

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY040822\  
 Data File : VY008255.D  
 Acq On : 08 Apr 2022 12:32  
 Operator : KP/MD  
 Sample : VSTDICCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Apr 08 13:00:03 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y040822S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 08 12:53:57 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 146294   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 245030   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 227714   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 116687   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.142  | 65    | 60584    | 42.757   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 85.520% |
| 35) Dibromofluoromethane    | 7.715  | 113   | 66266    | 44.358   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 88.720% |
| 50) Toluene-d8              | 10.178 | 98    | 228156   | 41.156   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 82.320% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 83522    | 42.542   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 85.080% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.905 | 85  | 49818  | 39.933  | ug/l   | 96  |
| 3) Chloromethane             | 2.113 | 50  | 66204  | 42.933  | ug/l   | 95  |
| 4) Vinyl Chloride            | 2.253 | 62  | 89823  | 43.715  | ug/l   | 98  |
| 5) Bromomethane              | 2.649 | 94  | 72774  | 42.773  | ug/l   | 97  |
| 6) Chloroethane              | 2.796 | 64  | 63067  | 46.075  | ug/l   | 95  |
| 7) Trichlorofluoromethane    | 3.125 | 101 | 107478 | 41.411  | ug/l   | 93  |
| 8) Diethyl Ether             | 3.527 | 74  | 38686  | 45.571  | ug/l   | 73  |
| 9) 1,1,2-Trichlorotrifluo... | 3.899 | 101 | 71487  | 44.128  | ug/l   | 92  |
| 10) Methyl Iodide            | 4.088 | 142 | 82143  | 49.566  | ug/l   | 90  |
| 11) Tert butyl alcohol       | 4.954 | 59  | 31546  | 216.631 | ug/l # | 95  |
| 12) 1,1-Dichloroethene       | 3.875 | 96  | 63284  | 42.388  | ug/l # | 78  |
| 13) Acrolein                 | 3.728 | 56  | 32973  | 261.991 | ug/l   | 98  |
| 14) Allyl chloride           | 4.478 | 41  | 86593  | 44.096  | ug/l # | 90  |
| 15) Acrylonitrile            | 5.161 | 53  | 97771  | 240.450 | ug/l   | 98  |
| 16) Acetone                  | 3.942 | 43  | 76333  | 236.442 | ug/l # | 85  |
| 17) Carbon Disulfide         | 4.192 | 76  | 163573 | 39.397  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.478 | 43  | 39493  | 35.934  | ug/l # | 80  |
| 19) Methyl tert-butyl Ether  | 5.216 | 73  | 202052 | 46.969  | ug/l   | 93  |
| 20) Methylene Chloride       | 4.710 | 84  | 82575  | 42.562  | ug/l # | 78  |
| 21) trans-1,2-Dichloroethene | 5.216 | 96  | 76926  | 44.235  | ug/l # | 82  |
| 22) Diisopropyl ether        | 6.124 | 45  | 206346 | 48.149  | ug/l # | 87  |
| 23) Vinyl Acetate            | 6.057 | 43  | 671482 | 254.642 | ug/l # | 85  |
| 24) 1,1-Dichloroethane       | 6.021 | 63  | 129650 | 45.896  | ug/l   | 97  |
| 25) 2-Butanone               | 6.984 | 43  | 115098 | 234.094 | ug/l # | 73  |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 122143 | 45.753  | ug/l   | 92  |
| 27) cis-1,2-Dichloroethene   | 6.984 | 96  | 93820  | 46.168  | ug/l   | 80  |
| 28) Bromochloromethane       | 7.331 | 49  | 56811  | 57.053  | ug/l # | 64  |
| 29) Tetrahydrofuran          | 7.343 | 42  | 74923  | 233.876 | ug/l # | 73  |
| 30) Chloroform               | 7.508 | 83  | 144825 | 47.105  | ug/l   | 98  |
| 31) Cyclohexane              | 7.782 | 56  | 105998 | 40.219  | ug/l # | 83  |
| 32) 1,1,1-Trichloroethane    | 7.703 | 97  | 128583 | 45.621  | ug/l   | 94  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 105369 | 45.100  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.069 | 43  | 53162  | 48.491  | ug/l # | 92  |
| 38) Carbon Tetrachloride     | 7.898 | 117 | 114566 | 45.038  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.185 | 83  | 135114 | 43.094  | ug/l # | 83  |
| 40) Benzene                  | 8.160 | 78  | 311577 | 46.325  | ug/l   | 96  |

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 Sample : VSTDICCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Apr 08 13:00:03 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y040822S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 08 12:53:57 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.325  | 41   | 31534m   | 56.085  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 90578    | 47.766  | ug/l   | 89       |
| 43) Isopropyl Acetate         | 8.270  | 43   | 98879    | 46.131  | ug/l # | 83       |
| 44) Trichloroethene           | 8.941  | 130  | 89786    | 46.136  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.215  | 63   | 77036    | 48.310  | ug/l   | 90       |
| 46) Dibromomethane            | 9.307  | 93   | 50773    | 48.473  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.496  | 83   | 115460   | 48.206  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.288  | 41   | 41363    | 44.027  | ug/l # | 71       |
| 49) 1,4-Dioxane               | 9.294  | 88   | 13638    | 987.451 | ug/l # | 73       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 256063   | 237.013 | ug/l # | 82       |
| 52) Toluene                   | 10.245 | 92   | 209247   | 47.520  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 118173   | 48.312  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.928  | 75   | 133638   | 48.185  | ug/l # | 80       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 72797    | 50.175  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 90900    | 48.734  | ug/l # | 72       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 116227   | 49.030  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 170882   | 218.437 | ug/l # | 87       |
| 59) 2-Hexanone                | 10.831 | 43   | 178340   | 237.057 | ug/l   | 79       |
| 60) Dibromochloromethane      | 10.983 | 129  | 87192    | 49.568  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 71227    | 49.525  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.721 | 164  | 75266    | 44.211  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.520 | 112  | 234809   | 46.947  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 90044    | 48.627  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 403950   | 46.243  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.702 | 106  | 323332   | 93.230  | ug/l   | 89       |
| 69) o-Xylene                  | 12.032 | 106  | 158418   | 47.552  | ug/l   | 88       |
| 70) Styrene                   | 12.044 | 104  | 264603   | 48.530  | ug/l   | 93       |
| 71) Bromoform                 | 12.208 | 173  | 54648    | 49.180  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.330 | 105  | 410736   | 43.932  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.148 | 43   | 86337    | 42.266  | ug/l # | 79       |
| 75) 1,1,2,2-Tetrachloroethane | 12.586 | 83   | 84896    | 46.438  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.635 | 75   | 63847m   | 45.540  | ug/l   |          |
| 77) Bromobenzene              | 12.611 | 156  | 98488    | 45.732  | ug/l   | 89       |
| 78) n-propylbenzene           | 12.672 | 91   | 483913   | 43.815  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 267751   | 43.758  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 338079   | 44.126  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 27362    | 44.452  | ug/l # | 80       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 275930   | 43.930  | ug/l   | 94       |
| 83) tert-Butylbenzene         | 13.074 | 119  | 304259   | 44.632  | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 335678   | 44.844  | ug/l   | 95       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 451083   | 44.670  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 382371   | 45.505  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 201446   | 47.038  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 197710   | 46.336  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.696 | 91   | 341511   | 44.185  | ug/l   | 98       |
| 90) Hexachloroethane          | 13.964 | 117  | 71292    | 44.005  | ug/l   | 85       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 177901   | 47.225  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 12271    | 42.558  | ug/l   | 73       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 101141   | 44.874  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.116 | 225  | 51111    | 42.852  | ug/l   | 99       |
| 95) Naphthalene               | 15.238 | 128  | 216599   | 43.881  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.427 | 180  | 87521    | 44.876  | ug/l   | 98       |

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Data File : VY008255.D  
Acq On : 08 Apr 2022 12:32  
Operator : KP/MD  
Sample : VSTDICCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 7 Sample Multiplier: 1

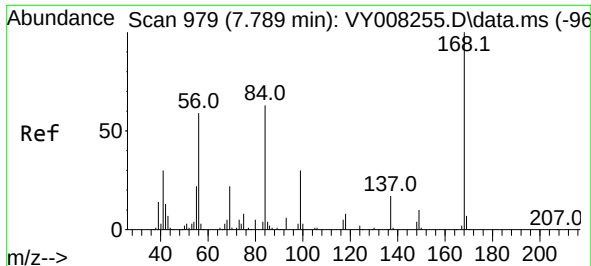
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Quant Time: Apr 08 13:00:03 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y040822S.M  
Quant Title : SW846 8260  
QLast Update : Fri Apr 08 12:53:57 2022  
Response via : Initial Calibration

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

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

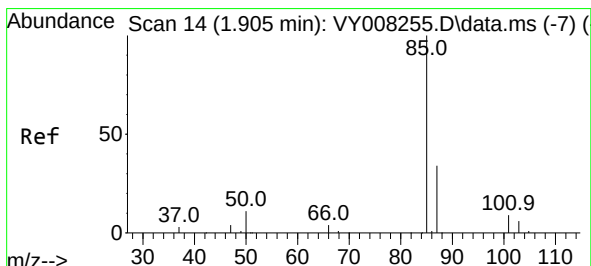
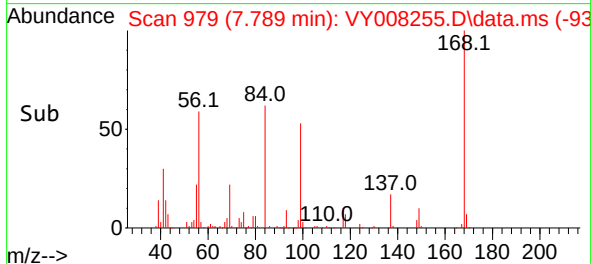
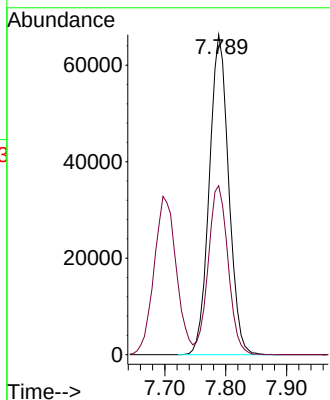
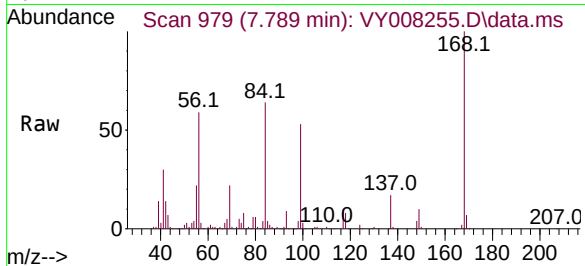




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

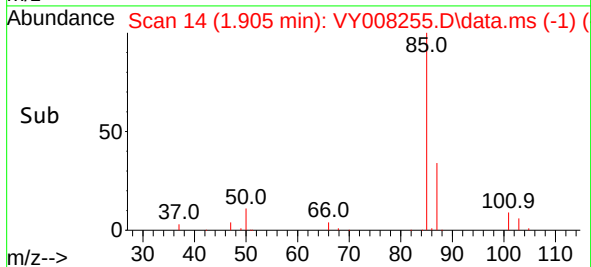
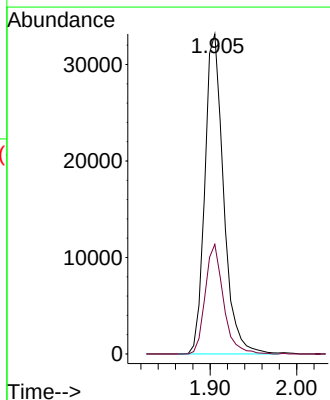
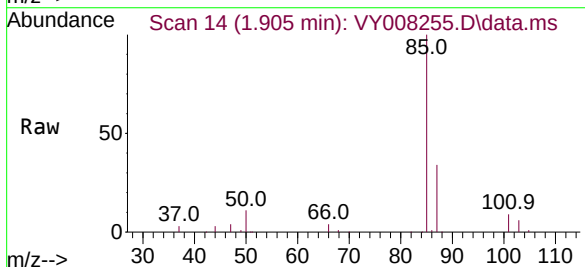
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

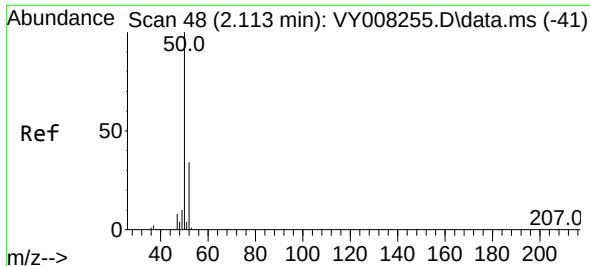
Tgt Ion:168 Resp: 146294  
Ion Ratio Lower Upper  
168 100  
99 52.8 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 39.933 ug/l  
RT: 1.905 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion: 85 Resp: 49818  
Ion Ratio Lower Upper  
85 100  
87 34.2 16.1 48.2

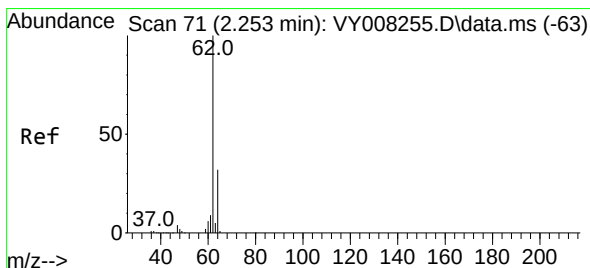
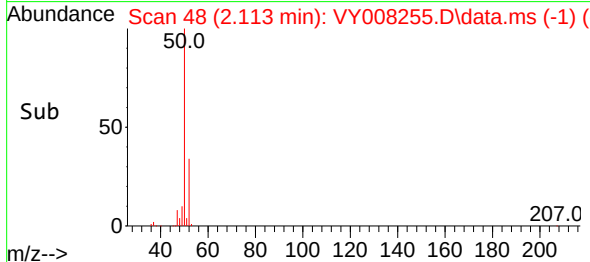
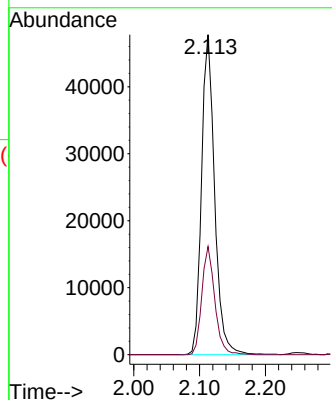
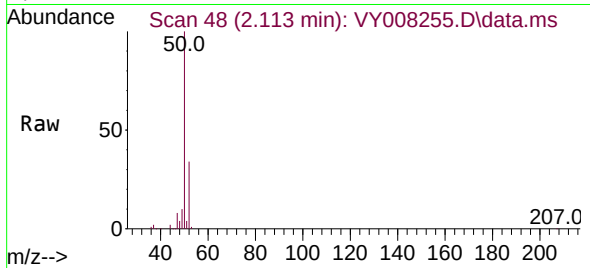




#3  
Chloromethane  
Concen: 42.933 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

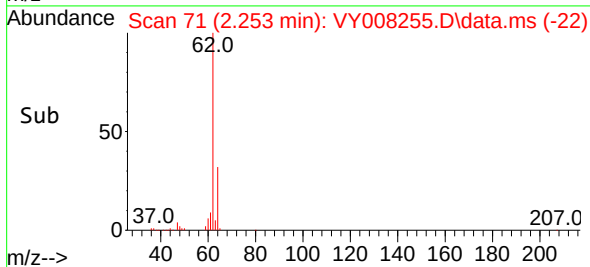
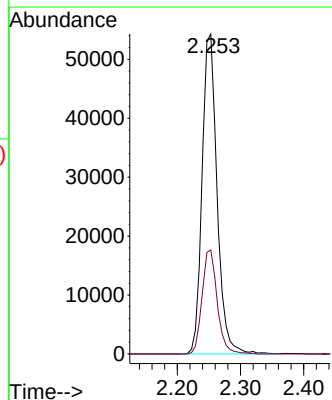
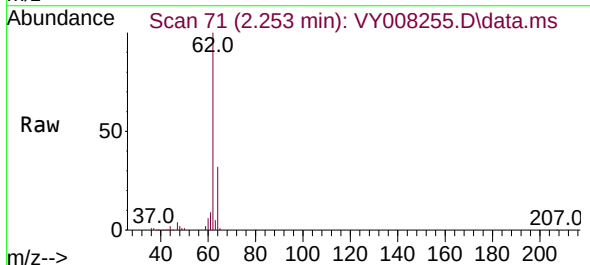
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

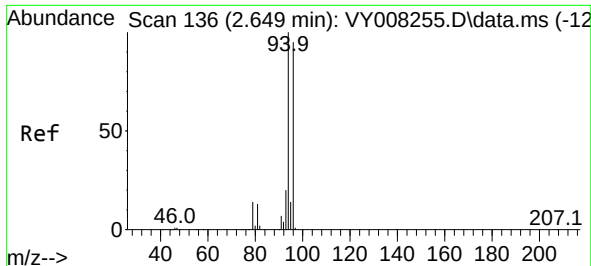
Tgt Ion: 50 Resp: 66204  
Ion Ratio Lower Upper  
50 100  
52 33.8 24.6 37.0



#4  
Vinyl Chloride  
Concen: 43.715 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion: 62 Resp: 89823  
Ion Ratio Lower Upper  
62 100  
64 32.5 25.0 37.6

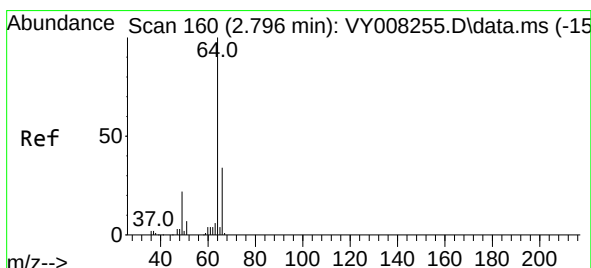
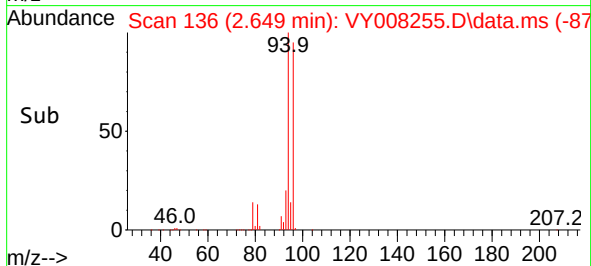
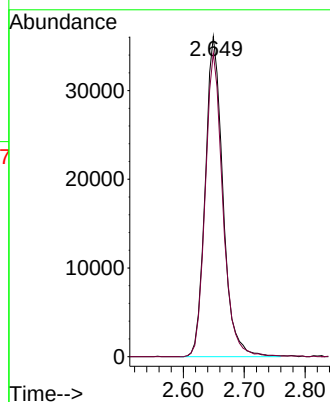
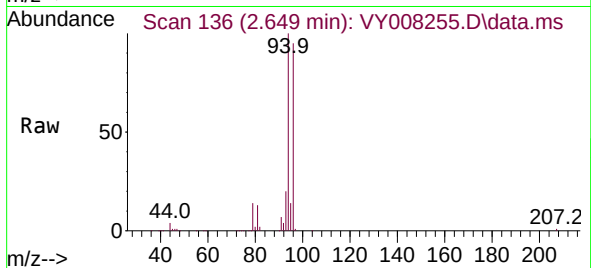




#5  
Bromomethane  
Concen: 42.773 ug/l  
RT: 2.649 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

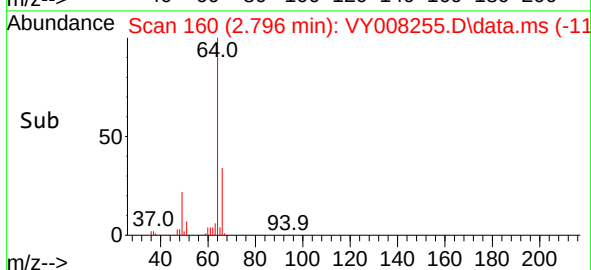
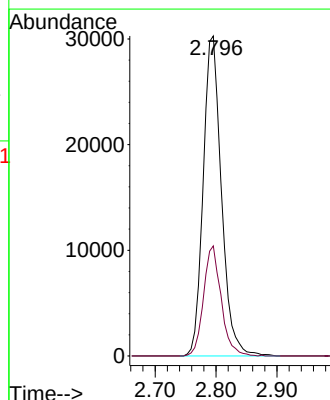
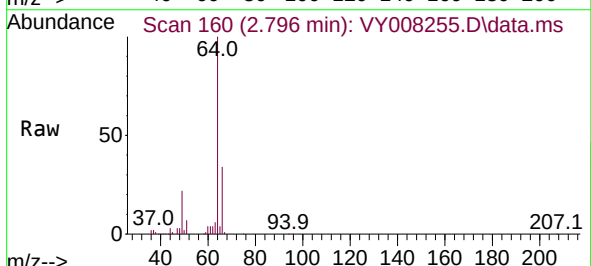
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

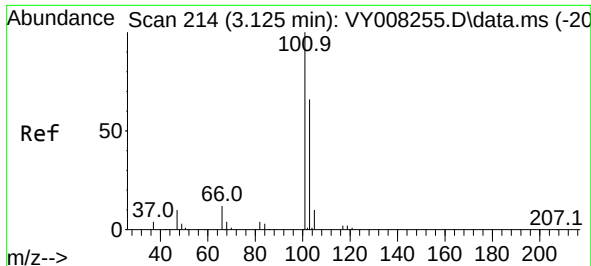
Tgt Ion: 94 Resp: 72774  
Ion Ratio Lower Upper  
94 100  
96 94.9 73.5 110.3



#6  
Chloroethane  
Concen: 46.075 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion: 64 Resp: 63067  
Ion Ratio Lower Upper  
64 100  
66 34.4 25.4 38.0

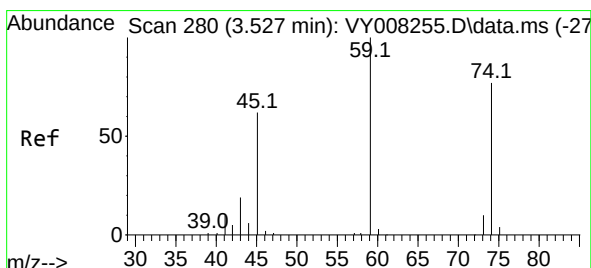
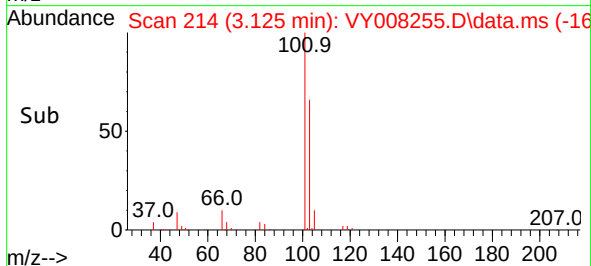
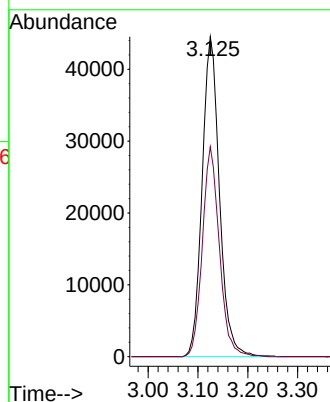
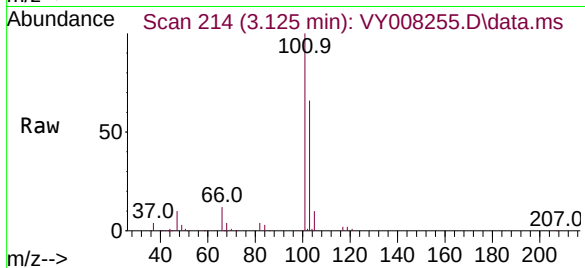




#7  
 Trichlorofluoromethane  
 Concen: 41.411 ug/l  
 RT: 3.125 min Scan# 214  
 Delta R.T. 0.000 min  
 Lab File: VY008255.D  
 Acq: 08 Apr 2022 12:32

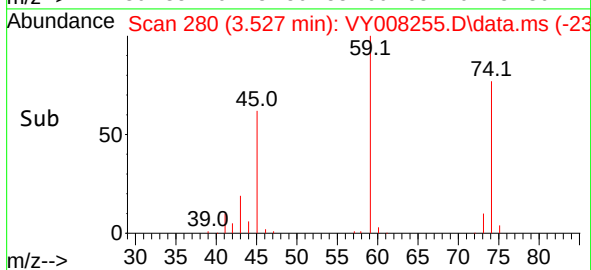
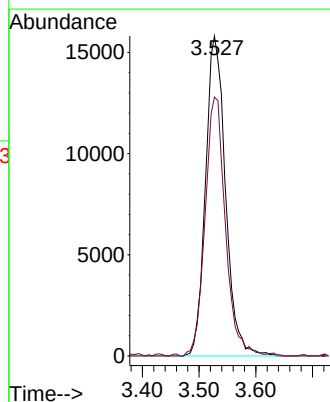
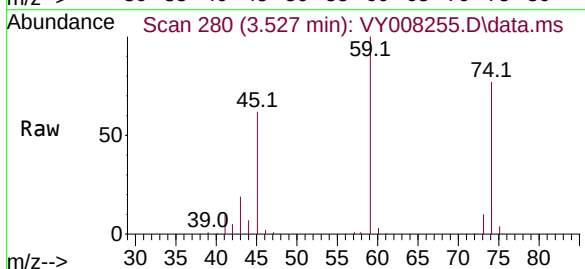
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

Tgt Ion:101 Resp: 107478  
 Ion Ratio Lower Upper  
 101 100  
 103 65.6 48.0 72.0

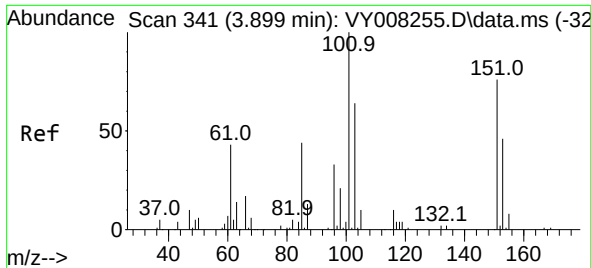


#8  
 Diethyl Ether  
 Concen: 45.571 ug/l  
 RT: 3.527 min Scan# 280  
 Delta R.T. 0.000 min  
 Lab File: VY008255.D  
 Acq: 08 Apr 2022 12:32

Tgt Ion: 74 Resp: 38686  
 Ion Ratio Lower Upper  
 74 100  
 45 82.2 55.1 165.5



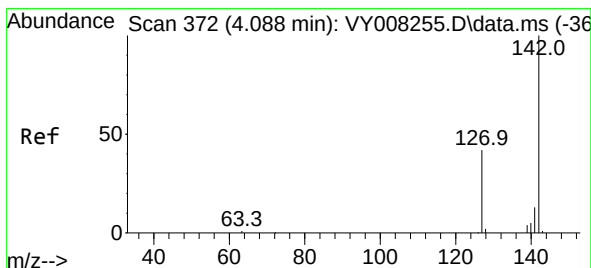
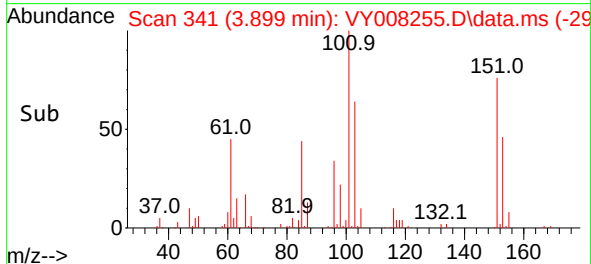
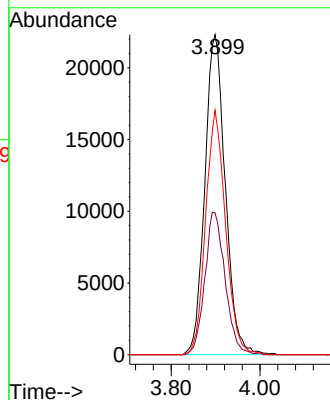
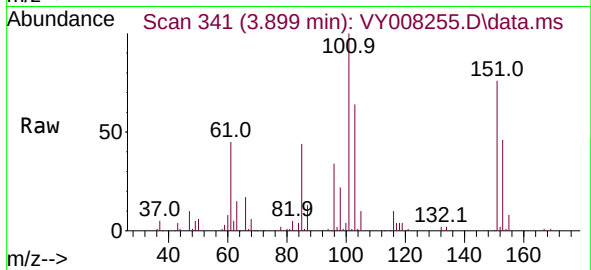




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 44.128 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

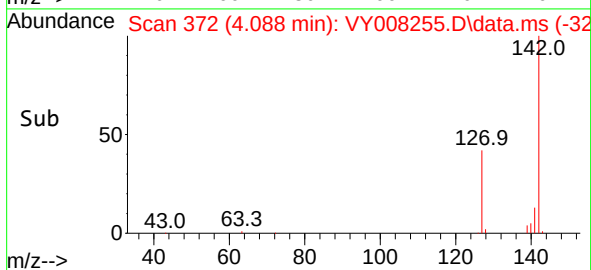
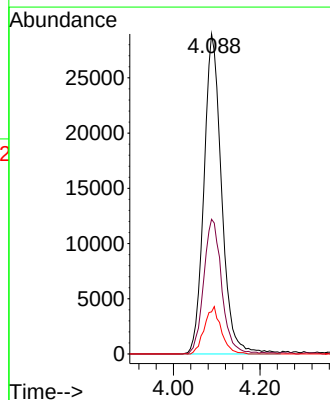
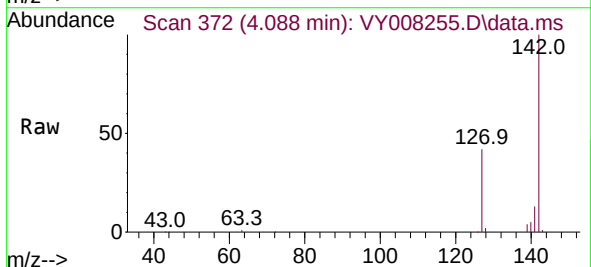
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

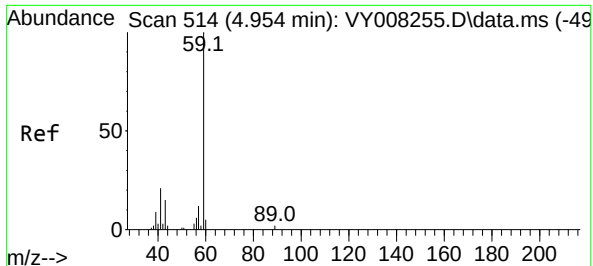
Tgt Ion:101 Resp: 71487  
Ion Ratio Lower Upper  
101 100  
85 44.1 40.6 60.8  
151 74.4 64.9 97.3



#10  
Methyl Iodide  
Concen: 49.566 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion:142 Resp: 82143  
Ion Ratio Lower Upper  
142 100  
127 43.0 41.5 62.3  
141 14.0 11.9 17.9

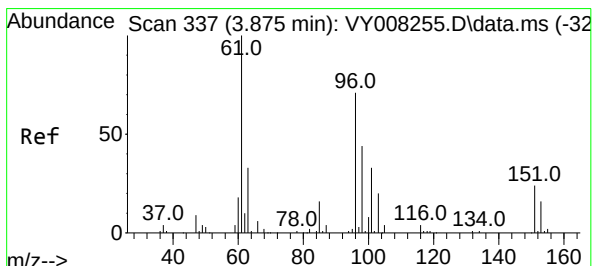
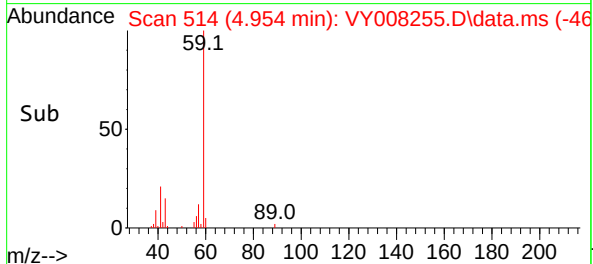
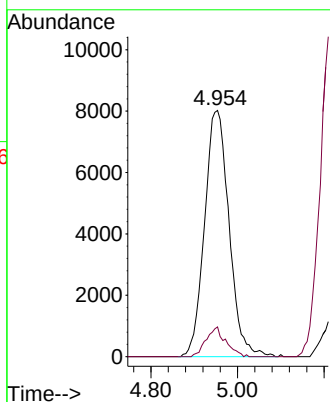
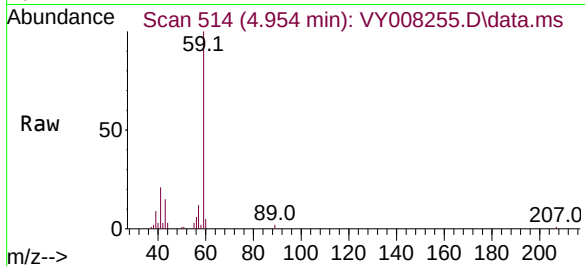




#11  
Tert butyl alcohol  
Concen: 216.631 ug/l  
RT: 4.954 min Scan# 514  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

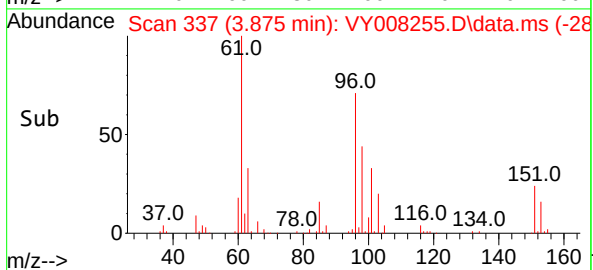
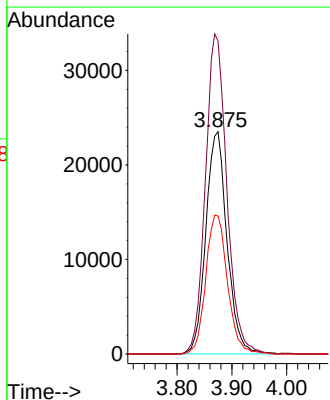
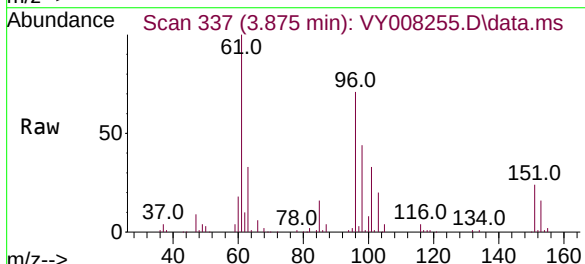
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

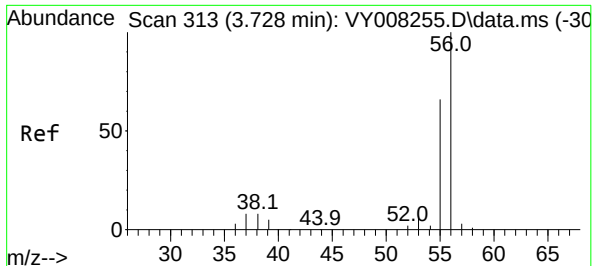
Tgt Ion: 59 Resp: 31546  
Ion Ratio Lower Upper  
59 100  
57 9.7 6.4 9.6#



#12  
1,1-Dichloroethene  
Concen: 42.388 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion: 96 Resp: 63284  
Ion Ratio Lower Upper  
96 100  
61 140.8 145.8 218.6#  
98 62.1 52.5 78.7

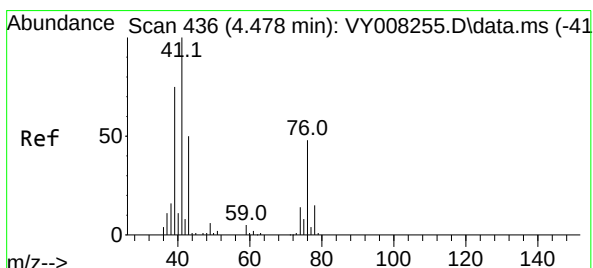
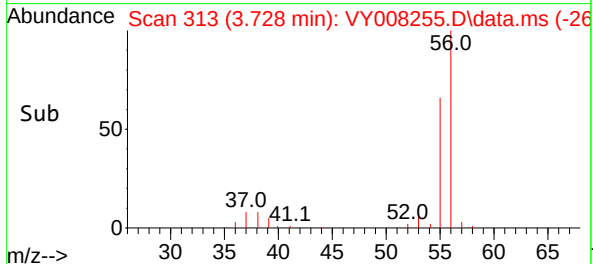
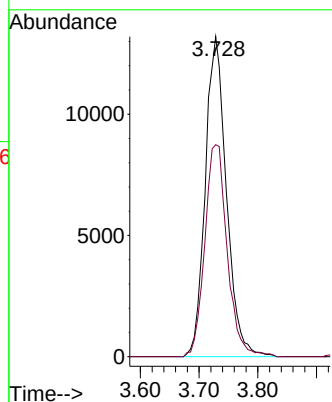
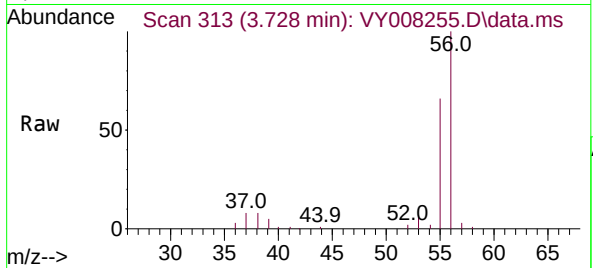




#13  
Acrolein  
Concen: 261.991 ug/l  
RT: 3.728 min Scan# 313  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

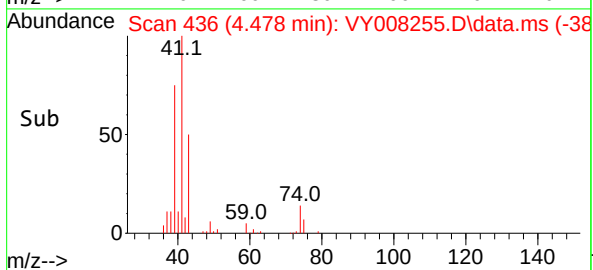
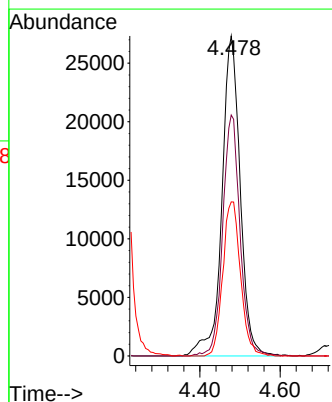
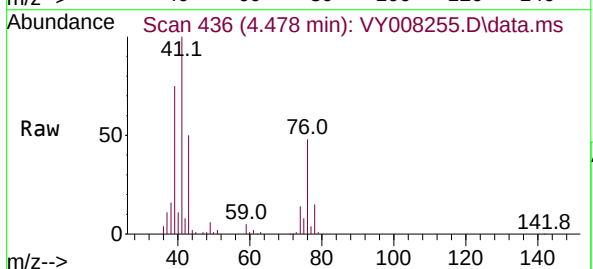
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

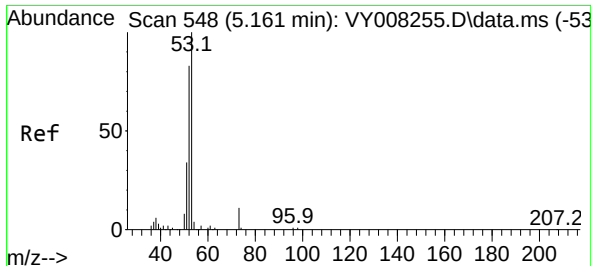
Tgt Ion: 56 Resp: 32973  
Ion Ratio Lower Upper  
56 100  
55 70.3 57.6 86.4



#14  
Allyl chloride  
Concen: 44.096 ug/l  
RT: 4.478 min Scan# 436  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion: 41 Resp: 86593  
Ion Ratio Lower Upper  
41 100  
39 71.5 58.8 88.2  
76 46.6 25.1 37.7#

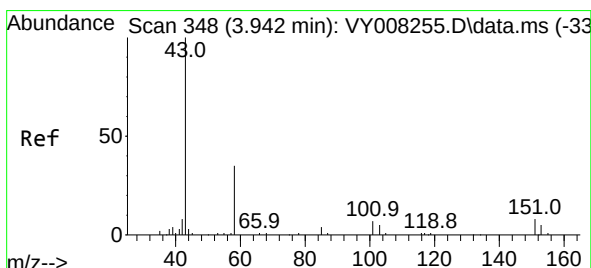
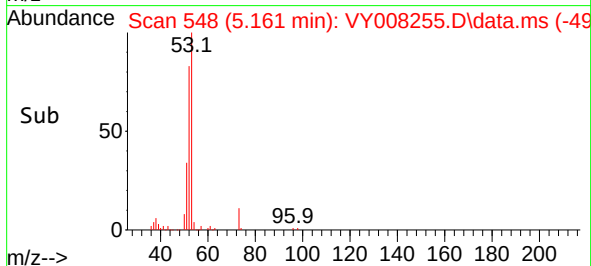
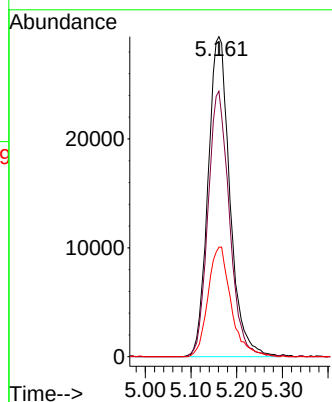
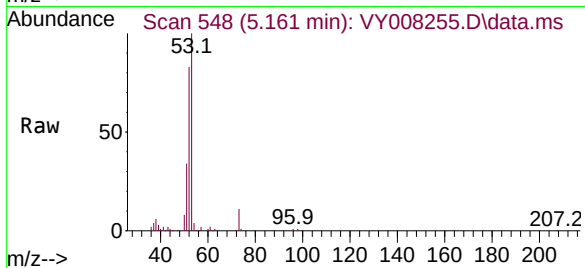




#15  
Acrylonitrile  
Concen: 240.450 ug/l  
RT: 5.161 min Scan# 548  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

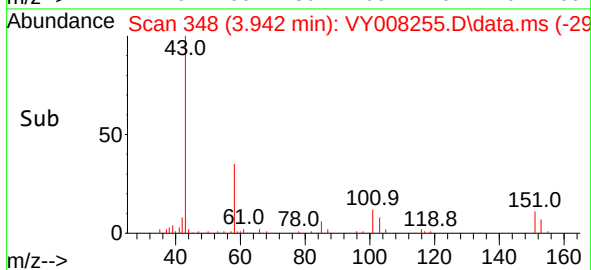
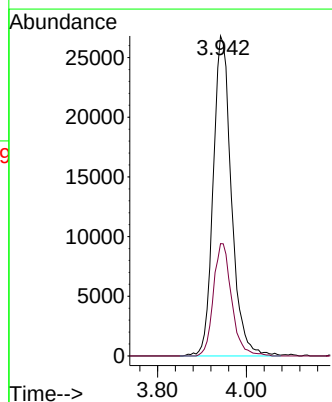
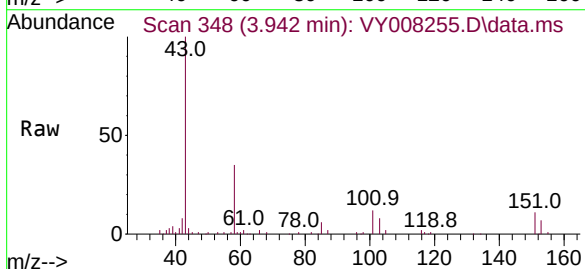
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

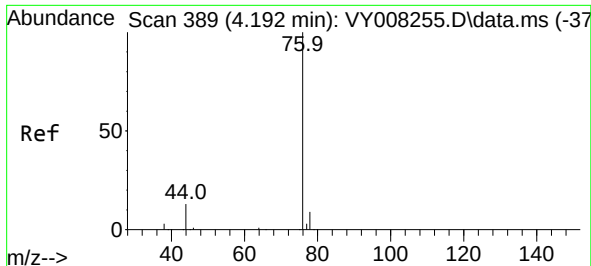
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 97771 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 81.4  | 67.0  | 100.4 |
| 51       | 36.1  | 29.8  | 44.6  |



#16  
Acetone  
Concen: 236.442 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 76333 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 35.1  | 22.0  | 33.0# |

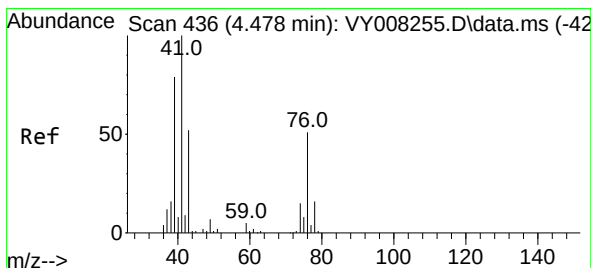
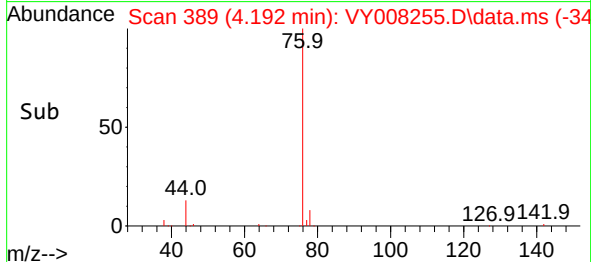
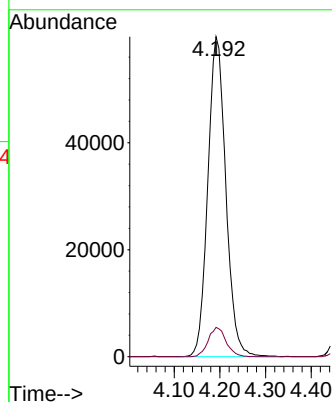
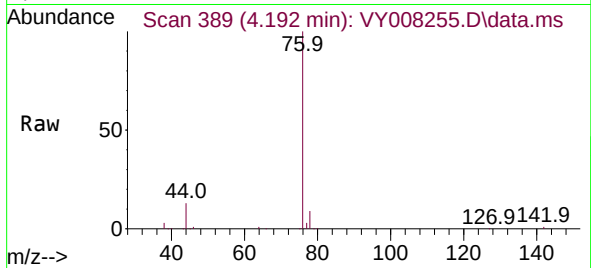




#17  
Carbon Disulfide  
Concen: 39.397 ug/l  
RT: 4.192 min Scan# 389  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

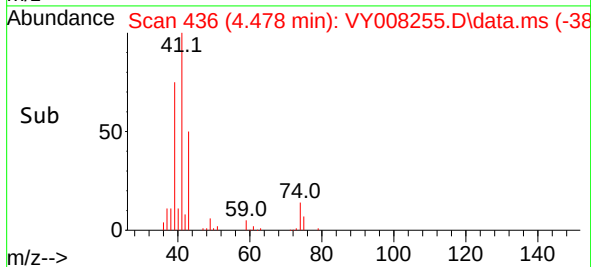
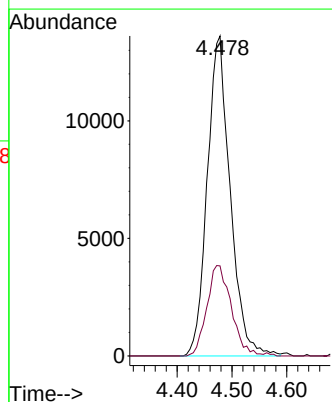
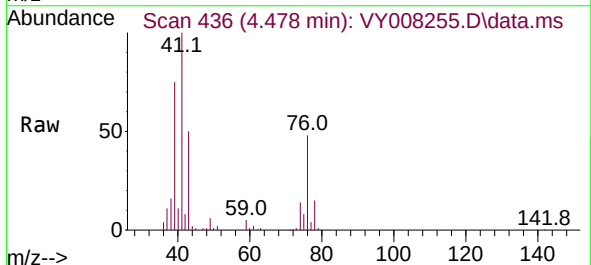
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

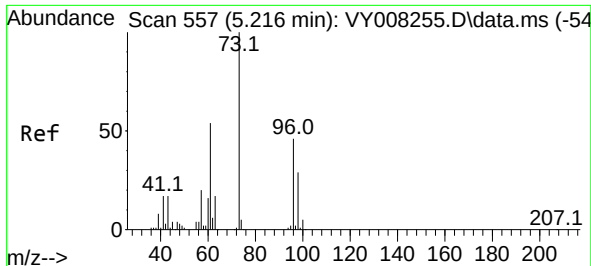
Tgt Ion: 76 Resp: 163573  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.0



#18  
Methyl Acetate  
Concen: 35.934 ug/l  
RT: 4.478 min Scan# 436  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion: 43 Resp: 39493  
Ion Ratio Lower Upper  
43 100  
74 30.1 16.6 24.8#

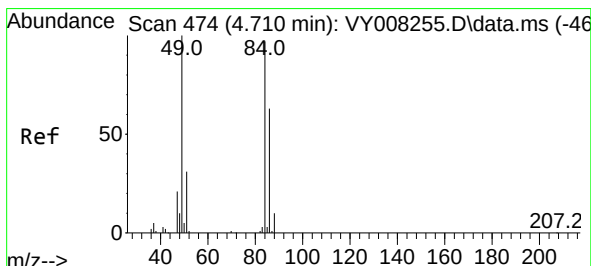
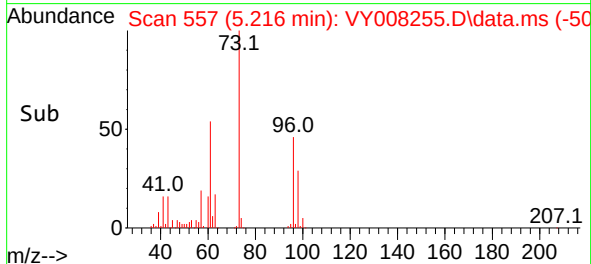
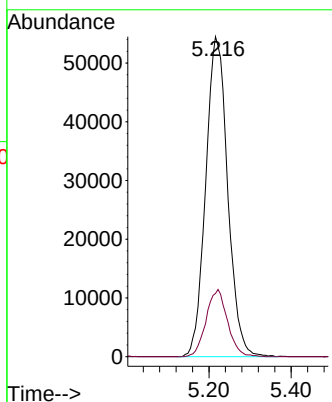
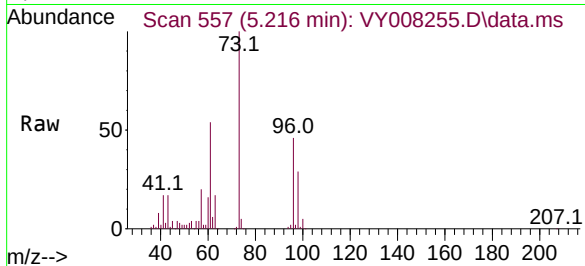




#19  
Methyl tert-butyl Ether  
Concen: 46.969 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

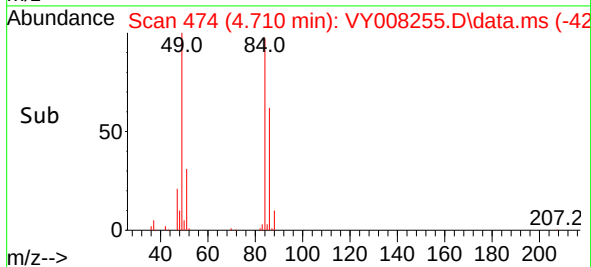
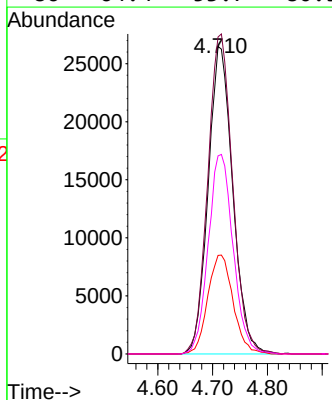
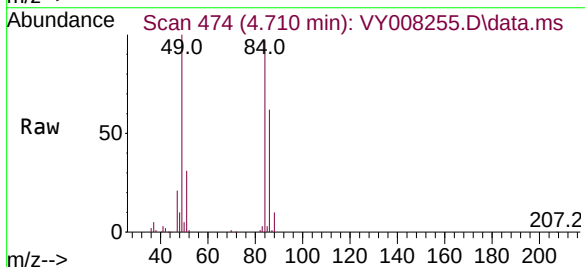
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

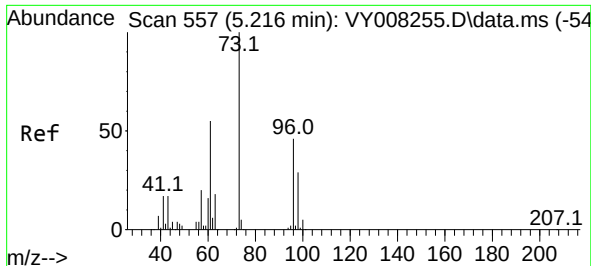
Tgt Ion: 73 Resp: 202052  
Ion Ratio Lower Upper  
73 100  
57 19.8 18.6 27.8



#20  
Methylene Chloride  
Concen: 42.562 ug/l  
RT: 4.710 min Scan# 474  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion: 84 Resp: 82575  
Ion Ratio Lower Upper  
84 100  
49 103.1 114.4 171.6#  
51 32.1 35.3 52.9#  
86 64.4 53.7 80.5

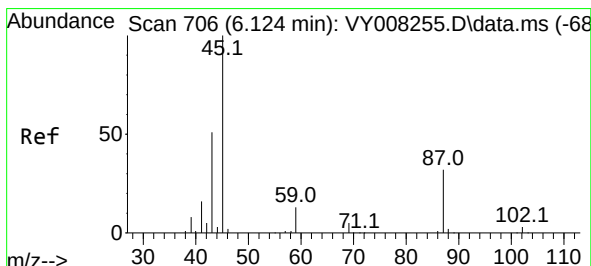
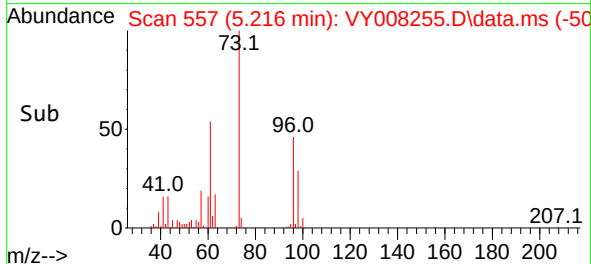
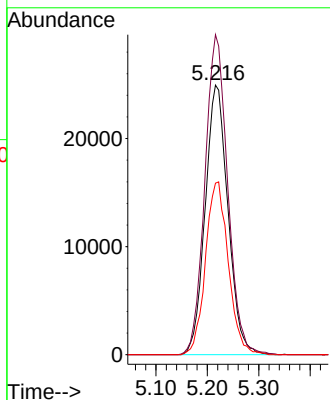
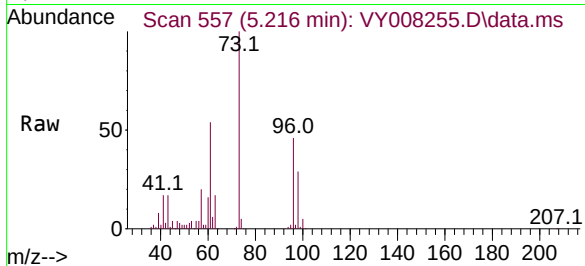




#21  
trans-1,2-Dichloroethene  
Concen: 44.235 ug/l  
RT: 5.216 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

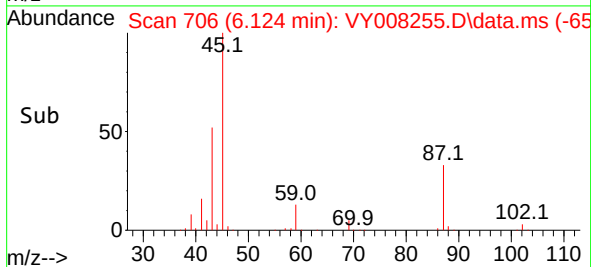
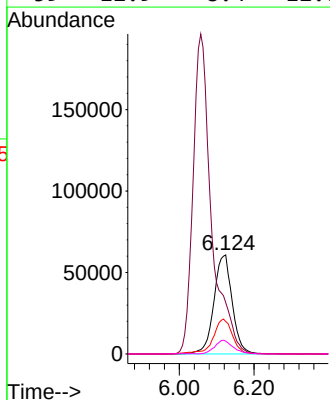
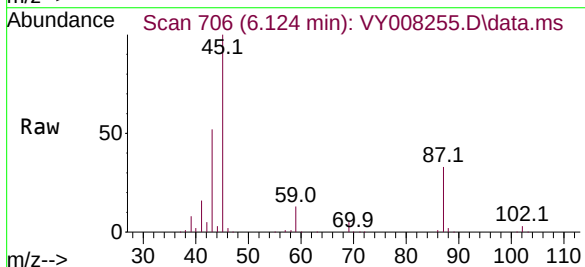
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

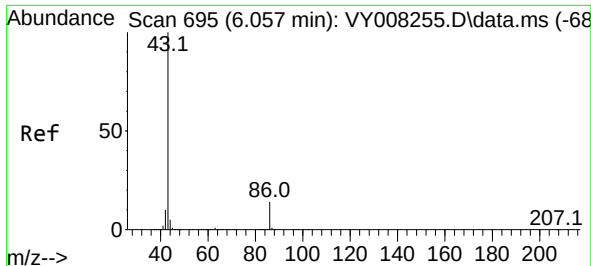
Tgt Ion: 96 Resp: 76926  
Ion Ratio Lower Upper  
96 100  
61 118.7 120.5 180.7#  
98 63.6 49.8 74.8



#22  
Diisopropyl ether  
Concen: 48.149 ug/l  
RT: 6.124 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion: 45 Resp: 206346  
Ion Ratio Lower Upper  
45 100  
43 51.7 49.3 73.9  
87 32.8 19.2 28.8#  
59 12.9 8.4 12.6#

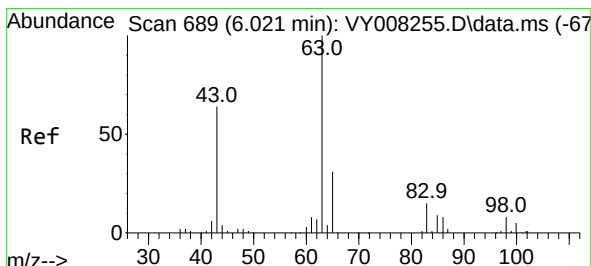
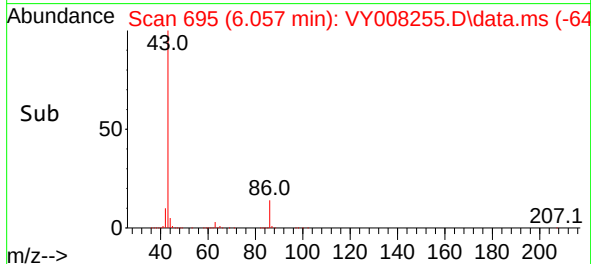
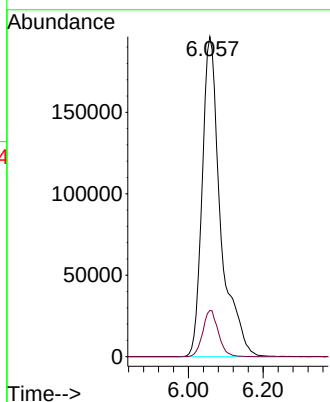
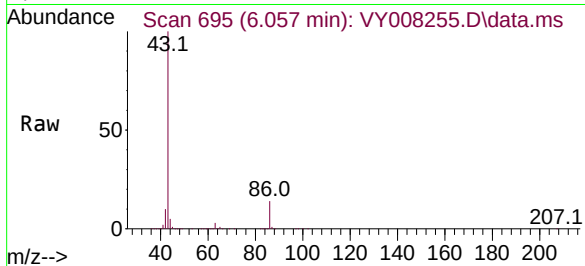




#23  
 Vinyl Acetate  
 Concen: 254.642 ug/l  
 RT: 6.057 min Scan# 695  
 Delta R.T. 0.000 min  
 Lab File: VY008255.D  
 Acq: 08 Apr 2022 12:32

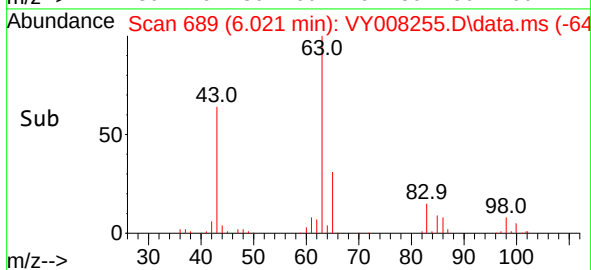
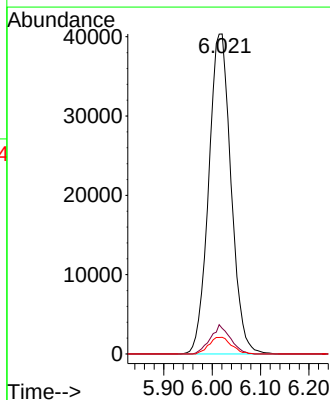
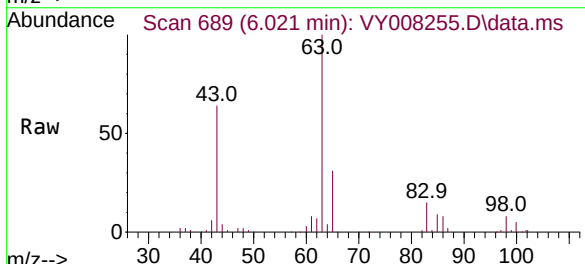
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

Tgt Ion: 43 Resp: 671482  
 Ion Ratio Lower Upper  
 43 100  
 86 14.4 7.1 10.7#

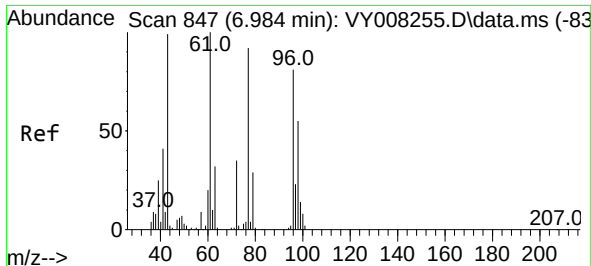


#24  
 1,1-Dichloroethane  
 Concen: 45.896 ug/l  
 RT: 6.021 min Scan# 689  
 Delta R.T. 0.000 min  
 Lab File: VY008255.D  
 Acq: 08 Apr 2022 12:32

Tgt Ion: 63 Resp: 129650  
 Ion Ratio Lower Upper  
 63 100  
 98 8.0 3.6 10.8  
 100 5.2 2.0 5.8



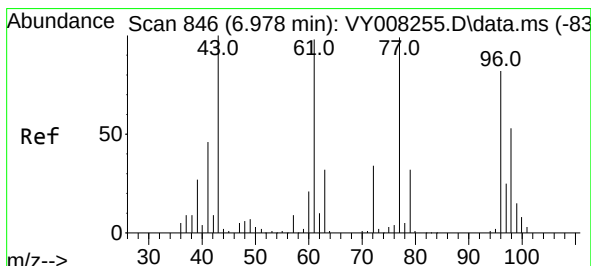
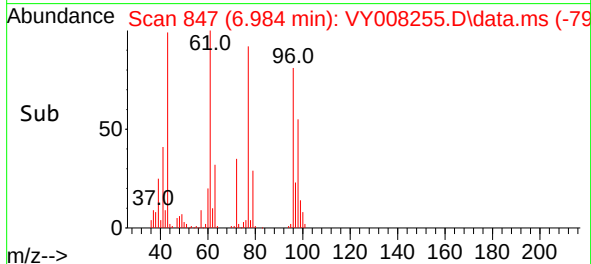
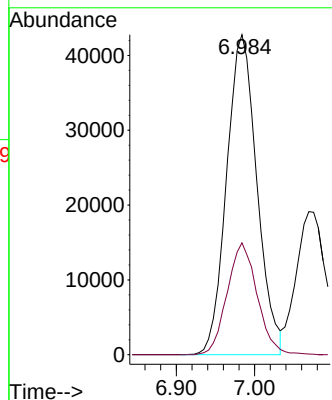
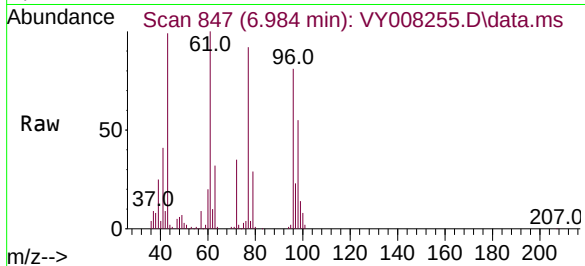




#25  
2-Butanone  
Concen: 234.094 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

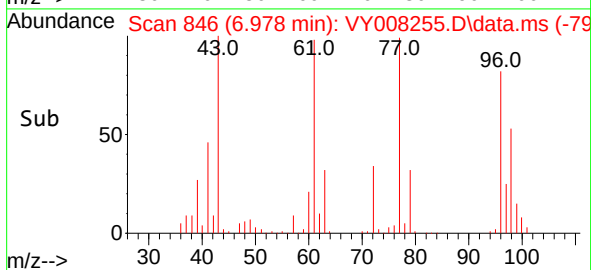
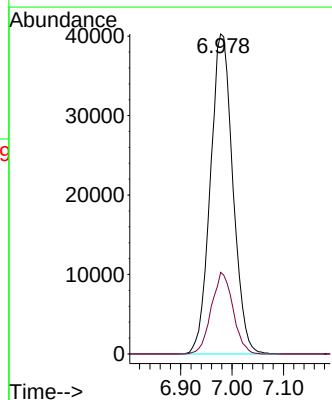
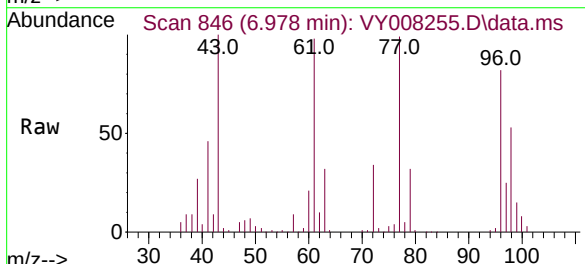
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

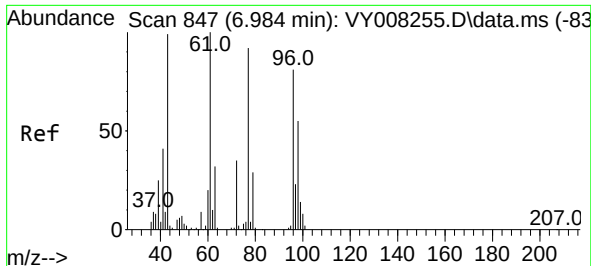
Tgt Ion: 43 Resp: 115098  
Ion Ratio Lower Upper  
43 100  
72 35.0 17.7 26.5#



#26  
2,2-Dichloropropane  
Concen: 45.753 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion: 77 Resp: 122143  
Ion Ratio Lower Upper  
77 100  
97 24.6 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 46.168 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008255.D

Acq: 08 Apr 2022 12:32

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

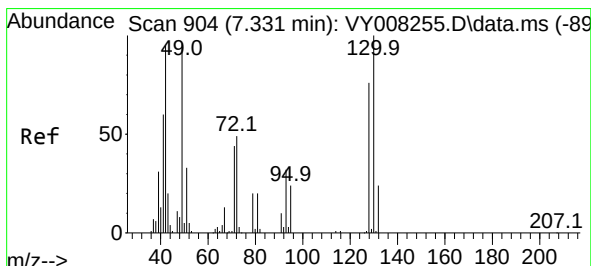
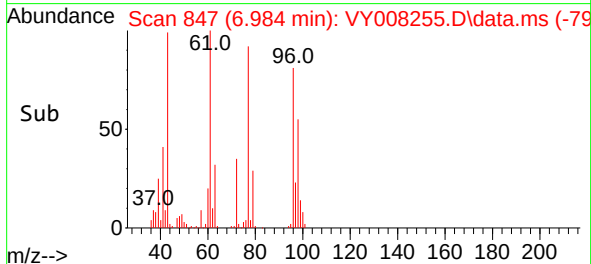
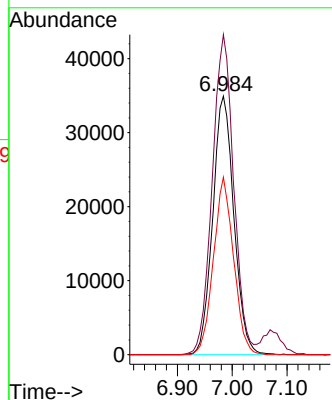
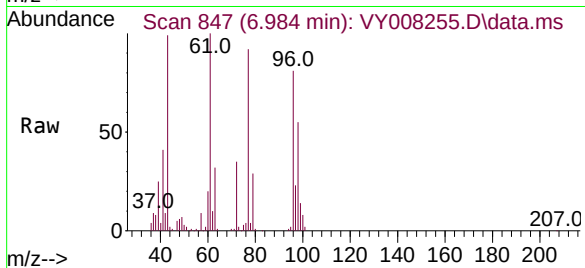
Tgt Ion: 96 Resp: 93820

Ion Ratio Lower Upper

96 100

61 125.1 0.0 319.8

98 65.3 0.0 127.0



#28

Bromochloromethane

Concen: 57.053 ug/l

RT: 7.331 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY008255.D

Acq: 08 Apr 2022 12:32

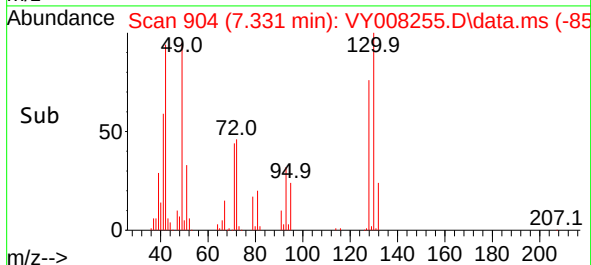
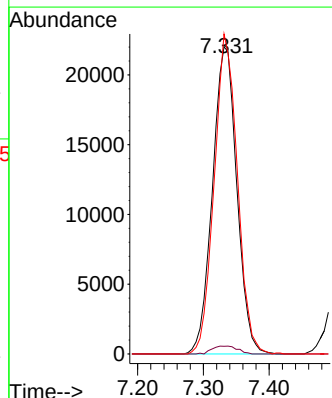
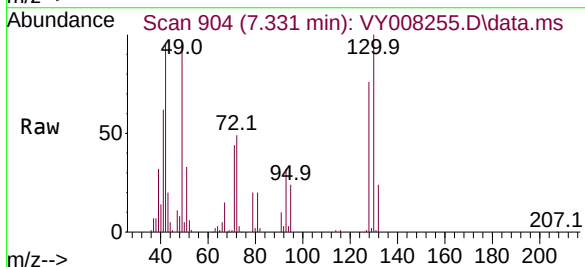
Tgt Ion: 49 Resp: 56811

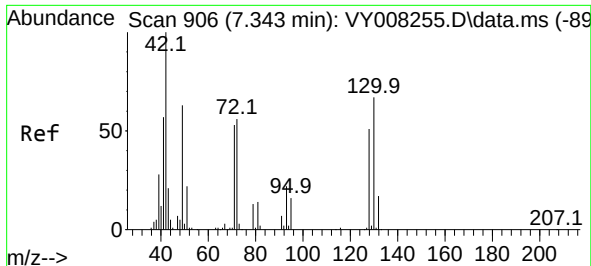
Ion Ratio Lower Upper

49 100

129 2.7 0.0 2.2#

130 99.0 55.4 83.0#





#29

Tetrahydrofuran

Concen: 233.876 ug/l

RT: 7.343 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY008255.D

Acq: 08 Apr 2022 12:32

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

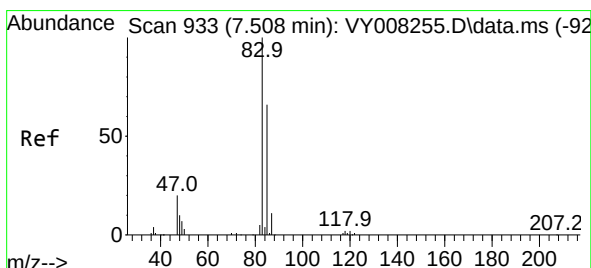
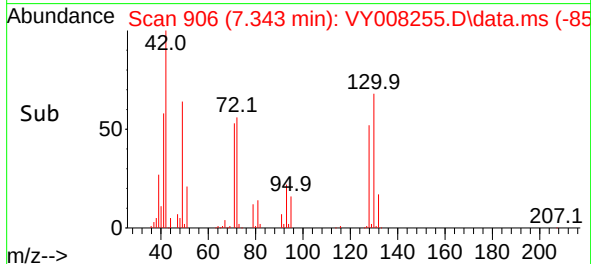
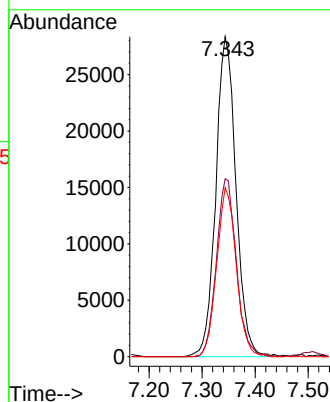
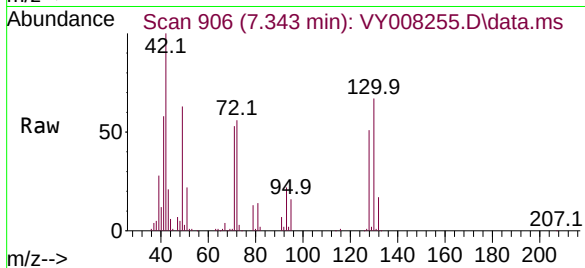
Tgt Ion: 42 Resp: 74923

Ion Ratio Lower Upper

42 100

72 54.8 30.3 45.5#

71 51.2 29.0 43.4#



#30

Chloroform

Concen: 47.105 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY008255.D

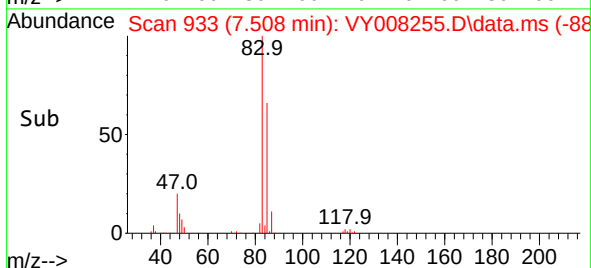
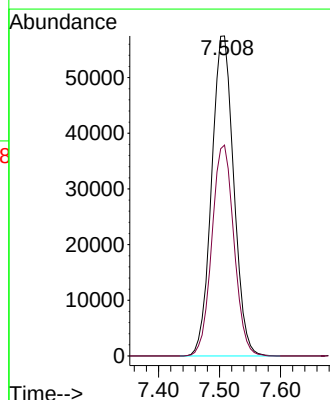
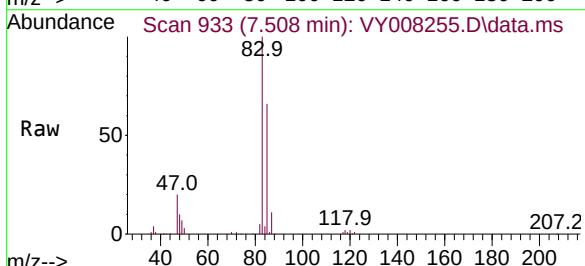
Acq: 08 Apr 2022 12:32

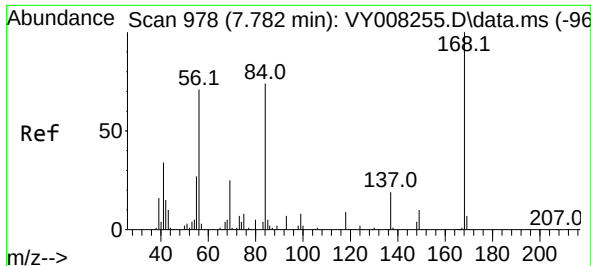
Tgt Ion: 83 Resp: 144825

Ion Ratio Lower Upper

83 100

85 65.9 51.8 77.6

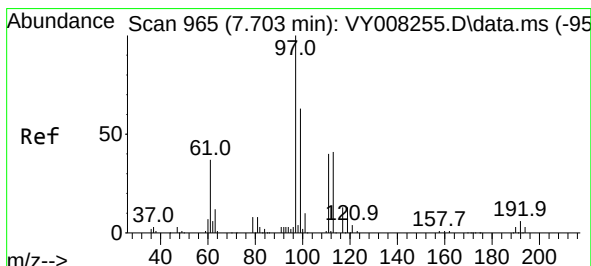
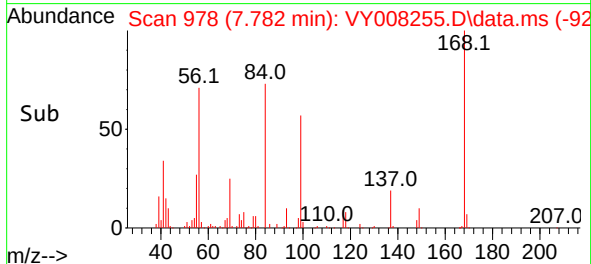
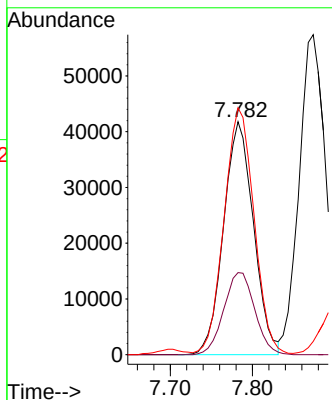
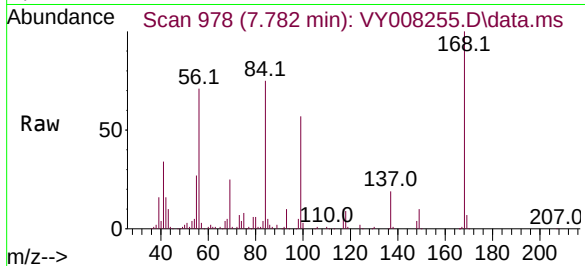




#31  
Cyclohexane  
Concen: 40.219 ug/l  
RT: 7.782 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

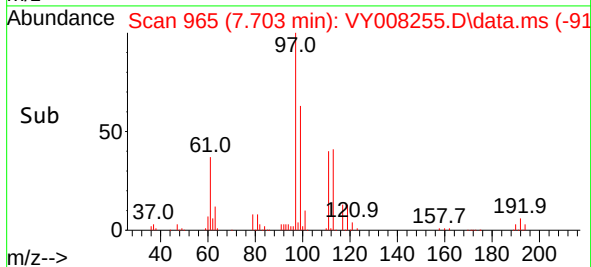
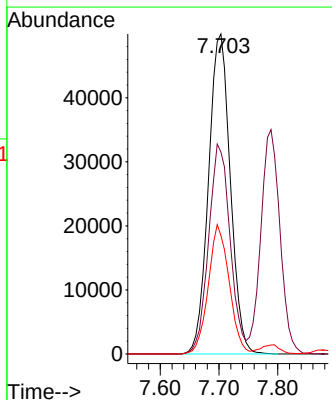
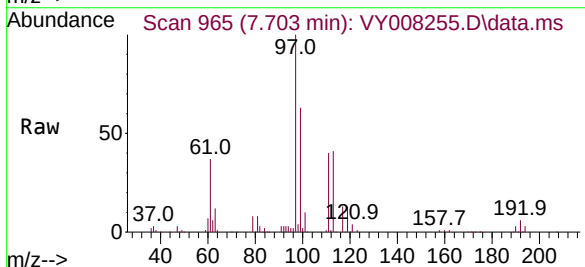
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

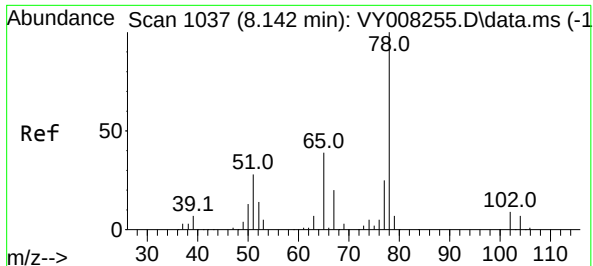
Tgt Ion: 56 Resp: 105998  
Ion Ratio Lower Upper  
56 100  
69 35.2 26.7 40.1  
84 104.2 67.2 100.8#



#32  
1,1,1-Trichloroethane  
Concen: 45.621 ug/l  
RT: 7.703 min Scan# 965  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion: 97 Resp: 128583  
Ion Ratio Lower Upper  
97 100  
99 64.8 50.7 76.1  
61 38.7 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 42.757 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008255.D

Acq: 08 Apr 2022 12:32

Instrument :

MSVOA\_Y

ClientSampleId :

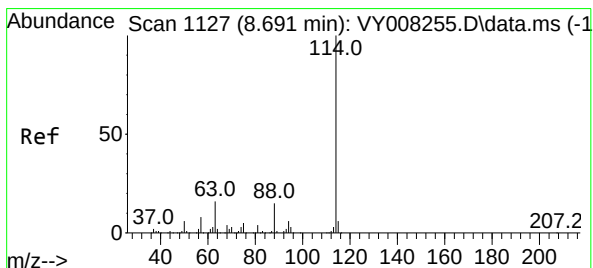
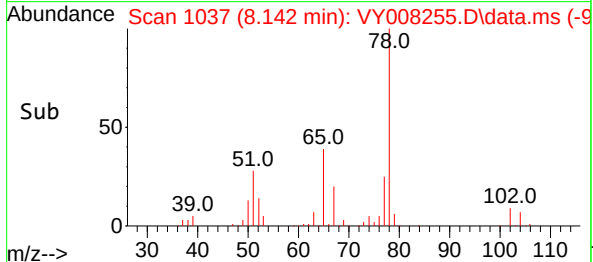
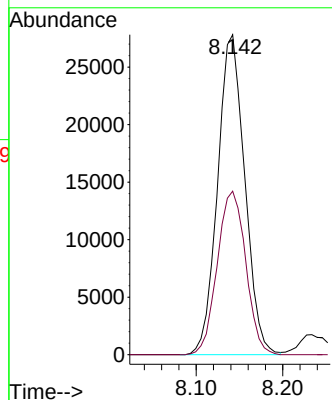
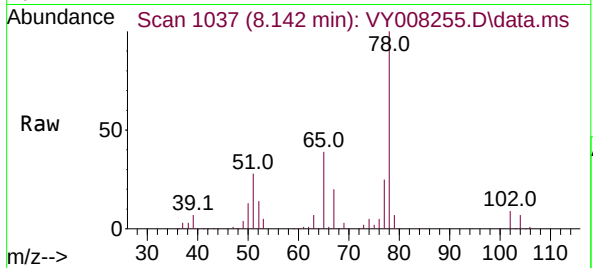
VSTDICCC050

Tgt Ion: 65 Resp: 60584

Ion Ratio Lower Upper

65 100

67 53.5 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: VY008255.D

Acq: 08 Apr 2022 12:32

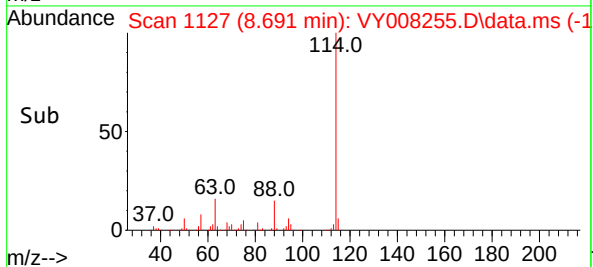
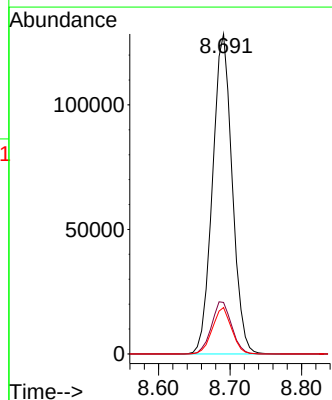
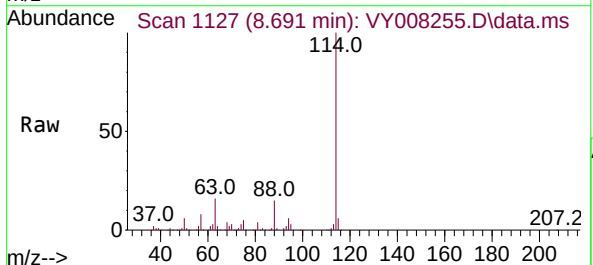
Tgt Ion: 114 Resp: 245030

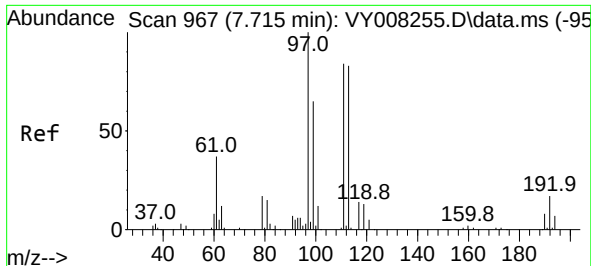
Ion Ratio Lower Upper

114 100

63 16.1 0.0 43.2

88 14.5 0.0 31.8

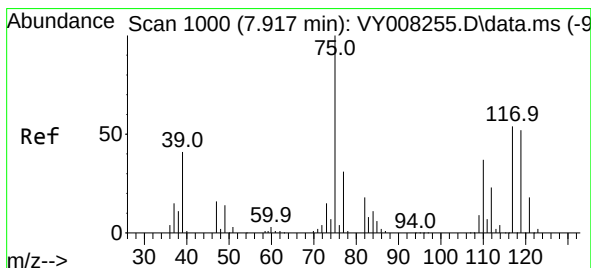
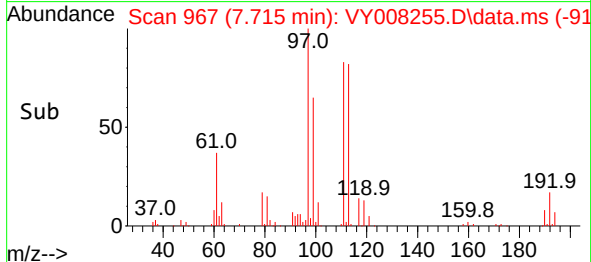
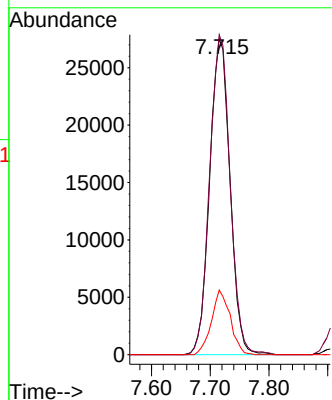
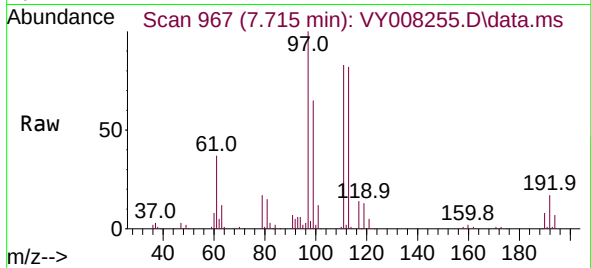




#35  
Dibromofluoromethane  
Concen: 44.358 ug/l  
RT: 7.715 min Scan# 967  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

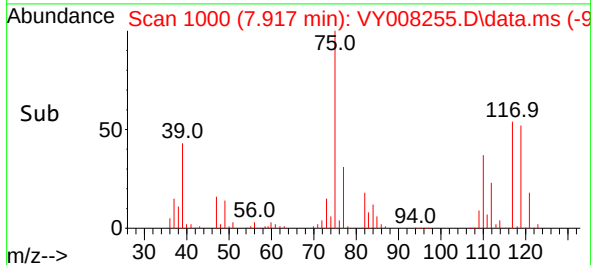
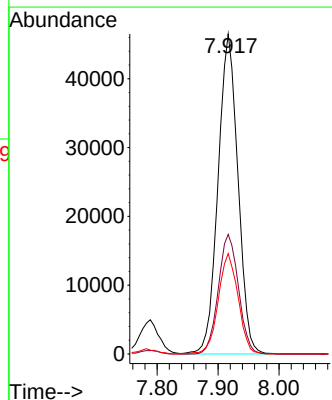
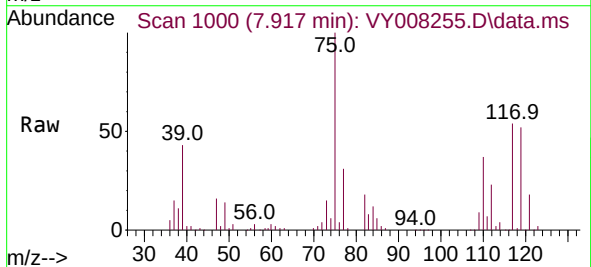
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

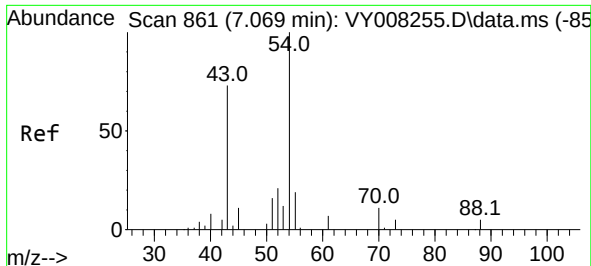
Tgt Ion:113 Resp: 66266  
Ion Ratio Lower Upper  
113 100  
111 101.7 82.6 124.0  
192 18.8 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 45.100 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion: 75 Resp: 105369  
Ion Ratio Lower Upper  
75 100  
110 37.8 17.1 51.2  
77 31.2 24.4 36.6

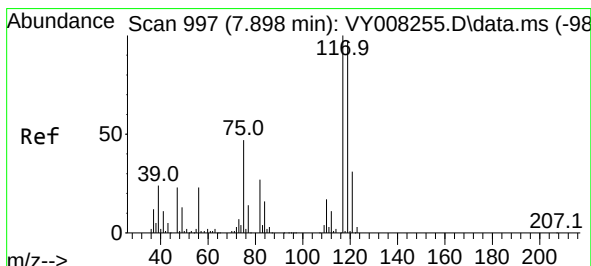
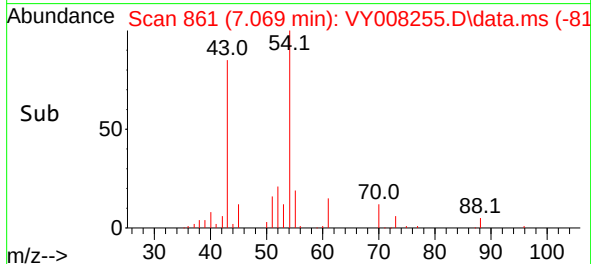
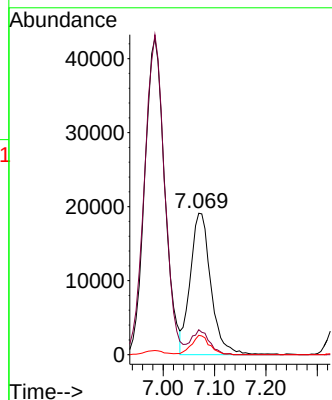
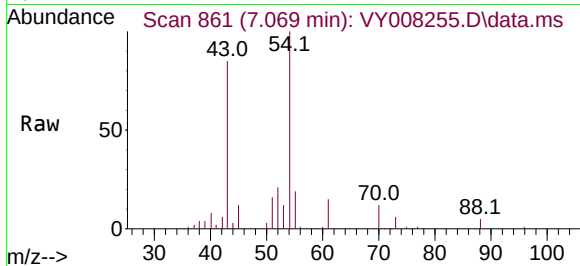




#37  
Ethyl Acetate  
Concen: 48.491 ug/l  
RT: 7.069 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

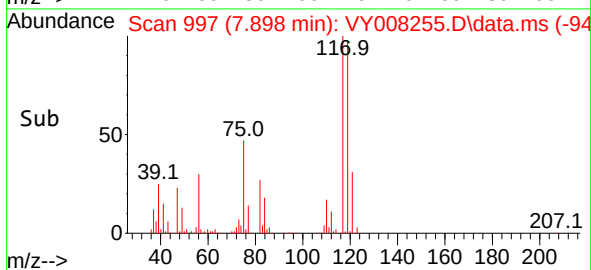
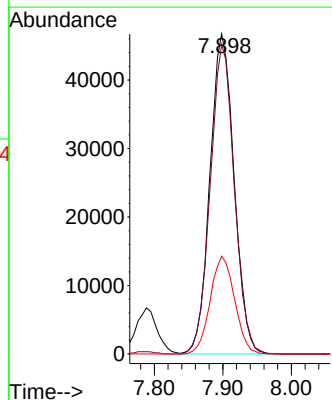
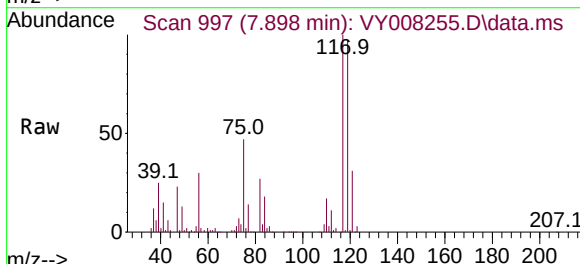
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

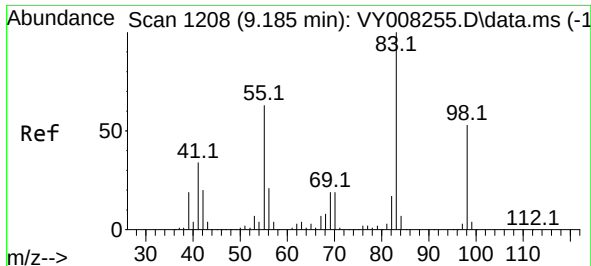
Tgt Ion: 43 Resp: 53162  
Ion Ratio Lower Upper  
43 100  
61 15.0 9.7 14.5#  
70 12.2 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 45.038 ug/l  
RT: 7.898 min Scan# 997  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion: 117 Resp: 114566  
Ion Ratio Lower Upper  
117 100  
119 96.8 77.9 116.9  
121 30.6 24.8 37.2

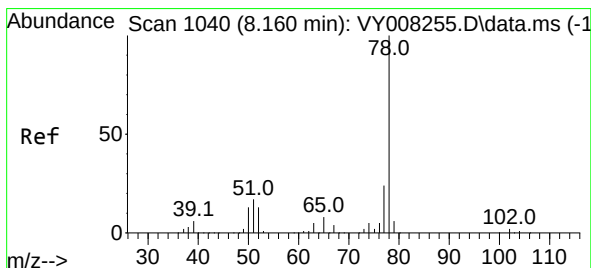
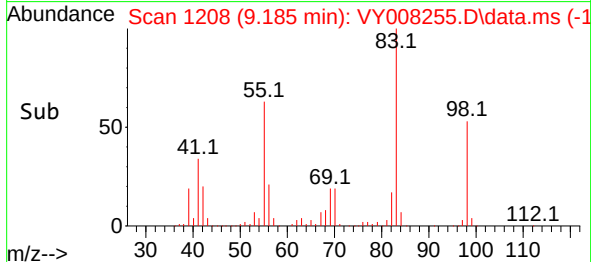
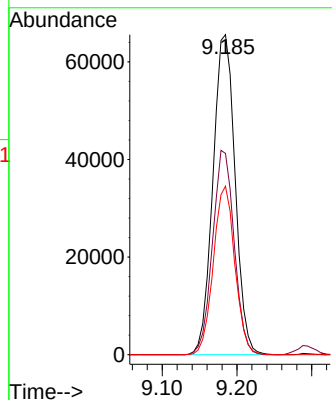
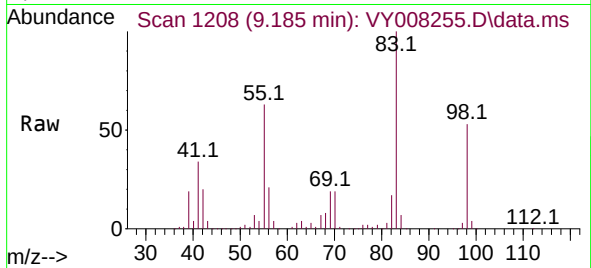




#39  
Methylcyclohexane  
Concen: 43.094 ug/l  
RT: 9.185 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

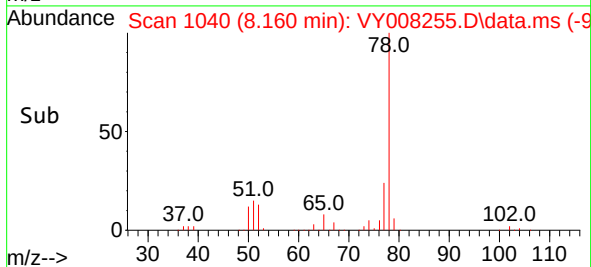
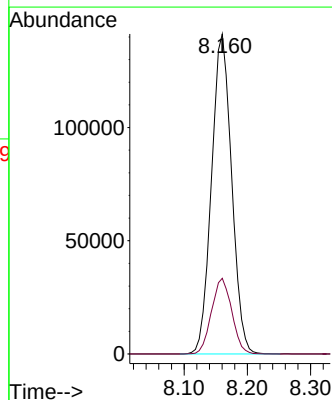
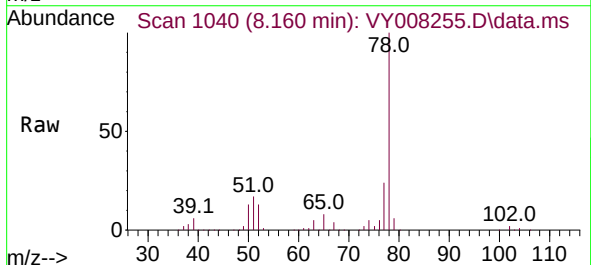
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 83 Resp: 135114  
Ion Ratio Lower Upper  
83 100  
55 62.9 66.5 99.7#  
98 52.7 37.9 56.9

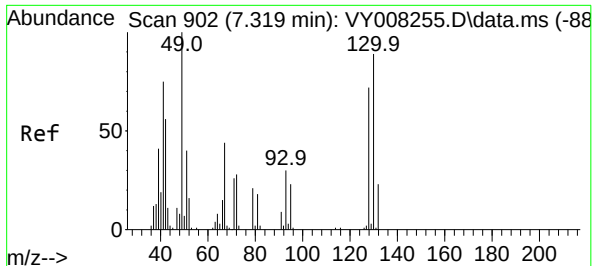


#40  
Benzene  
Concen: 46.325 ug/l  
RT: 8.160 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion: 78 Resp: 311577  
Ion Ratio Lower Upper  
78 100  
77 23.7 20.4 30.6



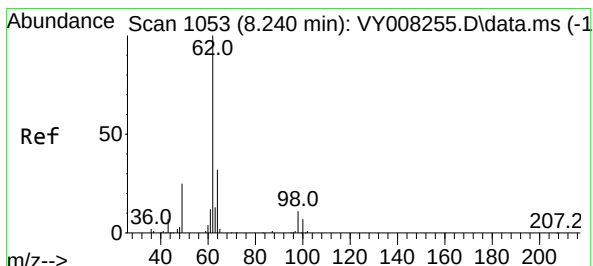
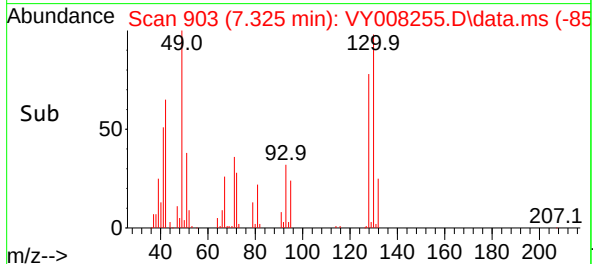
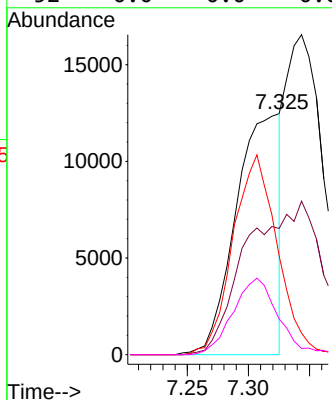
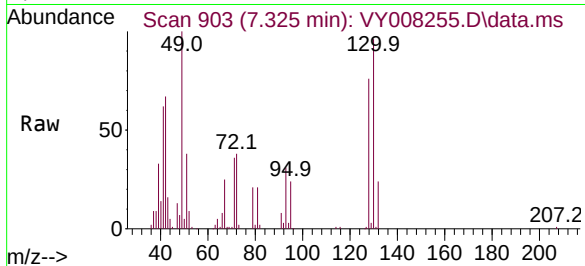




#41  
Methacrylonitrile  
Concen: 56.085 ug/l m  
RT: 7.325 min Scan# 903  
Delta R.T. 0.006 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

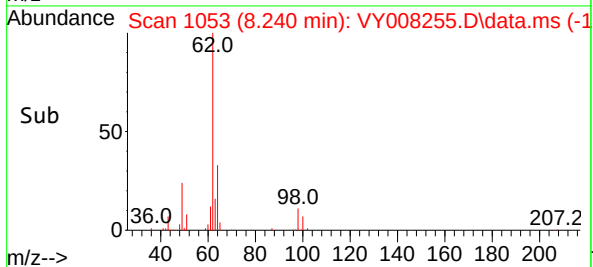
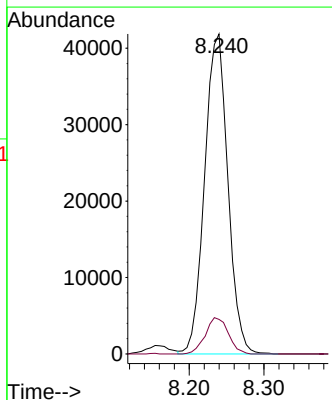
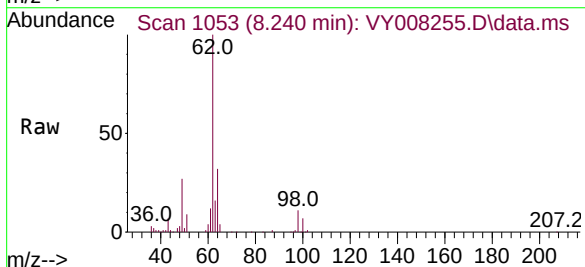
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

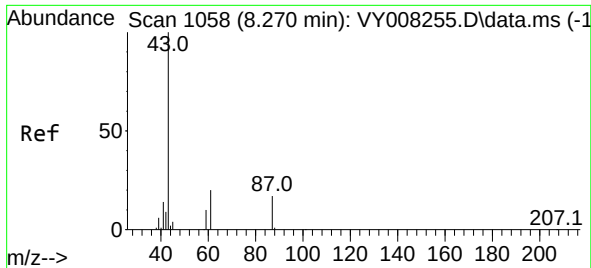
Tgt Ion: 41 Resp: 31534  
Ion Ratio Lower Upper  
41 100  
39 108.8 92.9 139.3  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 47.766 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion: 62 Resp: 90578  
Ion Ratio Lower Upper  
62 100  
98 11.2 0.0 14.8

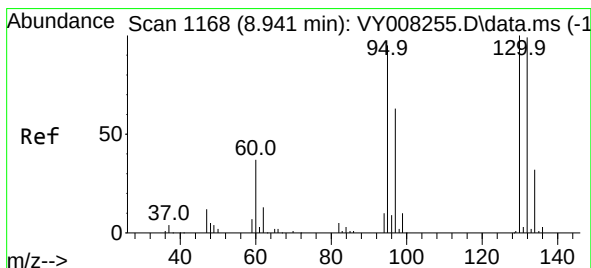
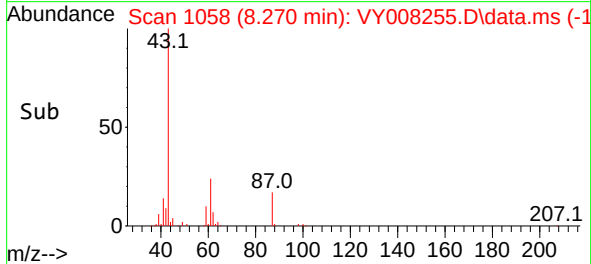
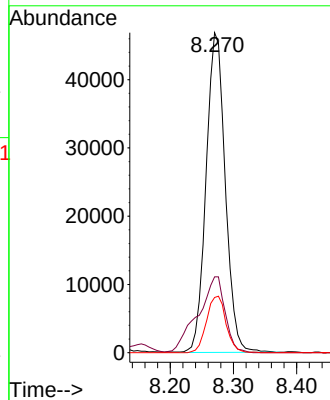
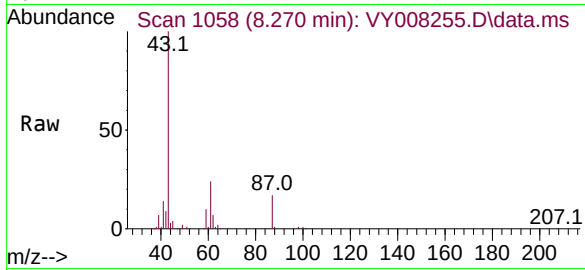




#43  
Isopropyl Acetate  
Concen: 46.131 ug/l  
RT: 8.270 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

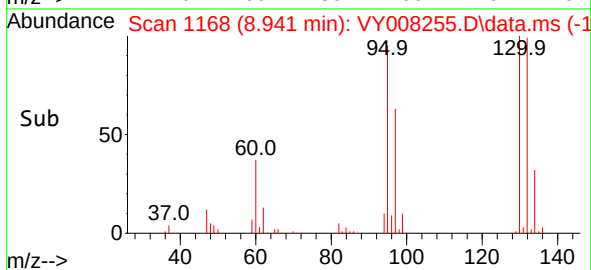
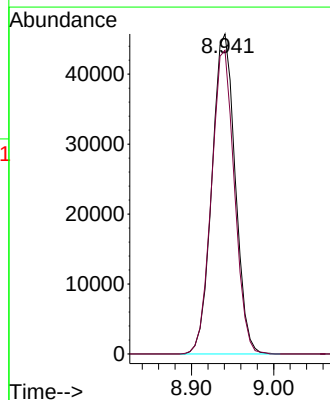
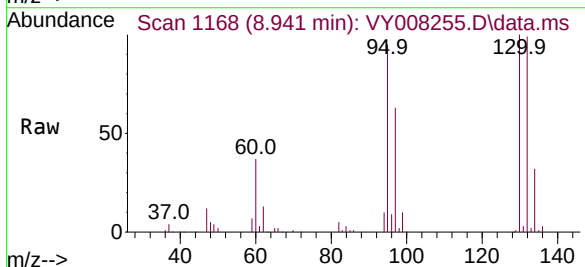
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

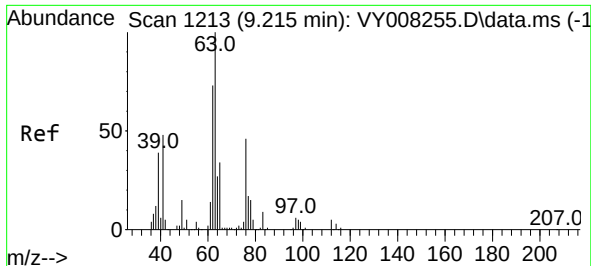
Tgt Ion: 43 Resp: 98879  
Ion Ratio Lower Upper  
43 100  
61 33.4 20.2 30.2#  
87 18.0 8.9 13.3#



#44  
Trichloroethene  
Concen: 46.136 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion:130 Resp: 89786  
Ion Ratio Lower Upper  
130 100  
95 94.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 48.310 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008255.D

Acq: 08 Apr 2022 12:32

Instrument :

MSVOA\_Y

ClientSampleId :

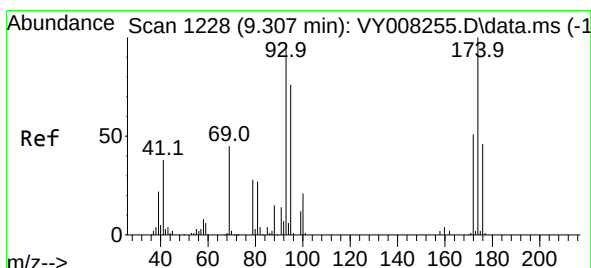
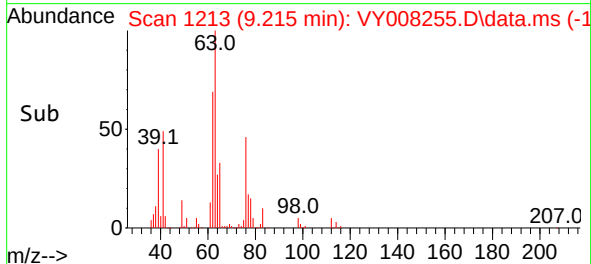
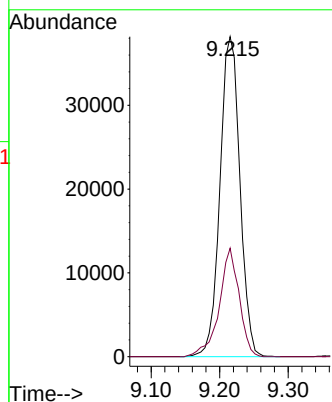
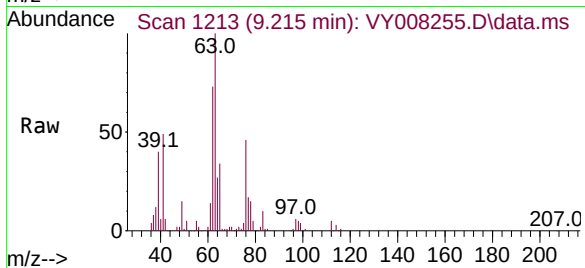
VSTDICCC050

Tgt Ion: 63 Resp: 77036

Ion Ratio Lower Upper

63 100

65 33.9 23.0 34.6



#46

Dibromomethane

Concen: 48.473 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY008255.D

Acq: 08 Apr 2022 12:32

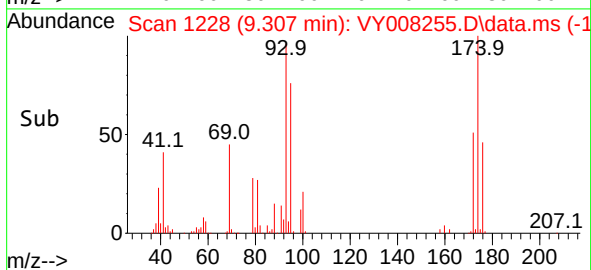
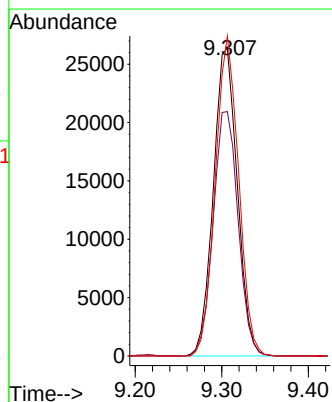
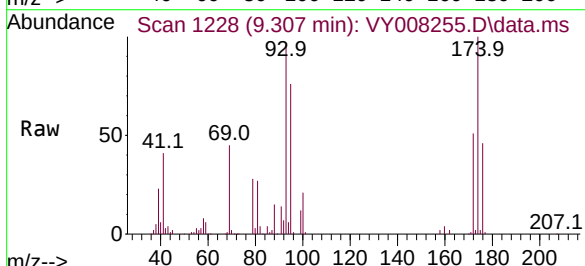
Tgt Ion: 93 Resp: 50773

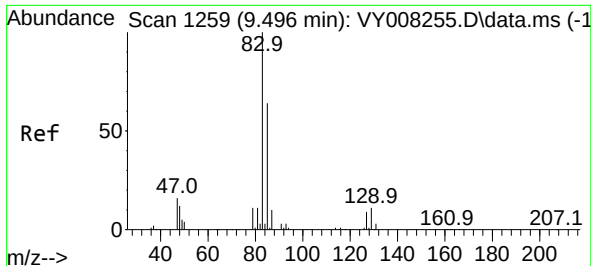
Ion Ratio Lower Upper

93 100

95 82.5 64.3 96.5

174 100.8 83.4 125.0

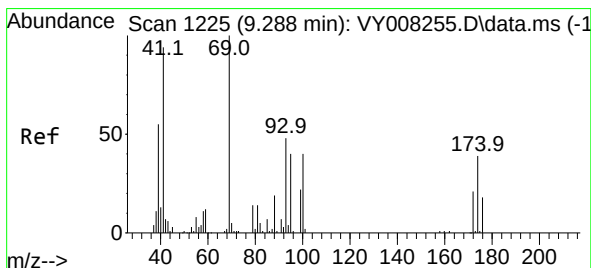
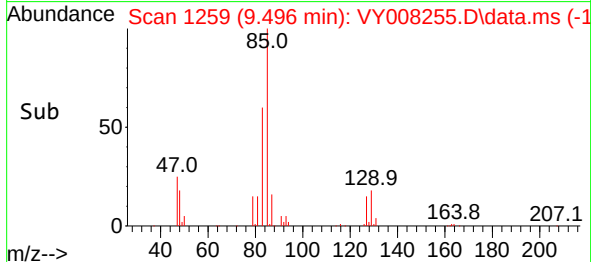
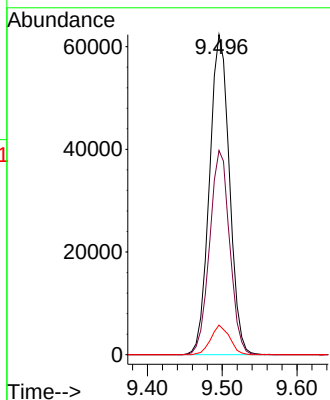
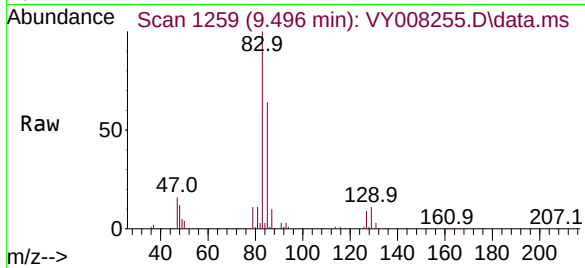




#47  
Bromodichloromethane  
Concen: 48.206 ug/l  
RT: 9.496 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

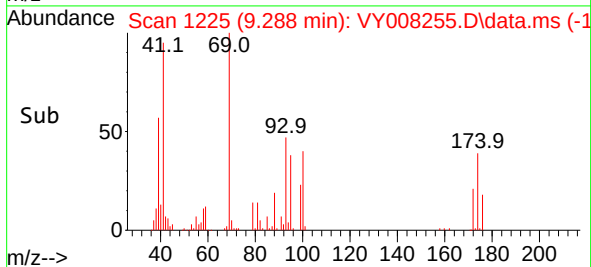
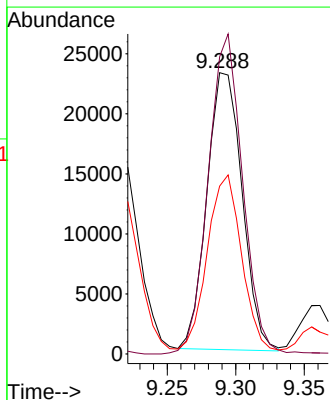
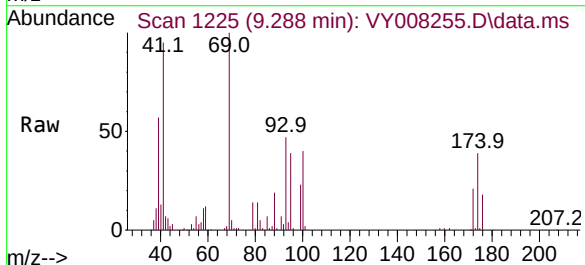
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

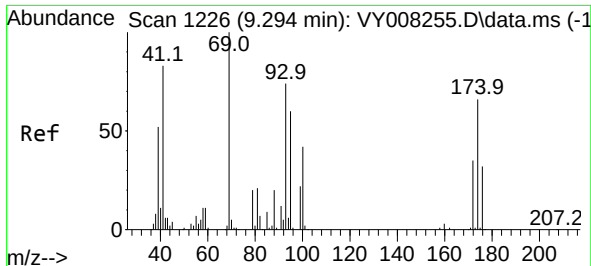
Tgt Ion: 83 Resp: 115460  
Ion Ratio Lower Upper  
83 100  
85 63.8 51.9 77.9  
127 9.2 6.6 10.0



#48  
Methyl methacrylate  
Concen: 44.027 ug/l  
RT: 9.288 min Scan# 1225  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion: 41 Resp: 41363  
Ion Ratio Lower Upper  
41 100  
69 112.6 58.2 87.2#  
39 64.1 47.4 71.0





#49

1,4-Dioxane

Concen: 987.451 ug/l

RT: 9.294 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY008255.D

Acq: 08 Apr 2022 12:32

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

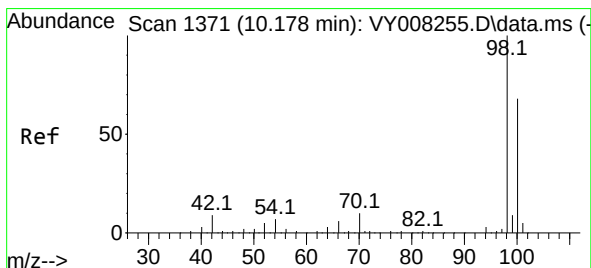
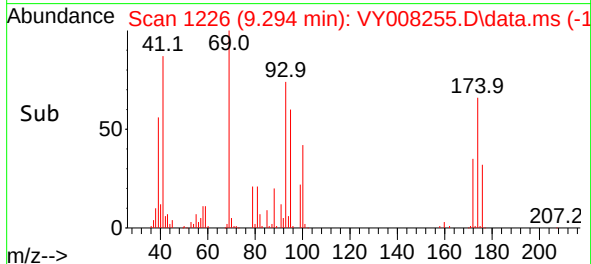
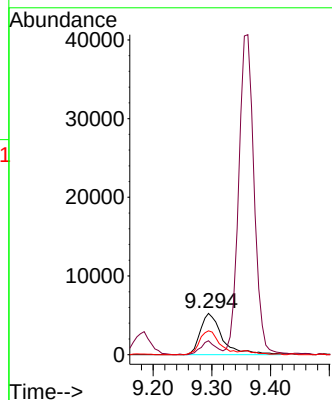
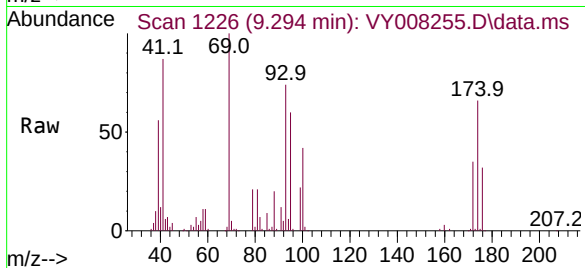
Tgt Ion: 88 Resp: 13638

Ion Ratio Lower Upper

88 100

43 23.4 32.8 49.2#

58 52.7 59.8 89.6#



#50

Toluene-d8

Concen: 41.156 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY008255.D

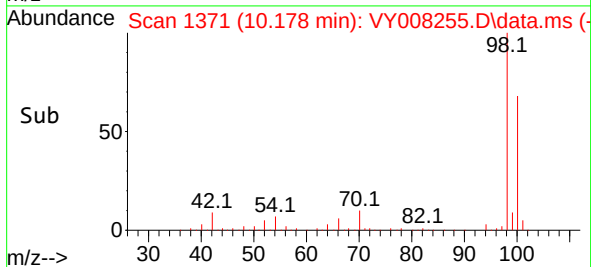
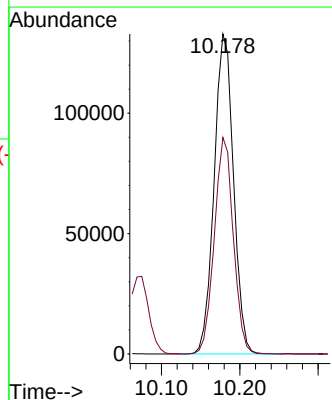
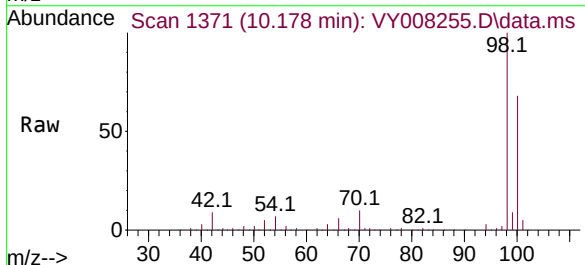
Acq: 08 Apr 2022 12:32

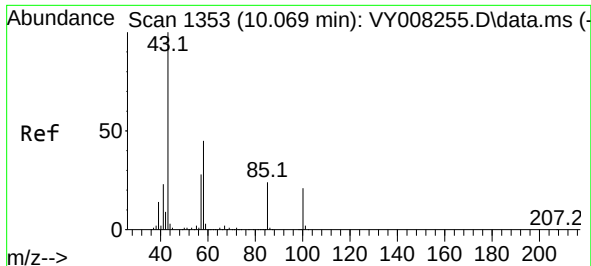
Tgt Ion: 98 Resp: 228156

Ion Ratio Lower Upper

98 100

100 66.4 50.2 75.2

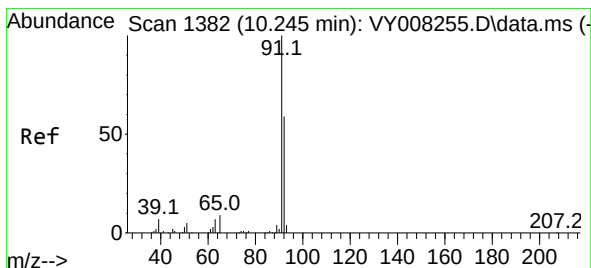
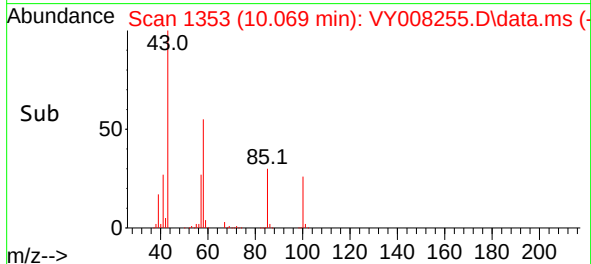
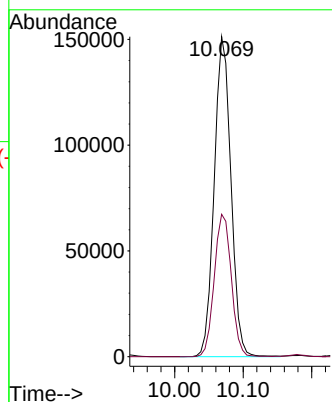
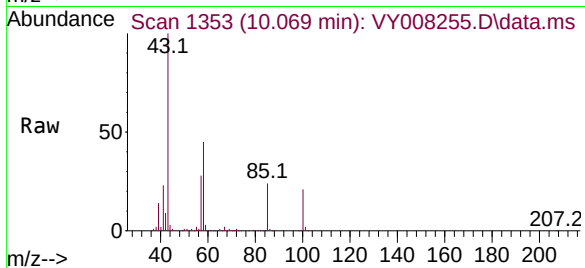




#51  
4-Methyl-2-Pentanone  
Concen: 237.013 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

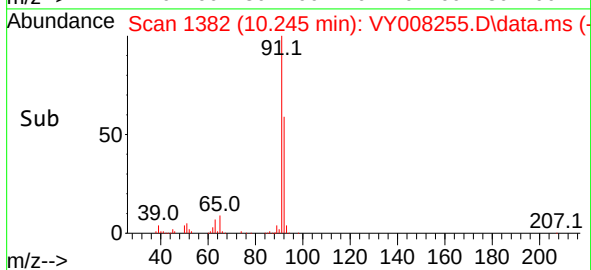
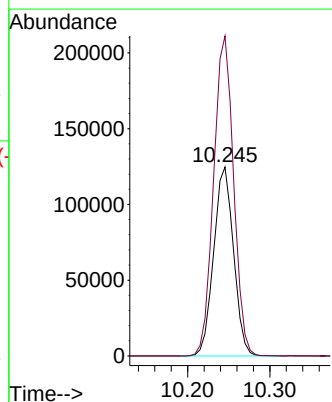
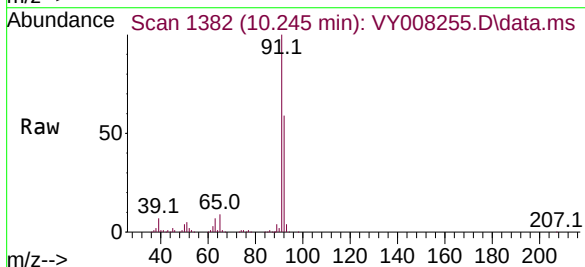
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

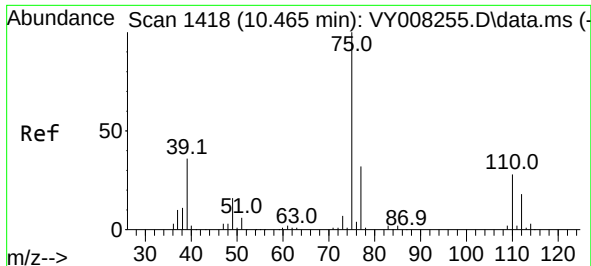
Tgt Ion: 43 Resp: 256063  
Ion Ratio Lower Upper  
43 100  
58 45.3 28.1 42.1#



#52  
Toluene  
Concen: 47.520 ug/l  
RT: 10.245 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion: 92 Resp: 209247  
Ion Ratio Lower Upper  
92 100  
91 170.3 142.6 213.8

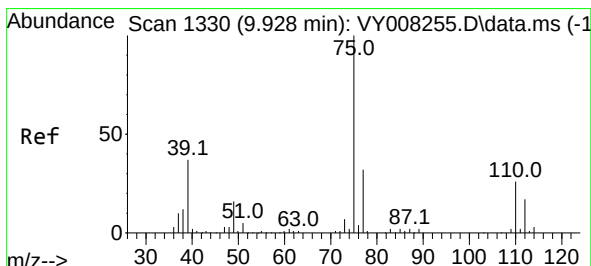
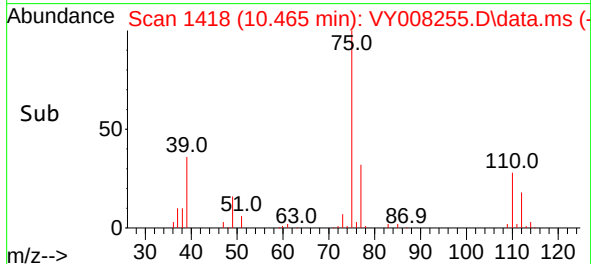
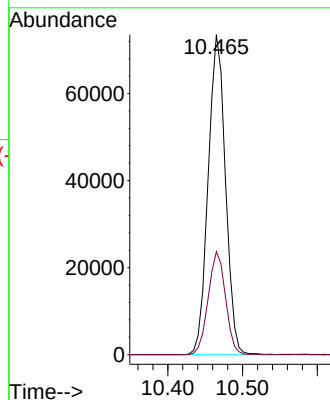
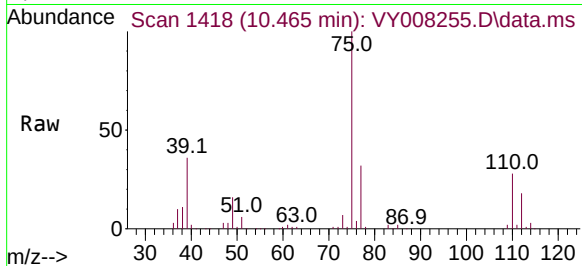




#53  
 t-1,3-Dichloropropene  
 Concen: 48.312 ug/l  
 RT: 10.465 min Scan# 1418  
 Delta R.T. 0.000 min  
 Lab File: VY008255.D  
 Acq: 08 Apr 2022 12:32

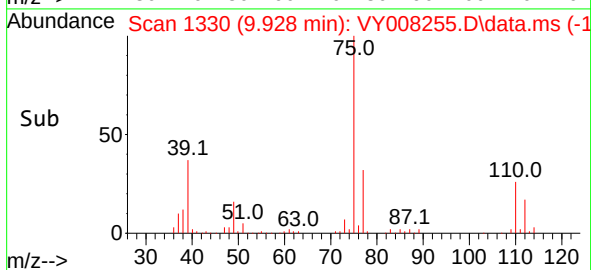
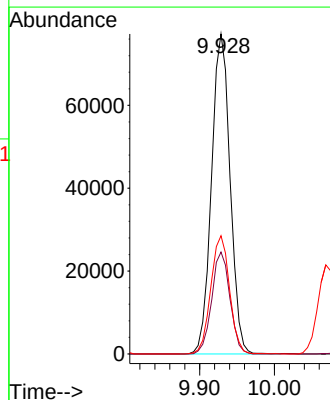
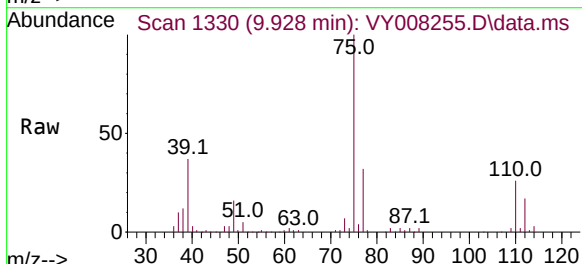
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

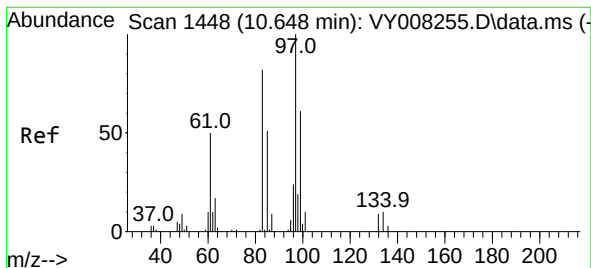
Tgt Ion: 75 Resp: 118173  
 Ion Ratio Lower Upper  
 75 100  
 77 32.2 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 48.185 ug/l  
 RT: 9.928 min Scan# 1330  
 Delta R.T. 0.000 min  
 Lab File: VY008255.D  
 Acq: 08 Apr 2022 12:32

Tgt Ion: 75 Resp: 133638  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 25.6 38.4  
 39 37.0 47.6 71.4#

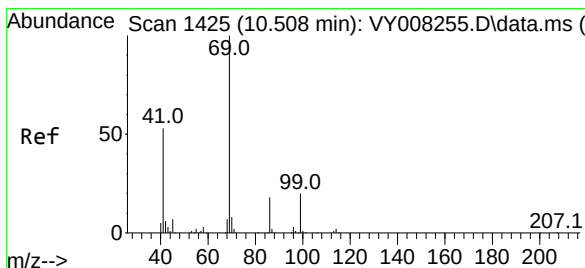
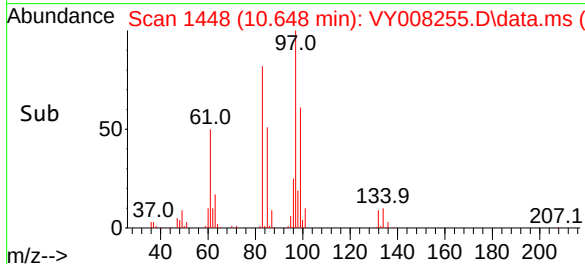
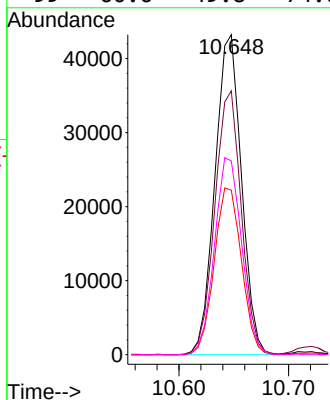
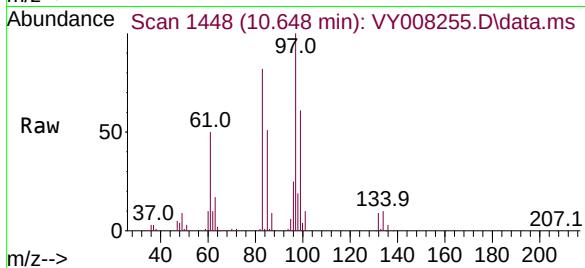




#55  
1,1,2-Trichloroethane  
Concen: 50.175 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

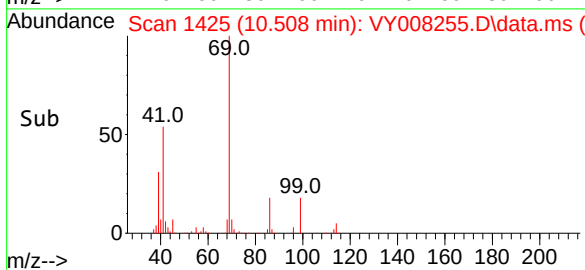
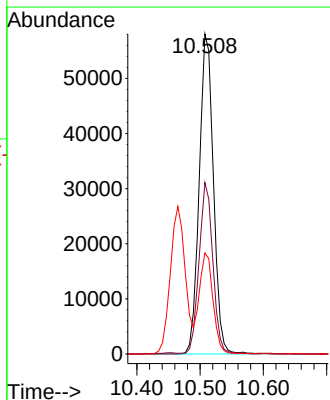
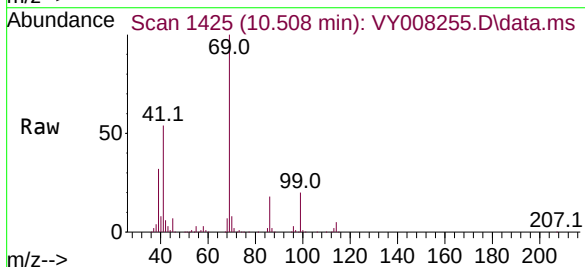
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 72797 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.4  | 69.8  | 104.8 |
| 85       | 51.4  | 44.3  | 66.5  |
| 99       | 60.6  | 49.8  | 74.6  |

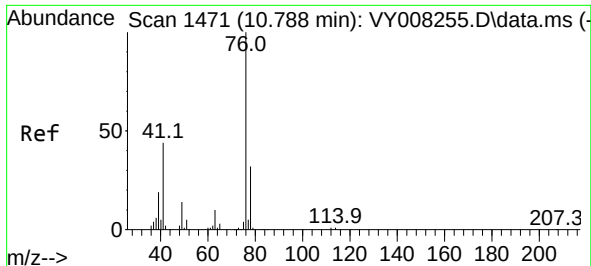


#56  
Ethyl methacrylate  
Concen: 48.734 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 90900 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 51.6  | 63.4  | 95.0# |
| 39       | 30.5  | 35.8  | 53.8# |







#57

1,3-Dichloropropane

Concen: 49.030 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008255.D

Acq: 08 Apr 2022 12:32

Instrument :

MSVOA\_Y

ClientSampleId :

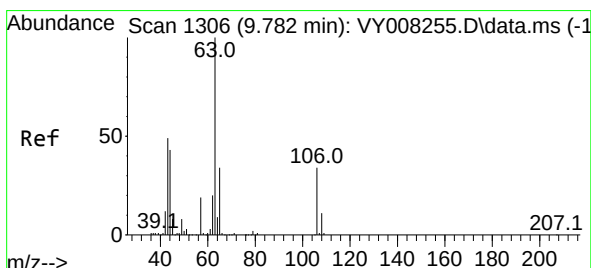
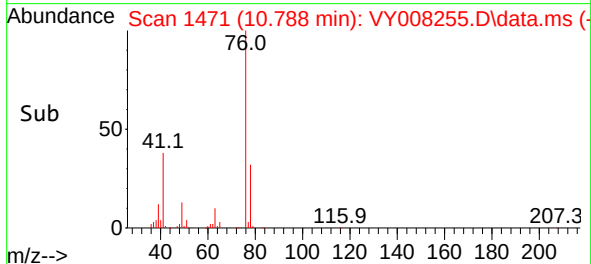
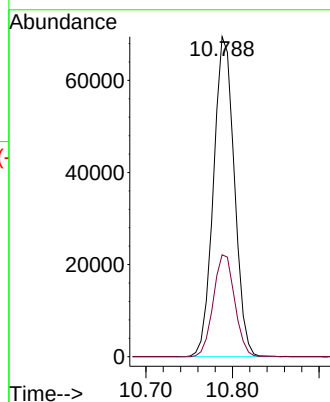
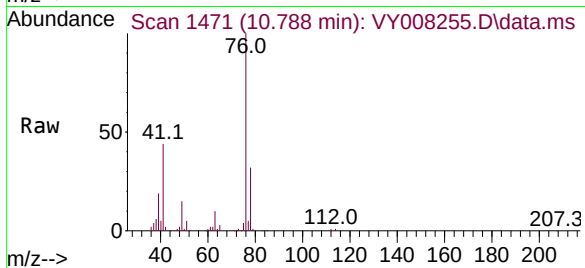
VSTDICCC050

Tgt Ion: 76 Resp: 116227

Ion Ratio Lower Upper

76 100

78 32.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 218.437 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008255.D

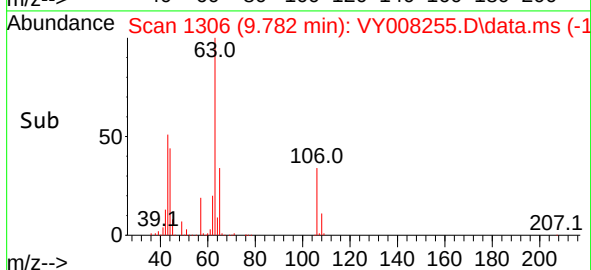
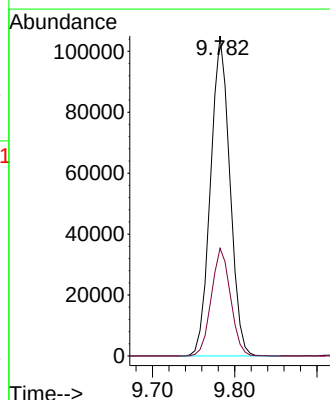
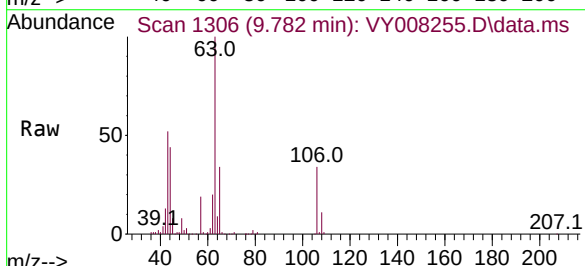
Acq: 08 Apr 2022 12:32

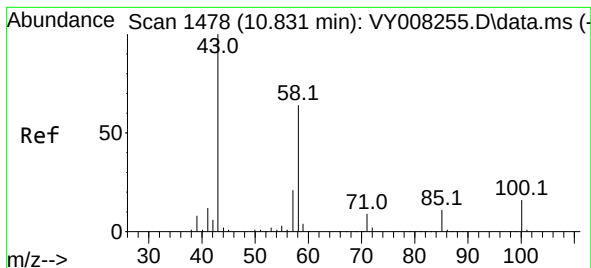
Tgt Ion: 63 Resp: 170882

Ion Ratio Lower Upper

63 100

106 33.4 21.5 32.3#

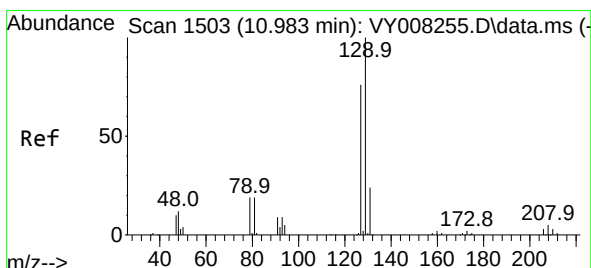
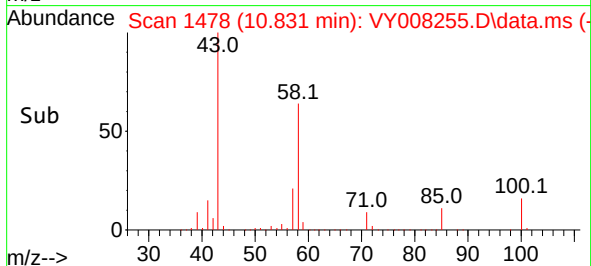
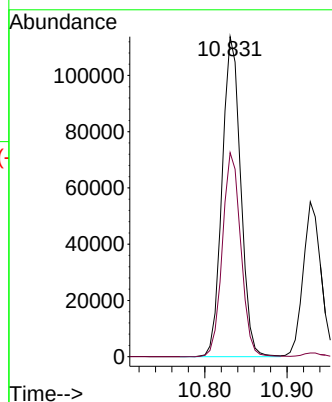
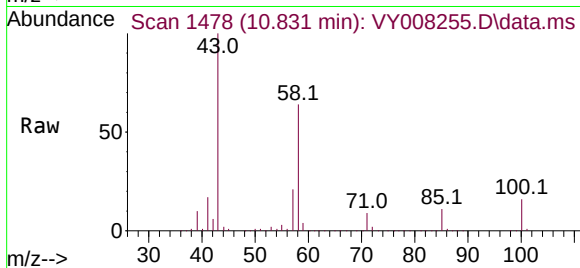




#59  
2-Hexanone  
Concen: 237.057 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

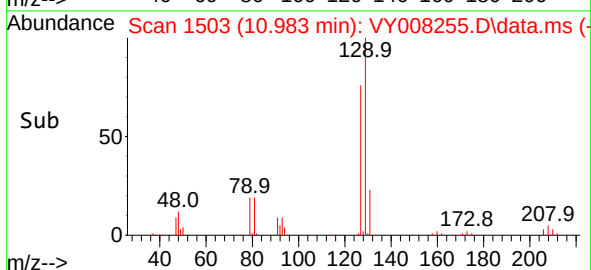
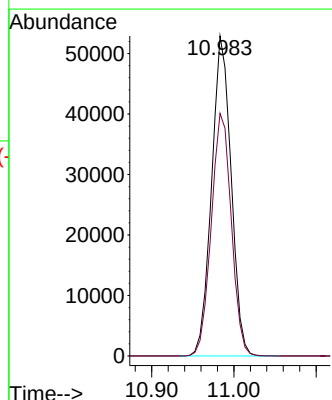
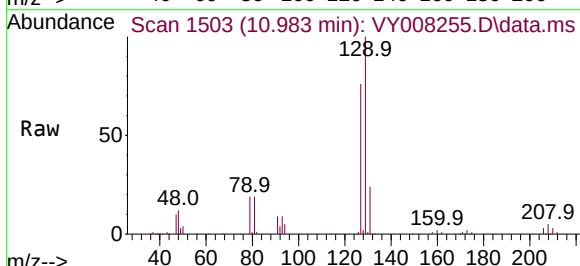
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

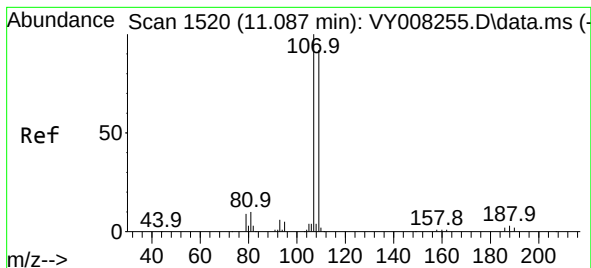
Tgt Ion: 43 Resp: 178340  
Ion Ratio Lower Upper  
43 100  
58 63.2 24.4 73.4



#60  
Dibromochloromethane  
Concen: 49.568 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion:129 Resp: 87192  
Ion Ratio Lower Upper  
129 100  
127 77.8 38.7 116.1

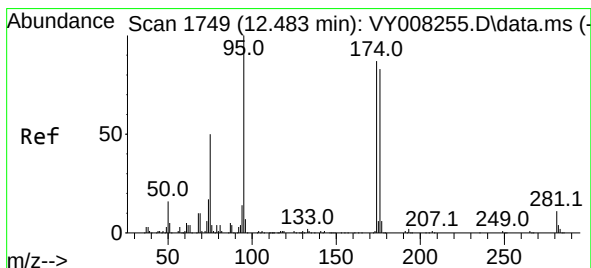
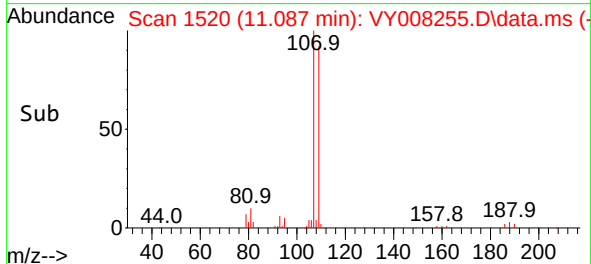
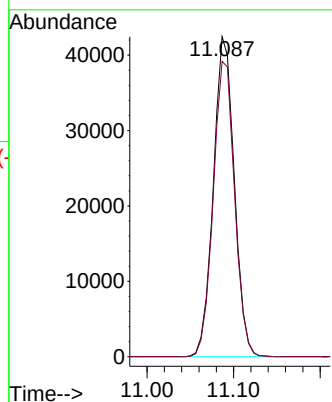
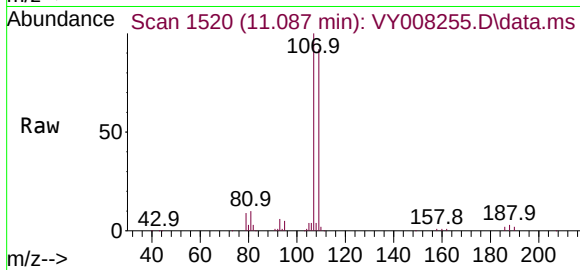




#61  
1,2-Dibromoethane  
Concen: 49.525 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

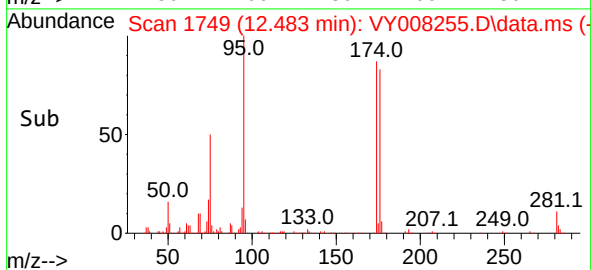
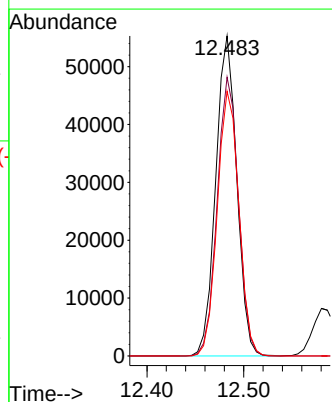
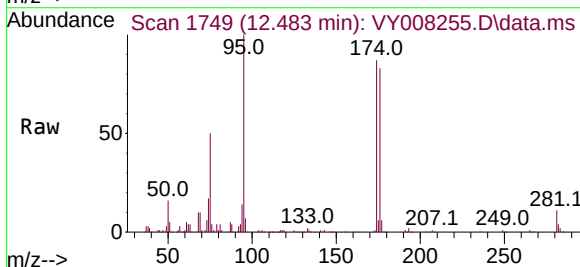
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

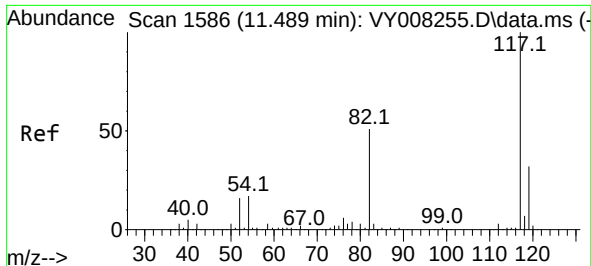
Tgt Ion:107 Resp: 71227  
Ion Ratio Lower Upper  
107 100  
109 94.0 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 42.542 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion: 95 Resp: 83522  
Ion Ratio Lower Upper  
95 100  
174 88.2 0.0 177.0  
176 84.7 0.0 175.8

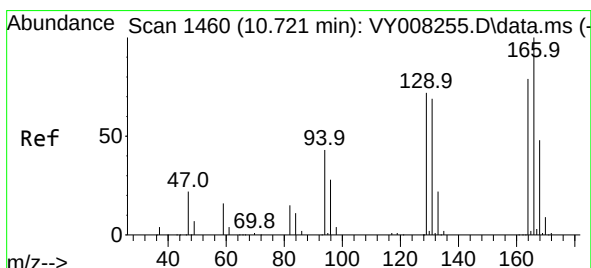
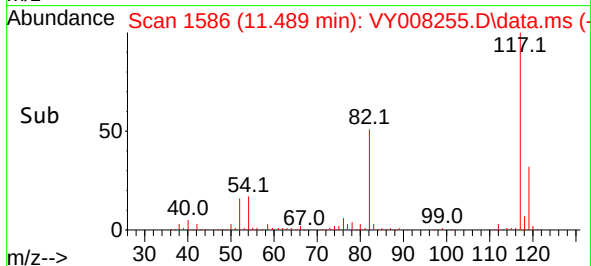
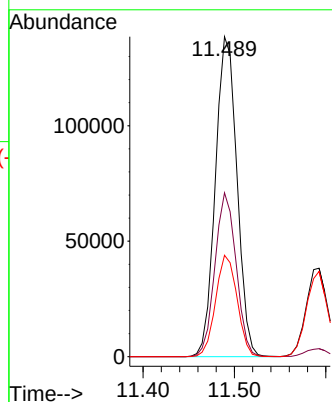
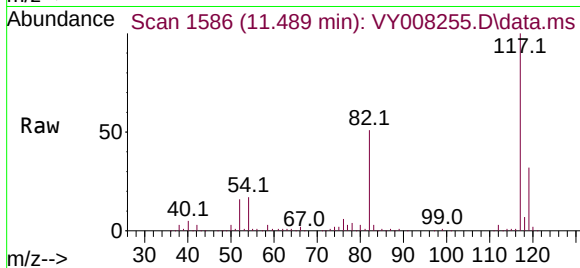




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

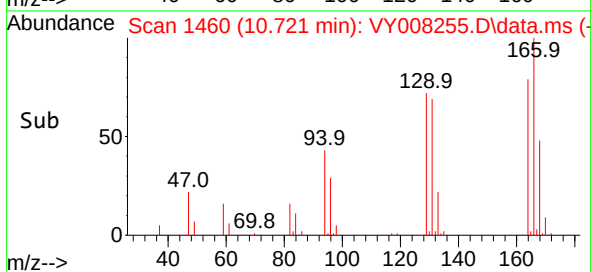
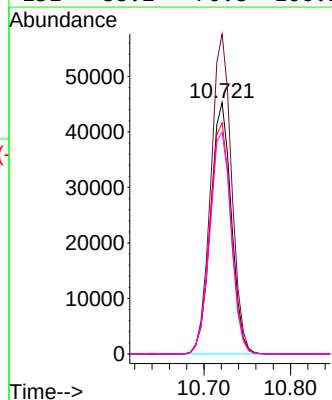
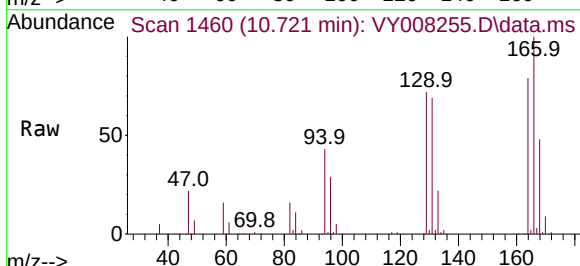
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

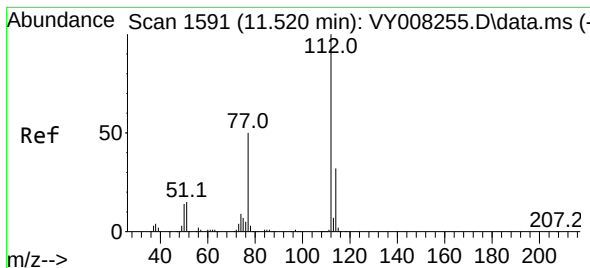
Tgt Ion:117 Resp: 227714  
Ion Ratio Lower Upper  
117 100  
82 51.2 43.0 64.4  
119 31.7 25.4 38.0



#64  
Tetrachloroethene  
Concen: 44.211 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion:164 Resp: 75266  
Ion Ratio Lower Upper  
164 100  
166 127.3 100.4 150.6  
129 91.9 71.4 107.0  
131 88.2 70.8 106.2

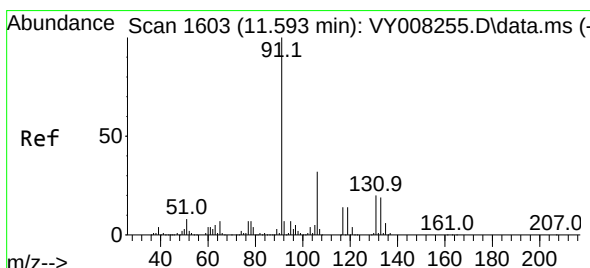
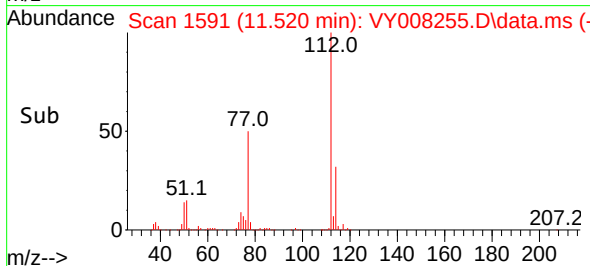
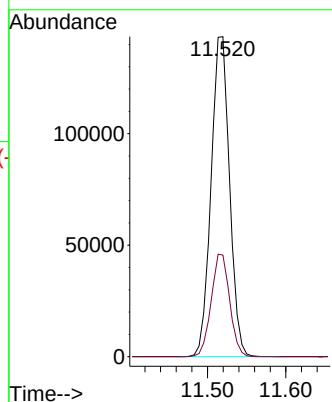
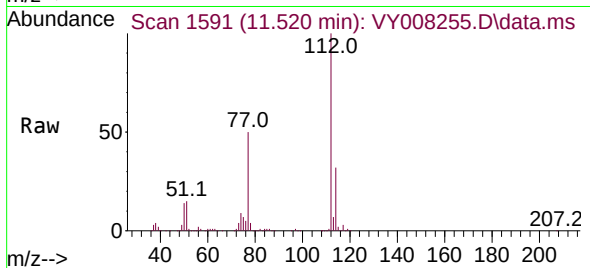




#65  
Chlorobenzene  
Concen: 46.947 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

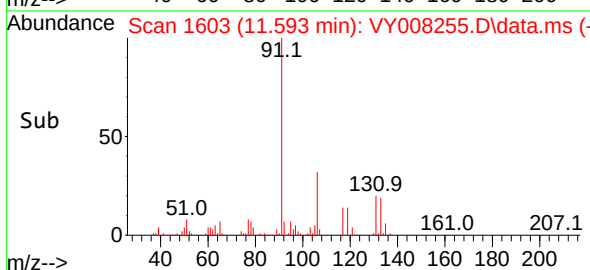
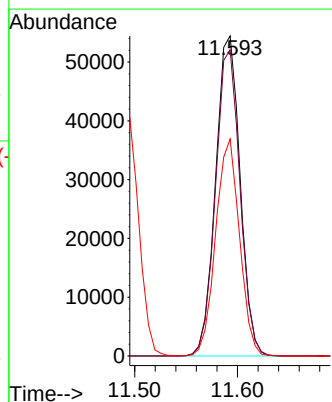
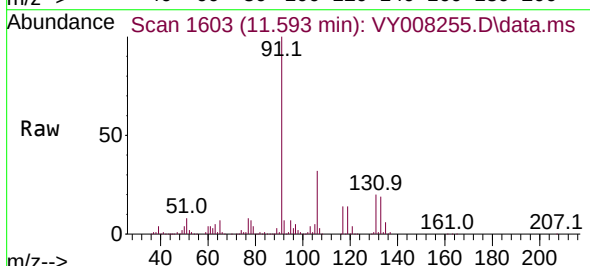
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

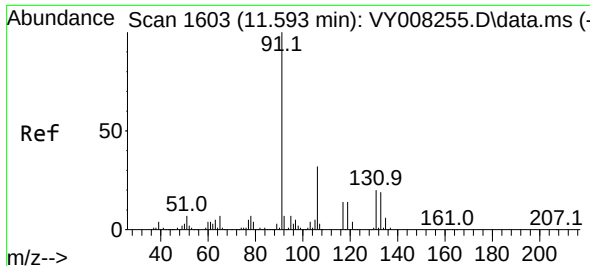
Tgt Ion:112 Resp: 234809  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.627 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion:131 Resp: 90044  
Ion Ratio Lower Upper  
131 100  
133 95.4 47.9 143.6  
119 66.0 30.8 92.3

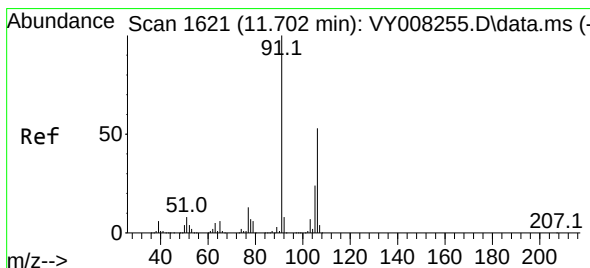
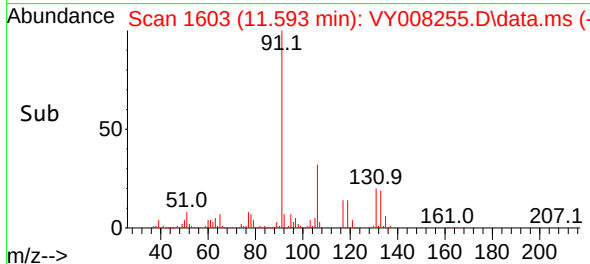
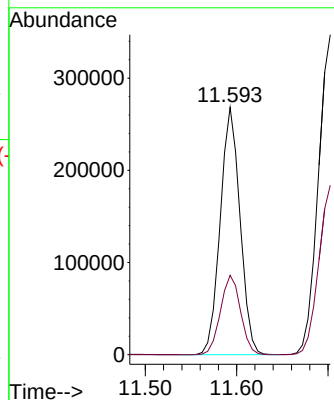
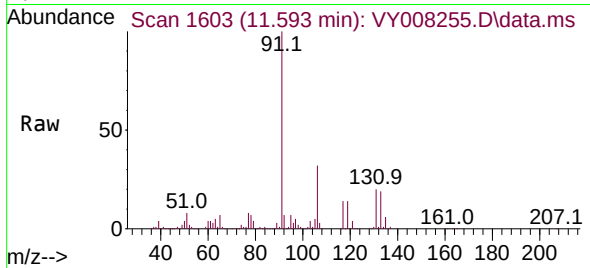




#67  
Ethyl Benzene  
Concen: 46.243 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

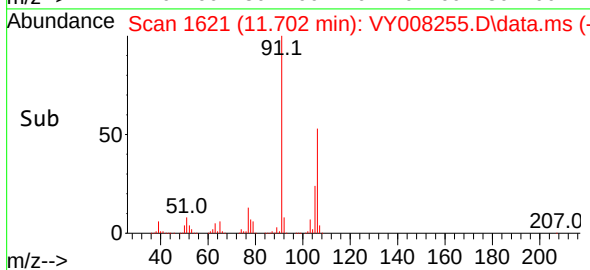
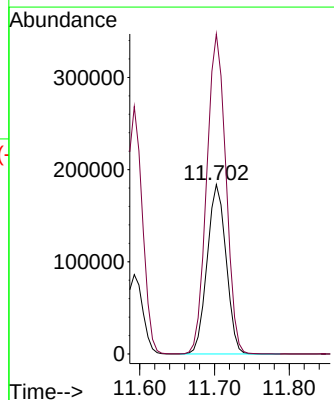
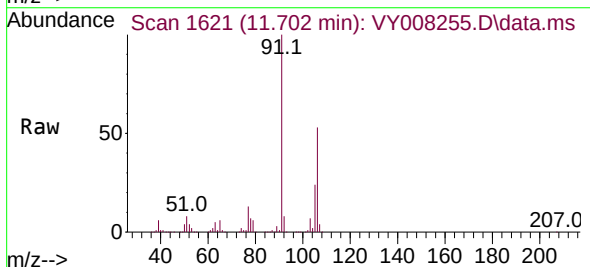
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

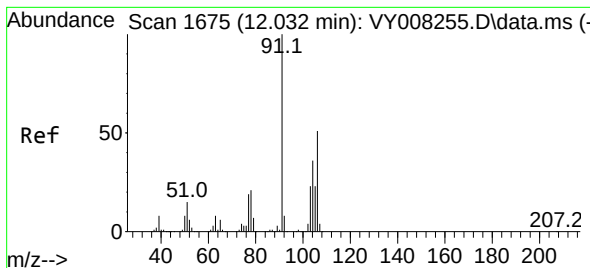
Tgt Ion: 91 Resp: 403950  
Ion Ratio Lower Upper  
91 100  
106 32.1 24.5 36.7



#68  
m/p-Xylenes  
Concen: 93.230 ug/l  
RT: 11.702 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion: 106 Resp: 323332  
Ion Ratio Lower Upper  
106 100  
91 191.1 166.6 249.8





#69

o-Xylene

Concen: 47.552 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY008255.D

Acq: 08 Apr 2022 12:32

Instrument :

MSVOA\_Y

ClientSampleId :

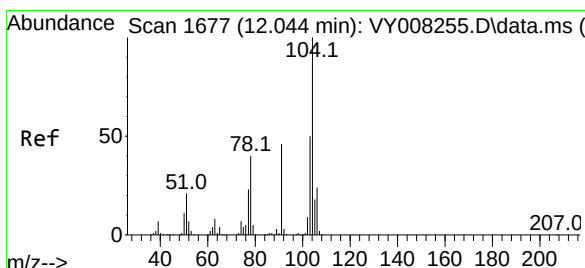
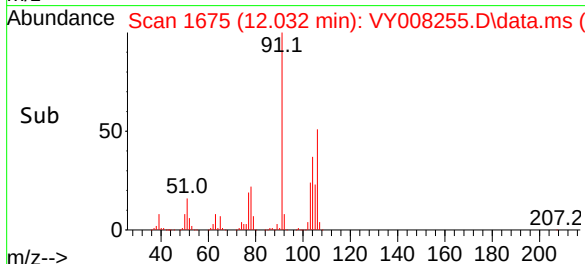
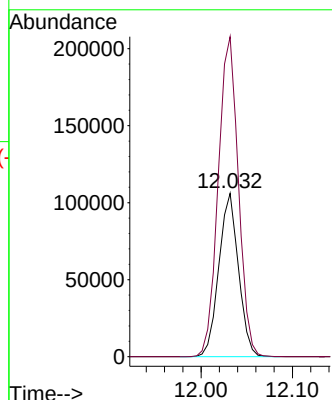
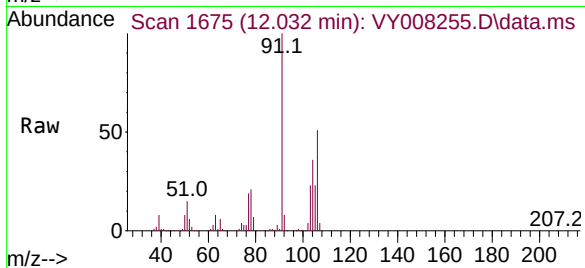
VSTDICCC050

Tgt Ion:106 Resp: 158418

Ion Ratio Lower Upper

106 100

91 201.1 110.3 331.0



#70

Styrene

Concen: 48.530 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY008255.D

Acq: 08 Apr 2022 12:32

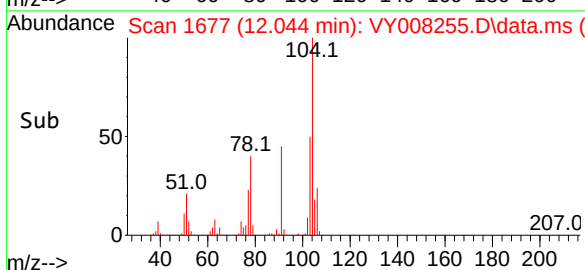
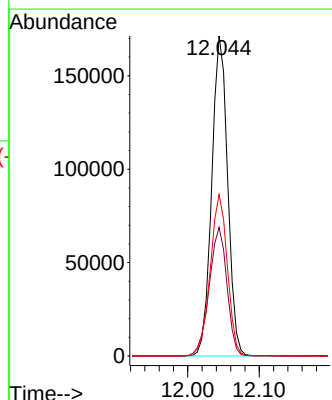
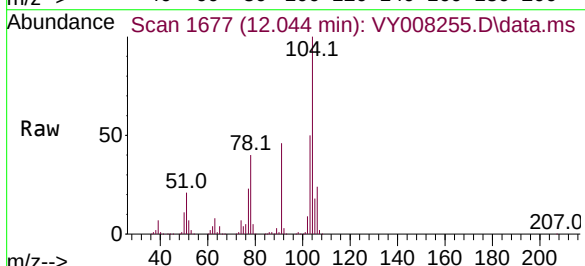
Tgt Ion:104 Resp: 264603

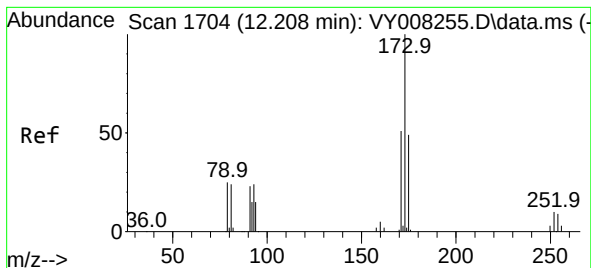
Ion Ratio Lower Upper

104 100

78 44.6 42.4 63.6

103 54.4 44.4 66.6





#71

Bromoform

Concen: 49.180 ug/l

RT: 12.208 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008255.D

Acq: 08 Apr 2022 12:32

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

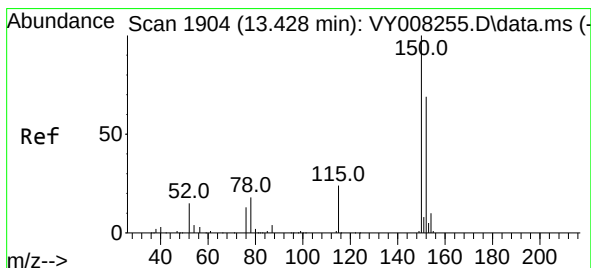
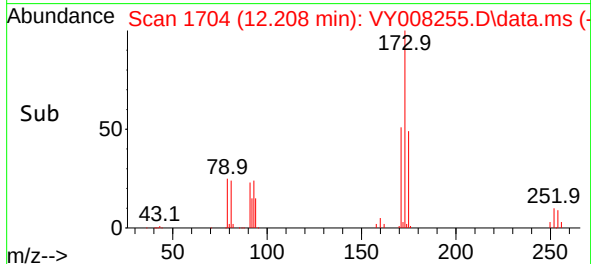
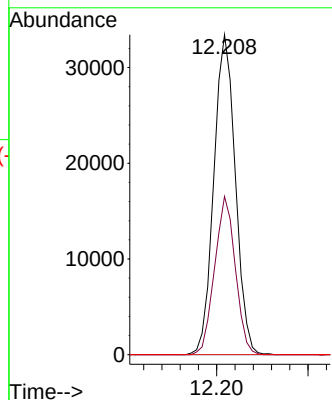
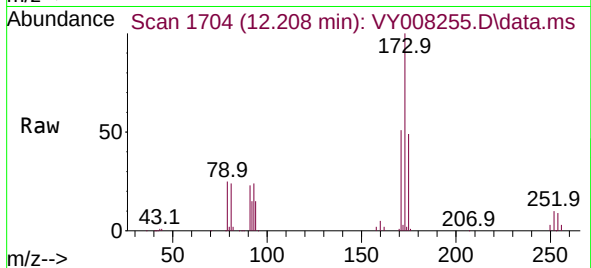
Tgt Ion:173 Resp: 54648

Ion Ratio Lower Upper

173 100

175 47.5 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008255.D

Acq: 08 Apr 2022 12:32

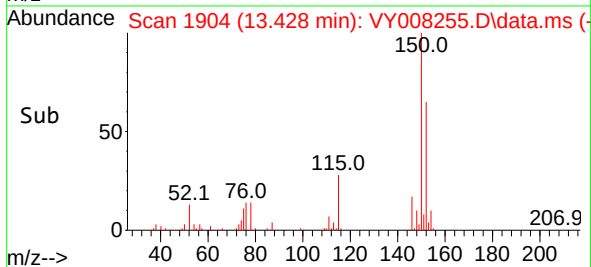
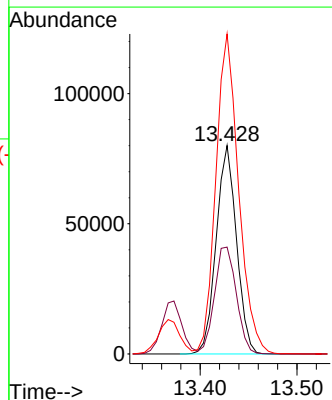
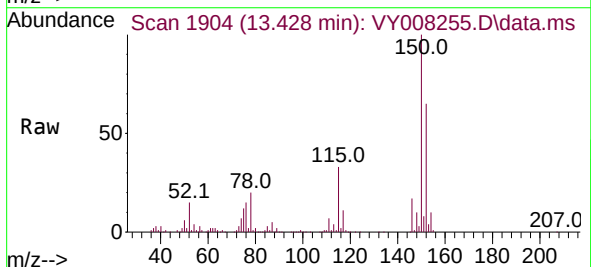
Tgt Ion:152 Resp: 116687

Ion Ratio Lower Upper

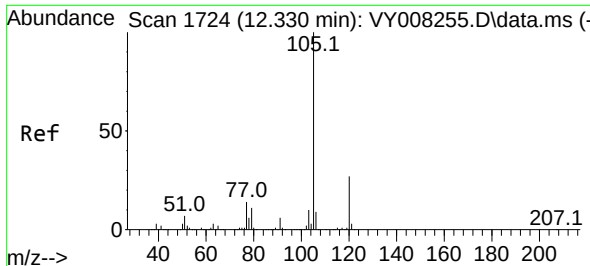
152 100

115 55.2 28.2 84.7

150 172.6 0.0 347.6



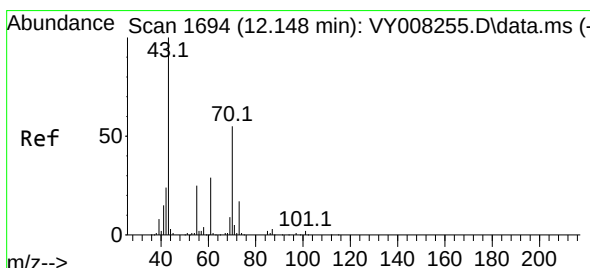
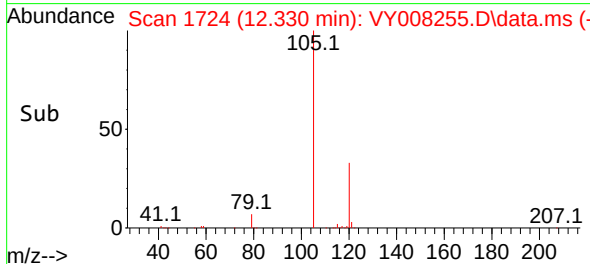
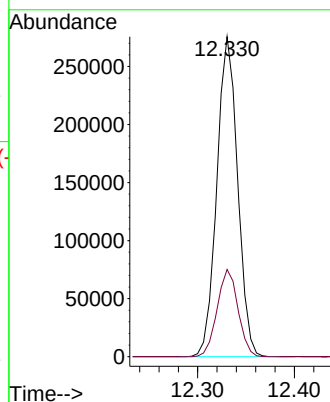
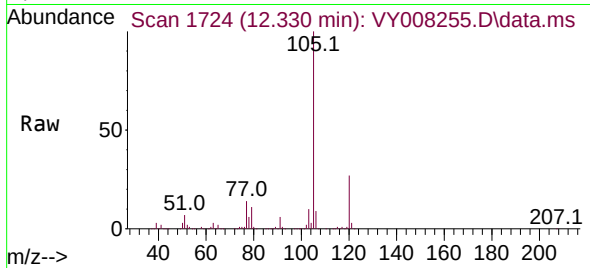




#73  
Isopropylbenzene  
Concen: 43.932 ug/l  
RT: 12.330 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

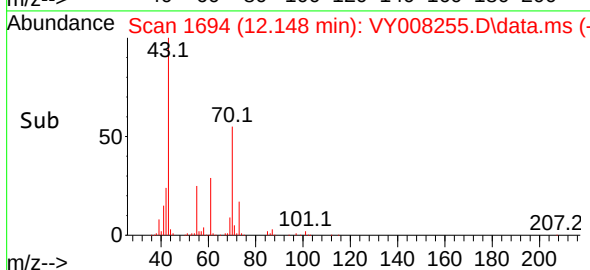
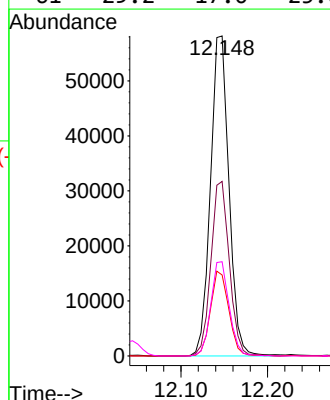
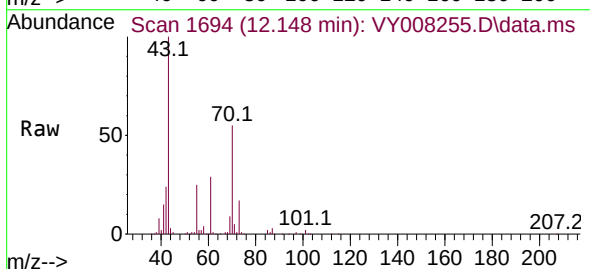
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

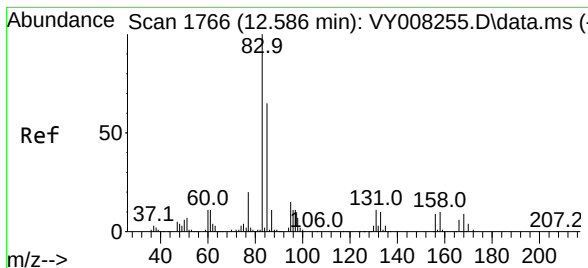
Tgt Ion:105 Resp: 410736  
Ion Ratio Lower Upper  
105 100  
120 27.3 13.4 40.2



#74  
N-ethyl acetate  
Concen: 42.266 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion: 43 Resp: 86337  
Ion Ratio Lower Upper  
43 100  
70 54.3 28.7 43.1#  
55 26.2 17.3 25.9#  
61 29.2 17.0 25.6#

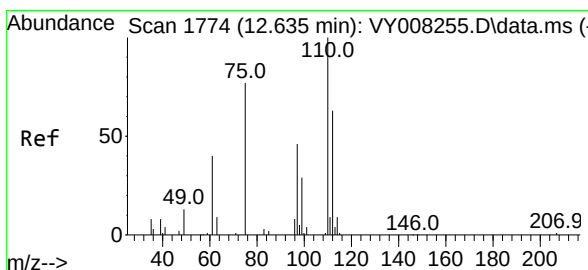
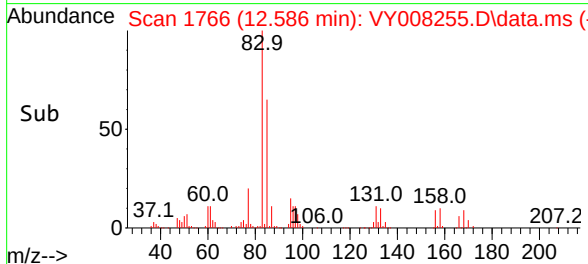
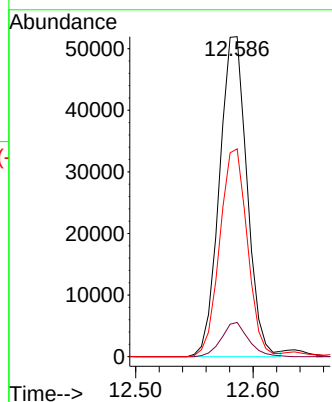
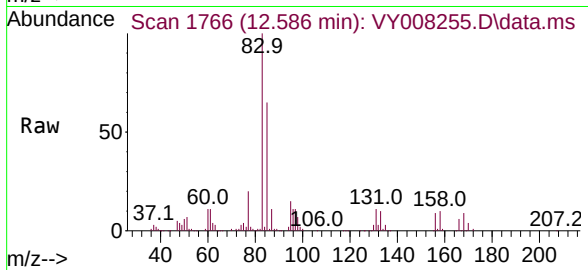




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 46.438 ug/l  
 RT: 12.586 min Scan# 1766  
 Delta R.T. 0.000 min  
 Lab File: VY008255.D  
 Acq: 08 Apr 2022 12:32

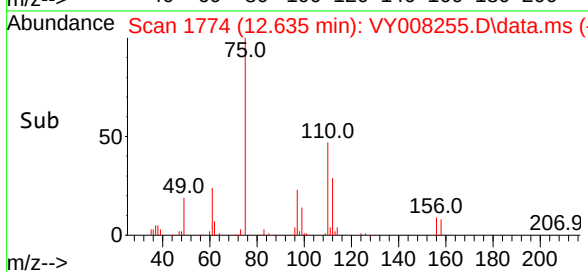
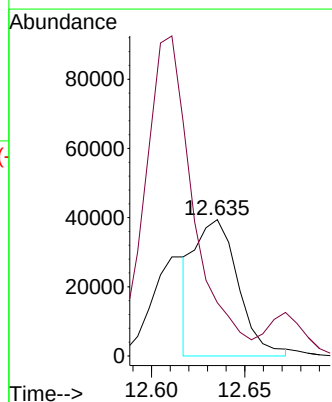
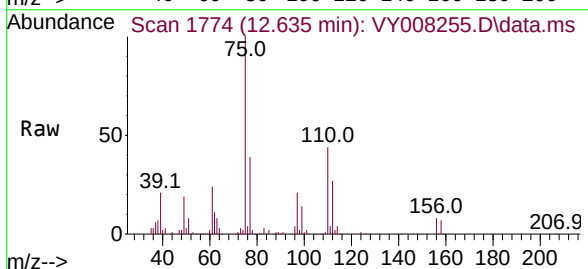
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

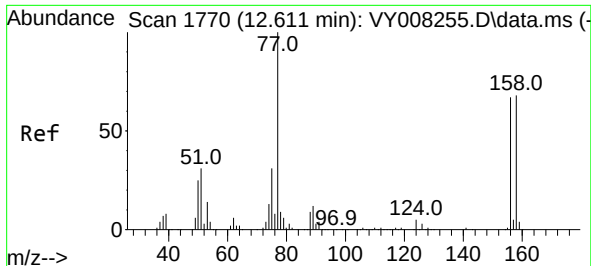
Tgt Ion: 83 Resp: 84896  
 Ion Ratio Lower Upper  
 83 100  
 131 10.5 5.6 16.8  
 85 65.0 32.3 96.8



#76  
 1,2,3-Trichloropropane  
 Concen: 45.540 ug/l m  
 RT: 12.635 min Scan# 1774  
 Delta R.T. 0.000 min  
 Lab File: VY008255.D  
 Acq: 08 Apr 2022 12:32

Tgt Ion: 75 Resp: 63847  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

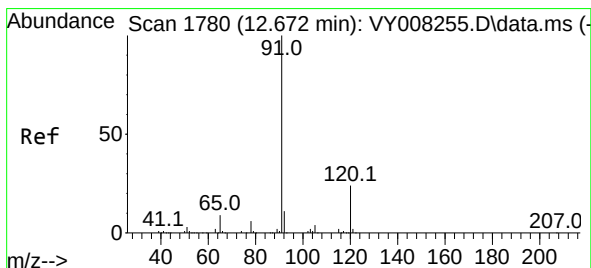
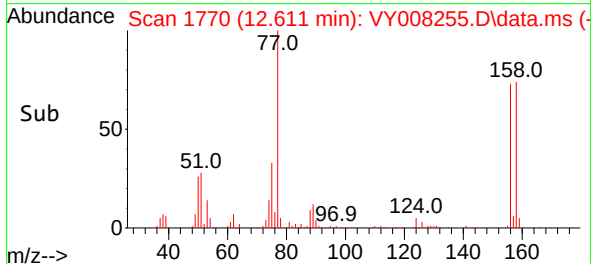
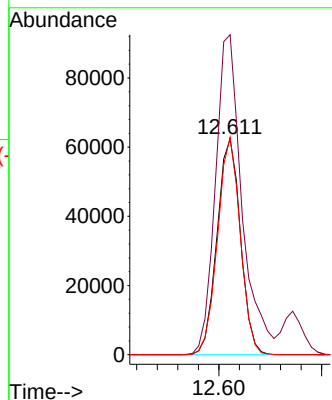
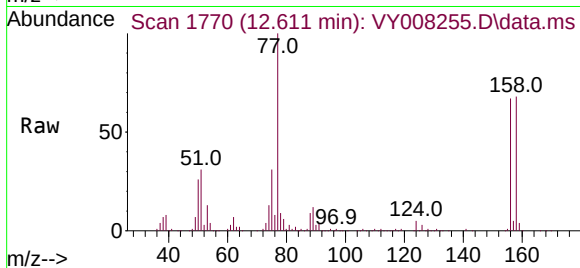




#77  
Bromobenzene  
Concen: 45.732 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

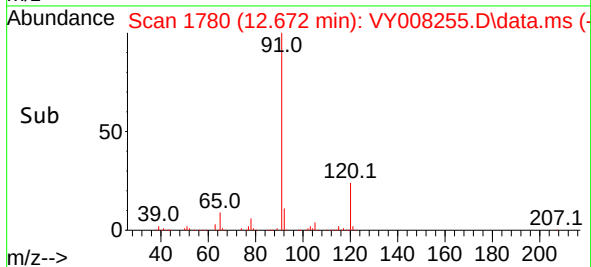
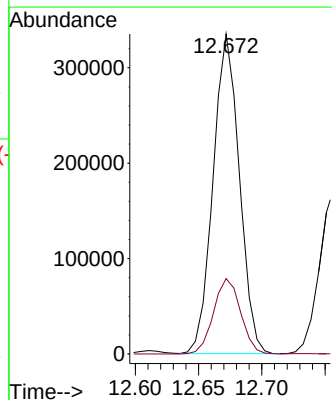
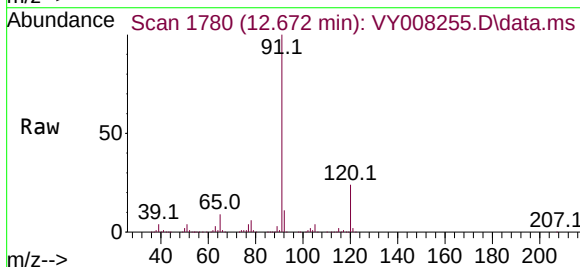
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

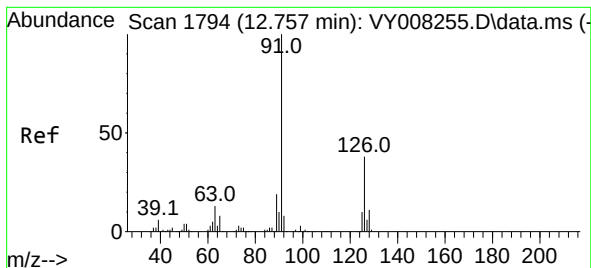
Tgt Ion:156 Resp: 98488  
Ion Ratio Lower Upper  
156 100  
77 168.5 95.5 286.4  
158 97.6 48.0 144.0



#78  
n-propylbenzene  
Concen: 43.815 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion: 91 Resp: 483913  
Ion Ratio Lower Upper  
91 100  
120 24.2 11.3 33.9





#79

2-Chlorotoluene

Concen: 43.758 ug/l

RT: 12.757 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008255.D

Acq: 08 Apr 2022 12:32

Instrument :

MSVOA\_Y

ClientSampleId :

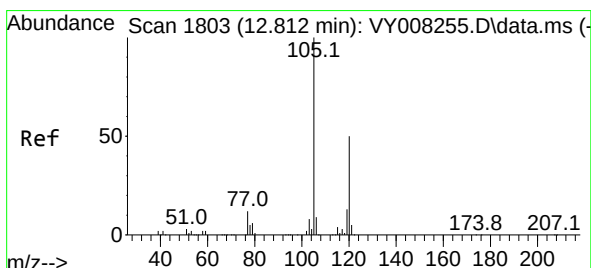
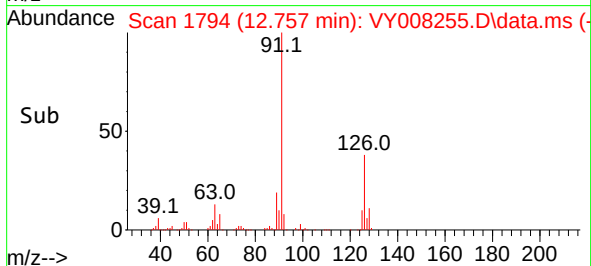
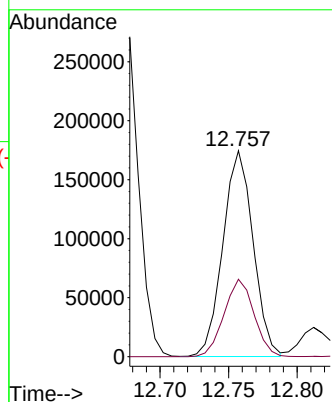
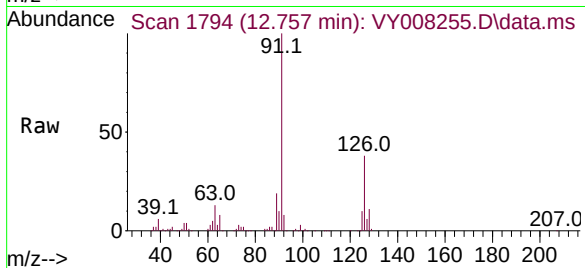
VSTDICCC050

Tgt Ion: 91 Resp: 267751

Ion Ratio Lower Upper

91 100

126 37.3 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 44.126 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY008255.D

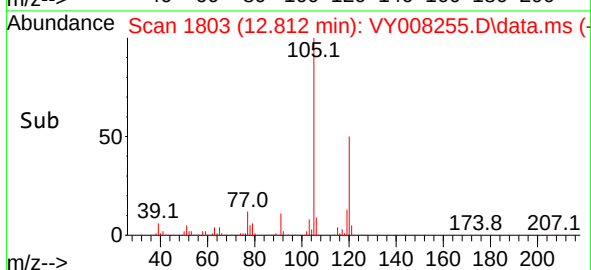
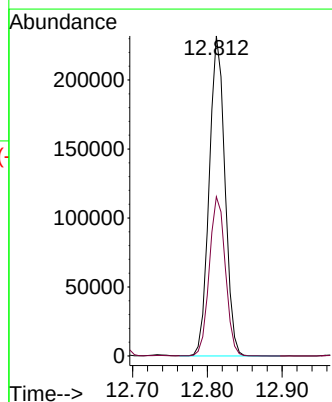
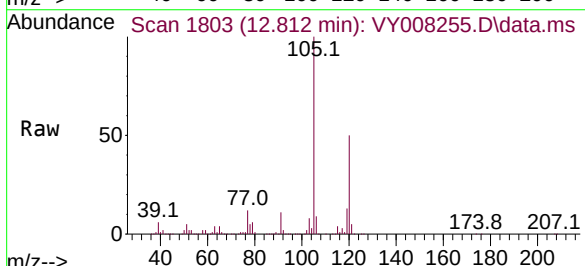
Acq: 08 Apr 2022 12:32

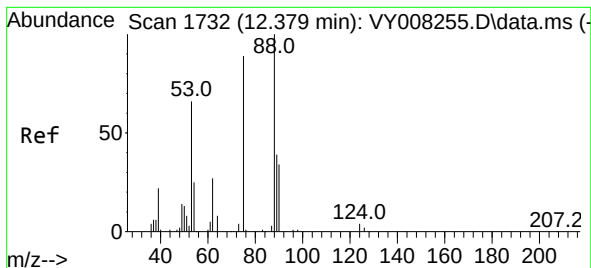
Tgt Ion: 105 Resp: 338079

Ion Ratio Lower Upper

105 100

120 50.7 24.4 73.4

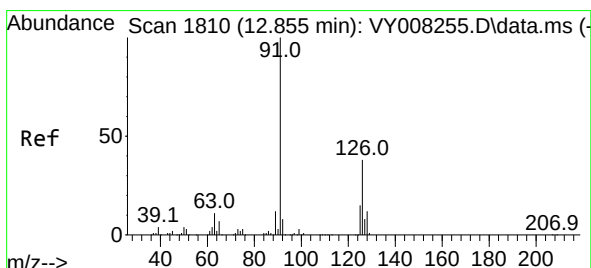
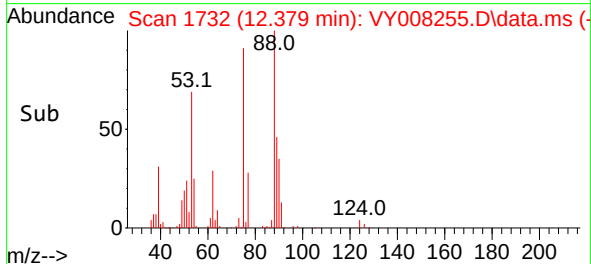
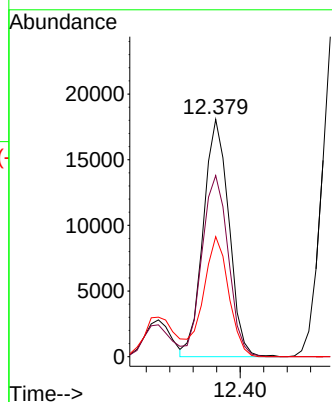
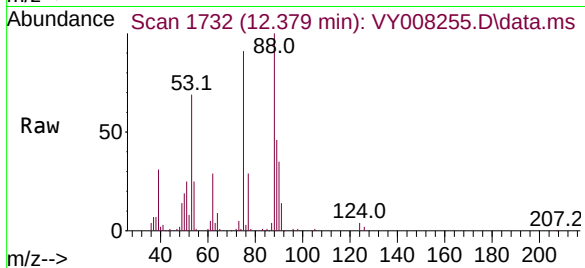




#81  
trans-1,4-Dichloro-2-butene  
Concen: 44.452 ug/l  
RT: 12.379 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

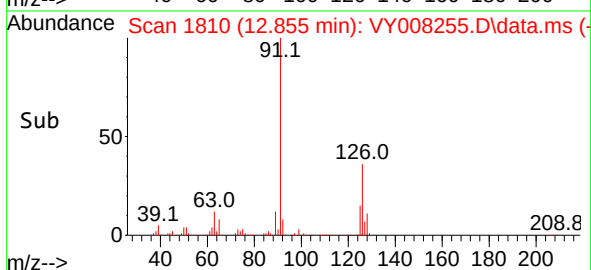
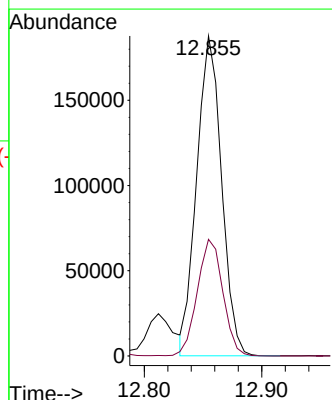
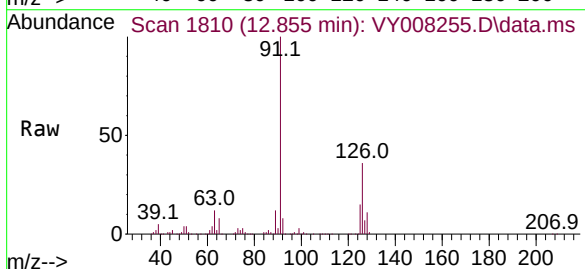
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

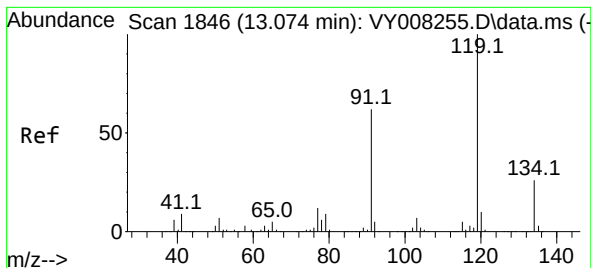
Tgt Ion: 75 Resp: 27362  
Ion Ratio Lower Upper  
75 100  
53 78.6 85.3 127.9#  
89 48.9 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 43.930 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion: 91 Resp: 275930  
Ion Ratio Lower Upper  
91 100  
126 37.6 17.0 51.0

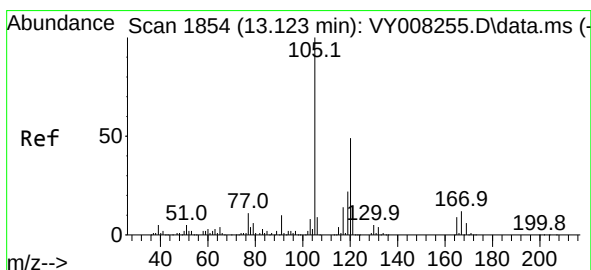
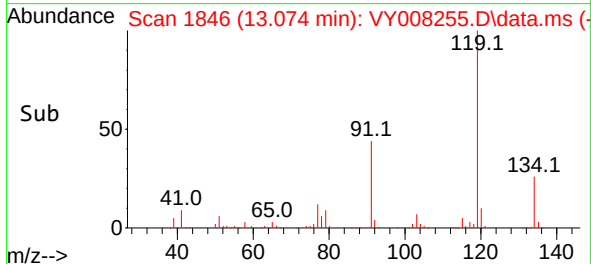
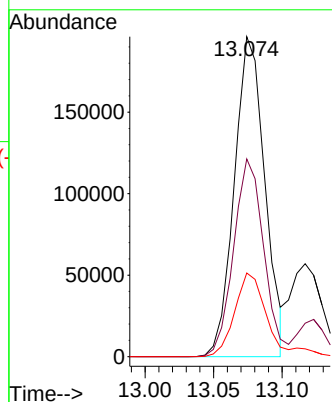
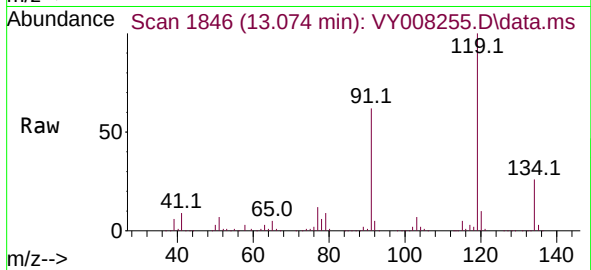




#83  
 tert-Butylbenzene  
 Concen: 44.632 ug/l  
 RT: 13.074 min Scan# 1846  
 Delta R.T. 0.000 min  
 Lab File: VY008255.D  
 Acq: 08 Apr 2022 12:32

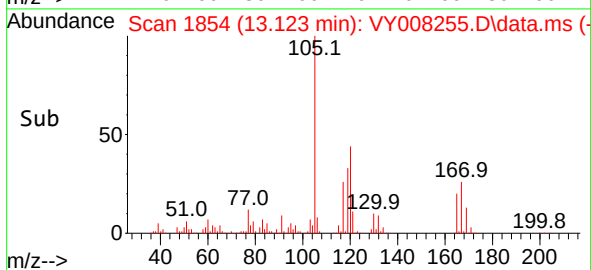
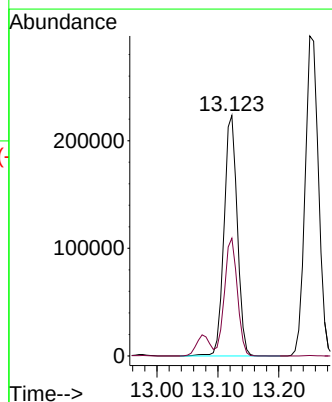
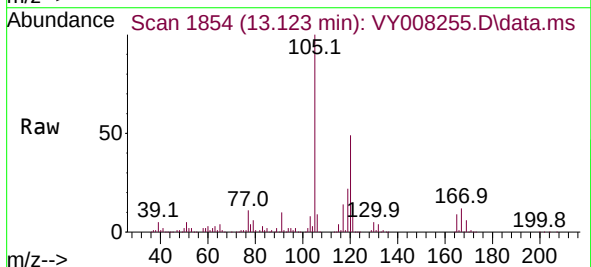
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

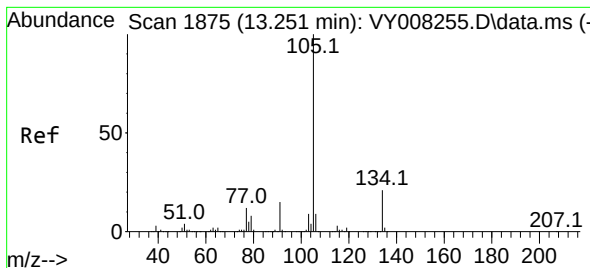
Tgt Ion:119 Resp: 304259  
 Ion Ratio Lower Upper  
 119 100  
 91 61.3 34.8 104.4  
 134 28.1 13.3 39.9



#84  
 1,2,4-Trimethylbenzene  
 Concen: 44.844 ug/l  
 RT: 13.123 min Scan# 1854  
 Delta R.T. 0.000 min  
 Lab File: VY008255.D  
 Acq: 08 Apr 2022 12:32

Tgt Ion:105 Resp: 335678  
 Ion Ratio Lower Upper  
 105 100  
 120 47.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 44.670 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY008255.D

Acq: 08 Apr 2022 12:32

Instrument :

MSVOA\_Y

ClientSampleId :

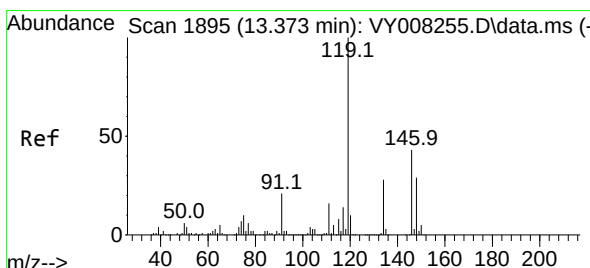
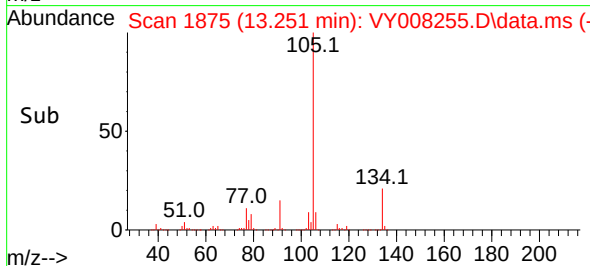
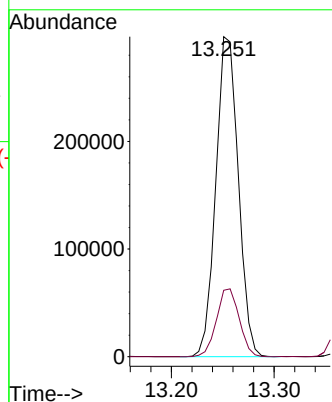
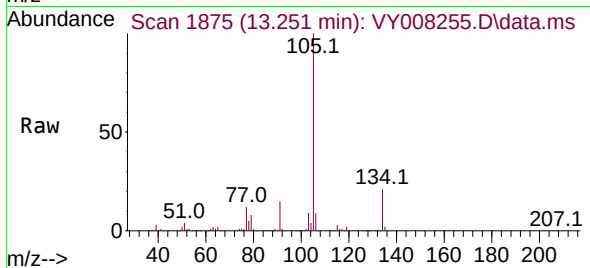
VSTDICCC050

Tgt Ion:105 Resp: 451083

Ion Ratio Lower Upper

105 100

134 21.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 45.505 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY008255.D

Acq: 08 Apr 2022 12:32

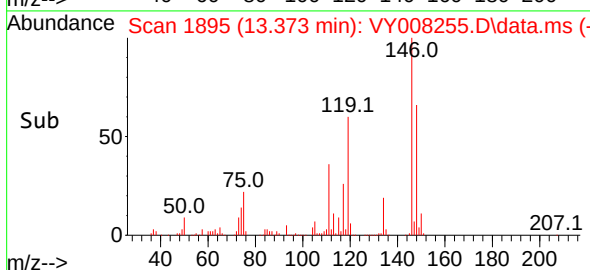
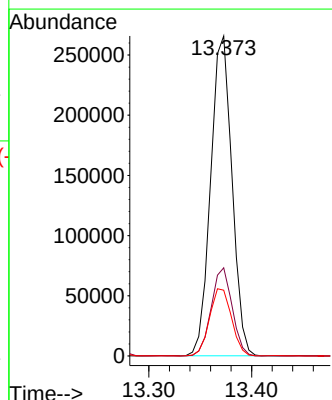
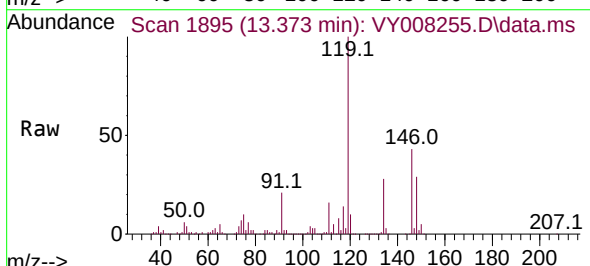
Tgt Ion:119 Resp: 382371

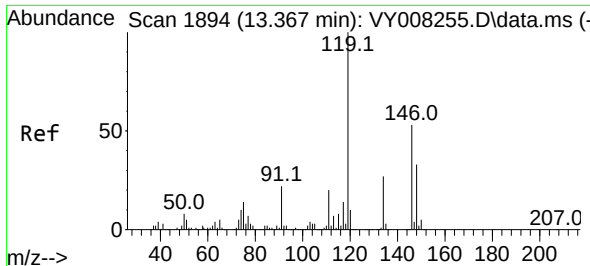
Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.5

91 21.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 47.038 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008255.D

Acq: 08 Apr 2022 12:32

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

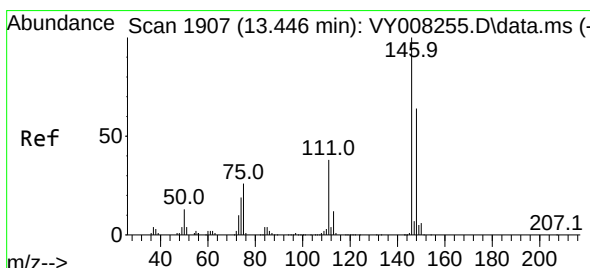
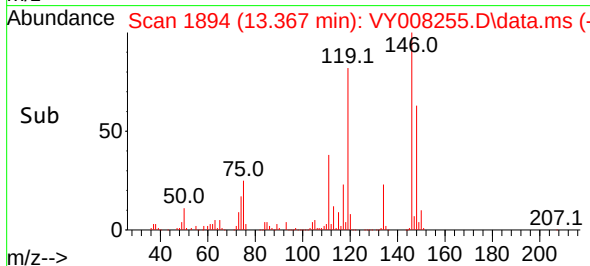
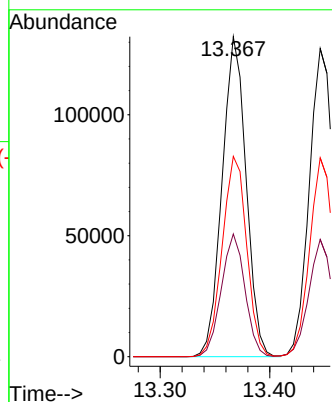
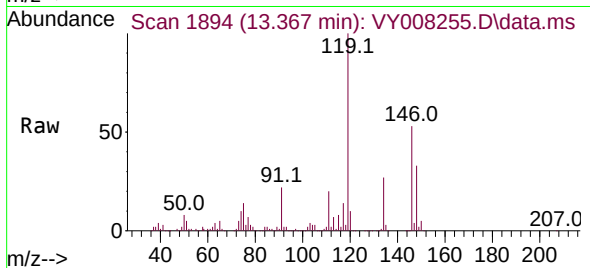
Tgt Ion:146 Resp: 201446

Ion Ratio Lower Upper

146 100

111 37.8 19.5 58.5

148 63.9 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 46.336 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY008255.D

Acq: 08 Apr 2022 12:32

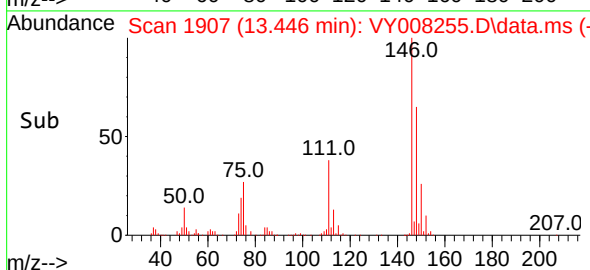
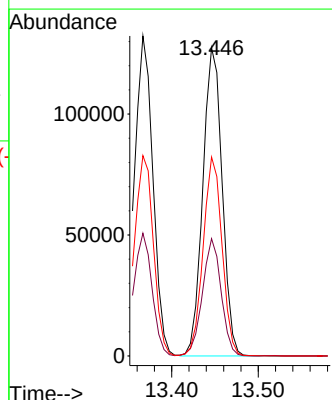
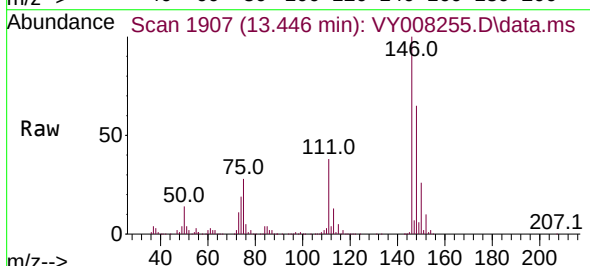
Tgt Ion:146 Resp: 197710

Ion Ratio Lower Upper

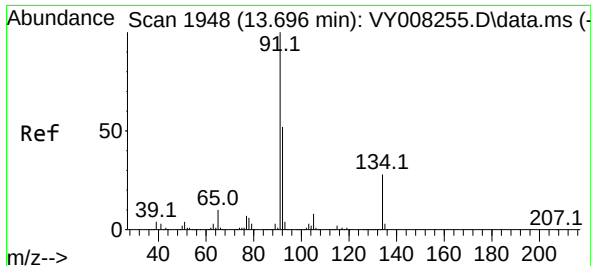
146 100

111 36.9 19.3 57.8

148 63.0 32.6 97.8



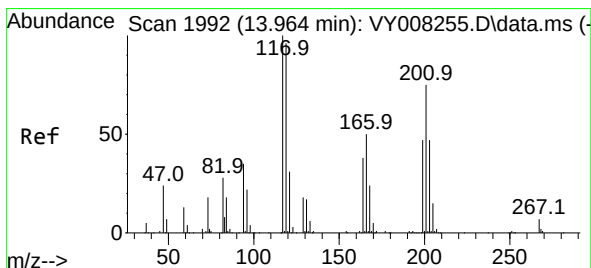
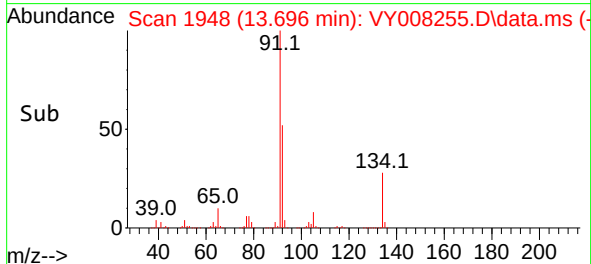
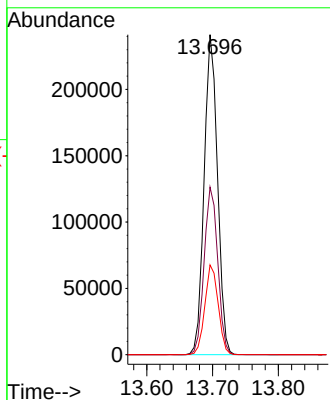
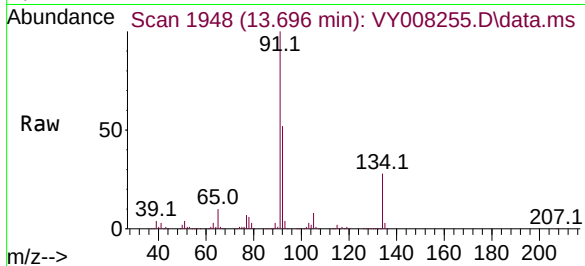




#89  
n-Butylbenzene  
Concen: 44.185 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

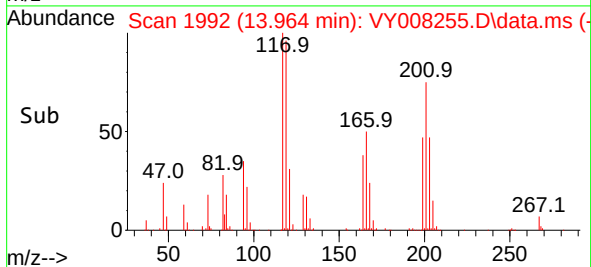
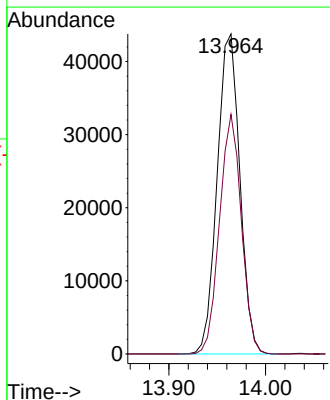
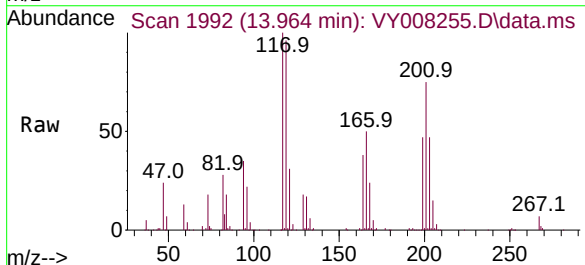
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

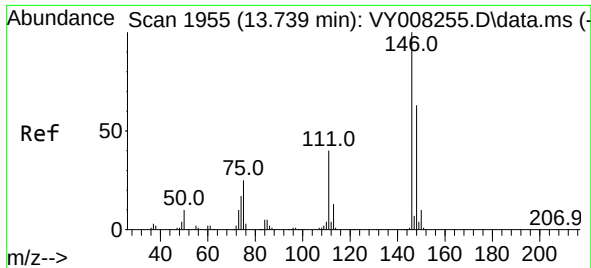
Tgt Ion: 91 Resp: 341511  
Ion Ratio Lower Upper  
91 100  
92 53.4 26.3 78.9  
134 28.0 13.0 38.9



#90  
Hexachloroethane  
Concen: 44.005 ug/l  
RT: 13.964 min Scan# 1992  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion: 117 Resp: 71292  
Ion Ratio Lower Upper  
117 100  
201 71.8 43.0 128.8

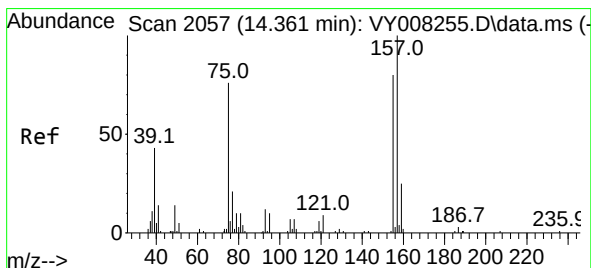
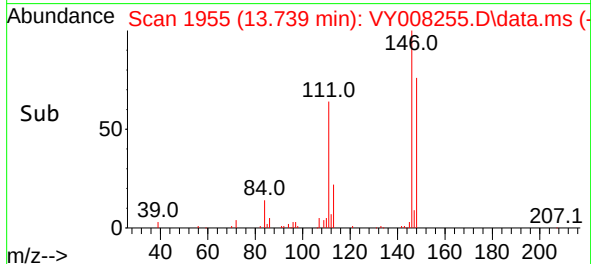
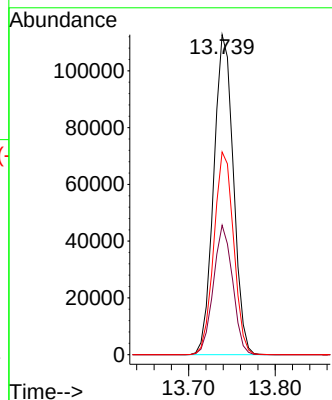
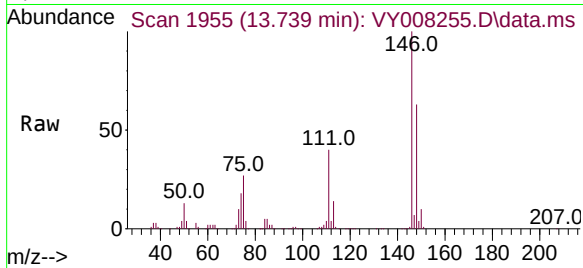




#91  
1,2-Dichlorobenzene  
Concen: 47.225 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

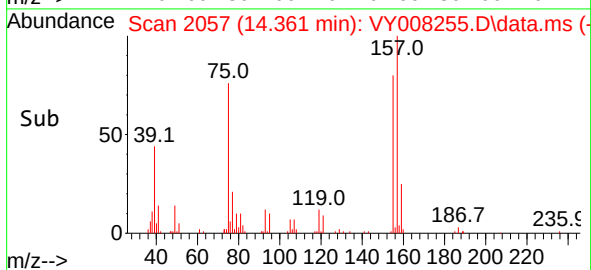
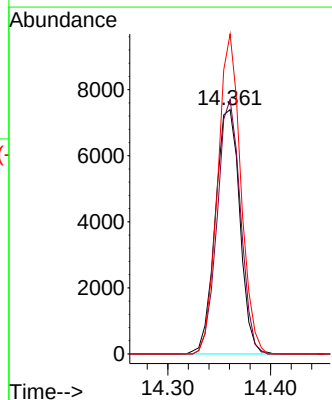
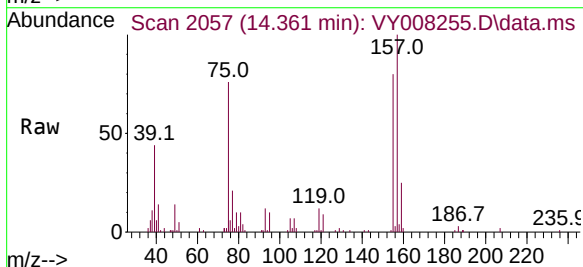
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

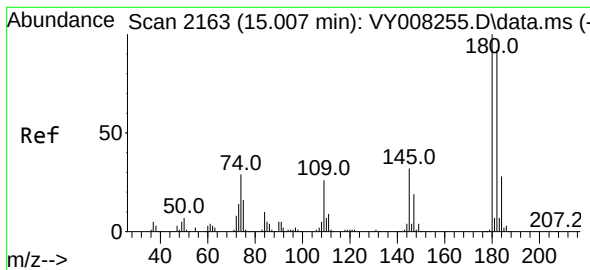
Tgt Ion:146 Resp: 177901  
Ion Ratio Lower Upper  
146 100  
111 39.4 20.3 60.9  
148 63.6 32.3 96.9



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 42.558 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Tgt Ion: 75 Resp: 12271  
Ion Ratio Lower Upper  
75 100  
155 98.2 38.0 113.9  
157 122.3 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 44.874 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008255.D

Acq: 08 Apr 2022 12:32

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

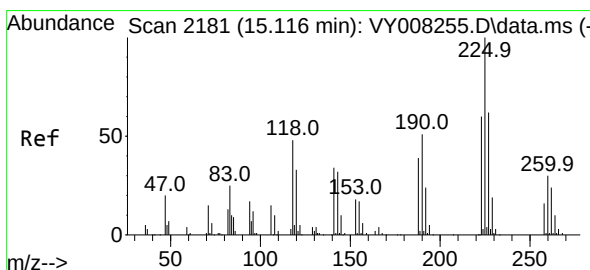
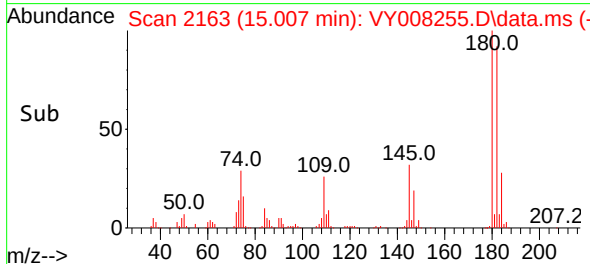
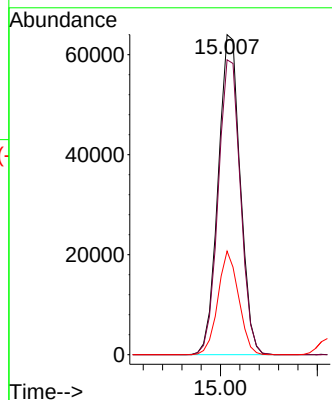
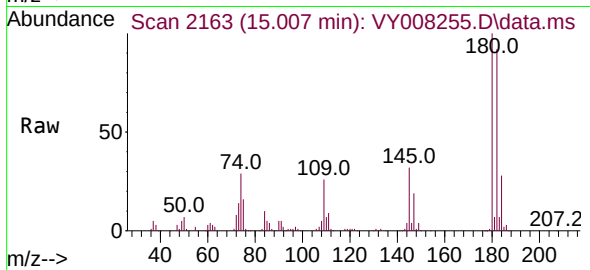
Tgt Ion:180 Resp: 101141

Ion Ratio Lower Upper

180 100

182 92.8 47.3 141.9

145 30.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 42.852 ug/l

RT: 15.116 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY008255.D

Acq: 08 Apr 2022 12:32

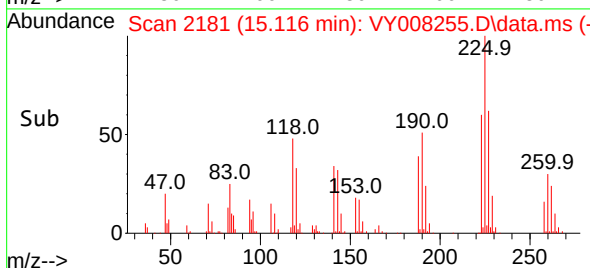
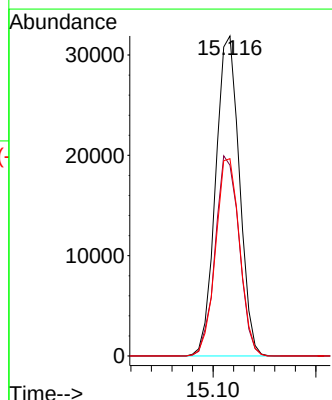
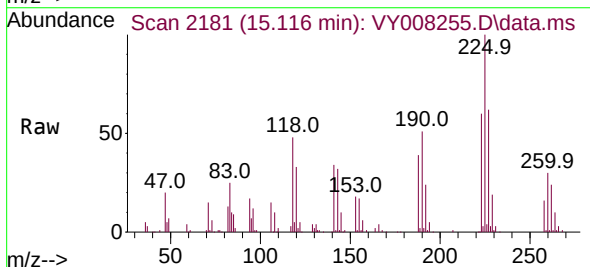
Tgt Ion:225 Resp: 51111

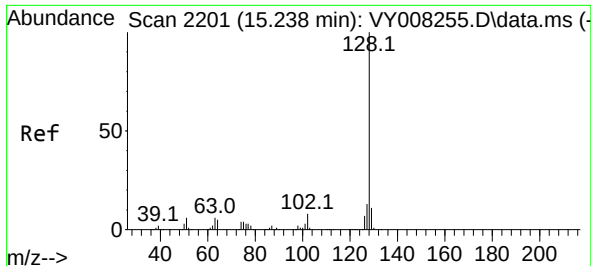
Ion Ratio Lower Upper

225 100

223 62.8 30.8 92.3

227 62.6 31.6 94.7

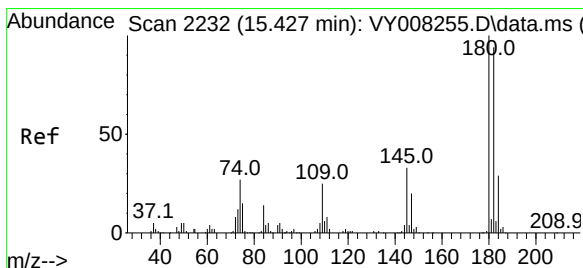
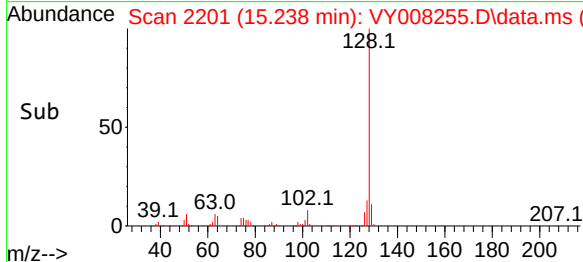
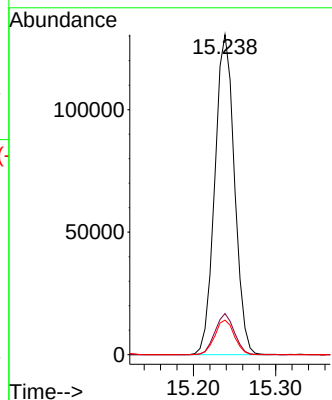
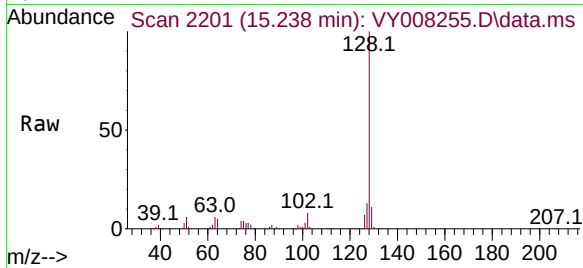




#95  
Naphthalene  
Concen: 43.881 ug/l  
RT: 15.238 min Scan# 2201  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 216599 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.7  | 11.0  | 16.4   |
| 129       | 10.8  | 8.4   | 12.6   |



#96  
1,2,3-Trichlorobenzene  
Concen: 44.876 ug/l  
RT: 15.427 min Scan# 2232  
Delta R.T. 0.000 min  
Lab File: VY008255.D  
Acq: 08 Apr 2022 12:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 87521 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 93.4  | 47.3  | 141.9 |
| 145       | 32.8  | 15.3  | 45.9  |

