

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY072622\  
 Data File : VY009711.D  
 Acq On : 26 Jul 2022 19:27  
 Operator : KP/MD  
 Sample : VSTDC0050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Jul 27 04:27:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y072622S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 27 04:24:58 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 203822   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 303135   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 273967   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 146417   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.130  | 65    | 69327    | 51.229   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 102.460% |      |
| 35) Dibromofluoromethane    | 7.710  | 113   | 78425    | 47.569   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 95.140%  |      |
| 50) Toluene-d8              | 10.173 | 98    | 240609   | 50.121   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 125 | Recovery | = 100.240% |      |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 107997   | 49.401   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 146 | Recovery | = 98.800%  |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 82289   | 45.350  | ug/l   | 99  |
| 3) Chloromethane             | 2.107 | 50  | 114692  | 51.624  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.241 | 62  | 126986  | 51.219  | ug/l   | 97  |
| 5) Bromomethane              | 2.637 | 94  | 88132   | 51.277  | ug/l   | 96  |
| 6) Chloroethane              | 2.778 | 64  | 77962   | 52.565  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.113 | 101 | 161549  | 49.326  | ug/l   | 96  |
| 8) Diethyl Ether             | 3.521 | 74  | 52644   | 49.590  | ug/l   | 84  |
| 9) 1,1,2-Trichlorotrifluo... | 3.881 | 101 | 90607   | 48.922  | ug/l   | 95  |
| 10) Methyl Iodide            | 4.076 | 142 | 122932  | 51.156  | ug/l # | 88  |
| 11) Tert butyl alcohol       | 4.948 | 59  | 45023   | 224.454 | ug/l # | 94  |
| 12) 1,1-Dichloroethene       | 3.857 | 96  | 87240   | 50.104  | ug/l   | 84  |
| 13) Acrolein                 | 3.723 | 56  | 7743    | 241.966 | ug/l   | 98  |
| 14) Allyl chloride           | 4.466 | 41  | 138588  | 50.624  | ug/l # | 91  |
| 15) Acrylonitrile            | 5.155 | 53  | 133440  | 260.992 | ug/l   | 98  |
| 16) Acetone                  | 3.936 | 43  | 99590   | 204.359 | ug/l   | 92  |
| 17) Carbon Disulfide         | 4.180 | 76  | 276130  | 51.544  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.466 | 43  | 63394   | 50.510  | ug/l # | 91  |
| 19) Methyl tert-butyl Ether  | 5.210 | 73  | 246177  | 51.775  | ug/l   | 97  |
| 20) Methylene Chloride       | 4.704 | 84  | 150476  | 67.760  | ug/l   | 86  |
| 21) trans-1,2-Dichloroethene | 5.204 | 96  | 102467  | 50.646  | ug/l   | 90  |
| 22) Diisopropyl ether        | 6.106 | 45  | 307595  | 52.759  | ug/l   | 95  |
| 23) Vinyl Acetate            | 6.045 | 43  | 1010110 | 257.310 | ug/l # | 94  |
| 24) 1,1-Dichloroethane       | 6.003 | 63  | 172974  | 51.195  | ug/l   | 97  |
| 25) 2-Butanone               | 6.978 | 43  | 174577  | 242.834 | ug/l # | 87  |
| 26) 2,2-Dichloropropane      | 6.972 | 77  | 142880  | 44.483  | ug/l   | 93  |
| 27) cis-1,2-Dichloroethene   | 6.978 | 96  | 116308  | 51.249  | ug/l   | 86  |
| 28) Bromochloromethane       | 7.326 | 49  | 64468   | 52.930  | ug/l # | 81  |
| 29) Tetrahydrofuran          | 7.338 | 42  | 123203  | 270.619 | ug/l   | 90  |
| 30) Chloroform               | 7.496 | 83  | 179240  | 50.710  | ug/l   | 99  |
| 31) Cyclohexane              | 7.777 | 56  | 157323  | 48.512  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 7.691 | 97  | 159588  | 50.300  | ug/l   | 95  |
| 36) 1,1-Dichloropropene      | 7.911 | 75  | 138552  | 51.647  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.063 | 43  | 82593   | 51.945  | ug/l   | 95  |
| 38) Carbon Tetrachloride     | 7.893 | 117 | 145327  | 50.556  | ug/l   | 100 |
| 39) Methylcyclohexane        | 9.179 | 83  | 173337  | 52.161  | ug/l   | 90  |
| 40) Benzene                  | 8.155 | 78  | 410499  | 51.643  | ug/l   | 95  |

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 Acq On : 26 Jul 2022 19:27  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jul 27 04:27:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y072622S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 27 04:24:58 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.338  | 41   | 111748   | 137.947 | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 114925   | 51.859  | ug/l   | 91       |
| 43) Isopropyl Acetate         | 8.264  | 43   | 149536   | 53.830  | ug/l # | 93       |
| 44) Trichloroethene           | 8.935  | 130  | 114977   | 50.424  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 101003   | 52.335  | ug/l   | 98       |
| 46) Dibromomethane            | 9.301  | 93   | 60665    | 52.835  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.490  | 83   | 138493   | 52.503  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.289  | 41   | 66646    | 54.559  | ug/l # | 86       |
| 49) 1,4-Dioxane               | 9.289  | 88   | 14630    | 885.108 | ug/l # | 82       |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43   | 407846   | 288.603 | ug/l   | 92       |
| 52) Toluene                   | 10.240 | 92   | 266367   | 53.500  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 144422   | 53.017  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 162898   | 52.067  | ug/l # | 86       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 84539    | 52.073  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 115531   | 57.121  | ug/l # | 83       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 143212   | 54.240  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 278232   | 266.499 | ug/l   | 95       |
| 59) 2-Hexanone                | 10.831 | 43   | 281384   | 279.392 | ug/l   | 89       |
| 60) Dibromochloromethane      | 10.983 | 129  | 104533   | 53.235  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 84010    | 53.124  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.715 | 164  | 111969   | 51.834  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.514 | 112  | 274375   | 49.908  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 106272   | 51.946  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.587 | 91   | 485382   | 51.079  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.697 | 106  | 386872   | 102.560 | ug/l   | 90       |
| 69) o-Xylene                  | 12.026 | 106  | 182652   | 51.778  | ug/l   | 90       |
| 70) Styrene                   | 12.038 | 104  | 311350   | 52.515  | ug/l   | 94       |
| 71) Bromoform                 | 12.203 | 173  | 69618    | 53.290  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.325 | 105  | 476163   | 48.921  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 123832   | 49.256  | ug/l # | 89       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 93138    | 48.649  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 122618   | 90.160  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 120387   | 49.803  | ug/l   | 87       |
| 78) n-propylbenzene           | 12.666 | 91   | 569951   | 49.275  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.751 | 91   | 318943   | 48.722  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene    | 12.806 | 105  | 403104   | 49.971  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.373 | 75   | 32249    | 47.266  | ug/l   | 87       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 329359   | 48.365  | ug/l   | 94       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 363834   | 50.189  | ug/l   | 91       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 409215   | 50.330  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 543419   | 51.056  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 462084   | 51.330  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 245350   | 50.269  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 242901   | 49.420  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.696 | 91   | 419959   | 50.920  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.959 | 117  | 86606    | 48.907  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.733 | 146  | 217639   | 49.930  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 16068    | 49.946  | ug/l   | 70       |
| 93) 1,2,4-Trichlorobenzene    | 15.001 | 180  | 134875   | 49.025  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 80826    | 48.523  | ug/l   | 100      |
| 95) Naphthalene               | 15.233 | 128  | 274051   | 53.143  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 118815   | 49.378  | ug/l   | 100      |

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Operator : KP/MD  
Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 22 Sample Multiplier: 1

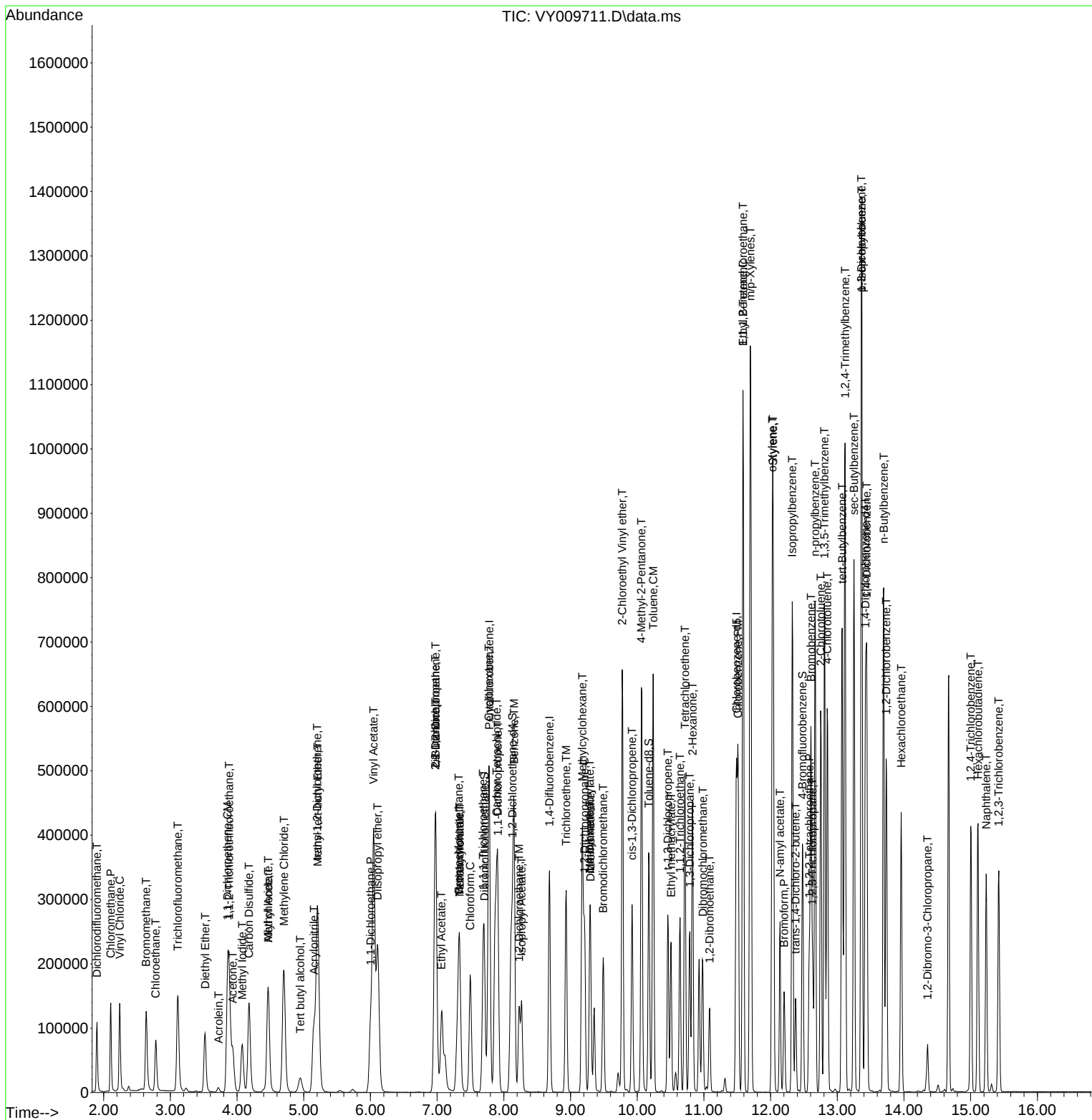
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

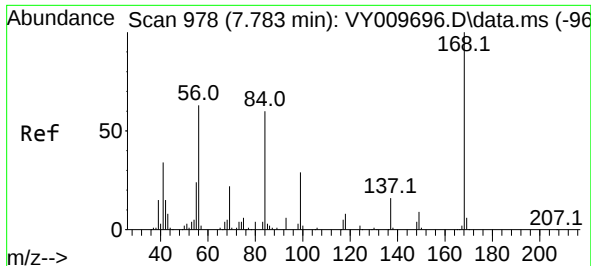
Quant Time: Jul 27 04:27:54 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y072622S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jul 27 04:24:58 2022  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y072622S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jul 27 04:24:58 2022  
Response via : Initial Calibration

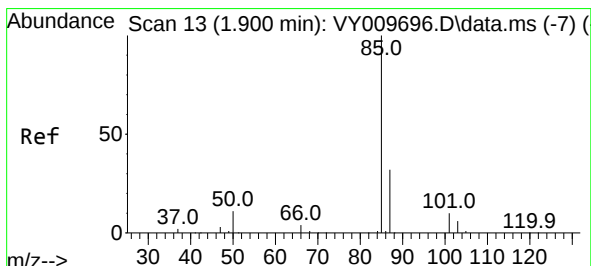
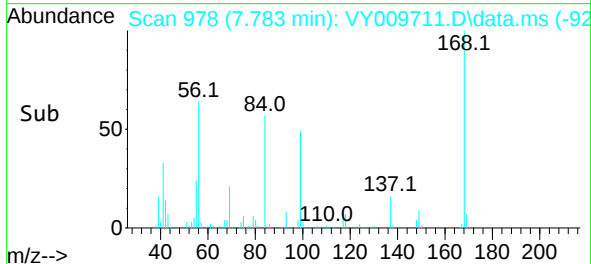
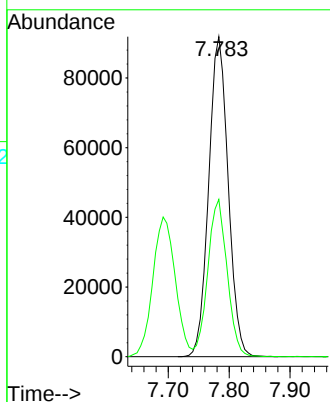
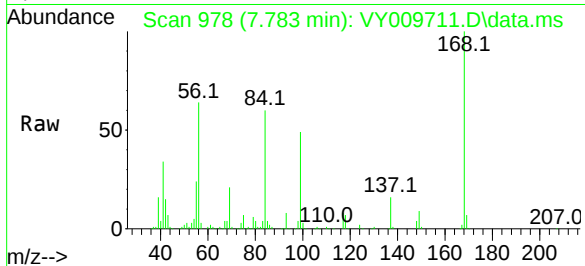




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

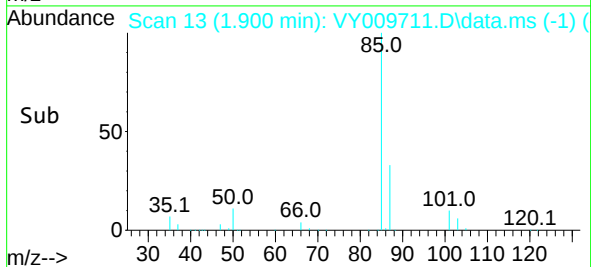
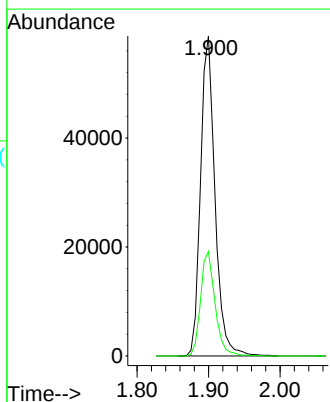
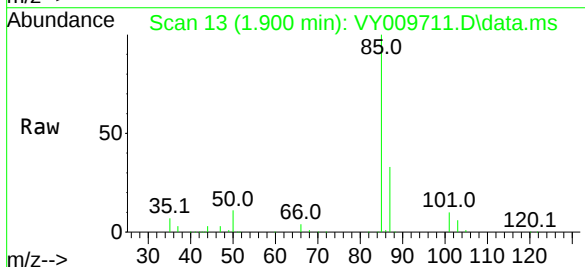
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

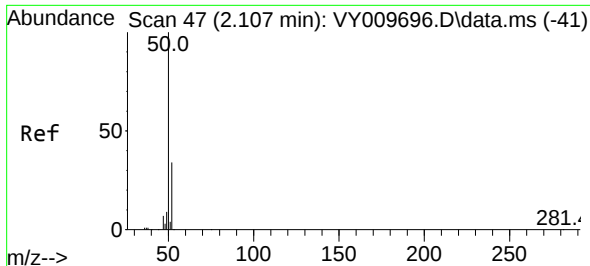
Tgt Ion:168 Resp: 203822  
Ion Ratio Lower Upper  
168 100  
99 49.1 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 45.350 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion: 85 Resp: 82289  
Ion Ratio Lower Upper  
85 100  
87 32.7 16.1 48.2

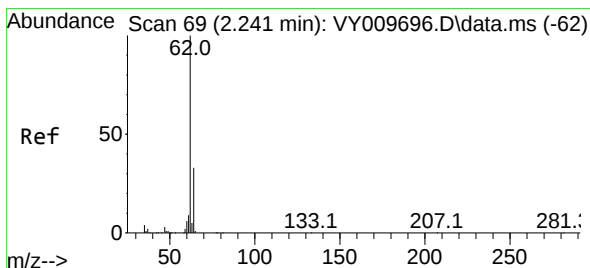
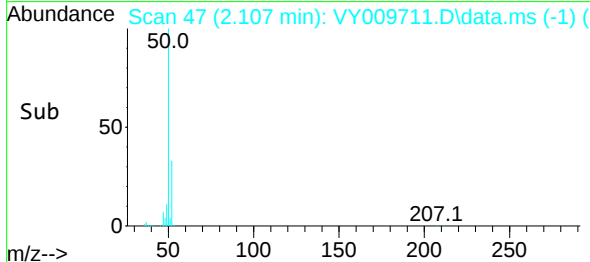
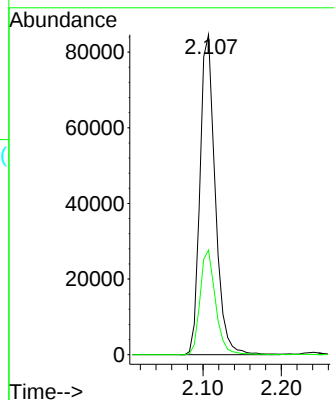
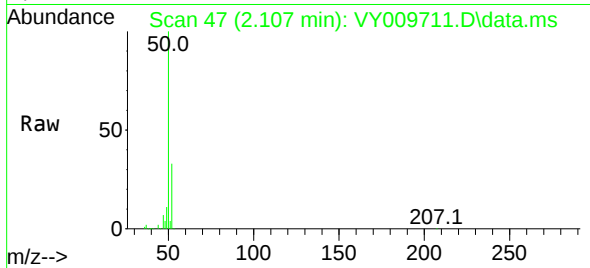




#3  
Chloromethane  
Concen: 51.624 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

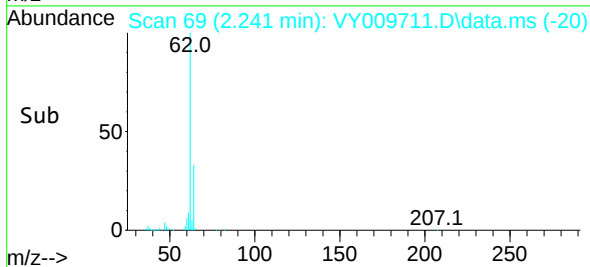
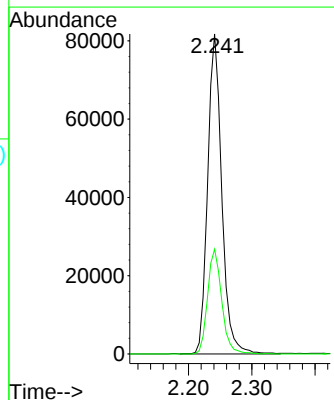
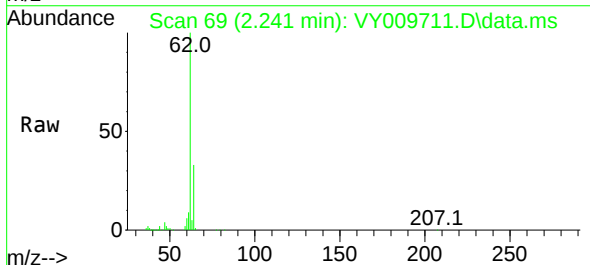
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

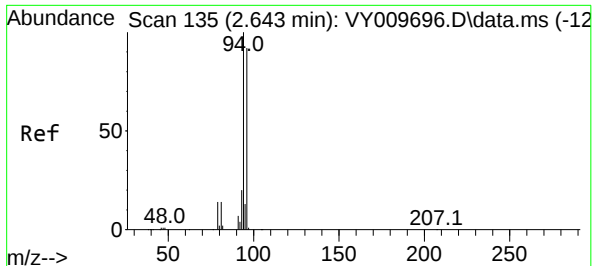
Tgt Ion: 50 Resp: 114692  
Ion Ratio Lower Upper  
50 100  
52 32.7 24.6 37.0



#4  
Vinyl Chloride  
Concen: 51.219 ug/l  
RT: 2.241 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion: 62 Resp: 126986  
Ion Ratio Lower Upper  
62 100  
64 32.8 25.0 37.6

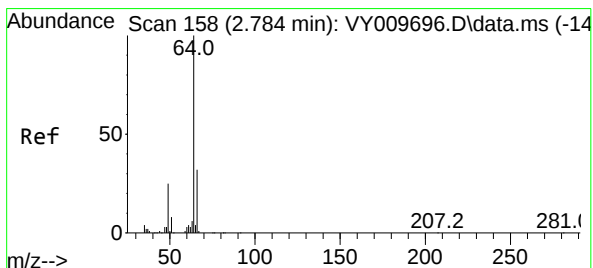
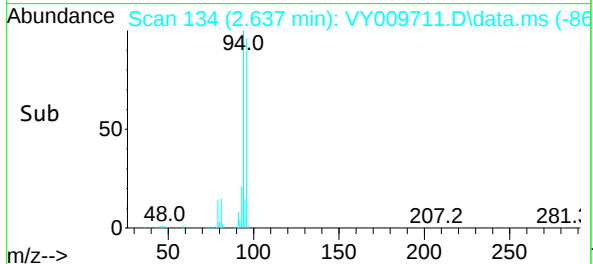
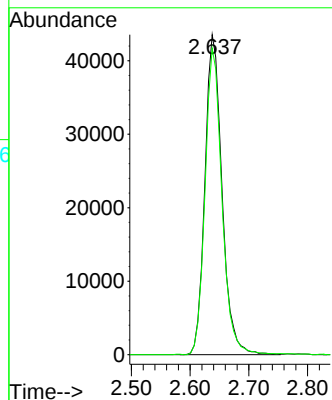
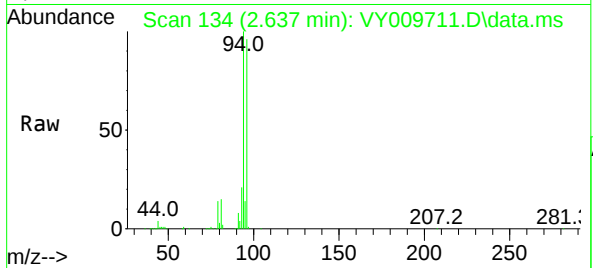




#5  
Bromomethane  
Concen: 51.277 ug/l  
RT: 2.637 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

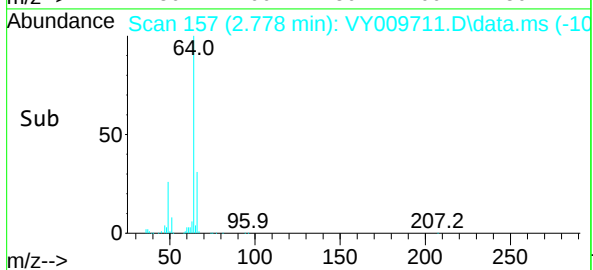
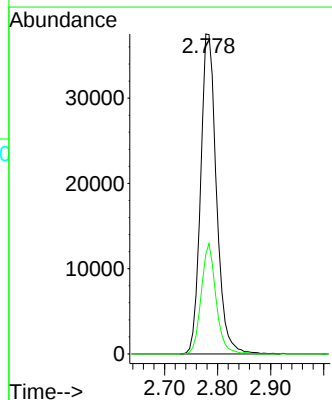
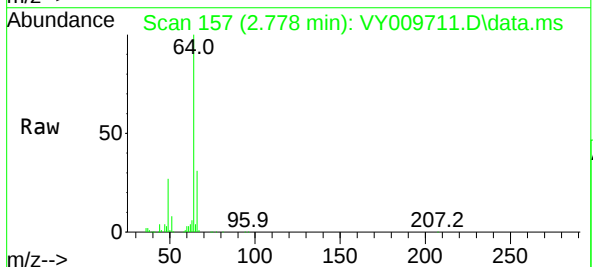
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

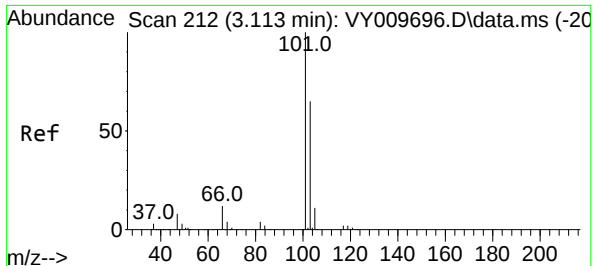
Tgt Ion: 94 Resp: 88132  
Ion Ratio Lower Upper  
94 100  
96 95.5 73.5 110.3



#6  
Chloroethane  
Concen: 52.565 ug/l  
RT: 2.778 min Scan# 157  
Delta R.T. -0.006 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion: 64 Resp: 77962  
Ion Ratio Lower Upper  
64 100  
66 31.2 25.4 38.0

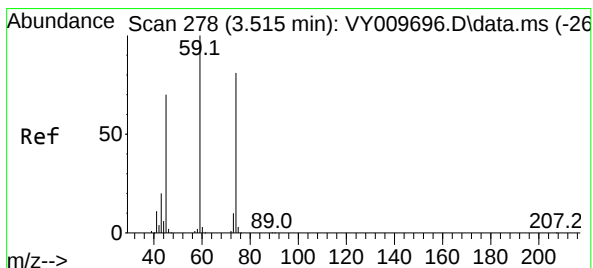
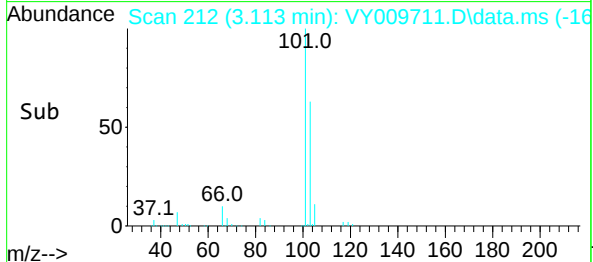
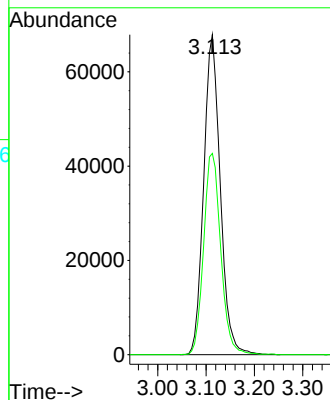
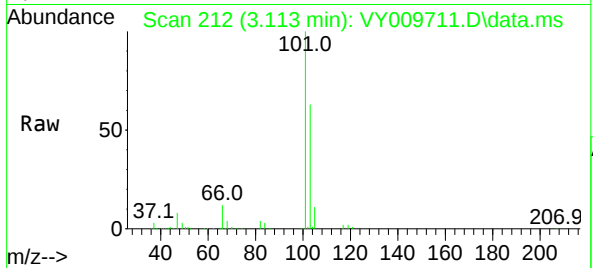




#7  
 Trichlorofluoromethane  
 Concen: 49.326 ug/l  
 RT: 3.113 min Scan# 212  
 Delta R.T. -0.000 min  
 Lab File: VY009711.D  
 Acq: 26 Jul 2022 19:27

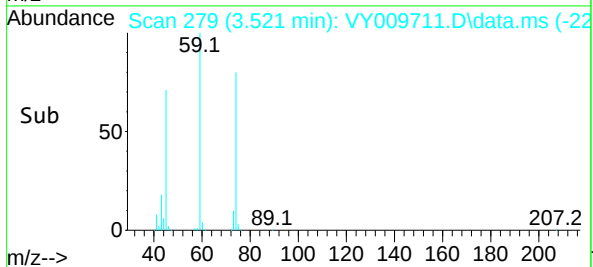
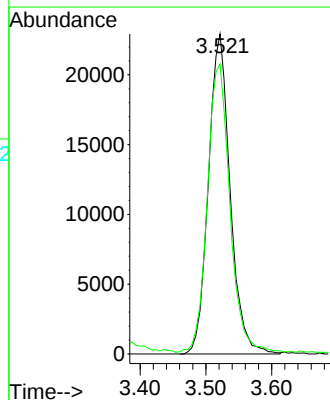
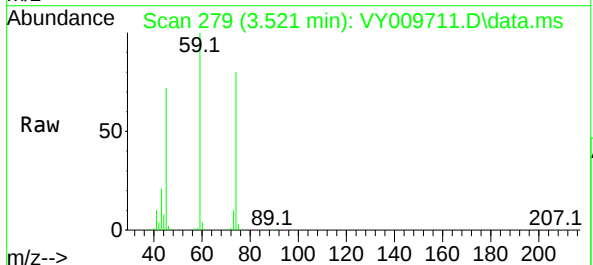
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

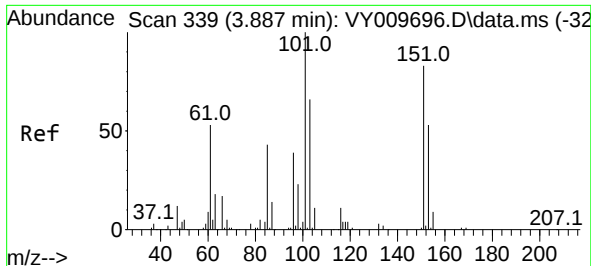
Tgt Ion:101 Resp: 161549  
 Ion Ratio Lower Upper  
 101 100  
 103 62.9 48.0 72.0



#8  
 Diethyl Ether  
 Concen: 49.590 ug/l  
 RT: 3.521 min Scan# 279  
 Delta R.T. 0.006 min  
 Lab File: VY009711.D  
 Acq: 26 Jul 2022 19:27

Tgt Ion: 74 Resp: 52644  
 Ion Ratio Lower Upper  
 74 100  
 45 93.5 55.1 165.5

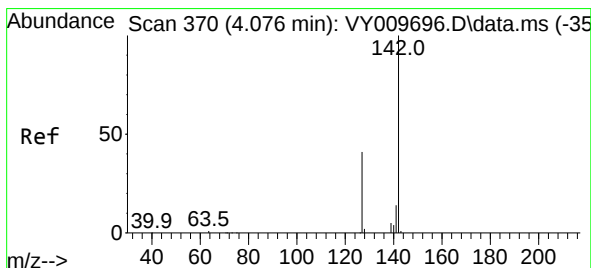
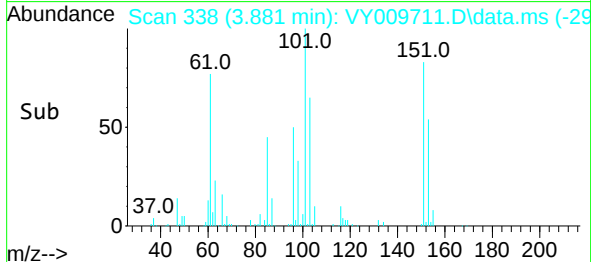
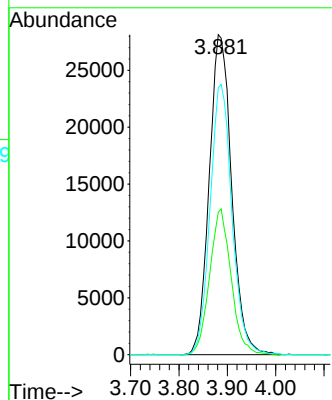
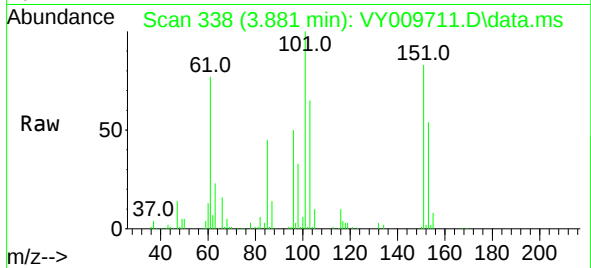




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.922 ug/l  
RT: 3.881 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

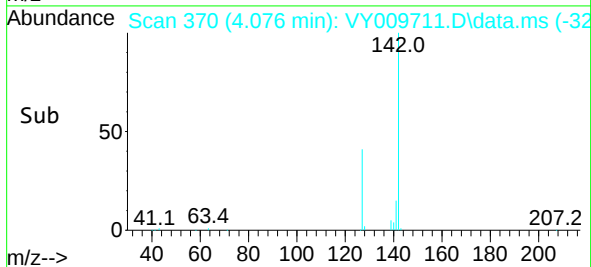
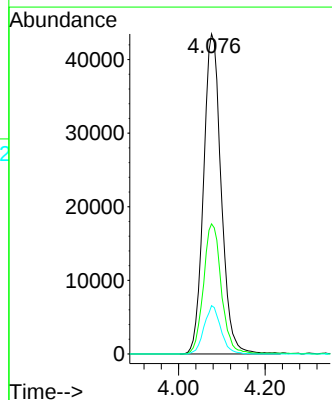
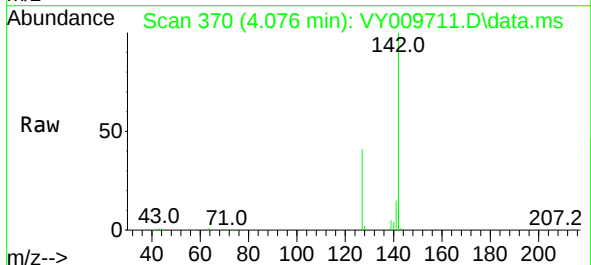
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

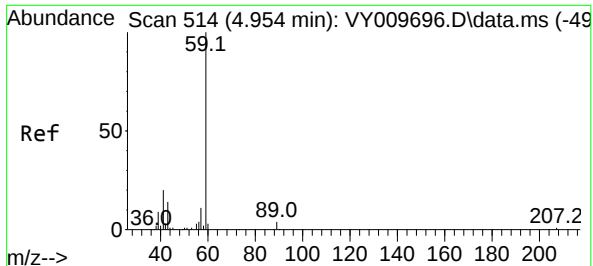
Tgt Ion:101 Resp: 90607  
Ion Ratio Lower Upper  
101 100  
85 43.7 40.6 60.8  
151 82.7 64.9 97.3



#10  
Methyl Iodide  
Concen: 51.156 ug/l  
RT: 4.076 min Scan# 370  
Delta R.T. 0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion:142 Resp: 122932  
Ion Ratio Lower Upper  
142 100  
127 41.1 41.5 62.3#  
141 14.3 11.9 17.9

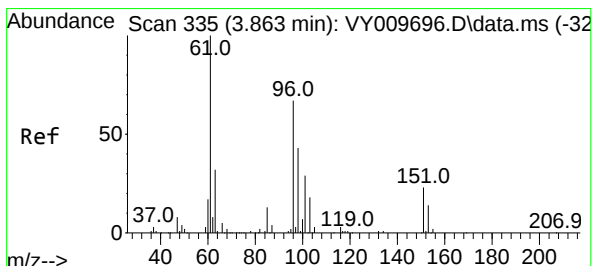
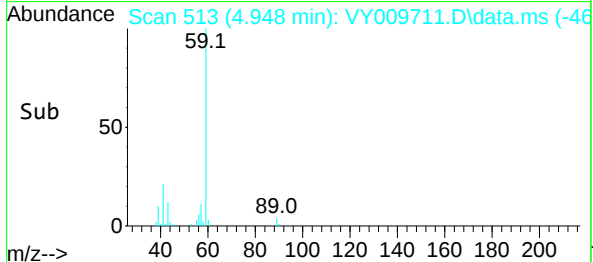
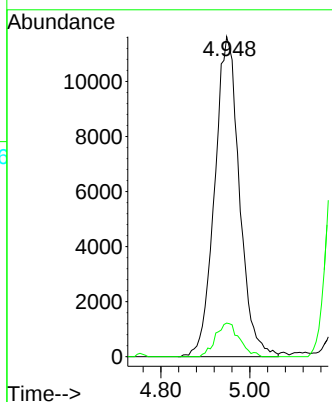
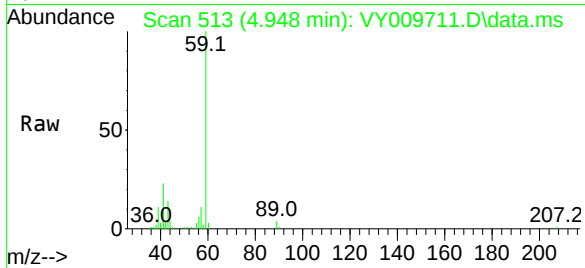




#11  
Tert butyl alcohol  
Concen: 224.454 ug/l  
RT: 4.948 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

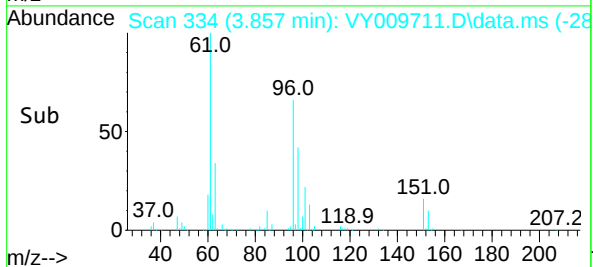
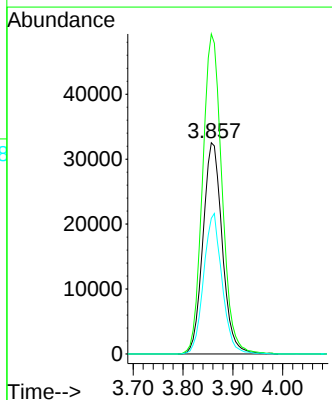
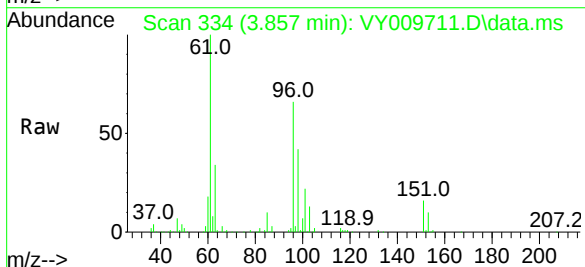
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

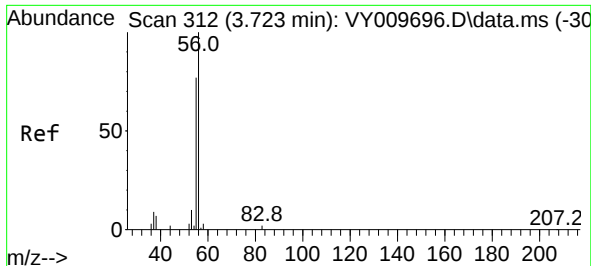
Tgt Ion: 59 Resp: 45023  
Ion Ratio Lower Upper  
59 100  
57 10.1 6.4 9.6#



#12  
1,1-Dichloroethene  
Concen: 50.104 ug/l  
RT: 3.857 min Scan# 334  
Delta R.T. -0.006 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion: 96 Resp: 87240  
Ion Ratio Lower Upper  
96 100  
61 151.6 145.8 218.6  
98 64.2 52.5 78.7

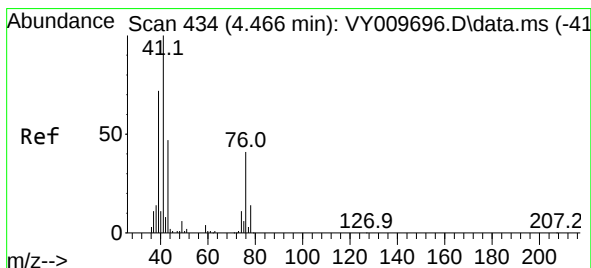
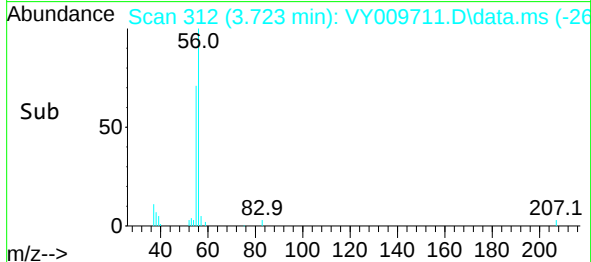
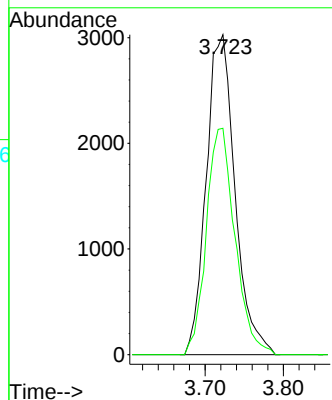
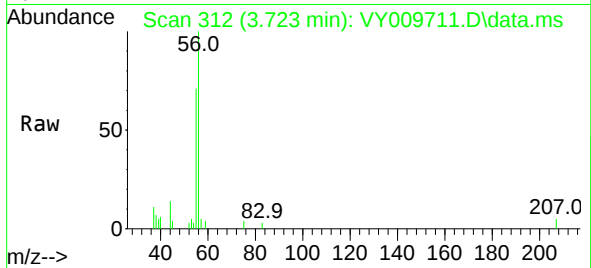




#13  
Acrolein  
Concen: 241.966 ug/l  
RT: 3.723 min Scan# 312  
Delta R.T. -0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

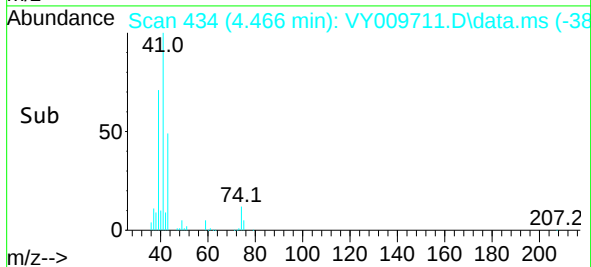
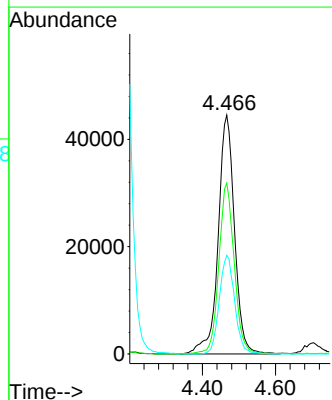
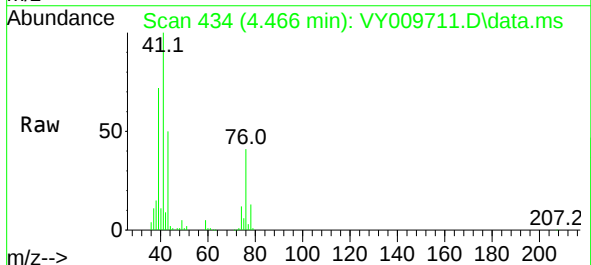
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

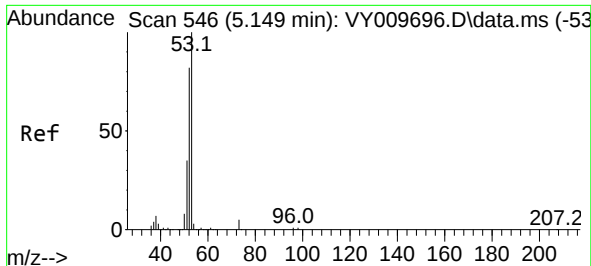
Tgt Ion: 56 Resp: 7743  
Ion Ratio Lower Upper  
56 100  
55 70.3 57.6 86.4



#14  
Allyl chloride  
Concen: 50.624 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. 0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion: 41 Resp: 138588  
Ion Ratio Lower Upper  
41 100  
39 67.6 58.8 88.2  
76 38.7 25.1 37.7#

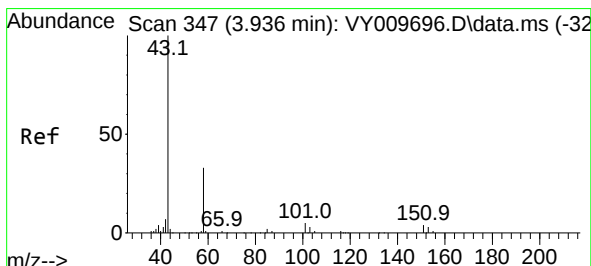
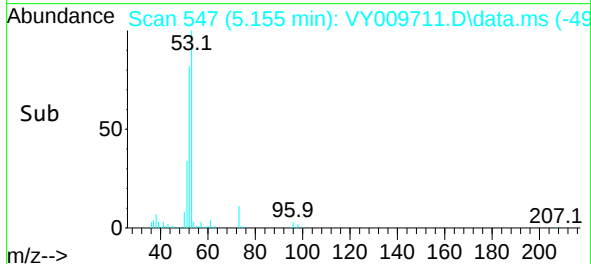
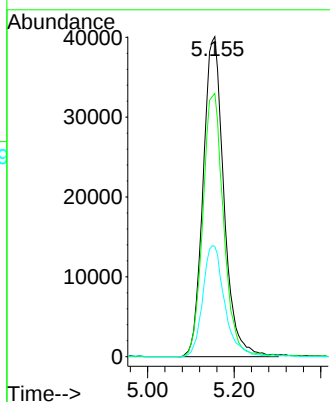
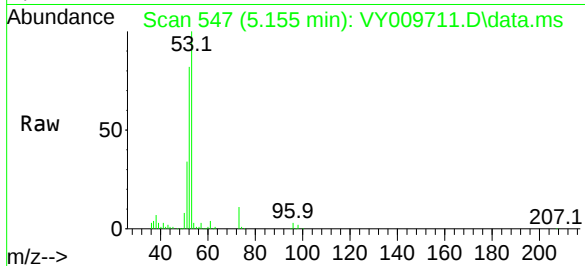




#15  
Acrylonitrile  
Concen: 260.992 ug/l  
RT: 5.155 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

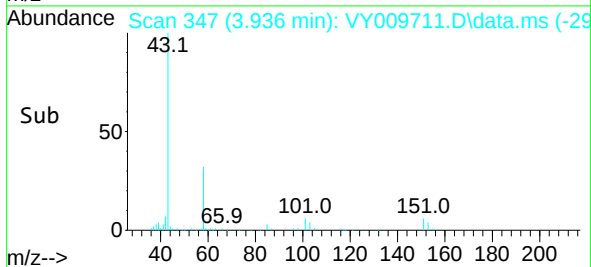
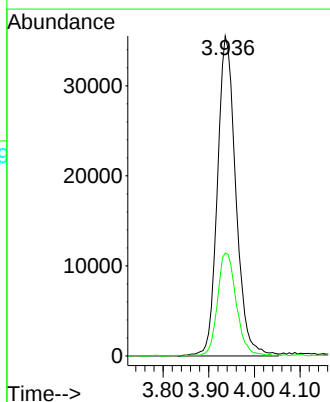
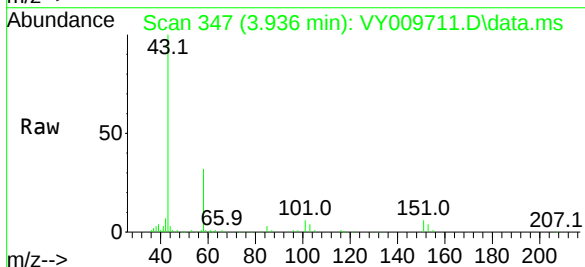
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

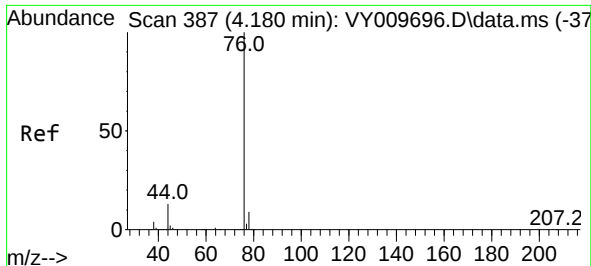
Tgt Ion: 53 Resp: 133440  
Ion Ratio Lower Upper  
53 100  
52 81.9 67.0 100.4  
51 36.5 29.8 44.6



#16  
Acetone  
Concen: 204.359 ug/l  
RT: 3.936 min Scan# 347  
Delta R.T. -0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion: 43 Resp: 99590  
Ion Ratio Lower Upper  
43 100  
58 31.9 22.0 33.0

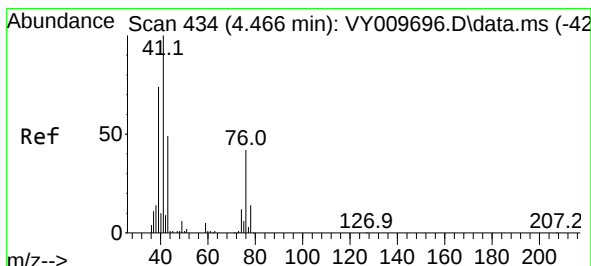
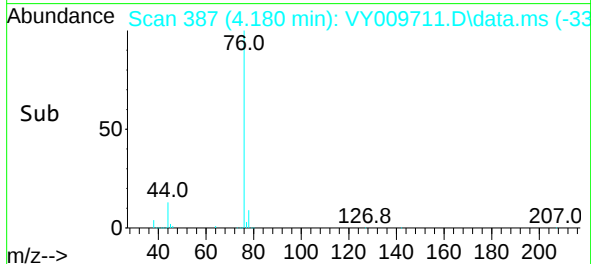
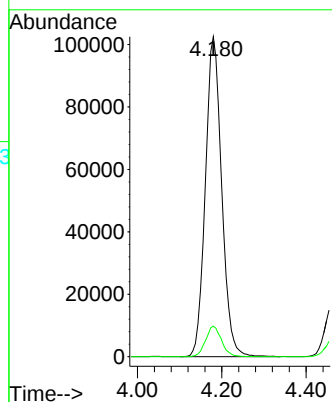
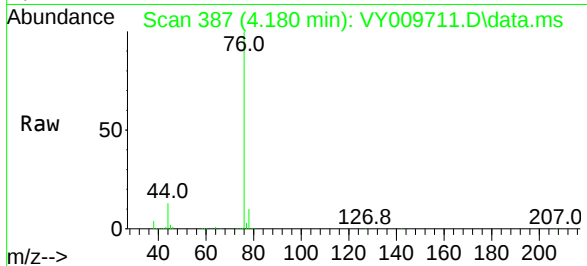




#17  
Carbon Disulfide  
Concen: 51.544 ug/l  
RT: 4.180 min Scan# 387  
Delta R.T. -0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

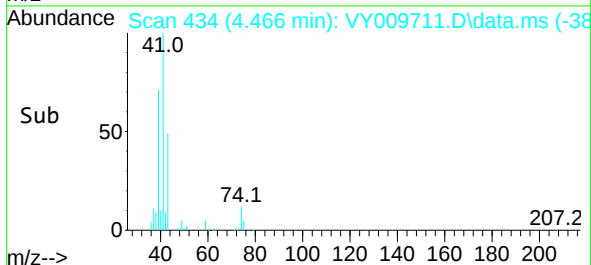
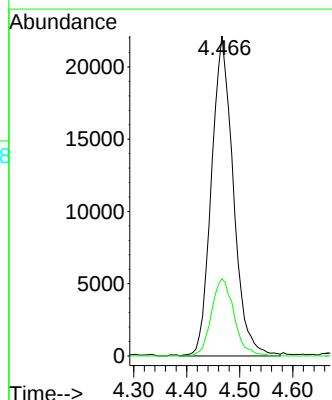
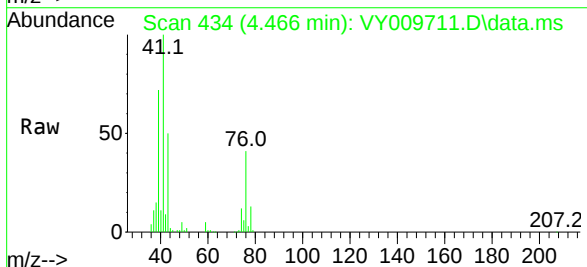
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

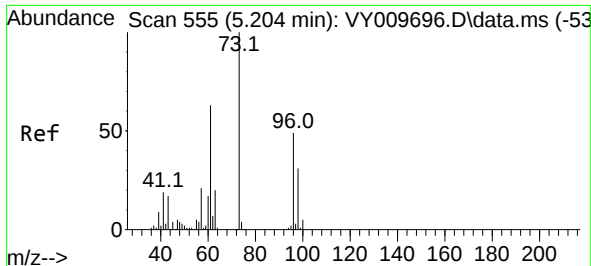
Tgt Ion: 76 Resp: 276130  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.4 11.0



#18  
Methyl Acetate  
Concen: 50.510 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. 0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion: 43 Resp: 63394  
Ion Ratio Lower Upper  
43 100  
74 24.9 16.6 24.8#

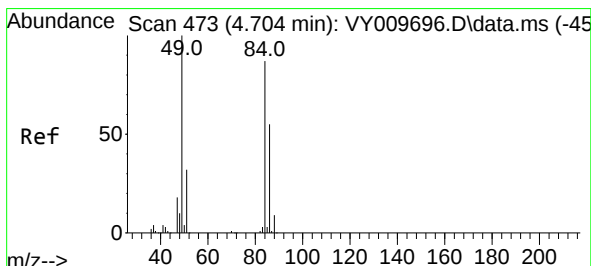
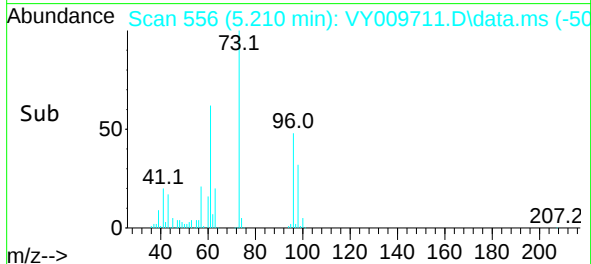
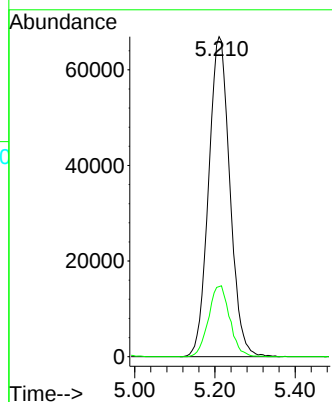
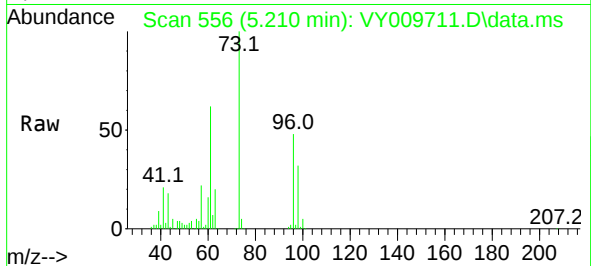




#19  
Methyl tert-butyl Ether  
Concen: 51.775 ug/l  
RT: 5.210 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

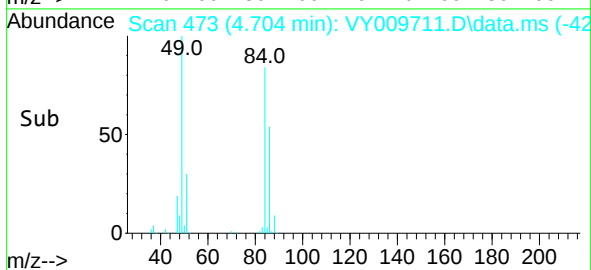
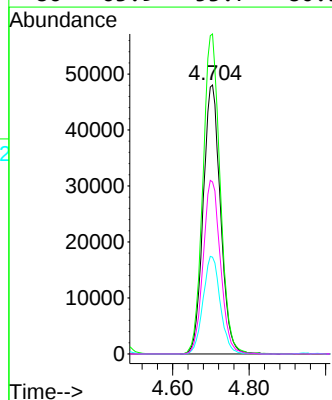
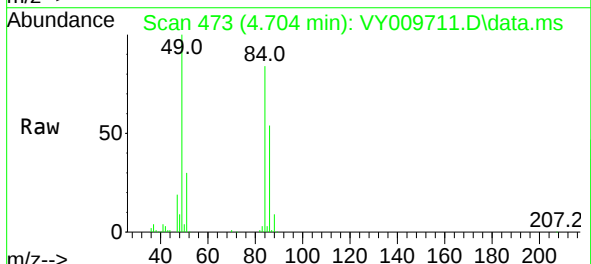
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

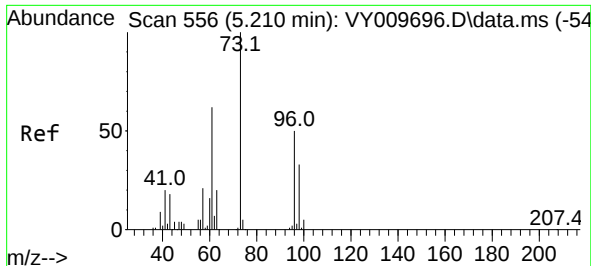
Tgt Ion: 73 Resp: 246177  
Ion Ratio Lower Upper  
73 100  
57 21.9 18.6 27.8



#20  
Methylene Chloride  
Concen: 67.760 ug/l  
RT: 4.704 min Scan# 473  
Delta R.T. 0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

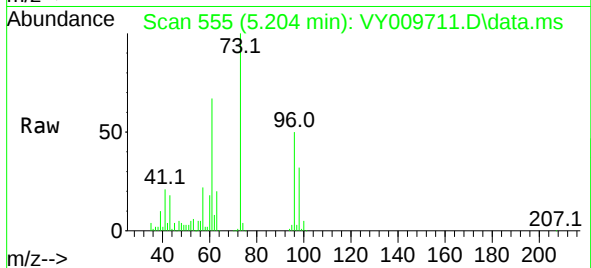
Tgt Ion: 84 Resp: 150476  
Ion Ratio Lower Upper  
84 100  
49 118.9 114.4 171.6  
51 36.0 35.3 52.9  
86 63.9 53.7 80.5



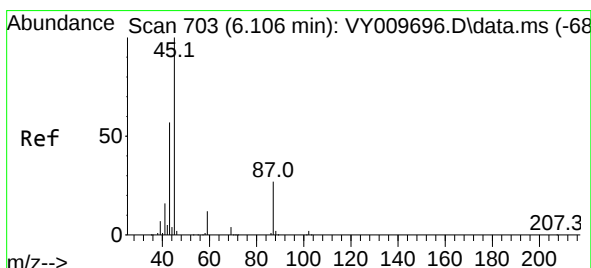
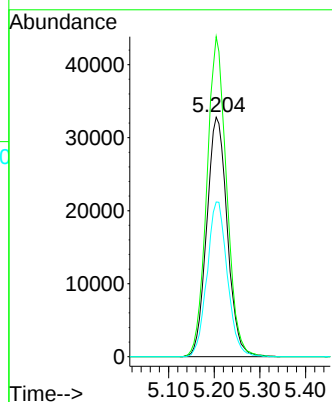
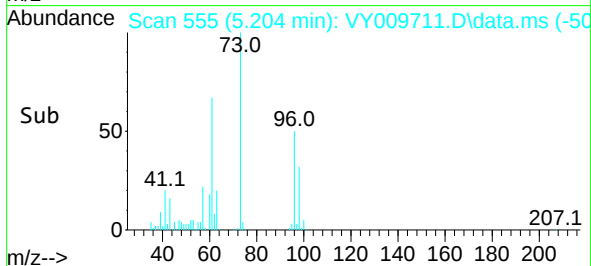


#21  
trans-1,2-Dichloroethene  
Concen: 50.646 ug/l  
RT: 5.204 min Scan# 511  
Delta R.T. -0.006 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

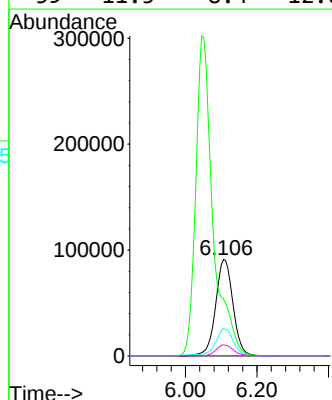
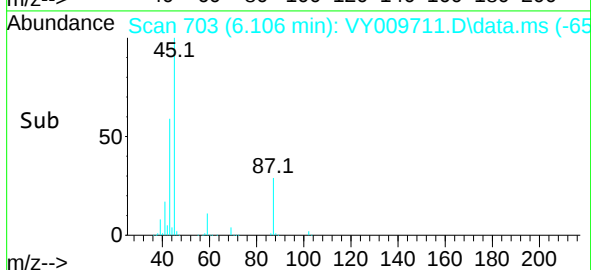
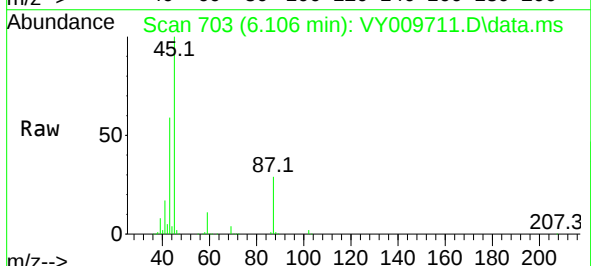


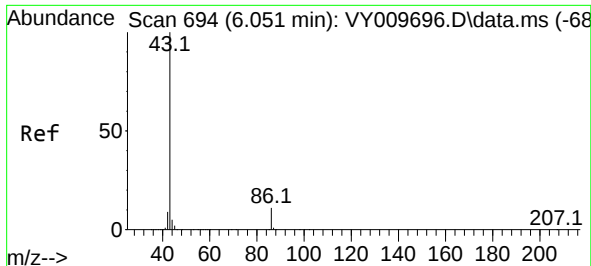
Tgt Ion: 96 Resp: 102467  
Ion Ratio Lower Upper  
96 100  
61 133.6 120.5 180.7  
98 64.6 49.8 74.8



#22  
Diisopropyl ether  
Concen: 52.759 ug/l  
RT: 6.106 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion: 45 Resp: 307595  
Ion Ratio Lower Upper  
45 100  
43 58.7 49.3 73.9  
87 28.7 19.2 28.8  
59 11.5 8.4 12.6

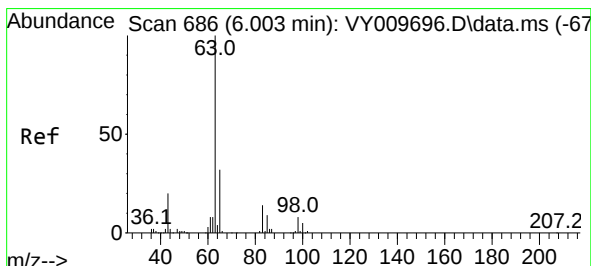
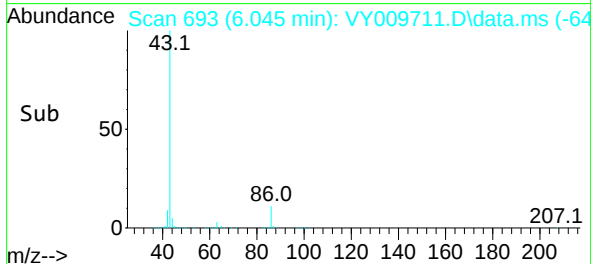
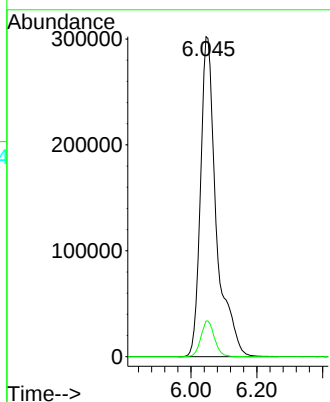
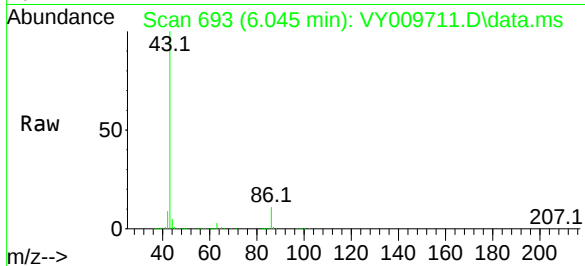




#23  
 Vinyl Acetate  
 Concen: 257.310 ug/l  
 RT: 6.045 min Scan# 694  
 Delta R.T. -0.006 min  
 Lab File: VY009711.D  
 Acq: 26 Jul 2022 19:27

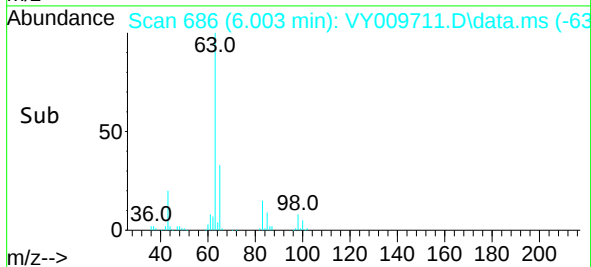
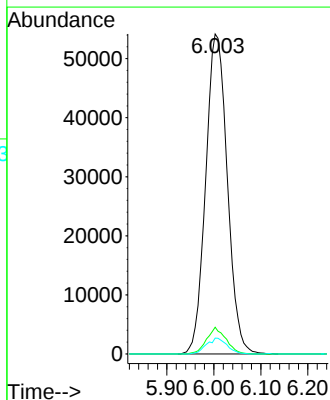
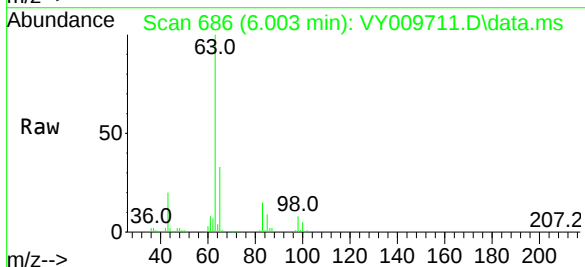
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

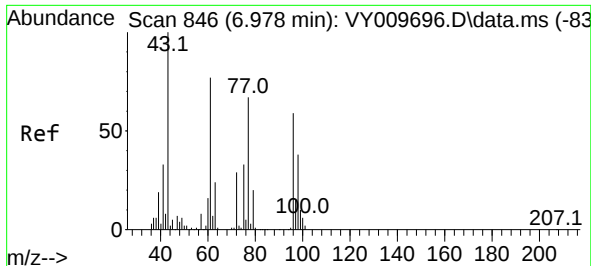
Tgt Ion: 43 Resp: 1010110  
 Ion Ratio Lower Upper  
 43 100  
 86 11.2 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 51.195 ug/l  
 RT: 6.003 min Scan# 686  
 Delta R.T. -0.000 min  
 Lab File: VY009711.D  
 Acq: 26 Jul 2022 19:27

Tgt Ion: 63 Resp: 172974  
 Ion Ratio Lower Upper  
 63 100  
 98 8.4 3.6 10.8  
 100 5.0 2.0 5.8

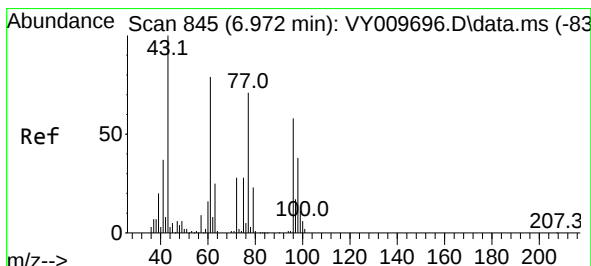
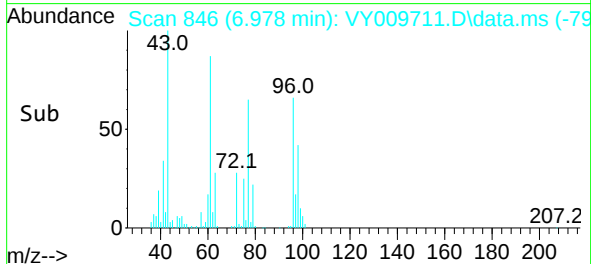
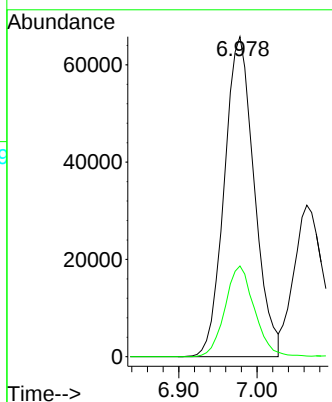
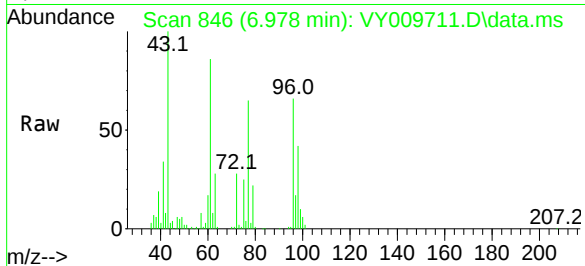




#25  
2-Butanone  
Concen: 242.834 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

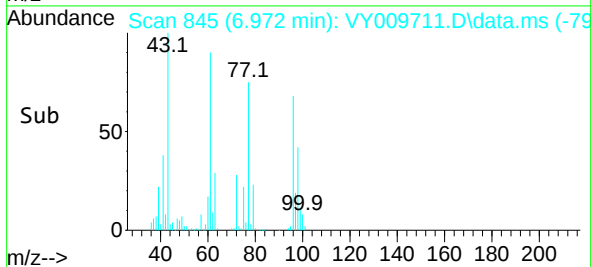
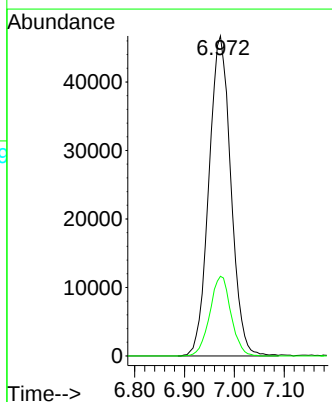
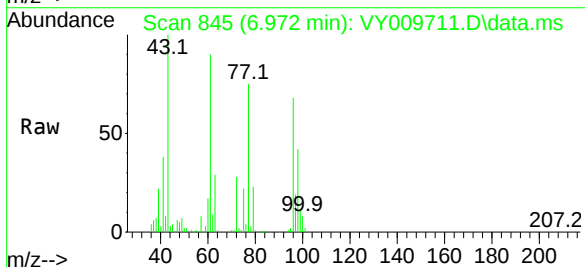
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

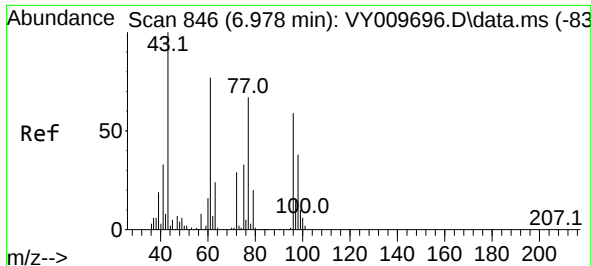
Tgt Ion: 43 Resp: 174577  
Ion Ratio Lower Upper  
43 100  
72 28.4 17.7 26.5#



#26  
2,2-Dichloropropane  
Concen: 44.483 ug/l  
RT: 6.972 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion: 77 Resp: 142880  
Ion Ratio Lower Upper  
77 100  
97 24.0 10.4 31.4

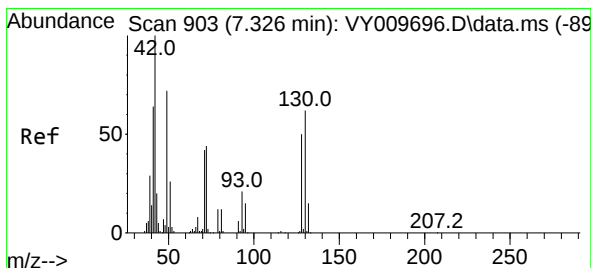
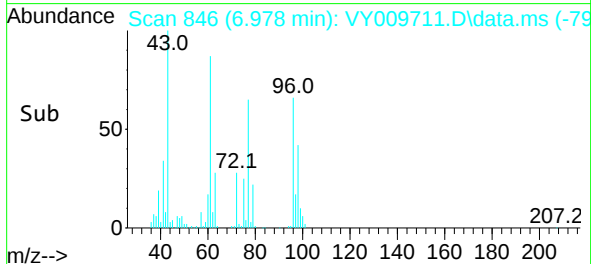
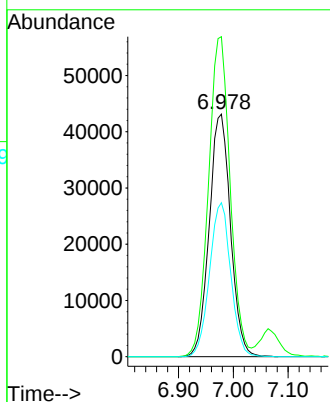
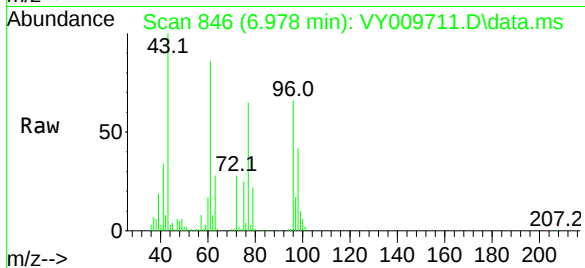




#27  
 cis-1,2-Dichloroethene  
 Concen: 51.249 ug/l  
 RT: 6.978 min Scan# 846  
 Delta R.T. 0.000 min  
 Lab File: VY009711.D  
 Acq: 26 Jul 2022 19:27

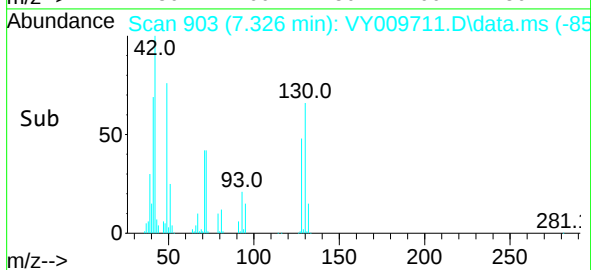
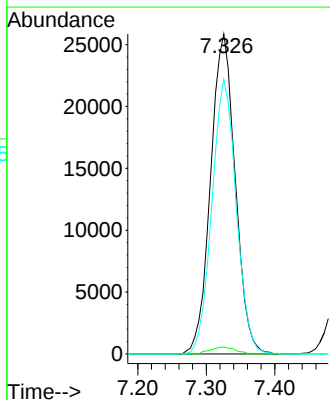
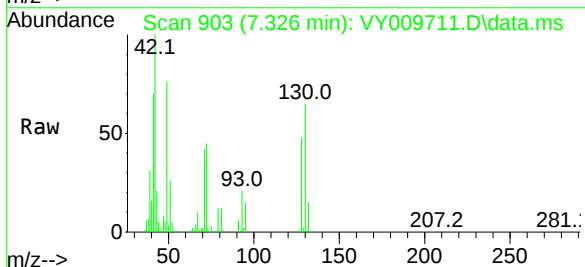
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

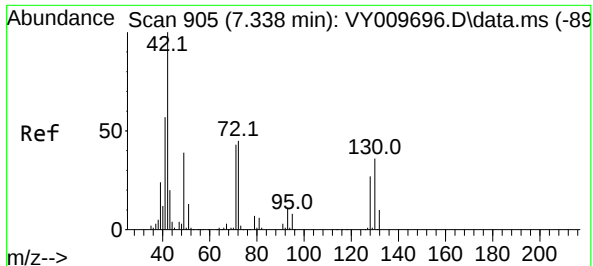
Tgt Ion: 96 Resp: 116308  
 Ion Ratio Lower Upper  
 96 100  
 61 134.1 0.0 319.8  
 98 63.3 0.0 127.0



#28  
 Bromochloromethane  
 Concen: 52.930 ug/l  
 RT: 7.326 min Scan# 903  
 Delta R.T. -0.000 min  
 Lab File: VY009711.D  
 Acq: 26 Jul 2022 19:27

Tgt Ion: 49 Resp: 64468  
 Ion Ratio Lower Upper  
 49 100  
 129 2.2 0.0 2.2  
 130 84.8 55.4 83.0#





#29

Tetrahydrofuran

Concen: 270.619 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009711.D

Acq: 26 Jul 2022 19:27

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

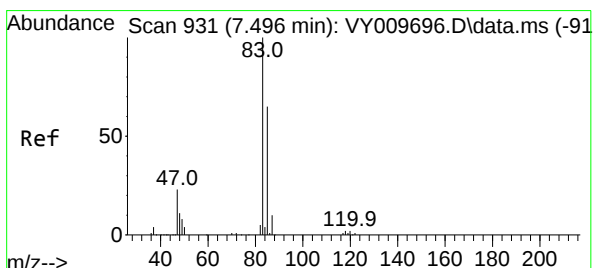
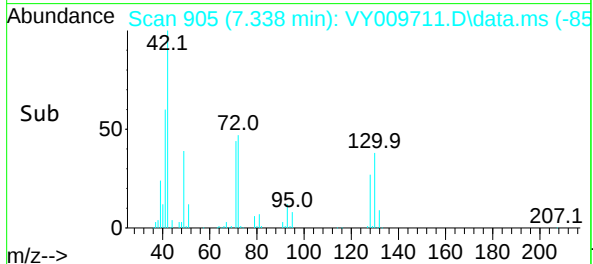
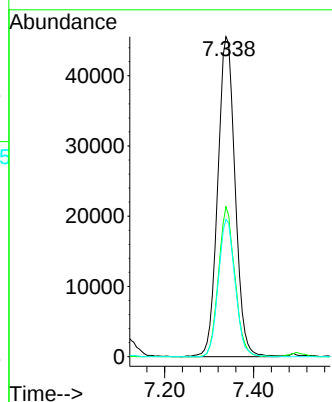
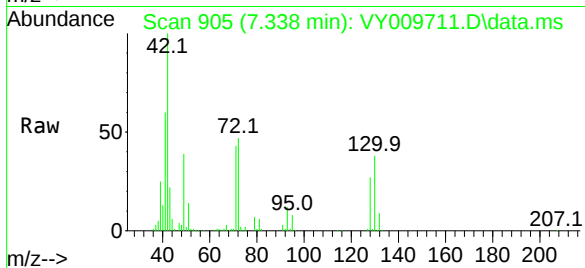
Tgt Ion: 42 Resp: 123203

Ion Ratio Lower Upper

42 100

72 44.1 30.3 45.5

71 41.5 29.0 43.4



#30

Chloroform

Concen: 50.710 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009711.D

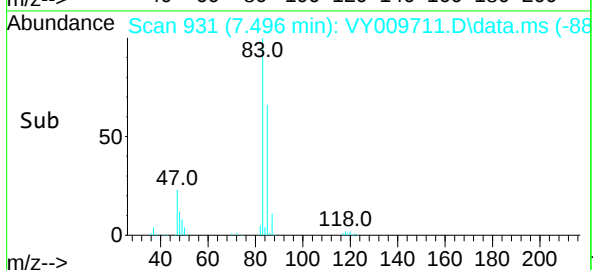
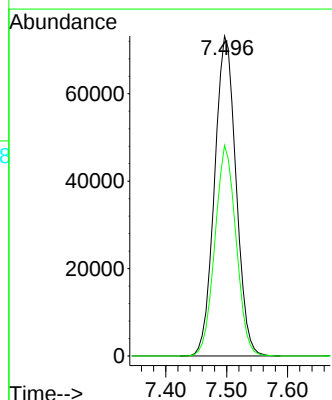
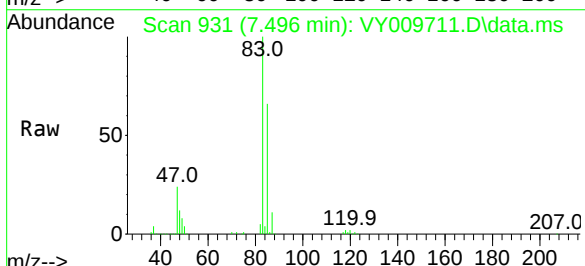
Acq: 26 Jul 2022 19:27

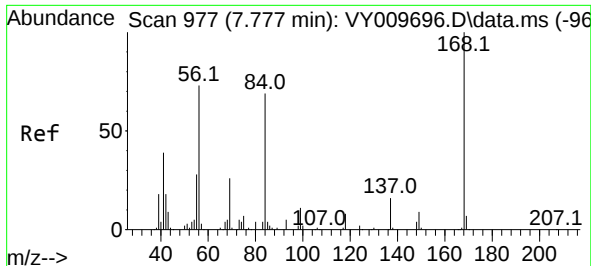
Tgt Ion: 83 Resp: 179240

Ion Ratio Lower Upper

83 100

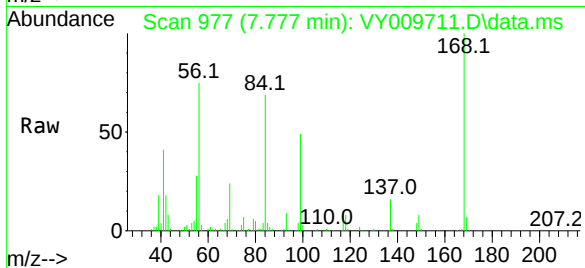
85 65.9 51.8 77.6



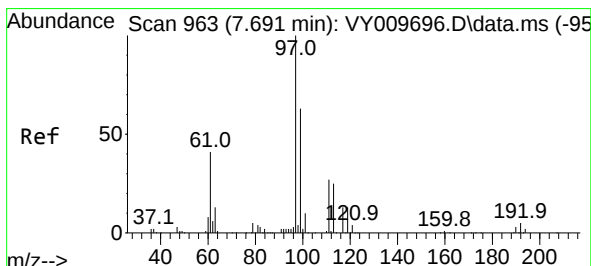
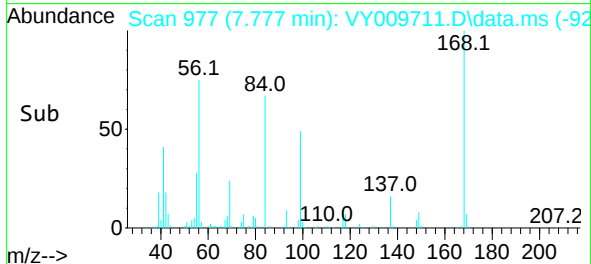
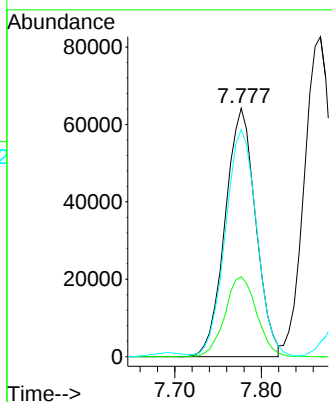


#31  
Cyclohexane  
Concen: 48.512 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

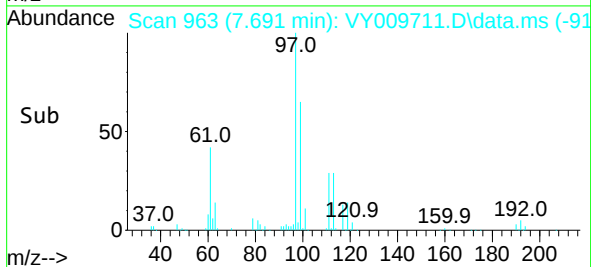
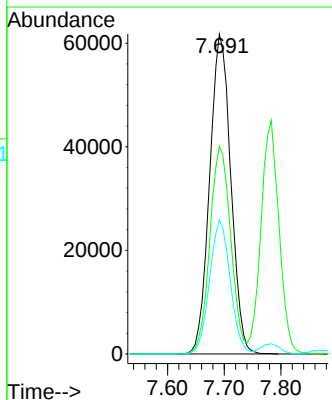
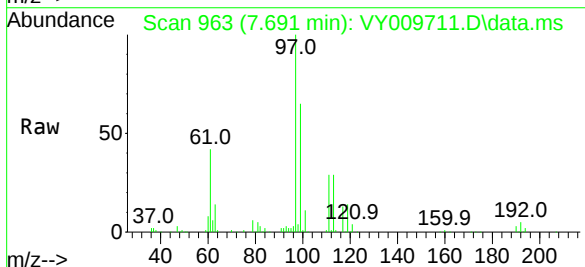


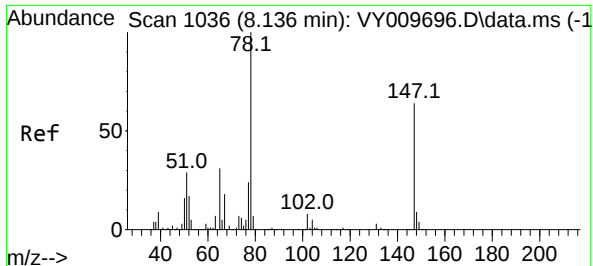
Tgt Ion: 56 Resp: 157323  
Ion Ratio Lower Upper  
56 100  
69 32.2 26.7 40.1  
84 90.2 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 50.300 ug/l  
RT: 7.691 min Scan# 963  
Delta R.T. 0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion: 97 Resp: 159588  
Ion Ratio Lower Upper  
97 100  
99 64.5 50.7 76.1  
61 41.2 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 51.229 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009711.D

Acq: 26 Jul 2022 19:27

Instrument :

MSVOA\_Y

ClientSampleId :

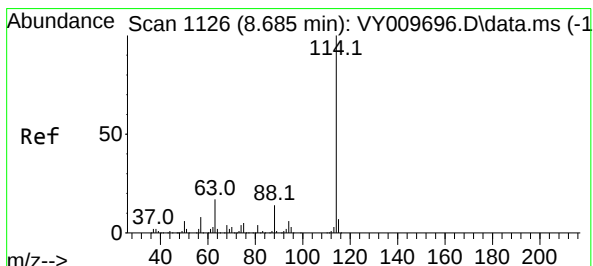
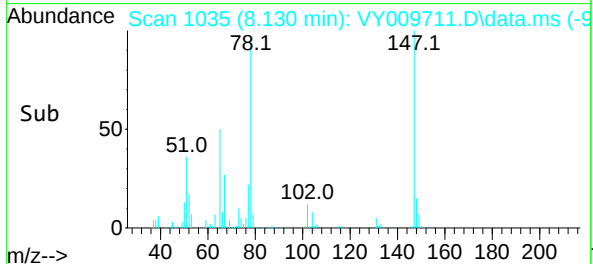
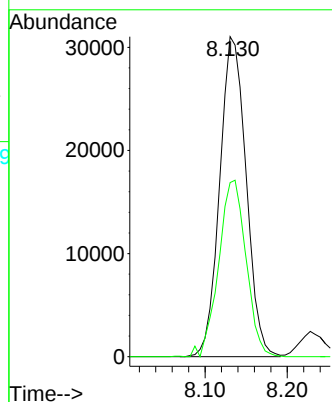
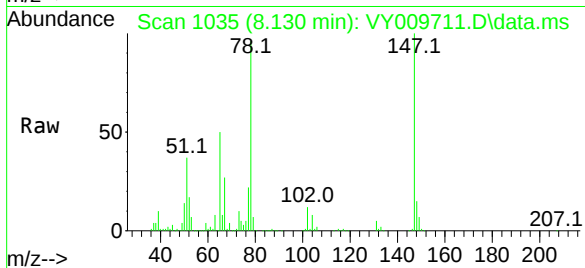
VSTDCCC050EC

Tgt Ion: 65 Resp: 69327

Ion Ratio Lower Upper

65 100

67 57.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009711.D

Acq: 26 Jul 2022 19:27

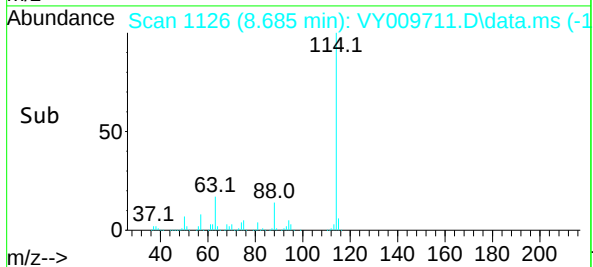
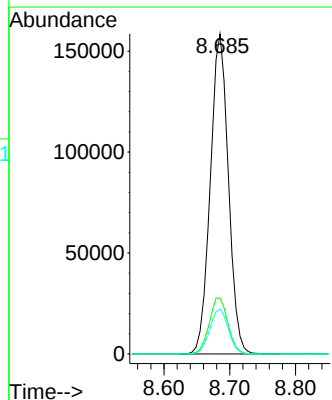
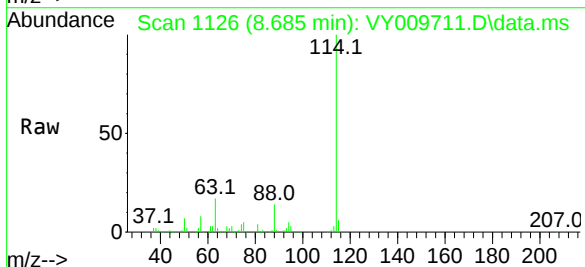
Tgt Ion: 114 Resp: 303135

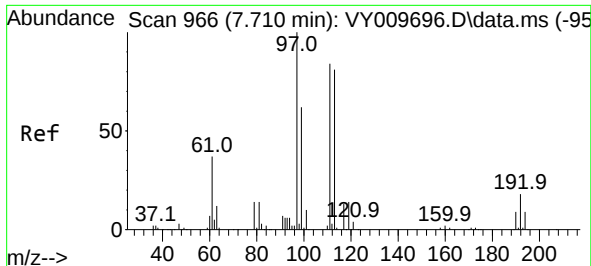
Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.1 0.0 31.8

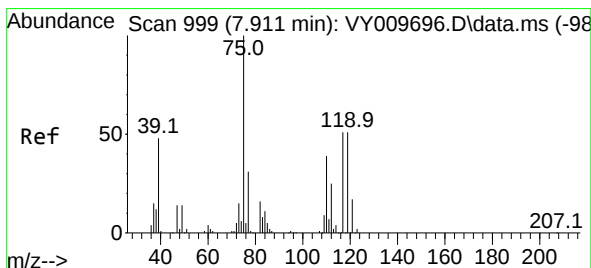
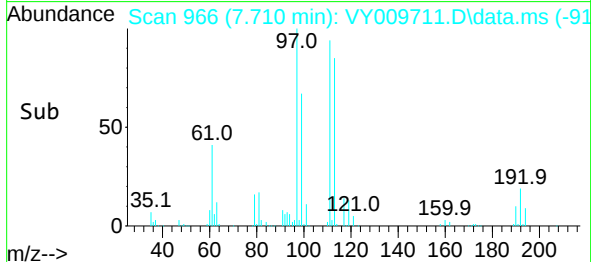
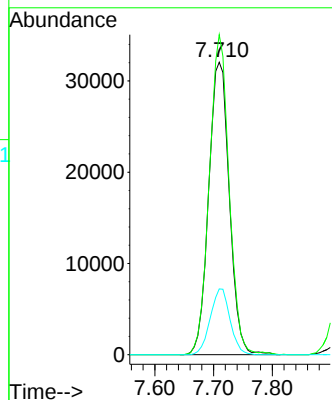
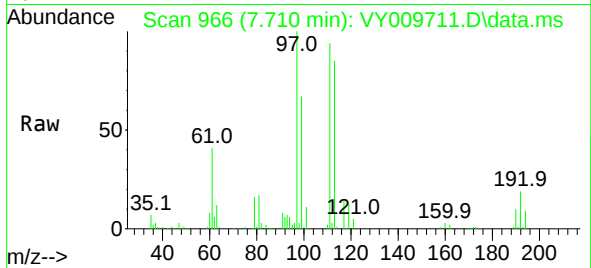




#35  
Dibromofluoromethane  
Concen: 47.569 ug/l  
RT: 7.710 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

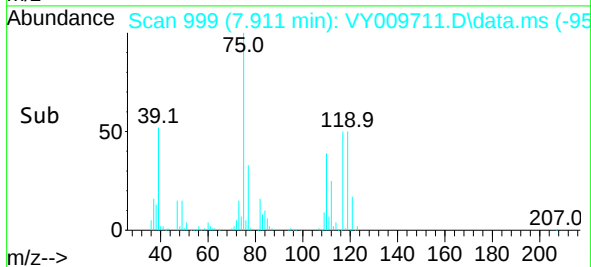
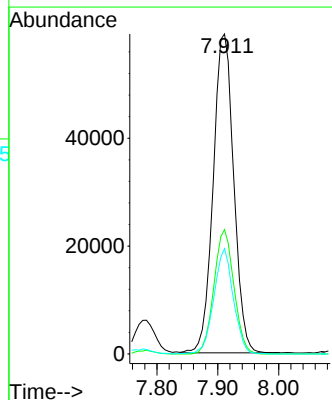
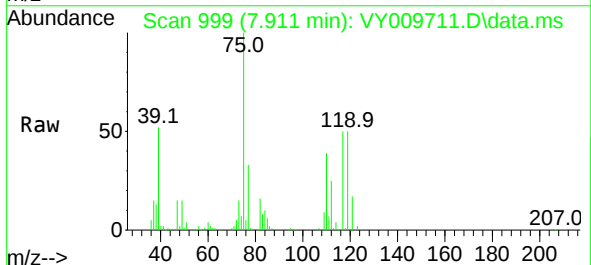
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

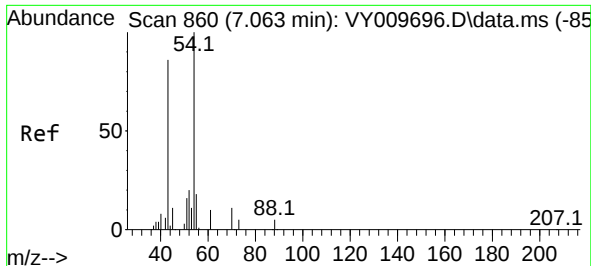
Tgt Ion:113 Resp: 78425  
Ion Ratio Lower Upper  
113 100  
111 104.6 82.6 124.0  
192 21.5 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 51.647 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion: 75 Resp: 138552  
Ion Ratio Lower Upper  
75 100  
110 37.8 17.1 51.2  
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 51.945 ug/l

RT: 7.063 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY009711.D

Acq: 26 Jul 2022 19:27

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

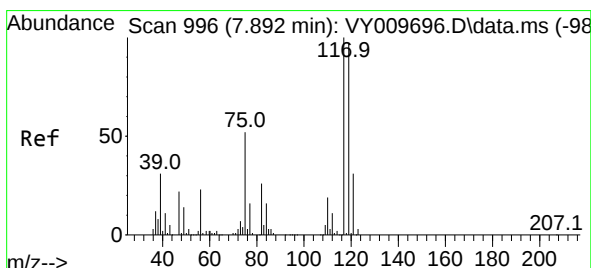
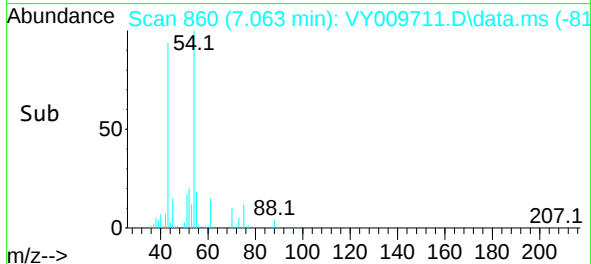
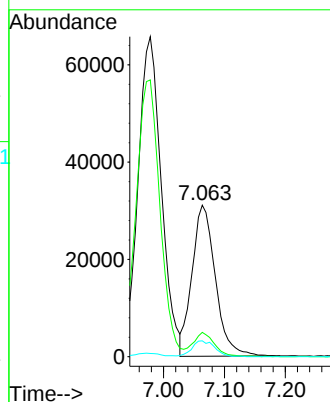
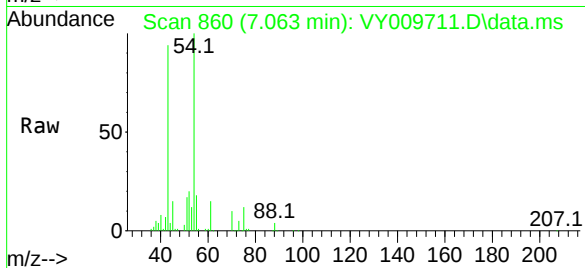
Tgt Ion: 43 Resp: 82593

Ion Ratio Lower Upper

43 100

61 14.1 9.7 14.5

70 10.3 7.1 10.7



#38

Carbon Tetrachloride

Concen: 50.556 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.001 min

Lab File: VY009711.D

Acq: 26 Jul 2022 19:27

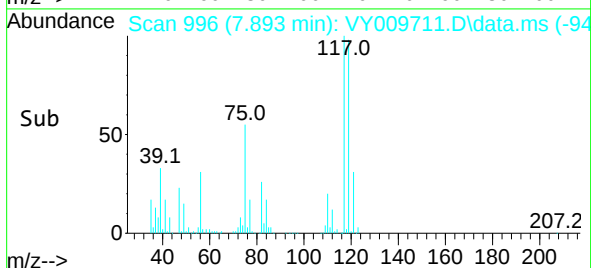
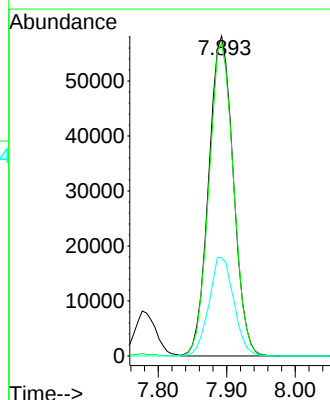
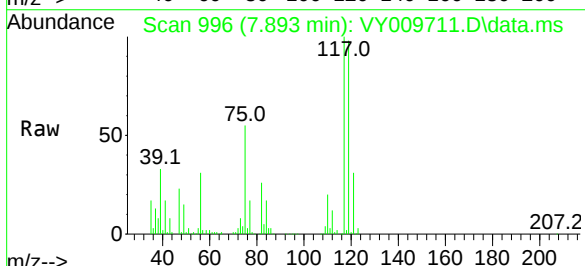
Tgt Ion: 117 Resp: 145327

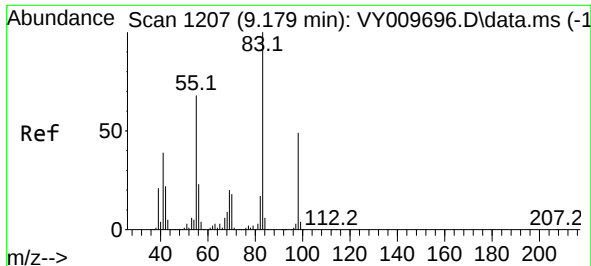
Ion Ratio Lower Upper

117 100

119 97.8 77.9 116.9

121 30.7 24.8 37.2





#39

Methylcyclohexane

Concen: 52.161 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009711.D

Acq: 26 Jul 2022 19:27

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

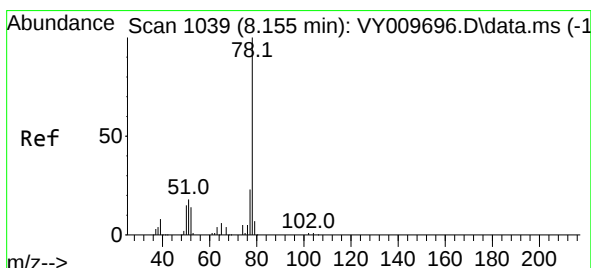
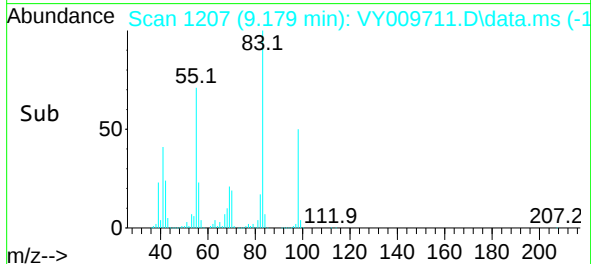
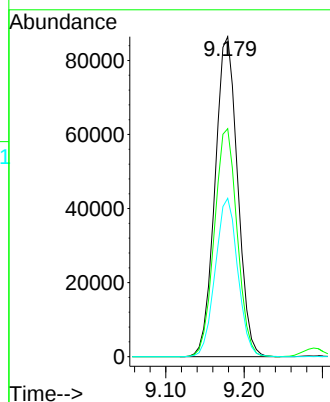
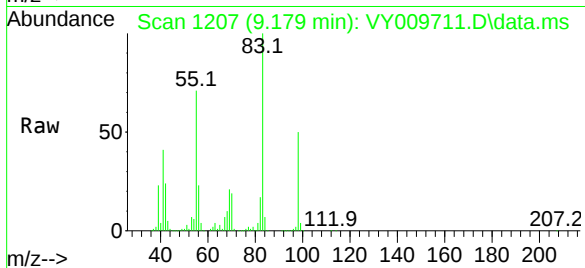
Tgt Ion: 83 Resp: 173337

Ion Ratio Lower Upper

83 100

55 71.3 66.5 99.7

98 49.5 37.9 56.9



#40

Benzene

Concen: 51.643 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009711.D

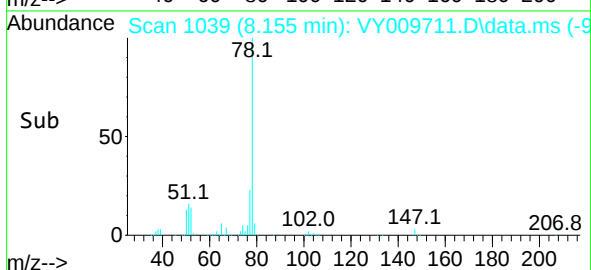
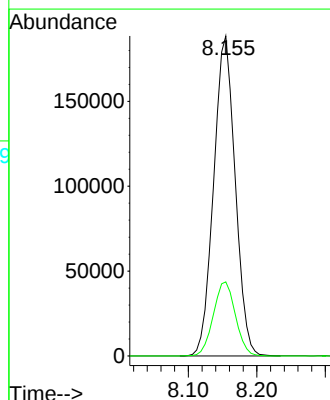
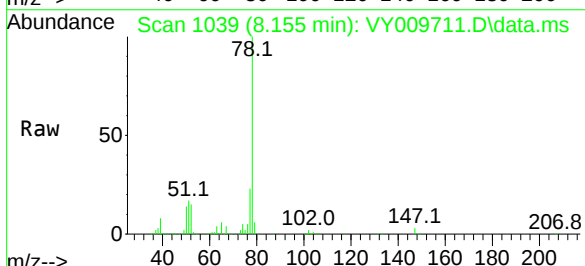
Acq: 26 Jul 2022 19:27

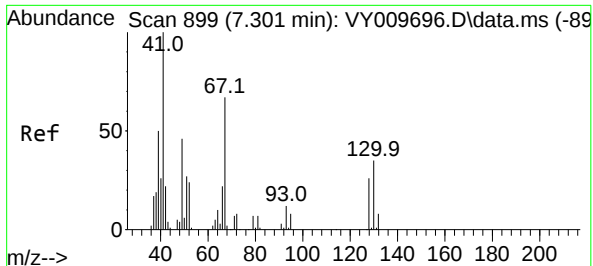
Tgt Ion: 78 Resp: 410499

Ion Ratio Lower Upper

78 100

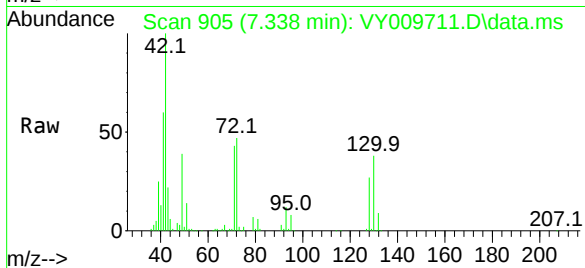
77 23.2 20.4 30.6



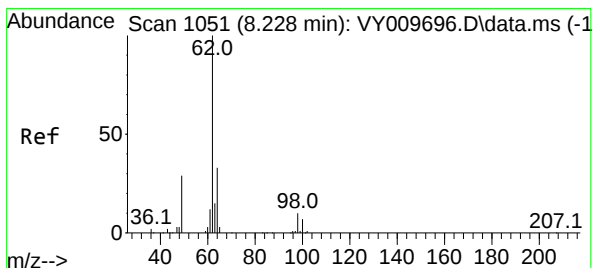
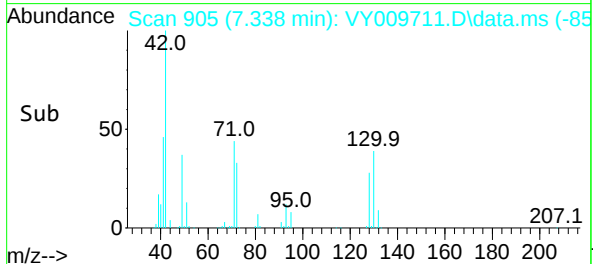
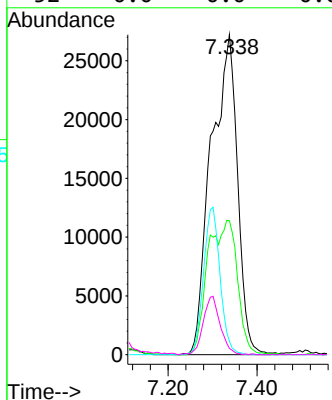


#41  
Methacrylonitrile  
Concen: 137.947 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. 0.037 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

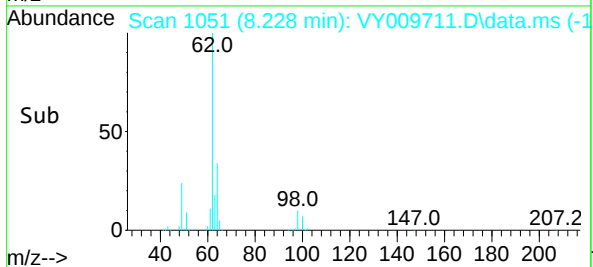
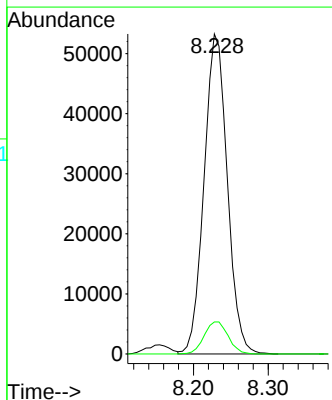
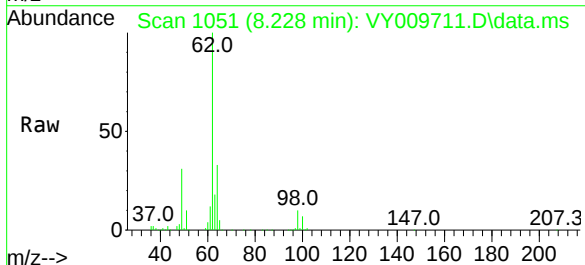


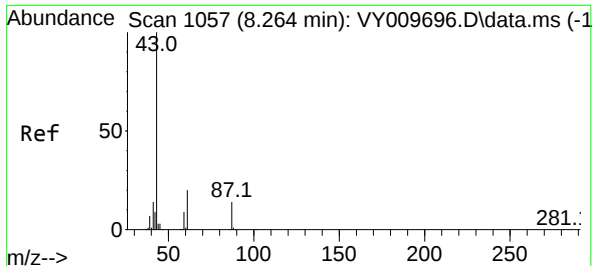
Tgt Ion: 41 Resp: 111748  
Ion Ratio Lower Upper  
41 100  
39 0.0 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 51.859 ug/l  
RT: 8.228 min Scan# 1051  
Delta R.T. -0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion: 62 Resp: 114925  
Ion Ratio Lower Upper  
62 100  
98 10.4 0.0 14.8

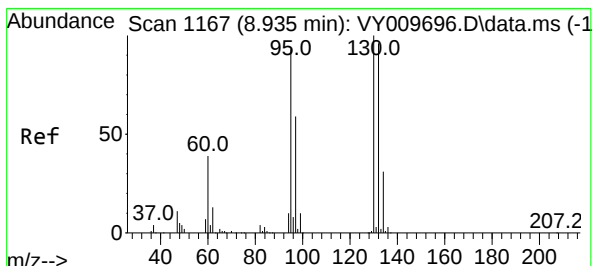
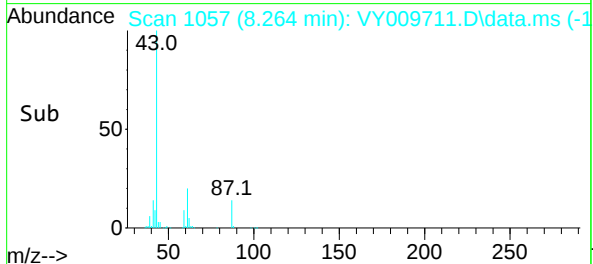
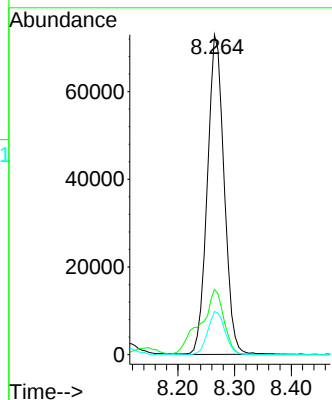
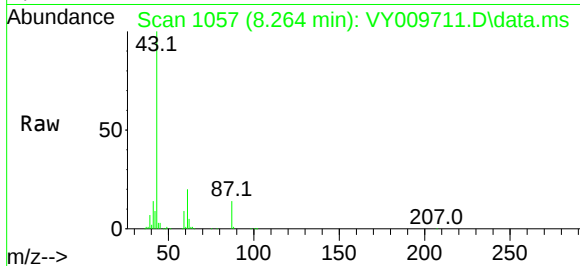




#43  
Isopropyl Acetate  
Concen: 53.830 ug/l  
RT: 8.264 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

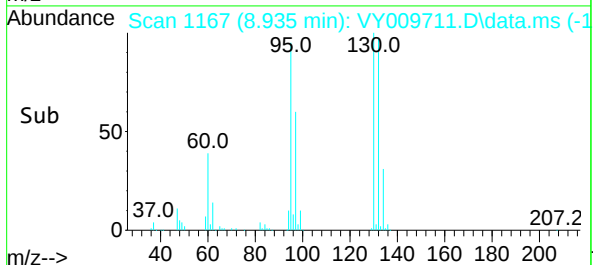
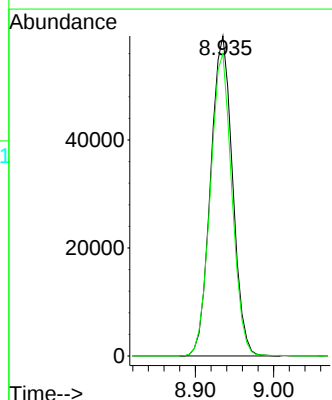
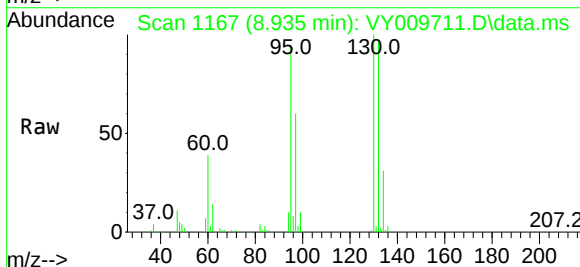
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

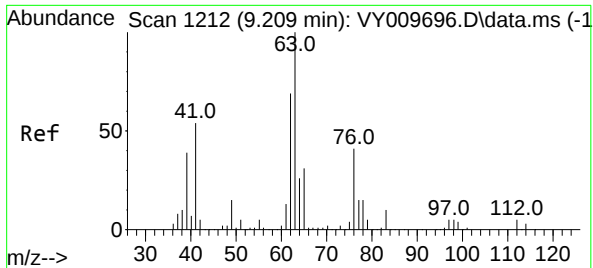
Tgt Ion: 43 Resp: 149536  
Ion Ratio Lower Upper  
43 100  
61 28.6 20.2 30.2  
87 13.9 8.9 13.3#



#44  
Trichloroethene  
Concen: 50.424 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion:130 Resp: 114977  
Ion Ratio Lower Upper  
130 100  
95 94.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 52.335 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009711.D

Acq: 26 Jul 2022 19:27

Instrument :

MSVOA\_Y

ClientSampleId :

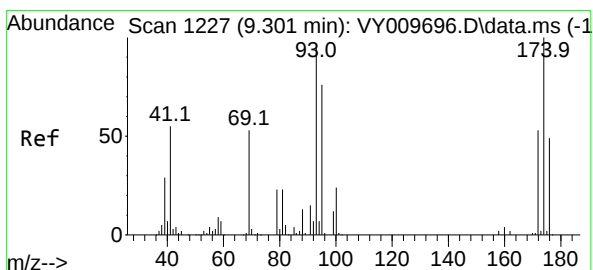
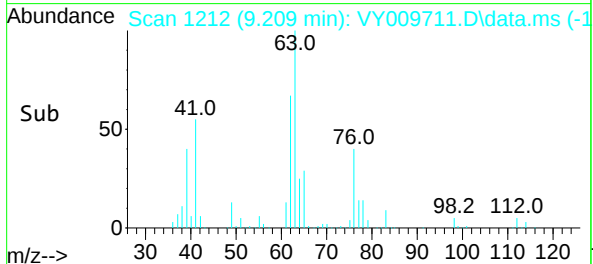
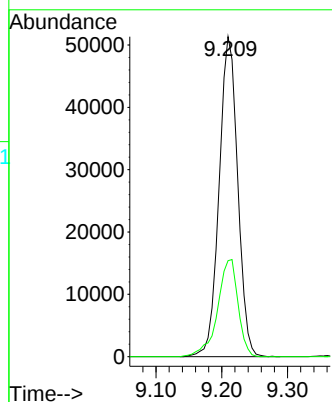
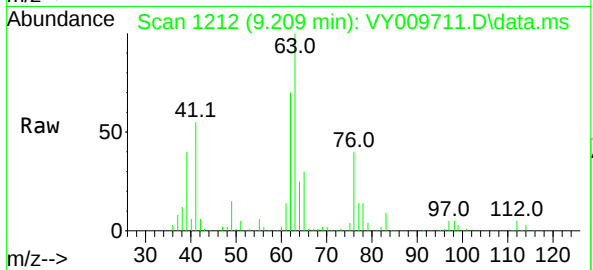
VSTDCCC050EC

Tgt Ion: 63 Resp: 101003

Ion Ratio Lower Upper

63 100

65 30.0 23.0 34.6



#46

Dibromomethane

Concen: 52.835 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009711.D

Acq: 26 Jul 2022 19:27

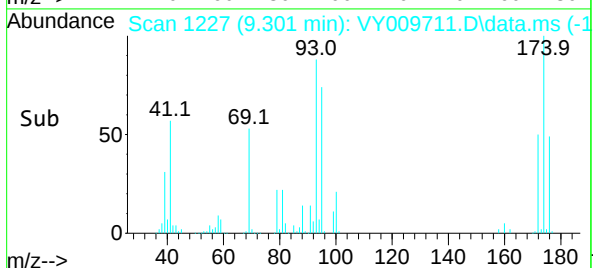
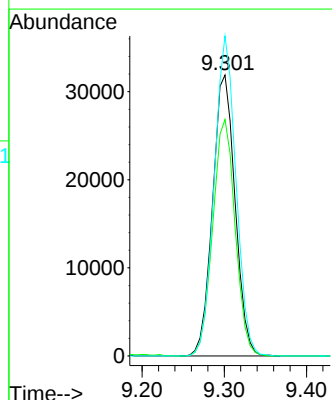
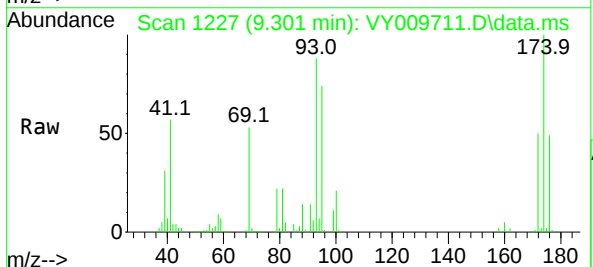
Tgt Ion: 93 Resp: 60665

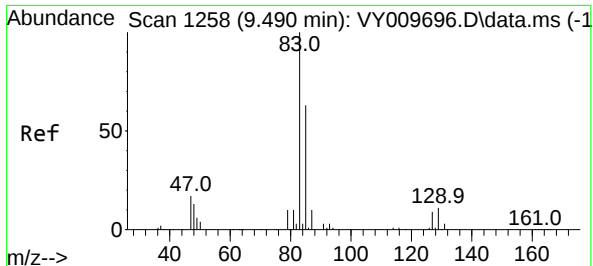
Ion Ratio Lower Upper

93 100

95 83.6 64.3 96.5

174 110.1 83.4 125.0





#47

Bromodichloromethane

Concen: 52.503 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VY009711.D

Acq: 26 Jul 2022 19:27

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

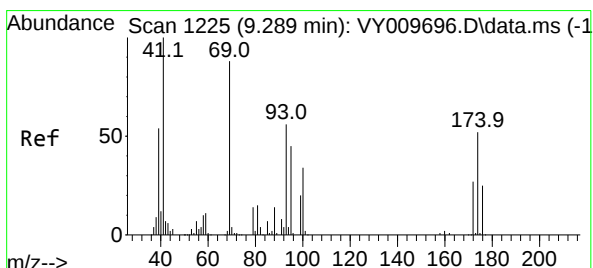
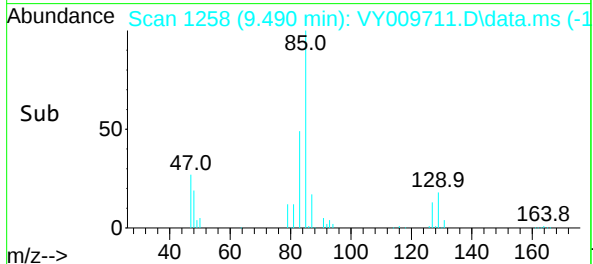
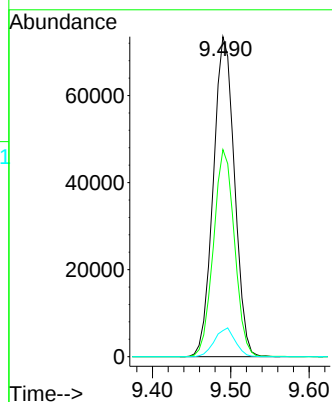
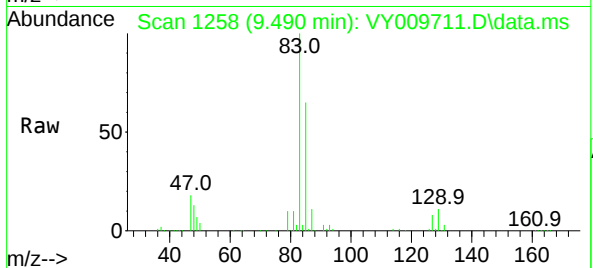
Tgt Ion: 83 Resp: 138493

Ion Ratio Lower Upper

83 100

85 64.7 51.9 77.9

127 8.2 6.6 10.0



#48

Methyl methacrylate

Concen: 54.559 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY009711.D

Acq: 26 Jul 2022 19:27

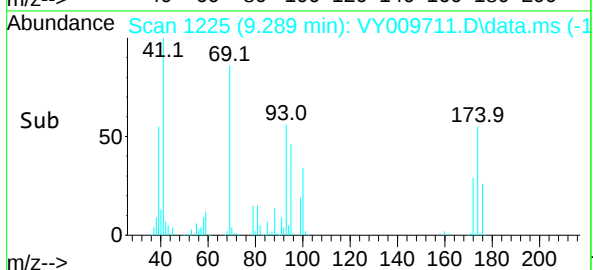
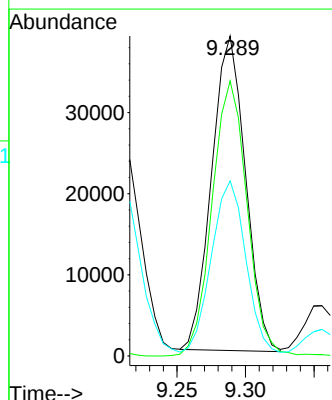
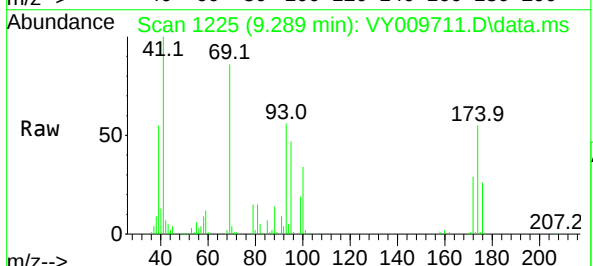
Tgt Ion: 41 Resp: 66646

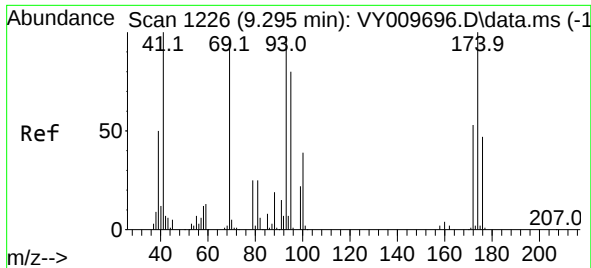
Ion Ratio Lower Upper

41 100

69 90.6 58.2 87.2

39 55.2 47.4 71.0





#49

1,4-Dioxane

Concen: 885.108 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009711.D

Acq: 26 Jul 2022 19:27

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

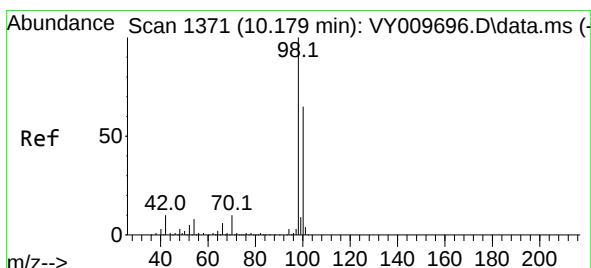
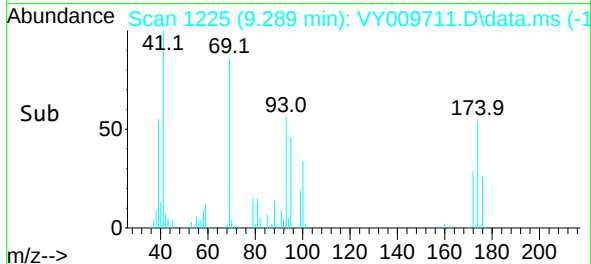
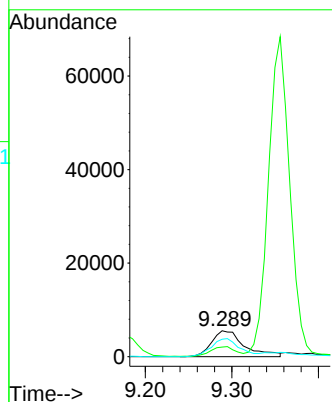
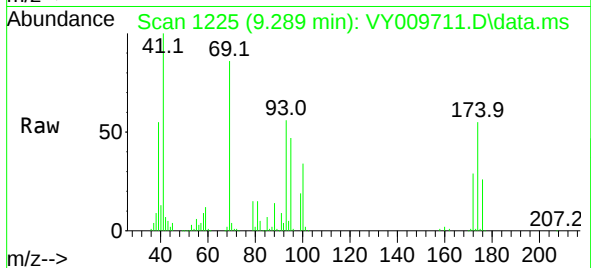
Tgt Ion: 88 Resp: 14630

Ion Ratio Lower Upper

88 100

43 28.6 32.8 49.2#

58 60.7 59.8 89.6



#50

Toluene-d8

Concen: 50.121 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY009711.D

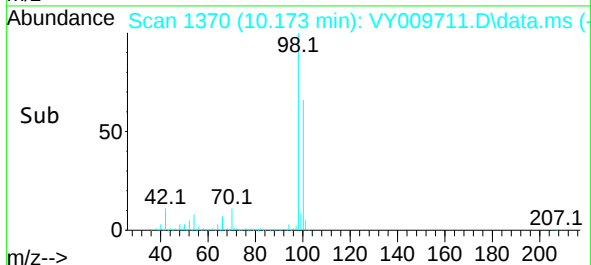
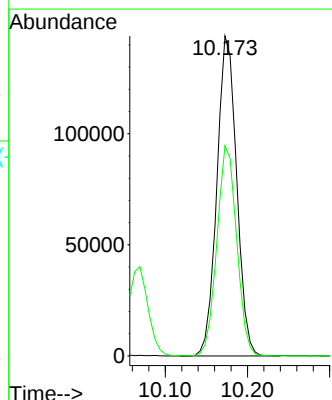
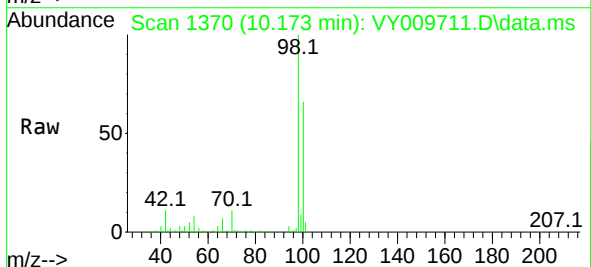
Acq: 26 Jul 2022 19:27

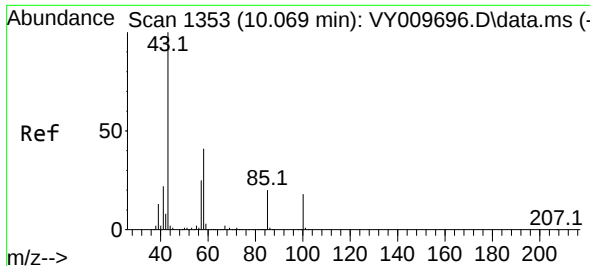
Tgt Ion: 98 Resp: 240609

Ion Ratio Lower Upper

98 100

100 65.8 50.2 75.2

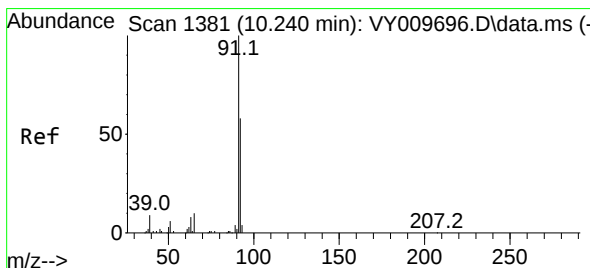
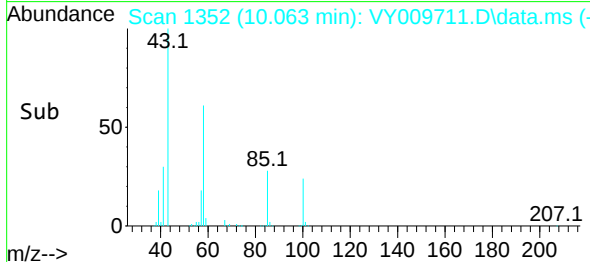
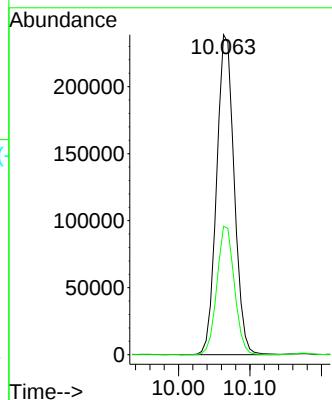
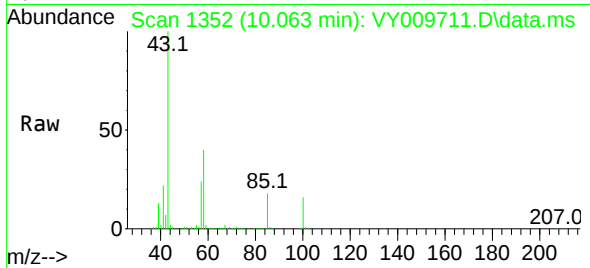




#51  
4-Methyl-2-Pentanone  
Concen: 288.603 ug/l  
RT: 10.063 min Scan# 1352  
Delta R.T. -0.006 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

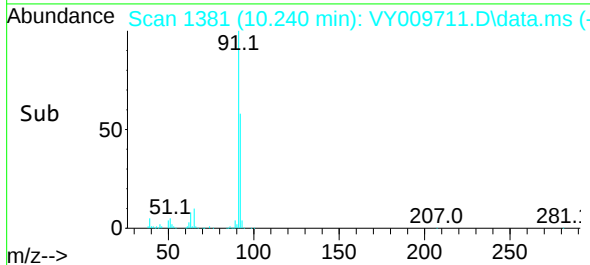
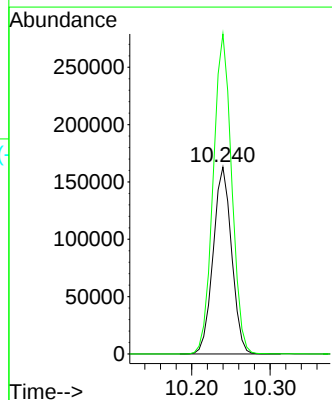
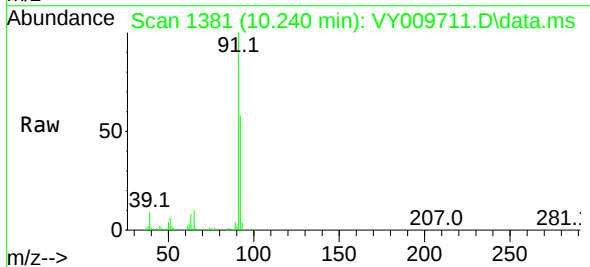
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 407846  
Ion Ratio Lower Upper  
43 100  
58 39.9 28.1 42.1



#52  
Toluene  
Concen: 53.500 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion: 92 Resp: 266367  
Ion Ratio Lower Upper  
92 100  
91 171.6 142.6 213.8

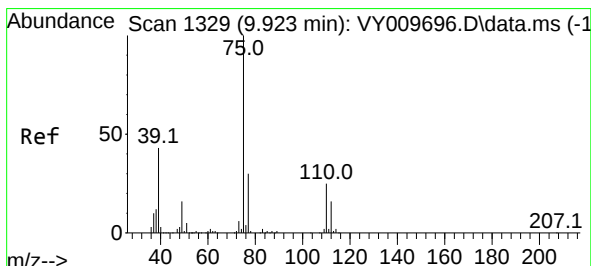
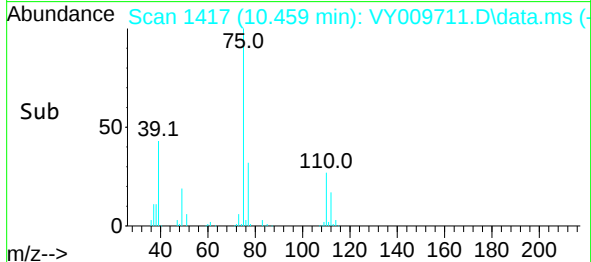
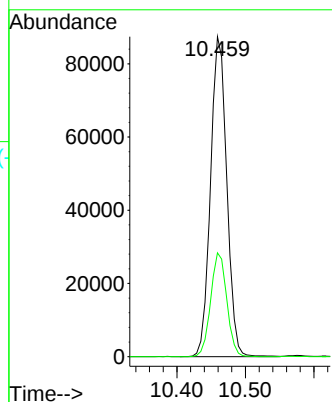
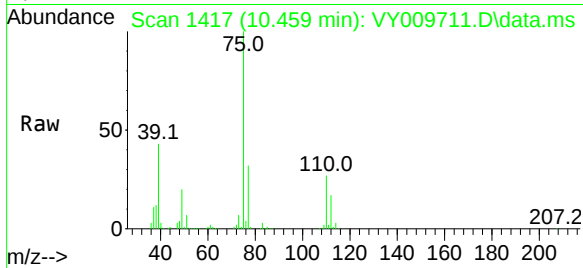




#53  
 t-1,3-Dichloropropene  
 Concen: 53.017 ug/l  
 RT: 10.459 min Scan# 1417  
 Delta R.T. 0.000 min  
 Lab File: VY009711.D  
 Acq: 26 Jul 2022 19:27

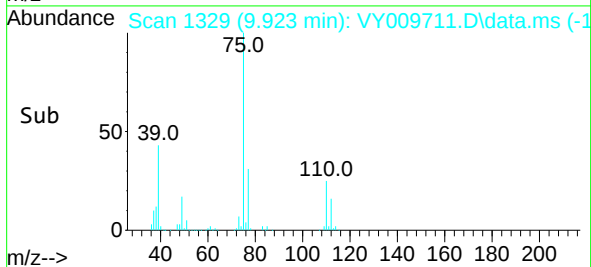
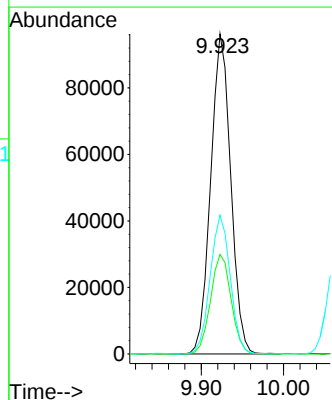
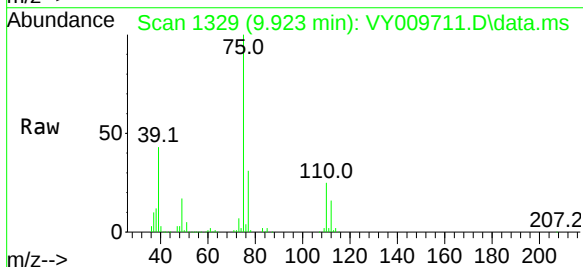
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

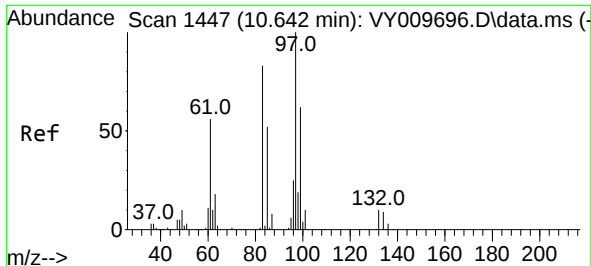
Tgt Ion: 75 Resp: 144422  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 52.067 ug/l  
 RT: 9.923 min Scan# 1329  
 Delta R.T. -0.000 min  
 Lab File: VY009711.D  
 Acq: 26 Jul 2022 19:27

Tgt Ion: 75 Resp: 162898  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 25.6 38.4  
 39 43.4 47.6 71.4#

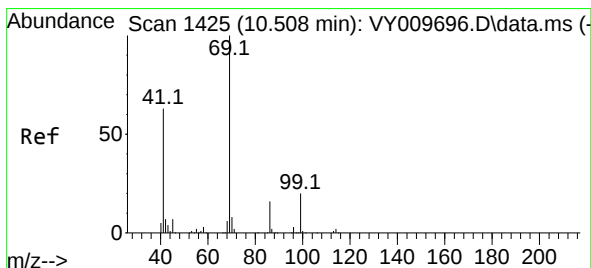
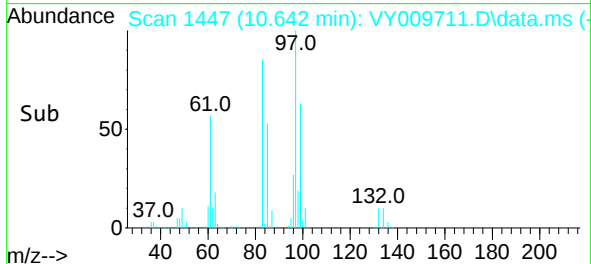
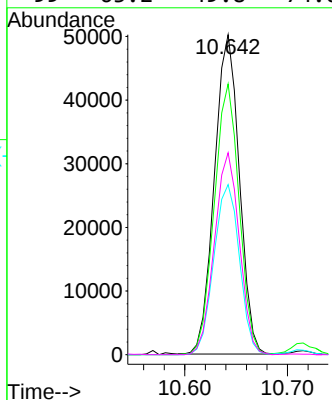
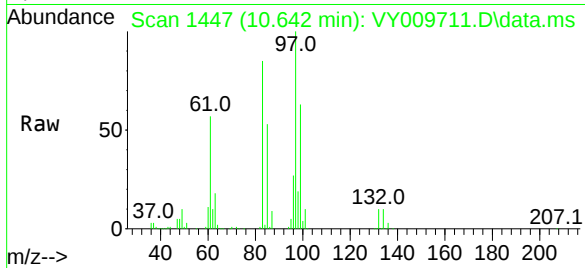




#55  
1,1,2-Trichloroethane  
Concen: 52.073 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

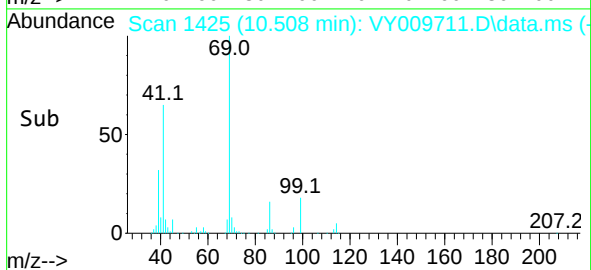
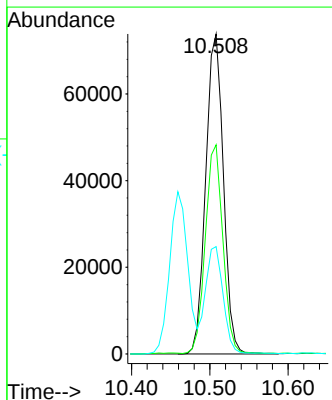
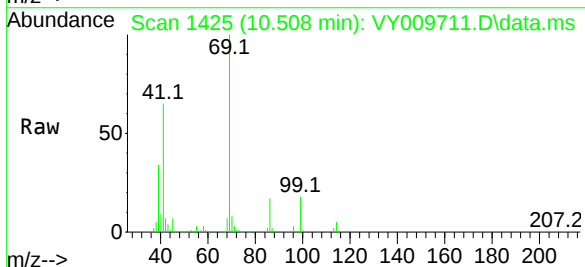
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

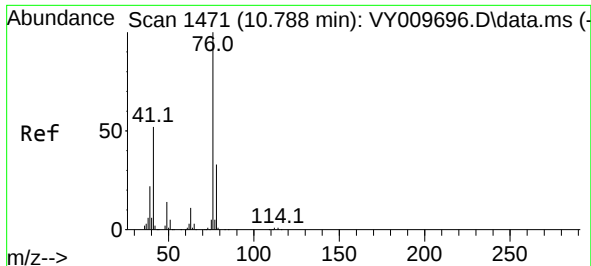
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 84539 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 84.7     | 69.8 104.8  |
| 85 53.3     | 44.3 66.5   |
| 99 63.2     | 49.8 74.6   |



#56  
Ethyl methacrylate  
Concen: 57.121 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

|             |              |
|-------------|--------------|
| Tgt Ion: 69 | Resp: 115531 |
| Ion Ratio   | Lower Upper  |
| 69 100      |              |
| 41 64.7     | 63.4 95.0    |
| 39 33.6     | 35.8 53.8#   |





#57

1,3-Dichloropropane

Concen: 54.240 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009711.D

Acq: 26 Jul 2022 19:27

Instrument :

MSVOA\_Y

ClientSampleId :

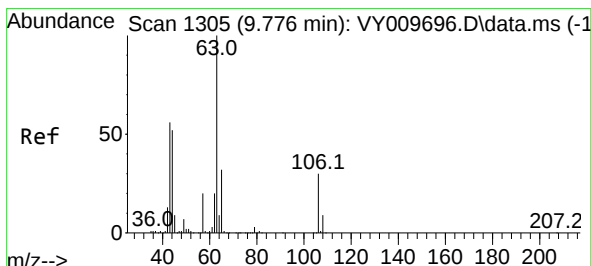
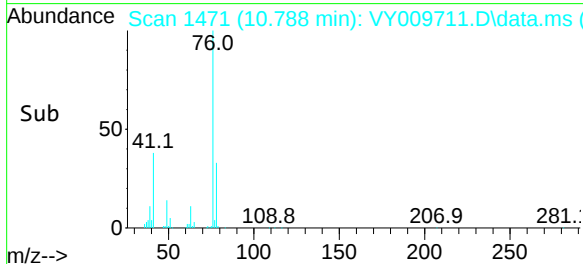
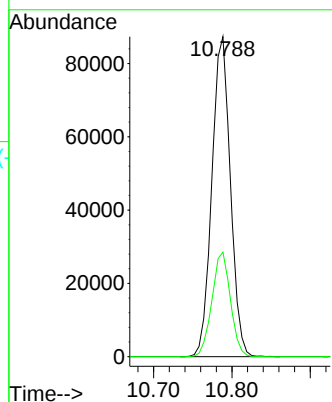
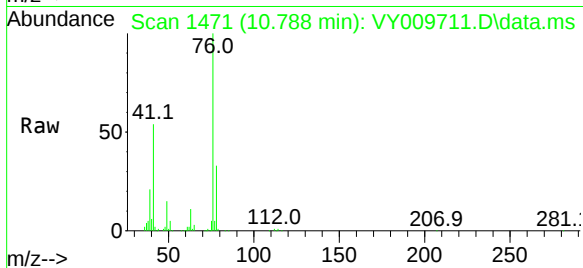
VSTDCCC050EC

Tgt Ion: 76 Resp: 143212

Ion Ratio Lower Upper

76 100

78 32.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 266.499 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009711.D

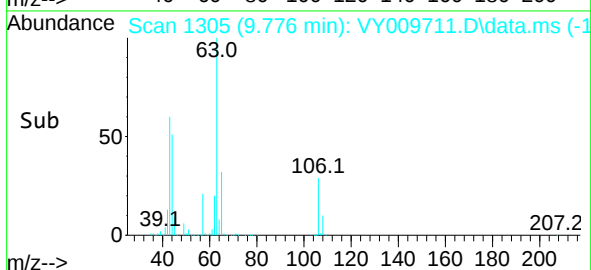
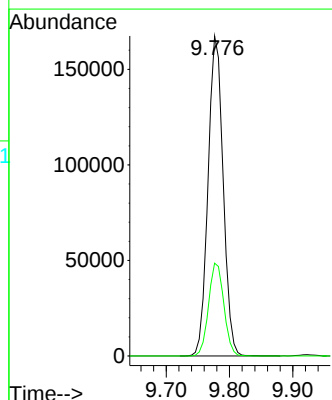
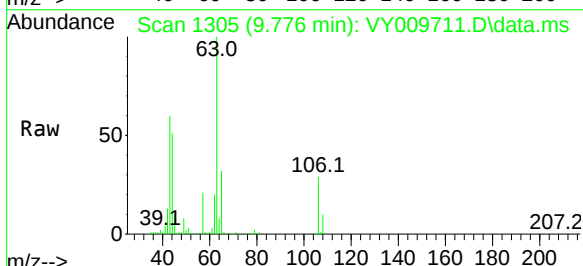
Acq: 26 Jul 2022 19:27

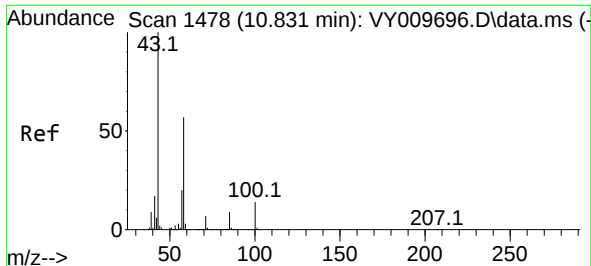
Tgt Ion: 63 Resp: 278232

Ion Ratio Lower Upper

63 100

106 29.4 21.5 32.3

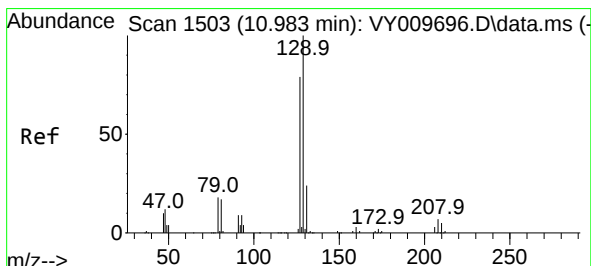
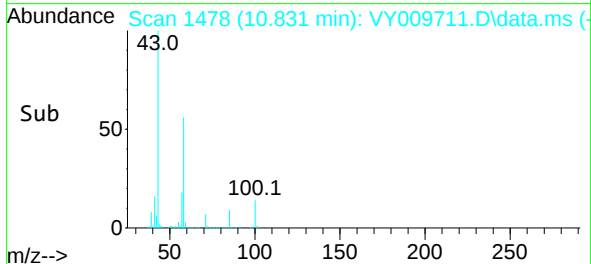
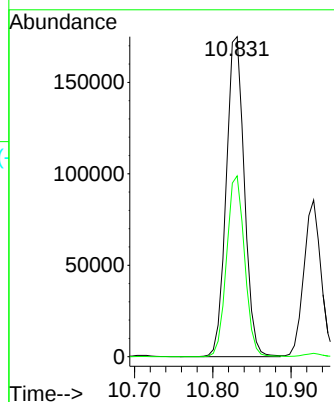
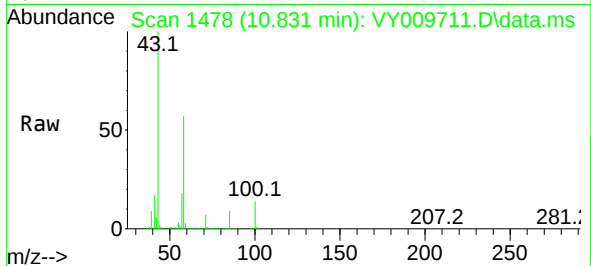




#59  
2-Hexanone  
Concen: 279.392 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

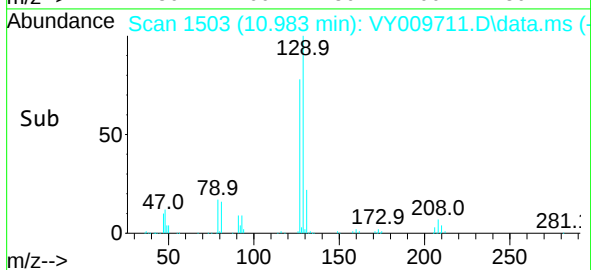
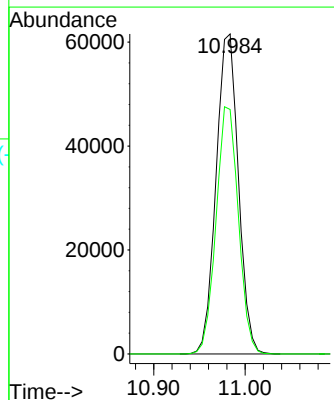
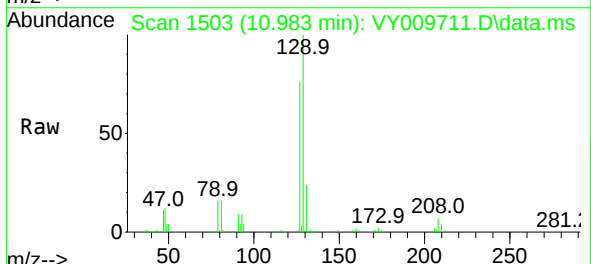
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

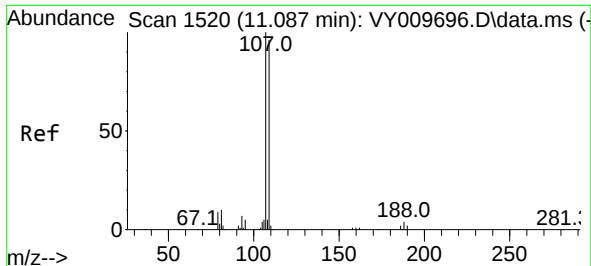
Tgt Ion: 43 Resp: 281384  
Ion Ratio Lower Upper  
43 100  
58 56.1 24.4 73.4



#60  
Dibromochloromethane  
Concen: 53.235 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion: 129 Resp: 104533  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.7 116.1

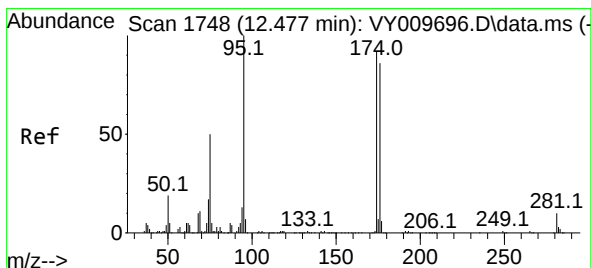
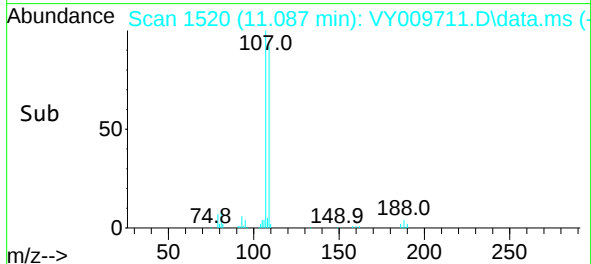
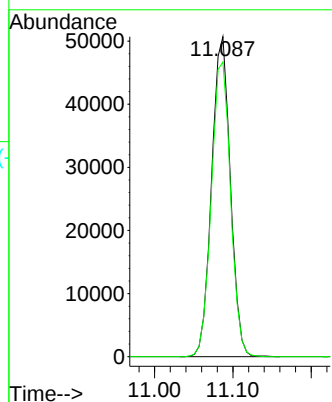
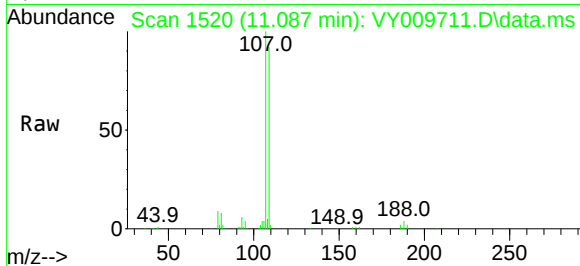




#61  
1,2-Dibromoethane  
Concen: 53.124 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

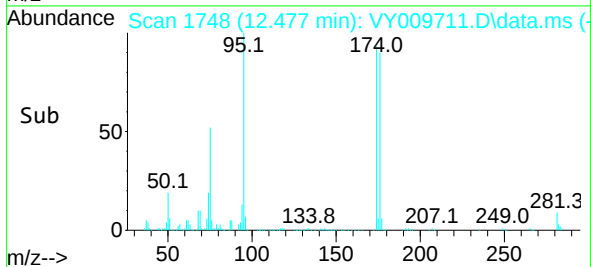
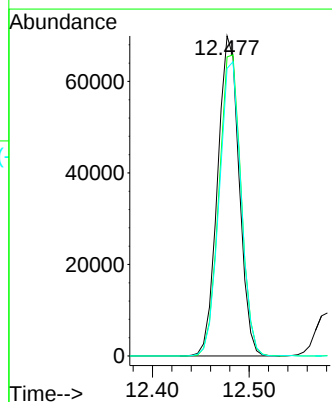
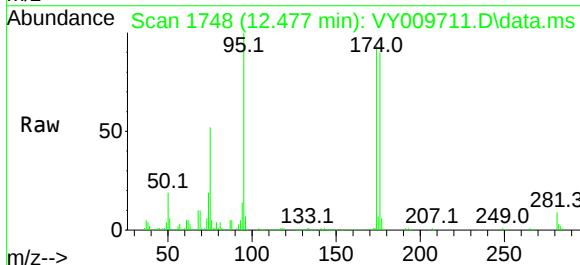
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

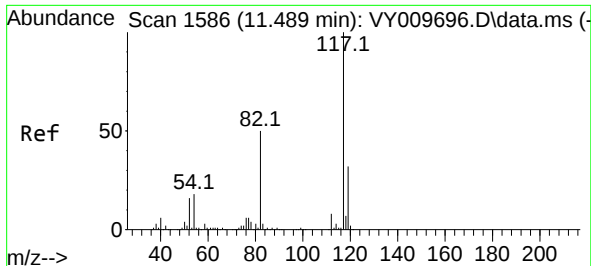
Tgt Ion:107 Resp: 84010  
Ion Ratio Lower Upper  
107 100  
109 94.7 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 49.401 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion: 95 Resp: 107997  
Ion Ratio Lower Upper  
95 100  
174 96.0 0.0 177.0  
176 93.0 0.0 175.8

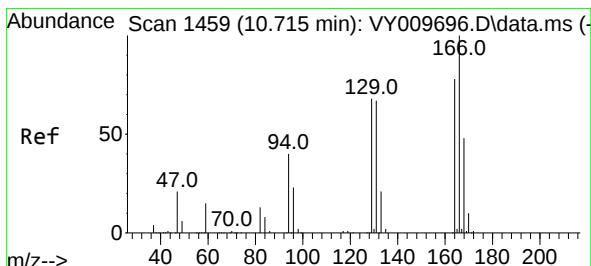
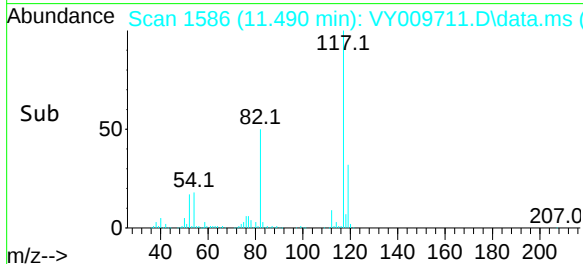
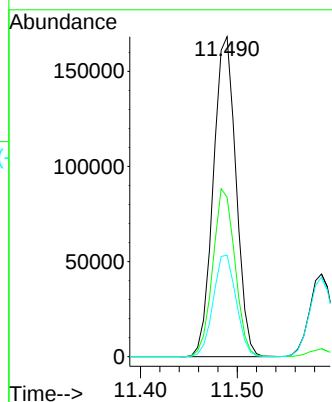
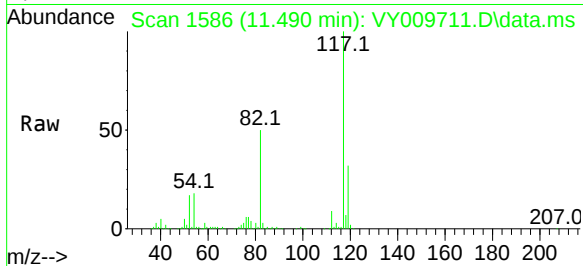




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

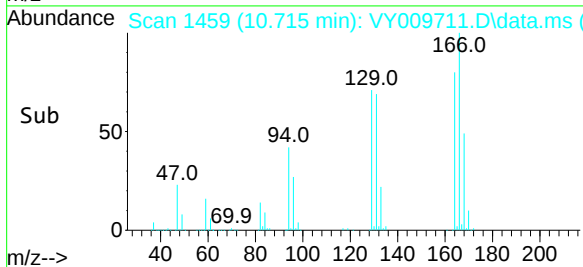
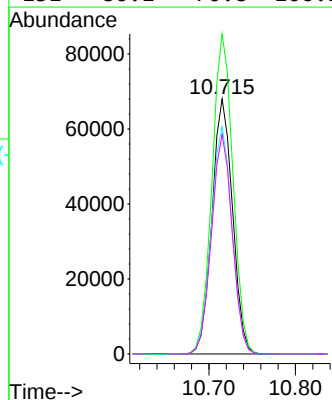
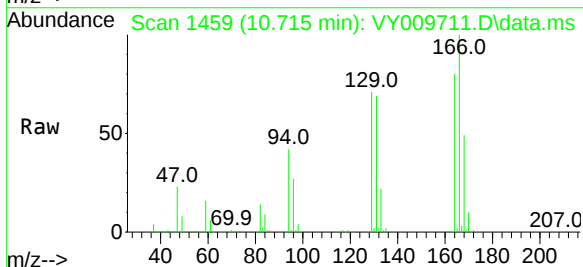
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

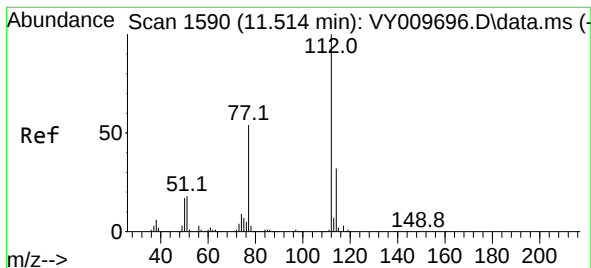
Tgt Ion:117 Resp: 273967  
Ion Ratio Lower Upper  
117 100  
82 49.9 43.0 64.4  
119 31.8 25.4 38.0



#64  
Tetrachloroethene  
Concen: 51.834 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion:164 Resp: 111969  
Ion Ratio Lower Upper  
164 100  
166 125.5 100.4 150.6  
129 89.1 71.4 107.0  
131 86.1 70.8 106.2

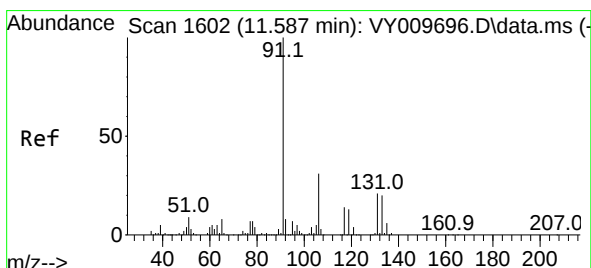
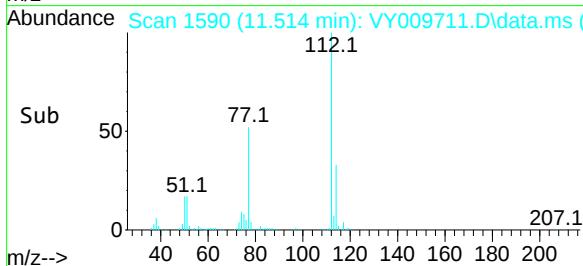
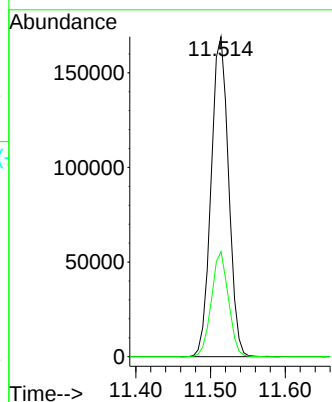
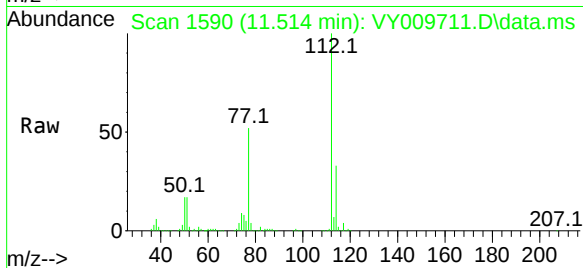




#65  
Chlorobenzene  
Concen: 49.908 ug/l  
RT: 11.514 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

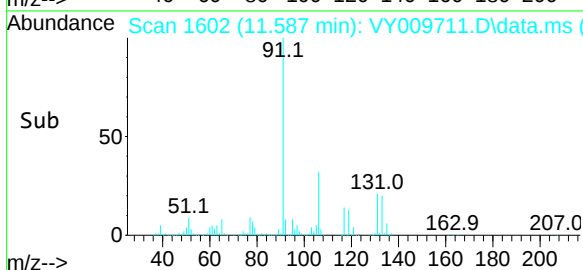
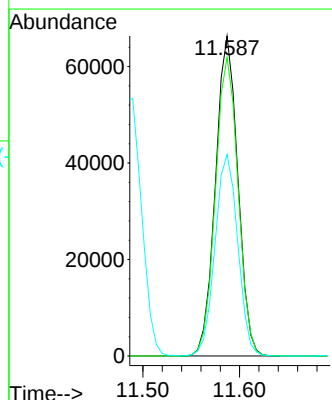
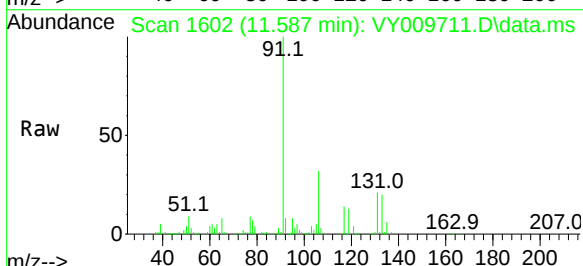
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

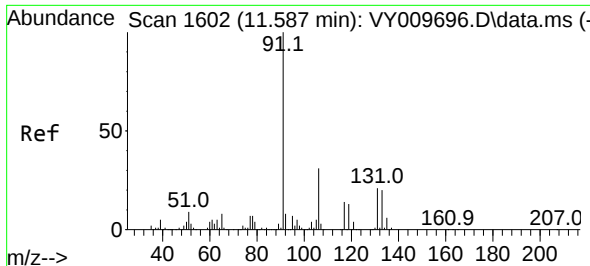
Tgt Ion:112 Resp: 274375  
Ion Ratio Lower Upper  
112 100  
114 32.9 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.946 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion:131 Resp: 106272  
Ion Ratio Lower Upper  
131 100  
133 94.8 47.9 143.6  
119 64.1 30.8 92.3

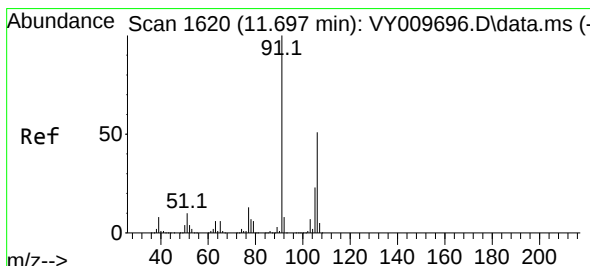
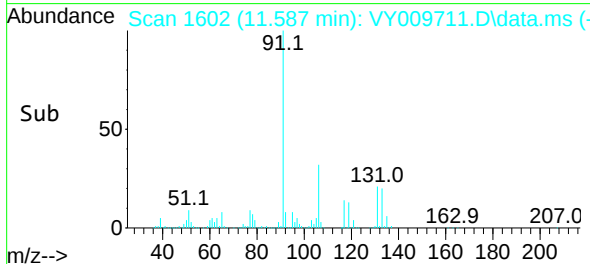
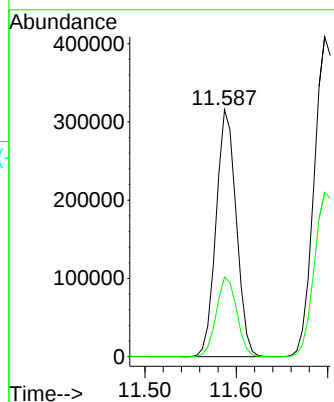
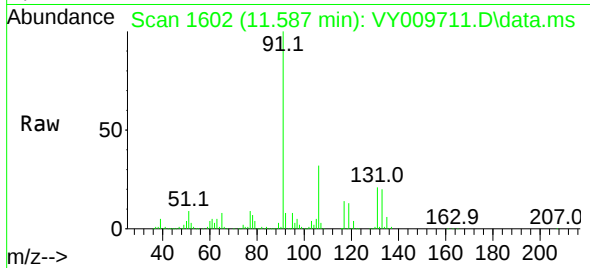




#67  
Ethyl Benzene  
Concen: 51.079 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

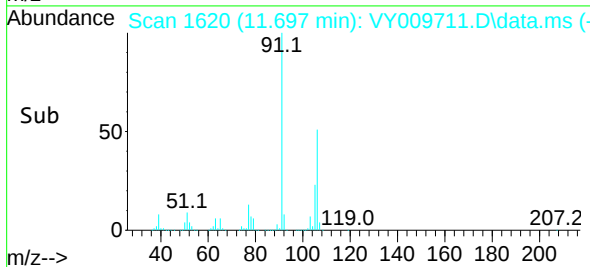
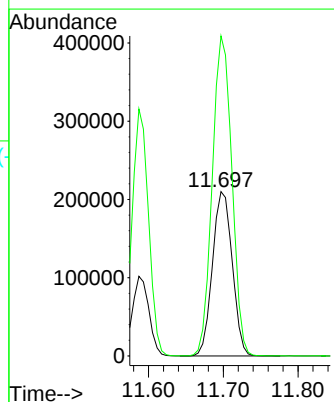
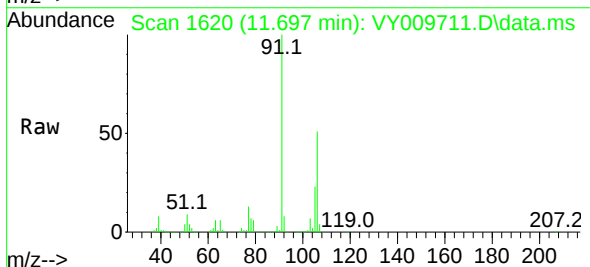
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

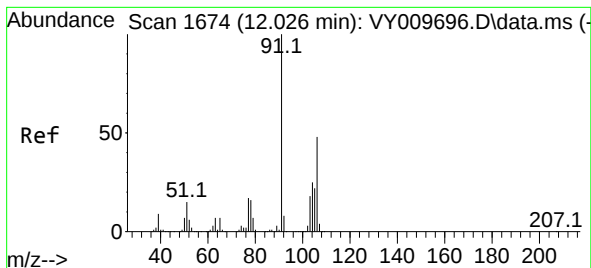
Tgt Ion: 91 Resp: 485382  
Ion Ratio Lower Upper  
91 100  
106 32.2 24.5 36.7



#68  
m/p-Xylenes  
Concen: 102.560 ug/l  
RT: 11.697 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion: 106 Resp: 386872  
Ion Ratio Lower Upper  
106 100  
91 193.2 166.6 249.8





#69

o-Xylene

Concen: 51.778 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009711.D

Acq: 26 Jul 2022 19:27

Instrument :

MSVOA\_Y

ClientSampleId :

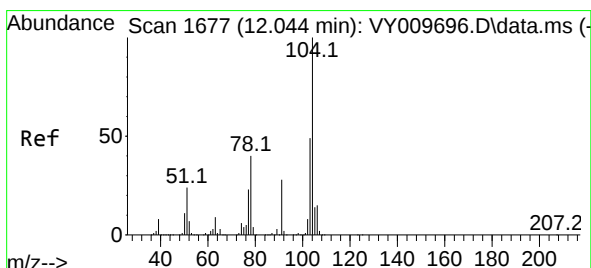
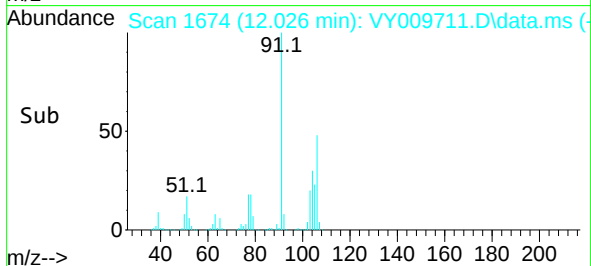
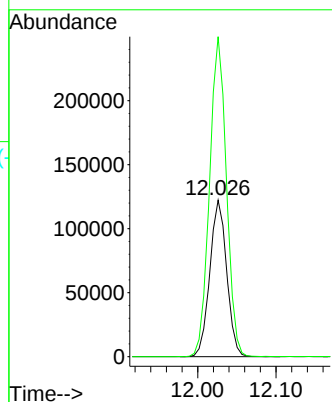
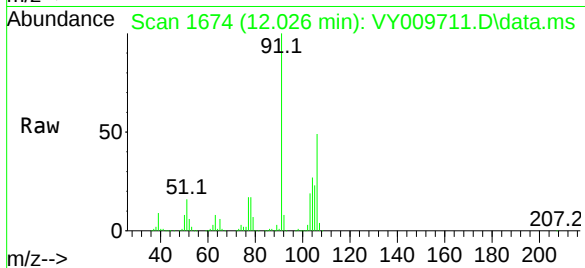
VSTDCCC050EC

Tgt Ion:106 Resp: 182652

Ion Ratio Lower Upper

106 100

91 204.5 110.3 331.0



#70

Styrene

Concen: 52.515 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY009711.D

Acq: 26 Jul 2022 19:27

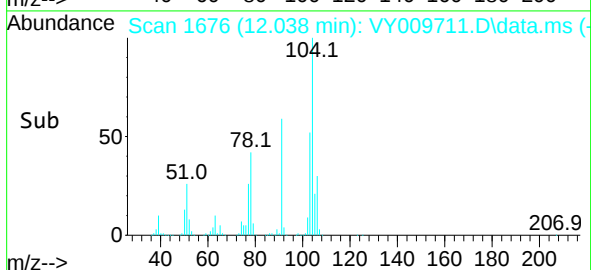
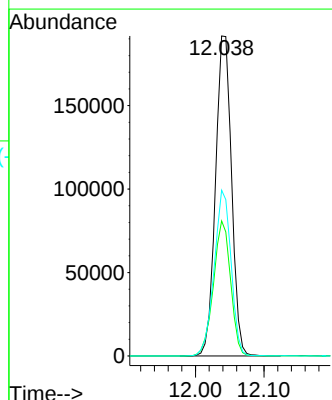
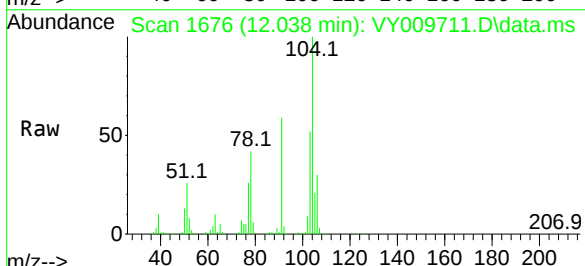
Tgt Ion:104 Resp: 311350

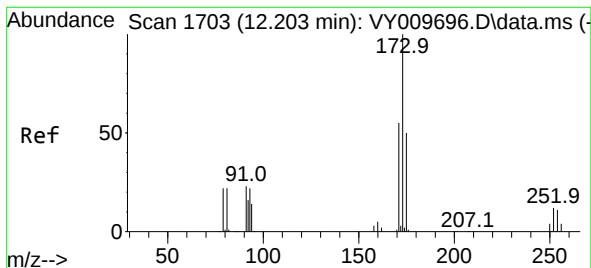
Ion Ratio Lower Upper

104 100

78 45.1 42.4 63.6

103 54.7 44.4 66.6





#71

Bromoform

Concen: 53.290 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009711.D

Acq: 26 Jul 2022 19:27

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

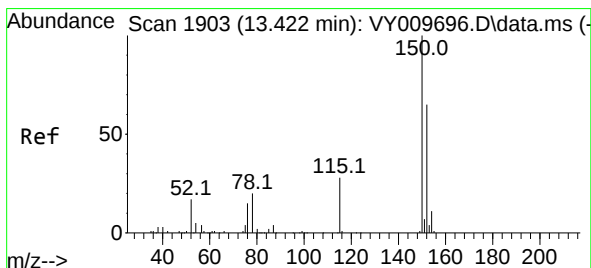
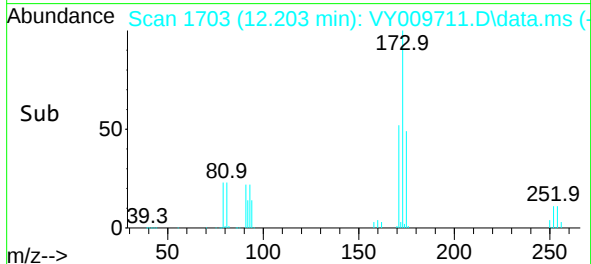
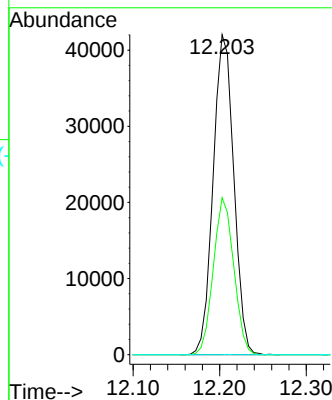
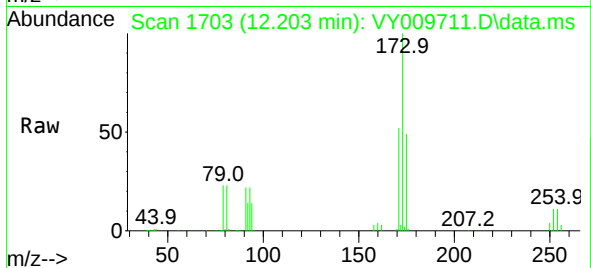
Tgt Ion:173 Resp: 69618

Ion Ratio Lower Upper

173 100

175 48.5 24.6 74.0

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009711.D

Acq: 26 Jul 2022 19:27

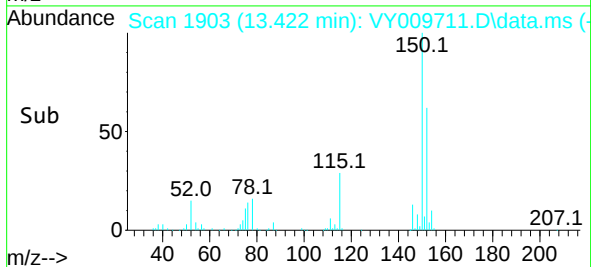
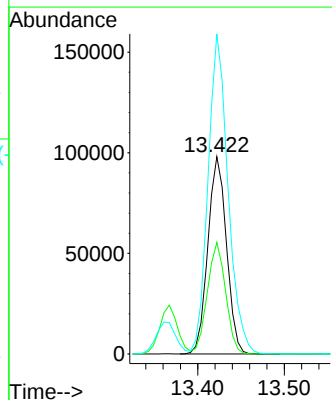
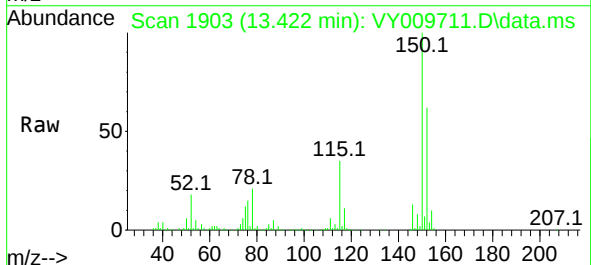
Tgt Ion:152 Resp: 146417

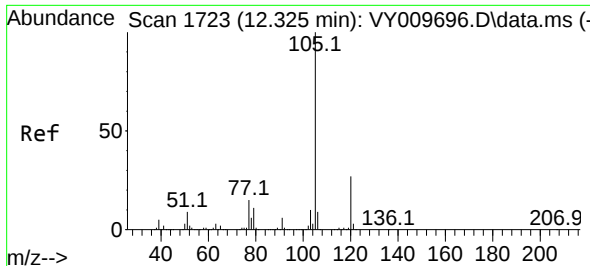
Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 174.4 0.0 347.6

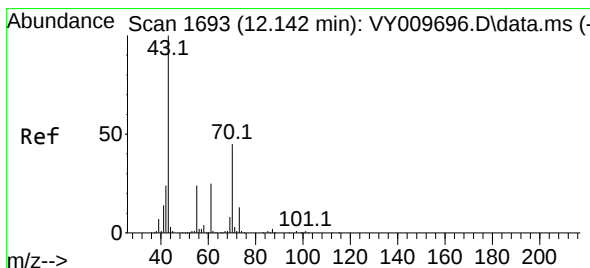
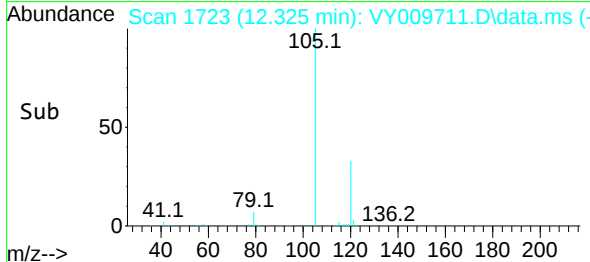
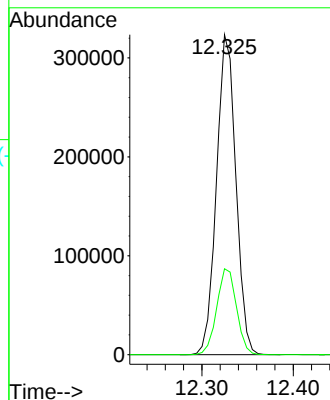
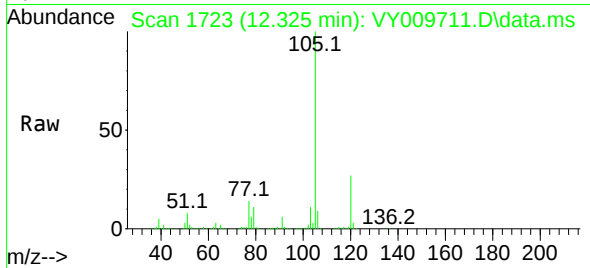




#73  
Isopropylbenzene  
Concen: 48.921 ug/l  
RT: 12.325 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

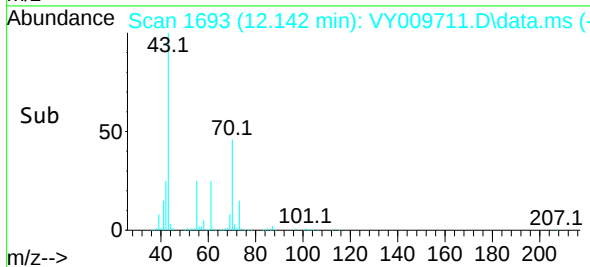
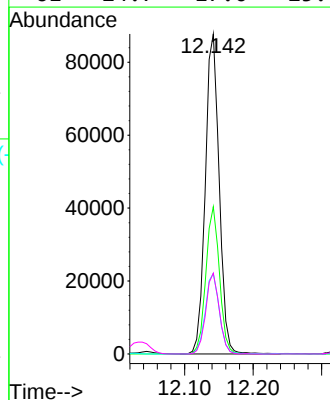
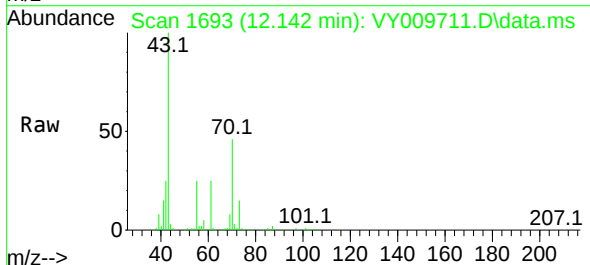
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

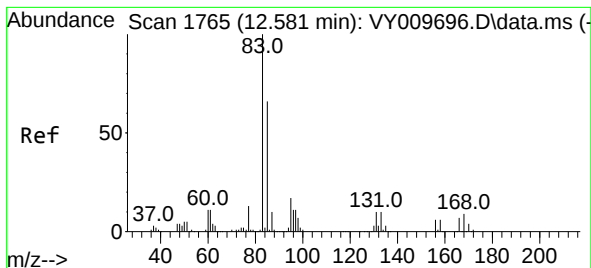
Tgt Ion:105 Resp: 476163  
Ion Ratio Lower Upper  
105 100  
120 27.4 13.4 40.2



#74  
N-ethyl acetate  
Concen: 49.256 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion: 43 Resp: 123832  
Ion Ratio Lower Upper  
43 100  
70 45.1 28.7 43.1#  
55 25.5 17.3 25.9  
61 24.7 17.0 25.6

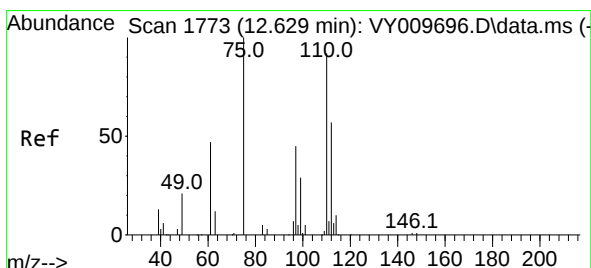
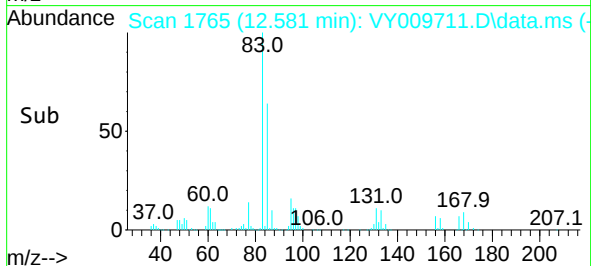
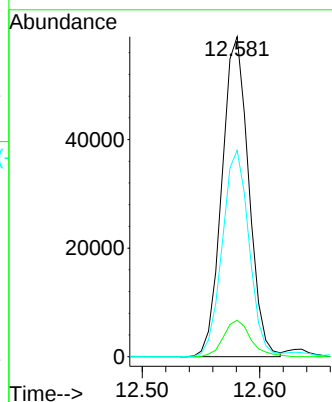
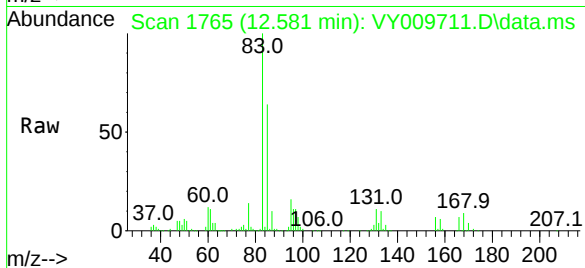




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 48.649 ug/l  
 RT: 12.581 min Scan# 1765  
 Delta R.T. -0.000 min  
 Lab File: VY009711.D  
 Acq: 26 Jul 2022 19:27

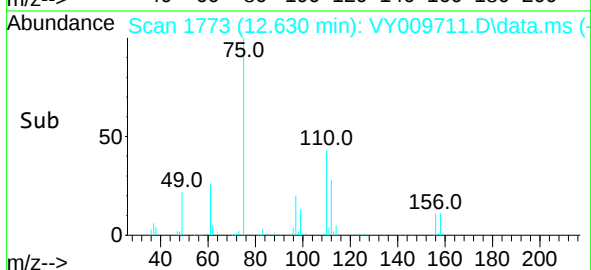
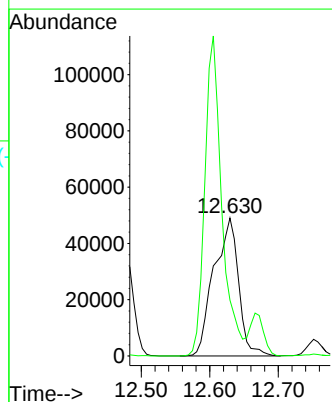
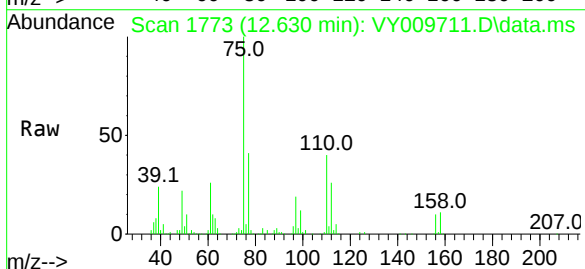
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

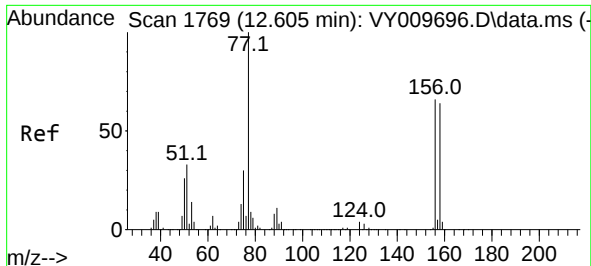
Tgt Ion: 83 Resp: 93138  
 Ion Ratio Lower Upper  
 83 100  
 131 11.6 5.6 16.8  
 85 64.6 32.3 96.8



#76  
 1,2,3-Trichloropropane  
 Concen: 90.160 ug/l  
 RT: 12.630 min Scan# 1773  
 Delta R.T. 0.001 min  
 Lab File: VY009711.D  
 Acq: 26 Jul 2022 19:27

Tgt Ion: 75 Resp: 122618  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

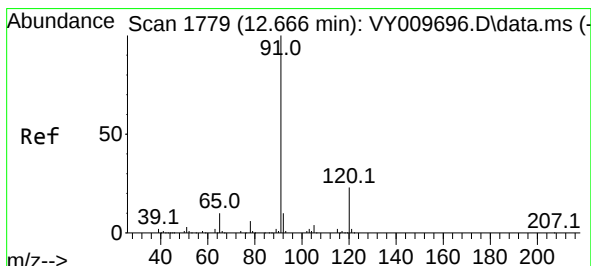
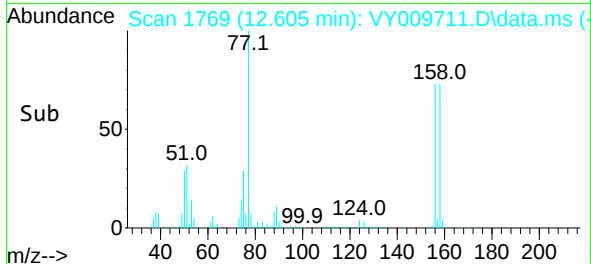
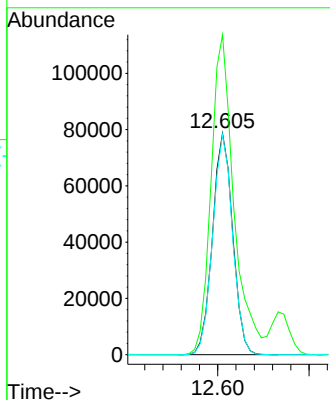
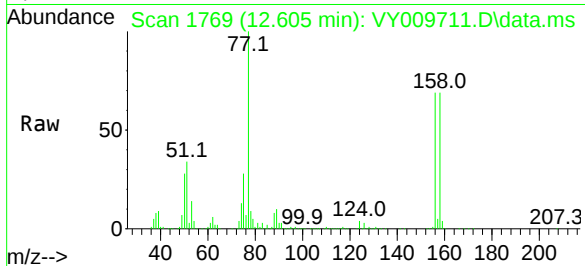




#77  
Bromobenzene  
Concen: 49.803 ug/l  
RT: 12.605 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

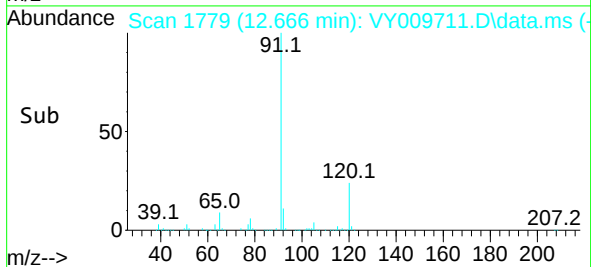
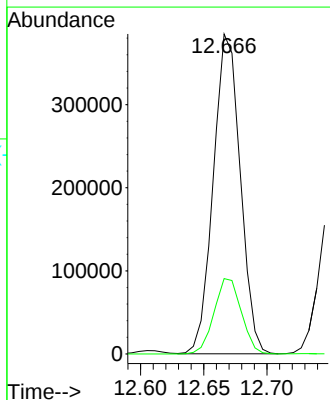
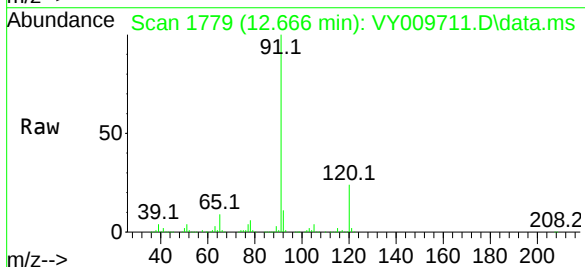
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

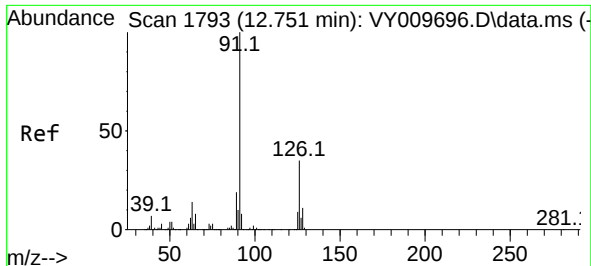
Tgt Ion:156 Resp: 120387  
Ion Ratio Lower Upper  
156 100  
77 163.1 95.5 286.4  
158 98.3 48.0 144.0



#78  
n-propylbenzene  
Concen: 49.275 ug/l  
RT: 12.666 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion: 91 Resp: 569951  
Ion Ratio Lower Upper  
91 100  
120 23.8 11.3 33.9





#79

2-Chlorotoluene

Concen: 48.722 ug/l

RT: 12.751 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VY009711.D

Acq: 26 Jul 2022 19:27

Instrument :

MSVOA\_Y

ClientSampleId :

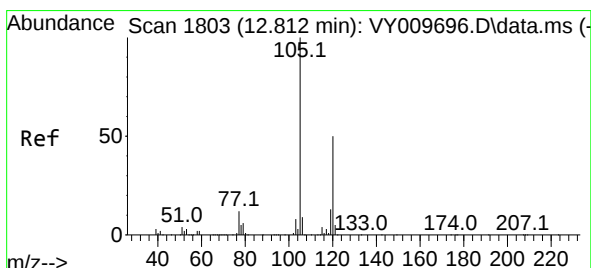
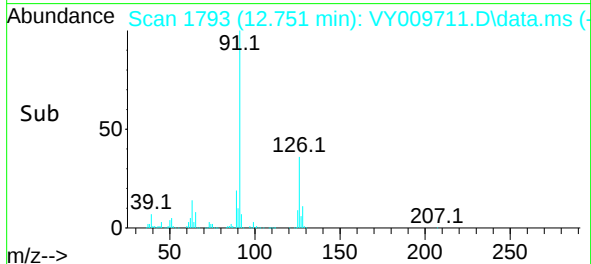
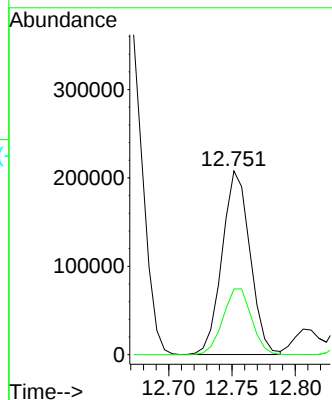
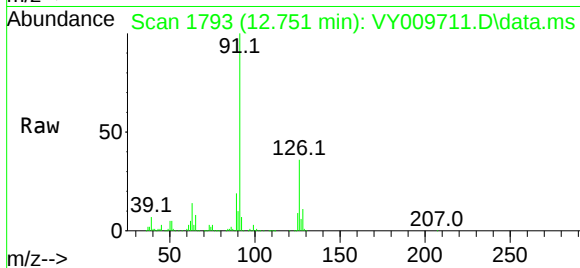
VSTDCCC050EC

Tgt Ion: 91 Resp: 318943

Ion Ratio Lower Upper

91 100

126 36.9 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 49.971 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY009711.D

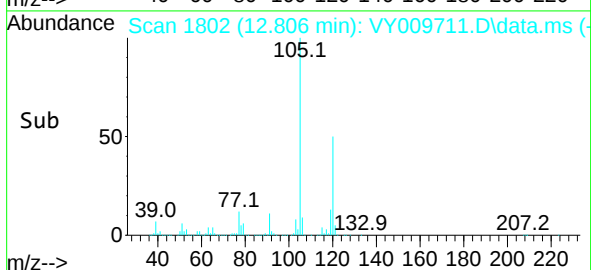
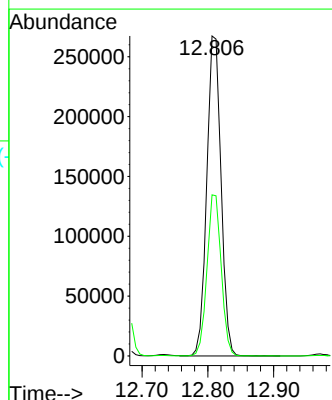
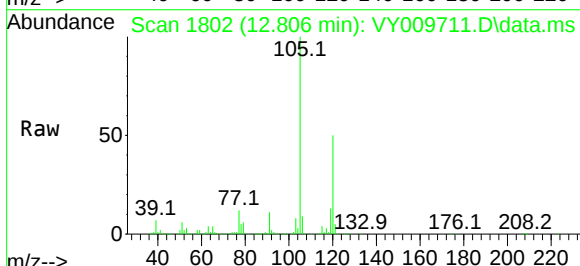
Acq: 26 Jul 2022 19:27

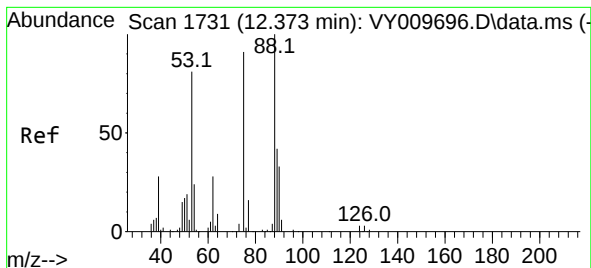
Tgt Ion: 105 Resp: 403104

Ion Ratio Lower Upper

105 100

120 50.2 24.4 73.4

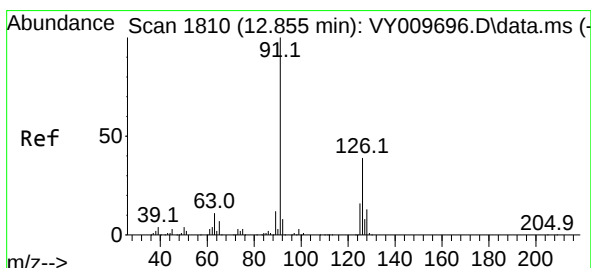
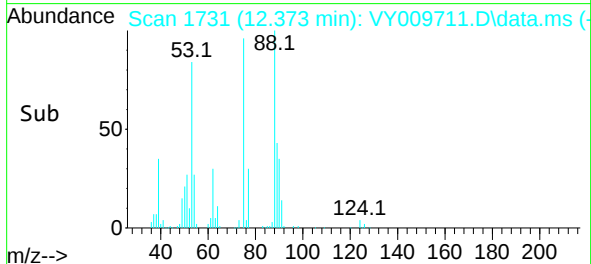
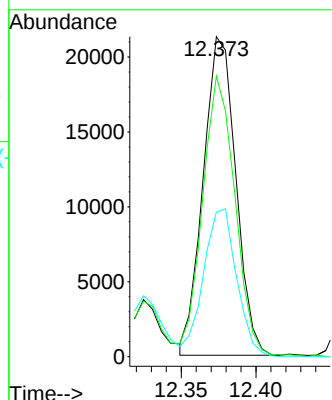
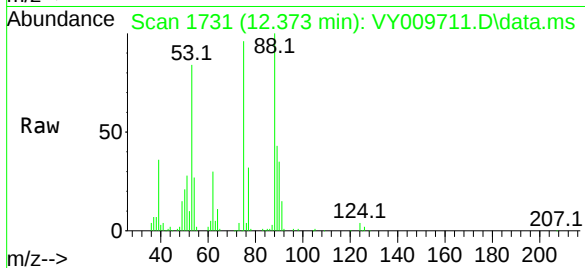




#81  
trans-1,4-Dichloro-2-butene  
Concen: 47.266 ug/l  
RT: 12.373 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

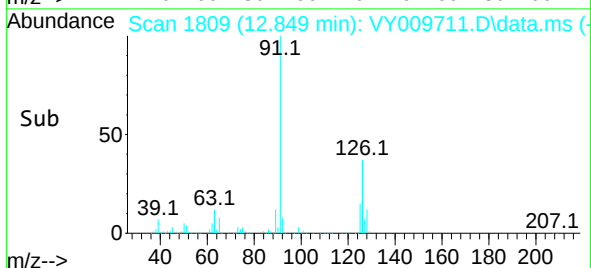
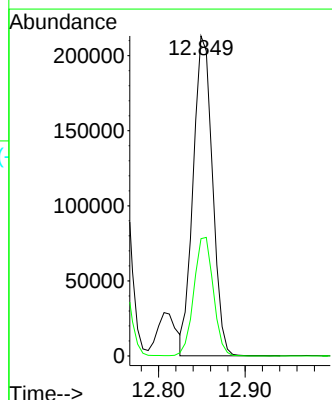
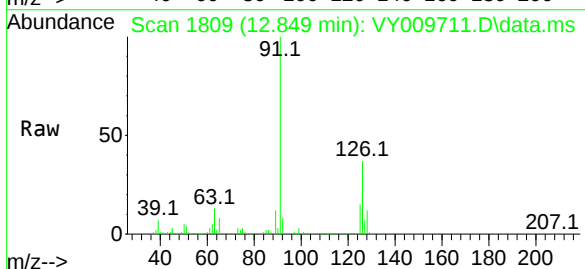
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

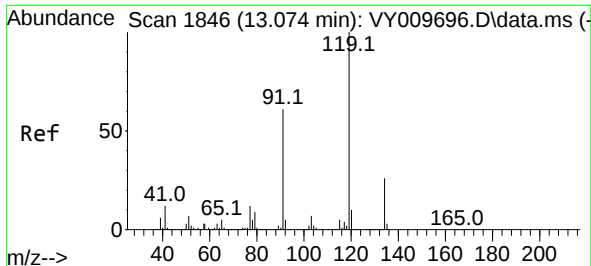
Tgt Ion: 75 Resp: 32249  
Ion Ratio Lower Upper  
75 100  
53 87.6 85.3 127.9  
89 47.1 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 48.365 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion: 91 Resp: 329359  
Ion Ratio Lower Upper  
91 100  
126 37.4 17.0 51.0





#83

tert-Butylbenzene

Concen: 50.189 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY009711.D

Acq: 26 Jul 2022 19:27

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

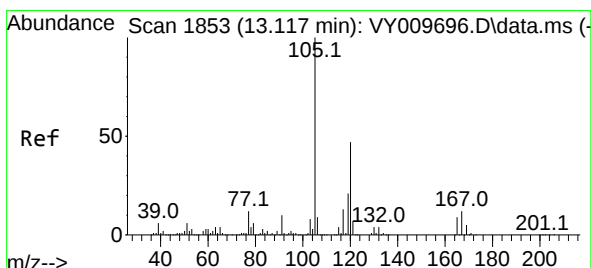
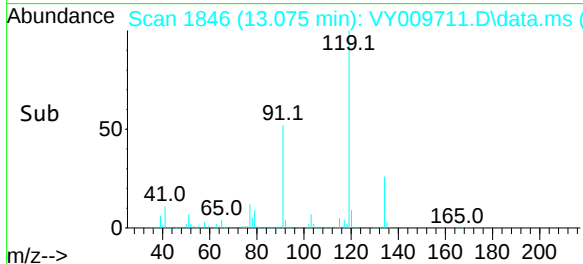
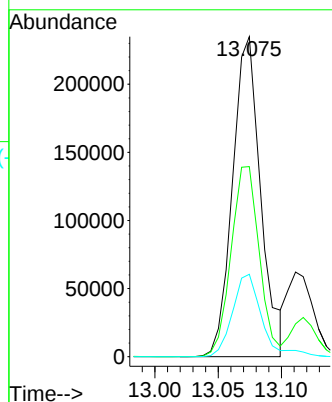
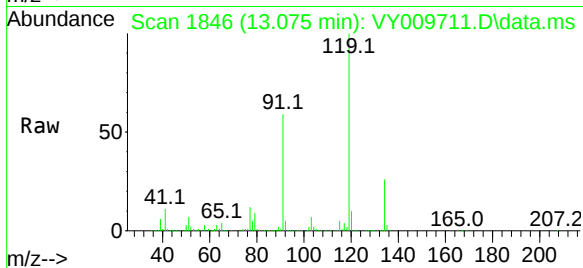
Tgt Ion:119 Resp: 363834

Ion Ratio Lower Upper

119 100

91 59.8 34.8 104.4

134 26.9 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 50.330 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009711.D

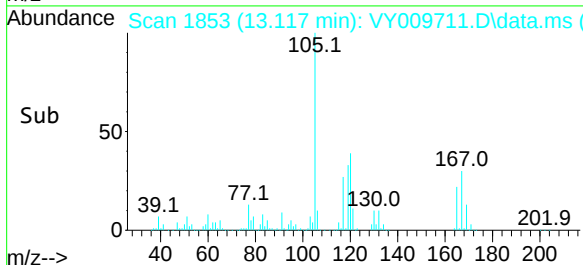
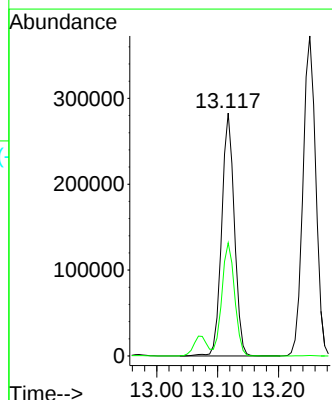
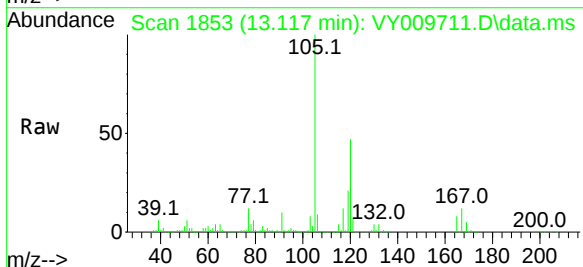
Acq: 26 Jul 2022 19:27

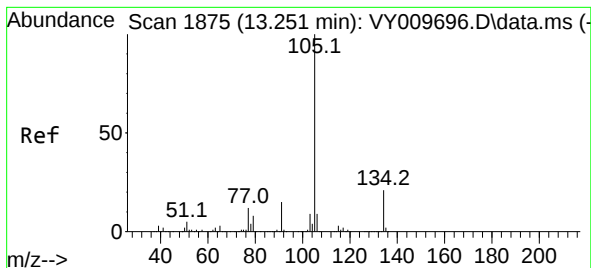
Tgt Ion:105 Resp: 409215

Ion Ratio Lower Upper

105 100

120 46.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 51.056 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009711.D

Acq: 26 Jul 2022 19:27

Instrument :

MSVOA\_Y

ClientSampleId :

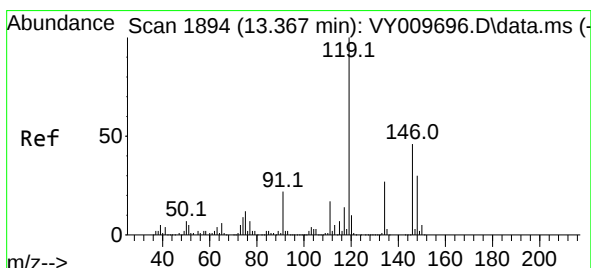
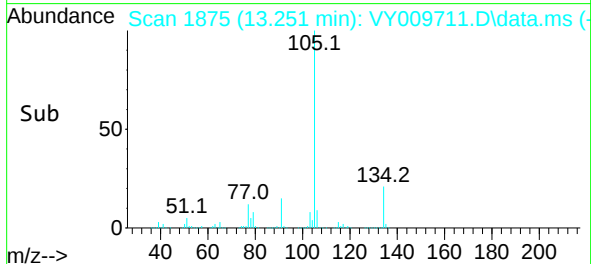
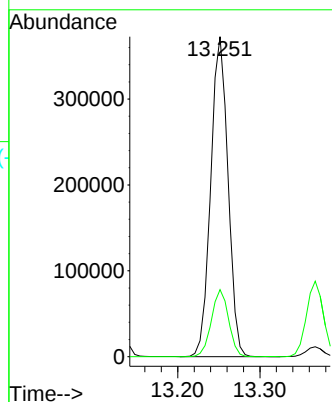
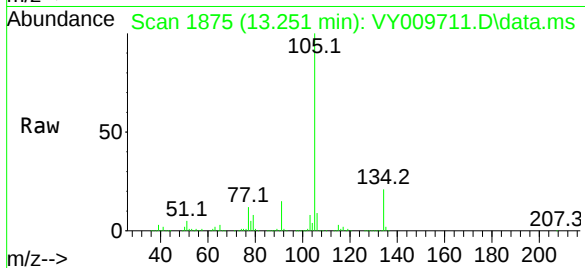
VSTDCCC050EC

Tgt Ion:105 Resp: 543419

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.4



#86

p-Isopropyltoluene

Concen: 51.330 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009711.D

Acq: 26 Jul 2022 19:27

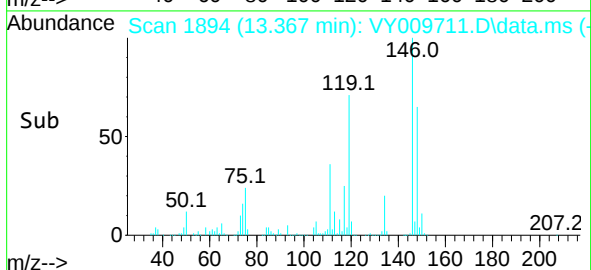
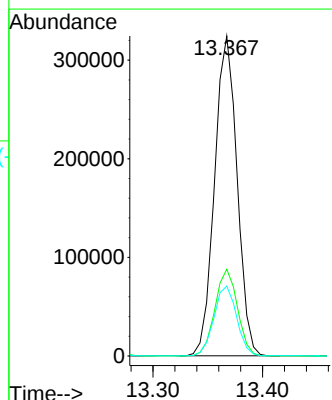
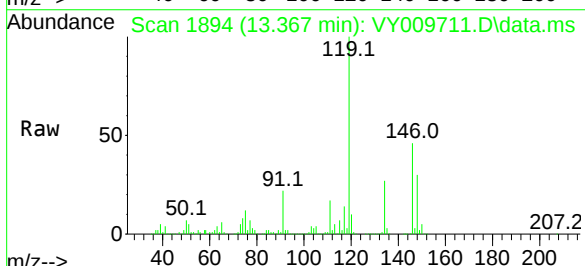
Tgt Ion:119 Resp: 462084

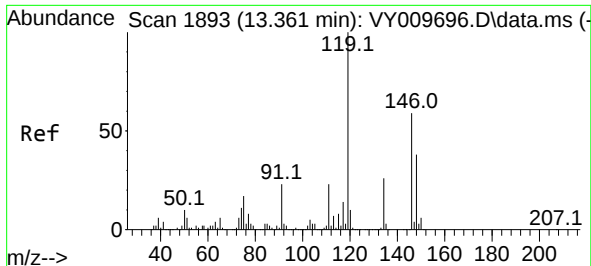
Ion Ratio Lower Upper

119 100

134 27.2 13.2 39.5

91 22.1 12.4 37.2

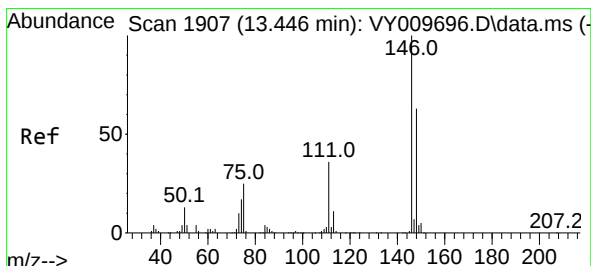
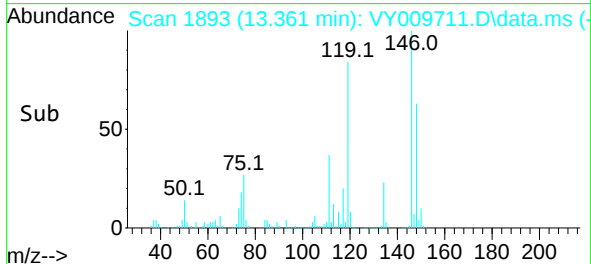
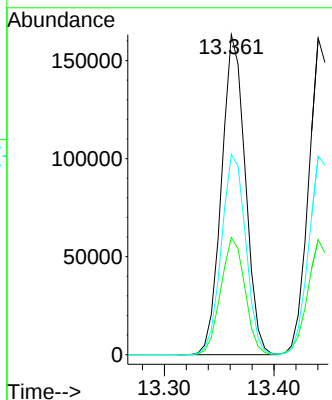
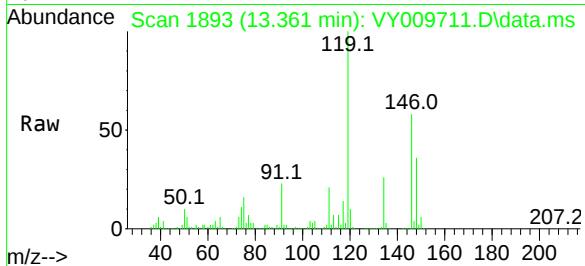




#87  
 1,3-Dichlorobenzene  
 Concen: 50.269 ug/l  
 RT: 13.361 min Scan# 1893  
 Delta R.T. 0.000 min  
 Lab File: VY009711.D  
 Acq: 26 Jul 2022 19:27

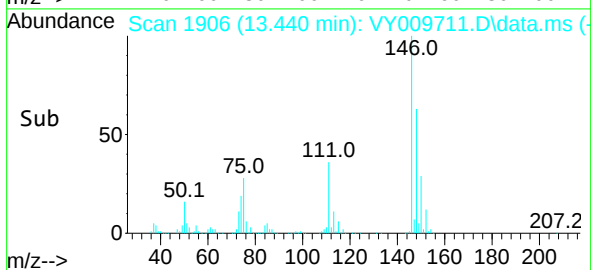
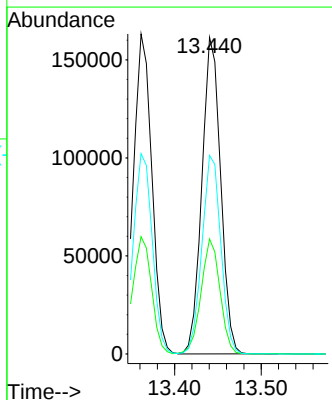
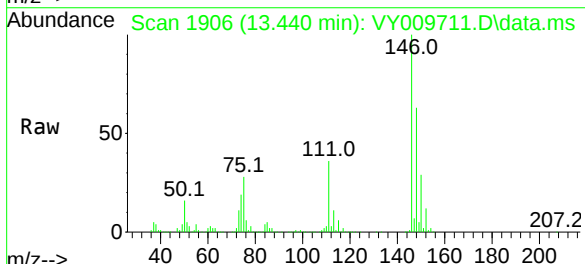
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

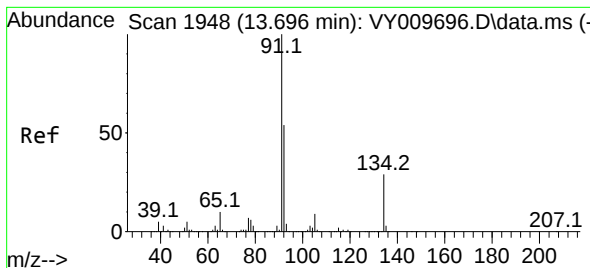
Tgt Ion:146 Resp: 245350  
 Ion Ratio Lower Upper  
 146 100  
 111 37.2 19.5 58.5  
 148 64.1 31.6 95.0



#88  
 1,4-Dichlorobenzene  
 Concen: 49.420 ug/l  
 RT: 13.440 min Scan# 1906  
 Delta R.T. -0.006 min  
 Lab File: VY009711.D  
 Acq: 26 Jul 2022 19:27

Tgt Ion:146 Resp: 242901  
 Ion Ratio Lower Upper  
 146 100  
 111 36.5 19.3 57.8  
 148 63.4 32.6 97.8





#89

n-Butylbenzene

Concen: 50.920 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY009711.D

Acq: 26 Jul 2022 19:27

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

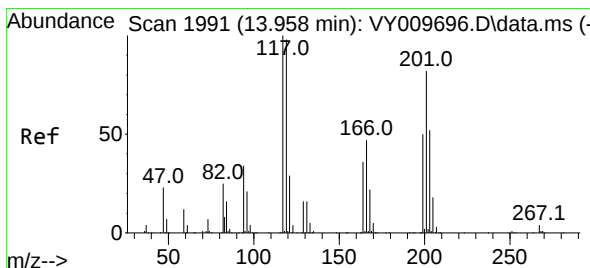
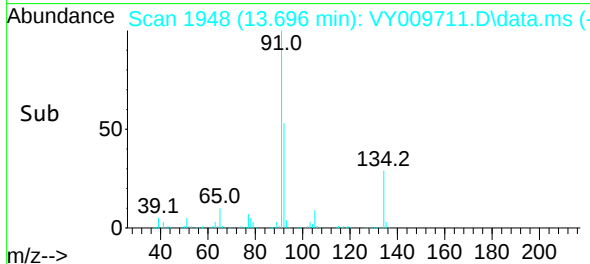
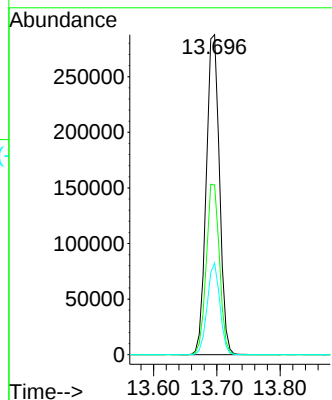
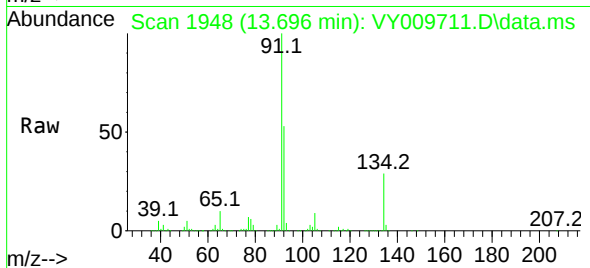
Tgt Ion: 91 Resp: 419959

Ion Ratio Lower Upper

91 100

92 53.0 26.3 78.9

134 27.3 13.0 38.9



#90

Hexachloroethane

Concen: 48.907 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY009711.D

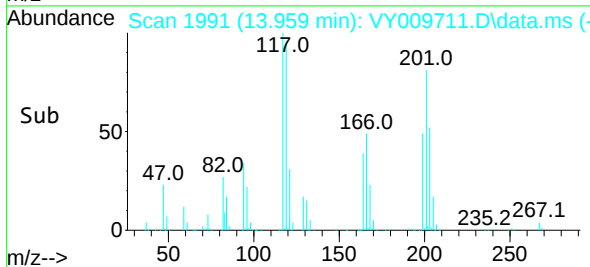
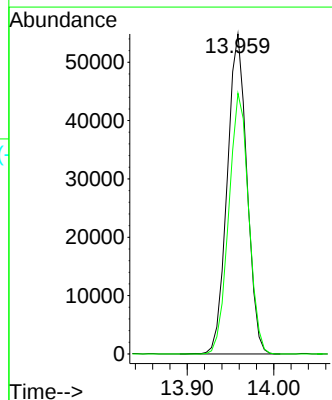
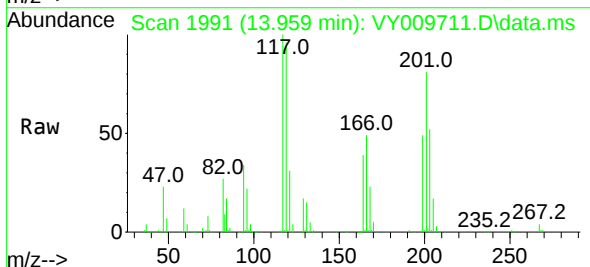
Acq: 26 Jul 2022 19:27

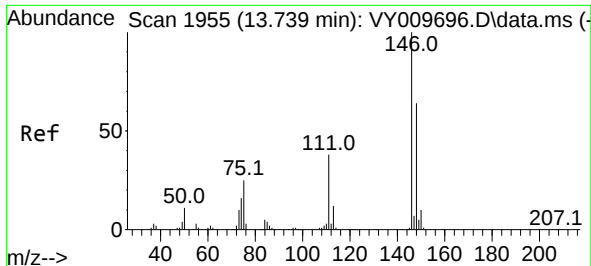
Tgt Ion: 117 Resp: 86606

Ion Ratio Lower Upper

117 100

201 82.2 43.0 128.8

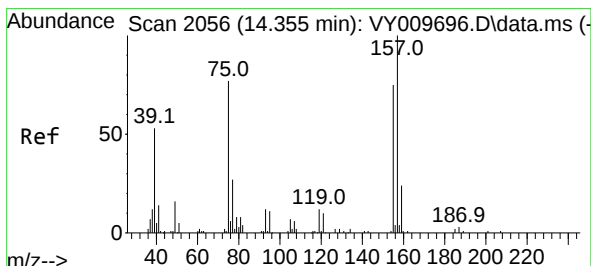
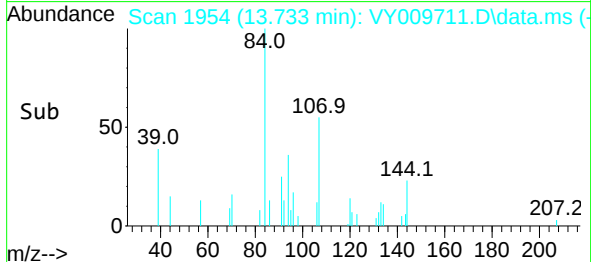
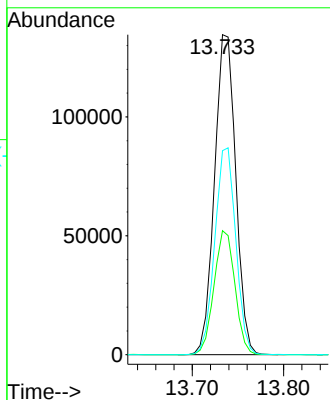
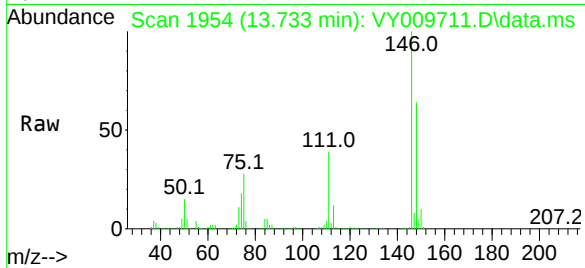




#91  
1,2-Dichlorobenzene  
Concen: 49.930 ug/l  
RT: 13.733 min Scan# 1954  
Delta R.T. -0.006 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

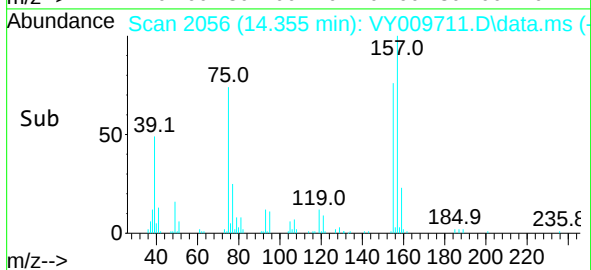
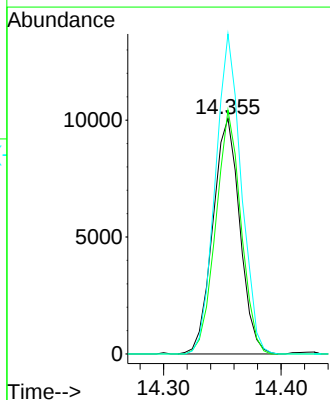
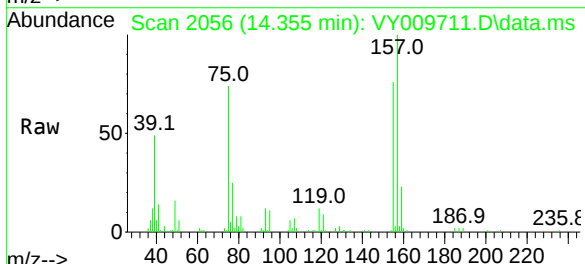
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

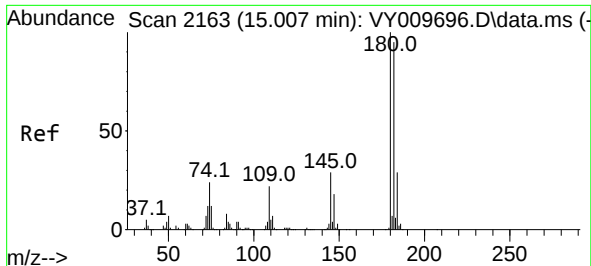
Tgt Ion:146 Resp: 217639  
Ion Ratio Lower Upper  
146 100  
111 38.2 20.3 60.9  
148 64.1 32.3 96.9



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 49.946 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion: 75 Resp: 16068  
Ion Ratio Lower Upper  
75 100  
155 96.5 38.0 113.9  
157 130.2 47.8 143.3

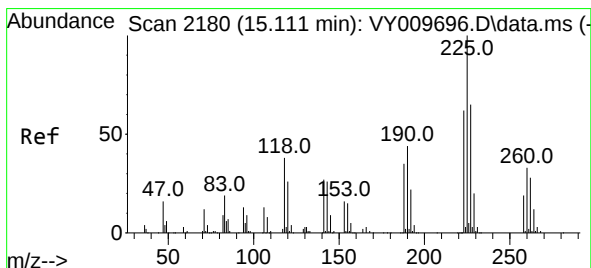
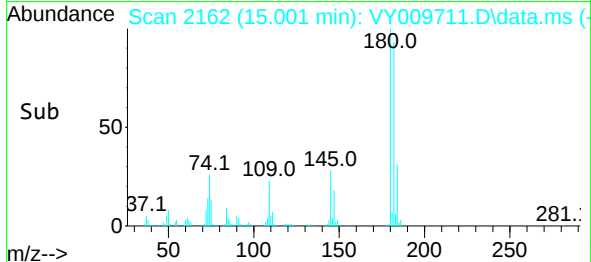
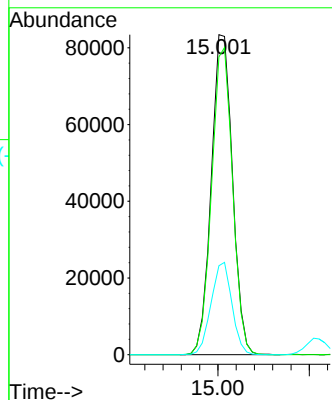
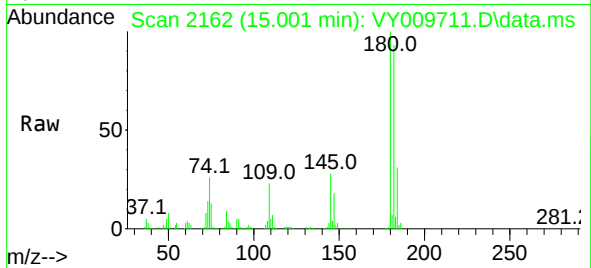




#93  
1,2,4-Trichlorobenzene  
Concen: 49.025 ug/l  
RT: 15.001 min Scan# 2162  
Delta R.T. -0.006 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

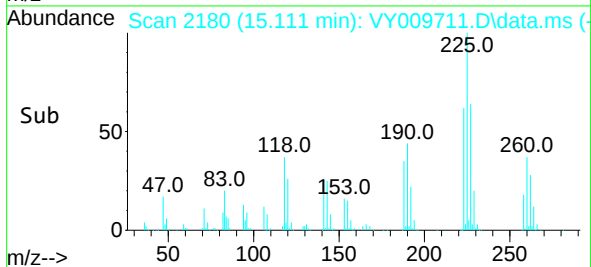
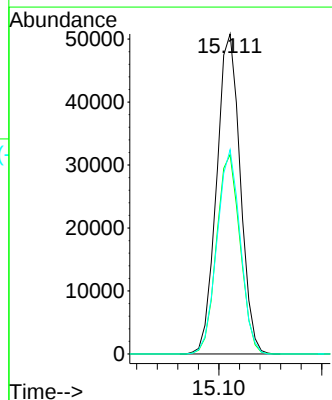
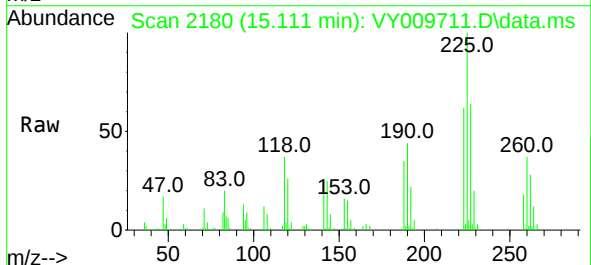
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

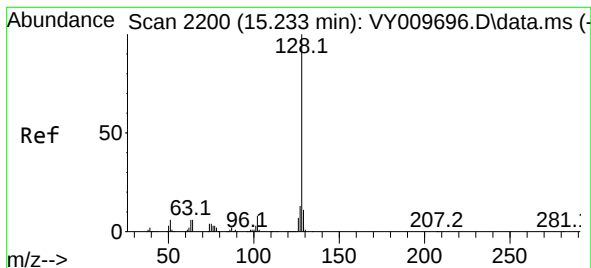
Tgt Ion:180 Resp: 134875  
Ion Ratio Lower Upper  
180 100  
182 94.8 47.3 141.9  
145 28.4 14.6 43.8



#94  
Hexachlorobutadiene  
Concen: 48.523 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY009711.D  
Acq: 26 Jul 2022 19:27

Tgt Ion:225 Resp: 80826  
Ion Ratio Lower Upper  
225 100  
223 62.2 30.8 92.3  
227 63.0 31.6 94.7





#95

Naphthalene

Concen: 53.143 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009711.D

Acq: 26 Jul 2022 19:27

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

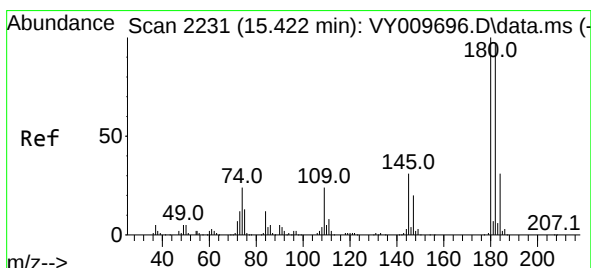
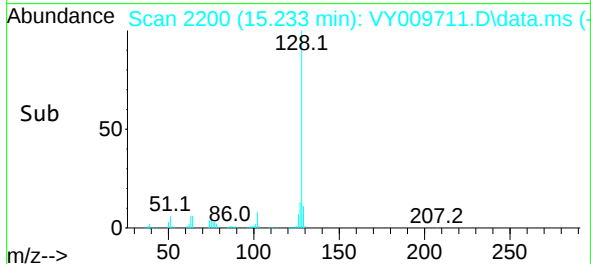
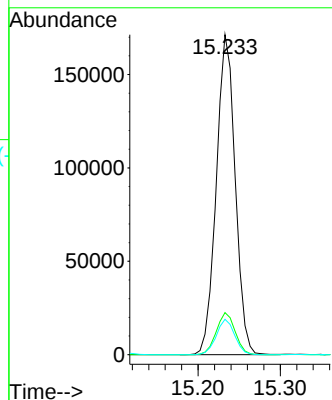
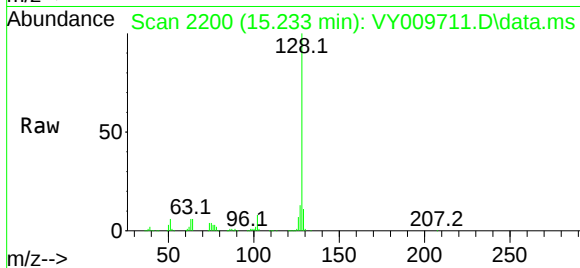
Tgt Ion:128 Resp: 274051

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 49.378 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009711.D

Acq: 26 Jul 2022 19:27

Tgt Ion:180 Resp: 118815

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 30.5 15.3 45.9

