

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041922\  
 Data File : VY008408.D  
 Acq On : 19 Apr 2022 20:00  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Apr 20 06:32:14 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y040822S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 08 16:02:50 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.789  | 168   | 120664   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.691  | 114   | 212272   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.489 | 117   | 199524   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428 | 152   | 105955   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.142  | 65    | 57930    | 51.111   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 102.220% |
| 35) Dibromofluoromethane     | 7.722  | 113   | 60377    | 49.245   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 98.500%  |
| 50) Toluene-d8               | 10.179 | 98    | 200899   | 47.887   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 95.780%  |
| 62) 4-Bromofluorobenzene     | 12.483 | 95    | 77365    | 49.029   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 98.060%  |
| Target Compounds             |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.906  | 85    | 45493    | 45.526   | ug/l   | 96       |
| 3) Chloromethane             | 2.113  | 50    | 60283    | 53.698   | ug/l   | 96       |
| 4) Vinyl Chloride            | 2.253  | 62    | 82622    | 48.064   | ug/l   | 98       |
| 5) Bromomethane              | 2.650  | 94    | 78255    | 59.472   | ug/l   | 98       |
| 6) Chloroethane              | 2.796  | 64    | 57894    | 48.085   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.125  | 101   | 105289   | 51.475   | ug/l   | 91       |
| 8) Diethyl Ether             | 3.527  | 74    | 38992    | 52.748   | ug/l   | 71       |
| 9) 1,1,2-Trichlorotrifluo... | 3.899  | 101   | 69813    | 52.544   | ug/l   | 92       |
| 10) Methyl Iodide            | 4.094  | 142   | 66569    | 45.080   | ug/l   | 91       |
| 11) Tert butyl alcohol       | 4.948  | 59    | 42980    | 354.702  | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 3.875  | 96    | 59257    | 49.790   | ug/l # | 76       |
| 13) Acrolein                 | 3.729  | 56    | 18760    | 196.626  | ug/l   | 99       |
| 14) Allyl chloride           | 4.479  | 41    | 83218    | 53.577   | ug/l # | 90       |
| 15) Acrylonitrile            | 5.161  | 53    | 106485   | 294.523  | ug/l   | 97       |
| 16) Acetone                  | 3.948  | 43    | 74742    | 274.166  | ug/l # | 89       |
| 17) Carbon Disulfide         | 4.198  | 76    | 127963   | 40.756   | ug/l   | 99       |
| 18) Methyl Acetate           | 4.472  | 43    | 44281    | 69.634   | ug/l # | 82       |
| 19) Methyl tert-butyl Ether  | 5.222  | 73    | 215631   | 58.710   | ug/l   | 94       |
| 20) Methylene Chloride       | 4.716  | 84    | 83275    | 59.255   | ug/l # | 82       |
| 21) trans-1,2-Dichloroethene | 5.222  | 96    | 72417    | 50.785   | ug/l # | 81       |
| 22) Diisopropyl ether        | 6.118  | 45    | 213645   | 58.301   | ug/l # | 92       |
| 23) Vinyl Acetate            | 6.058  | 43    | 716406   | 301.714  | ug/l # | 85       |
| 24) 1,1-Dichloroethane       | 6.015  | 63    | 134190   | 57.047   | ug/l   | 97       |
| 25) 2-Butanone               | 6.984  | 43    | 128268   | 300.901  | ug/l # | 78       |
| 26) 2,2-Dichloropropane      | 6.978  | 77    | 122376   | 56.493   | ug/l   | 93       |
| 27) cis-1,2-Dichloroethene   | 6.984  | 96    | 93779    | 55.430   | ug/l   | 82       |
| 28) Bromochloromethane       | 7.332  | 49    | 52646    | 58.390   | ug/l # | 69       |
| 29) Tetrahydrofuran          | 7.344  | 42    | 82579    | 300.047  | ug/l # | 72       |
| 30) Chloroform               | 7.508  | 83    | 152601   | 58.099   | ug/l   | 99       |
| 31) Cyclohexane              | 7.789  | 56    | 94017    | 45.872   | ug/l # | 84       |
| 32) 1,1,1-Trichloroethane    | 7.704  | 97    | 131162   | 57.085   | ug/l   | 95       |
| 36) 1,1-Dichloropropene      | 7.917  | 75    | 100250   | 51.205   | ug/l   | 96       |
| 37) Ethyl Acetate            | 7.076  | 43    | 59604    | 59.043   | ug/l # | 90       |
| 38) Carbon Tetrachloride     | 7.899  | 117   | 113115   | 53.704   | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.185  | 83    | 120826   | 47.965   | ug/l # | 86       |
| 40) Benzene                  | 8.161  | 78    | 307082   | 52.672   | ug/l   | 97       |

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 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Apr 20 06:32:14 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y040822S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 08 16:02:50 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 77948    | 138.021  | ug/l # | 40       |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 93934    | 55.536   | ug/l   | 89       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 112978   | 60.301   | ug/l # | 85       |
| 44) Trichloroethene           | 8.941  | 130  | 86875    | 52.286   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.215  | 63   | 78806    | 55.333   | ug/l   | 92       |
| 46) Dibromomethane            | 9.307  | 93   | 52263    | 55.444   | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.496  | 83   | 120292   | 56.744   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.289  | 41   | 47142    | 59.190   | ug/l # | 72       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 14978    | 1231.277 | ug/l # | 82       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 307103   | 317.440  | ug/l # | 83       |
| 52) Toluene                   | 10.246 | 92   | 206983   | 53.885   | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 122933   | 56.901   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 134736   | 55.278   | ug/l # | 82       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 76765    | 57.090   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 100200   | 60.780   | ug/l # | 74       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 121357   | 56.202   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 162350   | 250.011  | ug/l   | 90       |
| 59) 2-Hexanone                | 10.831 | 43   | 210213   | 315.784  | ug/l   | 80       |
| 60) Dibromochloromethane      | 10.983 | 129  | 90977    | 57.921   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 72858    | 55.420   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 73025    | 51.928   | ug/l   | 99       |
| 65) Chlorobenzene             | 11.514 | 112  | 237377   | 54.860   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 94242    | 58.367   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 411617   | 55.939   | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.703 | 106  | 329997   | 112.764  | ug/l   | 91       |
| 69) o-Xylene                  | 12.032 | 106  | 162261   | 57.136   | ug/l   | 90       |
| 70) Styrene                   | 12.044 | 104  | 278671   | 59.500   | ug/l   | 94       |
| 71) Bromoform                 | 12.209 | 173  | 57525    | 59.104   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.331 | 105  | 424677   | 53.910   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 104340   | 61.008   | ug/l # | 81       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 94743    | 56.839   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 116909   | 99.766   | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 98276    | 50.910   | ug/l   | 94       |
| 78) n-propylbenzene           | 12.672 | 91   | 497809   | 53.553   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 283636   | 54.370   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 355467   | 55.030   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 31087    | 59.357   | ug/l # | 83       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 295245   | 55.073   | ug/l   | 95       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 317054   | 54.713   | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 355732   | 55.648   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.257 | 105  | 478754   | 55.726   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 399961   | 55.789   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 207131   | 54.179   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 202363   | 53.481   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 353570   | 54.586   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.965 | 117  | 75446    | 56.305   | ug/l   | 81       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 185944   | 54.668   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 14067    | 58.984   | ug/l   | 74       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 100954   | 50.182   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 49849    | 48.808   | ug/l   | 98       |
| 95) Naphthalene               | 15.239 | 128  | 237746   | 55.170   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 88874    | 50.483   | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 23 Sample Multiplier: 1

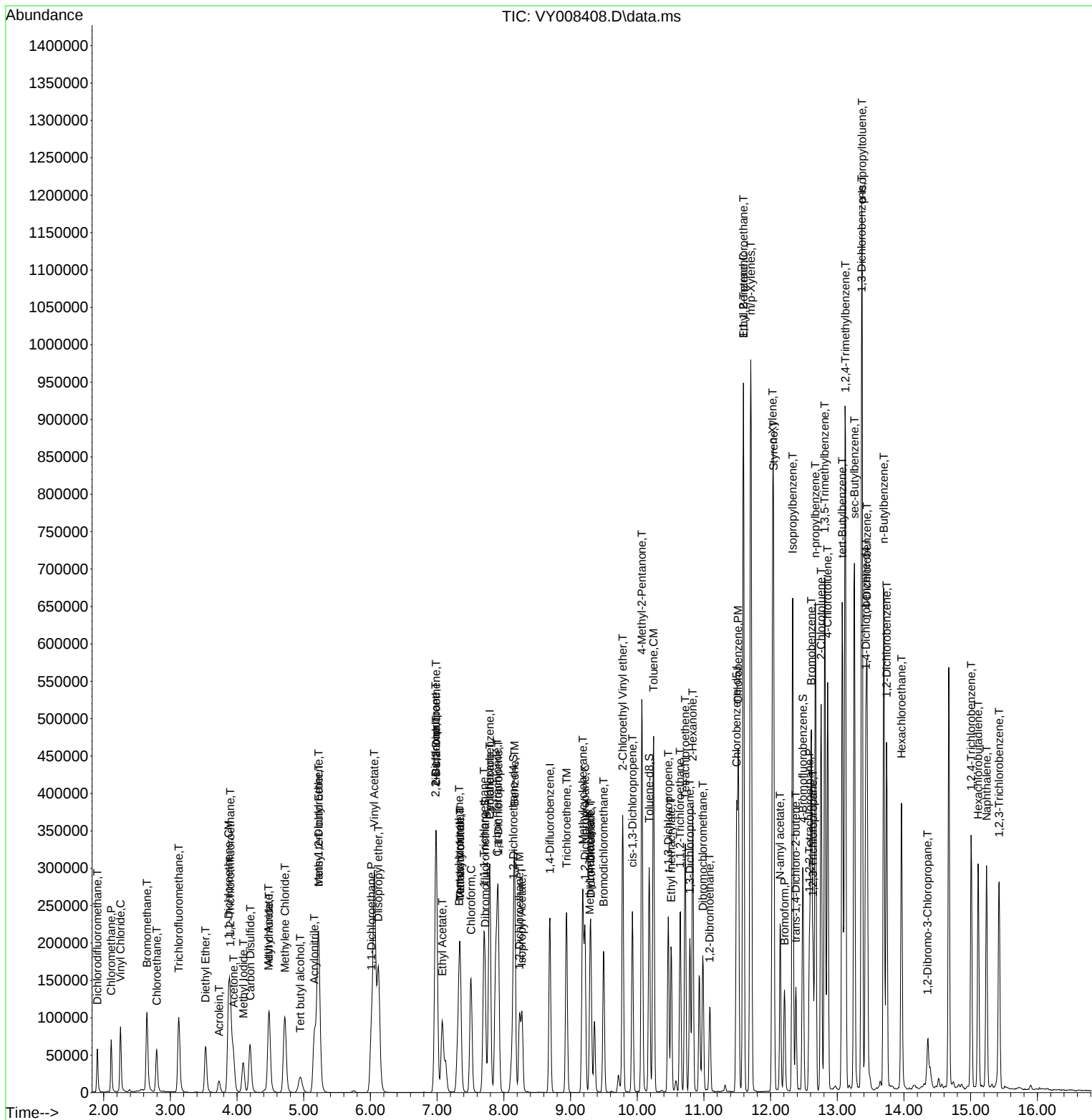
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

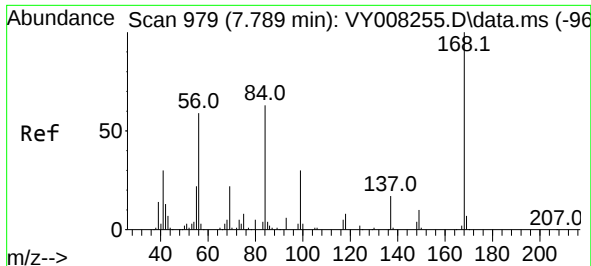
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y040822S.M  
Quant Title : SW846 8260  
QLast Update : Fri Apr 08 16:02:50 2022  
Response via : Initial Calibration

| 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\82Y040822S.M  
Quant Title : SW846 8260  
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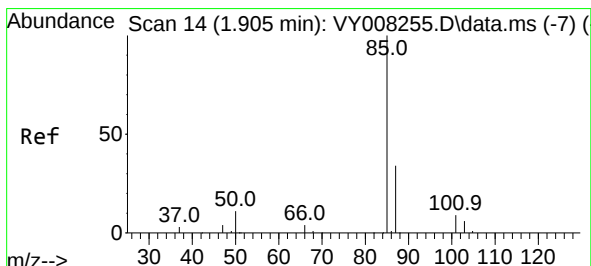
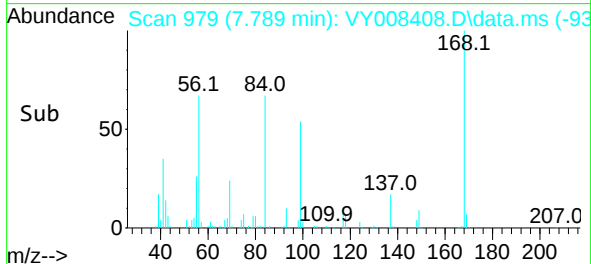
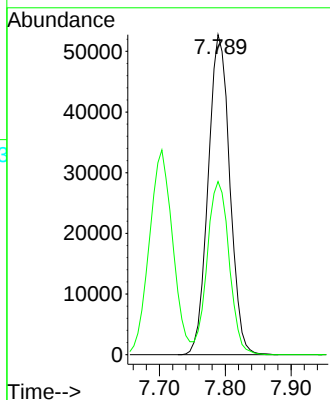
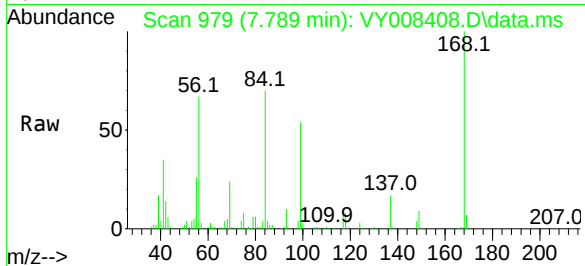




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

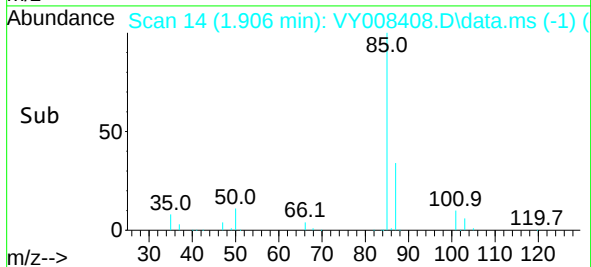
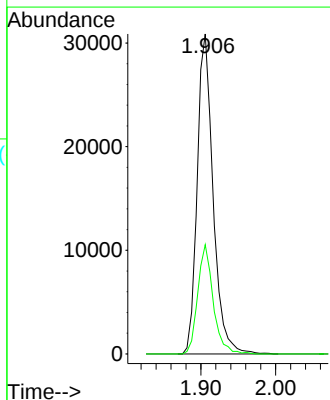
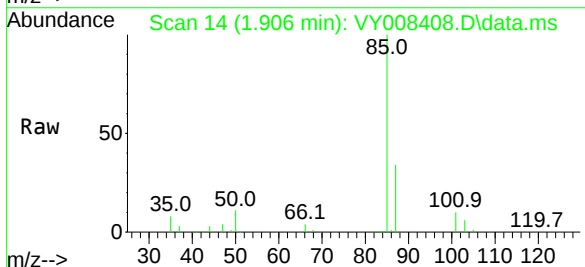
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

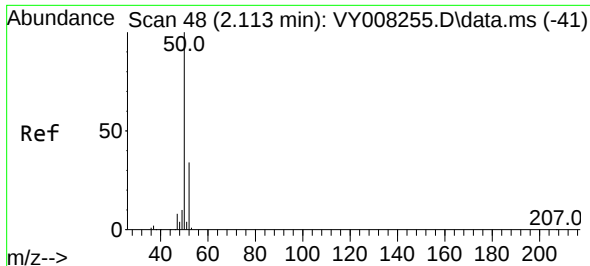
Tgt Ion:168 Resp: 120664  
Ion Ratio Lower Upper  
168 100  
99 54.1 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 45.526 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. 0.001 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion: 85 Resp: 45493  
Ion Ratio Lower Upper  
85 100  
87 34.2 16.1 48.2

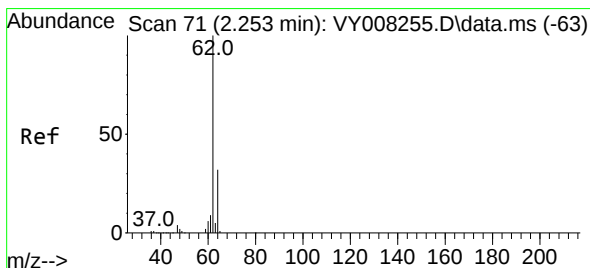
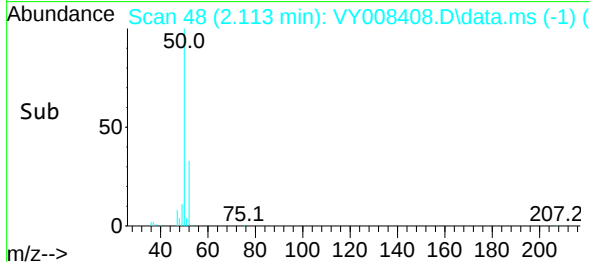
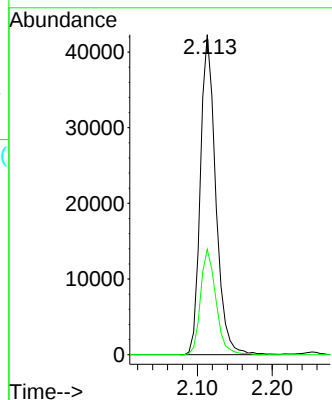
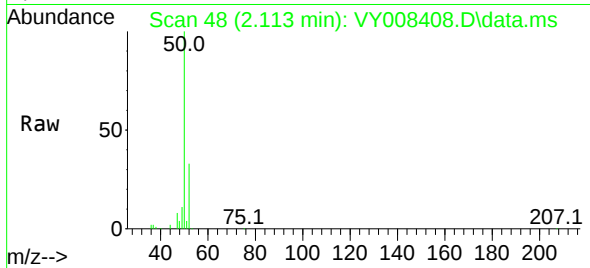




#3  
Chloromethane  
Concen: 53.698 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

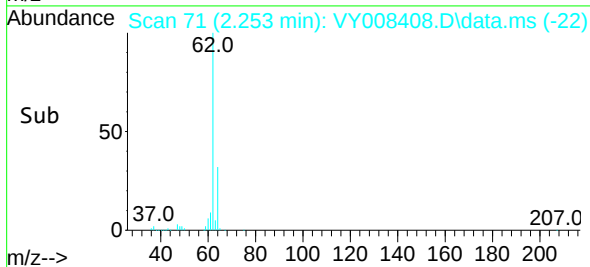
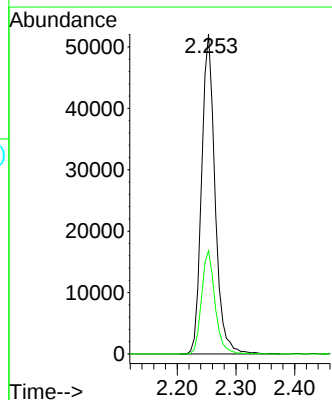
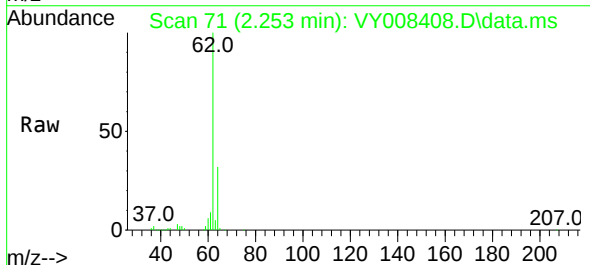
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

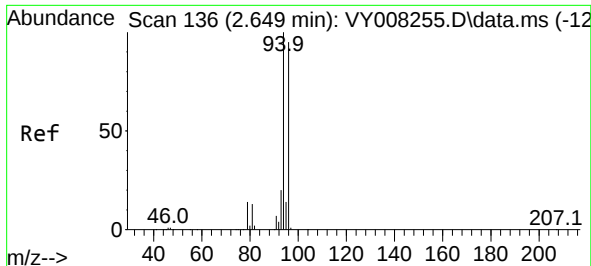
Tgt Ion: 50 Resp: 60283  
Ion Ratio Lower Upper  
50 100  
52 33.0 24.6 37.0



#4  
Vinyl Chloride  
Concen: 48.064 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion: 62 Resp: 82622  
Ion Ratio Lower Upper  
62 100  
64 32.2 25.0 37.6

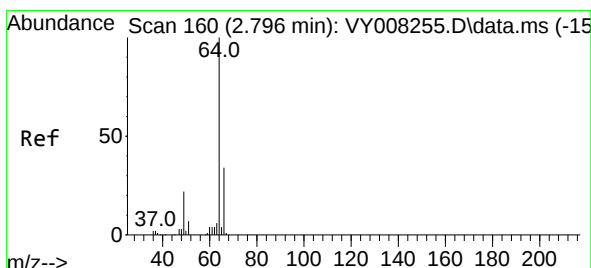
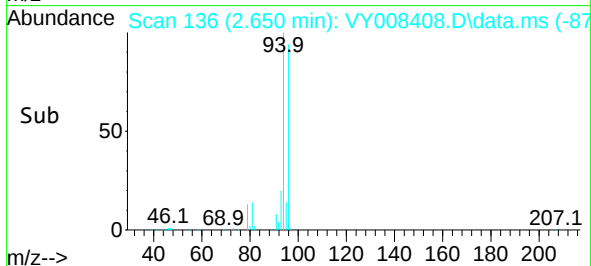
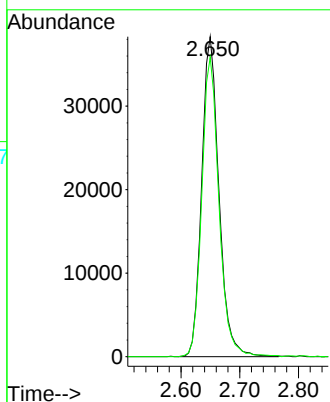
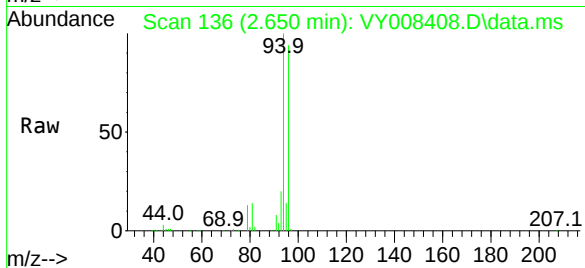




#5  
Bromomethane  
Concen: 59.472 ug/l  
RT: 2.650 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

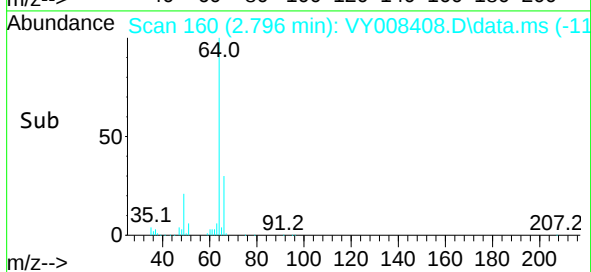
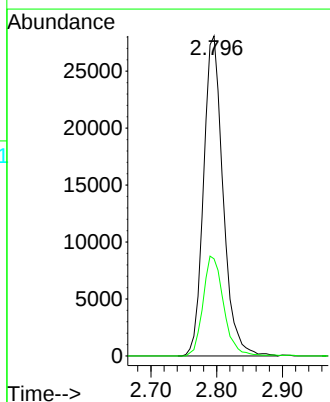
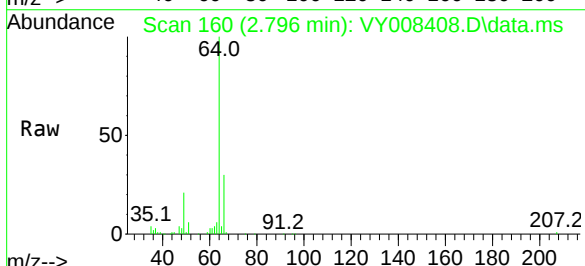
Instrument :  
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ClientSampleId :  
VSTDCCC050EC

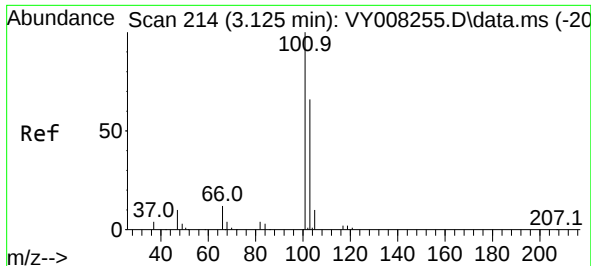
Tgt Ion: 94 Resp: 78255  
Ion Ratio Lower Upper  
94 100  
96 93.6 73.5 110.3



#6  
Chloroethane  
Concen: 48.085 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. -0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion: 64 Resp: 57894  
Ion Ratio Lower Upper  
64 100  
66 30.3 25.4 38.0

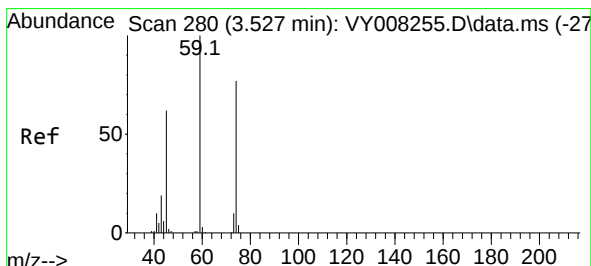
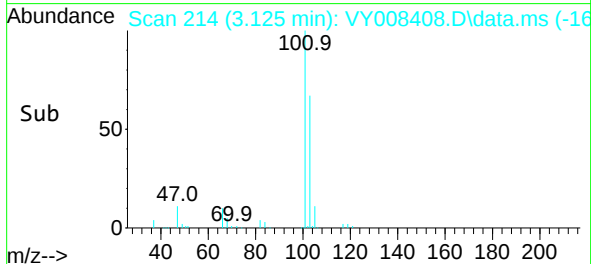
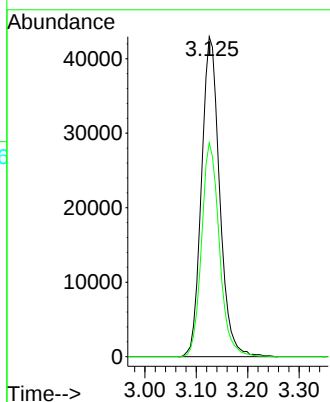
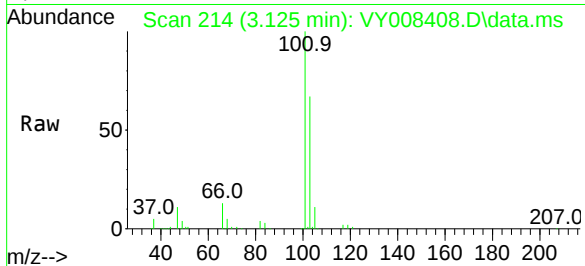




#7  
 Trichlorofluoromethane  
 Concen: 51.475 ug/l  
 RT: 3.125 min Scan# 214  
 Delta R.T. 0.000 min  
 Lab File: VY008408.D  
 Acq: 19 Apr 2022 20:00

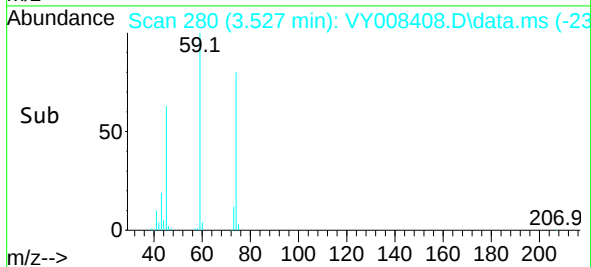
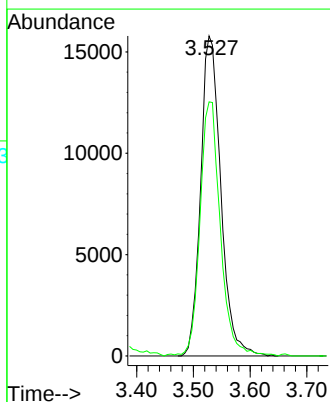
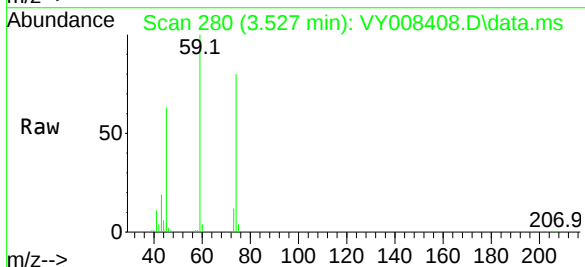
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

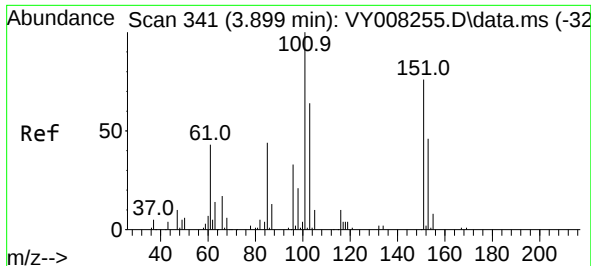
Tgt Ion:101 Resp: 105289  
 Ion Ratio Lower Upper  
 101 100  
 103 66.9 48.0 72.0



#8  
 Diethyl Ether  
 Concen: 52.748 ug/l  
 RT: 3.527 min Scan# 280  
 Delta R.T. 0.000 min  
 Lab File: VY008408.D  
 Acq: 19 Apr 2022 20:00

Tgt Ion: 74 Resp: 38992  
 Ion Ratio Lower Upper  
 74 100  
 45 79.8 55.1 165.5

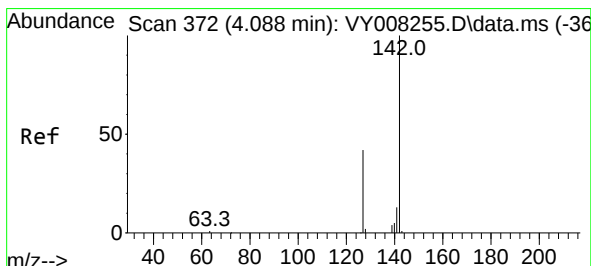
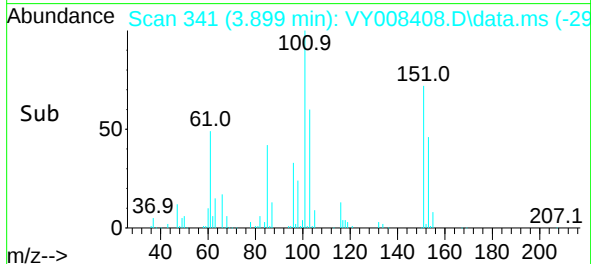
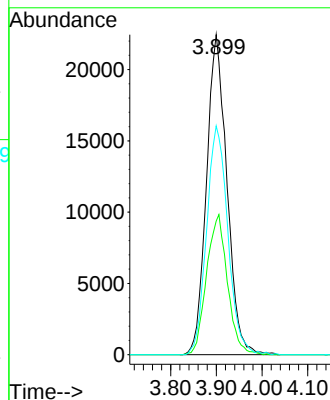
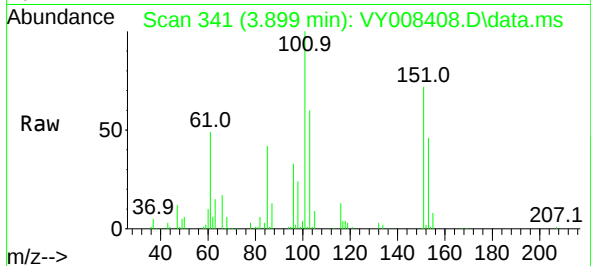




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 52.544 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

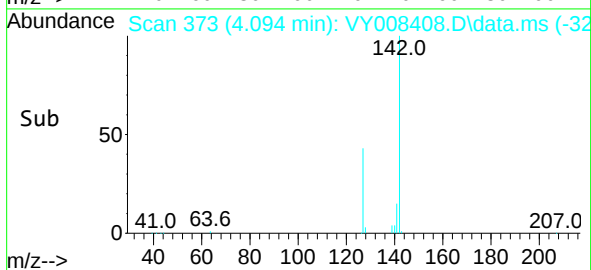
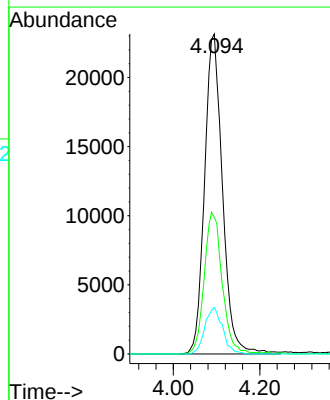
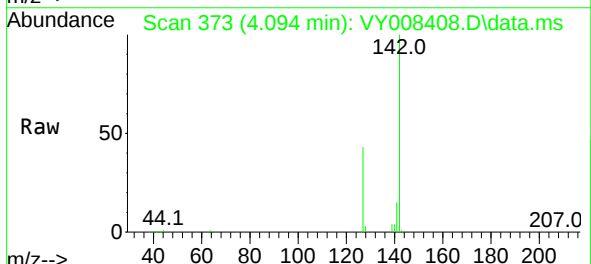
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

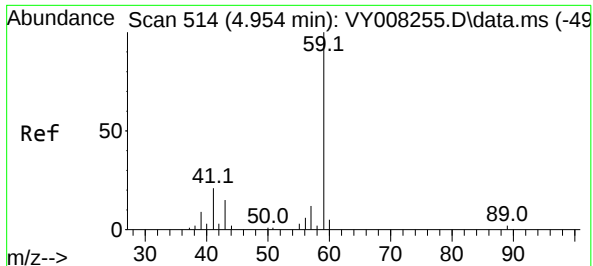
Tgt Ion:101 Resp: 69813  
Ion Ratio Lower Upper  
101 100  
85 44.7 40.6 60.8  
151 74.5 64.9 97.3



#10  
Methyl Iodide  
Concen: 45.080 ug/l  
RT: 4.094 min Scan# 373  
Delta R.T. 0.006 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion:142 Resp: 66569  
Ion Ratio Lower Upper  
142 100  
127 44.4 41.5 62.3  
141 14.3 11.9 17.9

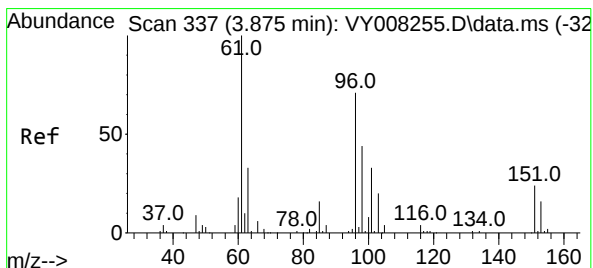
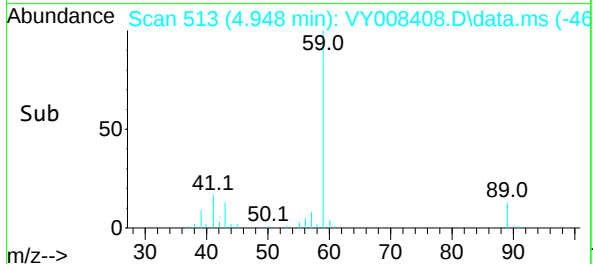
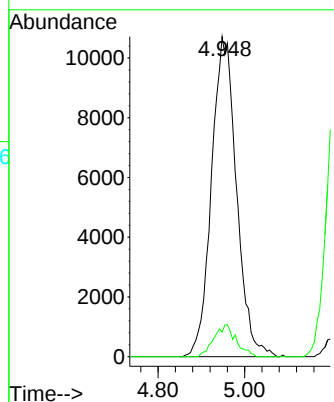
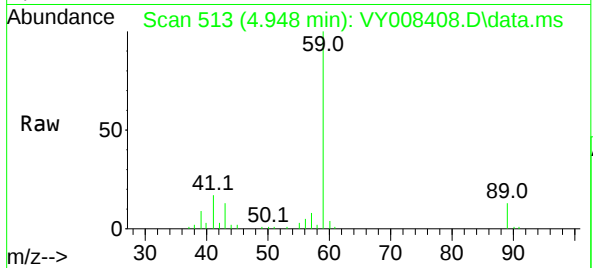




#11  
Tert butyl alcohol  
Concen: 354.702 ug/l  
RT: 4.948 min Scan# 514  
Delta R.T. -0.006 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

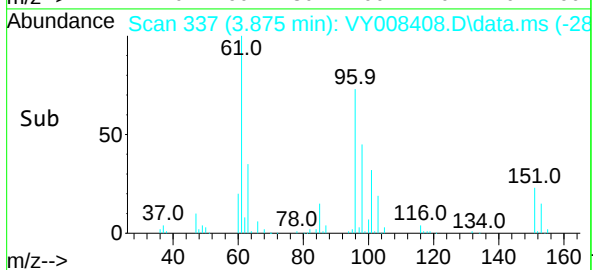
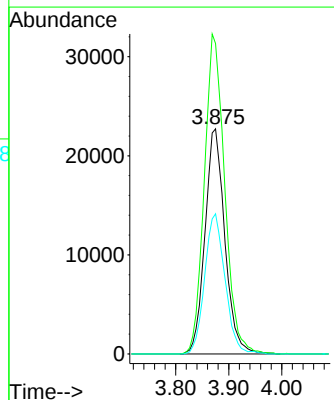
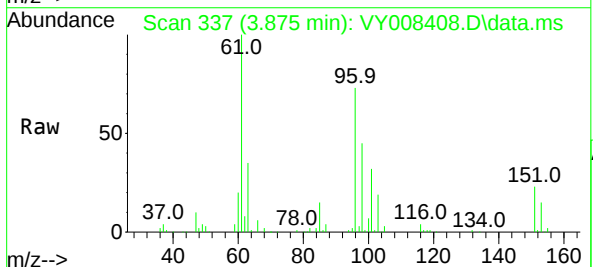
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

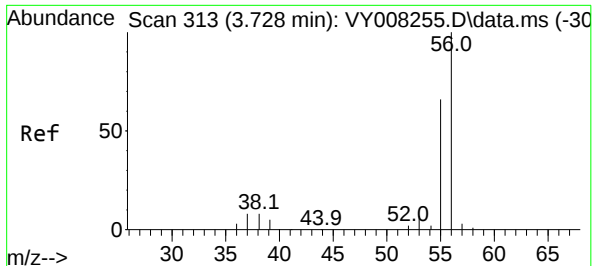
Tgt Ion: 59 Resp: 42980  
Ion Ratio Lower Upper  
59 100  
57 8.9 6.4 9.6



#12  
1,1-Dichloroethene  
Concen: 49.790 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. -0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion: 96 Resp: 59257  
Ion Ratio Lower Upper  
96 100  
61 137.9 145.8 218.6#  
98 62.2 52.5 78.7

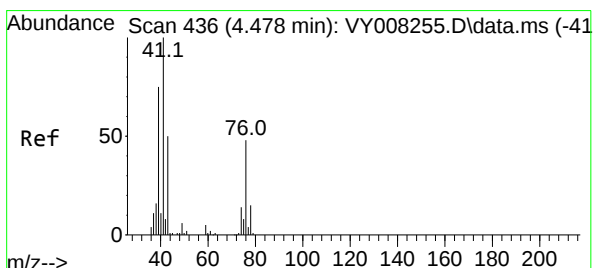
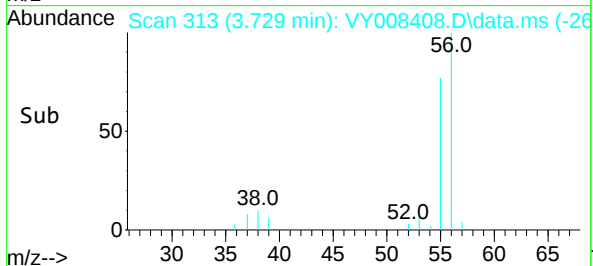
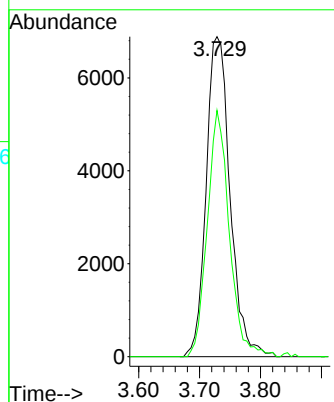
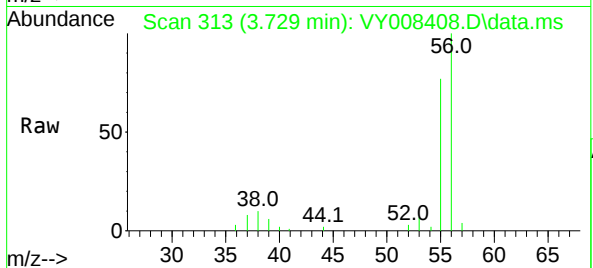




#13  
Acrolein  
Concen: 196.626 ug/l  
RT: 3.729 min Scan# 313  
Delta R.T. 0.001 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

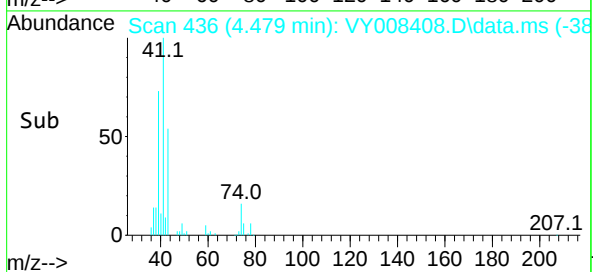
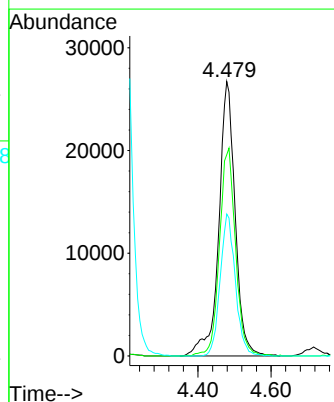
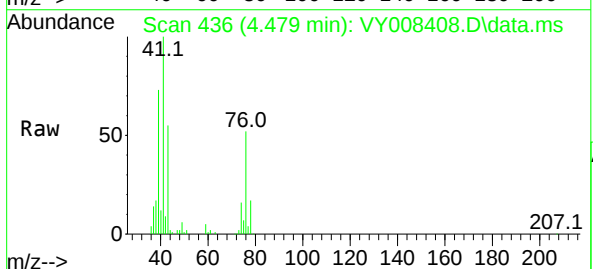
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

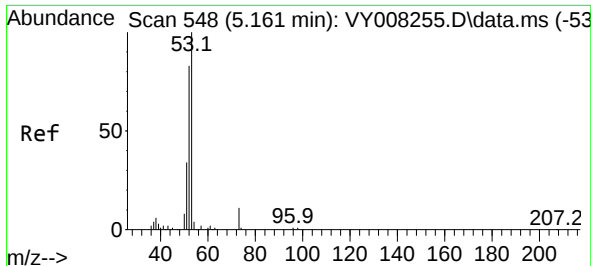
Tgt Ion: 56 Resp: 18760  
Ion Ratio Lower Upper  
56 100  
55 71.0 57.6 86.4



#14  
Allyl chloride  
Concen: 53.577 ug/l  
RT: 4.479 min Scan# 436  
Delta R.T. 0.001 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion: 41 Resp: 83218  
Ion Ratio Lower Upper  
41 100  
39 74.5 58.8 88.2  
76 47.9 25.1 37.7#

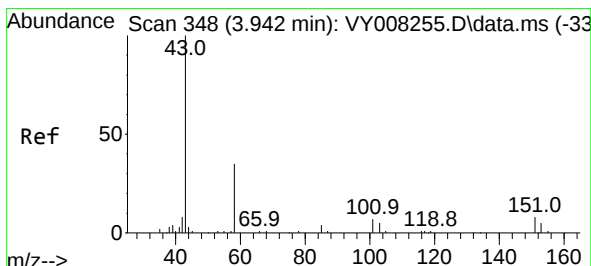
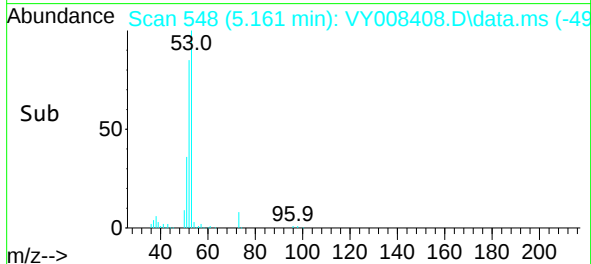
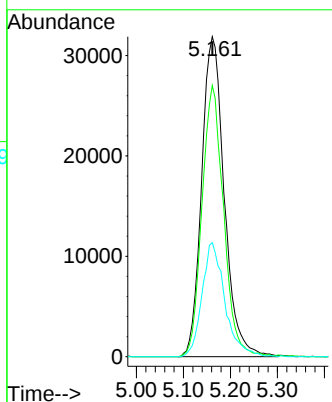
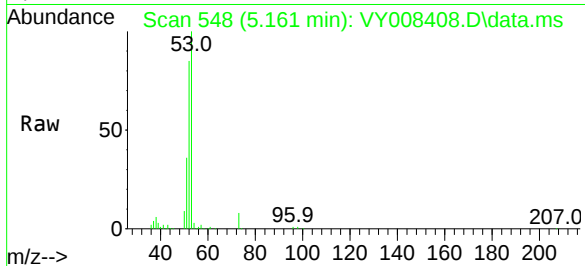




#15  
Acrylonitrile  
Concen: 294.523 ug/l  
RT: 5.161 min Scan# 548  
Delta R.T. 0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

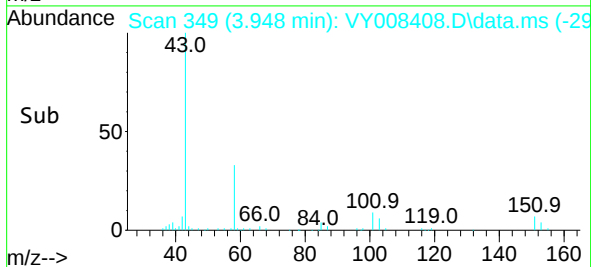
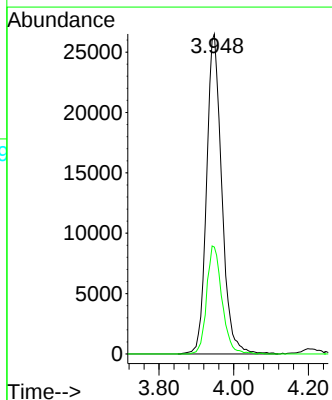
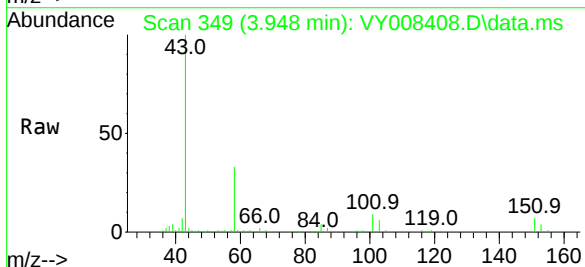
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

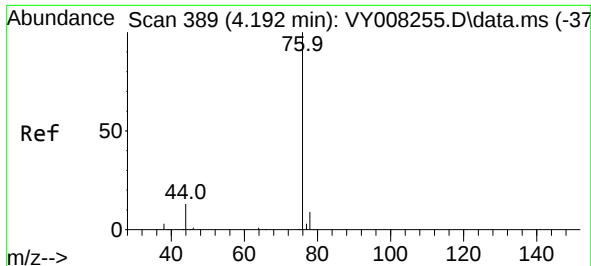
Tgt Ion: 53 Resp: 106485  
Ion Ratio Lower Upper  
53 100  
52 81.0 67.0 100.4  
51 36.0 29.8 44.6



#16  
Acetone  
Concen: 274.166 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. 0.006 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion: 43 Resp: 74742  
Ion Ratio Lower Upper  
43 100  
58 33.4 22.0 33.0#

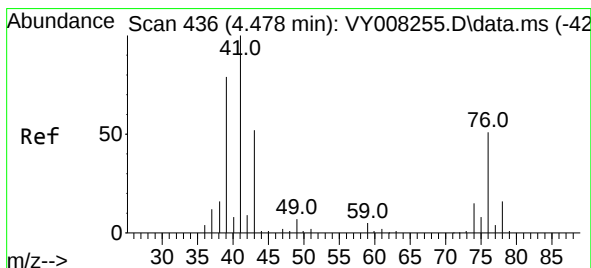
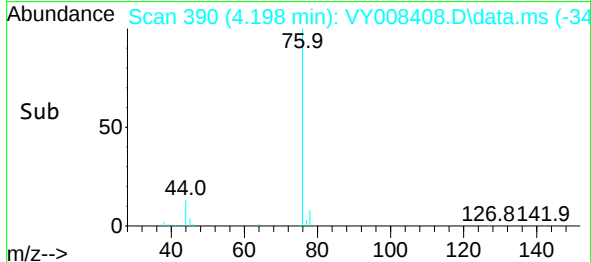
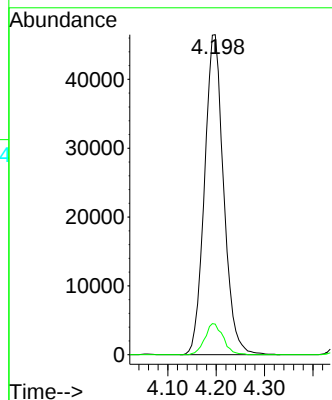
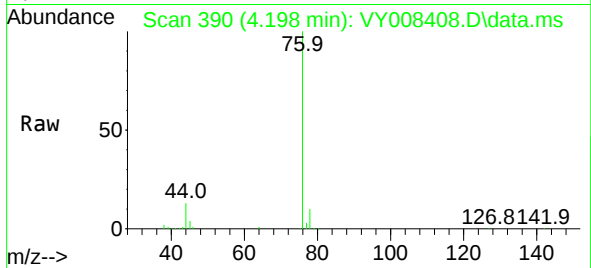




#17  
Carbon Disulfide  
Concen: 40.756 ug/l  
RT: 4.198 min Scan# 390  
Delta R.T. 0.006 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

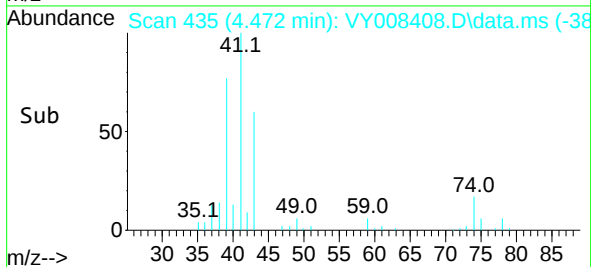
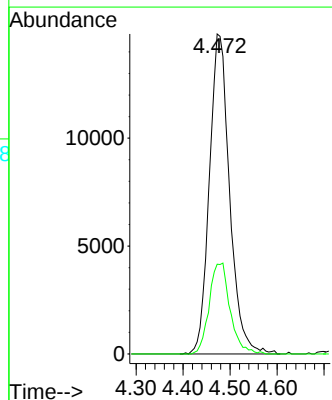
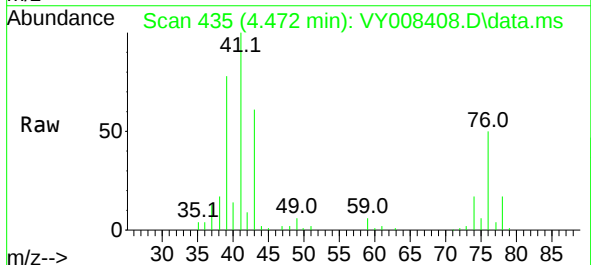
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

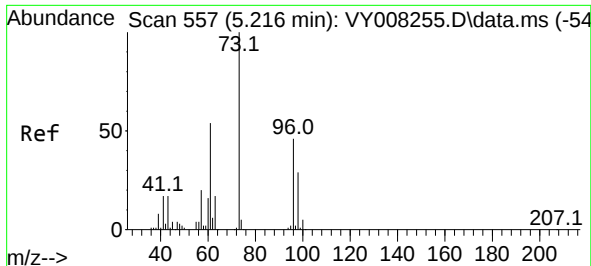
Tgt Ion: 76 Resp: 127963  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.4 11.0



#18  
Methyl Acetate  
Concen: 69.634 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. -0.006 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion: 43 Resp: 44281  
Ion Ratio Lower Upper  
43 100  
74 29.3 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 58.710 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

Instrument :

MSVOA\_Y

ClientSampleId :

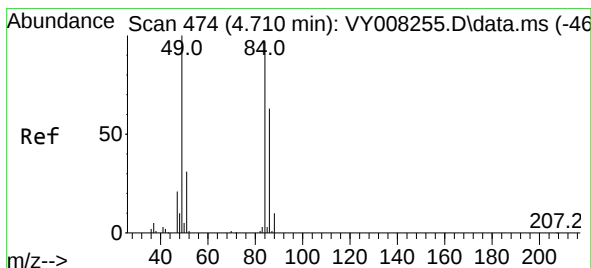
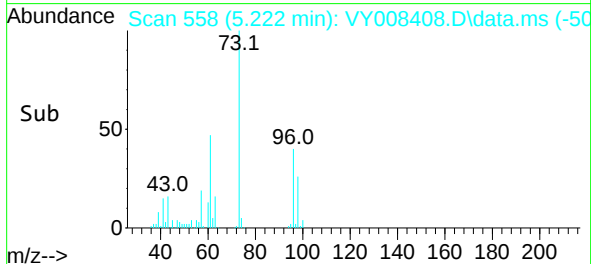
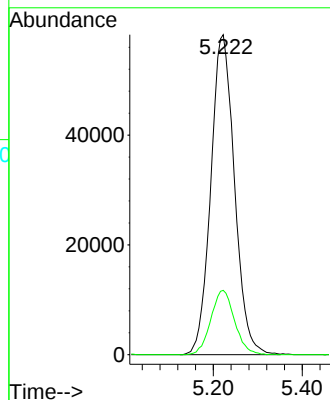
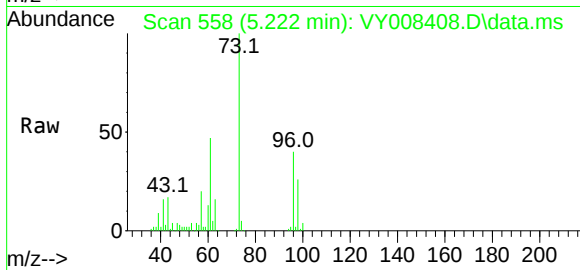
VSTDCCC050EC

Tgt Ion: 73 Resp: 215631

Ion Ratio Lower Upper

73 100

57 20.1 18.6 27.8



#20

Methylene Chloride

Concen: 59.255 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

Tgt Ion: 84 Resp: 83275

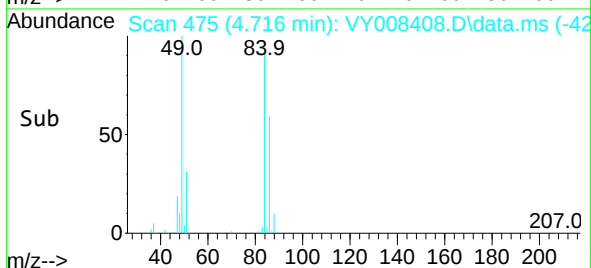
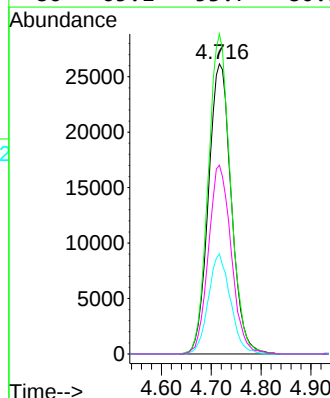
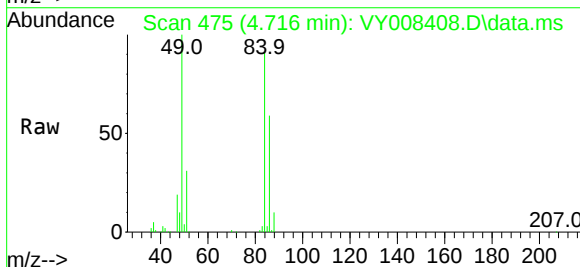
Ion Ratio Lower Upper

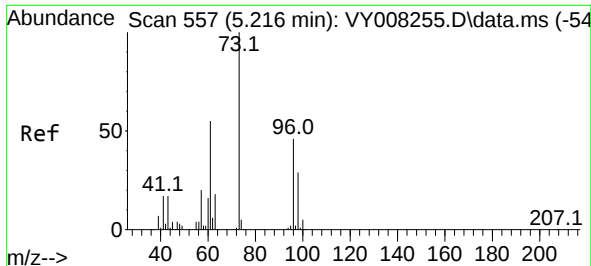
84 100

49 110.3 114.4 171.6#

51 34.5 35.3 52.9#

86 65.1 53.7 80.5

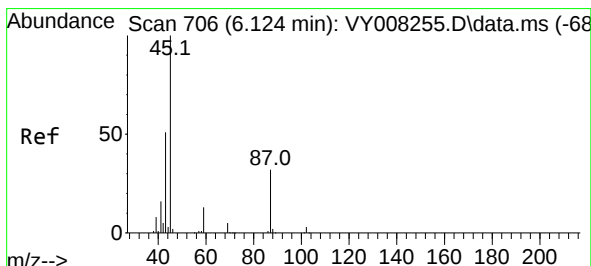
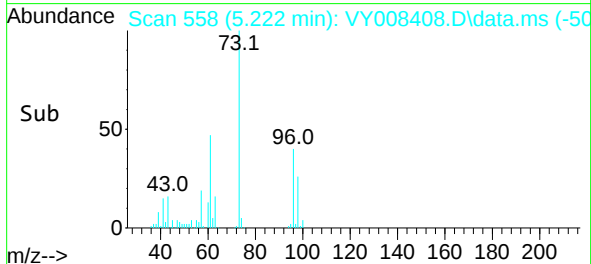
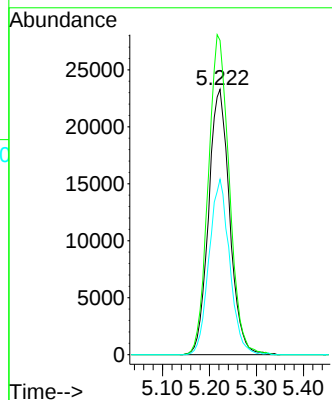
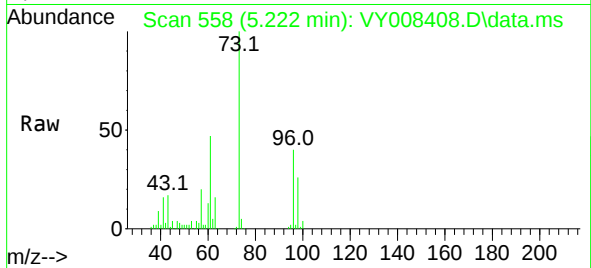




#21  
trans-1,2-Dichloroethene  
Concen: 50.785 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

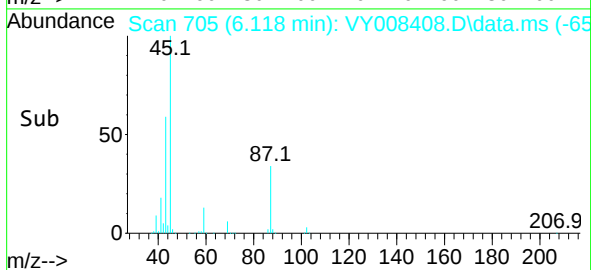
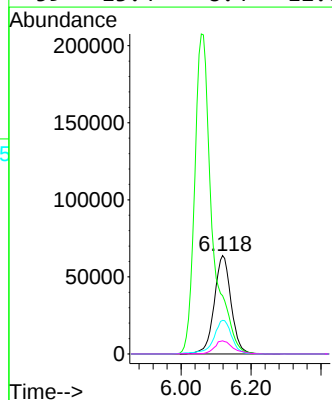
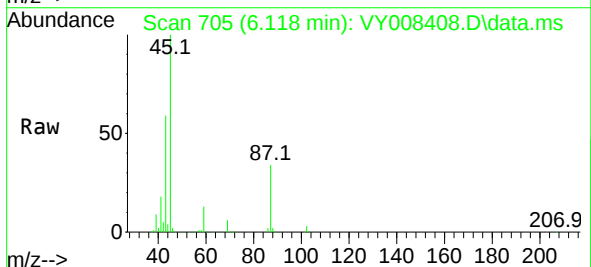
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

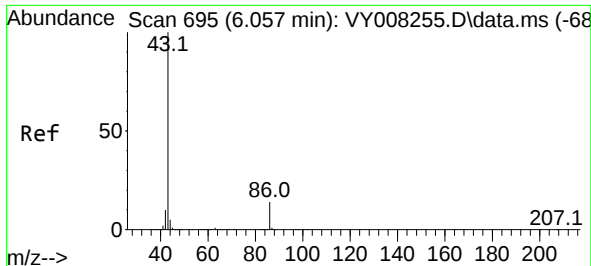
Tgt Ion: 96 Resp: 72417  
Ion Ratio Lower Upper  
96 100  
61 118.5 120.5 180.7#  
98 66.1 49.8 74.8



#22  
Diisopropyl ether  
Concen: 58.301 ug/l  
RT: 6.118 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion: 45 Resp: 213645  
Ion Ratio Lower Upper  
45 100  
43 58.8 49.3 73.9  
87 34.1 19.2 28.8#  
59 13.4 8.4 12.6#

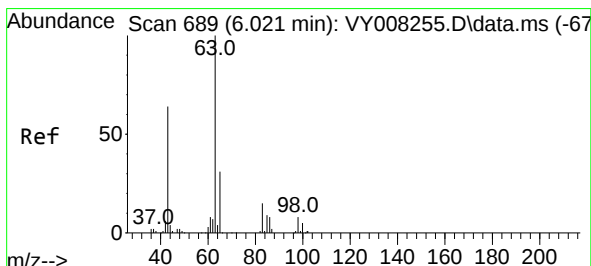
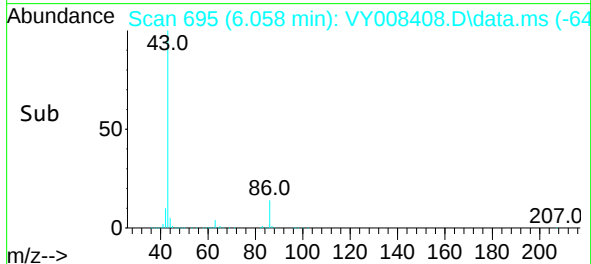
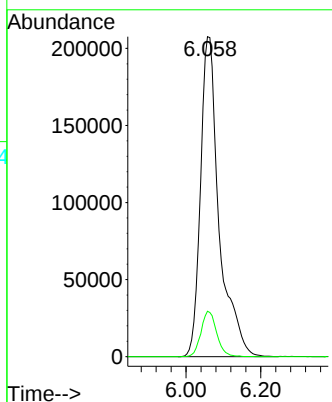
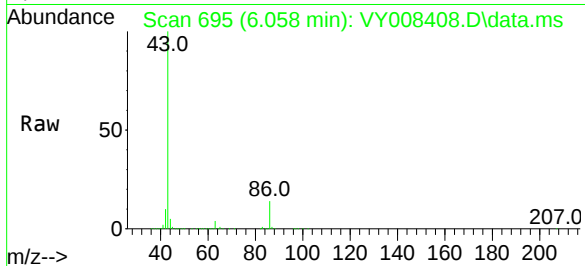




#23  
 Vinyl Acetate  
 Concen: 301.714 ug/l  
 RT: 6.058 min Scan# 695  
 Delta R.T. 0.000 min  
 Lab File: VY008408.D  
 Acq: 19 Apr 2022 20:00

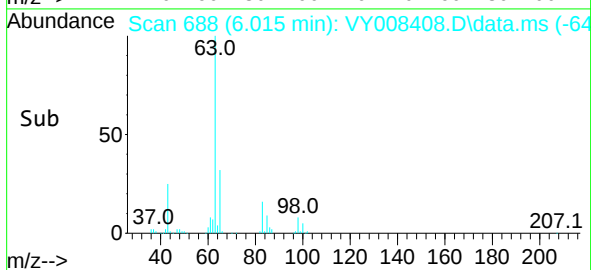
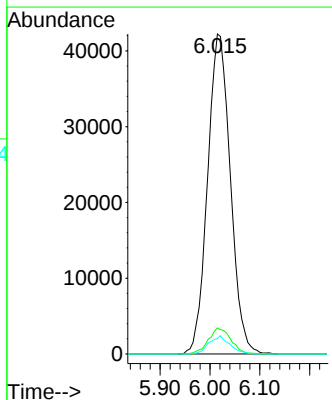
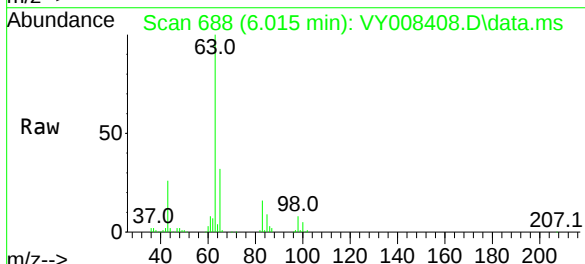
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

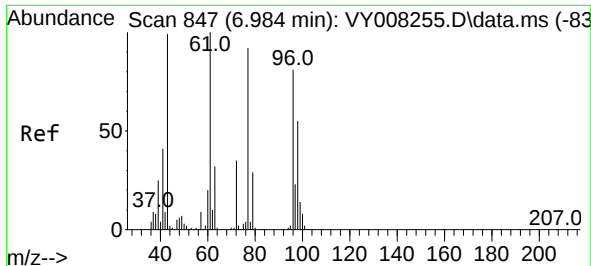
Tgt Ion: 43 Resp: 716406  
 Ion Ratio Lower Upper  
 43 100  
 86 14.2 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 57.047 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. -0.006 min  
 Lab File: VY008408.D  
 Acq: 19 Apr 2022 20:00

Tgt Ion: 63 Resp: 134190  
 Ion Ratio Lower Upper  
 63 100  
 98 8.1 3.6 10.8  
 100 4.9 2.0 5.8

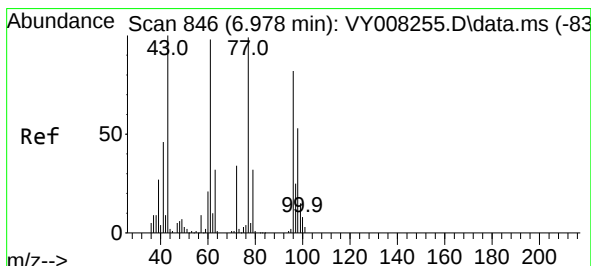
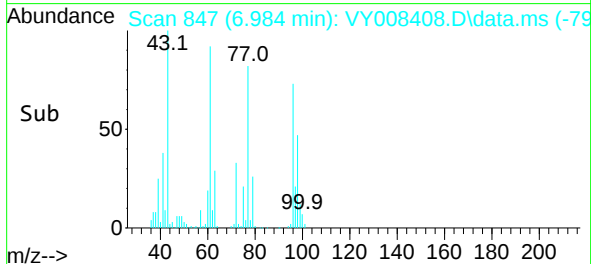
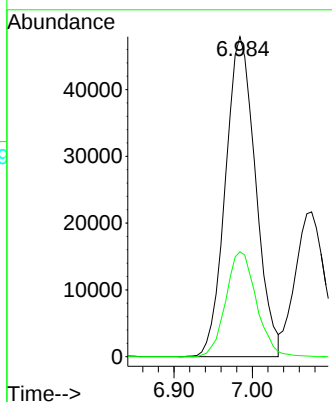
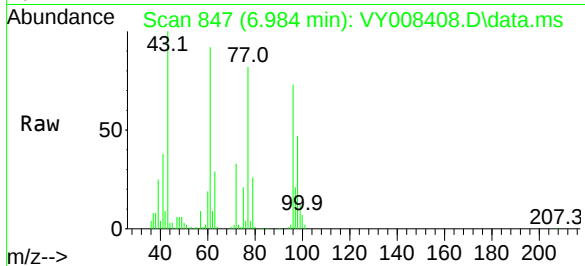




#25  
2-Butanone  
Concen: 300.901 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

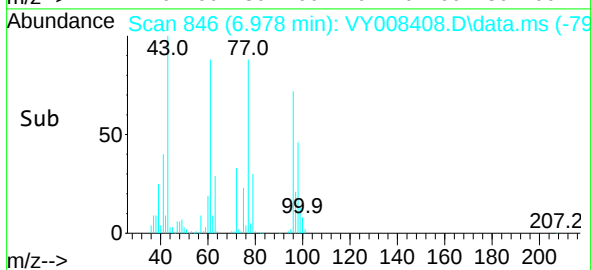
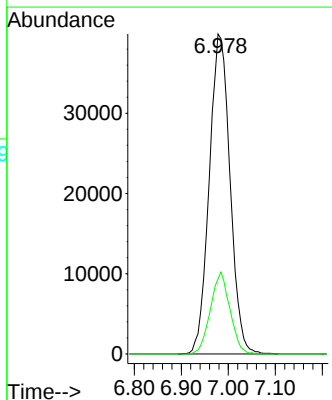
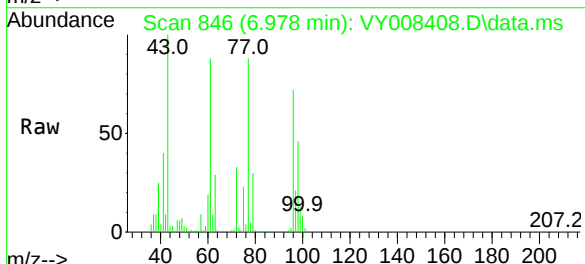
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

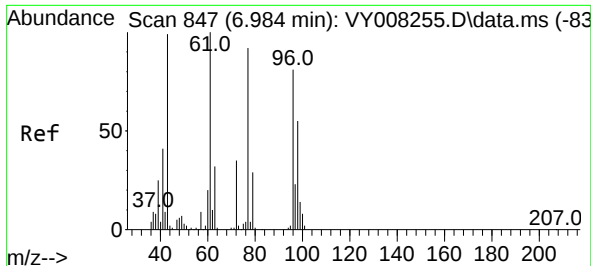
Tgt Ion: 43 Resp: 128268  
Ion Ratio Lower Upper  
43 100  
72 32.8 17.7 26.5#



#26  
2,2-Dichloropropane  
Concen: 56.493 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion: 77 Resp: 122376  
Ion Ratio Lower Upper  
77 100  
97 24.0 10.4 31.4

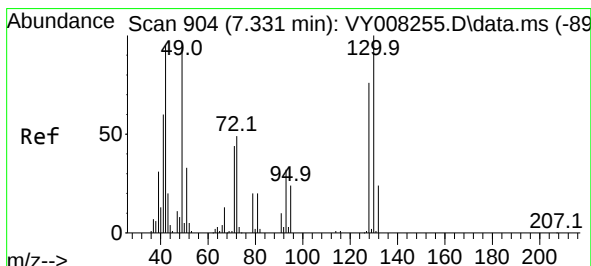
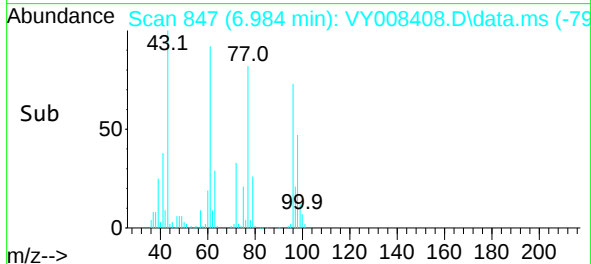
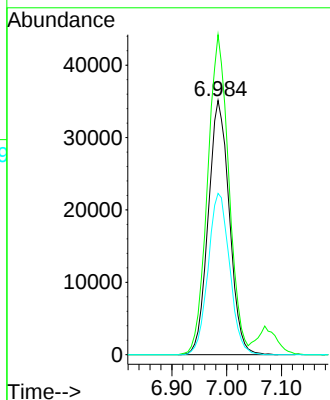
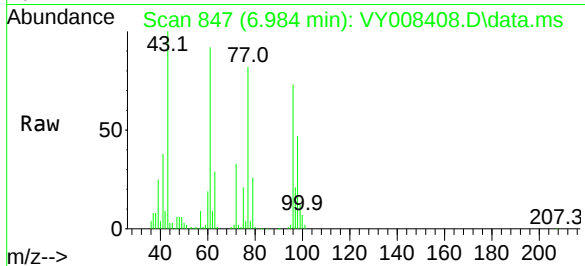




#27  
 cis-1,2-Dichloroethene  
 Concen: 55.430 ug/l  
 RT: 6.984 min Scan# 847  
 Delta R.T. 0.000 min  
 Lab File: VY008408.D  
 Acq: 19 Apr 2022 20:00

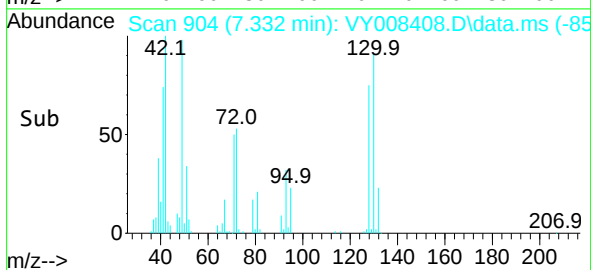
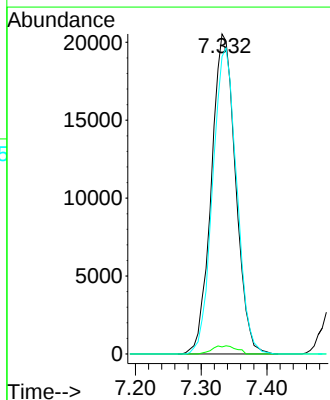
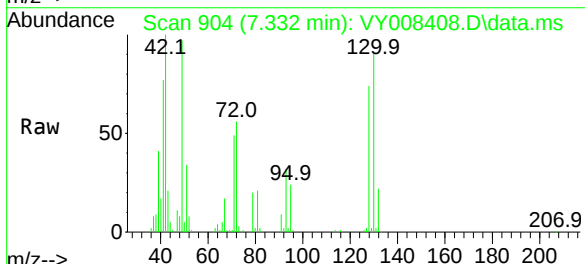
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

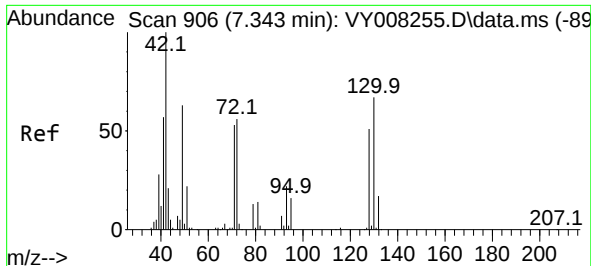
Tgt Ion: 96 Resp: 93779  
 Ion Ratio Lower Upper  
 96 100  
 61 126.8 0.0 319.8  
 98 64.7 0.0 127.0



#28  
 Bromochloromethane  
 Concen: 58.390 ug/l  
 RT: 7.332 min Scan# 904  
 Delta R.T. 0.001 min  
 Lab File: VY008408.D  
 Acq: 19 Apr 2022 20:00

Tgt Ion: 49 Resp: 52646  
 Ion Ratio Lower Upper  
 49 100  
 129 2.5 0.0 2.2#  
 130 94.5 55.4 83.0#





#29

Tetrahydrofuran

Concen: 300.047 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.001 min

Lab File: VY008408.D

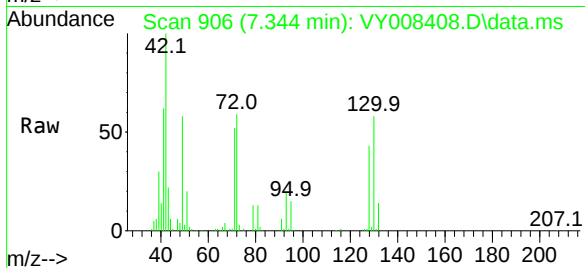
Acq: 19 Apr 2022 20:00

Instrument :

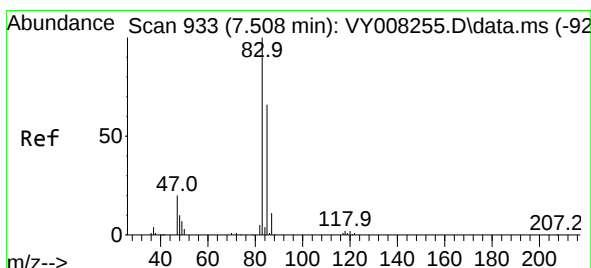
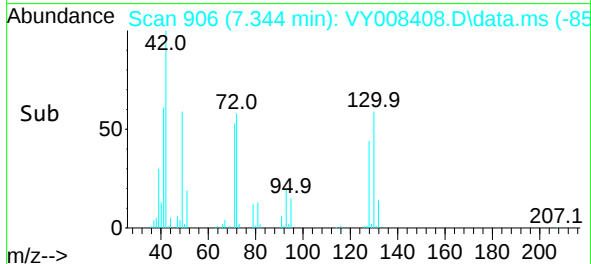
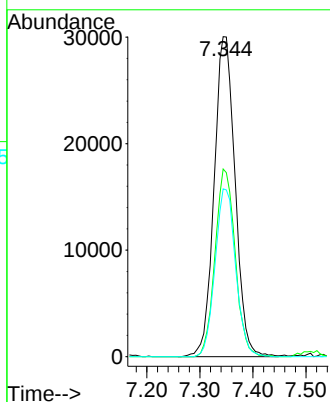
MSVOA\_Y

ClientSampleId :

VSTDCCC050EC



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 82579 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 72        | 56.1  | 30.3  | 45.5# |
| 71        | 51.5  | 29.0  | 43.4# |



#30

Chloroform

Concen: 58.099 ug/l

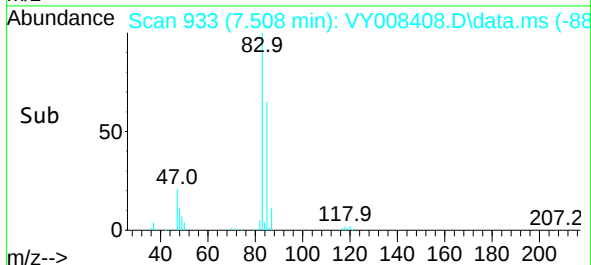
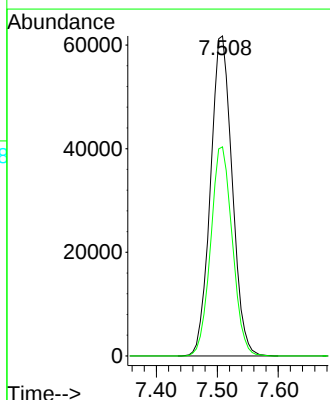
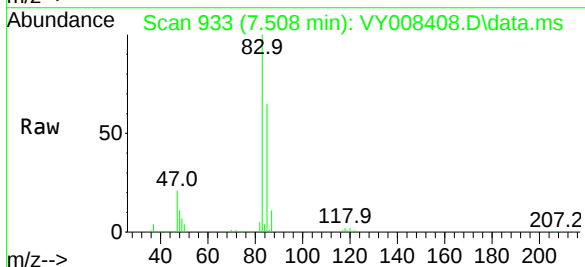
RT: 7.508 min Scan# 933

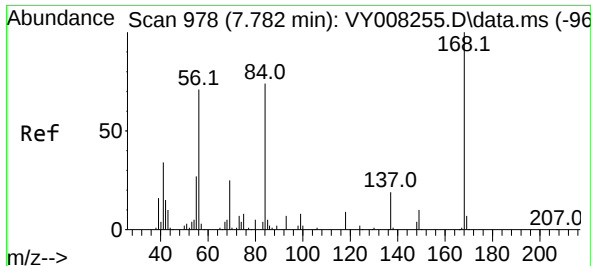
Delta R.T. 0.000 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 152601 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 65.3  | 51.8  | 77.6   |

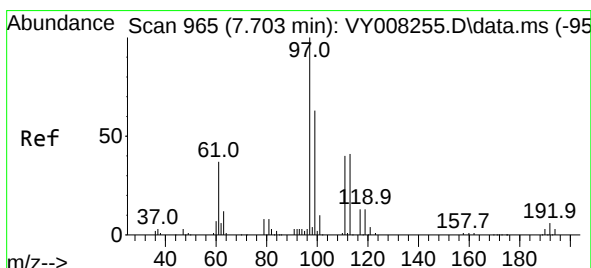
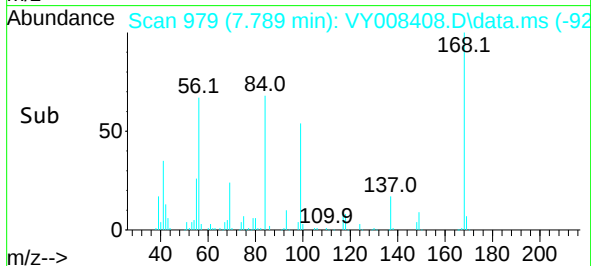
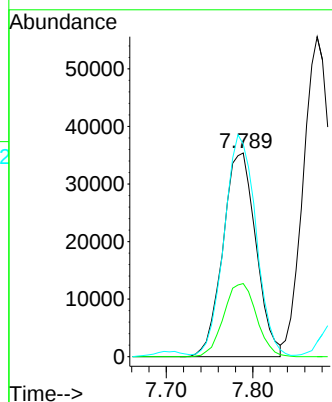
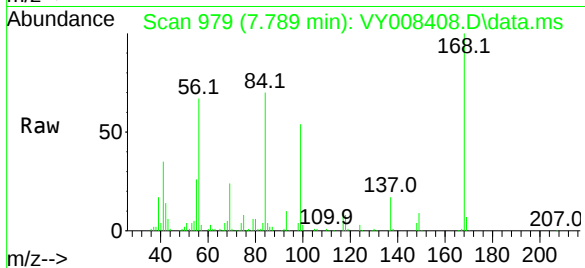




#31  
Cyclohexane  
Concen: 45.872 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.007 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

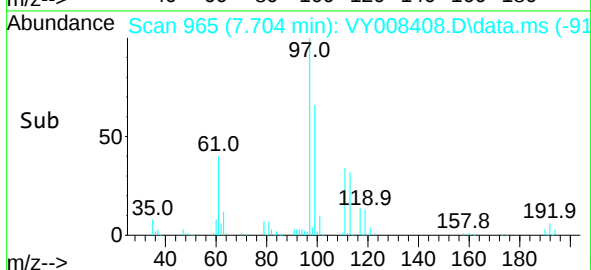
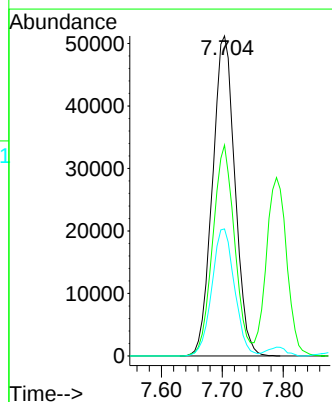
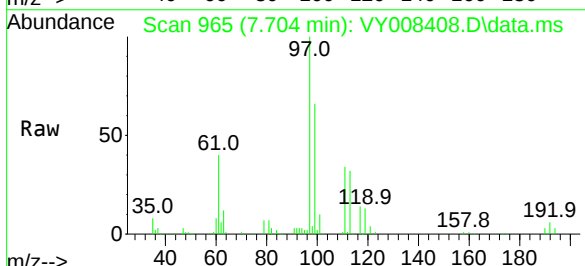
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

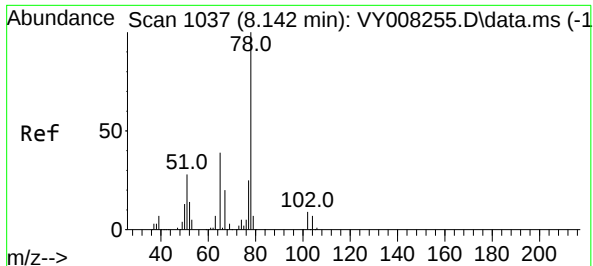
Tgt Ion: 56 Resp: 94017  
Ion Ratio Lower Upper  
56 100  
69 35.9 26.7 40.1  
84 102.5 67.2 100.8#



#32  
1,1,1-Trichloroethane  
Concen: 57.085 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. 0.001 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion: 97 Resp: 131162  
Ion Ratio Lower Upper  
97 100  
99 63.8 50.7 76.1  
61 40.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 51.111 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

Instrument :

MSVOA\_Y

ClientSampleId :

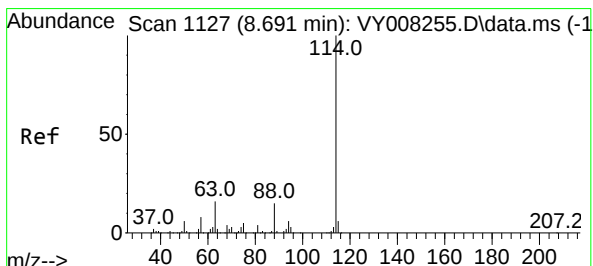
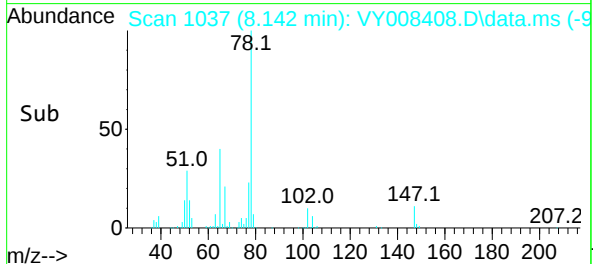
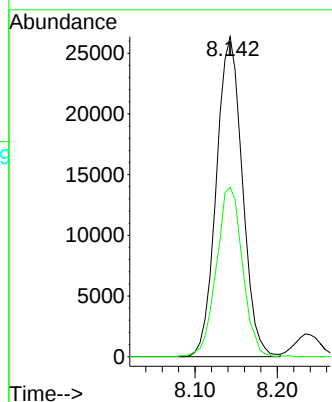
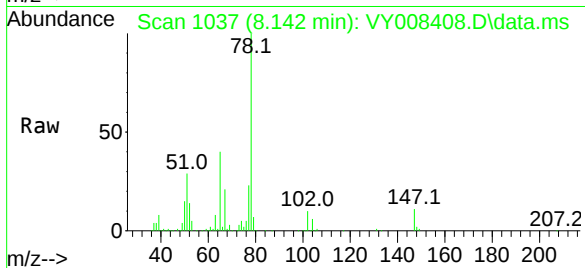
VSTDCCC050EC

Tgt Ion: 65 Resp: 57930

Ion Ratio Lower Upper

65 100

67 53.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

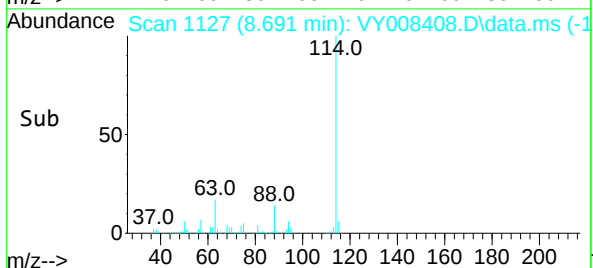
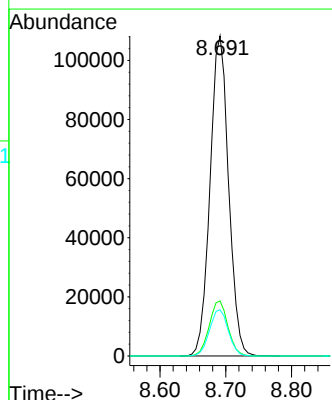
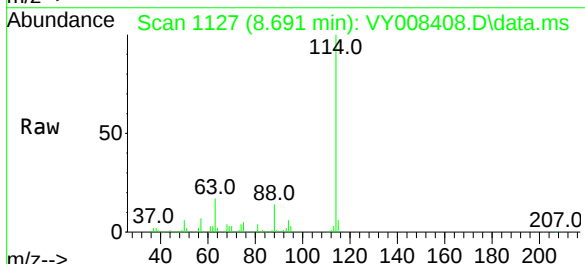
Tgt Ion: 114 Resp: 212272

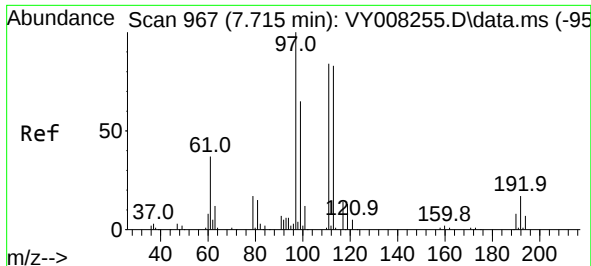
Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.4 0.0 31.8

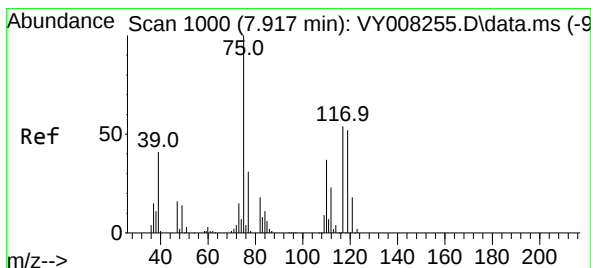
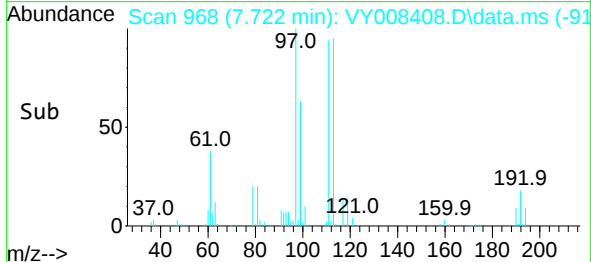
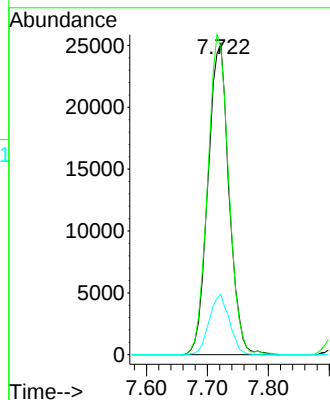
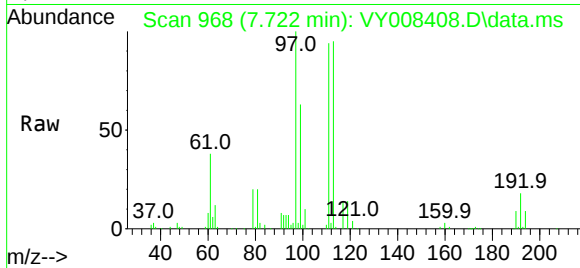




#35  
Dibromofluoromethane  
Concen: 49.245 ug/l  
RT: 7.722 min Scan# 91  
Delta R.T. 0.007 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

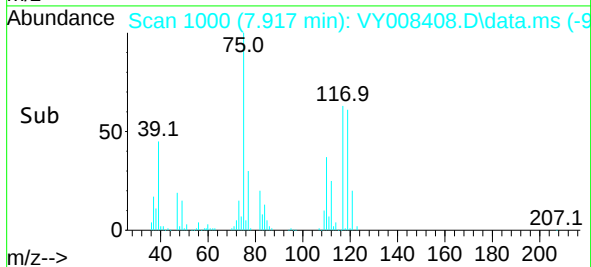
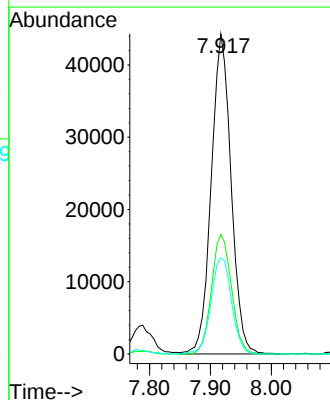
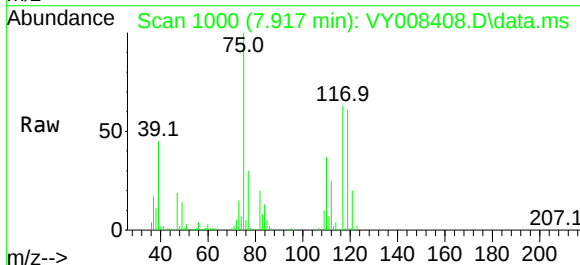
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

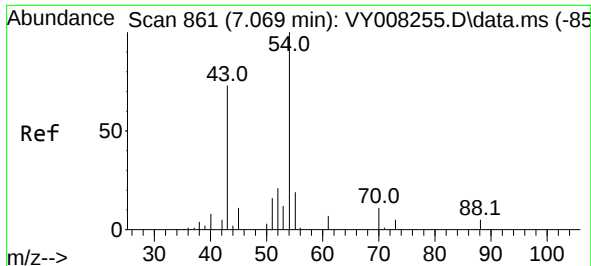
Tgt Ion:113 Resp: 60377  
Ion Ratio Lower Upper  
113 100  
111 103.0 82.6 124.0  
192 18.6 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 51.205 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. -0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion: 75 Resp: 100250  
Ion Ratio Lower Upper  
75 100  
110 37.6 17.1 51.2  
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 59.043 ug/l

RT: 7.076 min Scan# 8

Delta R.T. 0.007 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

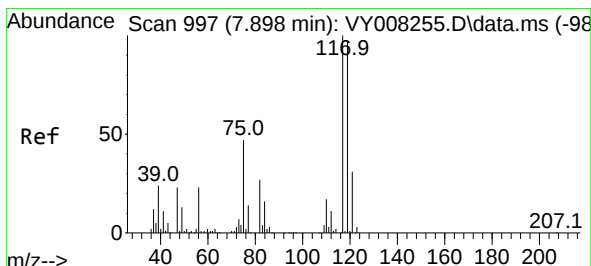
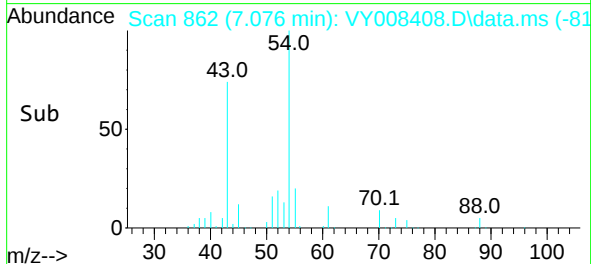
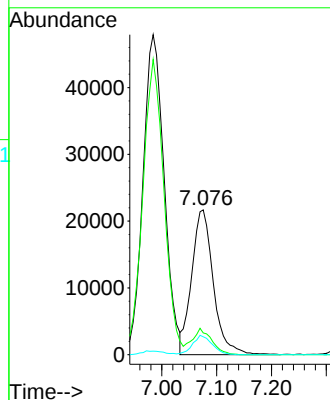
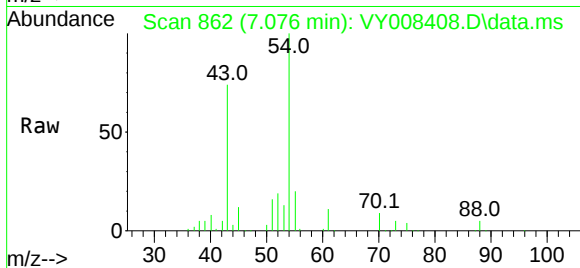
Tgt Ion: 43 Resp: 59604

Ion Ratio Lower Upper

43 100

61 16.5 9.7 14.5#

70 12.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 53.704 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.001 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

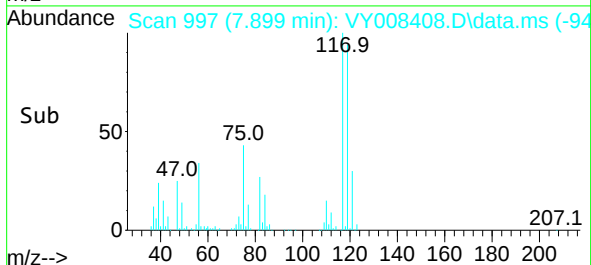
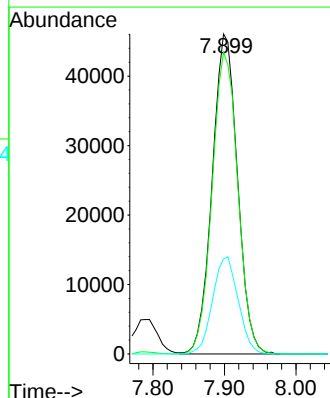
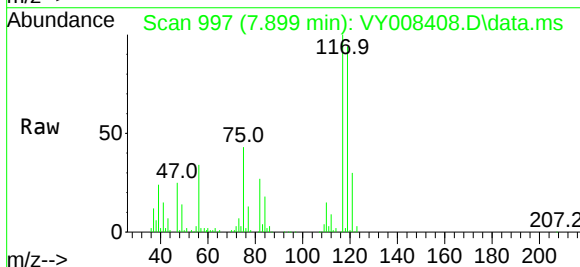
Tgt Ion: 117 Resp: 113115

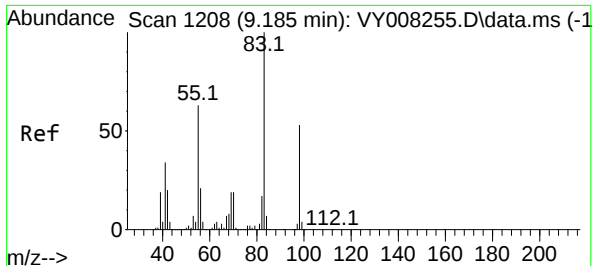
Ion Ratio Lower Upper

117 100

119 94.3 77.9 116.9

121 29.7 24.8 37.2





#39

Methylcyclohexane

Concen: 47.965 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

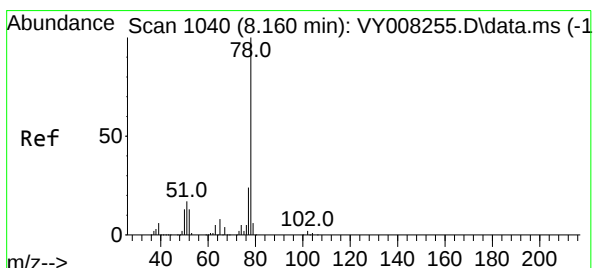
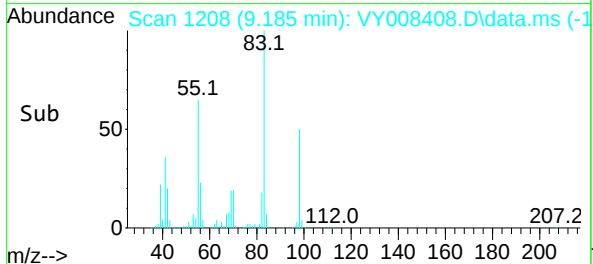
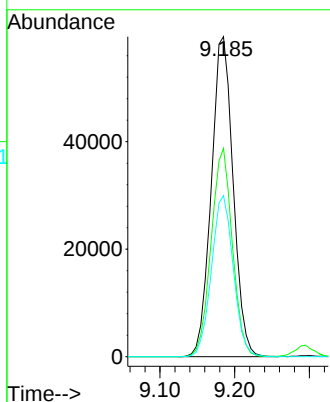
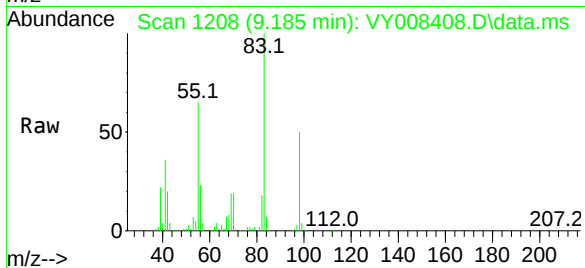
Tgt Ion: 83 Resp: 120826

Ion Ratio Lower Upper

83 100

55 65.1 66.5 99.7#

98 50.3 37.9 56.9



#40

Benzene

Concen: 52.672 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VY008408.D

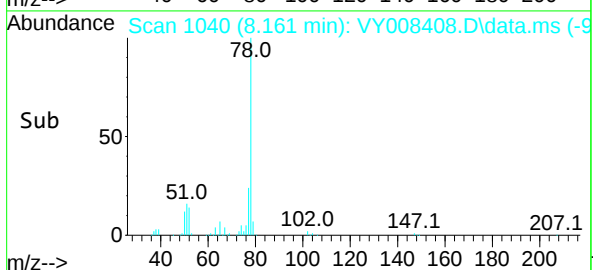
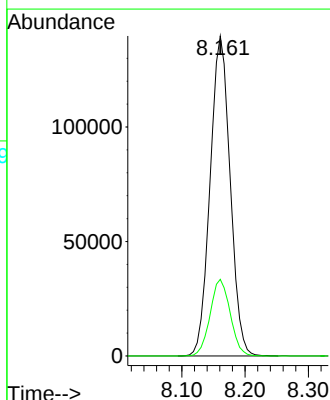
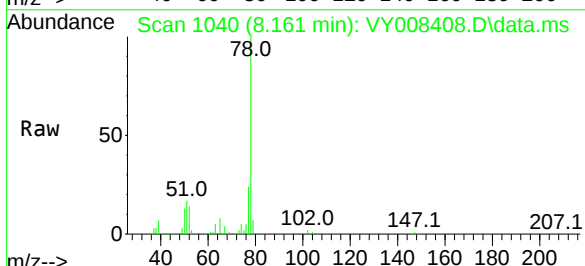
Acq: 19 Apr 2022 20:00

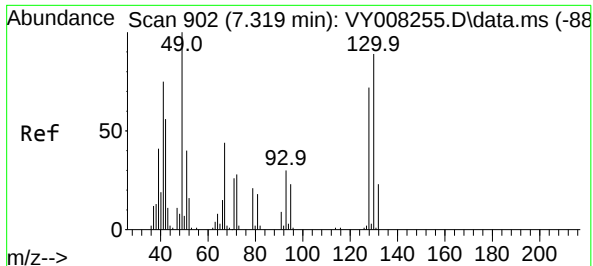
Tgt Ion: 78 Resp: 307082

Ion Ratio Lower Upper

78 100

77 24.0 20.4 30.6

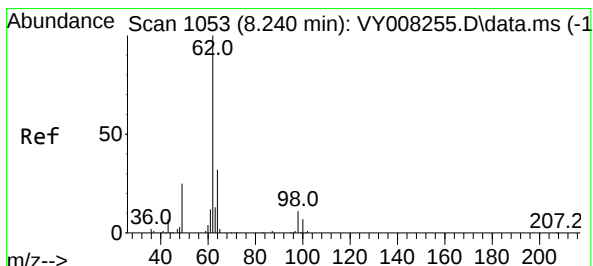
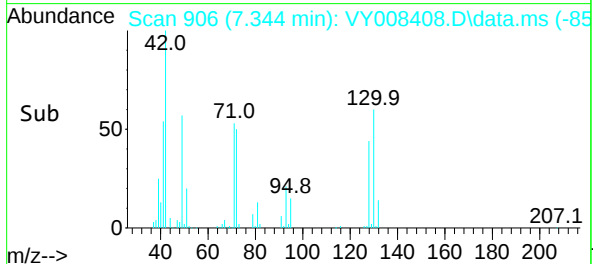
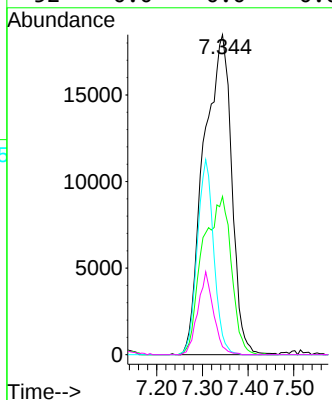
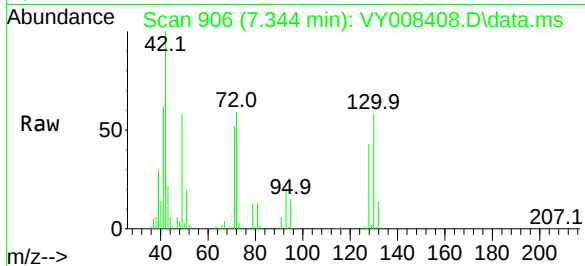




#41  
Methacrylonitrile  
Concen: 138.021 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. 0.025 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

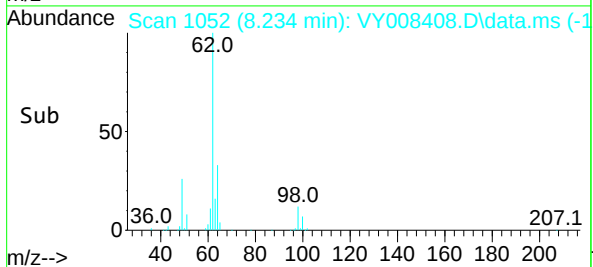
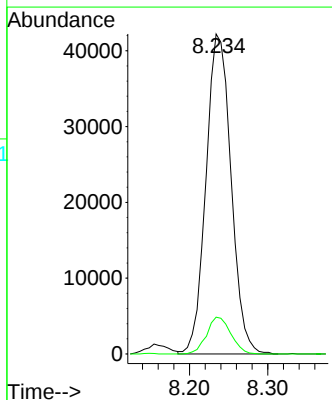
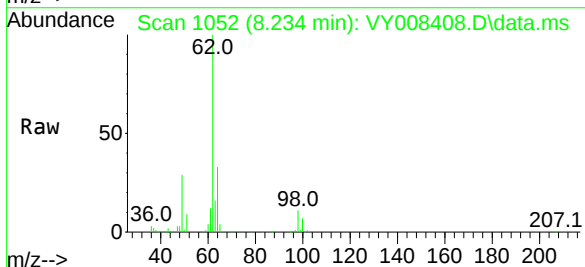
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

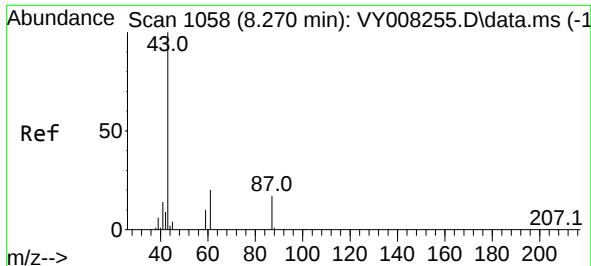
Tgt Ion: 41 Resp: 77948  
Ion Ratio Lower Upper  
41 100  
39 50.9 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 55.536 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. -0.006 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion: 62 Resp: 93934  
Ion Ratio Lower Upper  
62 100  
98 11.1 0.0 14.8

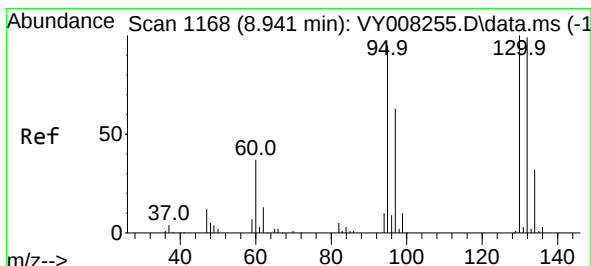
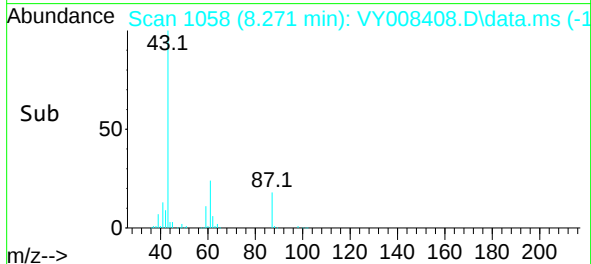
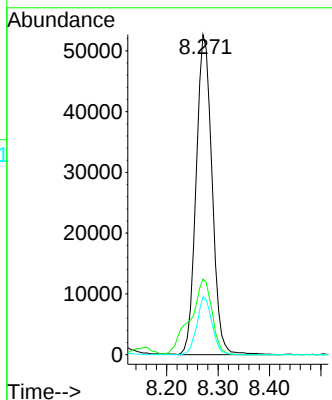
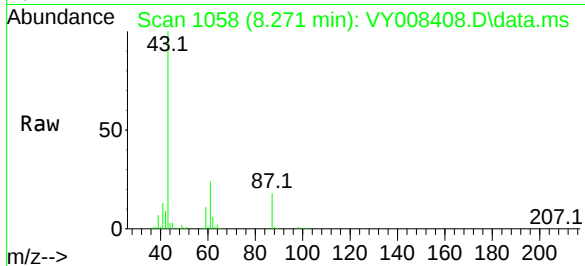




#43  
Isopropyl Acetate  
Concen: 60.301 ug/l  
RT: 8.271 min Scan# 1058  
Delta R.T. 0.001 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

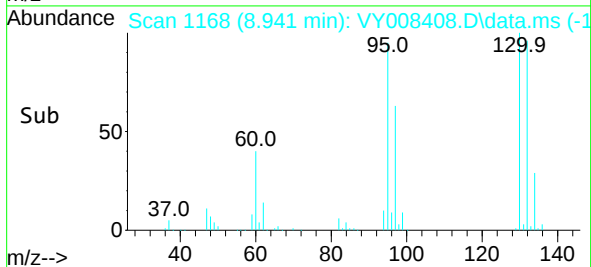
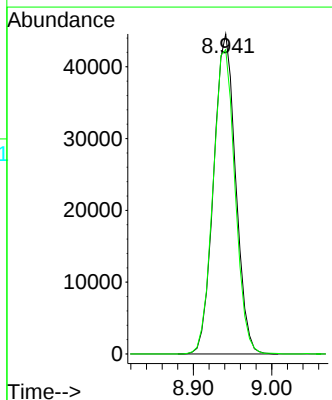
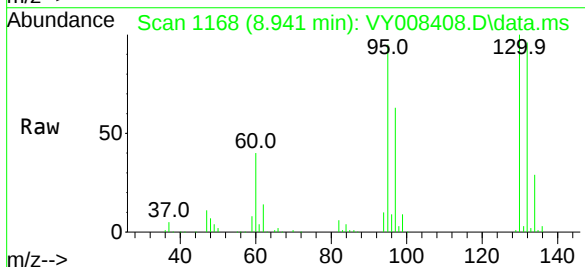
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

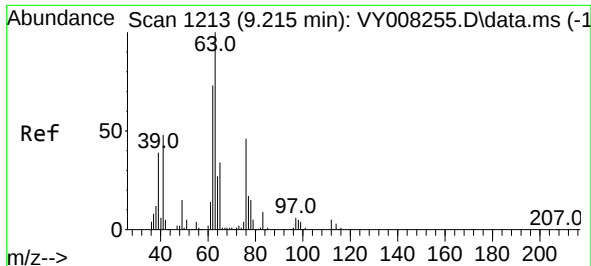
Tgt Ion: 43 Resp: 112978  
Ion Ratio Lower Upper  
43 100  
61 32.5 20.2 30.2#  
87 17.2 8.9 13.3#



#44  
Trichloroethene  
Concen: 52.286 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion: 130 Resp: 86875  
Ion Ratio Lower Upper  
130 100  
95 95.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 55.333 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

Instrument :

MSVOA\_Y

ClientSampleId :

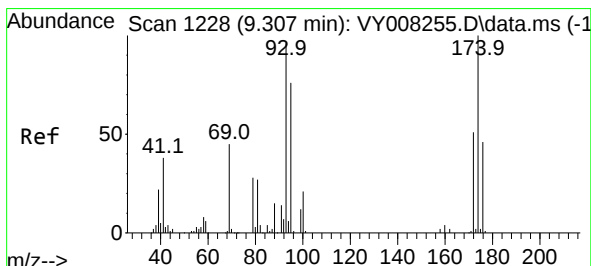
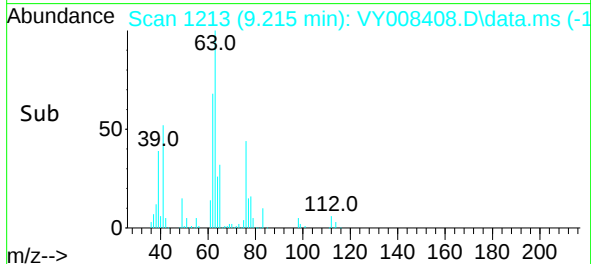
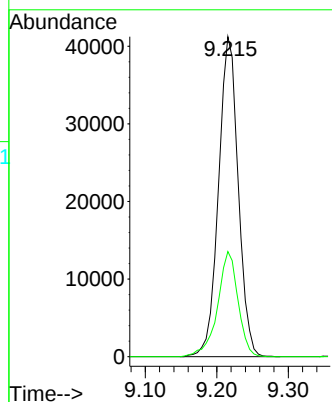
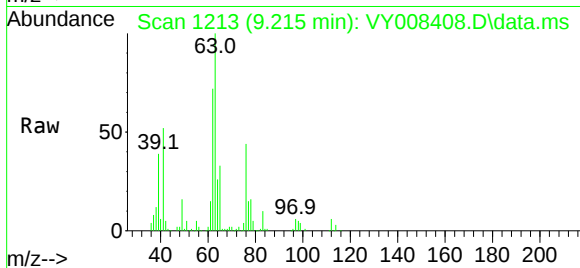
VSTDCCC050EC

Tgt Ion: 63 Resp: 78806

Ion Ratio Lower Upper

63 100

65 32.8 23.0 34.6



#46

Dibromomethane

Concen: 55.444 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

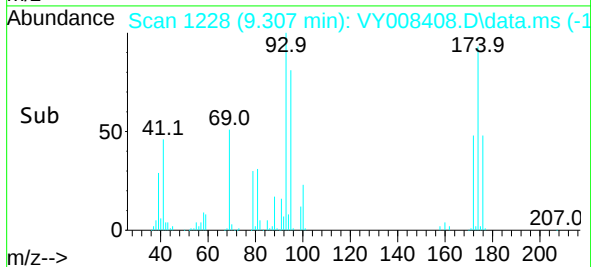
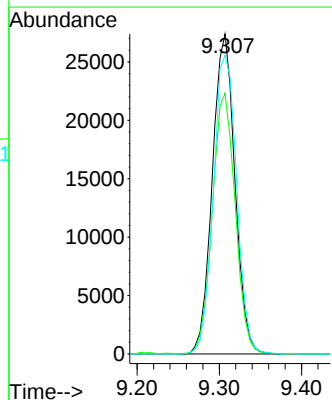
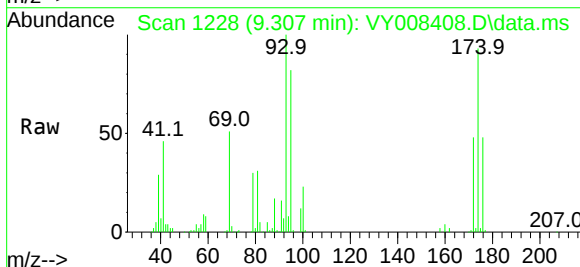
Tgt Ion: 93 Resp: 52263

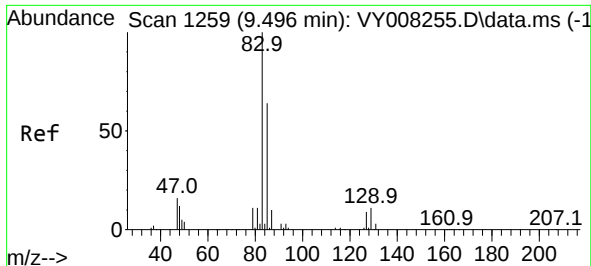
Ion Ratio Lower Upper

93 100

95 82.9 64.3 96.5

174 96.4 83.4 125.0

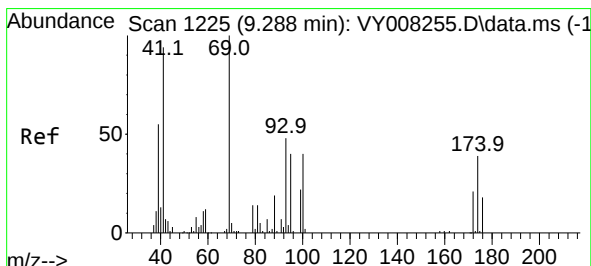
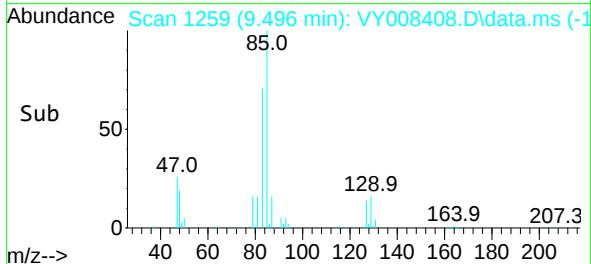
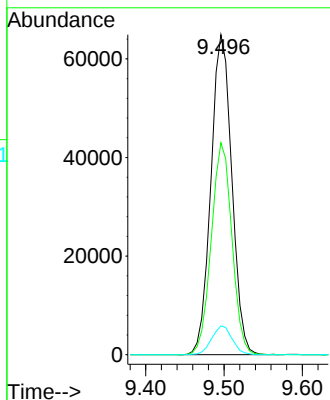
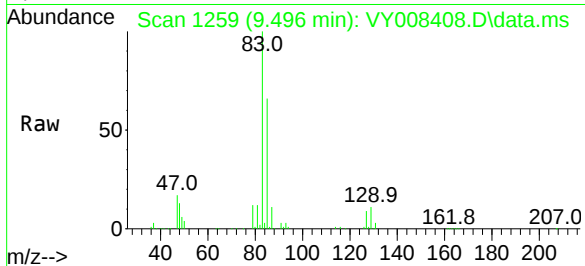




#47  
Bromodichloromethane  
Concen: 56.744 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

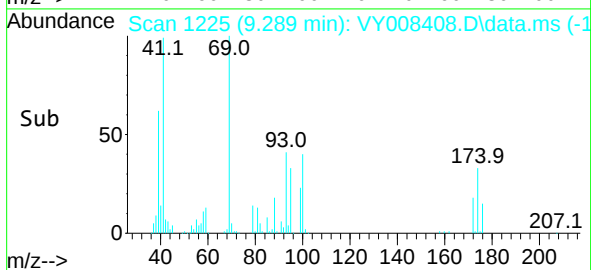
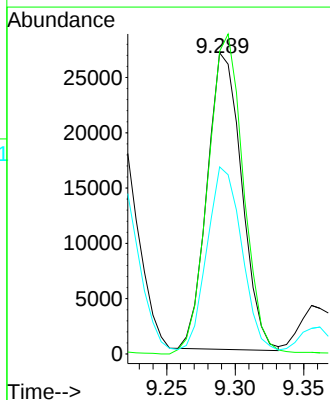
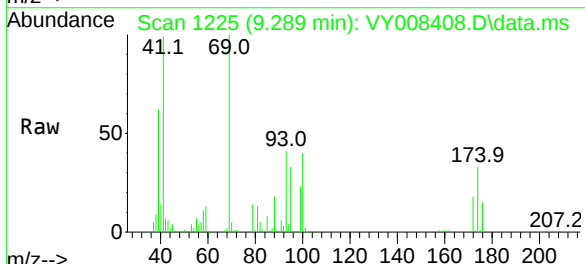
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

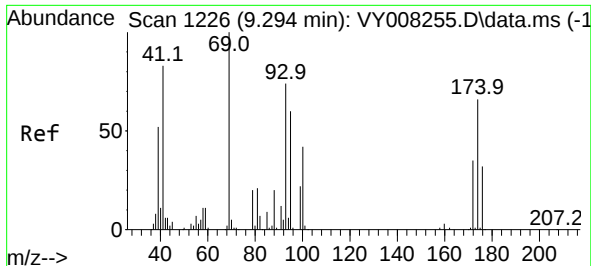
Tgt Ion: 83 Resp: 120292  
Ion Ratio Lower Upper  
83 100  
85 66.2 51.9 77.9  
127 9.0 6.6 10.0



#48  
Methyl methacrylate  
Concen: 59.190 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. 0.001 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion: 41 Resp: 47142  
Ion Ratio Lower Upper  
41 100  
69 110.7 58.2 87.2#  
39 64.5 47.4 71.0





#49

1,4-Dioxane

Concen: 1231.277 ug/l

RT: 9.295 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY008408.D

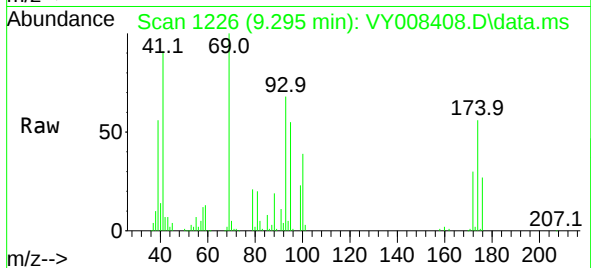
Acq: 19 Apr 2022 20:00

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC



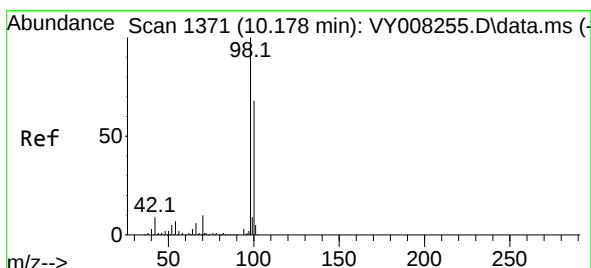
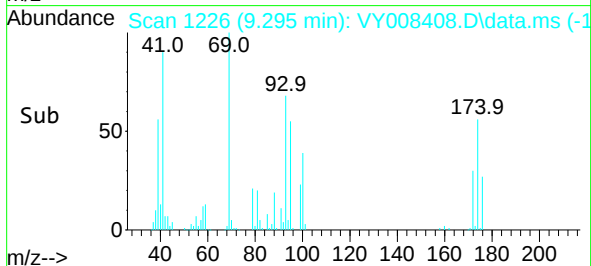
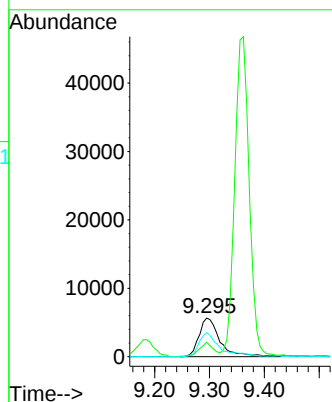
Tgt Ion: 88 Resp: 14978

Ion Ratio Lower Upper

88 100

43 25.6 32.8 49.2#

58 61.9 59.8 89.6



#50

Toluene-d8

Concen: 47.887 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY008408.D

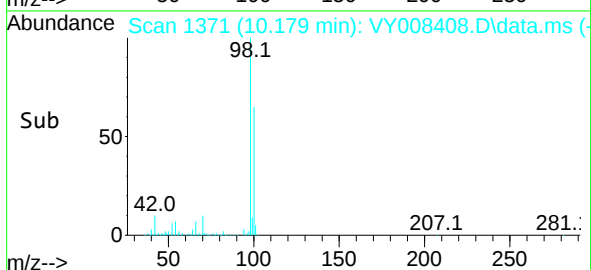
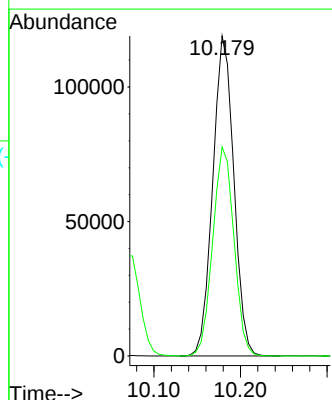
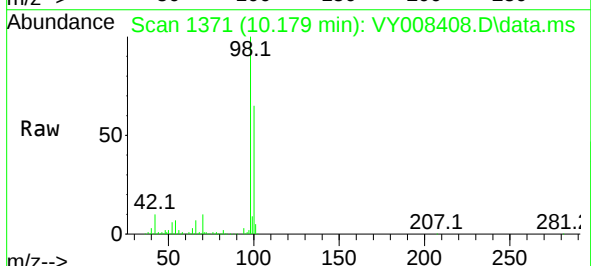
Acq: 19 Apr 2022 20:00

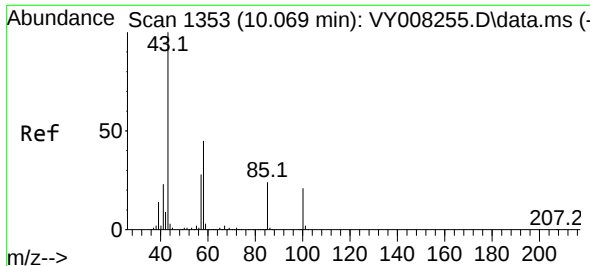
Tgt Ion: 98 Resp: 200899

Ion Ratio Lower Upper

98 100

100 65.9 50.2 75.2

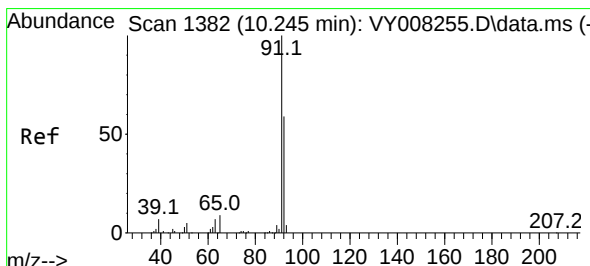
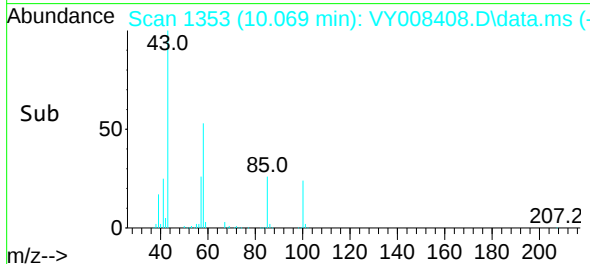
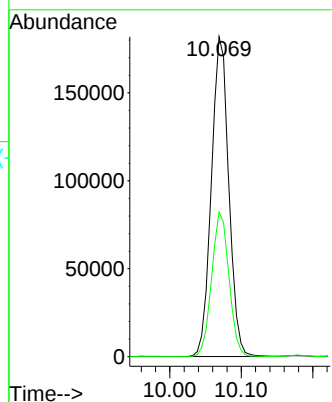
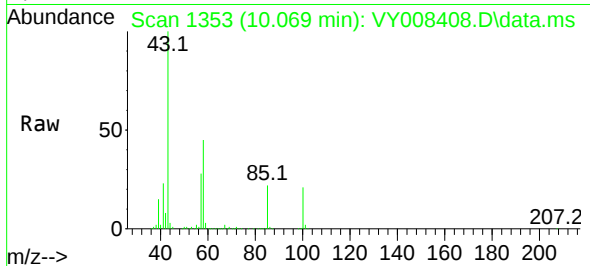




#51  
4-Methyl-2-Pentanone  
Concen: 317.440 ug/l  
RT: 10.069 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

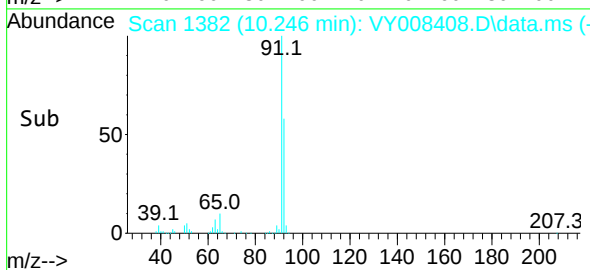
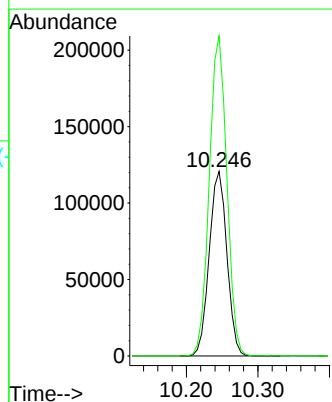
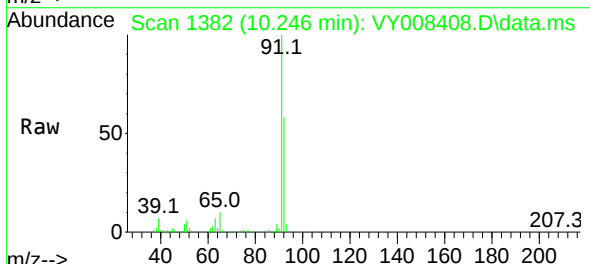
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

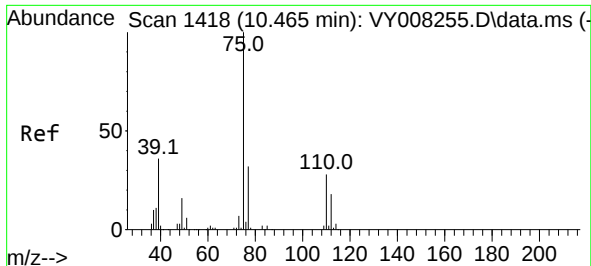
Tgt Ion: 43 Resp: 307103  
Ion Ratio Lower Upper  
43 100  
58 45.1 28.1 42.1#



#52  
Toluene  
Concen: 53.885 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.001 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion: 92 Resp: 206983  
Ion Ratio Lower Upper  
92 100  
91 172.2 142.6 213.8

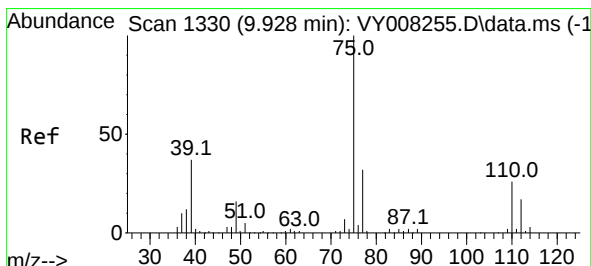
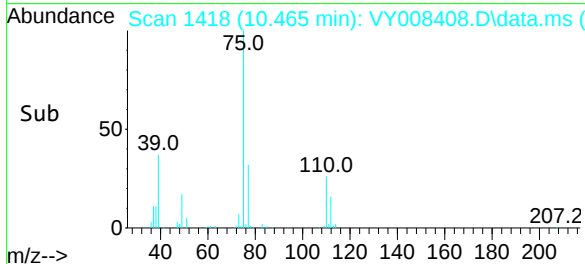
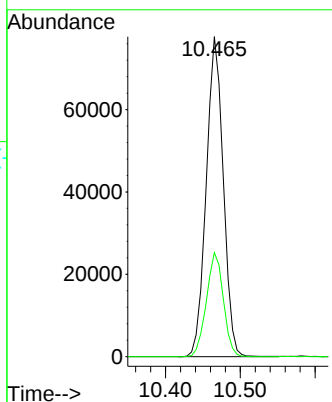
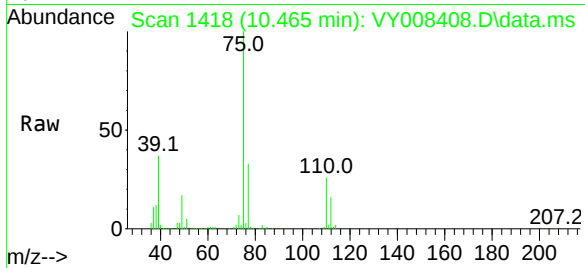




#53  
 t-1,3-Dichloropropene  
 Concen: 56.901 ug/l  
 RT: 10.465 min Scan# 1418  
 Delta R.T. 0.000 min  
 Lab File: VY008408.D  
 Acq: 19 Apr 2022 20:00

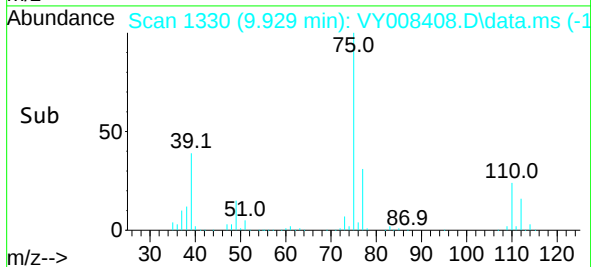
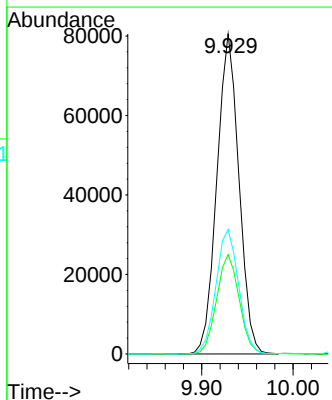
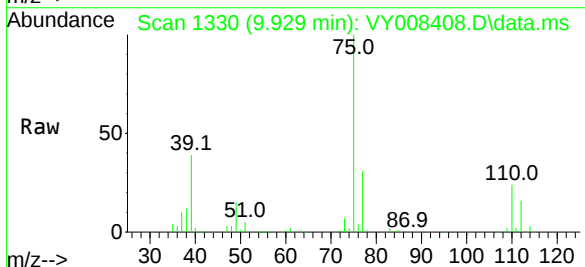
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

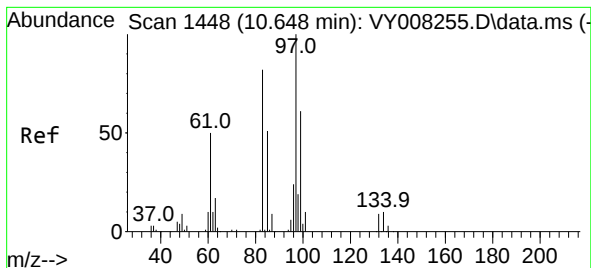
Tgt Ion: 75 Resp: 122933  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 55.278 ug/l  
 RT: 9.929 min Scan# 1330  
 Delta R.T. 0.001 min  
 Lab File: VY008408.D  
 Acq: 19 Apr 2022 20:00

Tgt Ion: 75 Resp: 134736  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 25.6 38.4  
 39 38.9 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 57.090 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 76765

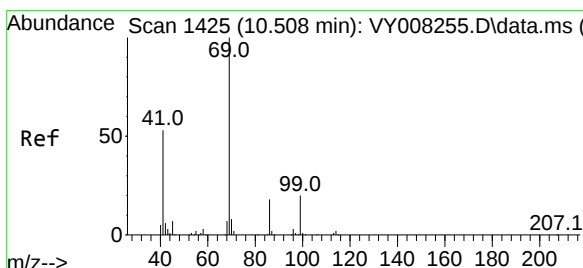
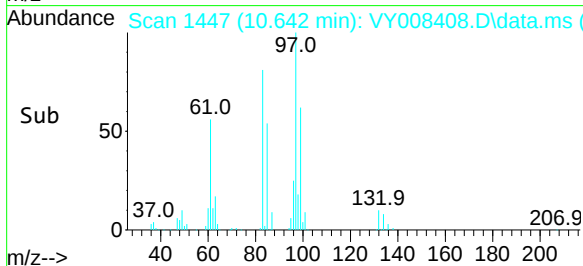
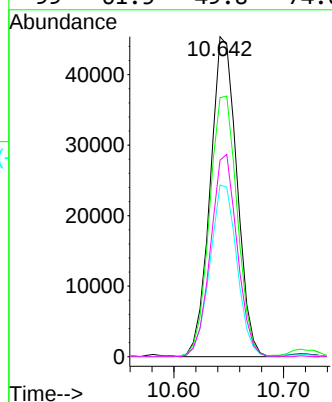
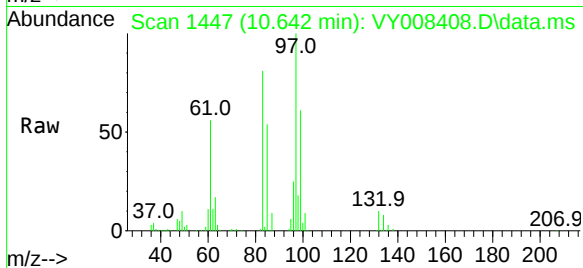
Ion Ratio Lower Upper

97 100

83 80.7 69.8 104.8

85 53.4 44.3 66.5

99 61.5 49.8 74.6



#56

Ethyl methacrylate

Concen: 60.780 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

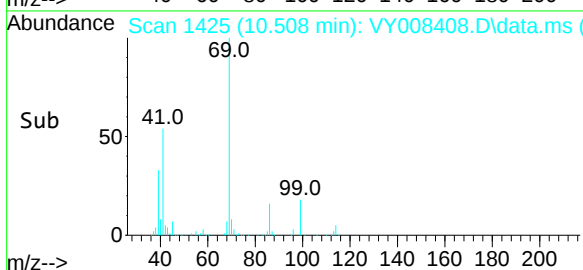
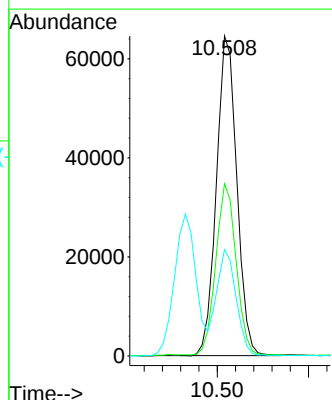
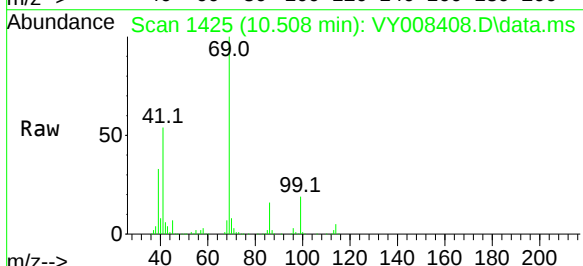
Tgt Ion: 69 Resp: 100200

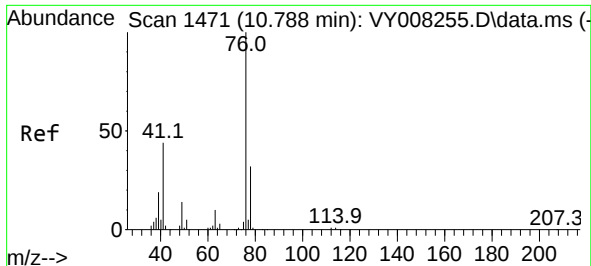
Ion Ratio Lower Upper

69 100

41 53.7 63.4 95.0#

39 31.8 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 56.202 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

Instrument :

MSVOA\_Y

ClientSampleId :

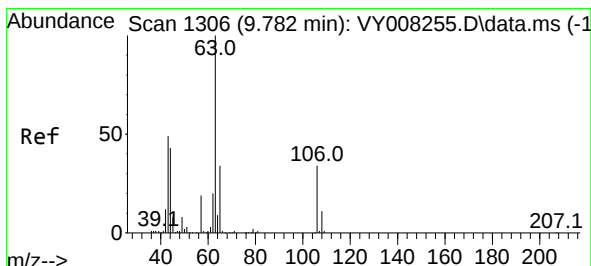
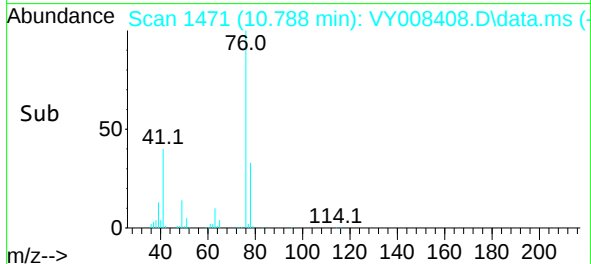
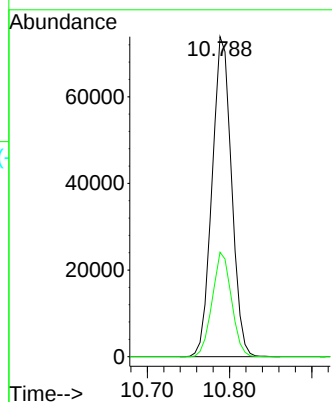
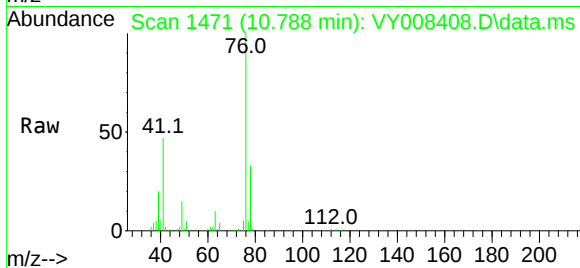
VSTDCCC050EC

Tgt Ion: 76 Resp: 121357

Ion Ratio Lower Upper

76 100

78 32.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 250.011 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008408.D

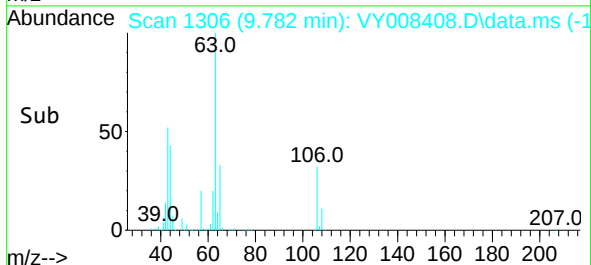
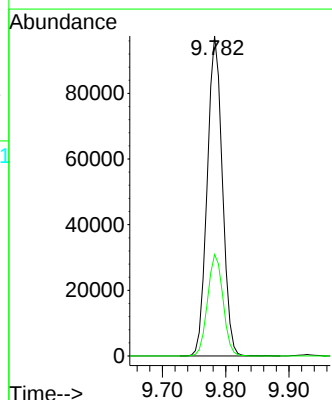
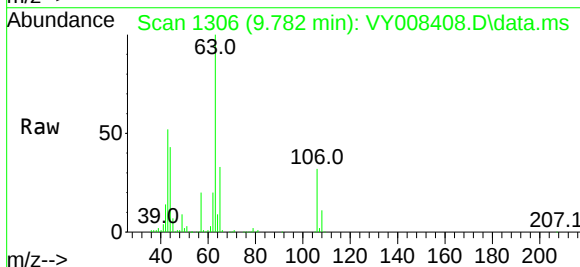
Acq: 19 Apr 2022 20:00

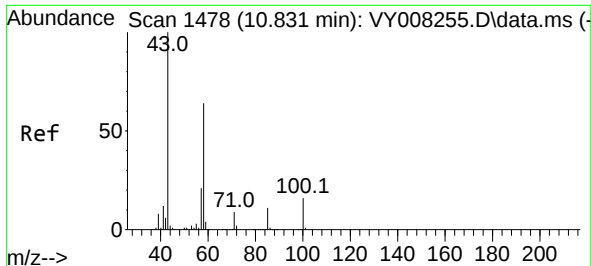
Tgt Ion: 63 Resp: 162350

Ion Ratio Lower Upper

63 100

106 32.3 21.5 32.3

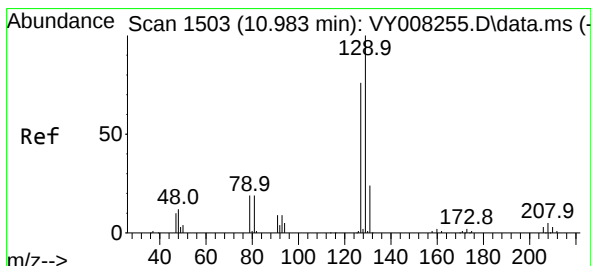
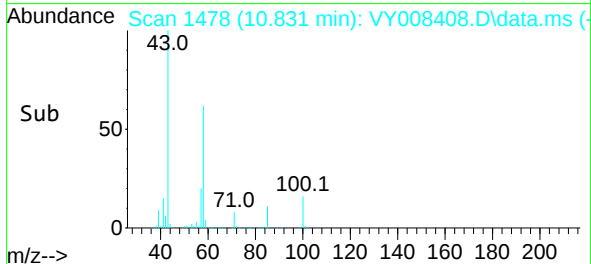
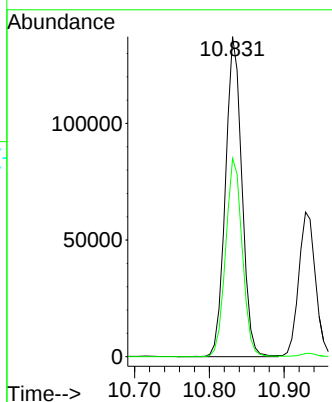
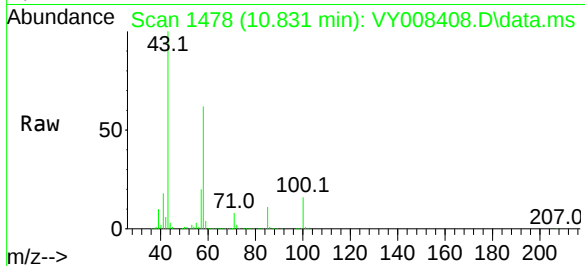




#59  
2-Hexanone  
Concen: 315.784 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

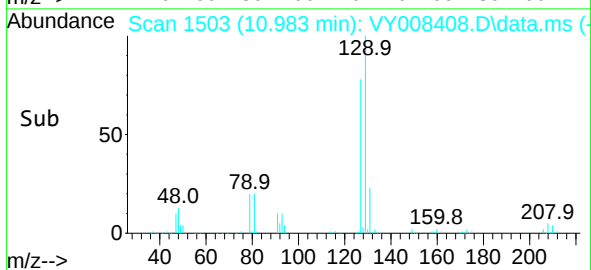
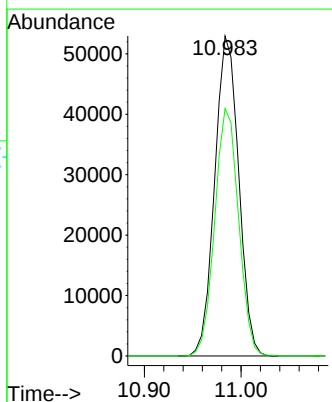
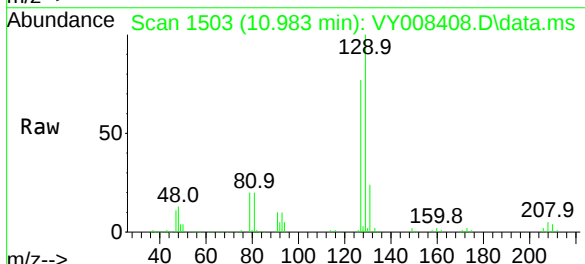
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

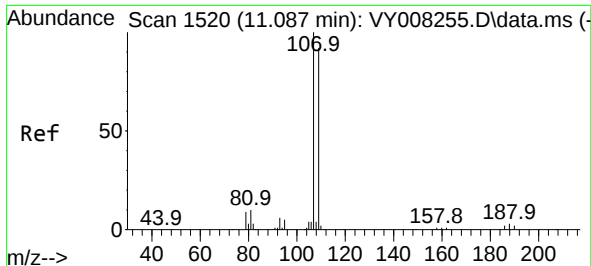
Tgt Ion: 43 Resp: 210213  
Ion Ratio Lower Upper  
43 100  
58 62.3 24.4 73.4



#60  
Dibromochloromethane  
Concen: 57.921 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion: 129 Resp: 90977  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.7 116.1

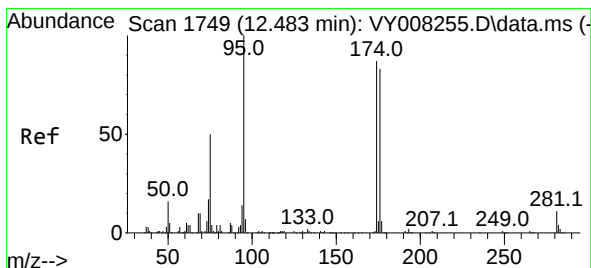
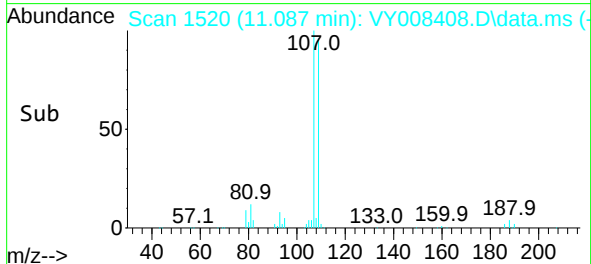
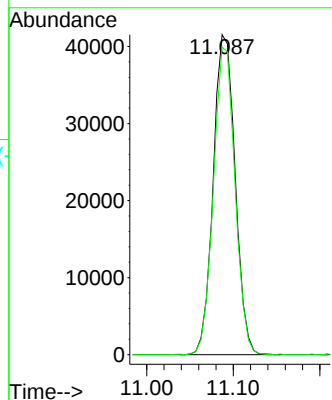
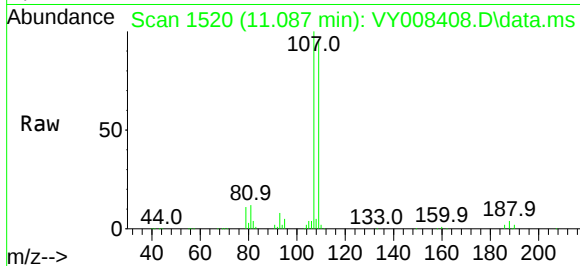




#61  
1,2-Dibromoethane  
Concen: 55.420 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

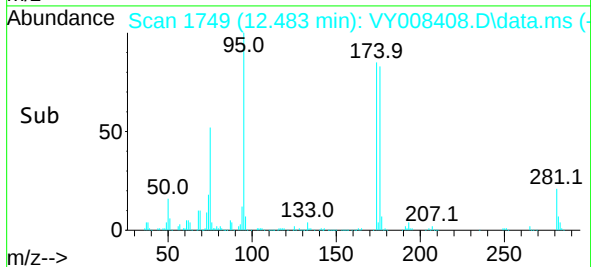
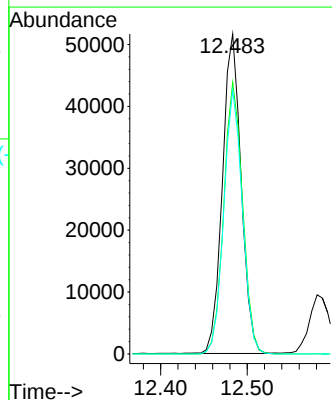
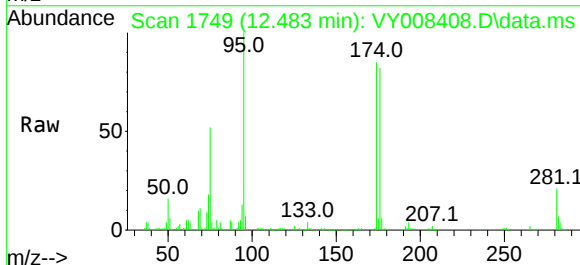
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

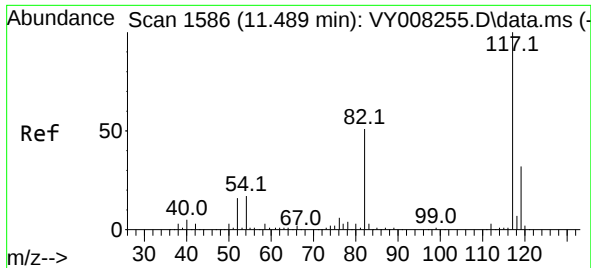
Tgt Ion:107 Resp: 72858  
Ion Ratio Lower Upper  
107 100  
109 94.9 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 49.029 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion: 95 Resp: 77365  
Ion Ratio Lower Upper  
95 100  
174 85.6 0.0 177.0  
176 82.0 0.0 175.8

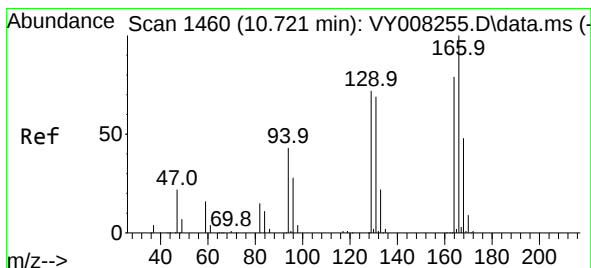
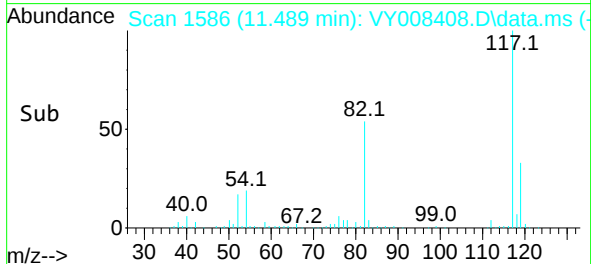
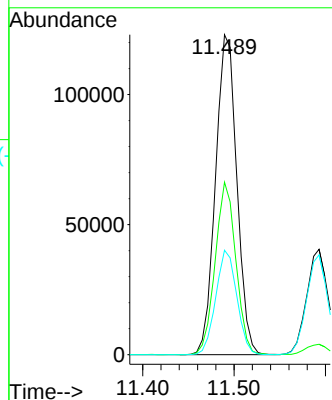
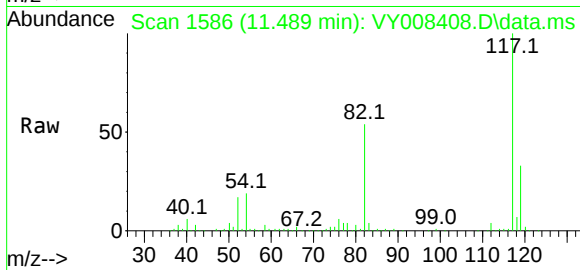




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

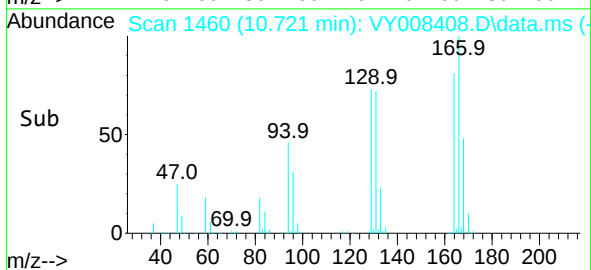
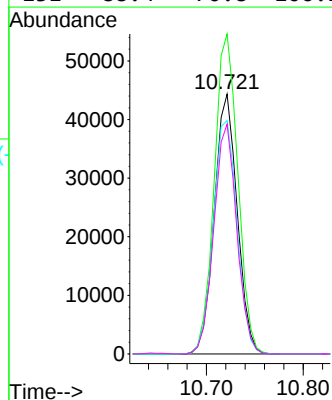
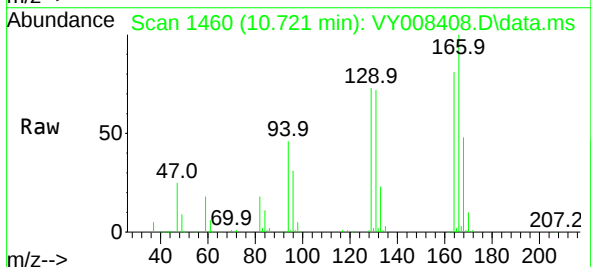
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

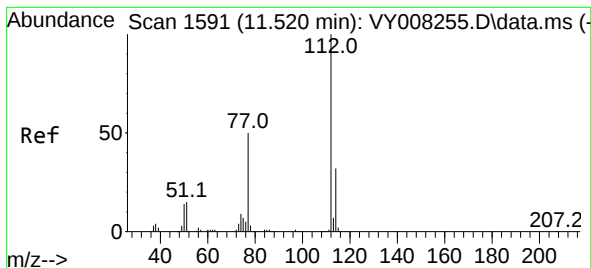
Tgt Ion:117 Resp: 199524  
Ion Ratio Lower Upper  
117 100  
82 53.9 43.0 64.4  
119 32.7 25.4 38.0



#64  
Tetrachloroethene  
Concen: 51.928 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion:164 Resp: 73025  
Ion Ratio Lower Upper  
164 100  
166 123.1 100.4 150.6  
129 89.8 71.4 107.0  
131 88.4 70.8 106.2





#65

Chlorobenzene

Concen: 54.860 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

Instrument :

MSVOA\_Y

ClientSampleId :

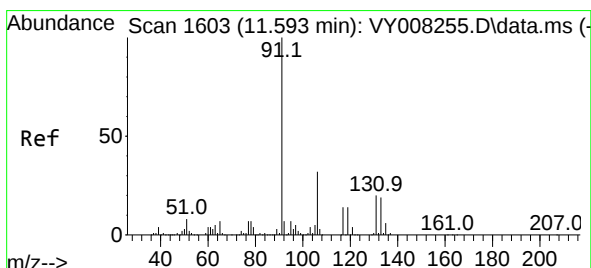
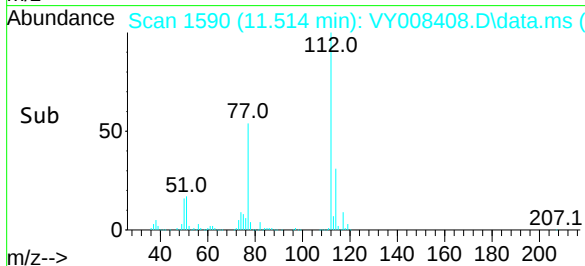
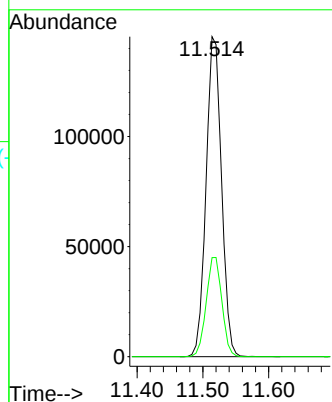
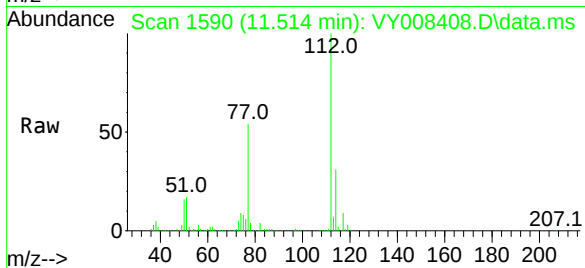
VSTDCCC050EC

Tgt Ion:112 Resp: 237377

Ion Ratio Lower Upper

112 100

114 30.9 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 58.367 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

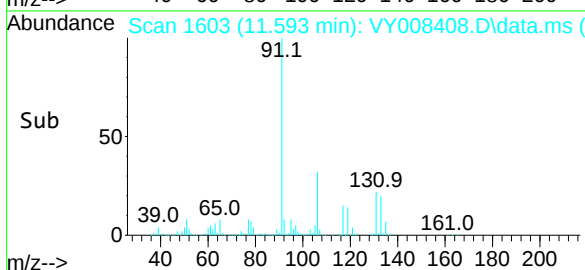
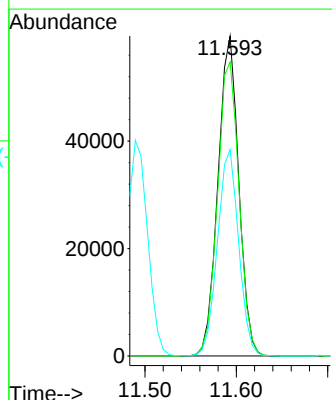
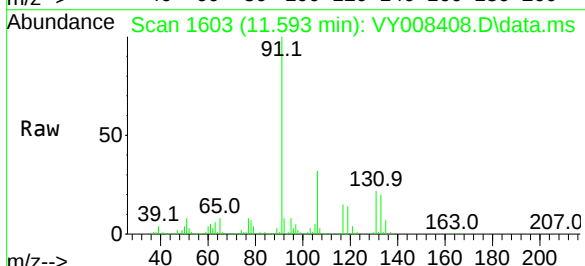
Tgt Ion:131 Resp: 94242

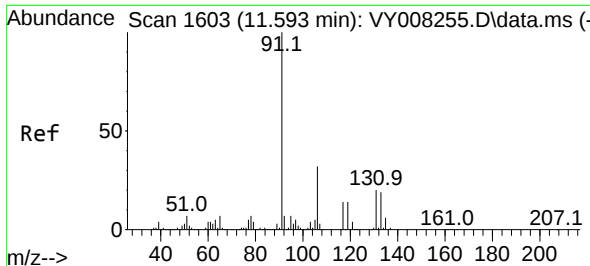
Ion Ratio Lower Upper

131 100

133 95.3 47.9 143.6

119 65.8 30.8 92.3

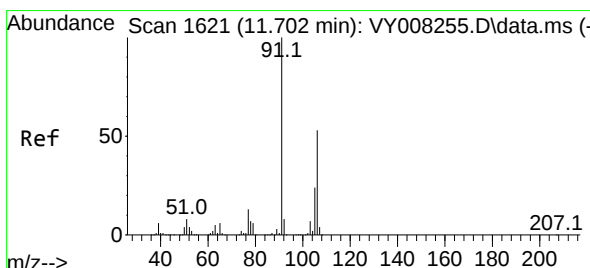
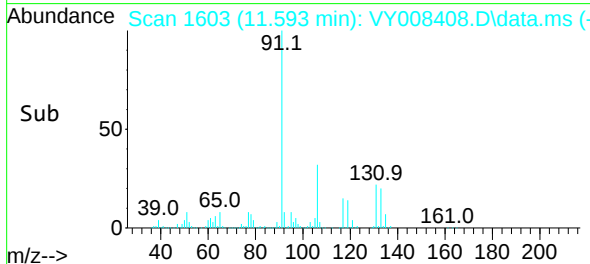
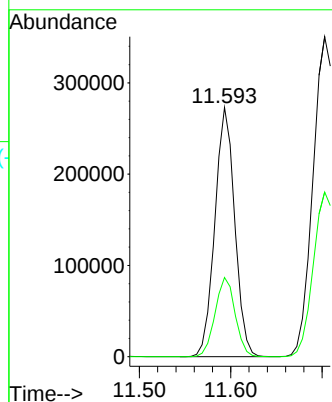
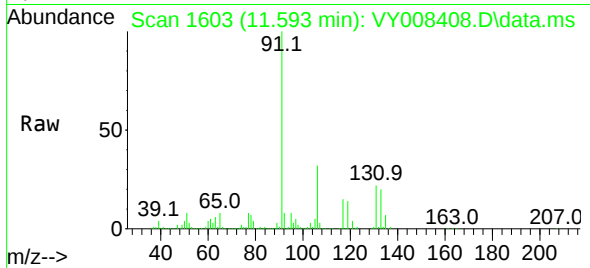




#67  
Ethyl Benzene  
Concen: 55.939 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

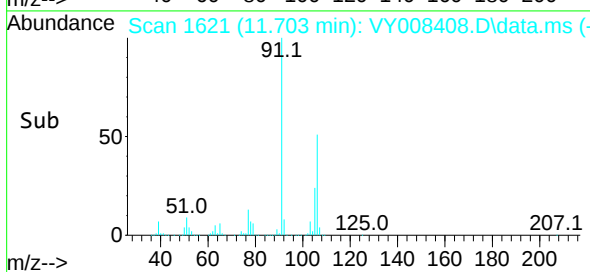
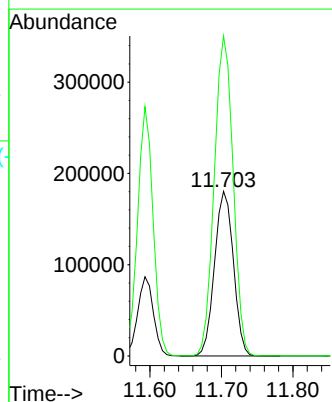
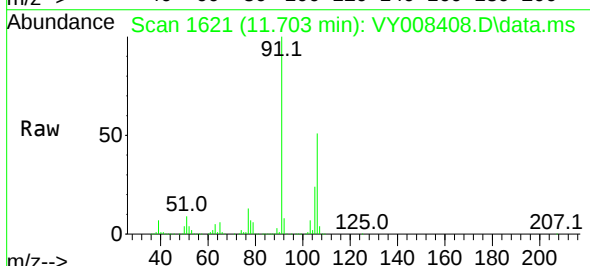
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

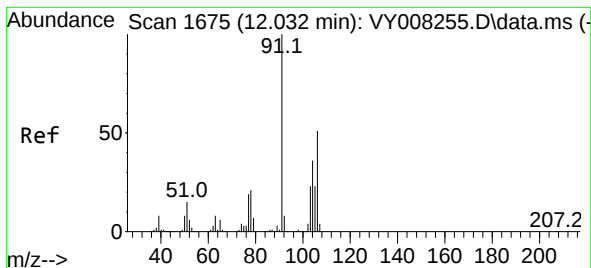
Tgt Ion: 91 Resp: 411617  
Ion Ratio Lower Upper  
91 100  
106 31.8 24.5 36.7



#68  
m/p-Xylenes  
Concen: 112.764 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.001 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion: 106 Resp: 329997  
Ion Ratio Lower Upper  
106 100  
91 194.4 166.6 249.8

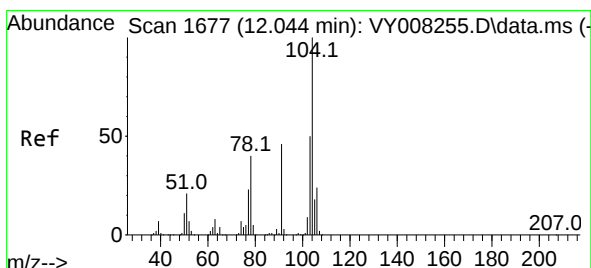
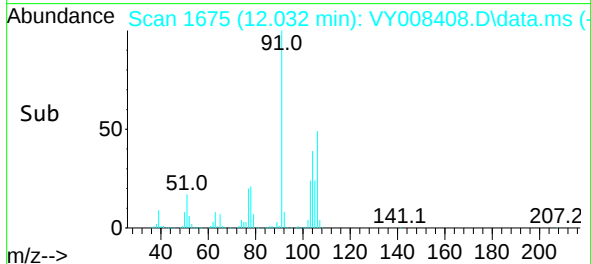
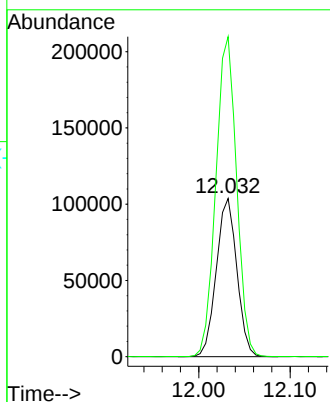
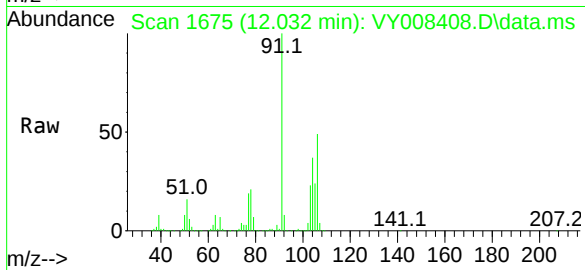




#69  
o-Xylene  
Concen: 57.136 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

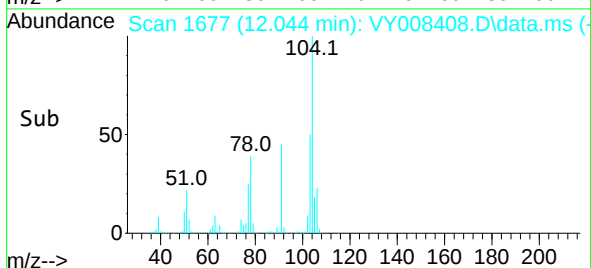
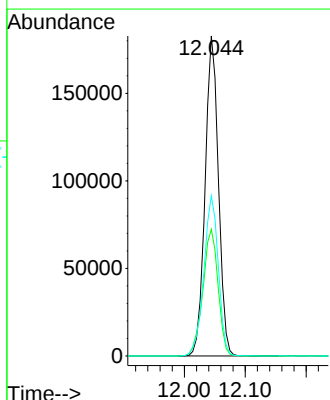
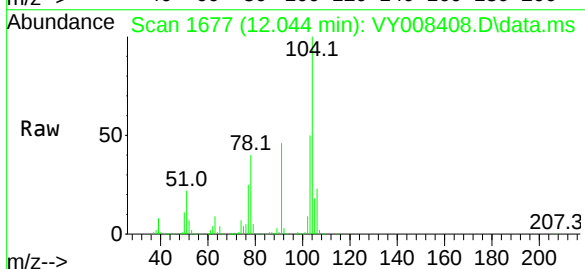
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

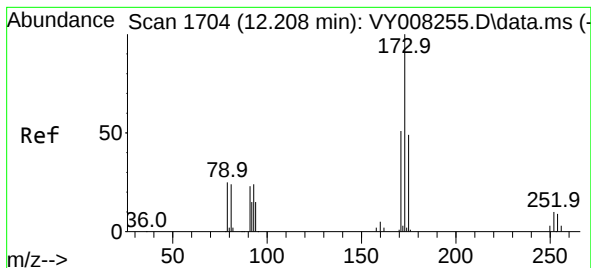
Tgt Ion:106 Resp: 162261  
Ion Ratio Lower Upper  
106 100  
91 204.1 110.3 331.0



#70  
Styrene  
Concen: 59.500 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion:104 Resp: 278671  
Ion Ratio Lower Upper  
104 100  
78 44.9 42.4 63.6  
103 54.3 44.4 66.6





#71

Bromoform

Concen: 59.104 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

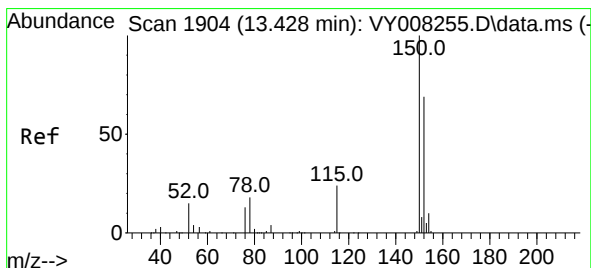
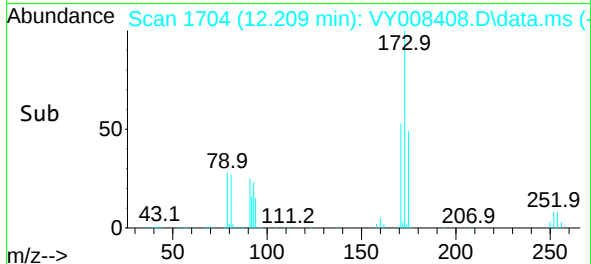
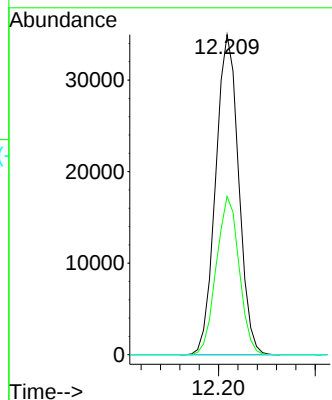
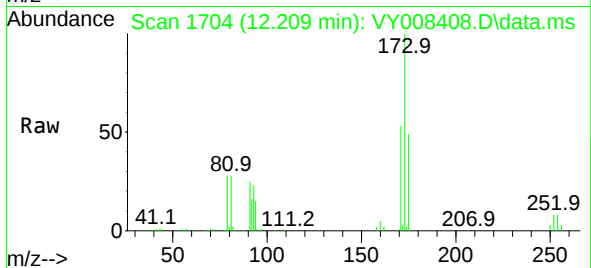
Tgt Ion:173 Resp: 57525

Ion Ratio Lower Upper

173 100

175 49.1 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

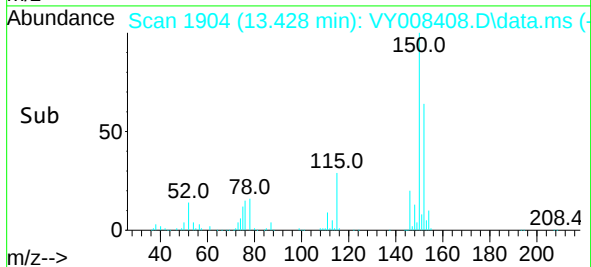
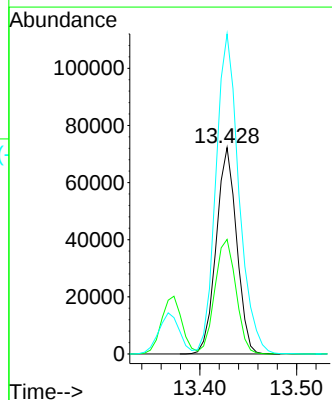
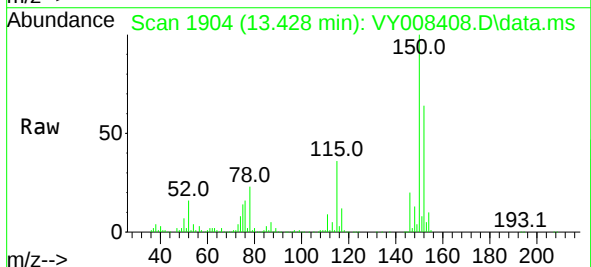
Tgt Ion:152 Resp: 105955

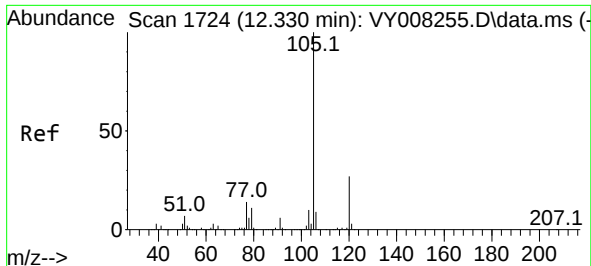
Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 175.1 0.0 347.6

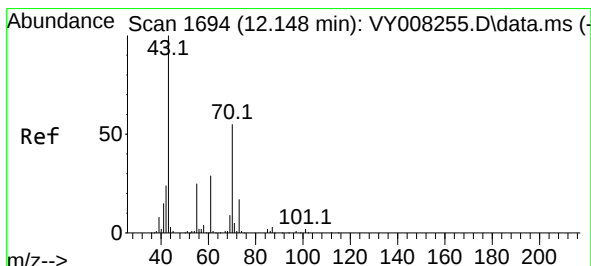
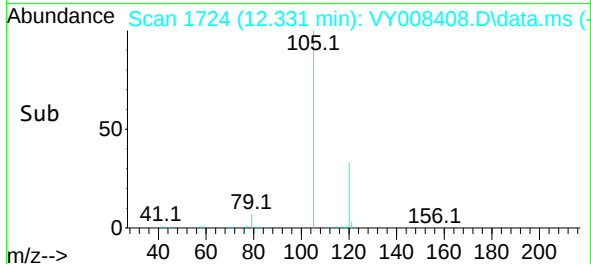
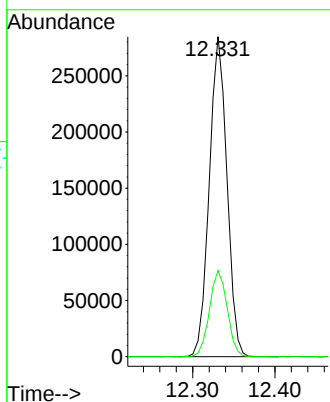
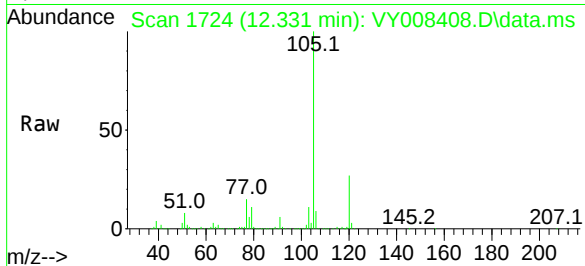




#73  
Isopropylbenzene  
Concen: 53.910 ug/l  
RT: 12.331 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

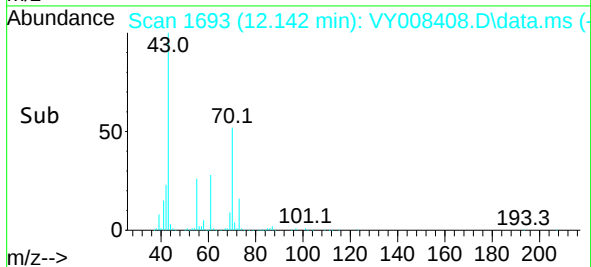
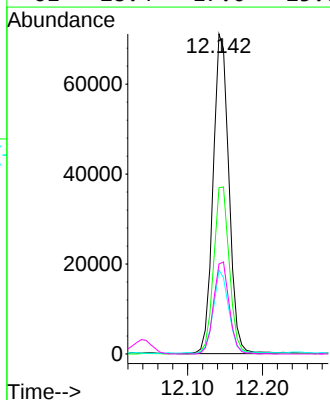
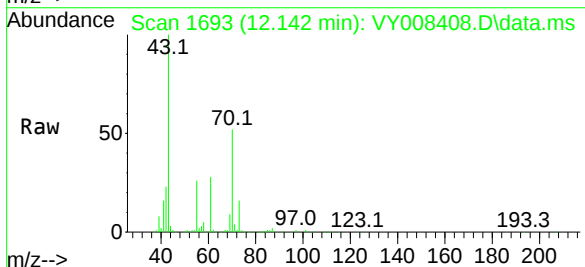
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

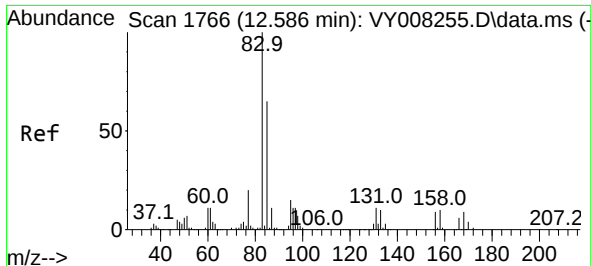
Tgt Ion:105 Resp: 424677  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.4 40.2



#74  
N-ethyl acetate  
Concen: 61.008 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.006 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion: 43 Resp: 104340  
Ion Ratio Lower Upper  
43 100  
70 52.3 28.7 43.1#  
55 25.4 17.3 25.9  
61 28.4 17.0 25.6#

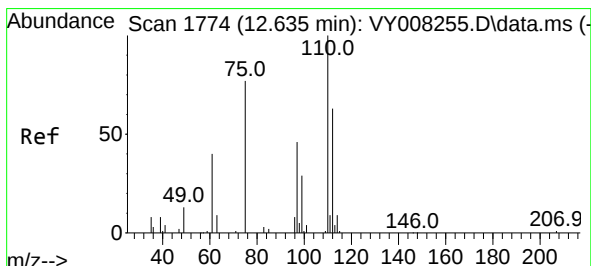
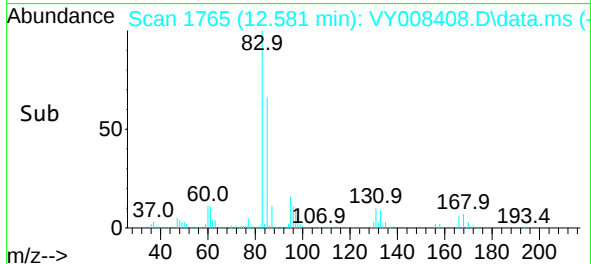
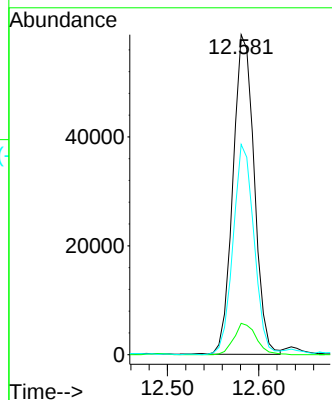
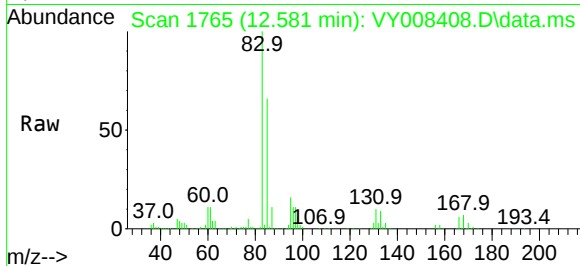




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 56.839 ug/l  
 RT: 12.581 min Scan# 1765  
 Delta R.T. -0.005 min  
 Lab File: VY008408.D  
 Acq: 19 Apr 2022 20:00

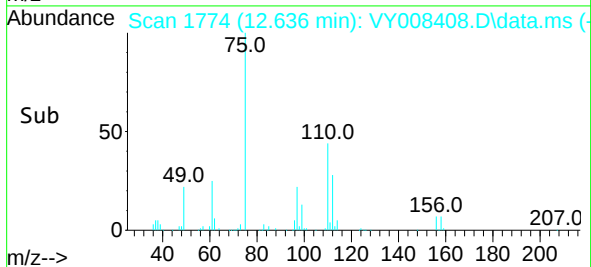
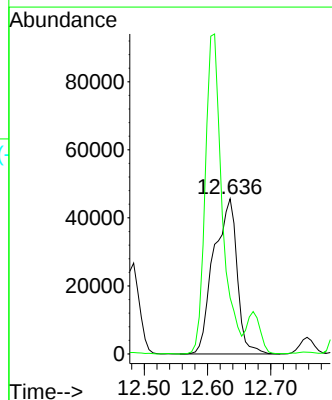
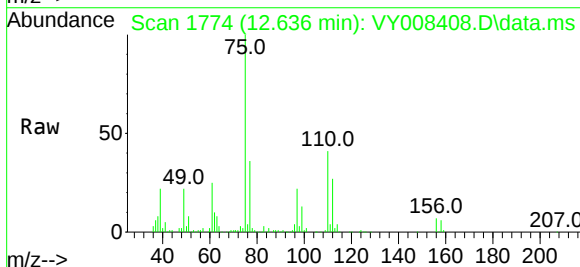
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

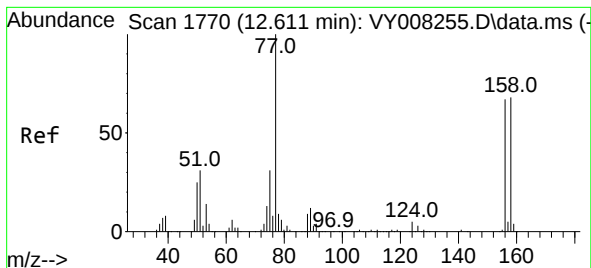
Tgt Ion: 83 Resp: 94743  
 Ion Ratio Lower Upper  
 83 100  
 131 10.3 5.6 16.8  
 85 65.0 32.3 96.8



#76  
 1,2,3-Trichloropropane  
 Concen: 99.766 ug/l  
 RT: 12.636 min Scan# 1774  
 Delta R.T. 0.001 min  
 Lab File: VY008408.D  
 Acq: 19 Apr 2022 20:00

Tgt Ion: 75 Resp: 116909  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.910 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

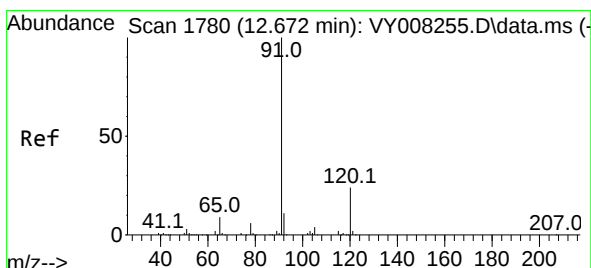
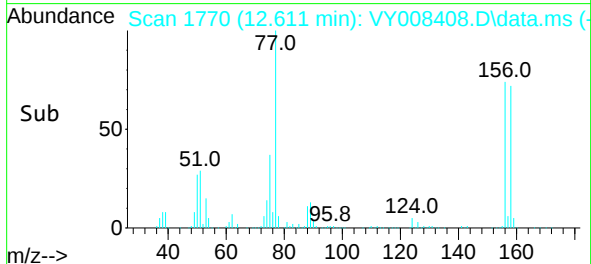
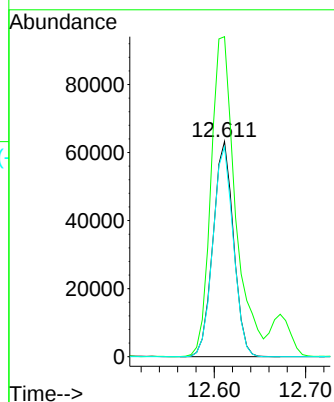
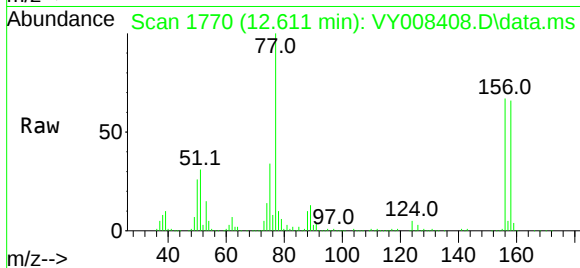
Tgt Ion:156 Resp: 98276

Ion Ratio Lower Upper

156 100

77 177.9 95.5 286.4

158 97.5 48.0 144.0



#78

n-propylbenzene

Concen: 53.553 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008408.D

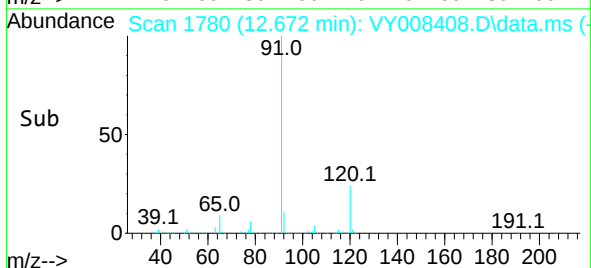
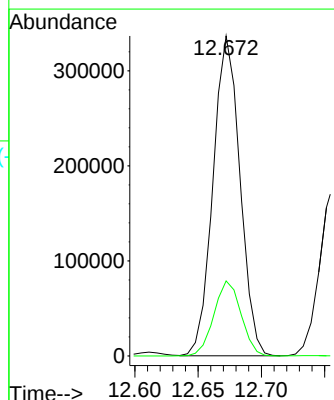
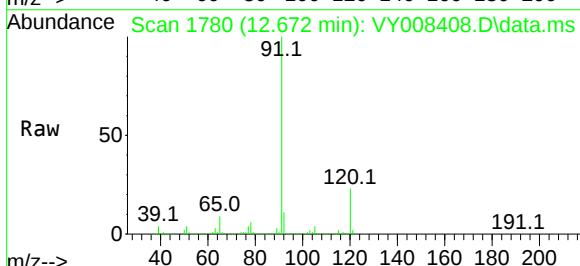
Acq: 19 Apr 2022 20:00

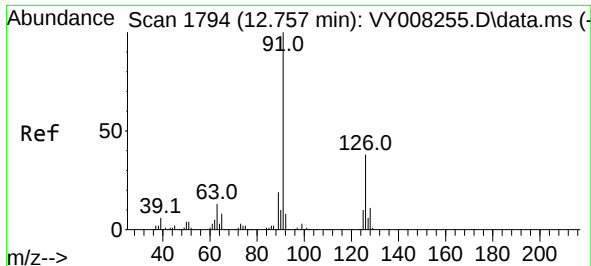
Tgt Ion: 91 Resp: 497809

Ion Ratio Lower Upper

91 100

120 23.6 11.3 33.9





#79

2-Chlorotoluene

Concen: 54.370 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

Instrument :

MSVOA\_Y

ClientSampleId :

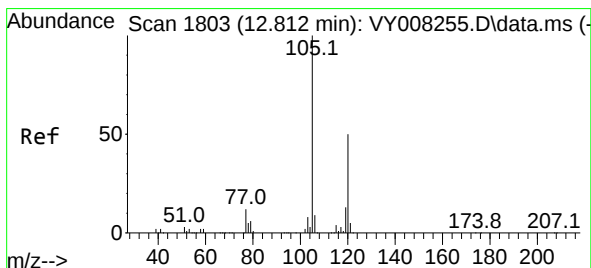
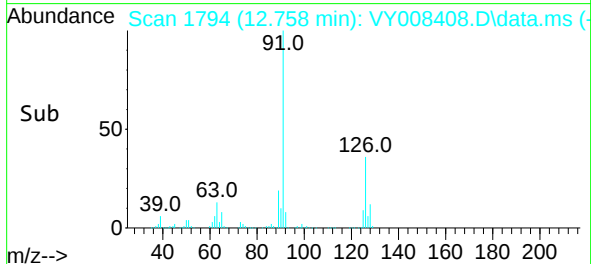
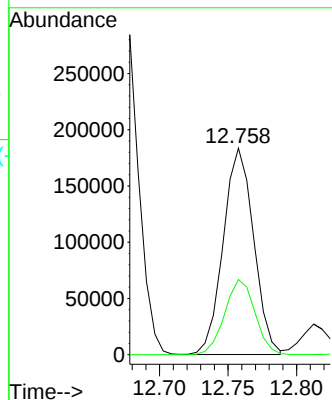
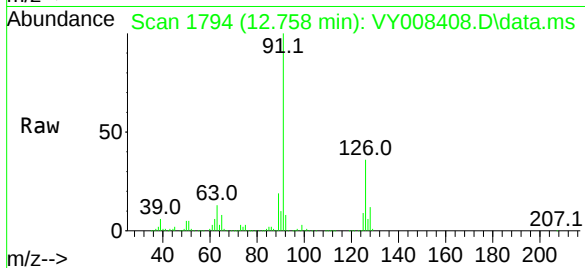
VSTDCCC050EC

Tgt Ion: 91 Resp: 283636

Ion Ratio Lower Upper

91 100

126 36.2 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 55.030 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY008408.D

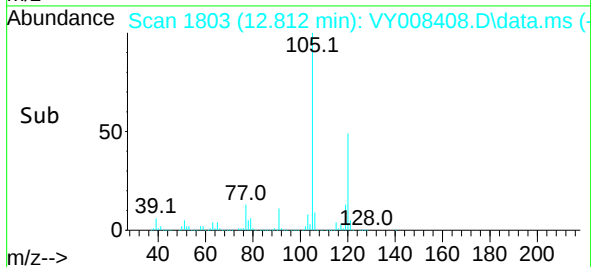
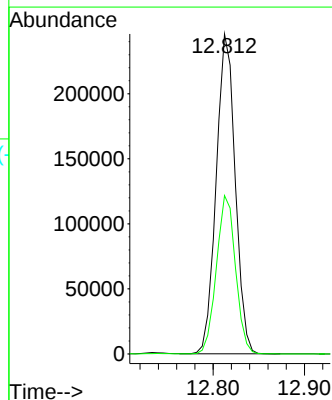
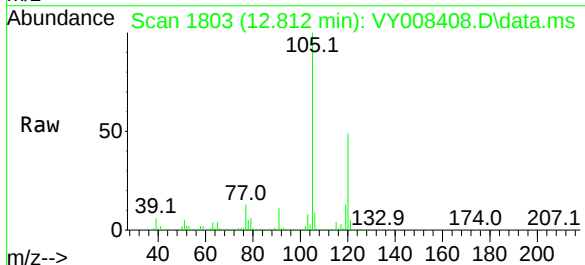
Acq: 19 Apr 2022 20:00

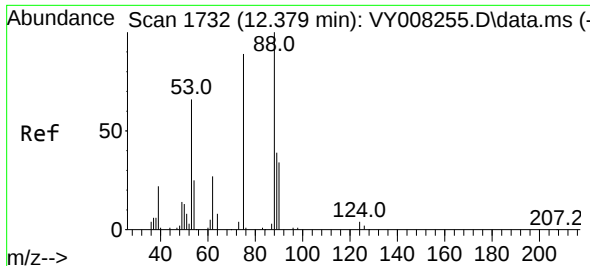
Tgt Ion:105 Resp: 355467

Ion Ratio Lower Upper

105 100

120 49.8 24.4 73.4

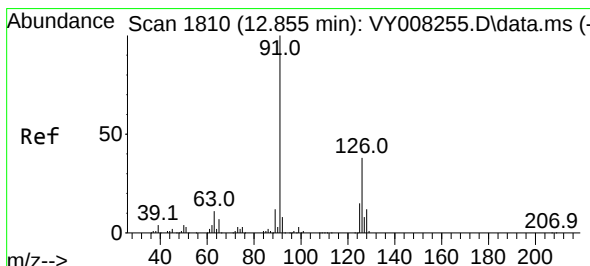
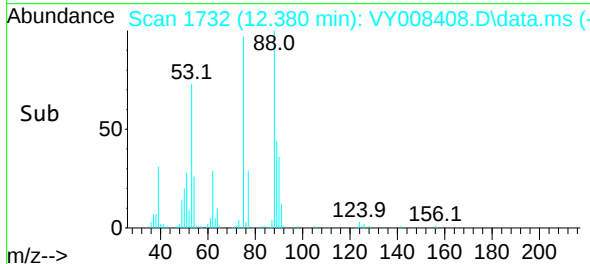
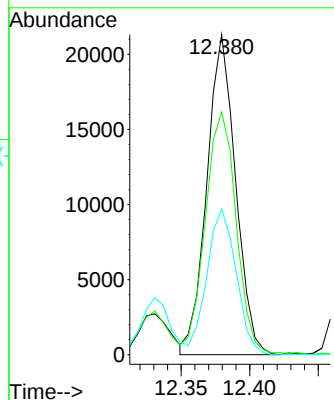
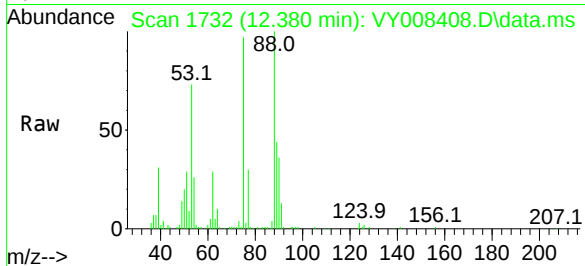




#81  
trans-1,4-Dichloro-2-butene  
Concen: 59.357 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.001 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

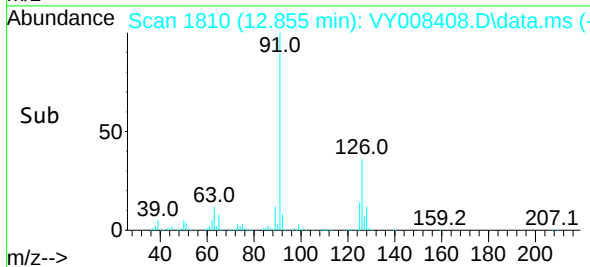
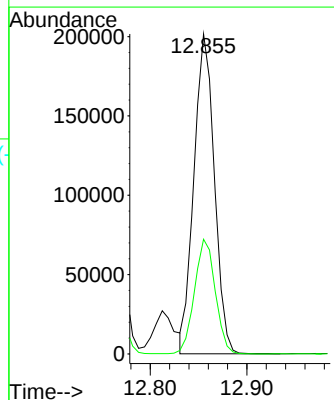
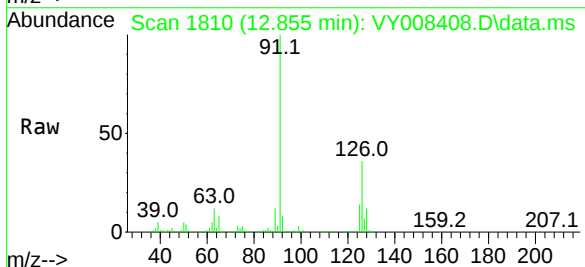
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

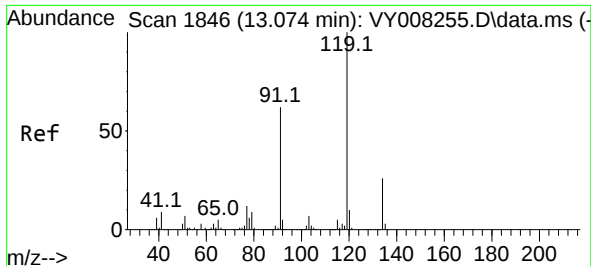
Tgt Ion: 75 Resp: 31087  
Ion Ratio Lower Upper  
75 100  
53 81.9 85.3 127.9#  
89 46.0 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 55.073 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion: 91 Resp: 295245  
Ion Ratio Lower Upper  
91 100  
126 36.7 17.0 51.0

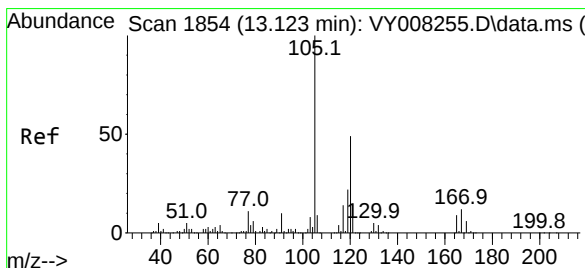
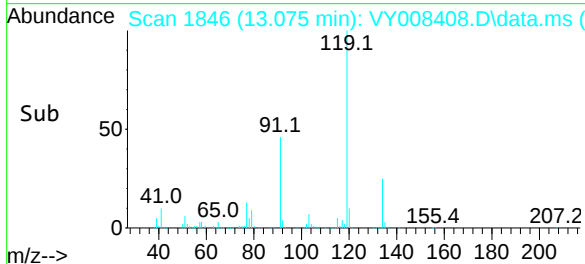
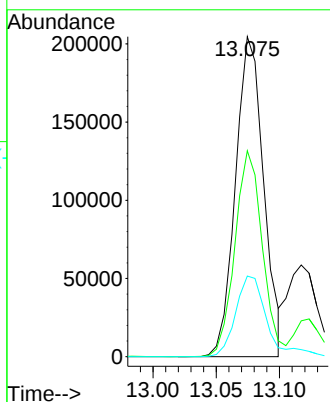
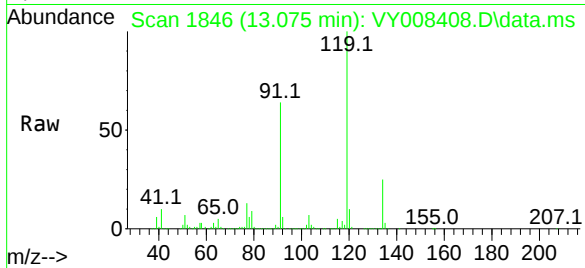




#83  
tert-Butylbenzene  
Concen: 54.713 ug/l  
RT: 13.075 min Scan# 119  
Delta R.T. 0.001 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

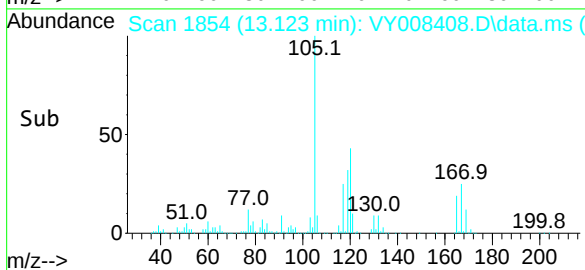
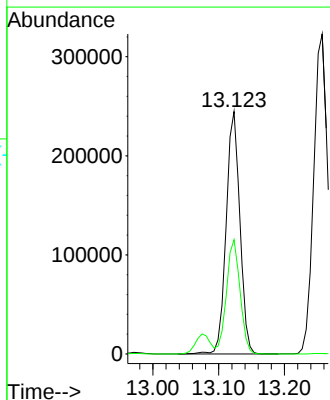
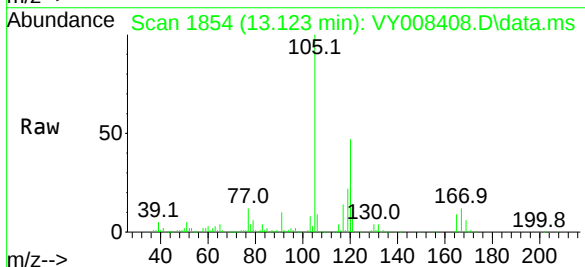
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

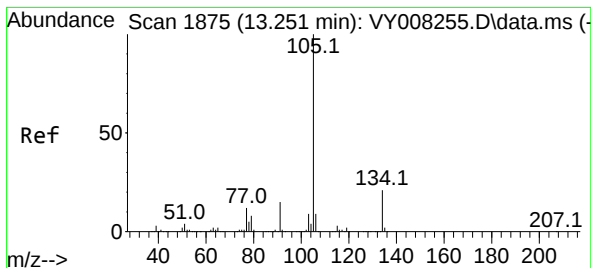
Tgt Ion:119 Resp: 317054  
Ion Ratio Lower Upper  
119 100  
91 62.9 34.8 104.4  
134 27.9 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 55.648 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion:105 Resp: 355732  
Ion Ratio Lower Upper  
105 100  
120 46.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 55.726 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

Instrument :

MSVOA\_Y

ClientSampleId :

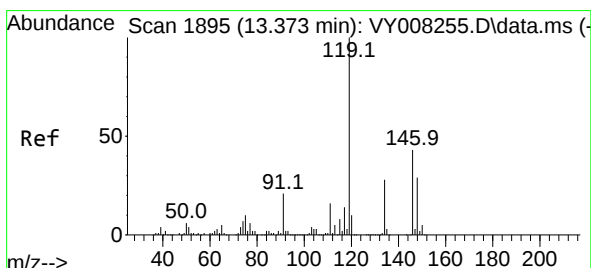
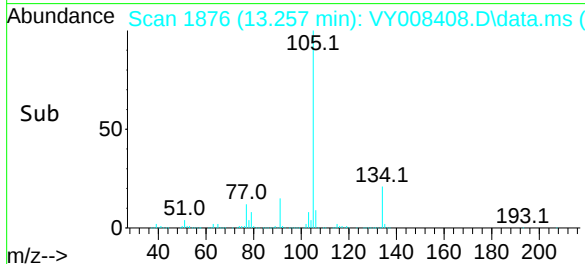
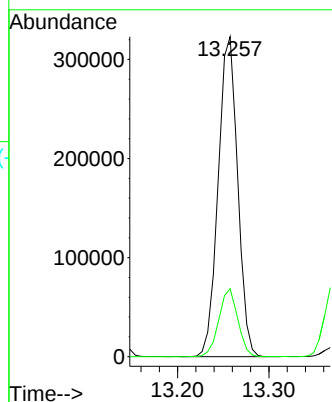
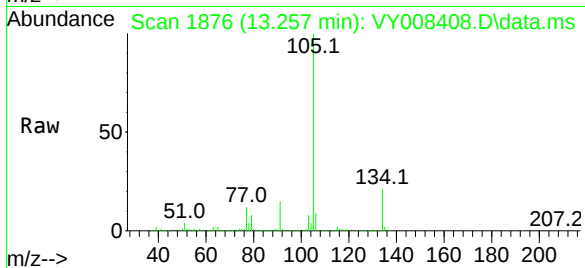
VSTDCCC050EC

Tgt Ion:105 Resp: 478754

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.4



#86

p-Isopropyltoluene

Concen: 55.789 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

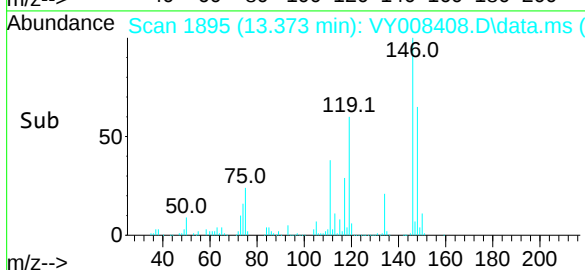
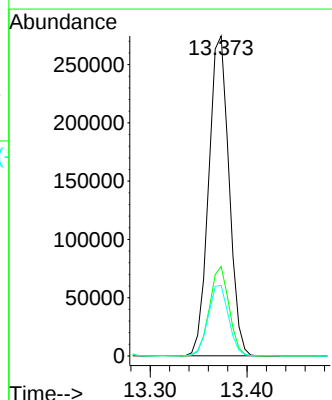
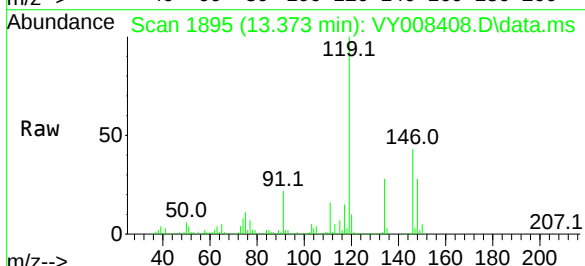
Tgt Ion:119 Resp: 399961

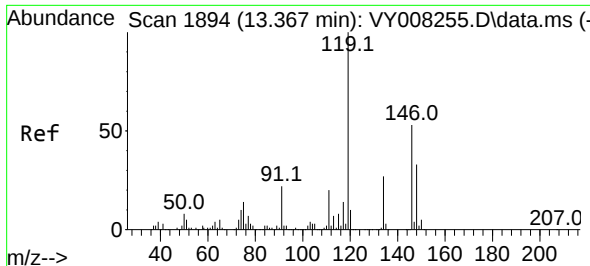
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 22.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 54.179 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

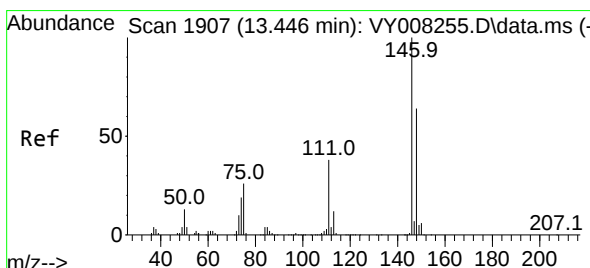
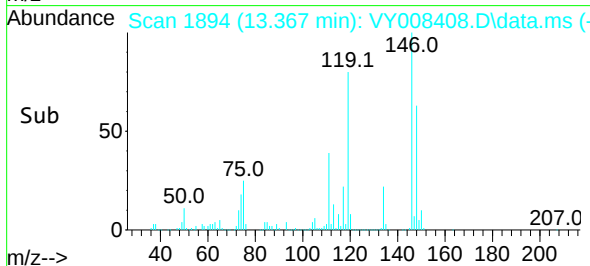
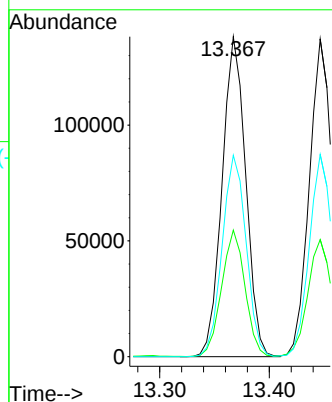
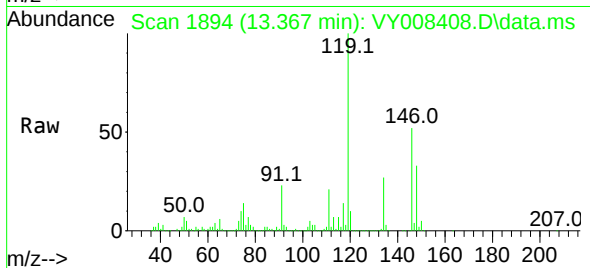
Tgt Ion:146 Resp: 207131

Ion Ratio Lower Upper

146 100

111 39.0 19.5 58.5

148 63.8 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 53.481 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

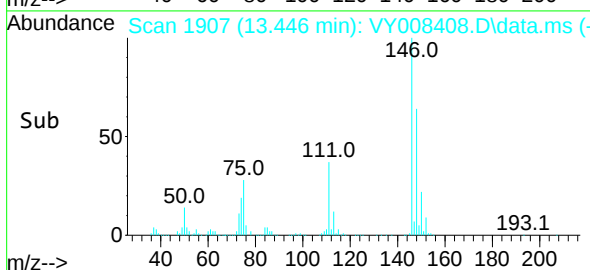
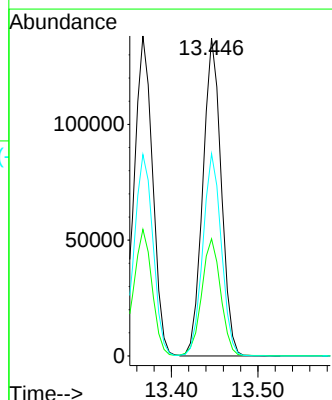
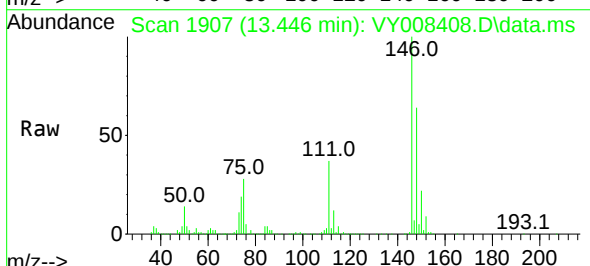
Tgt Ion:146 Resp: 202363

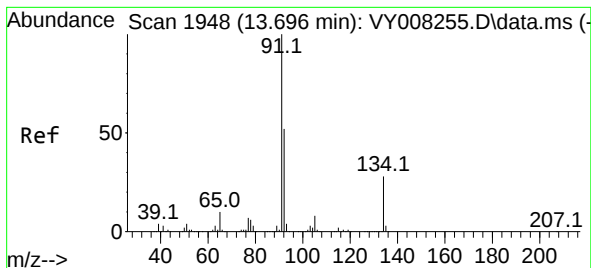
Ion Ratio Lower Upper

146 100

111 37.9 19.3 57.8

148 64.0 32.6 97.8





#89

n-Butylbenzene

Concen: 54.586 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

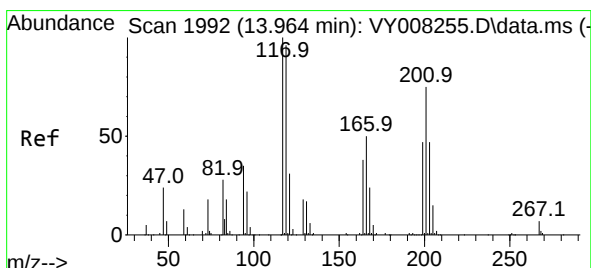
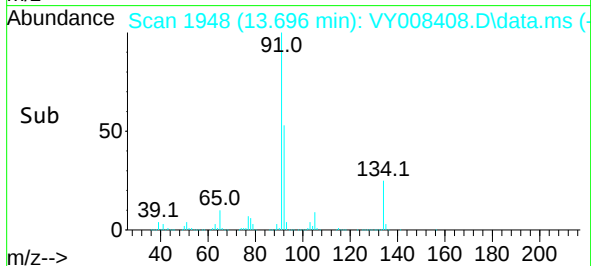
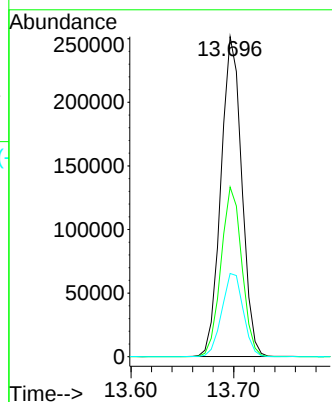
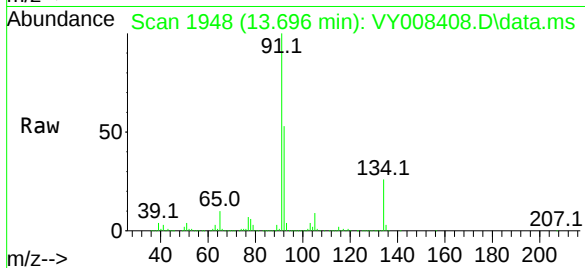
Tgt Ion: 91 Resp: 353570

Ion Ratio Lower Upper

91 100

92 53.1 26.3 78.9

134 26.8 13.0 38.9



#90

Hexachloroethane

Concen: 56.305 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.001 min

Lab File: VY008408.D

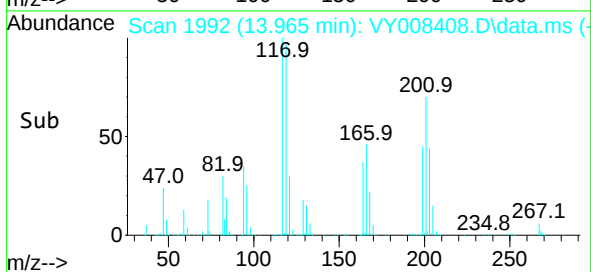
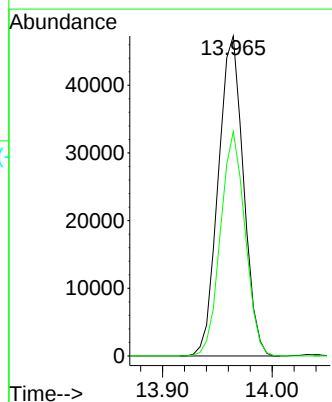
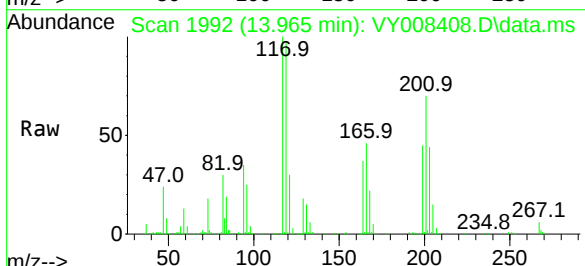
Acq: 19 Apr 2022 20:00

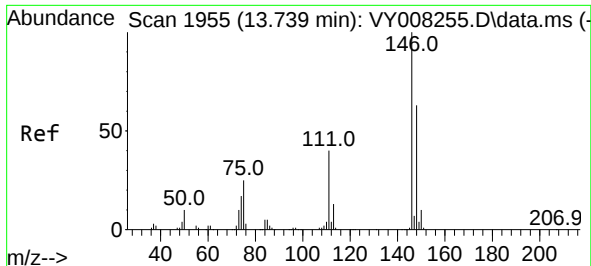
Tgt Ion: 117 Resp: 75446

Ion Ratio Lower Upper

117 100

201 68.4 43.0 128.8

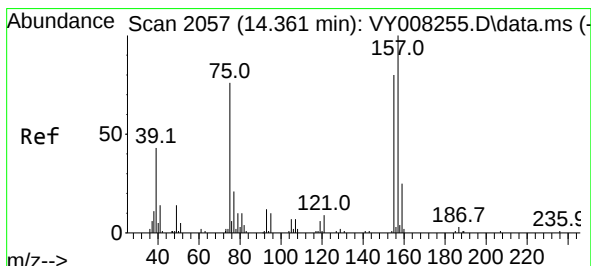
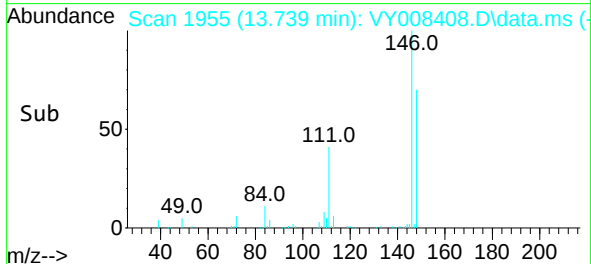
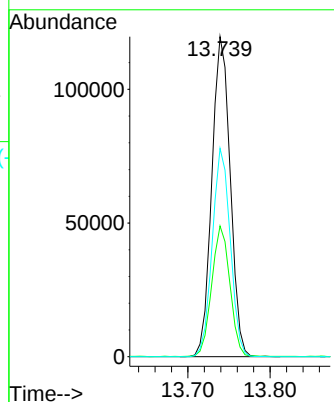
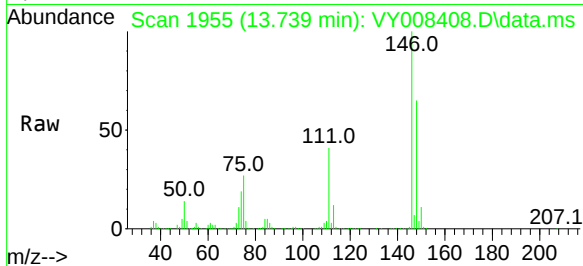




#91  
1,2-Dichlorobenzene  
Concen: 54.668 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

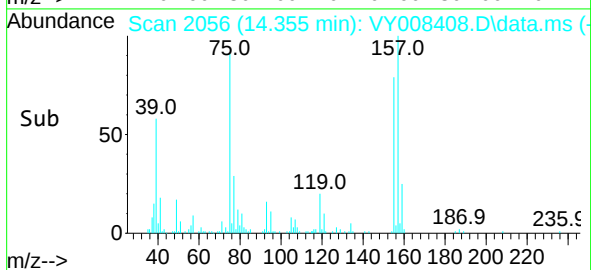
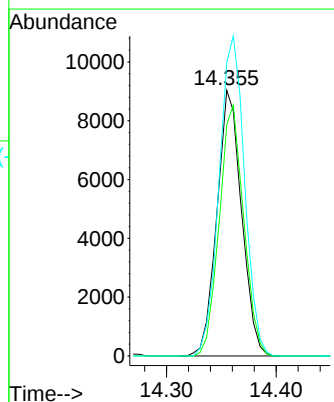
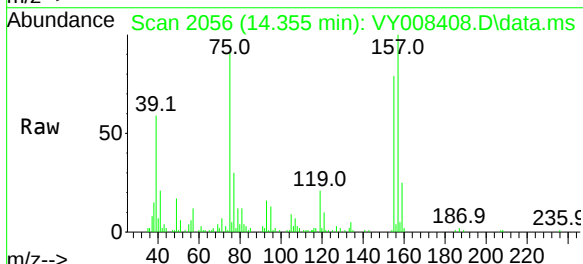
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

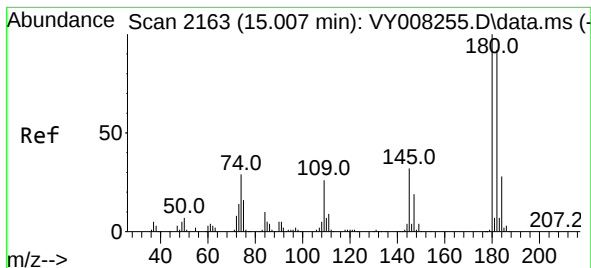
Tgt Ion:146 Resp: 185944  
Ion Ratio Lower Upper  
146 100  
111 40.3 20.3 60.9  
148 63.7 32.3 96.9



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 58.984 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.006 min  
Lab File: VY008408.D  
Acq: 19 Apr 2022 20:00

Tgt Ion: 75 Resp: 14067  
Ion Ratio Lower Upper  
75 100  
155 93.5 38.0 113.9  
157 124.3 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 50.182 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

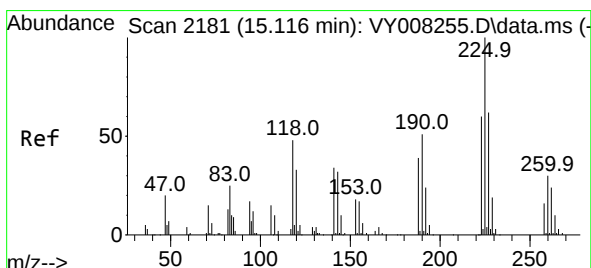
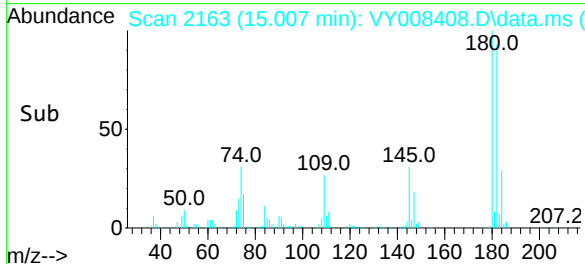
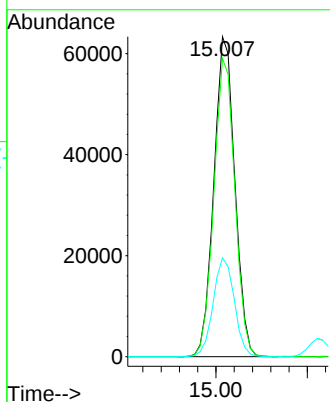
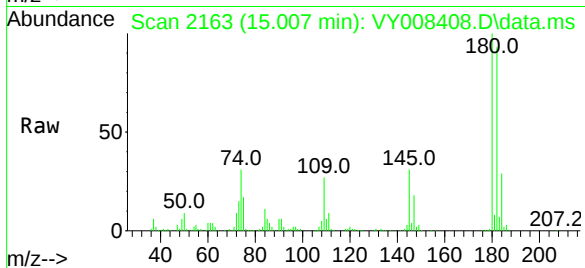
Tgt Ion:180 Resp: 100954

Ion Ratio Lower Upper

180 100

182 93.3 47.3 141.9

145 31.1 14.6 43.8



#94

Hexachlorobutadiene

Concen: 48.808 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.005 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

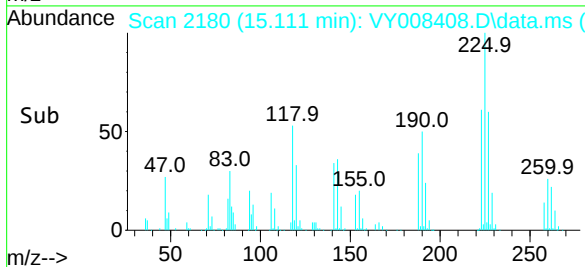
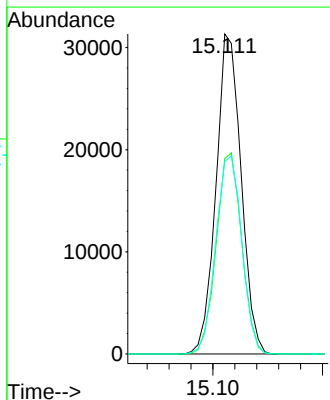
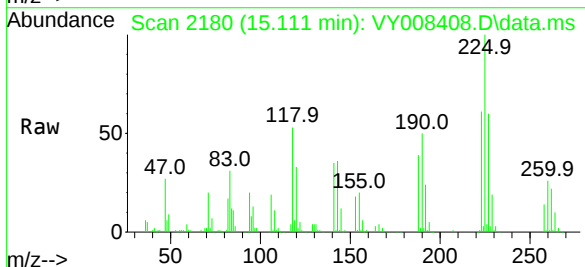
Tgt Ion:225 Resp: 49849

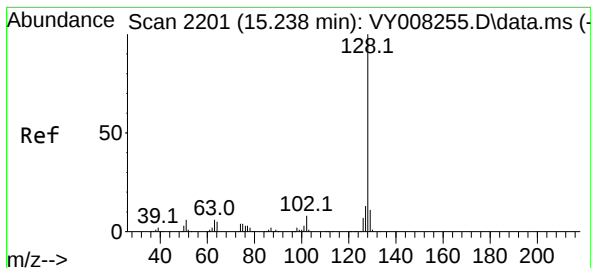
Ion Ratio Lower Upper

225 100

223 63.8 30.8 92.3

227 64.1 31.6 94.7





#95

Naphthalene

Concen: 55.170 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.001 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

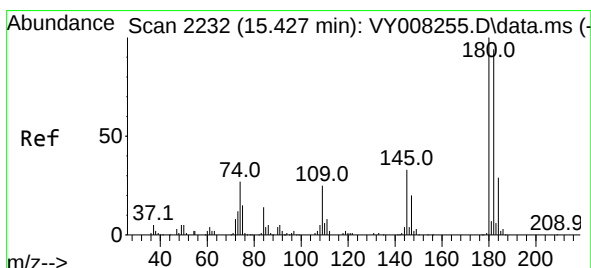
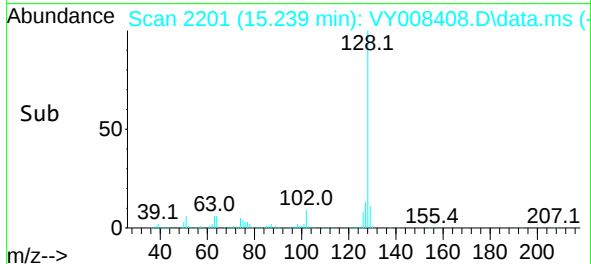
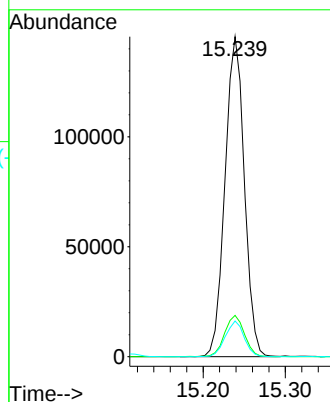
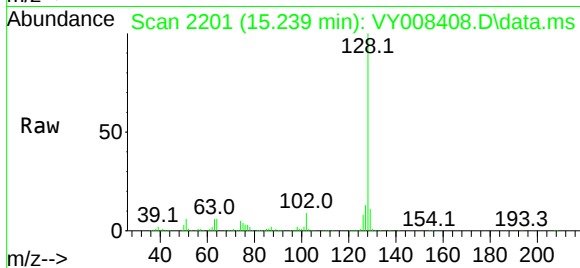
Tgt Ion:128 Resp: 237746

Ion Ratio Lower Upper

128 100

127 13.2 11.0 16.4

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 50.483 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.001 min

Lab File: VY008408.D

Acq: 19 Apr 2022 20:00

Tgt Ion:180 Resp: 88874

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.9

145 33.6 15.3 45.9

