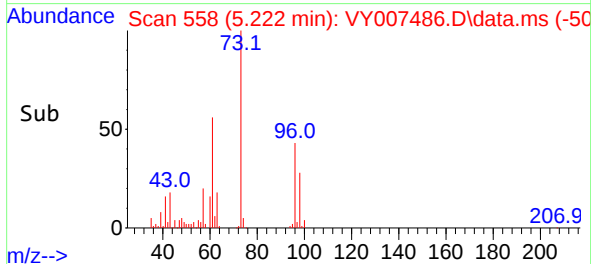
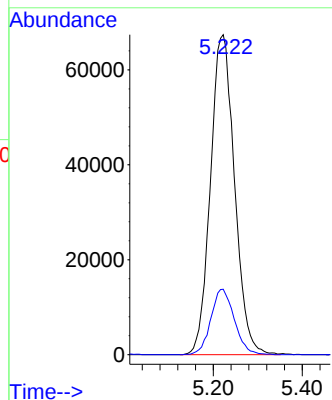
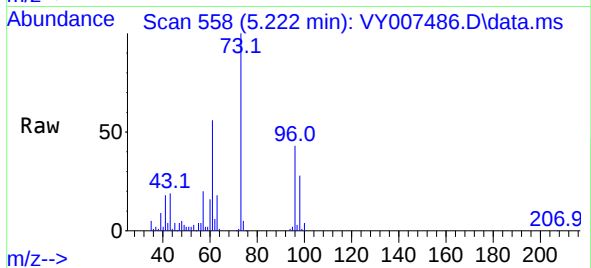
VSTDCCC050EC

Tgt Ion: 73 Resp: 253434

Ion Ratio Lower Upper

73 100

57 20.4 18.6 27.8



#20

Methylene Chloride

Concen: 53.922 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY007486.D

Acq: 11 Feb 2022 18:52

Tgt Ion: 84 Resp: 88835

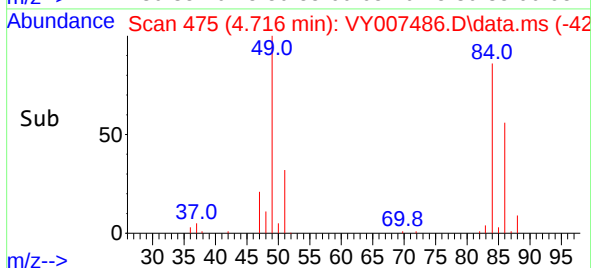
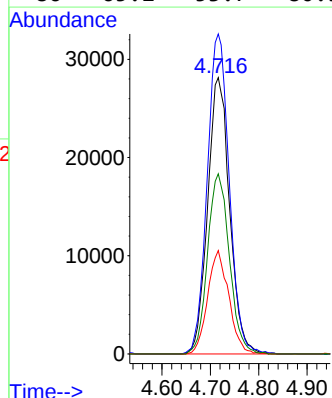
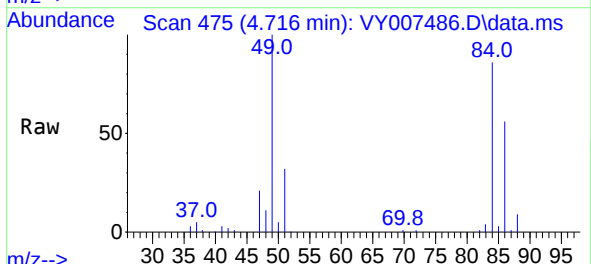
Ion Ratio Lower Upper

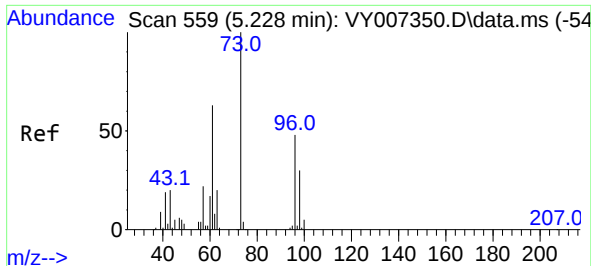
84 100

49 115.8 114.4 171.6

51 37.4 35.3 52.9

86 65.2 53.7 80.5

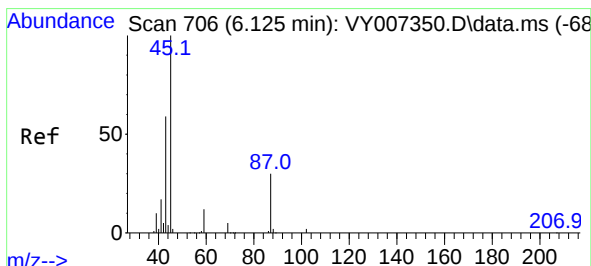
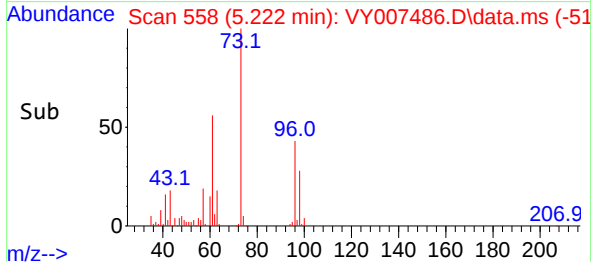
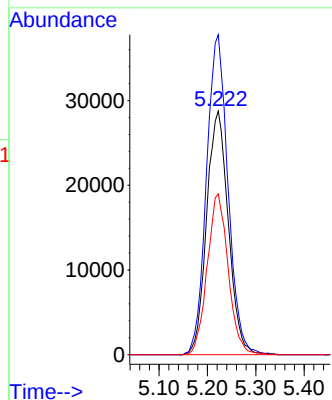
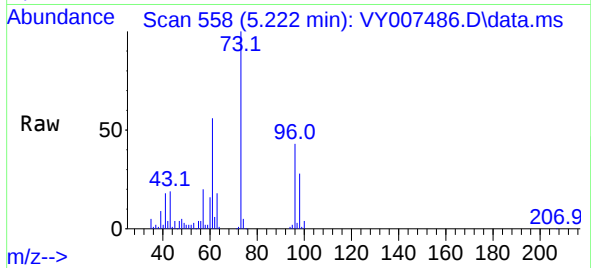




#21  
trans-1,2-Dichloroethene  
Concen: 51.028 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

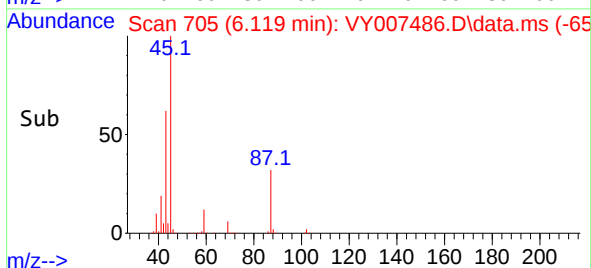
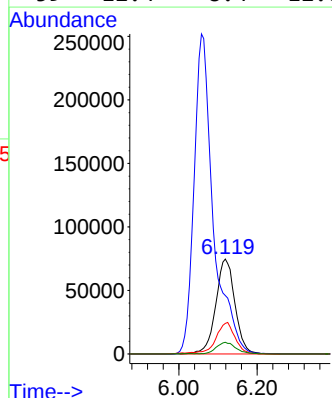
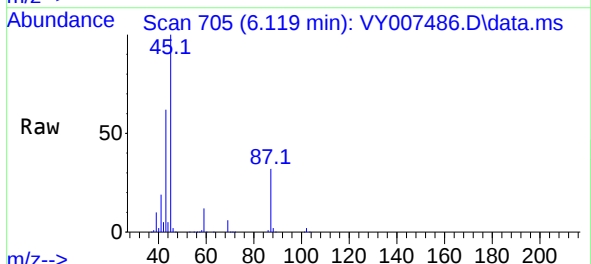
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

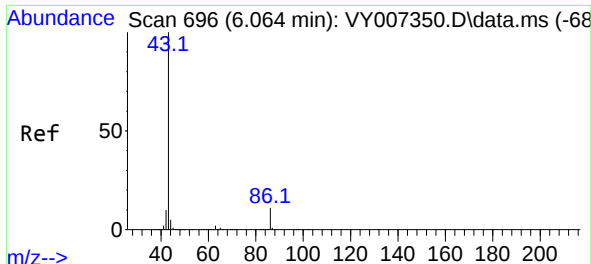
Tgt Ion: 96 Resp: 89706  
Ion Ratio Lower Upper  
96 100  
61 131.3 120.5 180.7  
98 66.0 49.8 74.8



#22  
Diisopropyl ether  
Concen: 49.700 ug/l  
RT: 6.119 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 45 Resp: 254174  
Ion Ratio Lower Upper  
45 100  
43 61.5 49.3 73.9  
87 32.3 19.2 28.8#  
59 12.4 8.4 12.6

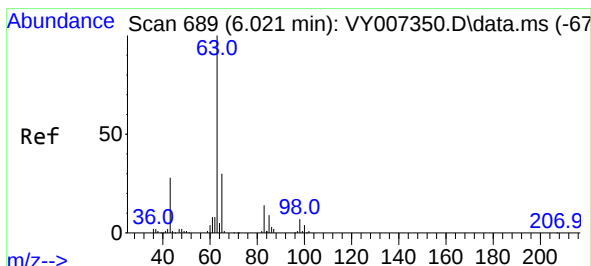
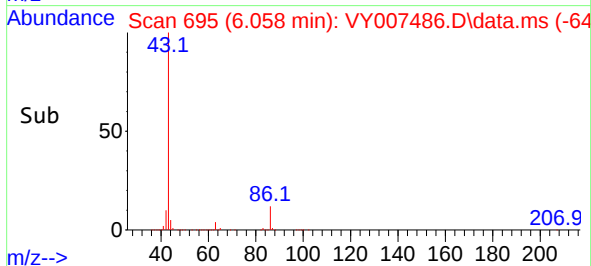
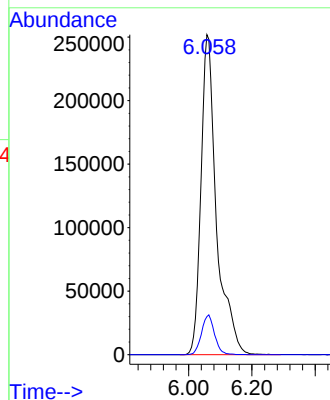
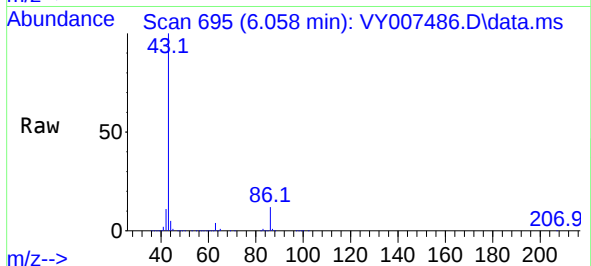




#23  
 Vinyl Acetate  
 Concen: 258.288 ug/l  
 RT: 6.058 min Scan# 695  
 Delta R.T. -0.006 min  
 Lab File: VY007486.D  
 Acq: 11 Feb 2022 18:52

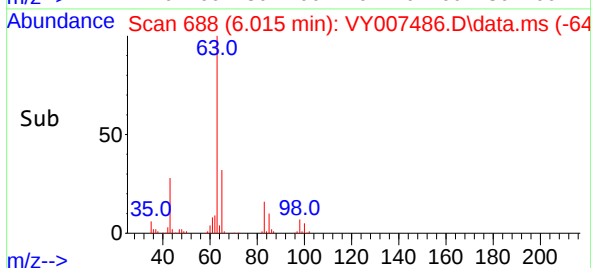
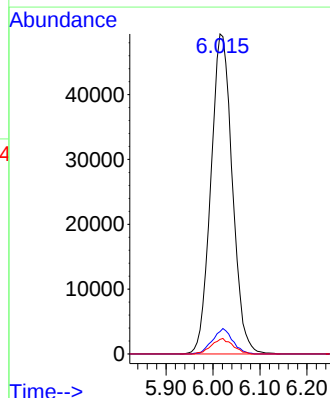
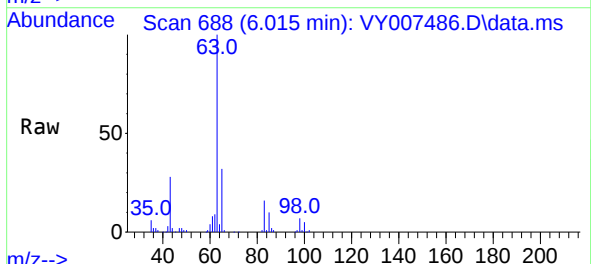
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

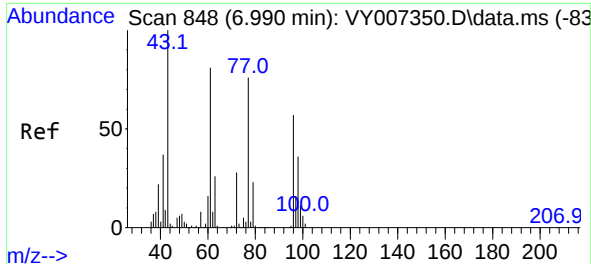
Tgt Ion: 43 Resp: 861471  
 Ion Ratio Lower Upper  
 43 100  
 86 11.9 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 50.633 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. -0.006 min  
 Lab File: VY007486.D  
 Acq: 11 Feb 2022 18:52

Tgt Ion: 63 Resp: 156389  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.6 10.8  
 100 4.5 2.0 5.8

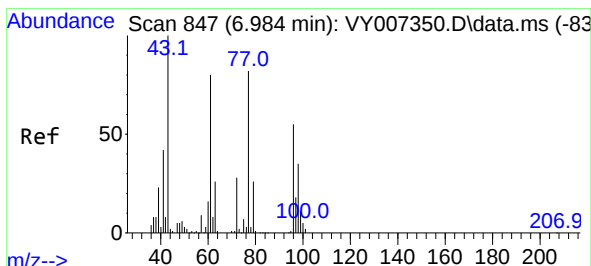
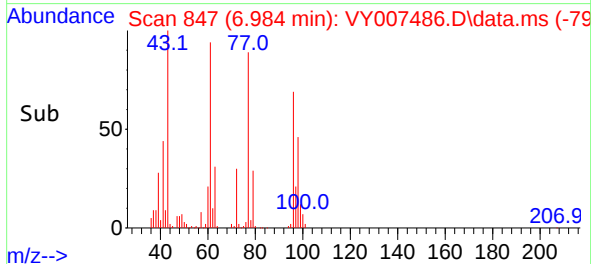
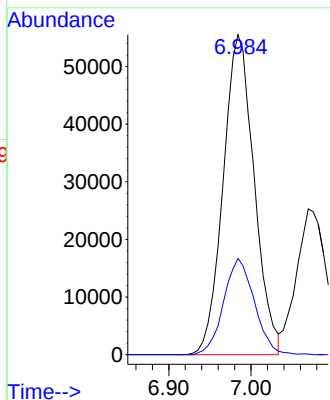
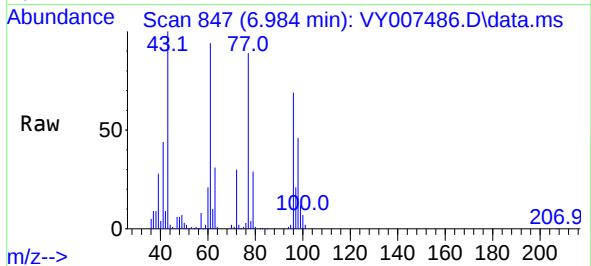




#25  
2-Butanone  
Concen: 236.667 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

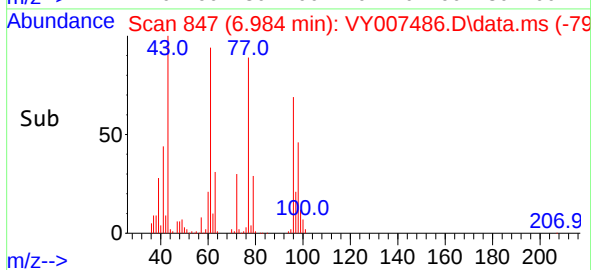
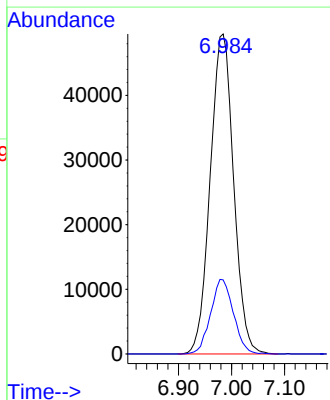
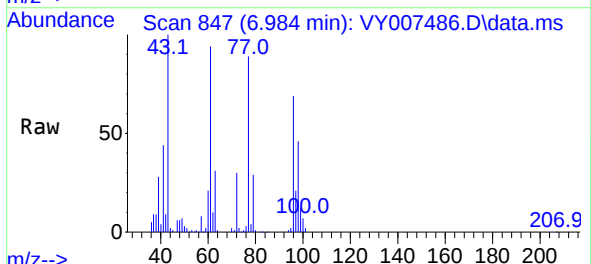
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

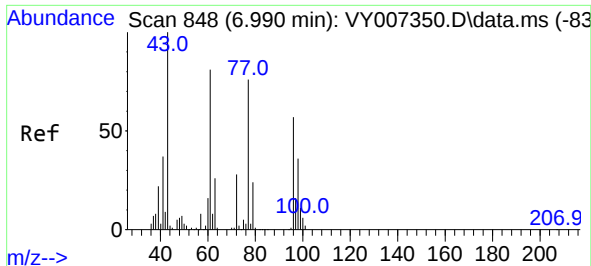
Tgt Ion: 43 Resp: 145838  
Ion Ratio Lower Upper  
43 100  
72 30.1 17.7 26.5#



#26  
2,2-Dichloropropane  
Concen: 51.336 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 77 Resp: 151721  
Ion Ratio Lower Upper  
77 100  
97 22.7 10.4 31.4

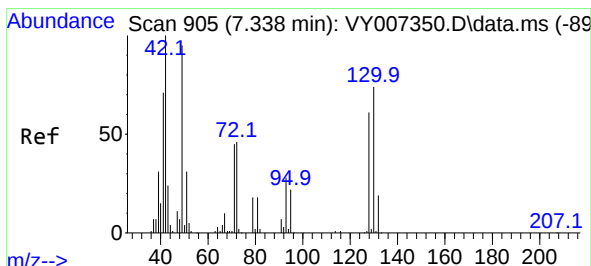
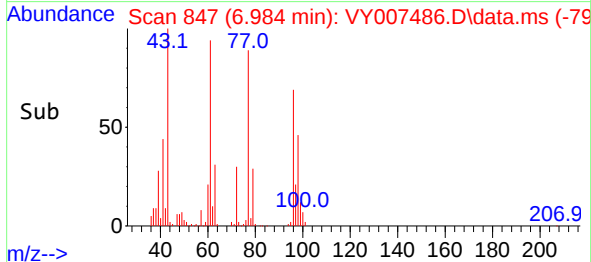
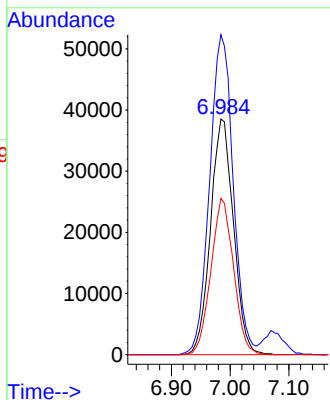
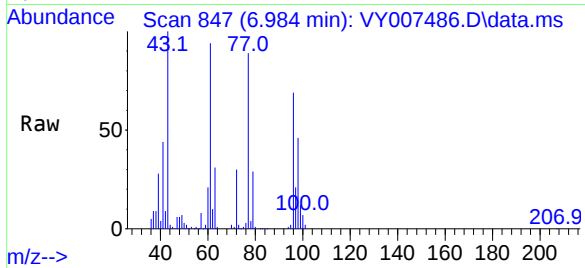




#27  
cis-1,2-Dichloroethene  
Concen: 53.910 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

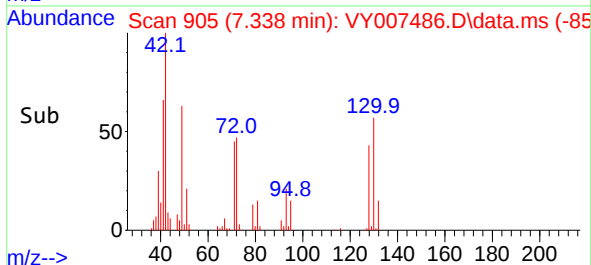
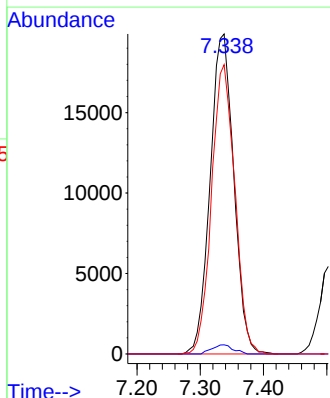
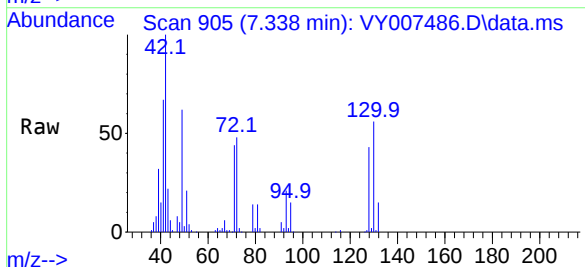
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

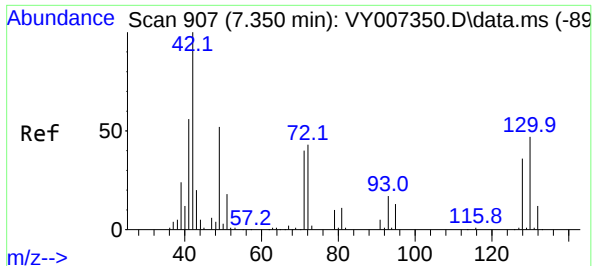
Tgt Ion: 96 Resp: 104681  
Ion Ratio Lower Upper  
96 100  
61 139.3 0.0 319.8  
98 65.4 0.0 127.0



#28  
Bromochloromethane  
Concen: 42.674 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 49 Resp: 51538  
Ion Ratio Lower Upper  
49 100  
129 2.6 0.0 2.2#  
130 88.9 55.4 83.0#

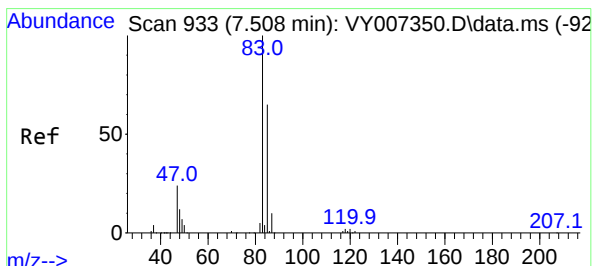
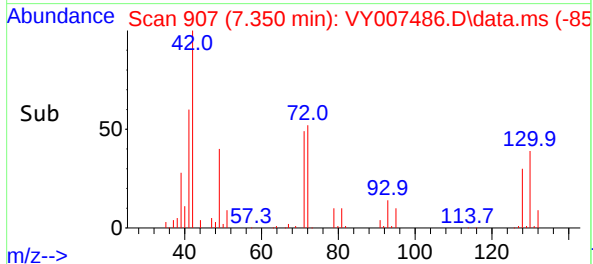
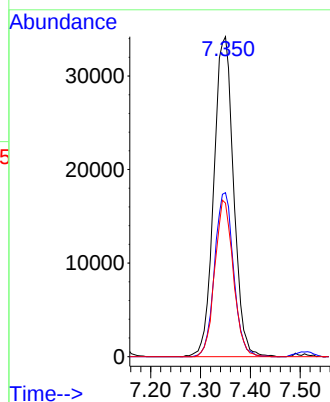
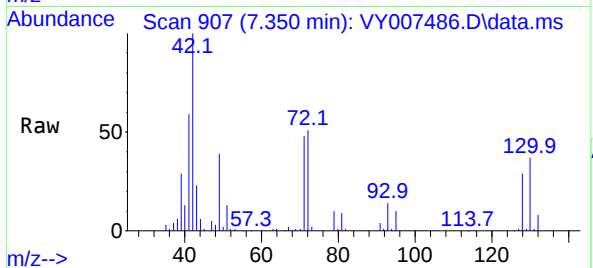




#29  
Tetrahydrofuran  
Concen: 264.034 ug/l  
RT: 7.350 min Scan# 907  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

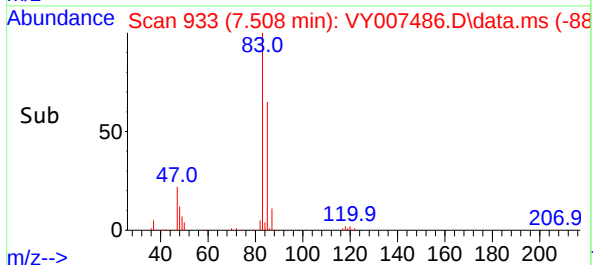
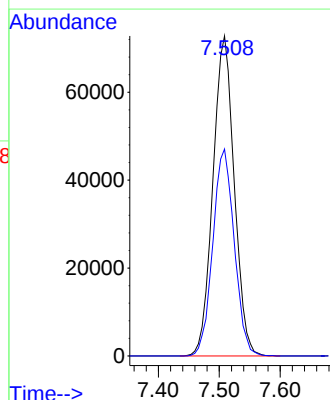
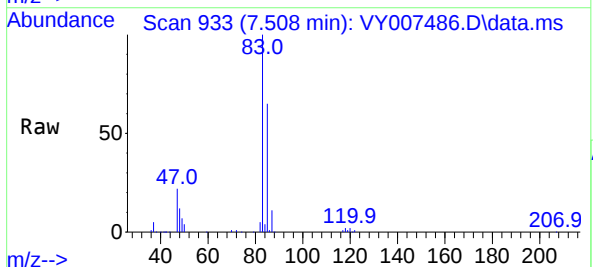
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

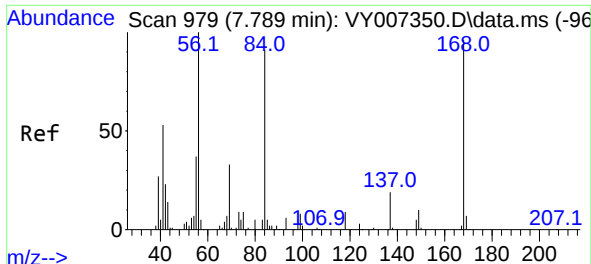
Tgt Ion: 42 Resp: 94018  
Ion Ratio Lower Upper  
42 100  
72 49.3 30.3 45.5#  
71 45.9 29.0 43.4#



#30  
Chloroform  
Concen: 54.935 ug/l  
RT: 7.508 min Scan# 933  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 83 Resp: 176507  
Ion Ratio Lower Upper  
83 100  
85 64.6 51.8 77.6

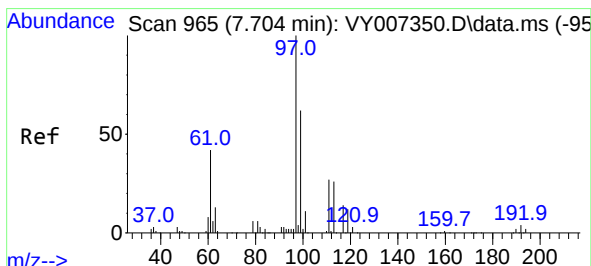
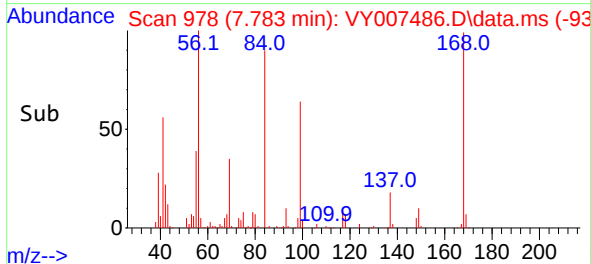
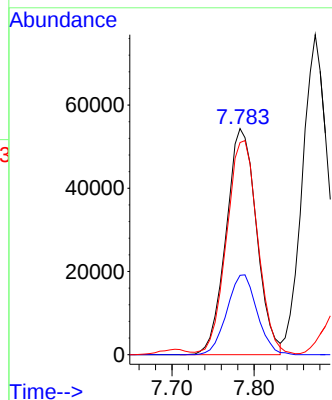
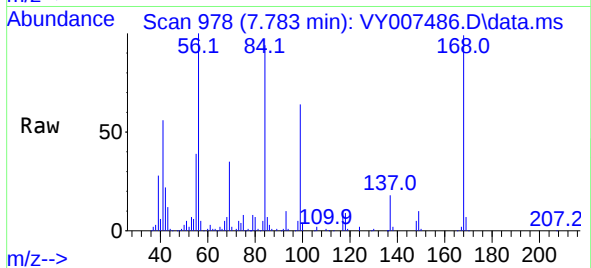




#31  
Cyclohexane  
Concen: 45.724 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

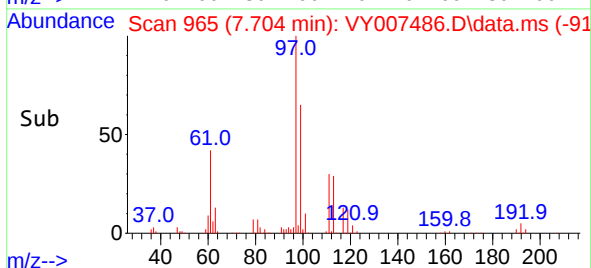
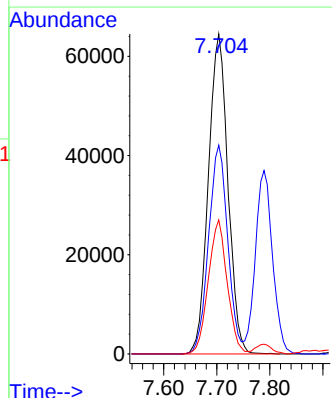
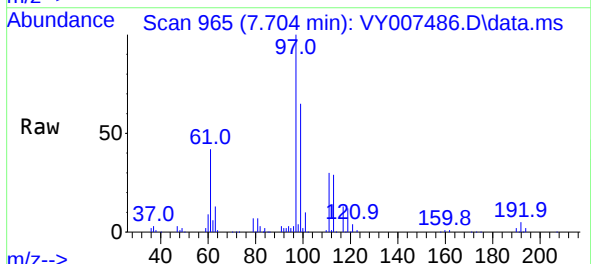
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

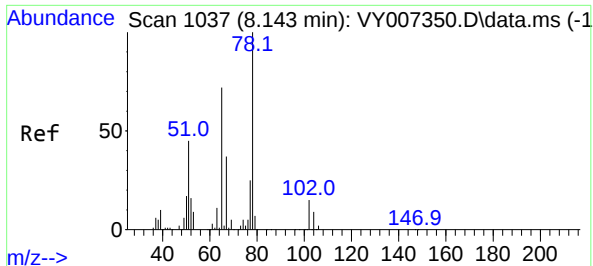
Tgt Ion: 56 Resp: 140112  
Ion Ratio Lower Upper  
56 100  
69 35.1 26.7 40.1  
84 91.6 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 55.180 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 97 Resp: 164781  
Ion Ratio Lower Upper  
97 100  
99 64.1 50.7 76.1  
61 40.6 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 47.692 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007486.D

Acq: 11 Feb 2022 18:52

Instrument :

MSVOA\_Y

ClientSampleId :

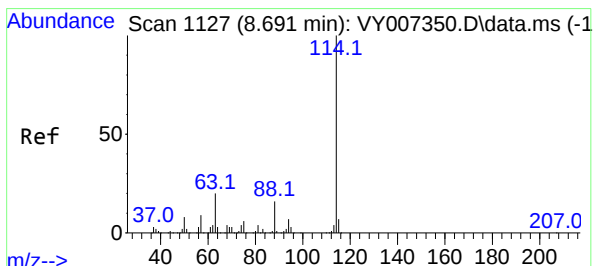
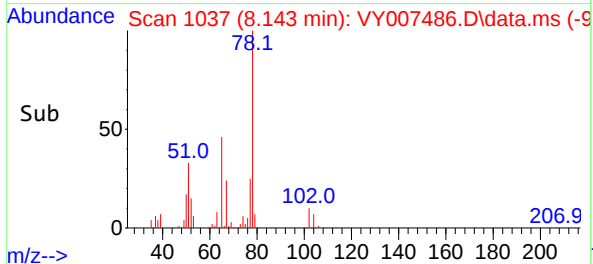
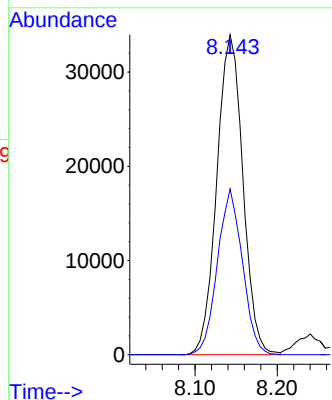
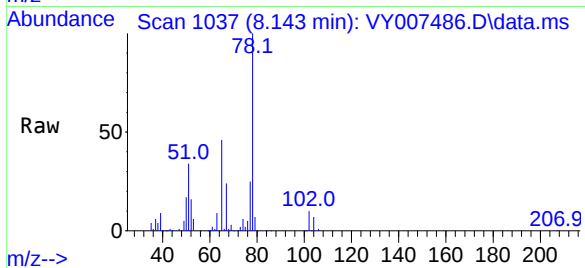
VSTDCCC050EC

Tgt Ion: 65 Resp: 74896

Ion Ratio Lower Upper

65 100

67 49.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007486.D

Acq: 11 Feb 2022 18:52

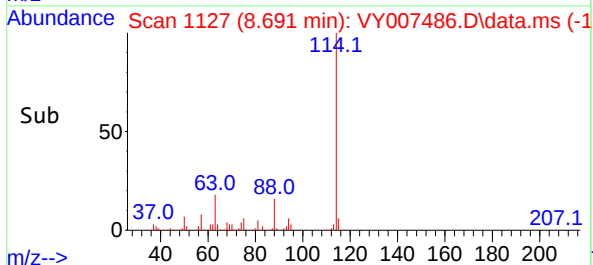
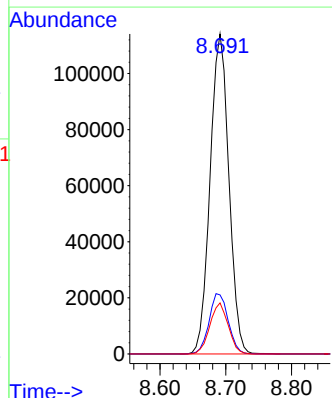
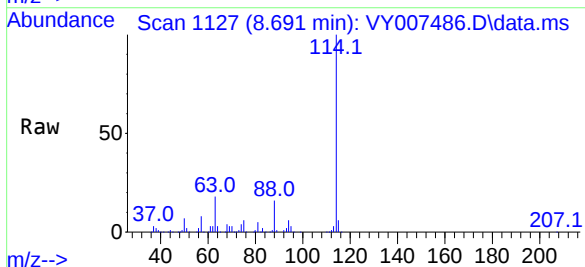
Tgt Ion: 114 Resp: 226850

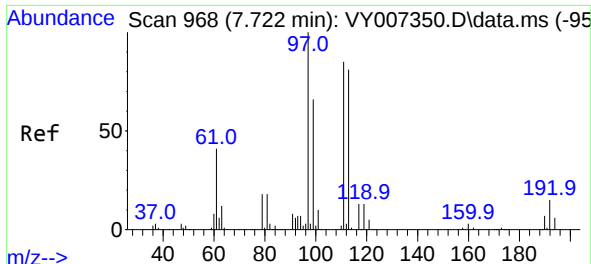
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 16.0 0.0 31.8

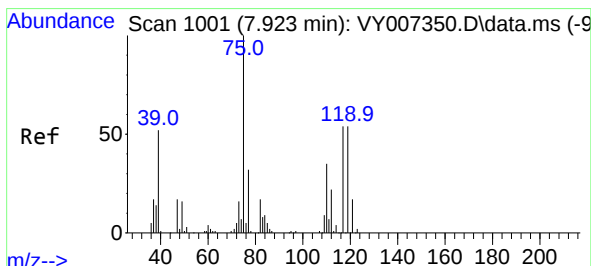
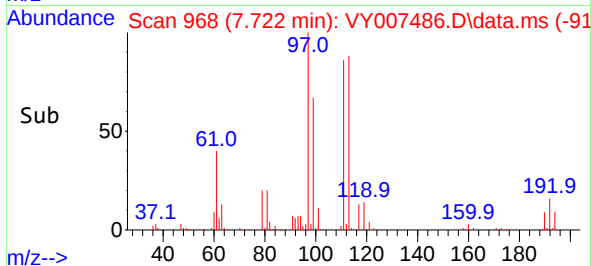
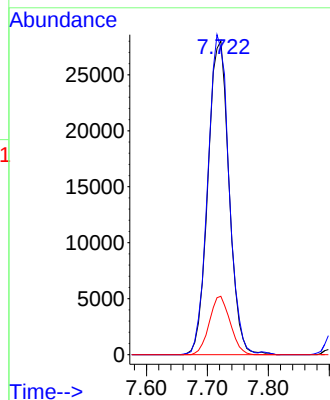
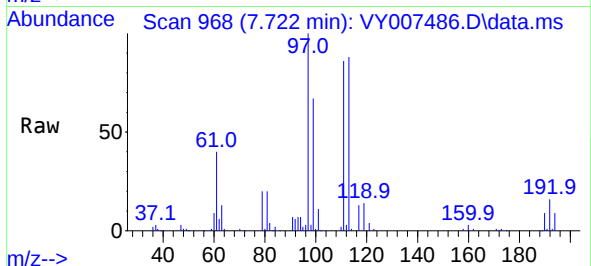




#35  
Dibromofluoromethane  
Concen: 46.373 ug/l  
RT: 7.722 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

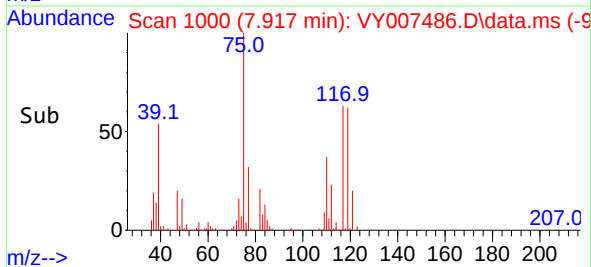
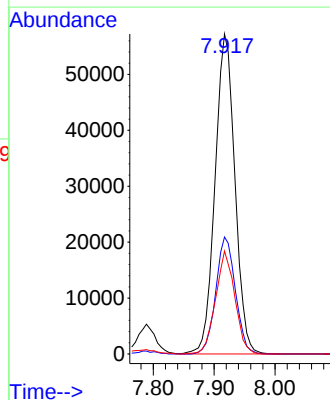
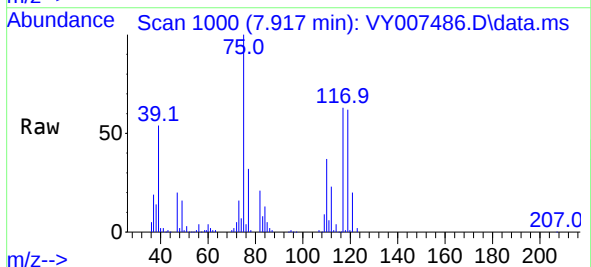
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

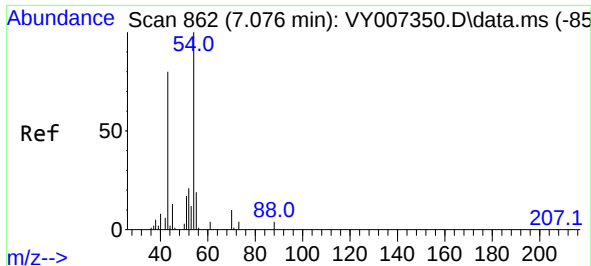
Tgt Ion:113 Resp: 67551  
Ion Ratio Lower Upper  
113 100  
111 101.9 82.6 124.0  
192 18.3 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 50.822 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. -0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 75 Resp: 129425  
Ion Ratio Lower Upper  
75 100  
110 36.1 17.1 51.2  
77 31.2 24.4 36.6

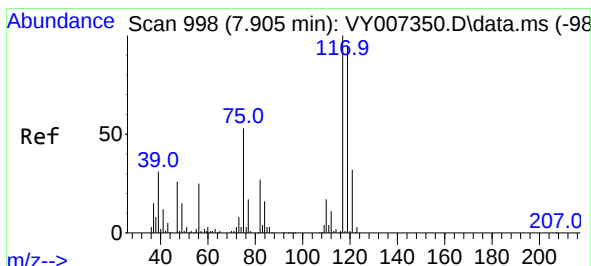
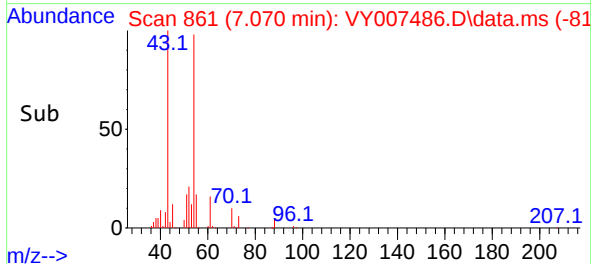
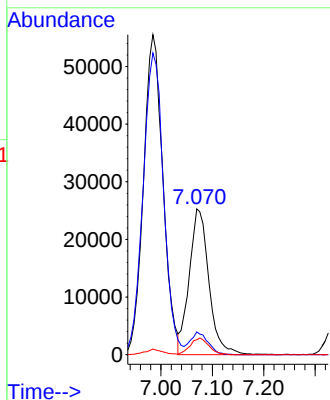
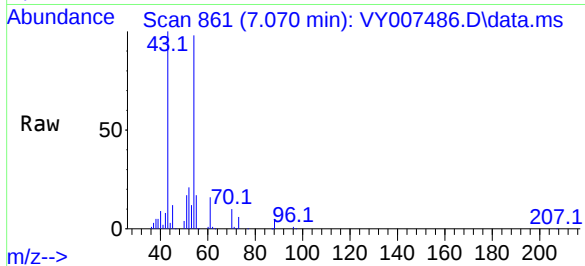




#37  
Ethyl Acetate  
Concen: 53.124 ug/l  
RT: 7.070 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

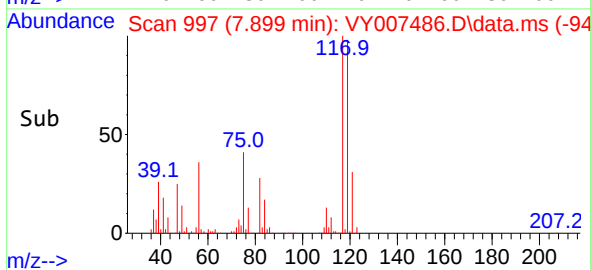
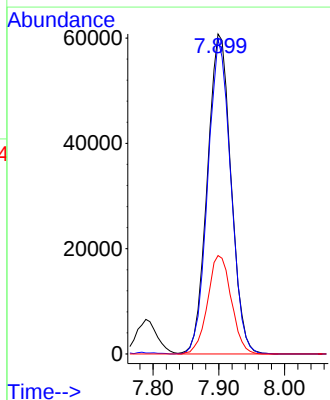
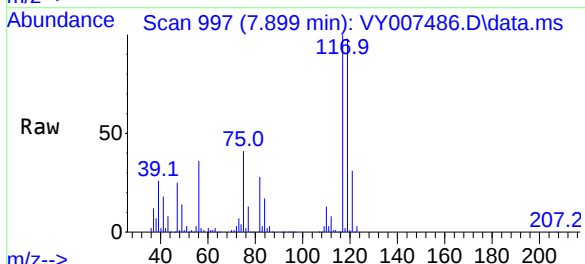
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

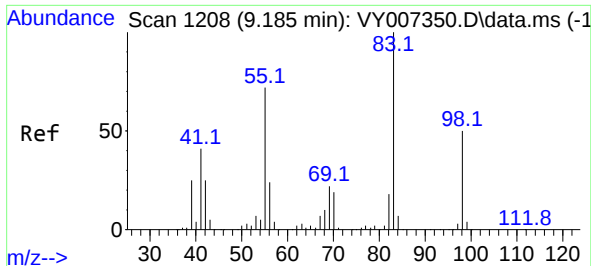
Tgt Ion: 43 Resp: 67259  
Ion Ratio Lower Upper  
43 100  
61 13.9 9.7 14.5  
70 10.8 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 56.804 ug/l  
RT: 7.899 min Scan# 997  
Delta R.T. -0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 117 Resp: 151980  
Ion Ratio Lower Upper  
117 100  
119 98.4 77.9 116.9  
121 30.8 24.8 37.2

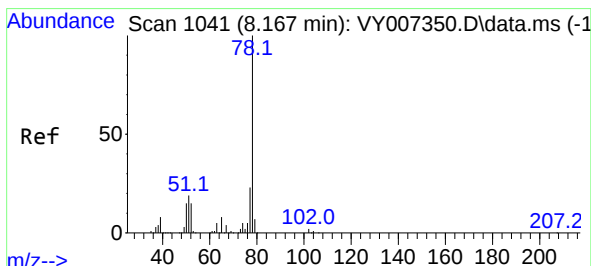
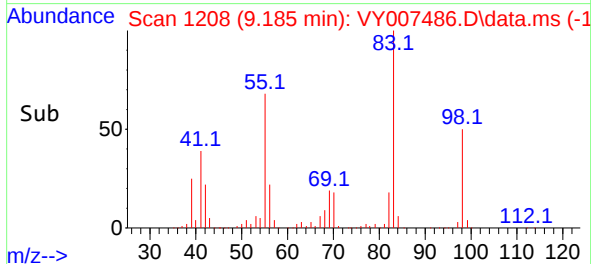
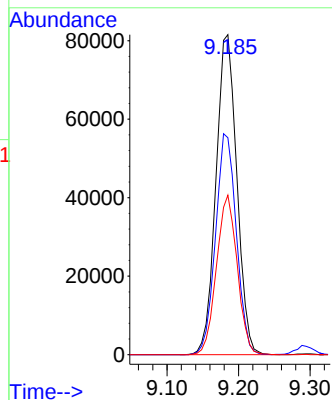
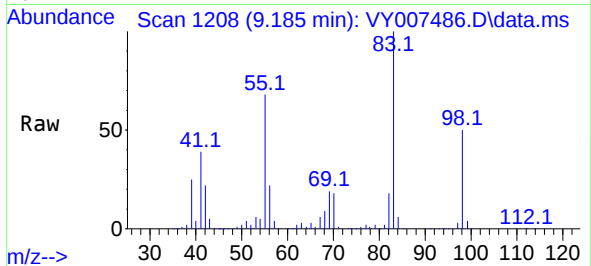




#39  
Methylcyclohexane  
Concen: 51.732 ug/l  
RT: 9.185 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

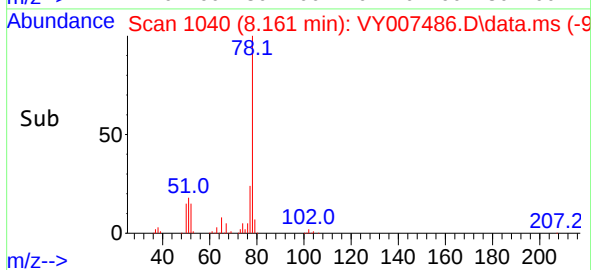
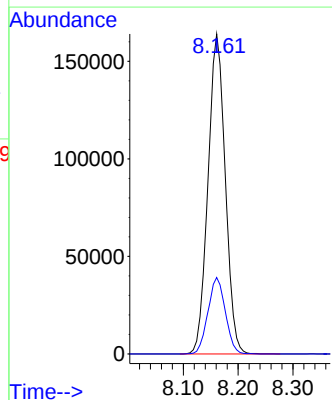
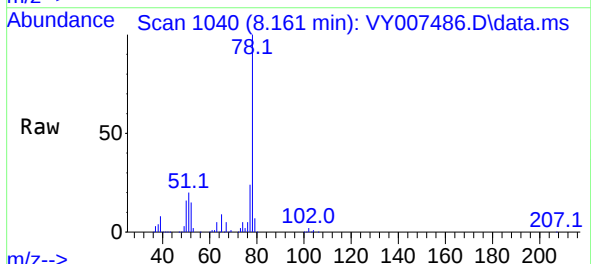
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

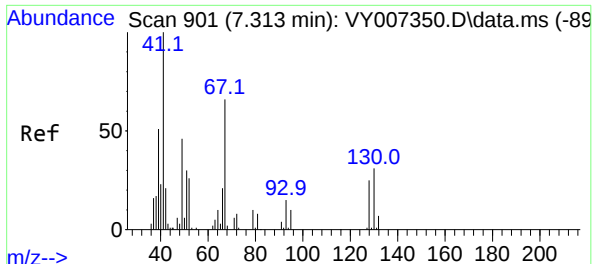
Tgt Ion: 83 Resp: 165447  
Ion Ratio Lower Upper  
83 100  
55 67.8 66.5 99.7  
98 49.8 37.9 56.9



#40  
Benzene  
Concen: 53.025 ug/l  
RT: 8.161 min Scan# 1040  
Delta R.T. -0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 78 Resp: 357931  
Ion Ratio Lower Upper  
78 100  
77 23.9 20.4 30.6

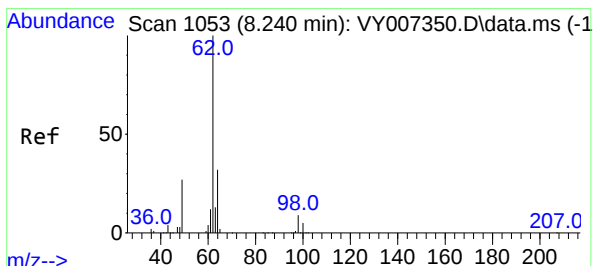
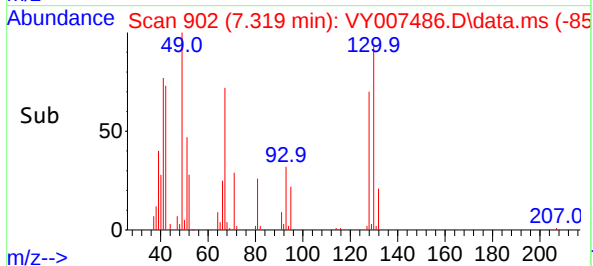
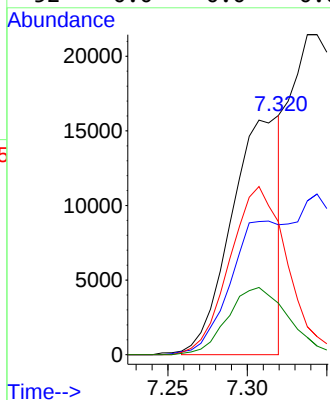
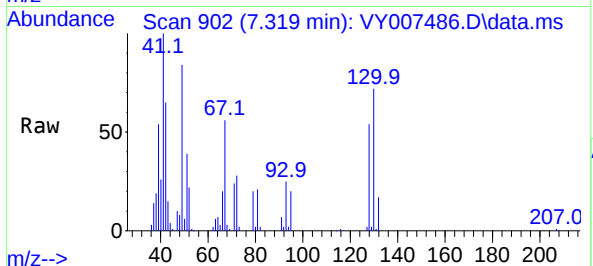




#41  
Methacrylonitrile  
Concen: 54.256 ug/l m  
RT: 7.319 min Scan# 901  
Delta R.T. 0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

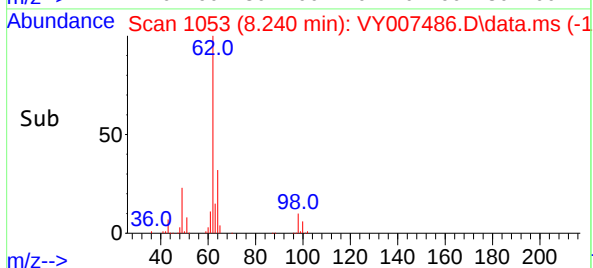
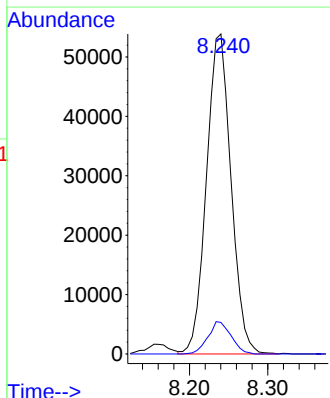
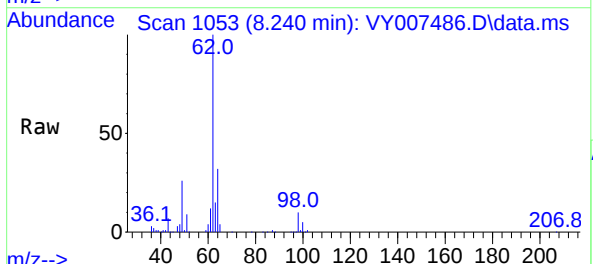
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

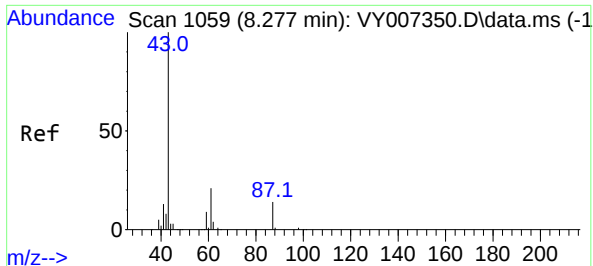
Tgt Ion: 41 Resp: 34135  
Ion Ratio Lower Upper  
41 100  
39 0.0 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 57.229 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 62 Resp: 117433  
Ion Ratio Lower Upper  
62 100  
98 9.5 0.0 14.8

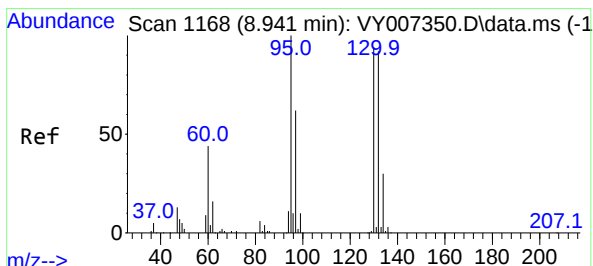
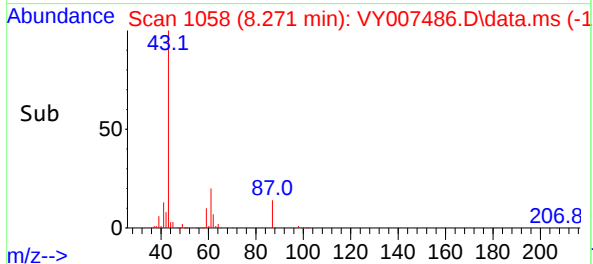
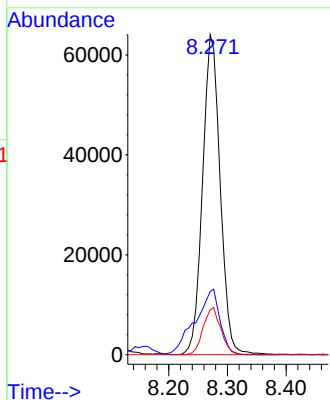
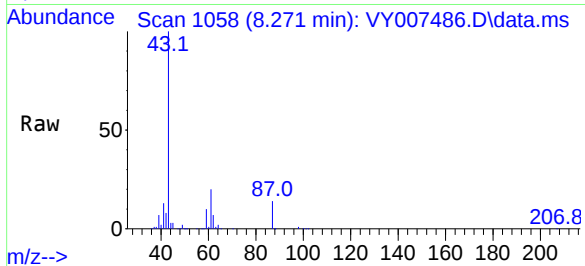




#43  
Isopropyl Acetate  
Concen: 56.368 ug/l  
RT: 8.271 min Scan# 1058  
Delta R.T. -0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

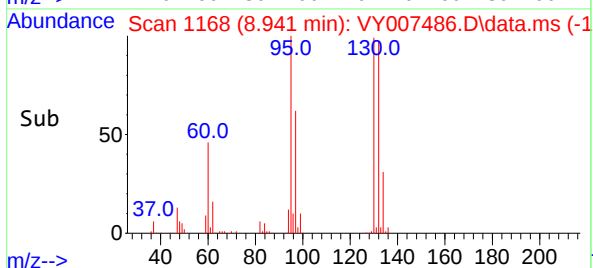
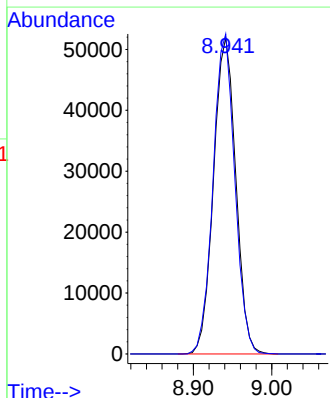
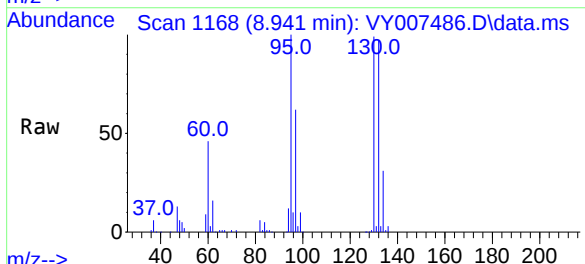
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

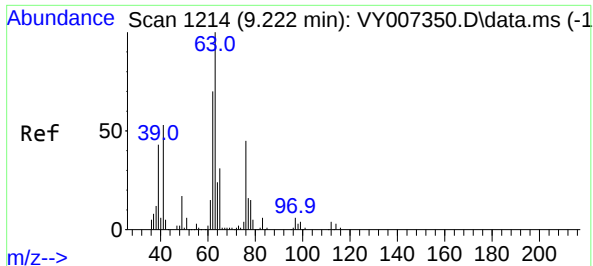
Tgt Ion: 43 Resp: 133464  
Ion Ratio Lower Upper  
43 100  
61 28.9 20.2 30.2  
87 14.7 8.9 13.3#



#44  
Trichloroethene  
Concen: 56.136 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion:130 Resp: 102458  
Ion Ratio Lower Upper  
130 100  
95 101.2 0.0 188.2





#45

1,2-Dichloropropane

Concen: 52.279 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007486.D

Acq: 11 Feb 2022 18:52

Instrument :

MSVOA\_Y

ClientSampleId :

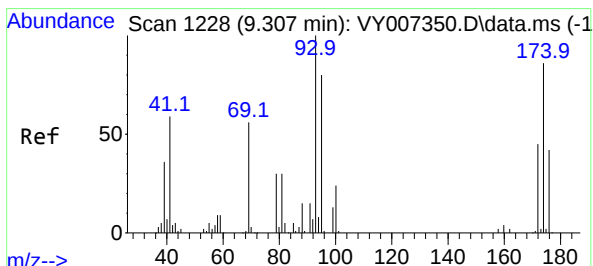
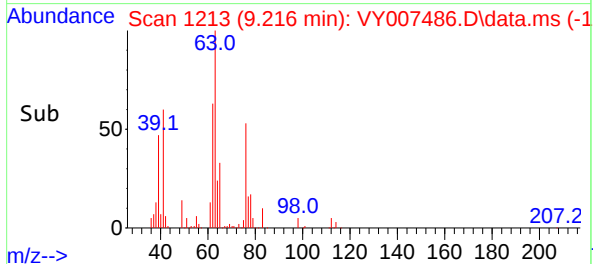
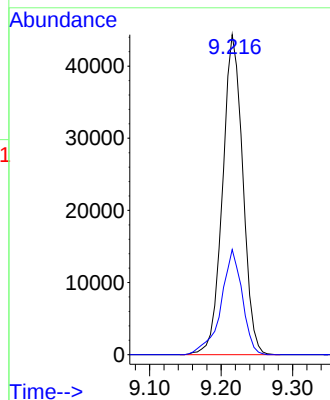
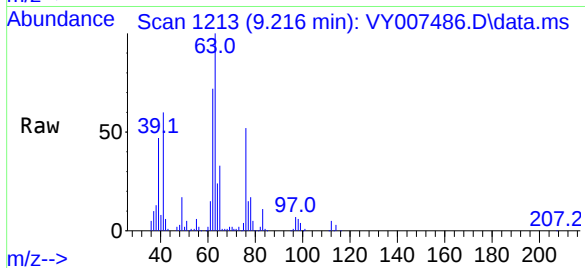
VSTDCCC050EC

Tgt Ion: 63 Resp: 87018

Ion Ratio Lower Upper

63 100

65 32.8 23.0 34.6



#46

Dibromomethane

Concen: 55.517 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY007486.D

Acq: 11 Feb 2022 18:52

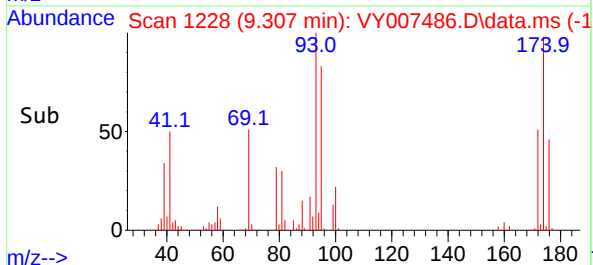
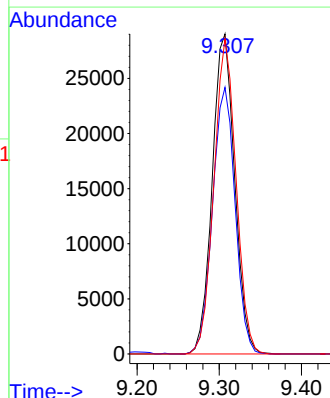
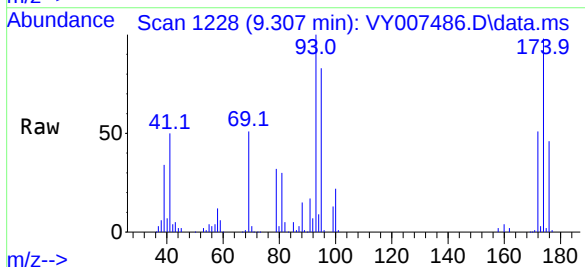
Tgt Ion: 93 Resp: 54978

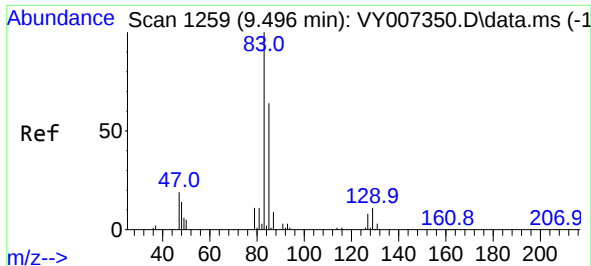
Ion Ratio Lower Upper

93 100

95 83.8 64.3 96.5

174 97.3 83.4 125.0

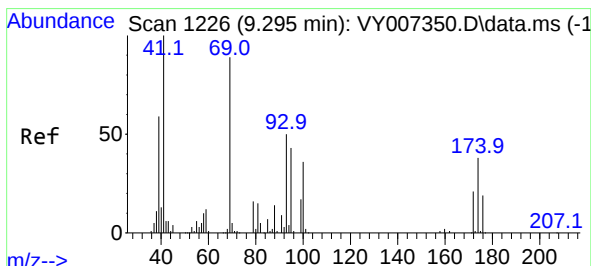
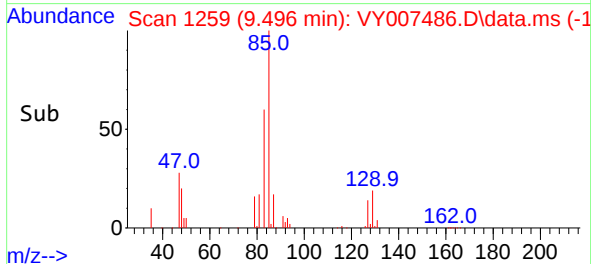
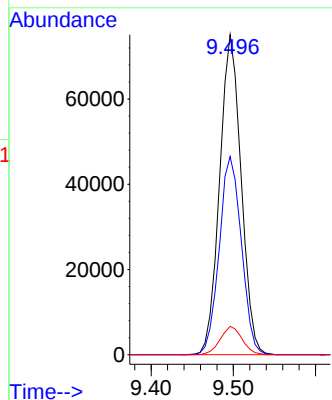
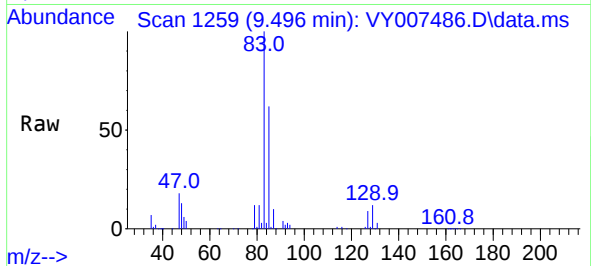




#47  
Bromodichloromethane  
Concen: 57.003 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

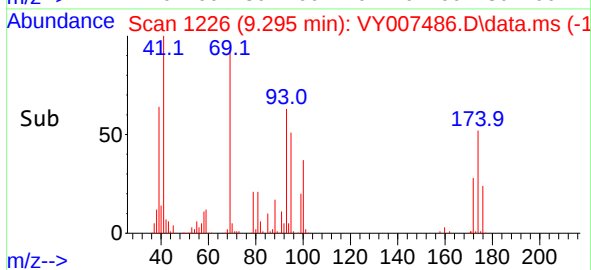
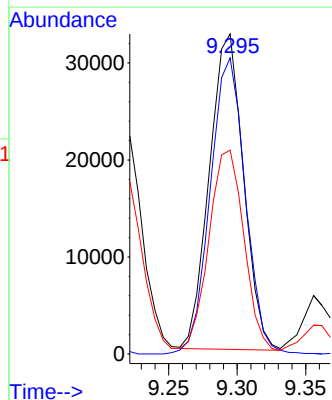
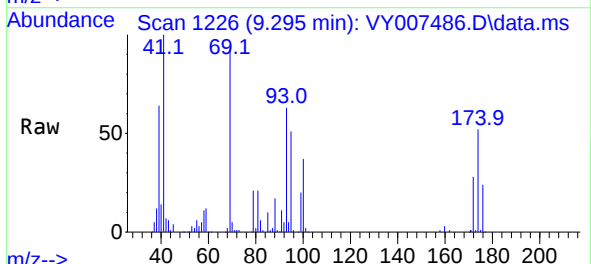
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

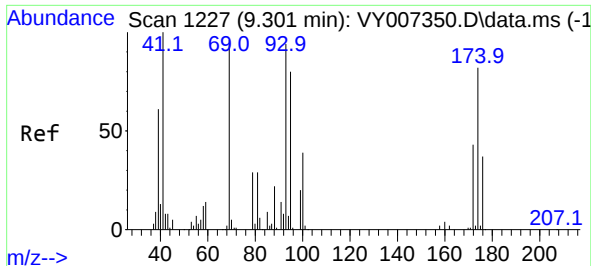
Tgt Ion: 83 Resp: 136505  
Ion Ratio Lower Upper  
83 100  
85 61.9 51.9 77.9  
127 8.8 6.6 10.0



#48  
Methyl methacrylate  
Concen: 52.586 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 41 Resp: 56308  
Ion Ratio Lower Upper  
41 100  
69 96.3 58.2 87.2#  
39 65.3 47.4 71.0





#49

1,4-Dioxane

Concen: 1270.701 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007486.D

Acq: 11 Feb 2022 18:52

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

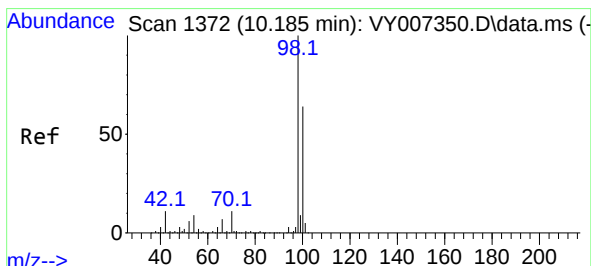
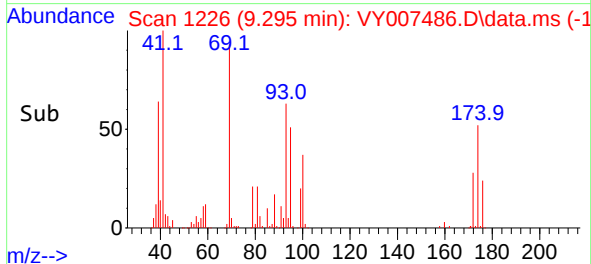
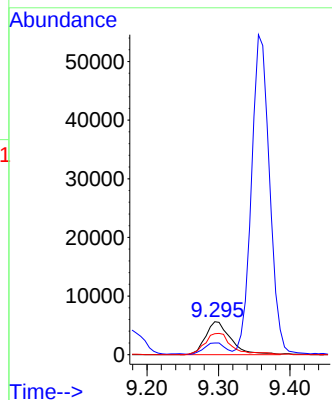
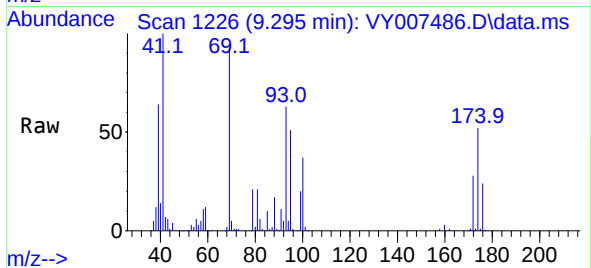
Tgt Ion: 88 Resp: 13784

Ion Ratio Lower Upper

88 100

43 28.9 32.8 49.2#

58 70.0 59.8 89.6



#50

Toluene-d8

Concen: 45.833 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY007486.D

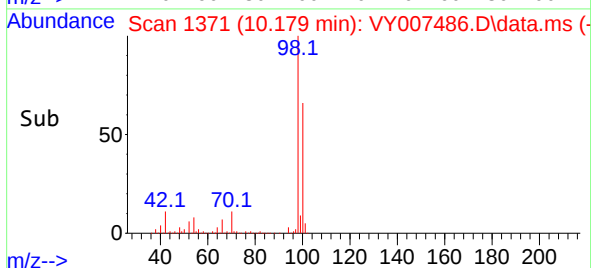
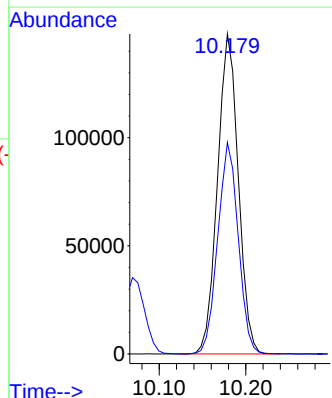
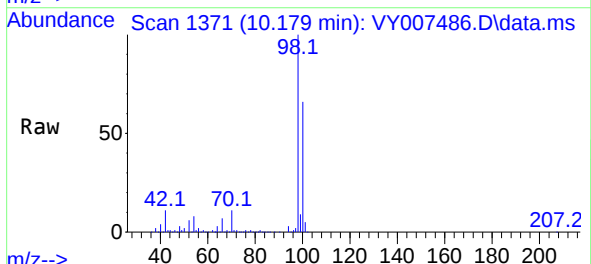
Acq: 11 Feb 2022 18:52

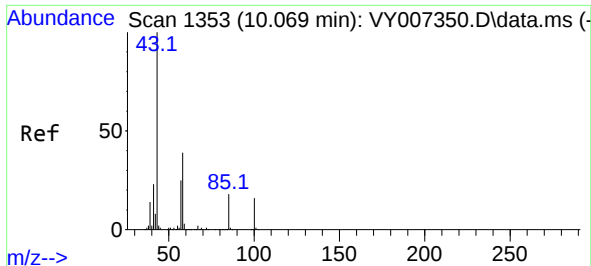
Tgt Ion: 98 Resp: 246663

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2

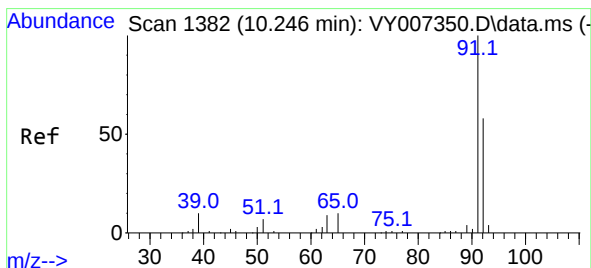
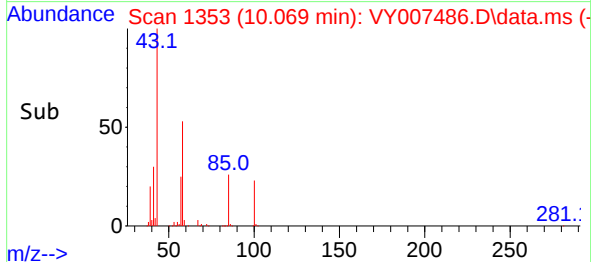
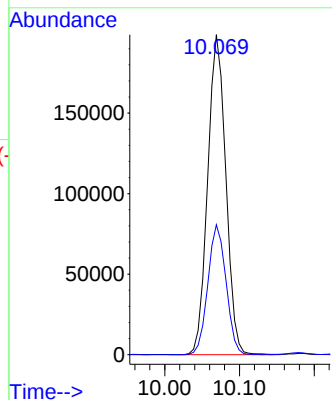
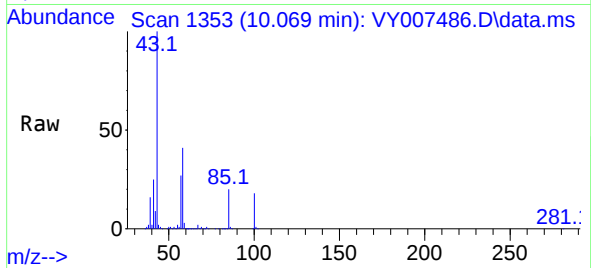




#51  
4-Methyl-2-Pentanone  
Concen: 279.199 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

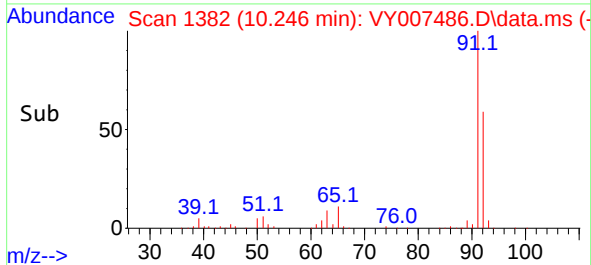
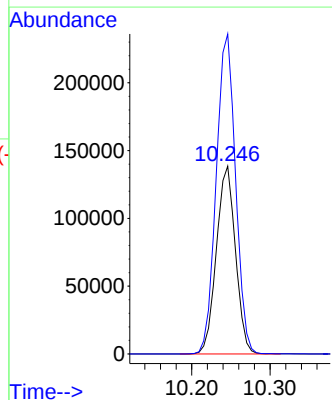
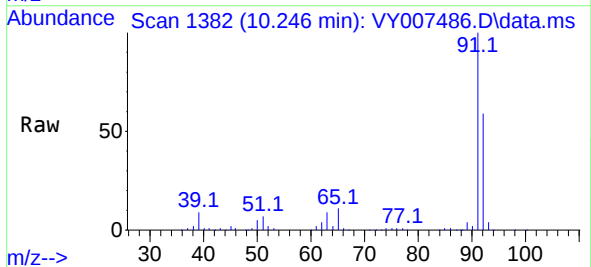
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

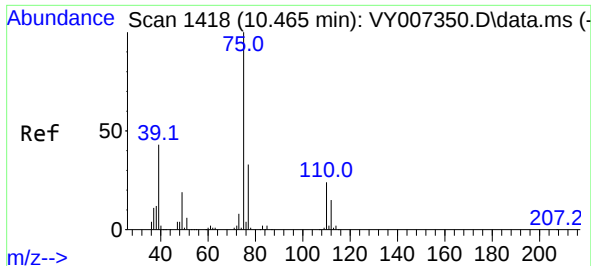
Tgt Ion: 43 Resp: 335271  
Ion Ratio Lower Upper  
43 100  
58 40.6 28.1 42.1



#52  
Toluene  
Concen: 55.127 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 92 Resp: 234463  
Ion Ratio Lower Upper  
92 100  
91 172.6 142.6 213.8

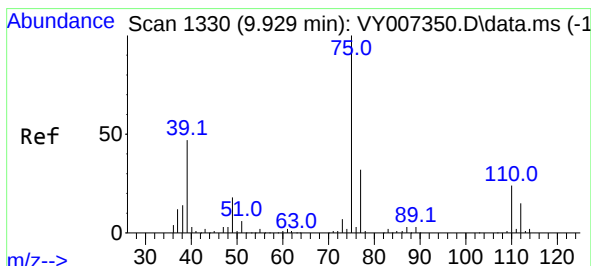
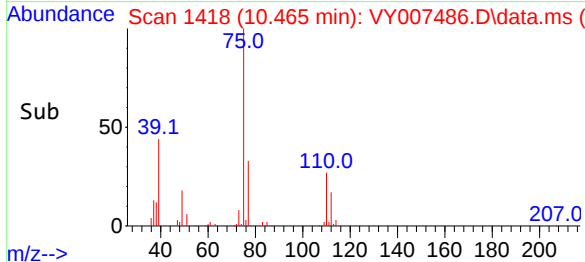
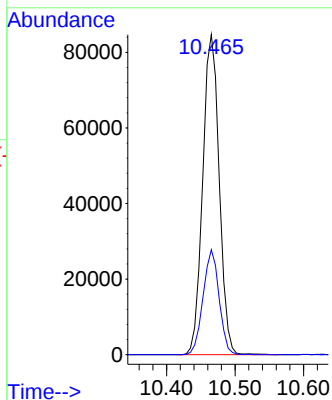
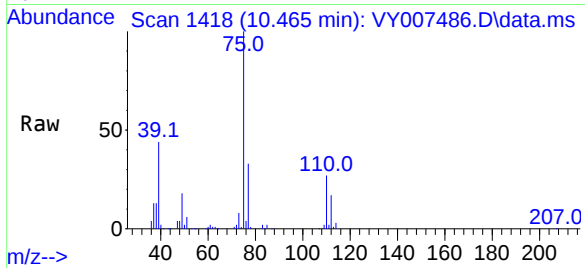




#53  
t-1,3-Dichloropropene  
Concen: 56.777 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

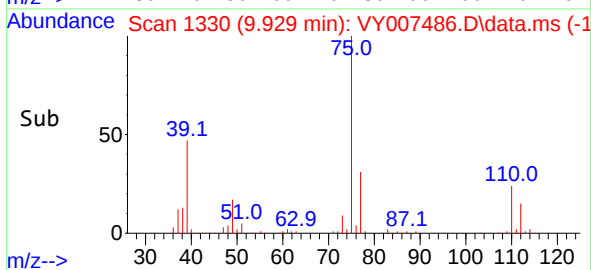
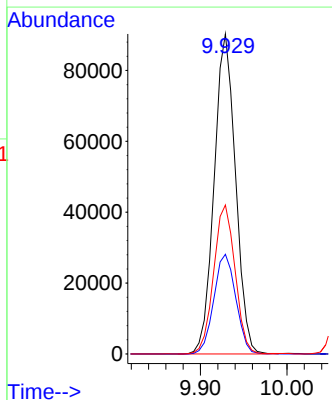
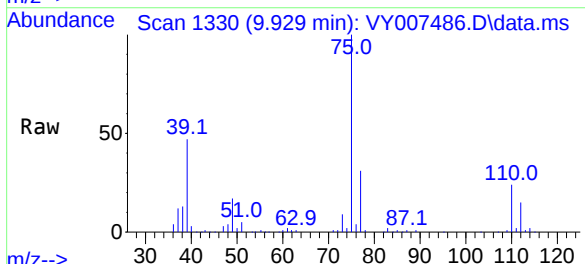
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

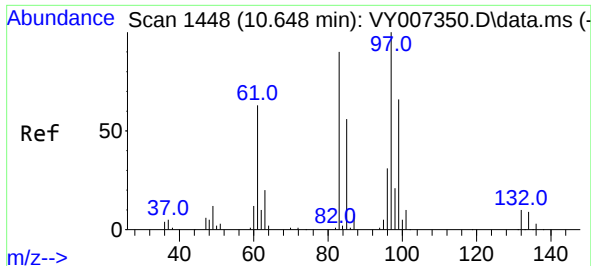
Tgt Ion: 75 Resp: 142039  
Ion Ratio Lower Upper  
75 100  
77 32.8 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 55.172 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 75 Resp: 154598  
Ion Ratio Lower Upper  
75 100  
77 31.1 25.6 38.4  
39 46.6 47.6 71.4#



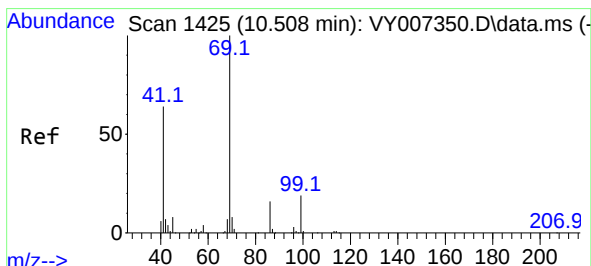
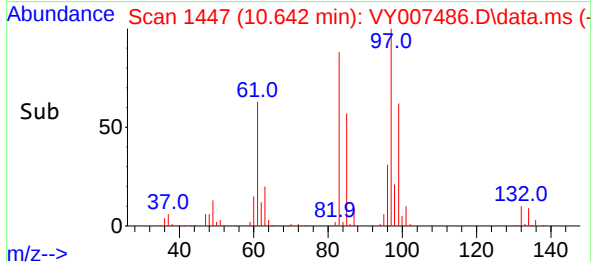
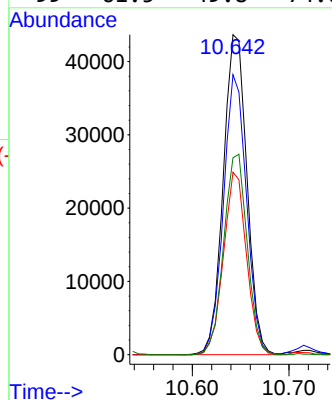
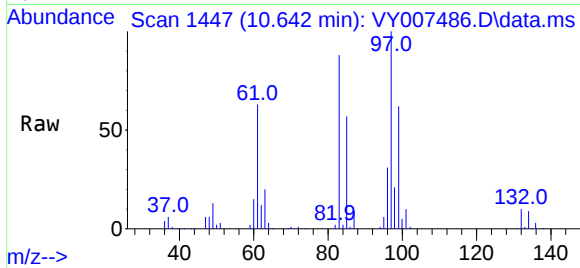


#55  
1,1,2-Trichloroethane  
Concen: 57.111 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. -0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 97 Resp: 74279

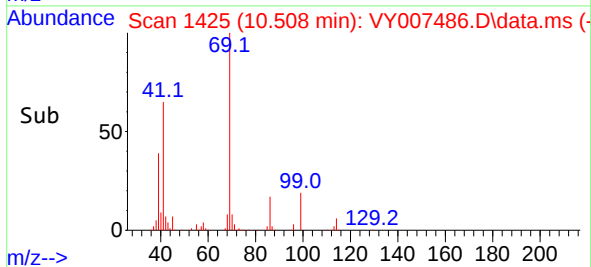
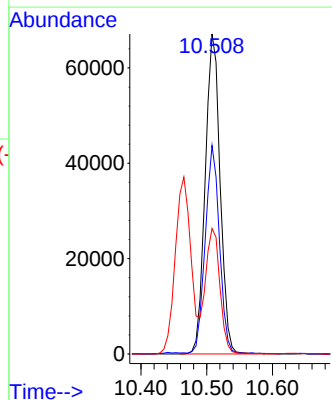
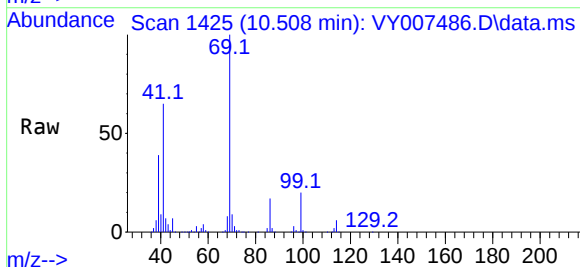
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.5  | 69.8  | 104.8 |
| 85  | 57.0  | 44.3  | 66.5  |
| 99  | 61.5  | 49.8  | 74.6  |

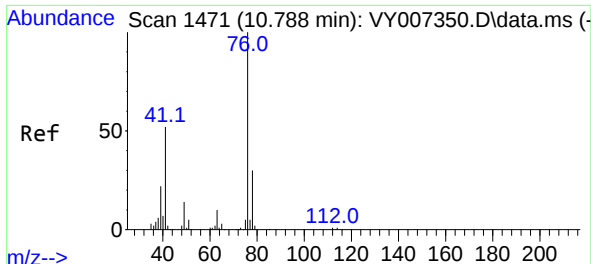


#56  
Ethyl methacrylate  
Concen: 58.541 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 69 Resp: 105753

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 61.8  | 63.4  | 95.0# |
| 39  | 36.9  | 35.8  | 53.8  |





#57

1,3-Dichloropropane

Concen: 55.671 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY007486.D

Acq: 11 Feb 2022 18:52

Instrument :

MSVOA\_Y

ClientSampleId :

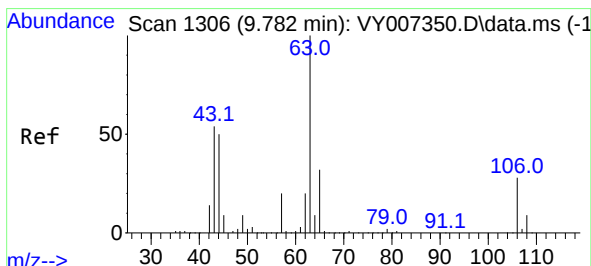
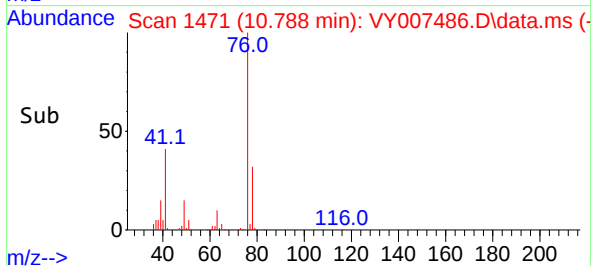
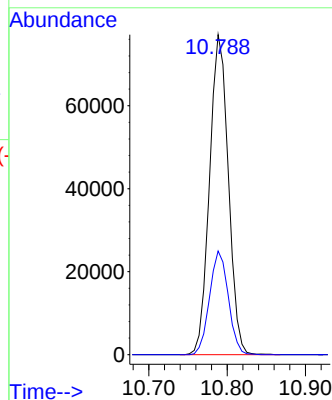
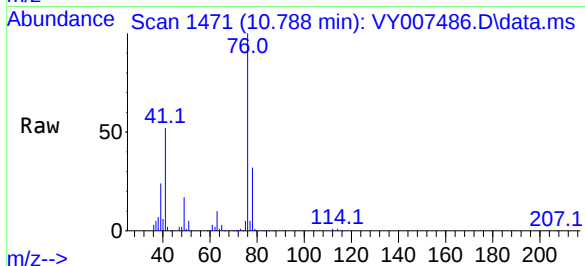
VSTDCCC050EC

Tgt Ion: 76 Resp: 128377

Ion Ratio Lower Upper

76 100

78 32.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 242.617 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY007486.D

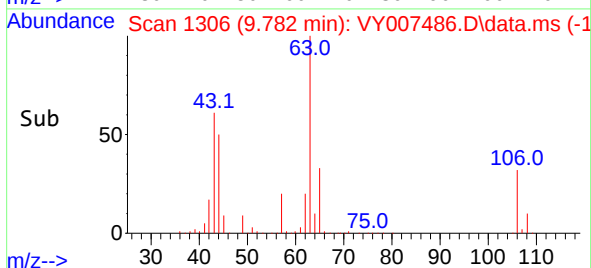
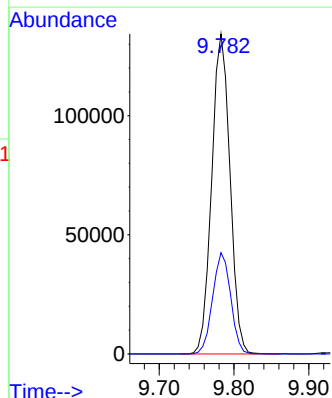
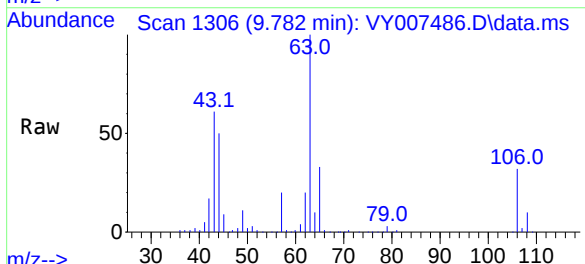
Acq: 11 Feb 2022 18:52

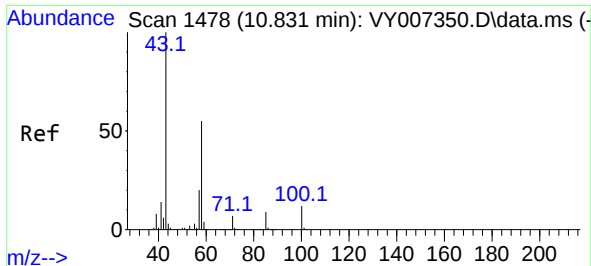
Tgt Ion: 63 Resp: 227986

Ion Ratio Lower Upper

63 100

106 31.2 21.5 32.3

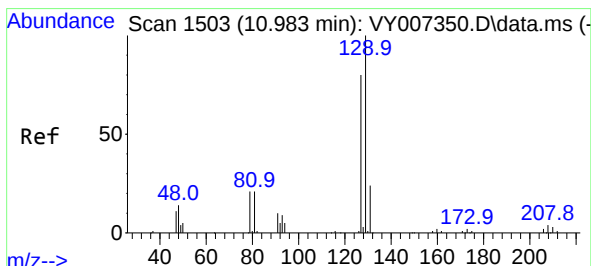
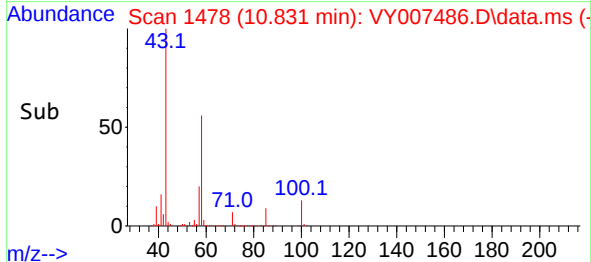
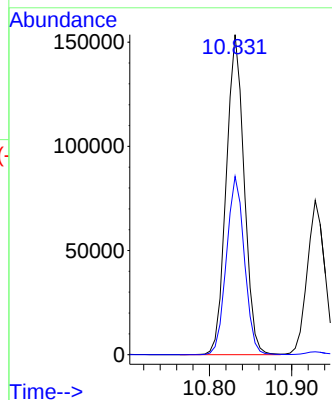
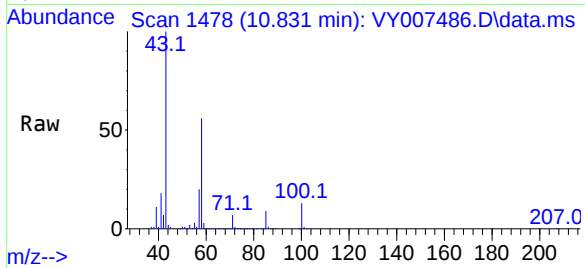




#59  
2-Hexanone  
Concen: 266.194 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

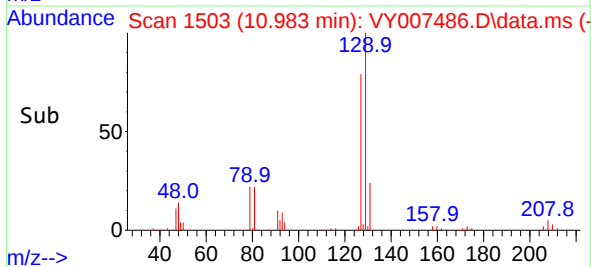
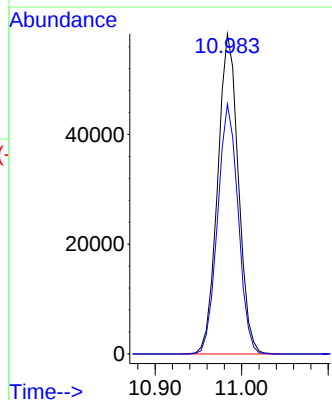
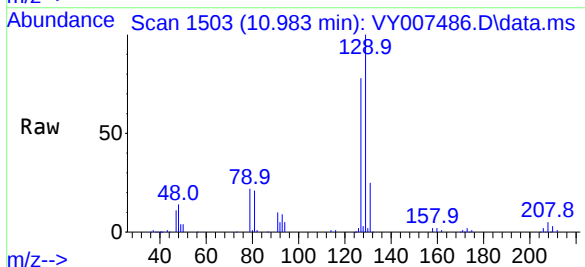
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

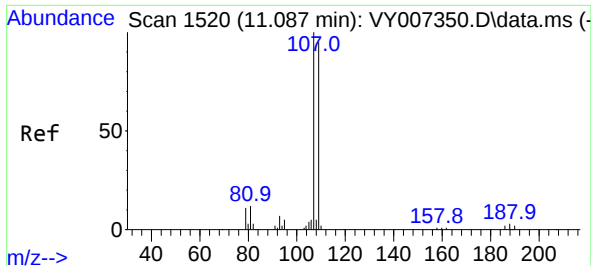
Tgt Ion: 43 Resp: 233042  
Ion Ratio Lower Upper  
43 100  
58 55.7 24.4 73.4



#60  
Dibromochloromethane  
Concen: 59.810 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion:129 Resp: 96844  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.7 116.1

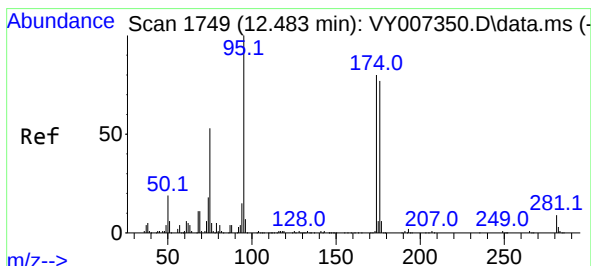
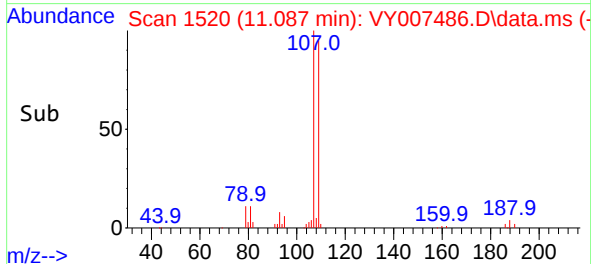
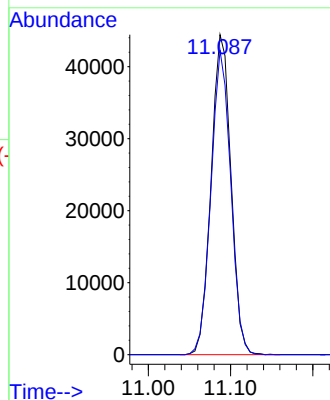
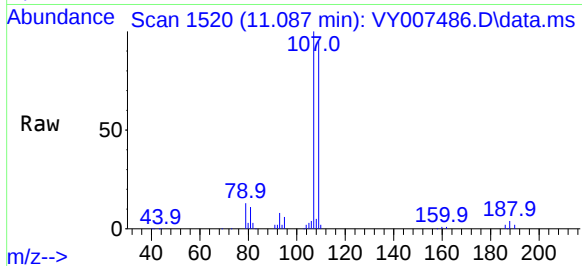




#61  
1,2-Dibromoethane  
Concen: 57.883 ug/l  
RT: 11.087 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

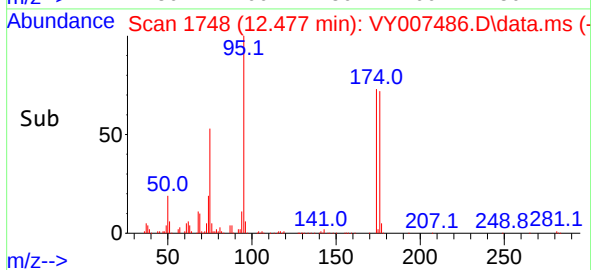
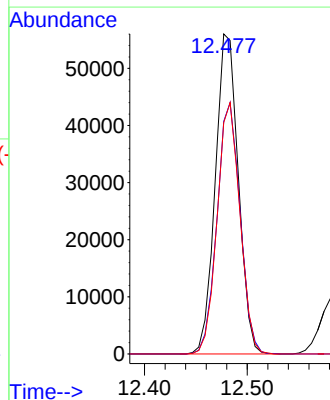
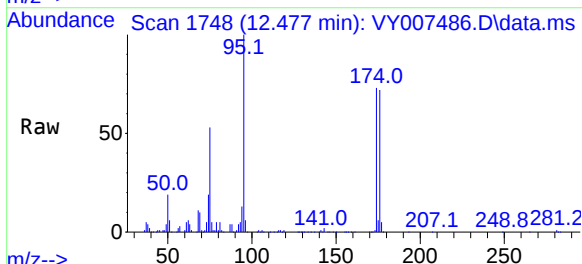
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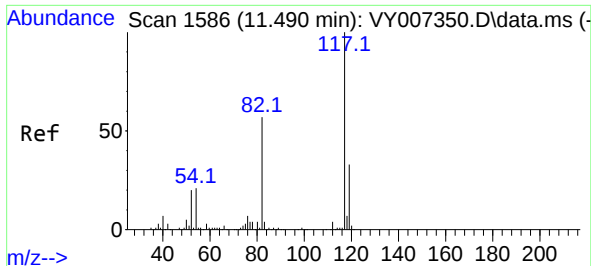
Tgt Ion:107 Resp: 74481  
Ion Ratio Lower Upper  
107 100  
109 94.5 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 47.518 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 95 Resp: 86919  
Ion Ratio Lower Upper  
95 100  
174 78.7 0.0 177.0  
176 77.7 0.0 175.8

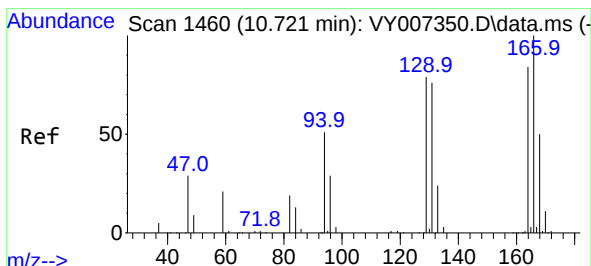
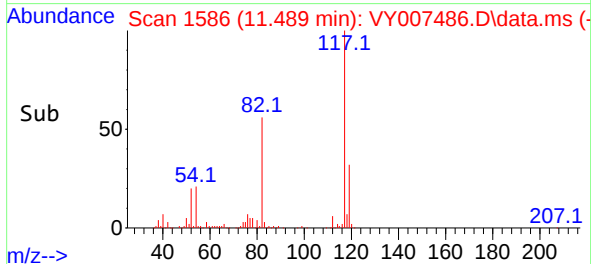
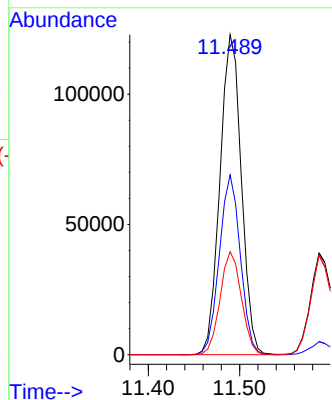
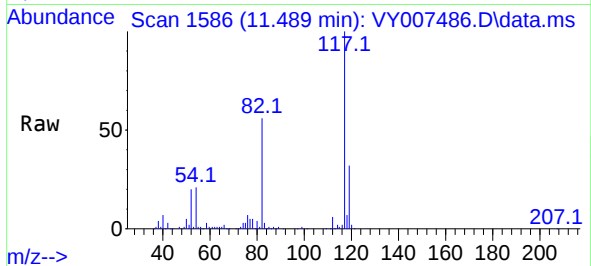




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

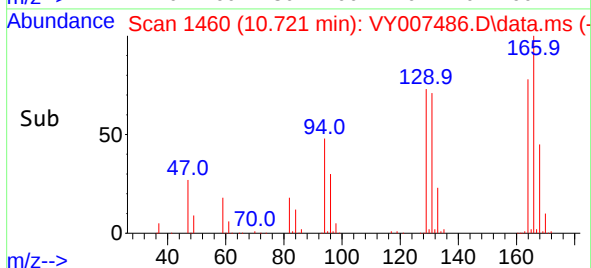
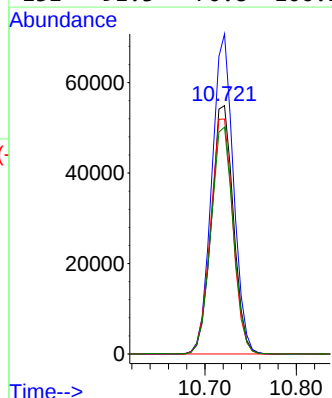
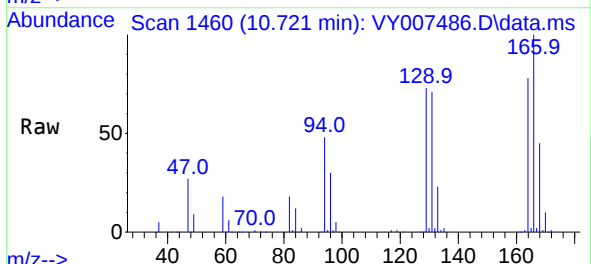
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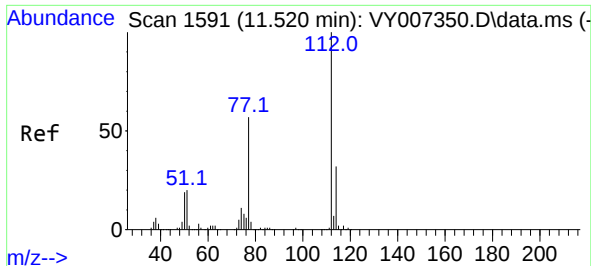
Tgt Ion:117 Resp: 199918  
Ion Ratio Lower Upper  
117 100  
82 56.2 43.0 64.4  
119 32.2 25.4 38.0



#64  
Tetrachloroethene  
Concen: 58.475 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion:164 Resp: 91742  
Ion Ratio Lower Upper  
164 100  
166 128.9 100.4 150.6  
129 94.6 71.4 107.0  
131 91.3 70.8 106.2

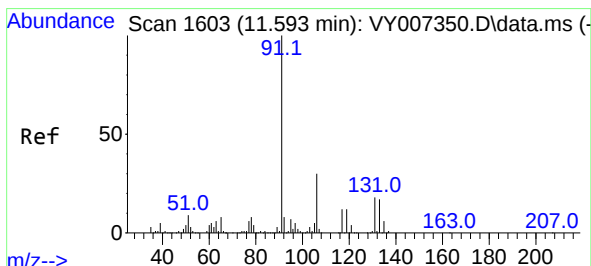
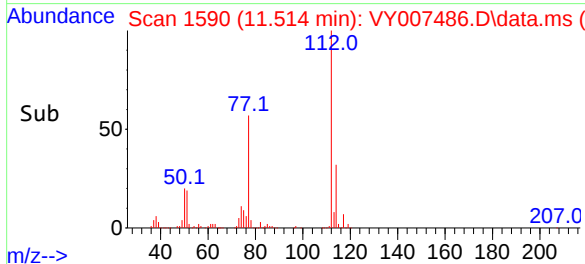
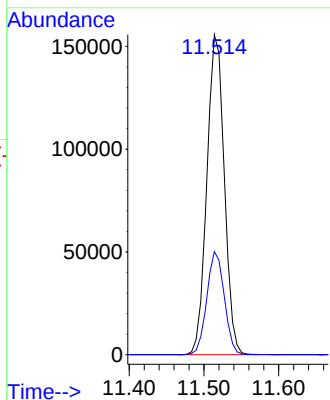
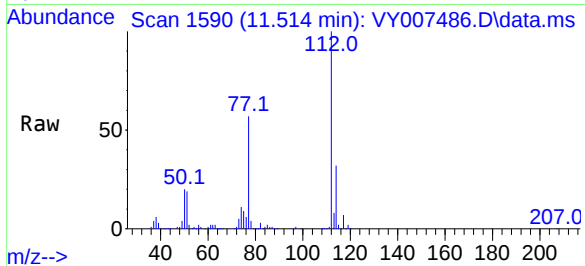




#65  
Chlorobenzene  
Concen: 56.818 ug/l  
RT: 11.514 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

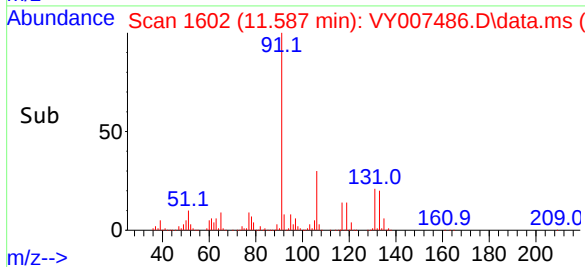
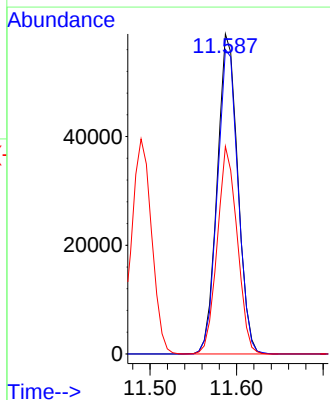
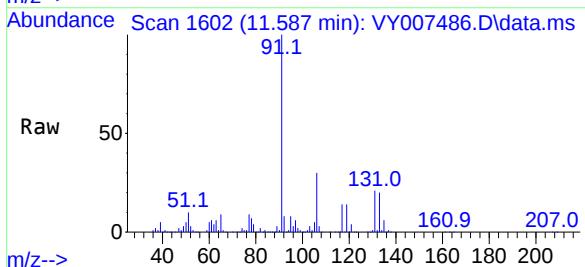
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MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

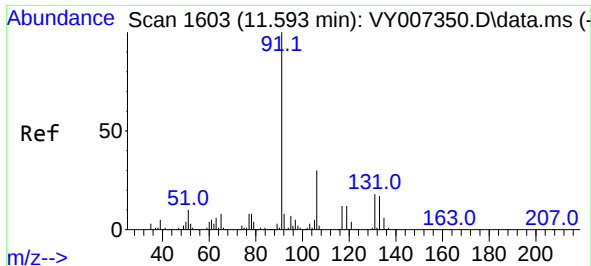
Tgt Ion:112 Resp: 252686  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 58.375 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion:131 Resp: 96914  
Ion Ratio Lower Upper  
131 100  
133 95.8 47.9 143.6  
119 62.9 30.8 92.3

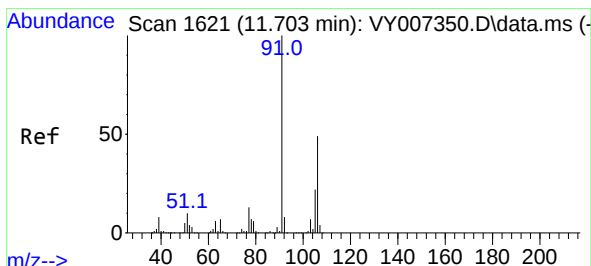
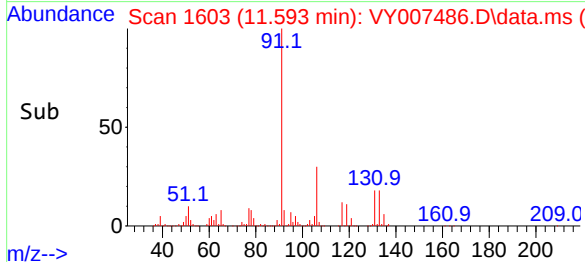
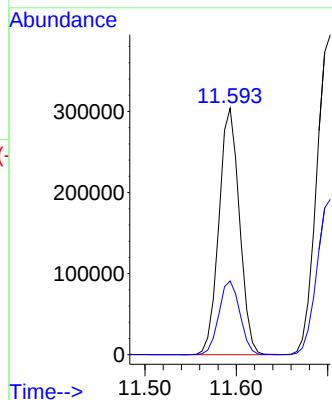
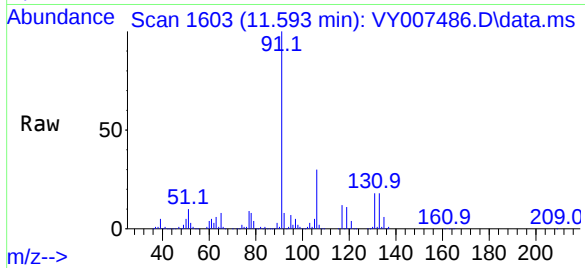




#67  
Ethyl Benzene  
Concen: 56.172 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

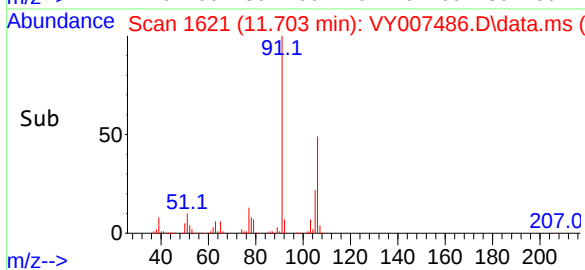
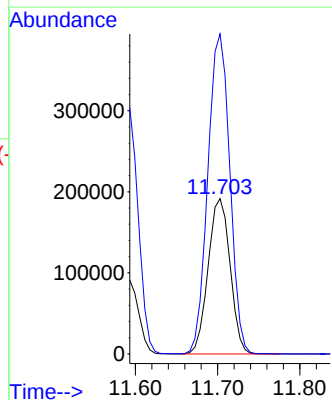
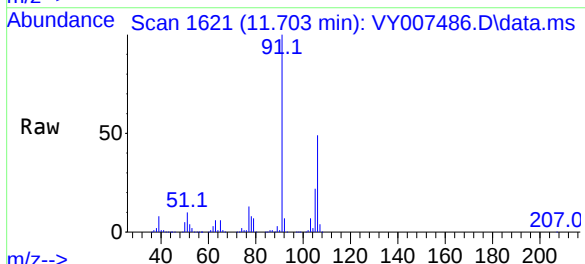
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

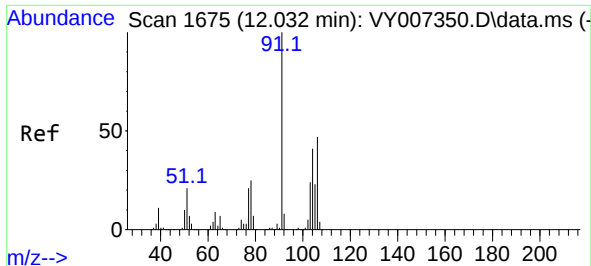
Tgt Ion: 91 Resp: 474047  
Ion Ratio Lower Upper  
91 100  
106 29.9 24.5 36.7



#68  
m/p-Xylenes  
Concen: 113.785 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion:106 Resp: 355655  
Ion Ratio Lower Upper  
106 100  
91 206.4 166.6 249.8

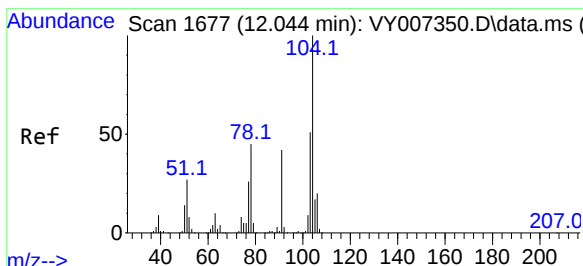
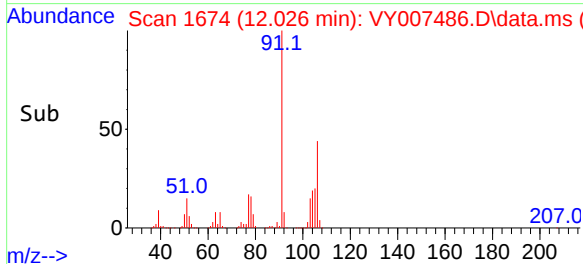
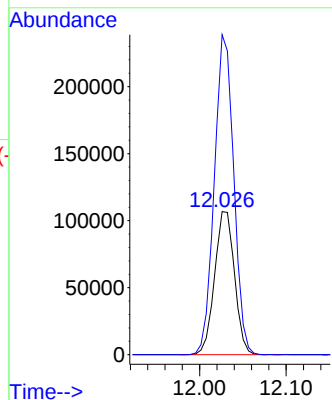
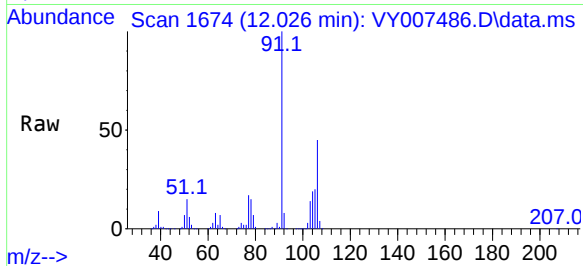




#69  
o-Xylene  
Concen: 57.727 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. -0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

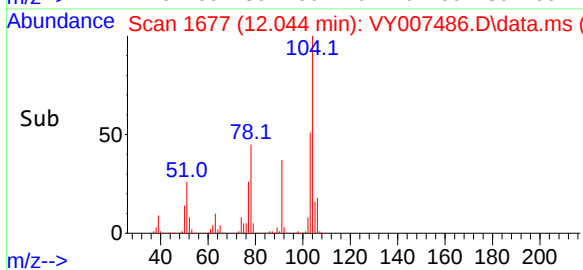
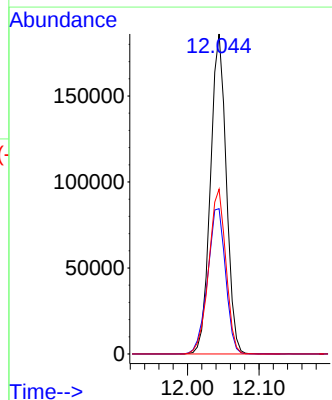
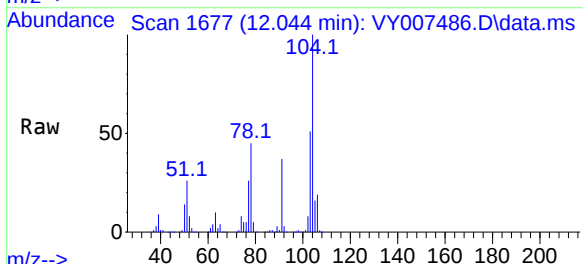
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MSVOA\_Y  
ClientSampleId :  
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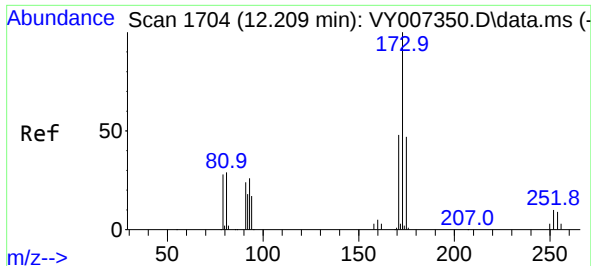
Tgt Ion:106 Resp: 170595  
Ion Ratio Lower Upper  
106 100  
91 218.1 110.3 331.0



#70  
Styrene  
Concen: 58.741 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion:104 Resp: 286164  
Ion Ratio Lower Upper  
104 100  
78 51.6 42.4 63.6  
103 55.6 44.4 66.6

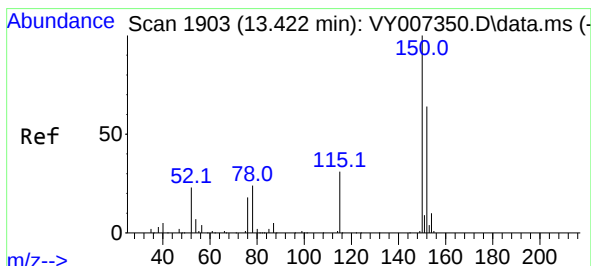
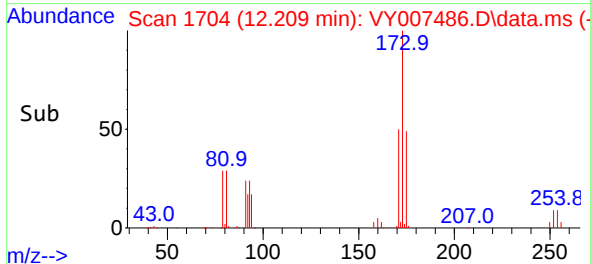
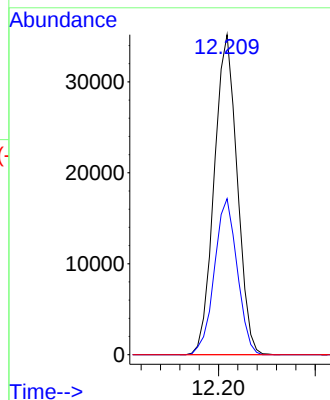
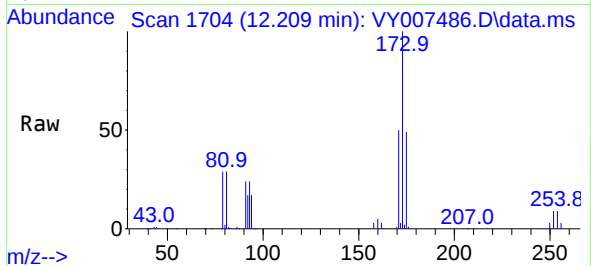




#71  
Bromoform  
Concen: 63.302 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

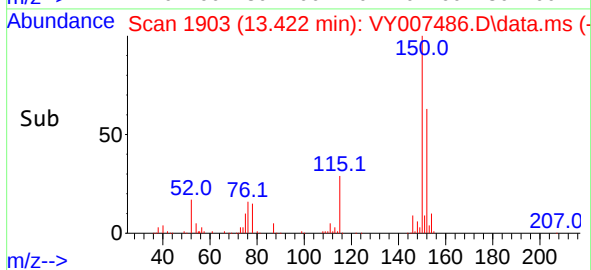
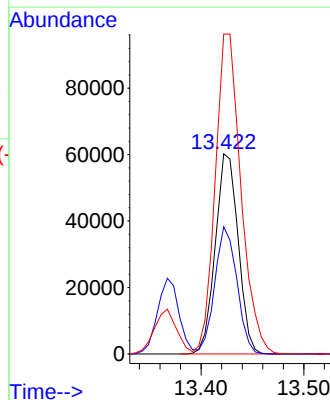
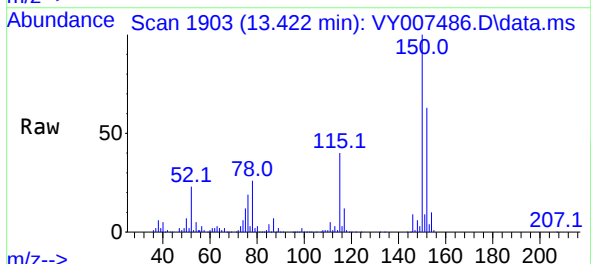
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MSVOA\_Y  
ClientSampleId :  
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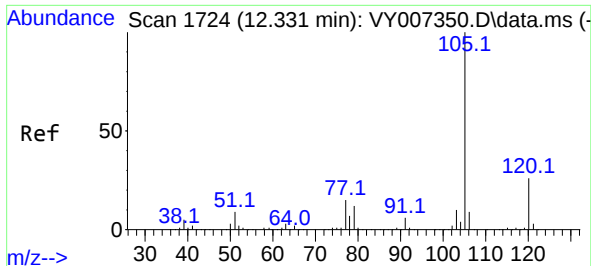
Tgt Ion:173 Resp: 57984  
Ion Ratio Lower Upper  
173 100  
175 48.4 24.6 74.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion:152 Resp: 93163  
Ion Ratio Lower Upper  
152 100  
115 61.3 28.2 84.7  
150 179.5 0.0 347.6

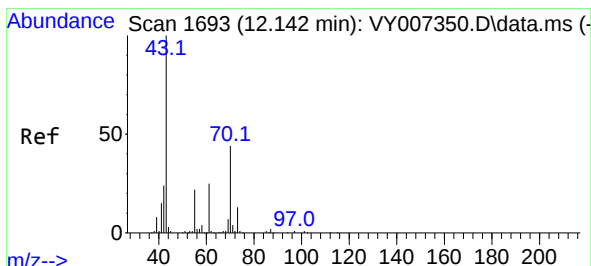
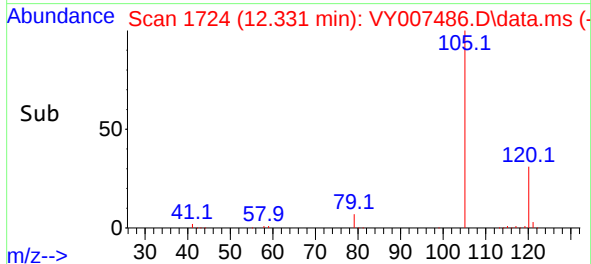
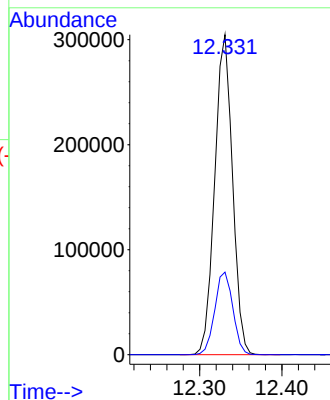
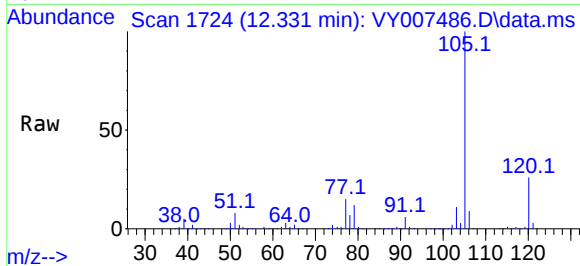




#73  
Isopropylbenzene  
Concen: 53.722 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

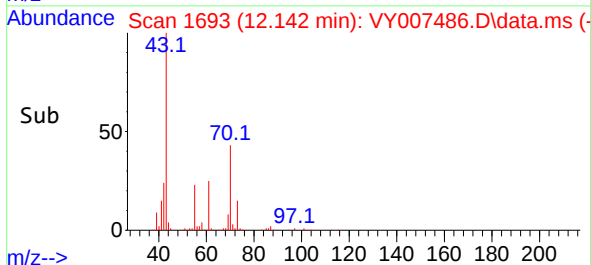
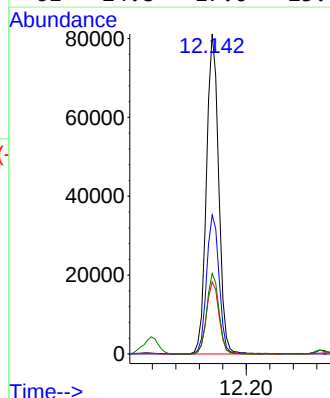
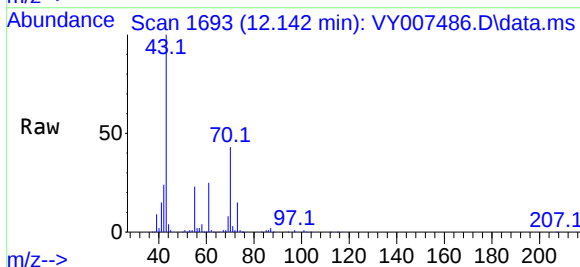
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MSVOA\_Y  
ClientSampleId :  
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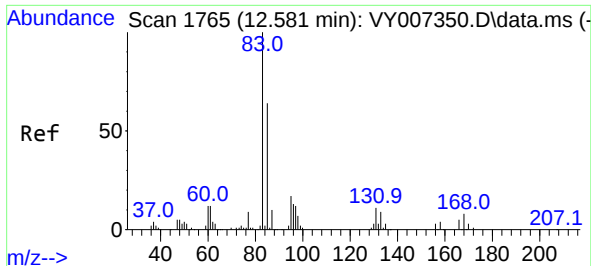
Tgt Ion:105 Resp: 457405  
Ion Ratio Lower Upper  
105 100  
120 26.2 13.4 40.2



#74  
N-ethyl acetate  
Concen: 55.928 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 43 Resp: 117871  
Ion Ratio Lower Upper  
43 100  
70 44.3 28.7 43.1#  
55 23.1 17.3 25.9  
61 24.8 17.0 25.6

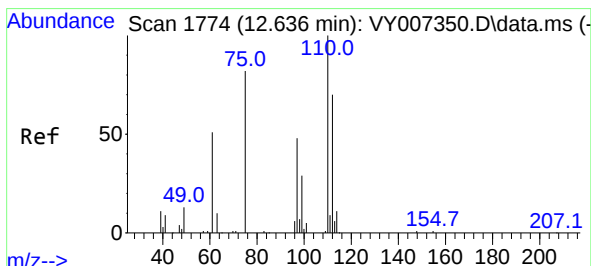
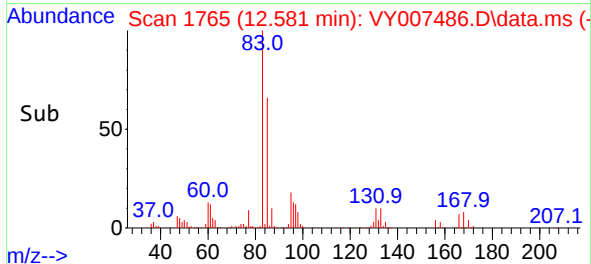
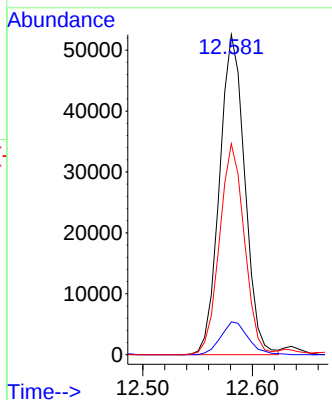
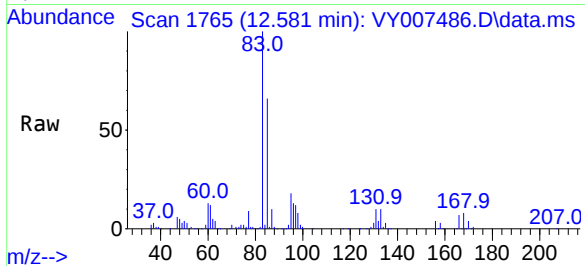




#75  
1,1,2,2-Tetrachloroethane  
Concen: 54.113 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

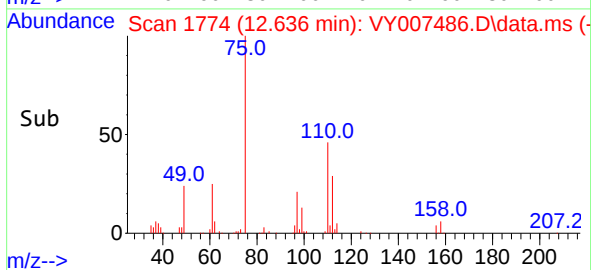
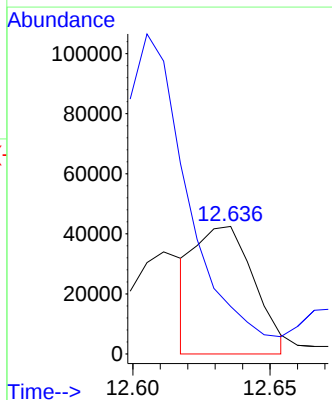
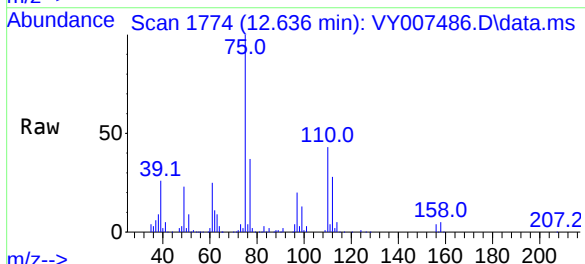
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

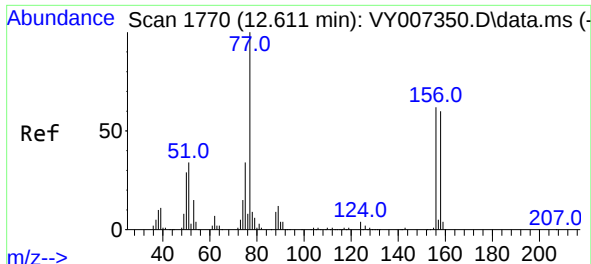
Tgt Ion: 83 Resp: 84139  
Ion Ratio Lower Upper  
83 100  
131 11.1 5.6 16.8  
85 64.8 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 57.212 ug/l m  
RT: 12.636 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 75 Resp: 63364  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

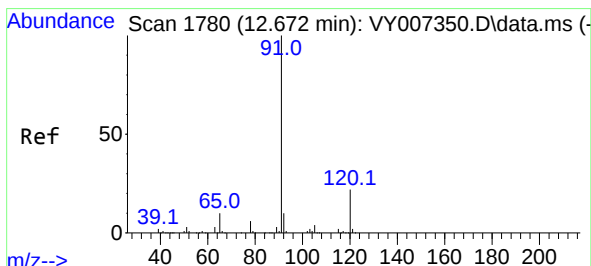
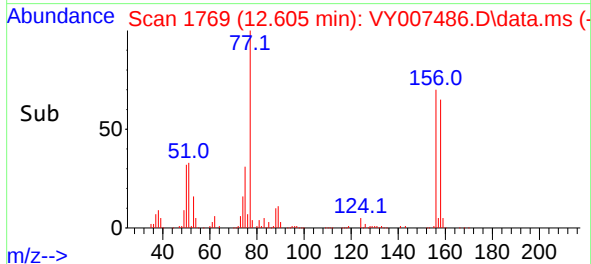
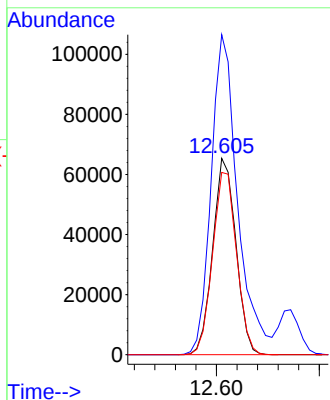
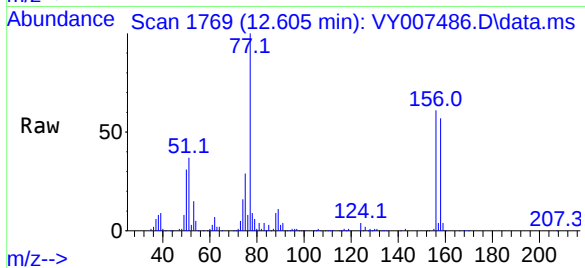




#77  
Bromobenzene  
Concen: 57.030 ug/l  
RT: 12.605 min Scan# 1769  
Delta R.T. -0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

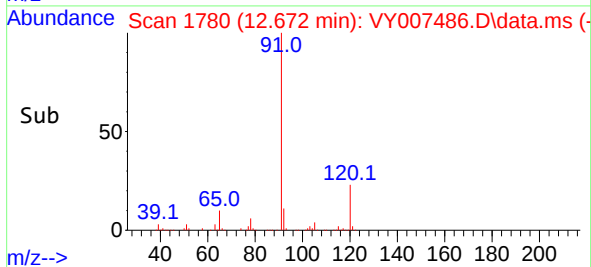
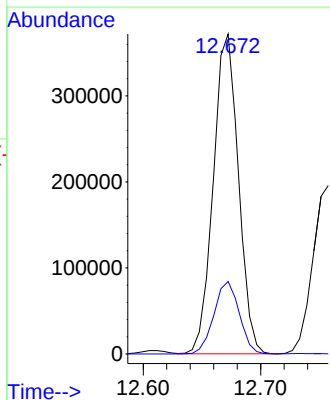
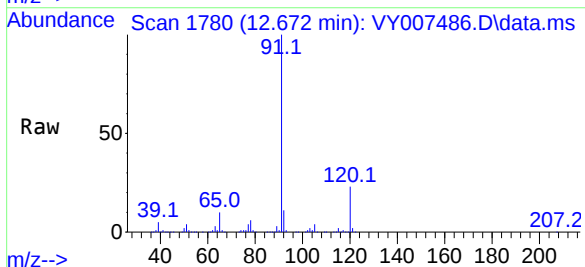
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

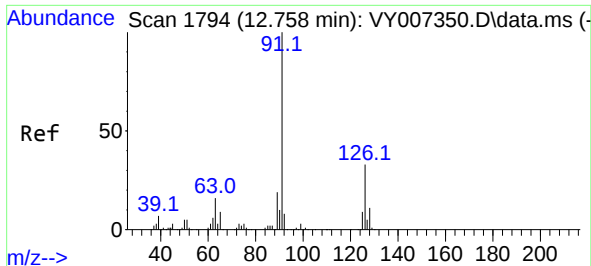
Tgt Ion:156 Resp: 102283  
Ion Ratio Lower Upper  
156 100  
77 186.5 95.5 286.4  
158 96.3 48.0 144.0



#78  
n-propylbenzene  
Concen: 53.541 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 91 Resp: 552163  
Ion Ratio Lower Upper  
91 100  
120 22.8 11.3 33.9

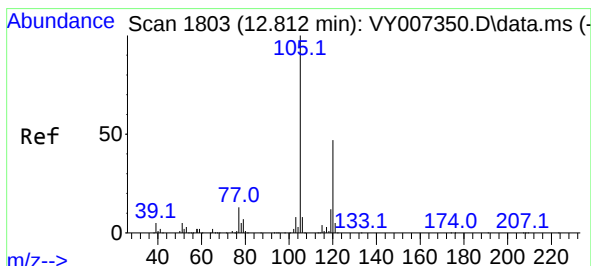
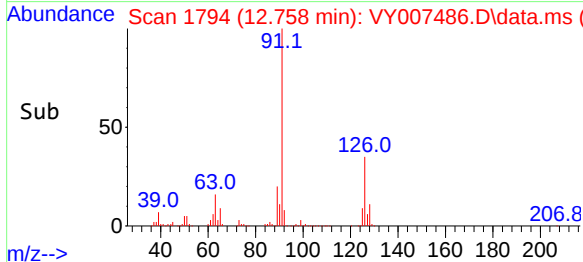
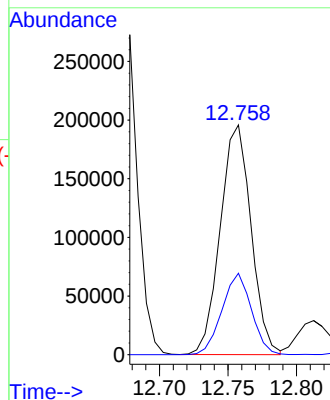
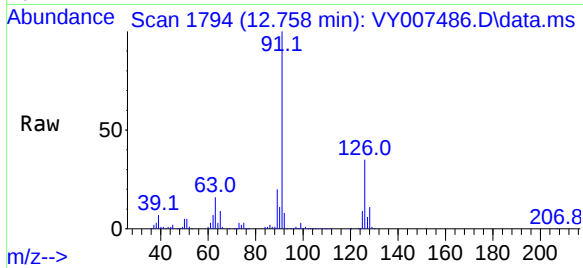




#79  
2-Chlorotoluene  
Concen: 53.710 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

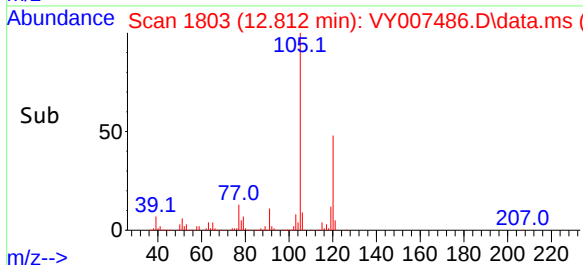
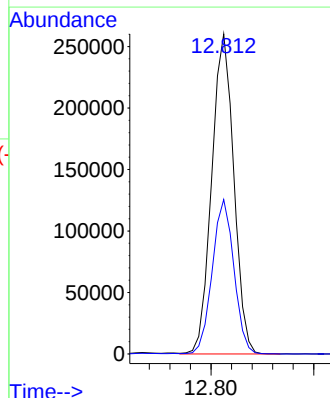
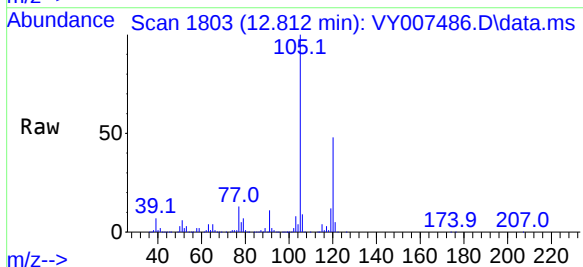
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

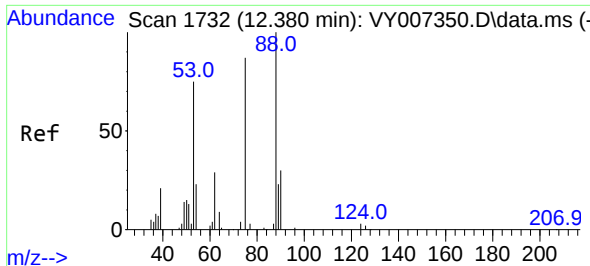
Tgt Ion: 91 Resp: 306680  
Ion Ratio Lower Upper  
91 100  
126 33.8 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 55.831 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion:105 Resp: 387792  
Ion Ratio Lower Upper  
105 100  
120 47.3 24.4 73.4

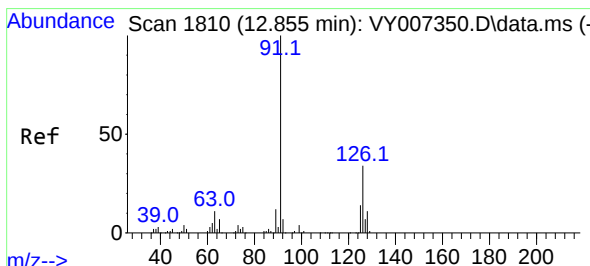
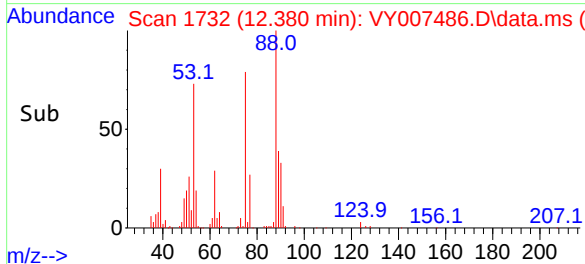
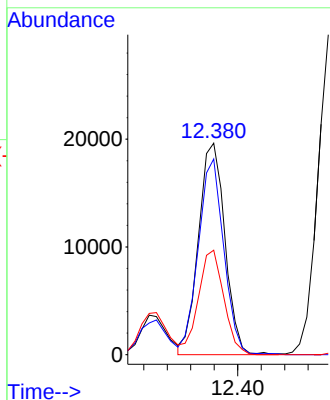
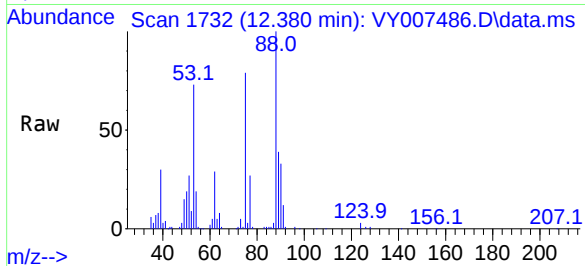




#81  
trans-1,4-Dichloro-2-butene  
Concen: 55.501 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

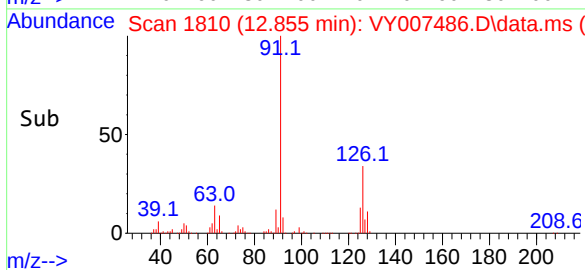
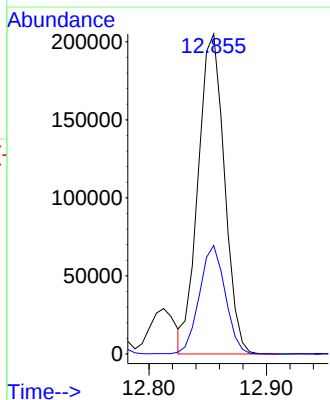
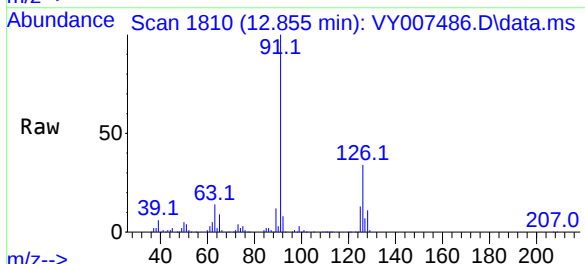
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 75 Resp: 30682  
Ion Ratio Lower Upper  
75 100  
53 89.5 85.3 127.9  
89 47.6 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 54.376 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 91 Resp: 318887  
Ion Ratio Lower Upper  
91 100  
126 33.3 17.0 51.0

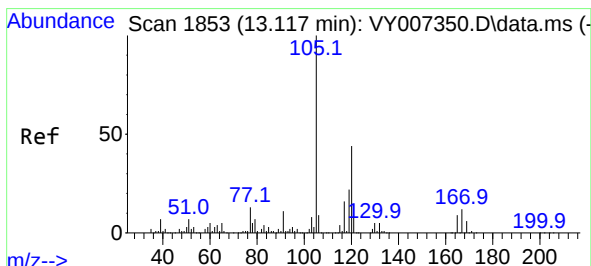
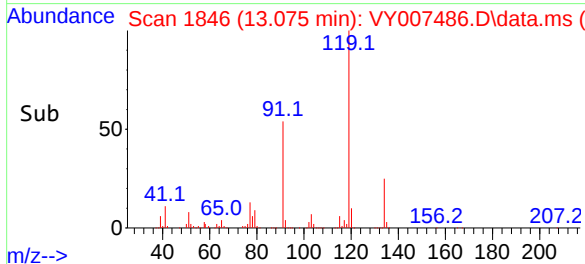
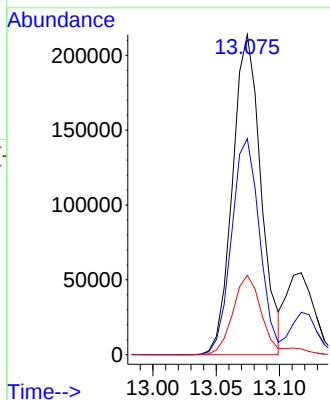
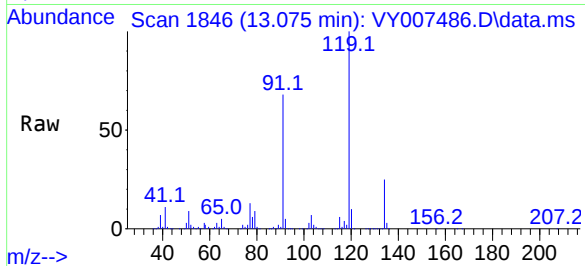




#83  
tert-Butylbenzene  
Concen: 55.396 ug/l  
RT: 13.075 min Scan# 119  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

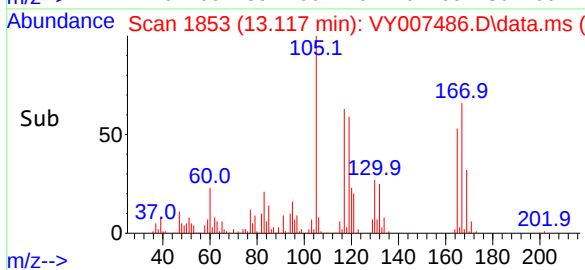
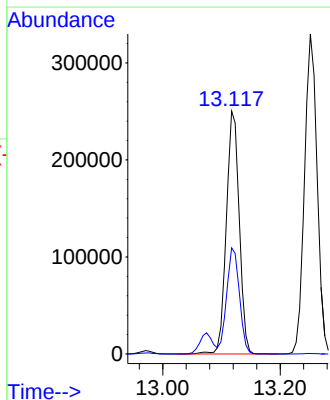
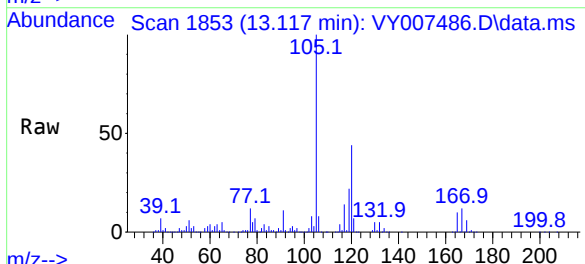
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

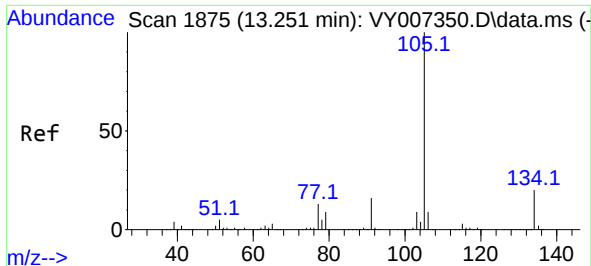
Tgt Ion:119 Resp: 334962  
Ion Ratio Lower Upper  
119 100  
91 66.6 34.8 104.4  
134 26.1 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 55.861 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion:105 Resp: 382029  
Ion Ratio Lower Upper  
105 100  
120 43.3 22.3 66.9

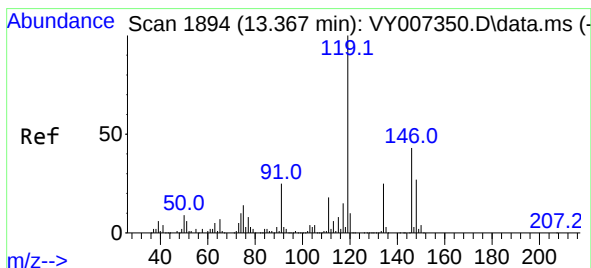
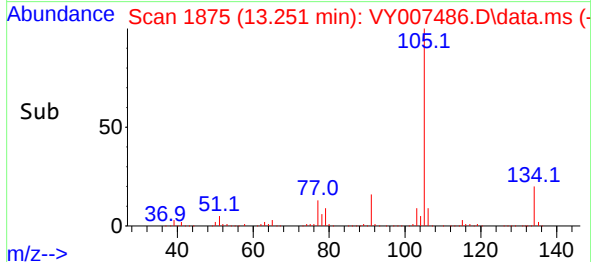
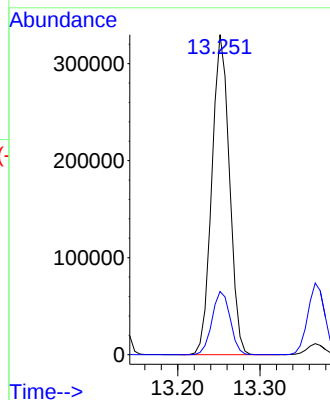
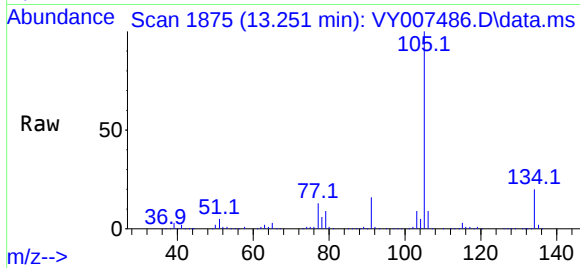




#85  
 sec-Butylbenzene  
 Concen: 54.001 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. -0.000 min  
 Lab File: VY007486.D  
 Acq: 11 Feb 2022 18:52

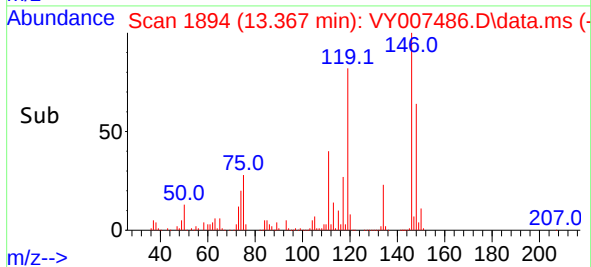
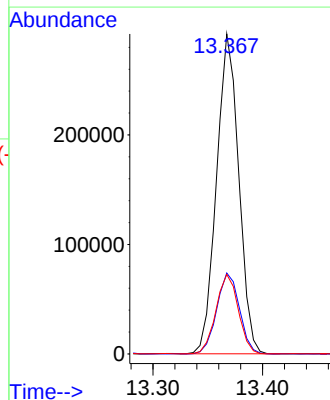
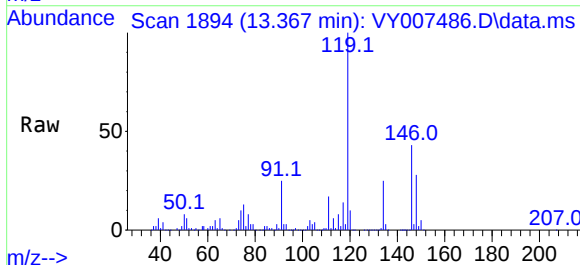
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

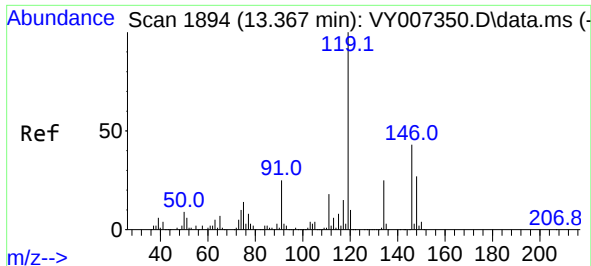
Tgt Ion:105 Resp: 489767  
 Ion Ratio Lower Upper  
 105 100  
 134 20.3 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 55.762 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. -0.000 min  
 Lab File: VY007486.D  
 Acq: 11 Feb 2022 18:52

Tgt Ion:119 Resp: 411987  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 13.2 39.5  
 91 24.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 56.515 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY007486.D

Acq: 11 Feb 2022 18:52

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

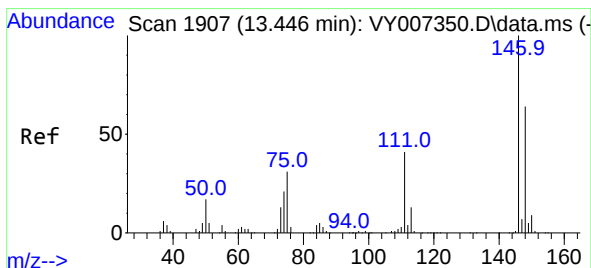
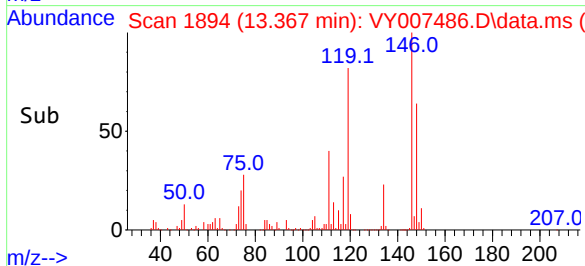
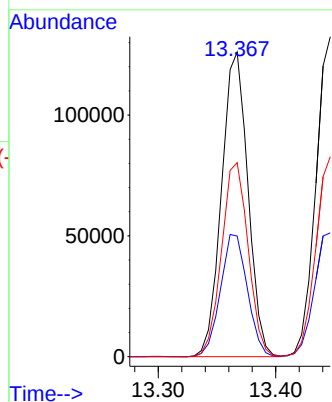
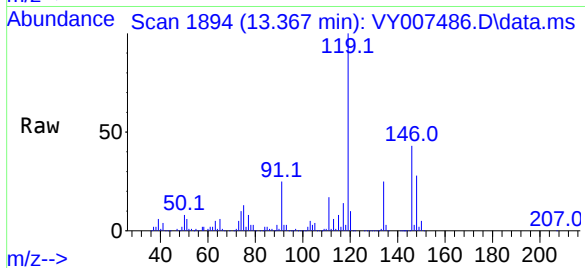
Tgt Ion:146 Resp: 196523

Ion Ratio Lower Upper

146 100

111 41.1 19.5 58.5

148 64.4 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 56.326 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY007486.D

Acq: 11 Feb 2022 18:52

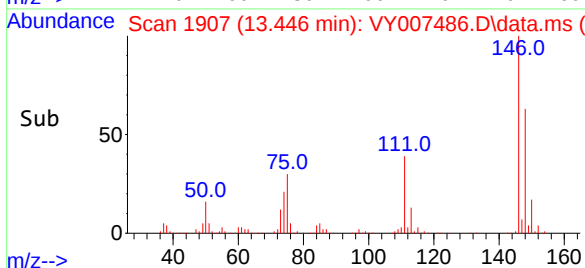
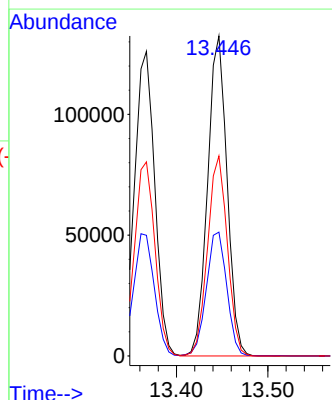
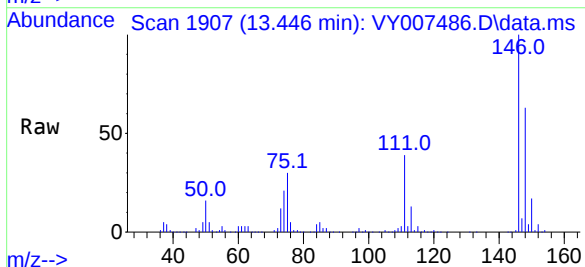
Tgt Ion:146 Resp: 195244

Ion Ratio Lower Upper

146 100

111 40.6 19.3 57.8

148 63.7 32.6 97.8

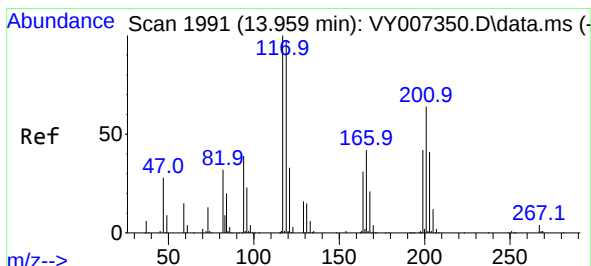
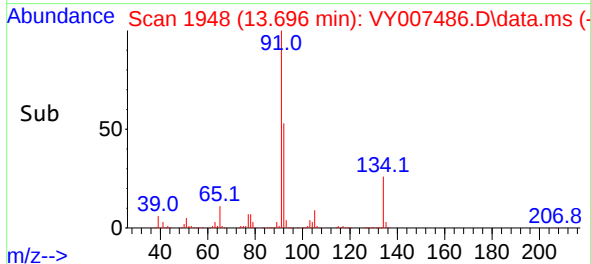
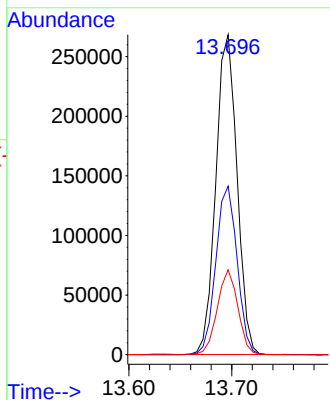
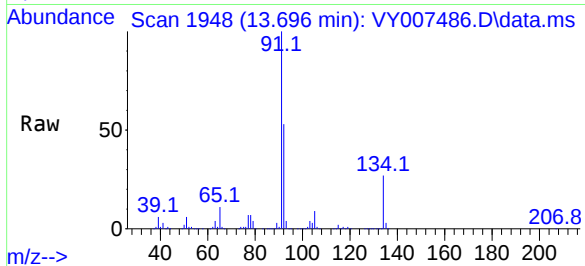




#89  
n-Butylbenzene  
Concen: 53.949 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

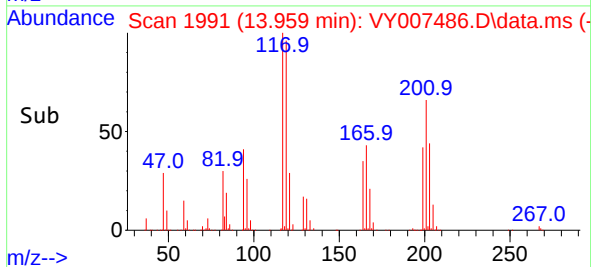
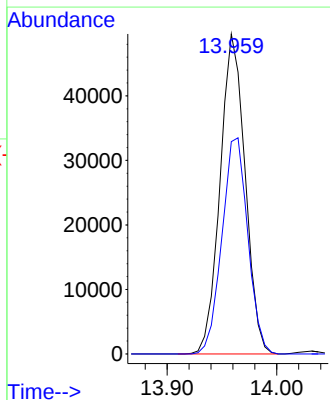
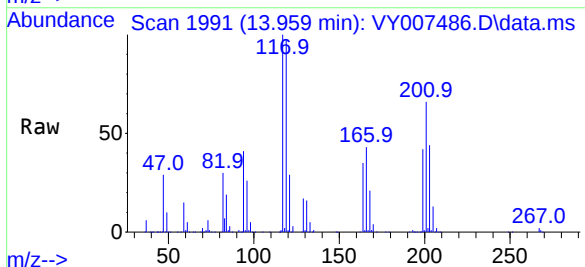
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

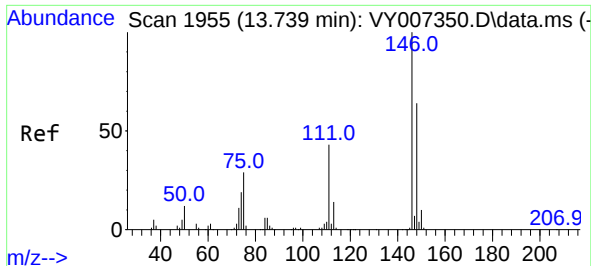
Tgt Ion: 91 Resp: 383638  
Ion Ratio Lower Upper  
91 100  
92 52.9 26.3 78.9  
134 25.9 13.0 38.9



#90  
Hexachloroethane  
Concen: 56.216 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 117 Resp: 78492  
Ion Ratio Lower Upper  
117 100  
201 69.9 43.0 128.8



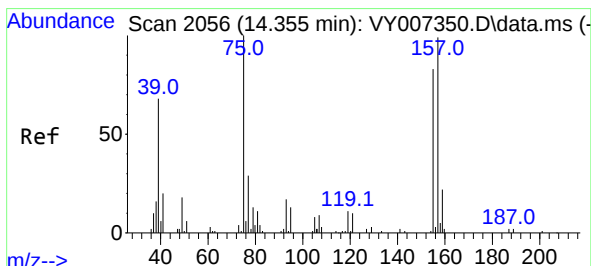
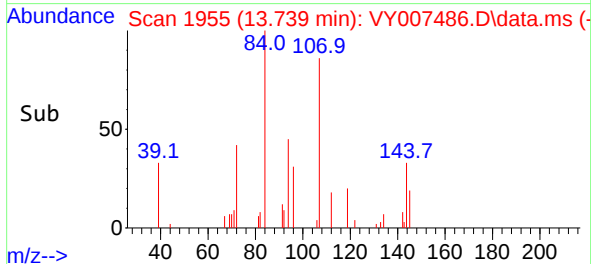
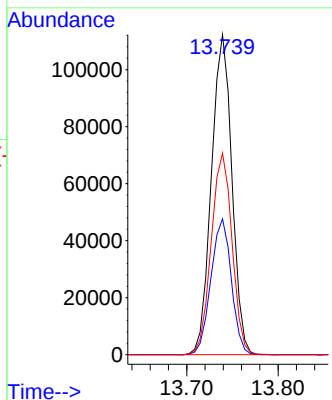
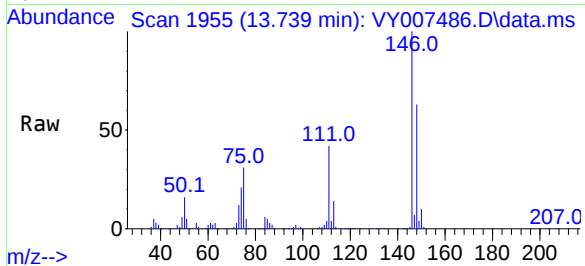


#91  
1,2-Dichlorobenzene  
Concen: 57.059 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:146 Resp: 174647

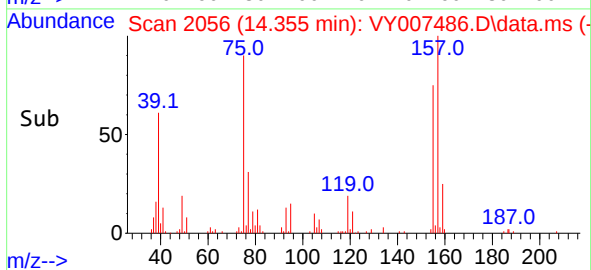
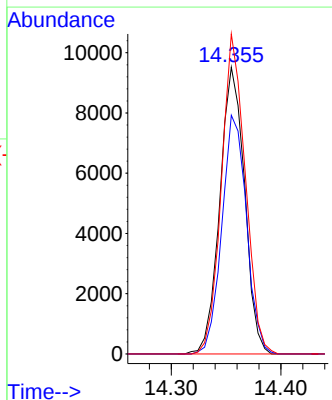
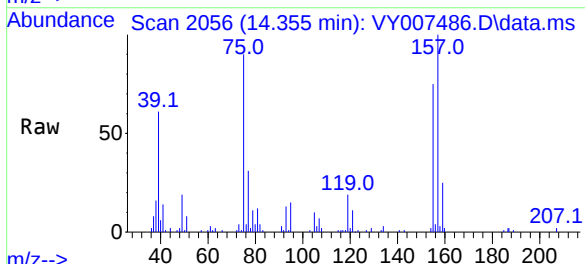
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 42.3  | 20.3  | 60.9  |
| 148 | 64.0  | 32.3  | 96.9  |

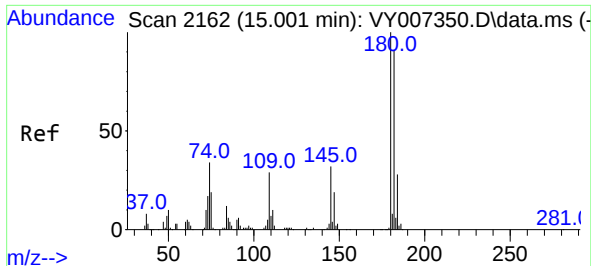


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 58.841 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion: 75 Resp: 14868

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 155 | 83.1  | 38.0  | 113.9 |
| 157 | 107.9 | 47.8  | 143.3 |

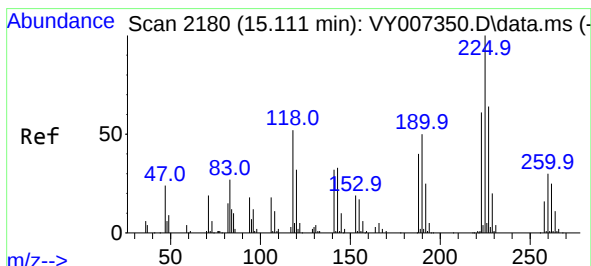
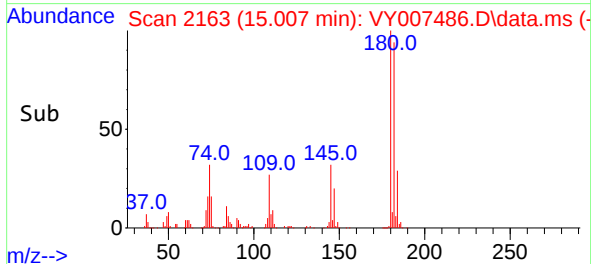
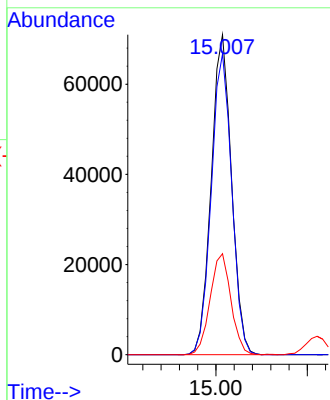
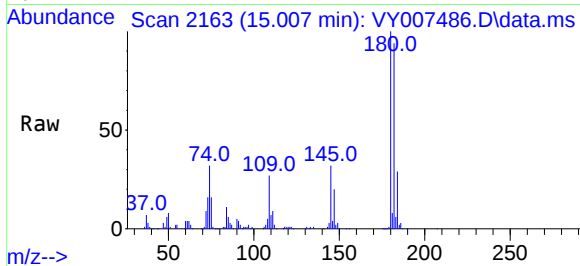




#93  
1,2,4-Trichlorobenzene  
Concen: 60.250 ug/l  
RT: 15.007 min Scan# 2162  
Delta R.T. 0.006 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

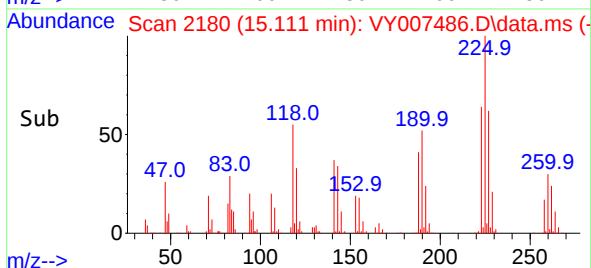
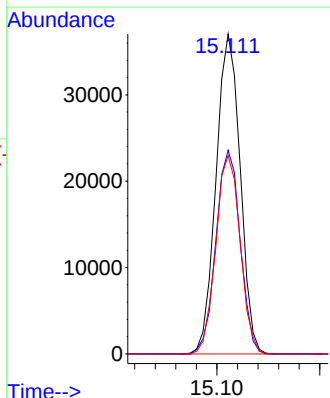
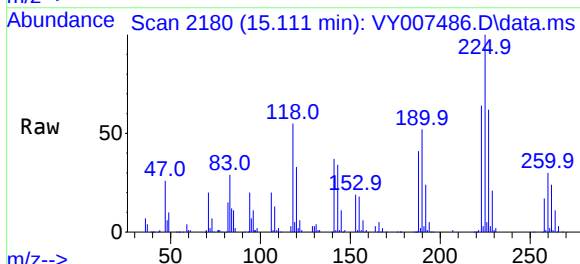
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

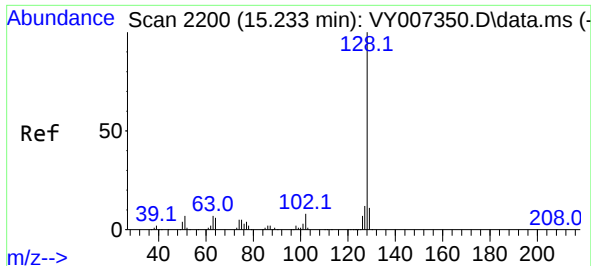
Tgt Ion:180 Resp: 109210  
Ion Ratio Lower Upper  
180 100  
182 94.8 47.3 141.9  
145 32.4 14.6 43.8



#94  
Hexachlorobutadiene  
Concen: 60.142 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Tgt Ion:225 Resp: 60348  
Ion Ratio Lower Upper  
225 100  
223 63.8 30.8 92.3  
227 62.5 31.6 94.7

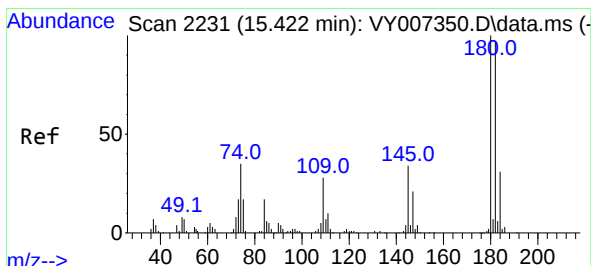
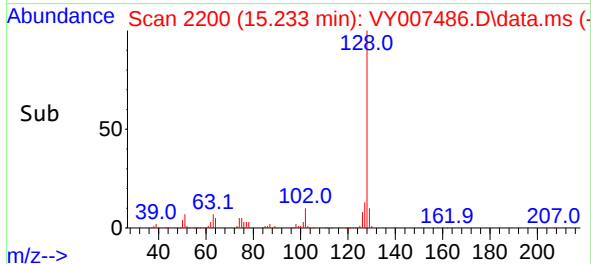
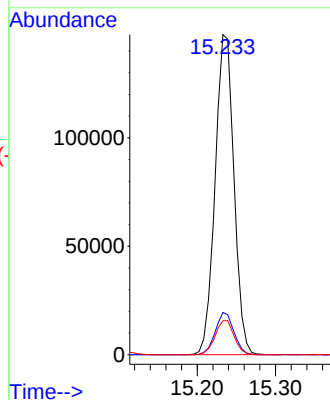
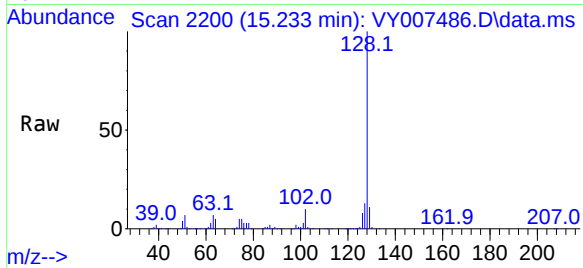




#95  
Naphthalene  
Concen: 65.532 ug/l  
RT: 15.233 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion:128 | Resp: | 246849 |       |
| Ion         | Ratio | Lower  | Upper |
| 128         | 100   |        |       |
| 127         | 13.0  | 11.0   | 16.4  |
| 129         | 10.8  | 8.4    | 12.6  |



#96  
1,2,3-Trichlorobenzene  
Concen: 61.629 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.000 min  
Lab File: VY007486.D  
Acq: 11 Feb 2022 18:52

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:180 | Resp: | 94296 |       |
| Ion         | Ratio | Lower | Upper |
| 180         | 100   |       |       |
| 182         | 94.5  | 47.3  | 141.9 |
| 145         | 35.1  | 15.3  | 45.9  |

