

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090222\  
 Data File : VY010276.D  
 Acq On : 02 Sep 2022 13:06  
 Operator : KP/MD  
 Sample : VSTDICV050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 02 16:42:46 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090222S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 02 16:41:46 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 7.789  | 168   | 398919   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.685  | 114   | 644722   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.489 | 117   | 572594   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.422 | 152   | 278903   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.136  | 65    | 206073   | 50.379   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | = 100.760% |          |
| 35) Dibromofluoromethane     | 7.716  | 113   | 196230   | 45.720   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | = 91.440%  |          |
| 50) Toluene-d8               | 10.179 | 98    | 770735   | 53.636   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | = 107.280% |          |
| 62) 4-Bromofluorobenzene     | 12.477 | 95    | 276784   | 47.821   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | = 95.640%  |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.900  | 85    | 144607   | 45.409   | ug/l       | 99       |
| 3) Chloromethane             | 2.107  | 50    | 206938   | 47.593   | ug/l       | 97       |
| 4) Vinyl Chloride            | 2.247  | 62    | 229754   | 48.498   | ug/l       | 98       |
| 5) Bromomethane              | 2.644  | 94    | 152604   | 58.357   | ug/l       | 96       |
| 6) Chloroethane              | 2.790  | 64    | 143005   | 49.348   | ug/l       | 100      |
| 7) Trichlorofluoromethane    | 3.119  | 101   | 328876   | 49.526   | ug/l       | 93       |
| 8) Diethyl Ether             | 3.521  | 74    | 116411   | 49.060   | ug/l       | 85       |
| 9) 1,1,2-Trichlorotrifluo... | 3.893  | 101   | 201405   | 49.109   | ug/l       | 94       |
| 10) Methyl Iodide            | 4.082  | 142   | 235071   | 47.644   | ug/l       | 89       |
| 11) Tert butyl alcohol       | 4.948  | 59    | 111548   | 227.946  | ug/l #     | 95       |
| 12) 1,1-Dichloroethene       | 3.869  | 96    | 192999   | 48.600   | ug/l       | 86       |
| 13) Acrolein                 | 3.723  | 56    | 128370   | 247.799  | ug/l       | 98       |
| 14) Allyl chloride           | 4.472  | 41    | 342289   | 48.972   | ug/l       | 90       |
| 15) Acrylonitrile            | 5.155  | 53    | 304769   | 246.500  | ug/l       | 97       |
| 16) Acetone                  | 3.942  | 43    | 256737   | 251.072  | ug/l #     | 89       |
| 17) Carbon Disulfide         | 4.186  | 76    | 569480   | 47.080   | ug/l       | 99       |
| 18) Methyl Acetate           | 4.466  | 43    | 149559   | 47.129   | ug/l #     | 91       |
| 19) Methyl tert-butyl Ether  | 5.216  | 73    | 572502   | 49.314   | ug/l       | 98       |
| 20) Methylene Chloride       | 4.710  | 84    | 230892   | 46.790   | ug/l       | 89       |
| 21) trans-1,2-Dichloroethene | 5.210  | 96    | 220382   | 48.973   | ug/l       | 93       |
| 22) Diisopropyl ether        | 6.112  | 45    | 702847   | 49.478   | ug/l       | 94       |
| 23) Vinyl Acetate            | 6.051  | 43    | 2216634  | 248.873  | ug/l #     | 94       |
| 24) 1,1-Dichloroethane       | 6.009  | 63    | 404188   | 49.392   | ug/l       | 98       |
| 25) 2-Butanone               | 6.978  | 43    | 412405   | 245.746  | ug/l #     | 89       |
| 26) 2,2-Dichloropropane      | 6.978  | 77    | 367823   | 49.349   | ug/l       | 96       |
| 27) cis-1,2-Dichloroethene   | 6.978  | 96    | 254739   | 49.533   | ug/l       | 92       |
| 28) Bromochloromethane       | 7.332  | 49    | 145937   | 50.901   | ug/l       | 89       |
| 29) Tetrahydrofuran          | 7.344  | 42    | 263109   | 244.724  | ug/l       | 90       |
| 30) Chloroform               | 7.502  | 83    | 401026   | 49.763   | ug/l       | 99       |
| 31) Cyclohexane              | 7.783  | 56    | 369012   | 46.246   | ug/l       | 95       |
| 32) 1,1,1-Trichloroethane    | 7.697  | 97    | 366206   | 49.872   | ug/l       | 96       |
| 36) 1,1-Dichloropropene      | 7.911  | 75    | 313099   | 49.719   | ug/l       | 97       |
| 37) Ethyl Acetate            | 7.070  | 43    | 178165   | 49.346   | ug/l #     | 94       |
| 38) Carbon Tetrachloride     | 7.893  | 117   | 326998   | 50.385   | ug/l       | 97       |
| 39) Methylcyclohexane        | 9.179  | 83    | 399183   | 49.100   | ug/l       | 95       |
| 40) Benzene                  | 8.155  | 78    | 897343   | 49.755   | ug/l       | 96       |

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 Sample : VSTDICV050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 02 16:42:46 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090222S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 02 16:41:46 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.338  | 41   | 244975   | 120.352  | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 261083   | 49.928   | ug/l   | 93       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 342326   | 49.740   | ug/l # | 93       |
| 44) Trichloroethene           | 8.935  | 130  | 248588   | 50.208   | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 229557   | 49.959   | ug/l   | 96       |
| 46) Dibromomethane            | 9.301  | 93   | 126463   | 50.109   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.496  | 83   | 314394   | 50.656   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.289  | 41   | 162349   | 50.570   | ug/l   | 87       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 35752    | 1029.534 | ug/l # | 90       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 895435   | 252.180  | ug/l   | 91       |
| 52) Toluene                   | 10.240 | 92   | 577286   | 50.038   | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 335992   | 50.192   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 377737   | 50.043   | ug/l # | 87       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 181427   | 50.641   | ug/l   | 100      |
| 56) Ethyl methacrylate        | 10.508 | 69   | 266243   | 50.302   | ug/l # | 84       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 312356   | 50.021   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 320311   | 223.985  | ug/l   | 96       |
| 59) 2-Hexanone                | 10.831 | 43   | 625524   | 254.048  | ug/l   | 89       |
| 60) Dibromochloromethane      | 10.983 | 129  | 217427   | 50.365   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 175980   | 50.830   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.715 | 164  | 230111   | 49.278   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.514 | 112  | 611972   | 50.156   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 225386   | 50.306   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 1120147  | 50.133   | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.703 | 106  | 861821   | 100.971  | ug/l   | 95       |
| 69) o-Xylene                  | 12.026 | 106  | 415981   | 50.196   | ug/l   | 95       |
| 70) Styrene                   | 12.044 | 104  | 706461   | 51.176   | ug/l   | 96       |
| 71) Bromoform                 | 12.209 | 173  | 140807   | 50.841   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 1097928  | 49.342   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 305526   | 49.769   | ug/l # | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 211406   | 49.436   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 287144   | 86.514   | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 248068   | 49.007   | ug/l   | 99       |
| 78) n-propylbenzene           | 12.672 | 91   | 1321609  | 49.478   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.751 | 91   | 749538   | 49.647   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 924521   | 49.591   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 79096    | 49.714   | ug/l   | 87       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 772967   | 49.724   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.075 | 119  | 811812   | 50.121   | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 908398   | 49.618   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 1196588  | 49.956   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 988080   | 49.940   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 492049   | 50.062   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 488000   | 49.938   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.696 | 91   | 943045   | 50.421   | ug/l   | 98       |
| 90) Hexachloroethane          | 13.959 | 117  | 189760   | 49.966   | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 439869   | 50.214   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 36688    | 48.687   | ug/l   | 85       |
| 93) 1,2,4-Trichlorobenzene    | 15.001 | 180  | 278717   | 51.404   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 159916   | 50.320   | ug/l   | 99       |
| 95) Naphthalene               | 15.233 | 128  | 585318   | 52.026   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 238541   | 51.944   | ug/l   | 98       |

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Operator : KP/MD  
Sample : VSTDICV050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 10 Sample Multiplier: 1

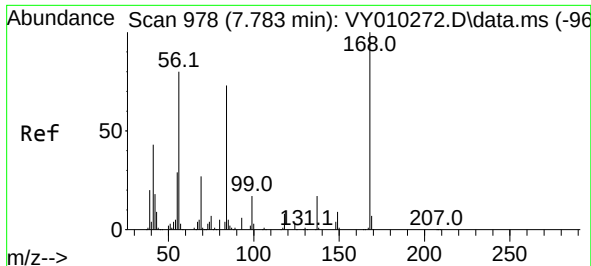
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Sep 02 16:42:46 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090222S.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 02 16:41:46 2022  
Response via : Initial Calibration

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

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

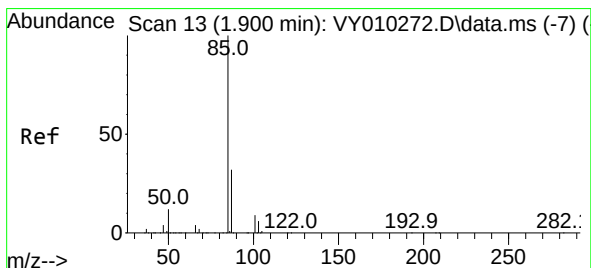
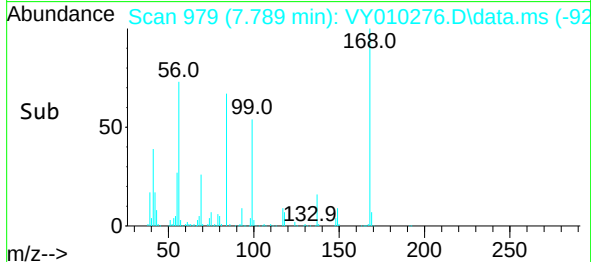
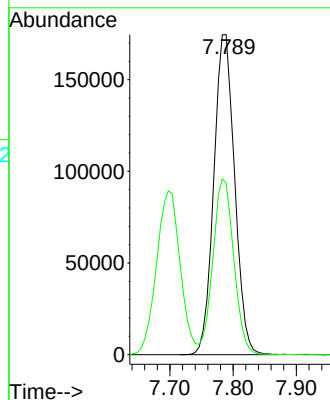
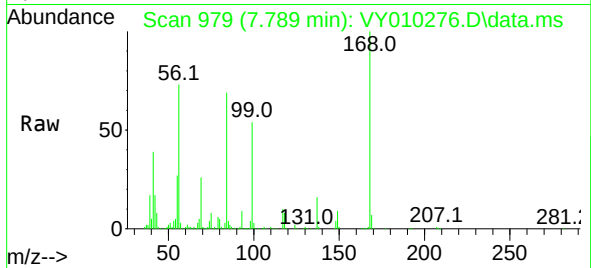




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

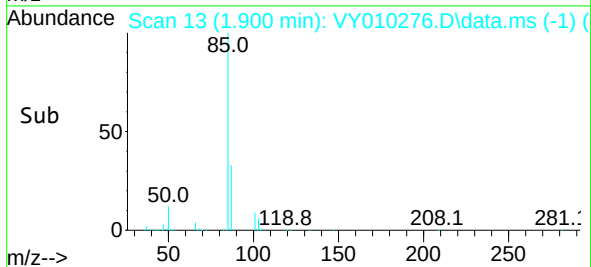
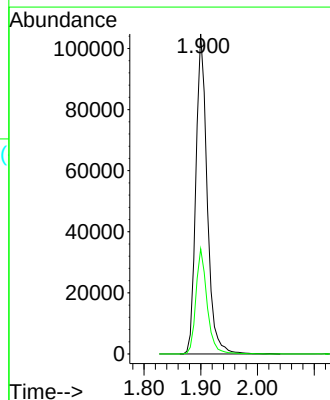
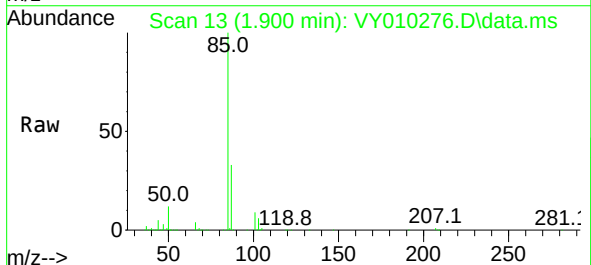
Instrument :  
MSVOA\_Y  
ClientSampleId :

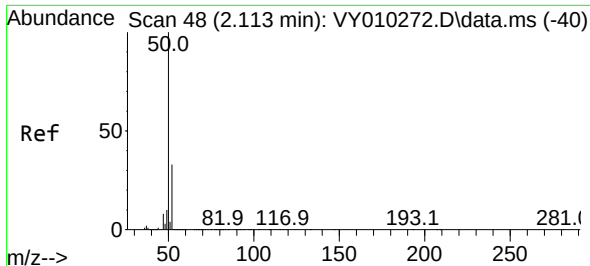
Tgt Ion:168 Resp: 398919  
Ion Ratio Lower Upper  
168 100  
99 53.6 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 45.409 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Tgt Ion: 85 Resp: 144607  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.1 48.2

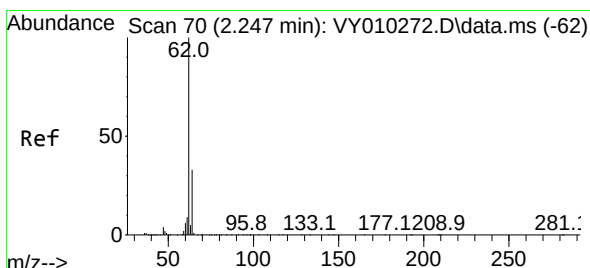
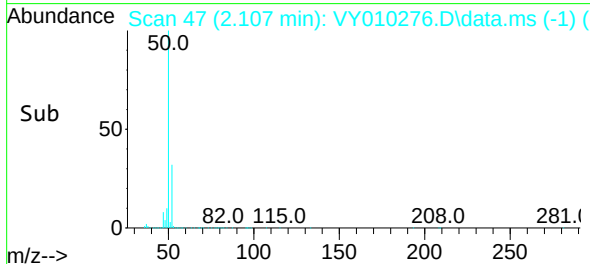
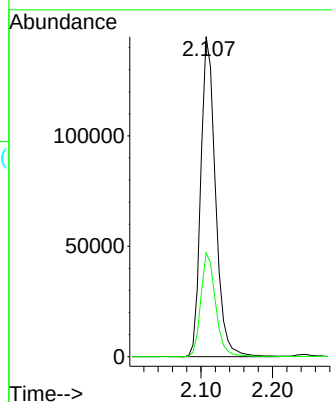
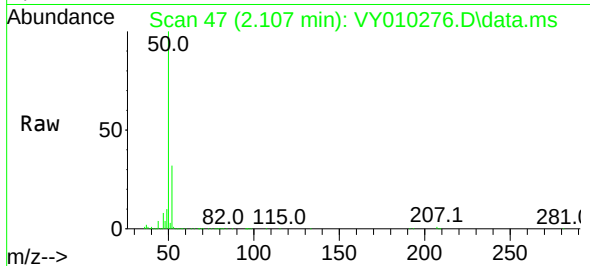




#3  
Chloromethane  
Concen: 47.593 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

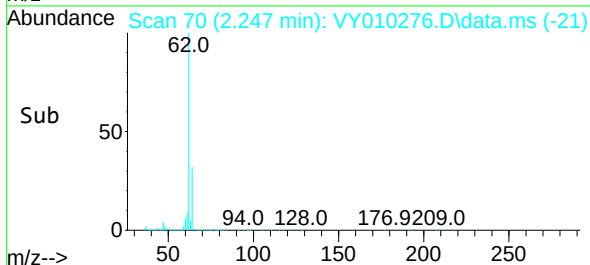
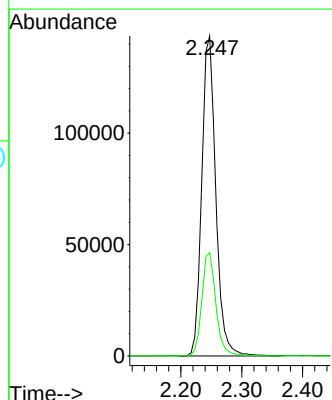
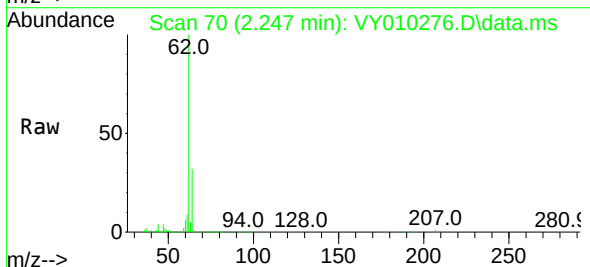
Instrument :  
MSVOA\_Y  
ClientSampleId :

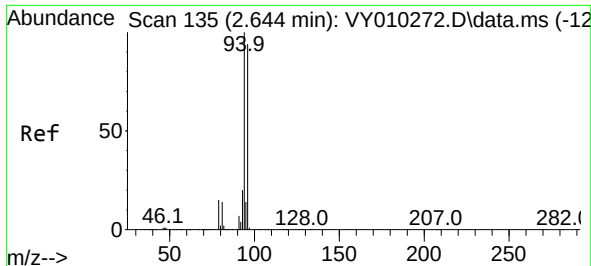
Tgt Ion: 50 Resp: 206938  
Ion Ratio Lower Upper  
50 100  
52 32.4 24.6 37.0



#4  
Vinyl Chloride  
Concen: 48.498 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Tgt Ion: 62 Resp: 229754  
Ion Ratio Lower Upper  
62 100  
64 32.2 25.0 37.6

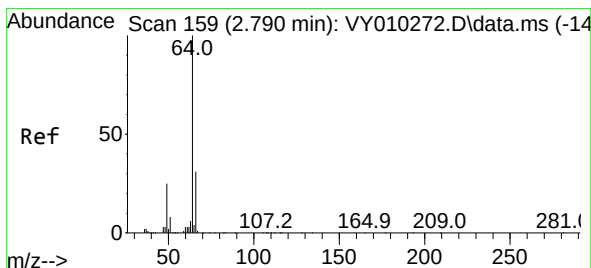
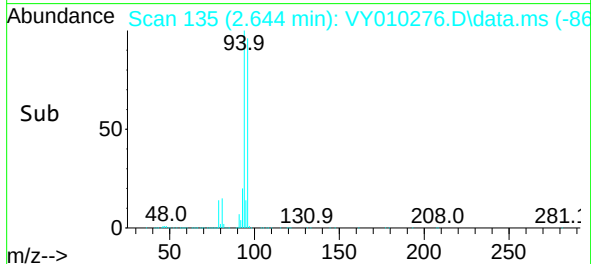
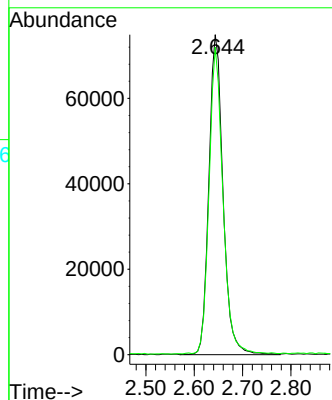
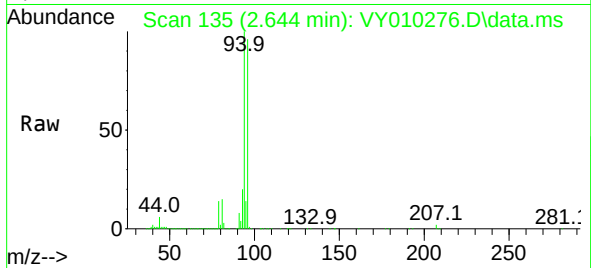




#5  
Bromomethane  
Concen: 58.357 ug/l  
RT: 2.644 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

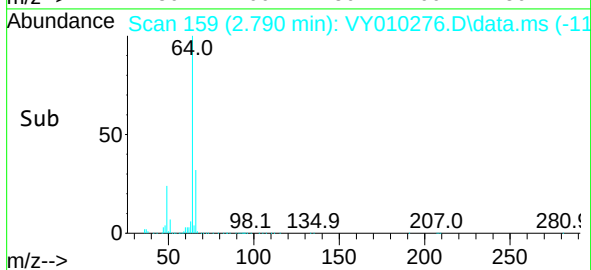
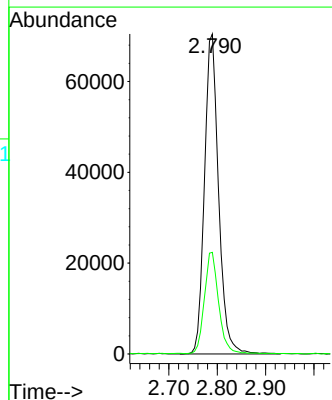
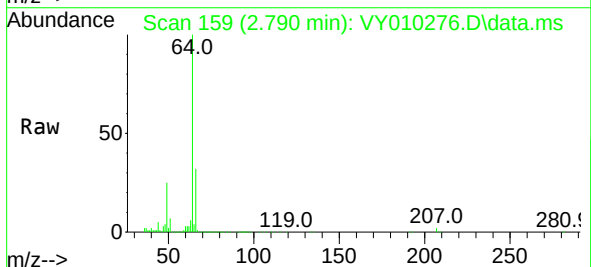
Instrument :  
MSVOA\_Y  
ClientSampleId :

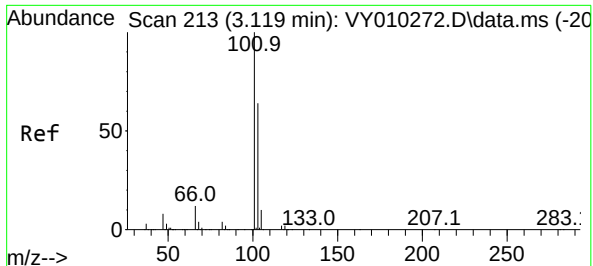
Tgt Ion: 94 Resp: 152604  
Ion Ratio Lower Upper  
94 100  
96 95.8 73.5 110.3



#6  
Chloroethane  
Concen: 49.348 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. -0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Tgt Ion: 64 Resp: 143005  
Ion Ratio Lower Upper  
64 100  
66 31.6 25.4 38.0

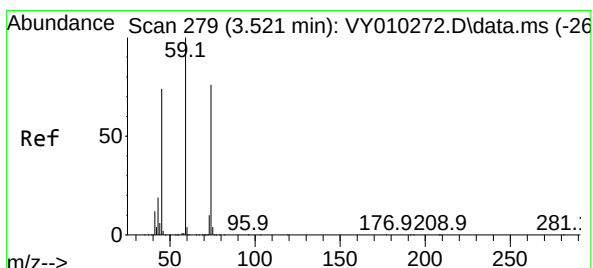
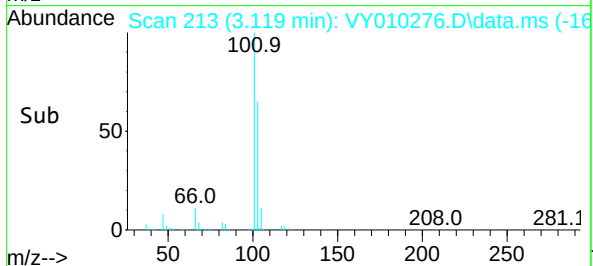
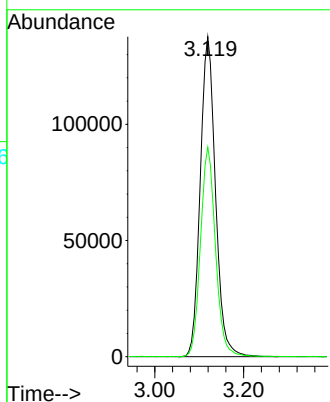
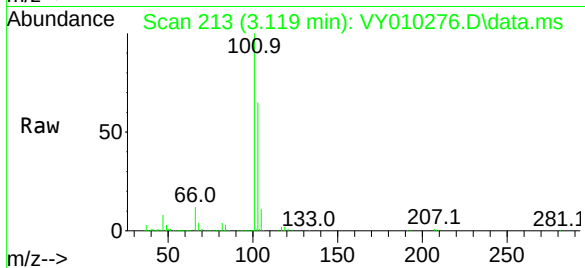




#7  
 Trichlorofluoromethane  
 Concen: 49.526 ug/l  
 RT: 3.119 min Scan# 213  
 Delta R.T. 0.000 min  
 Lab File: VY010276.D  
 Acq: 02 Sep 2022 13:06

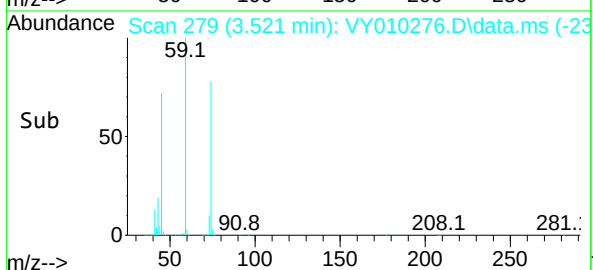
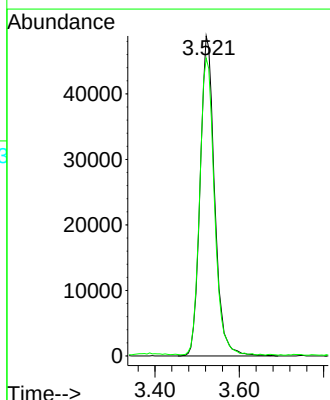
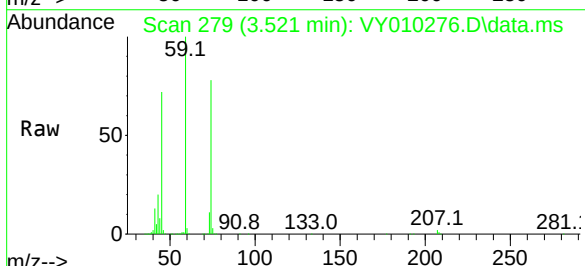
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion:101 Resp: 328876  
 Ion Ratio Lower Upper  
 101 100  
 103 65.4 48.0 72.0

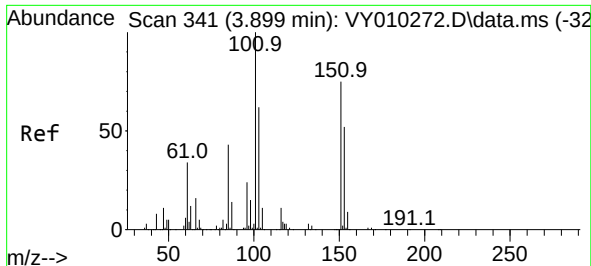


#8  
 Diethyl Ether  
 Concen: 49.060 ug/l  
 RT: 3.521 min Scan# 279  
 Delta R.T. 0.000 min  
 Lab File: VY010276.D  
 Acq: 02 Sep 2022 13:06

Tgt Ion: 74 Resp: 116411  
 Ion Ratio Lower Upper  
 74 100  
 45 94.4 55.1 165.5





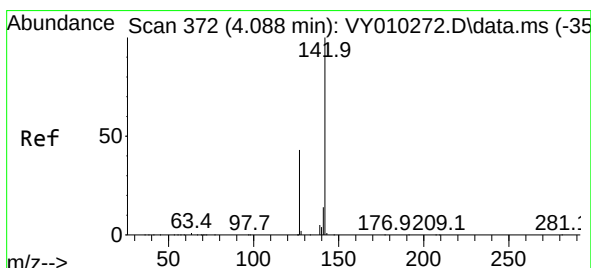
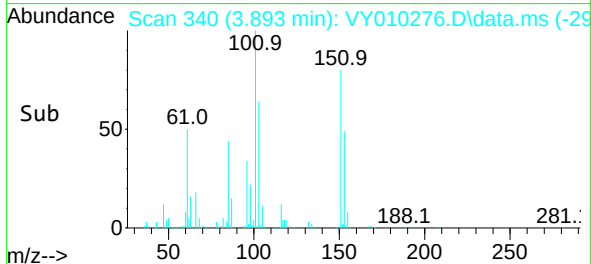
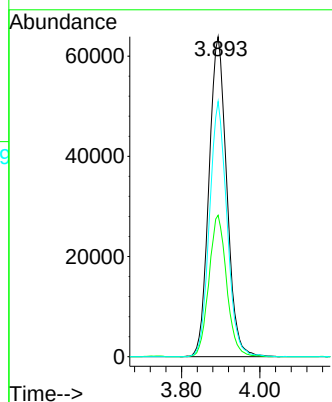
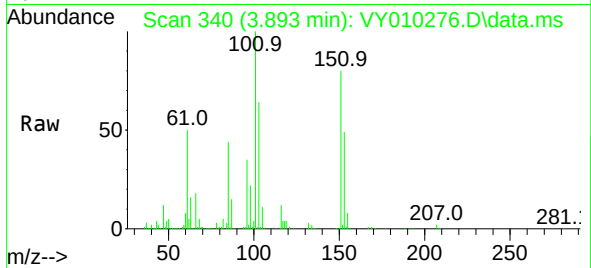


#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 49.109 ug/l  
 RT: 3.893 min Scan# 341  
 Delta R.T. -0.006 min  
 Lab File: VY010276.D  
 Acq: 02 Sep 2022 13:06

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion:101 Resp: 201405  

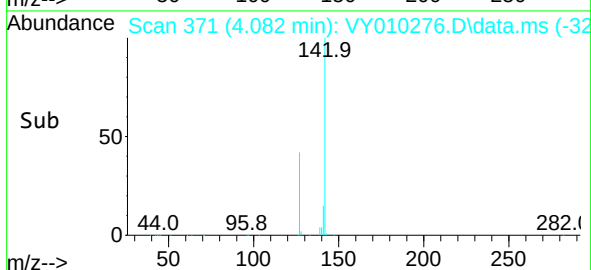
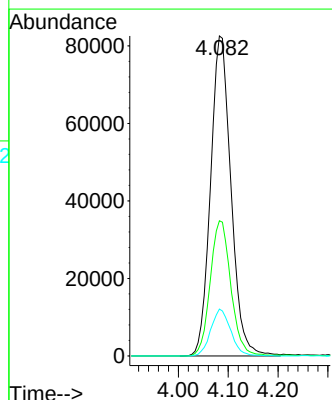
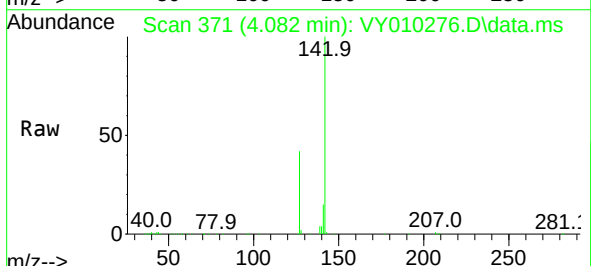
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 101 | 100   |       |       |
| 85  | 44.0  | 40.6  | 60.8  |
| 151 | 78.3  | 64.9  | 97.3  |

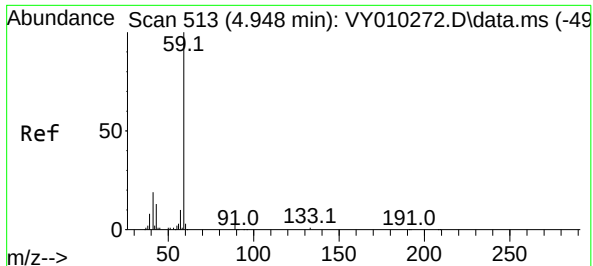


#10  
 Methyl Iodide  
 Concen: 47.644 ug/l  
 RT: 4.082 min Scan# 371  
 Delta R.T. -0.006 min  
 Lab File: VY010276.D  
 Acq: 02 Sep 2022 13:06

Tgt Ion:142 Resp: 235071  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 127 | 42.6  | 41.5  | 62.3  |
| 141 | 14.4  | 11.9  | 17.9  |

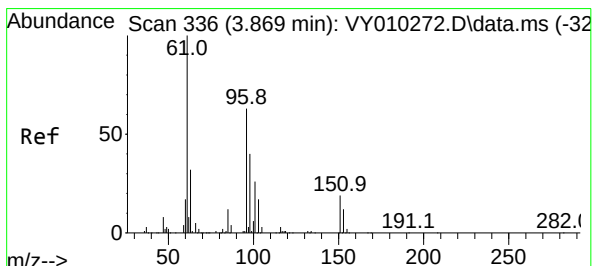
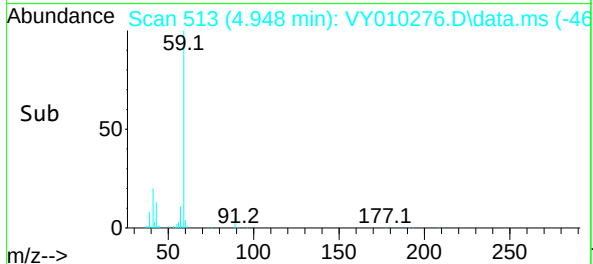
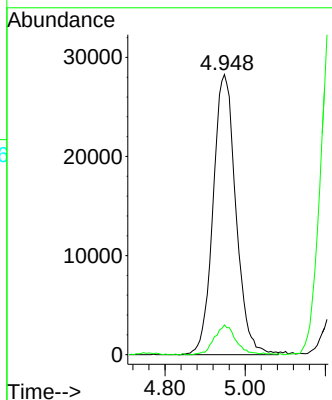
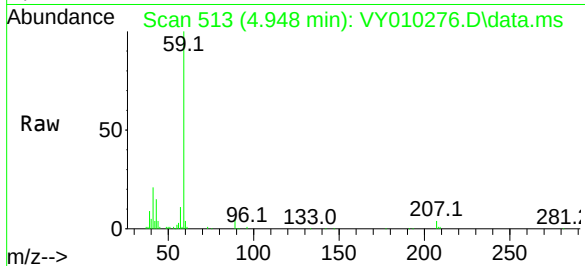




#11  
Tert butyl alcohol  
Concen: 227.946 ug/l  
RT: 4.948 min Scan# 513  
Delta R.T. -0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

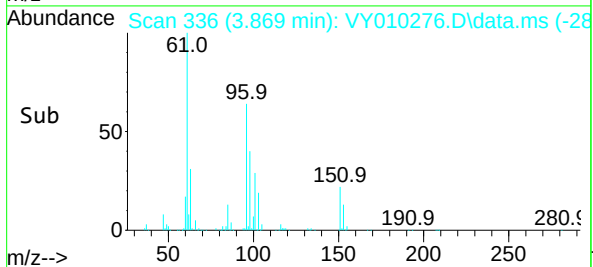
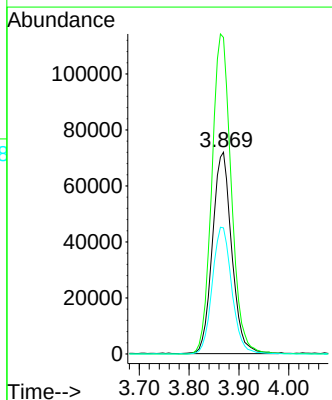
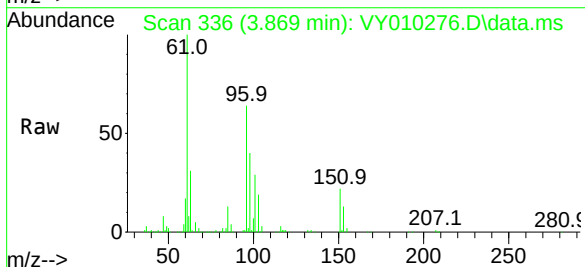
Instrument :  
MSVOA\_Y  
ClientSampleId :

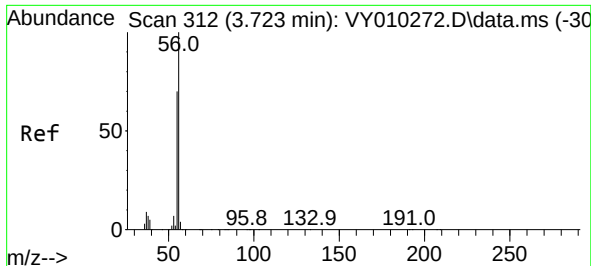
Tgt Ion: 59 Resp: 111548  
Ion Ratio Lower Upper  
59 100  
57 9.9 6.4 9.6#



#12  
1,1-Dichloroethene  
Concen: 48.600 ug/l  
RT: 3.869 min Scan# 336  
Delta R.T. -0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

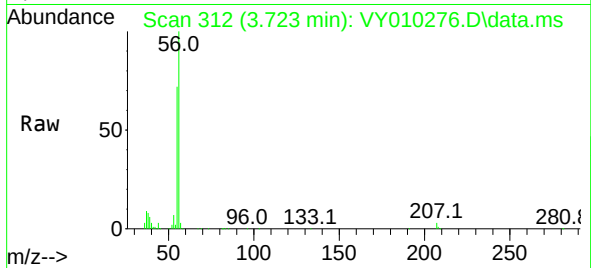
Tgt Ion: 96 Resp: 192999  
Ion Ratio Lower Upper  
96 100  
61 157.2 145.8 218.6  
98 62.6 52.5 78.7



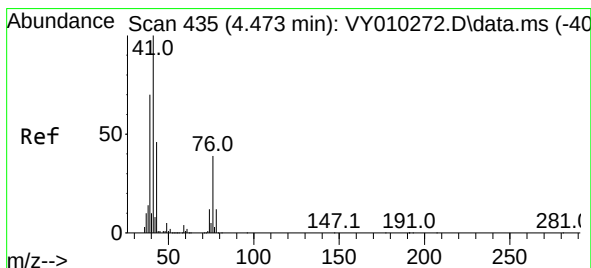
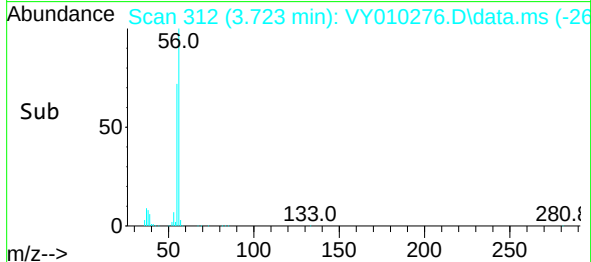
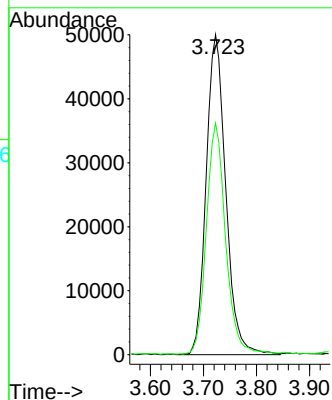


#13  
Acrolein  
Concen: 247.799 ug/l  
RT: 3.723 min Scan# 312  
Delta R.T. -0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Instrument :  
MSVOA\_Y  
ClientSampleId :

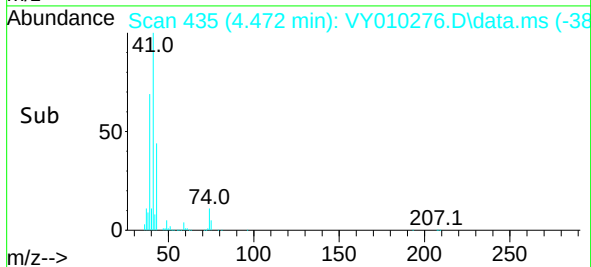
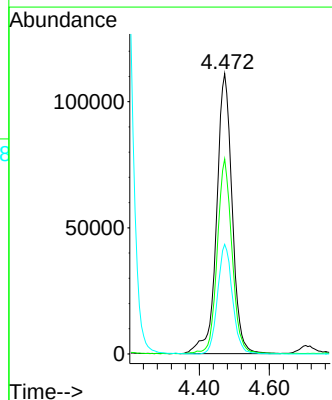
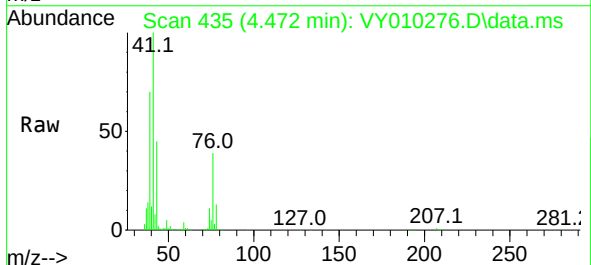


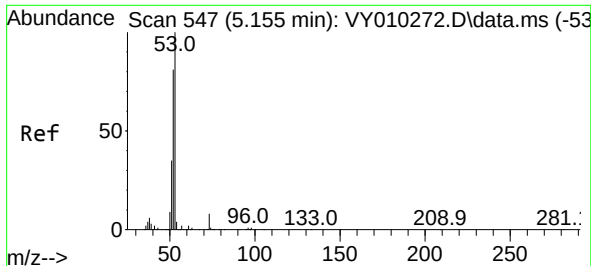
Tgt Ion: 56 Resp: 128370  
Ion Ratio Lower Upper  
56 100  
55 70.5 57.6 86.4



#14  
Allyl chloride  
Concen: 48.972 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. -0.001 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

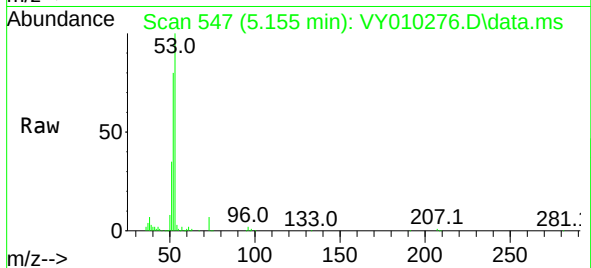
Tgt Ion: 41 Resp: 342289  
Ion Ratio Lower Upper  
41 100  
39 65.9 58.8 88.2  
76 37.3 25.1 37.7





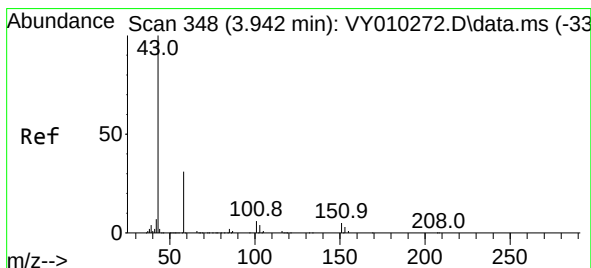
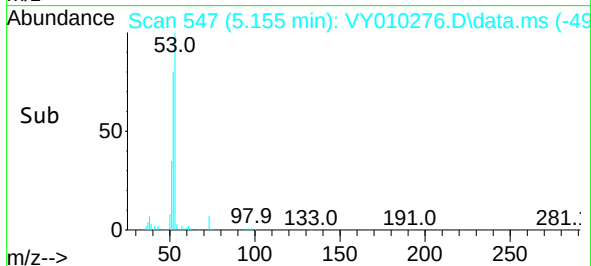
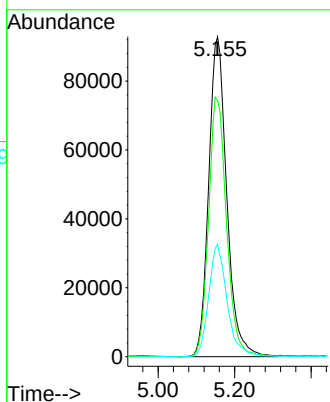
#15  
Acrylonitrile  
Concen: 246.500 ug/l  
RT: 5.155 min Scan# 547  
Delta R.T. 0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Instrument :  
MSVOA\_Y  
ClientSampleId :



Tgt Ion: 53 Resp: 304769

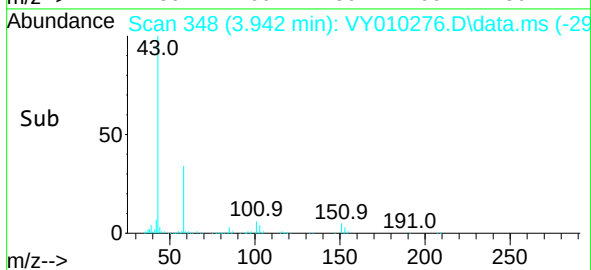
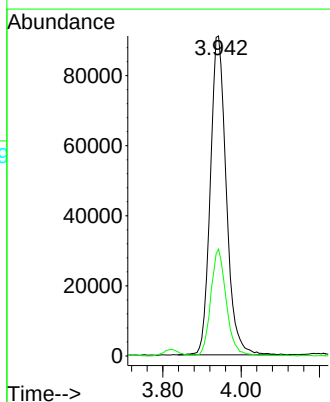
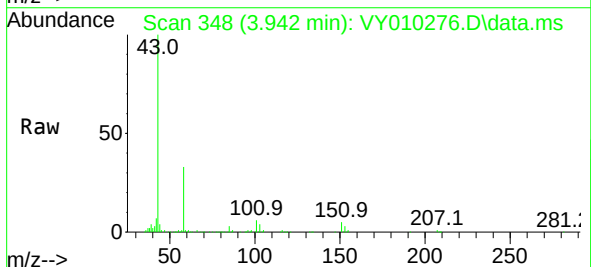
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 80.6  | 67.0  | 100.4 |
| 51  | 35.8  | 29.8  | 44.6  |

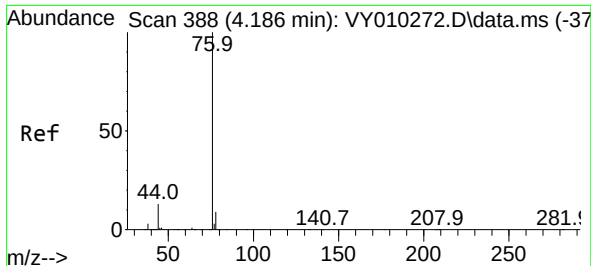


#16  
Acetone  
Concen: 251.072 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. 0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Tgt Ion: 43 Resp: 256737

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 33.4  | 22.0  | 33.0# |

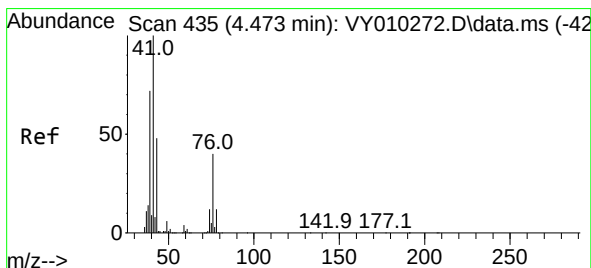
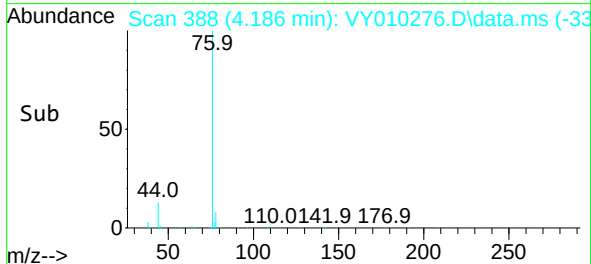
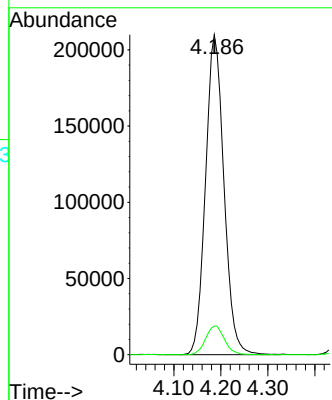
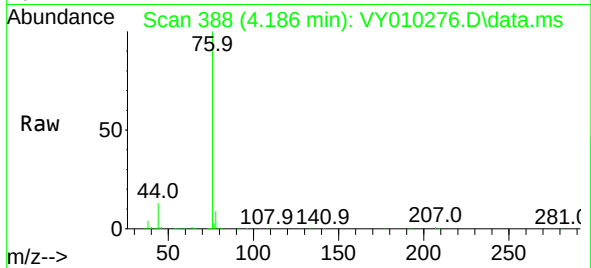




#17  
Carbon Disulfide  
Concen: 47.080 ug/l  
RT: 4.186 min Scan# 388  
Delta R.T. -0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

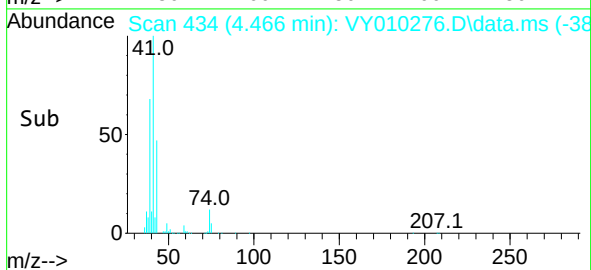
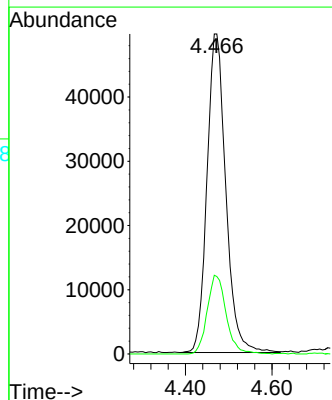
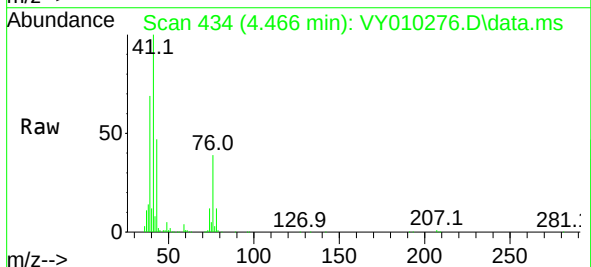
Instrument :  
MSVOA\_Y  
ClientSampleId :

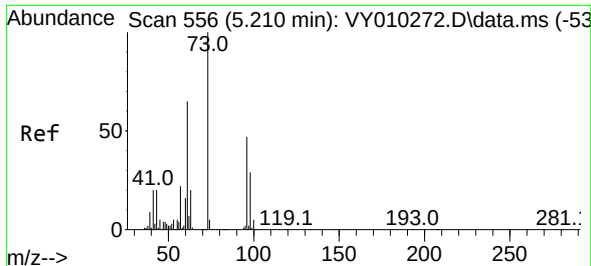
Tgt Ion: 76 Resp: 569480  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.0



#18  
Methyl Acetate  
Concen: 47.129 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. -0.007 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Tgt Ion: 43 Resp: 149559  
Ion Ratio Lower Upper  
43 100  
74 24.9 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 49.314 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

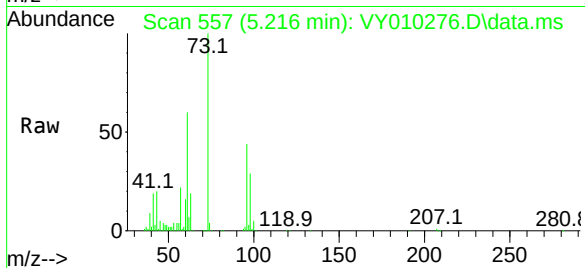
Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

Instrument :

MSVOA\_Y

ClientSampleId :

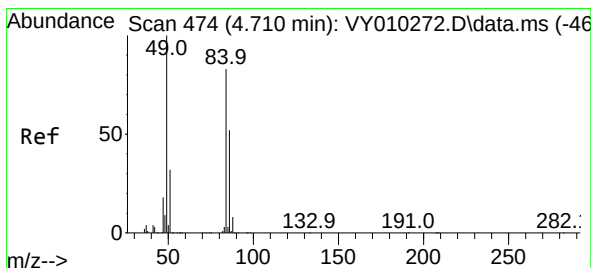
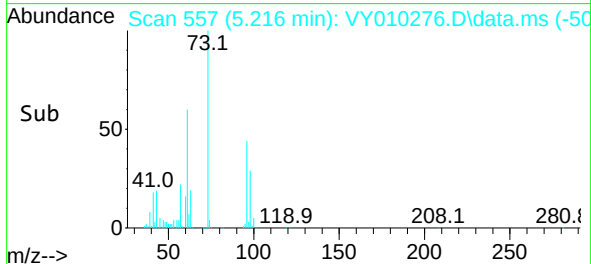
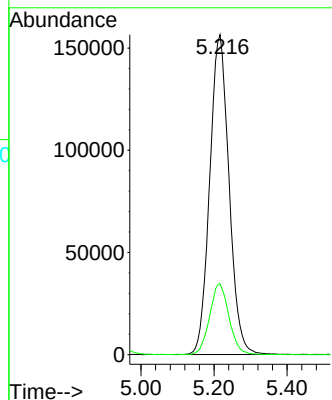


Tgt Ion: 73 Resp: 572502

Ion Ratio Lower Upper

73 100

57 22.2 18.6 27.8



#20

Methylene Chloride

Concen: 46.790 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

Tgt Ion: 84 Resp: 230892

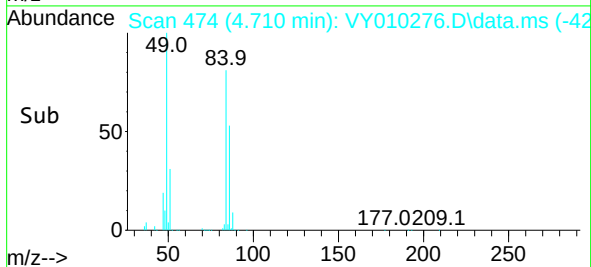
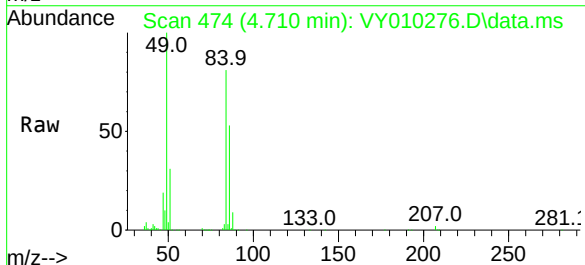
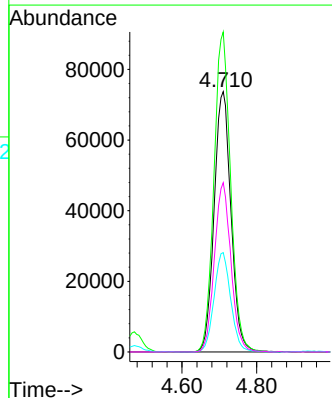
Ion Ratio Lower Upper

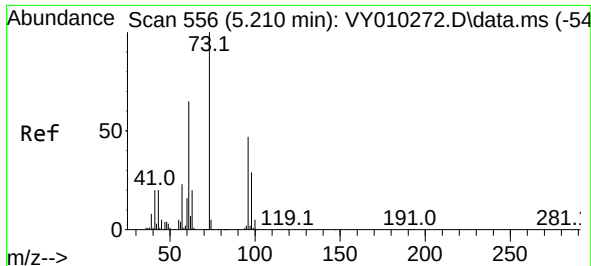
84 100

49 122.9 114.4 171.6

51 38.2 35.3 52.9

86 65.0 53.7 80.5

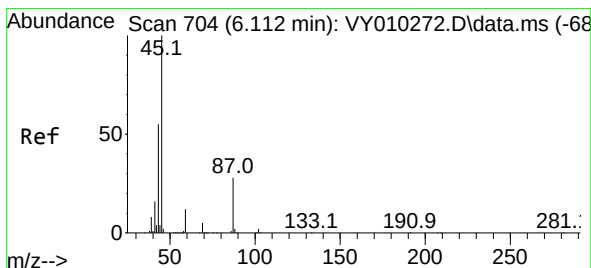
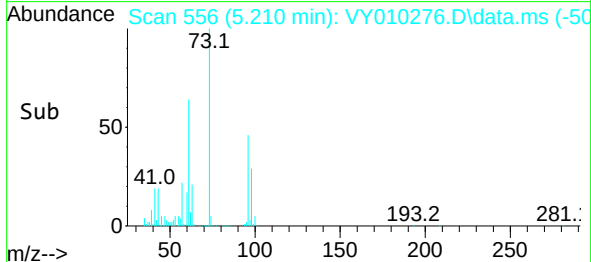
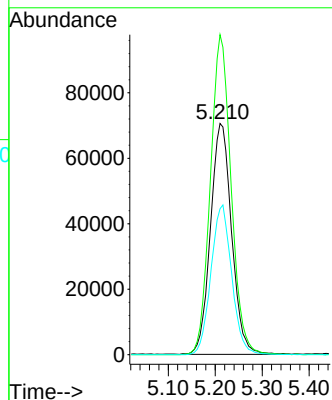
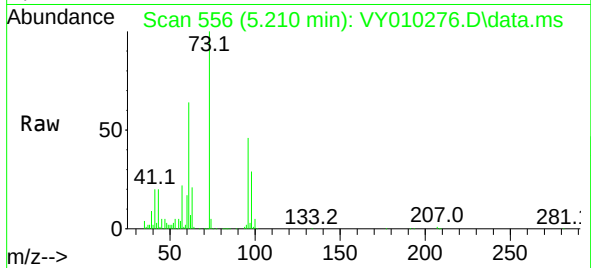




#21  
trans-1,2-Dichloroethene  
Concen: 48.973 ug/l  
RT: 5.210 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

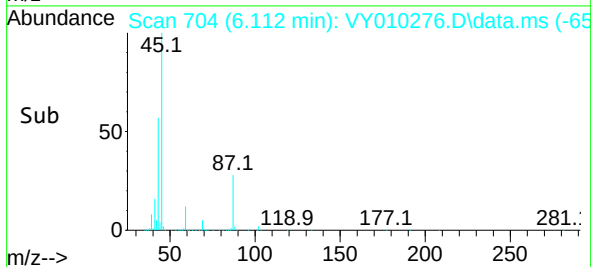
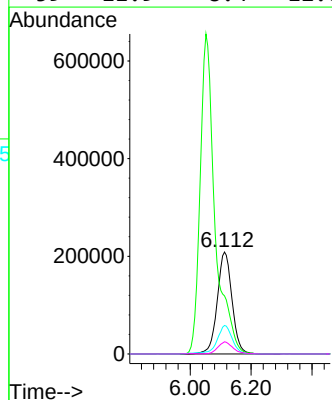
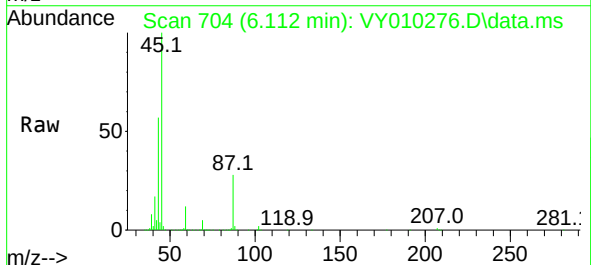
Instrument :  
MSVOA\_Y  
ClientSampleId :

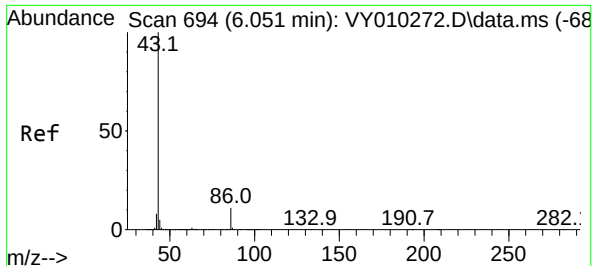
Tgt Ion: 96 Resp: 220382  
Ion Ratio Lower Upper  
96 100  
61 138.6 120.5 180.7  
98 63.2 49.8 74.8



#22  
Diisopropyl ether  
Concen: 49.478 ug/l  
RT: 6.112 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Tgt Ion: 45 Resp: 702847  
Ion Ratio Lower Upper  
45 100  
43 57.0 49.3 73.9  
87 28.0 19.2 28.8  
59 11.9 8.4 12.6

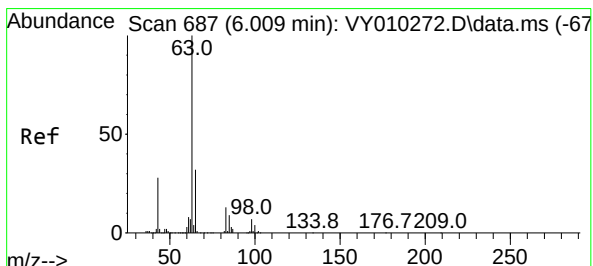
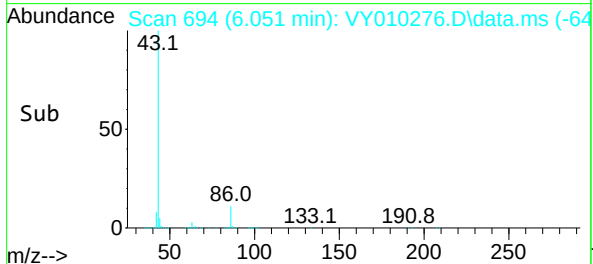
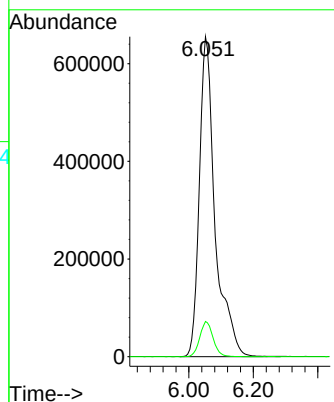
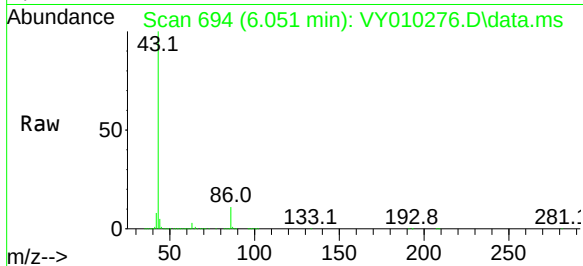




#23  
 Vinyl Acetate  
 Concen: 248.873 ug/l  
 RT: 6.051 min Scan# 694  
 Delta R.T. 0.000 min  
 Lab File: VY010276.D  
 Acq: 02 Sep 2022 13:06

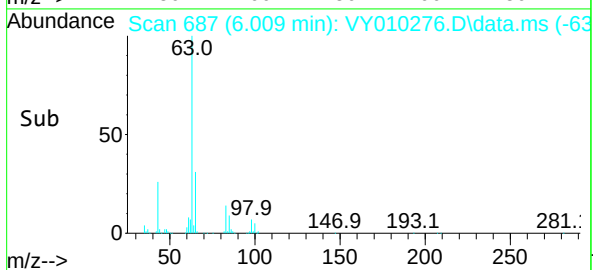
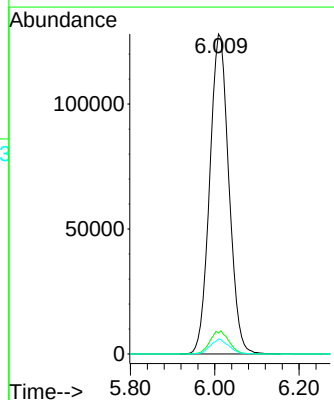
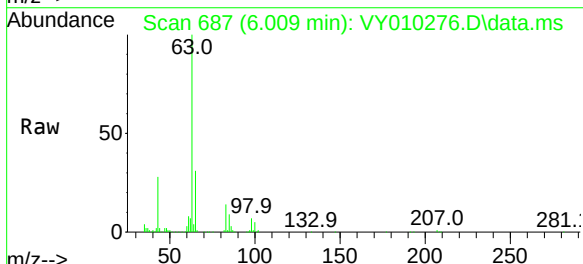
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion: 43 Resp: 2216634  
 Ion Ratio Lower Upper  
 43 100  
 86 11.0 7.1 10.7#

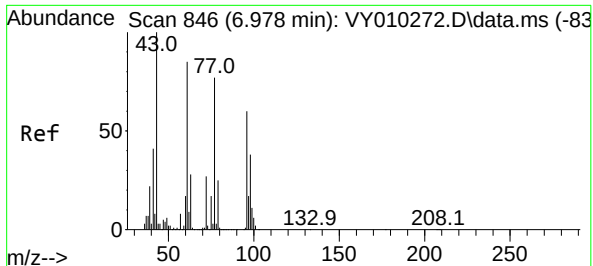


#24  
 1,1-Dichloroethane  
 Concen: 49.392 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. -0.000 min  
 Lab File: VY010276.D  
 Acq: 02 Sep 2022 13:06

Tgt Ion: 63 Resp: 404188  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.6 10.8  
 100 4.7 2.0 5.8







#25

2-Butanone

Concen: 245.746 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

Instrument :

MSVOA\_Y

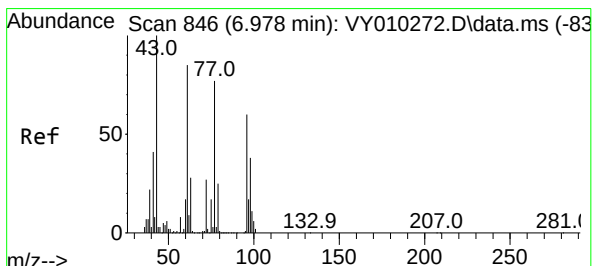
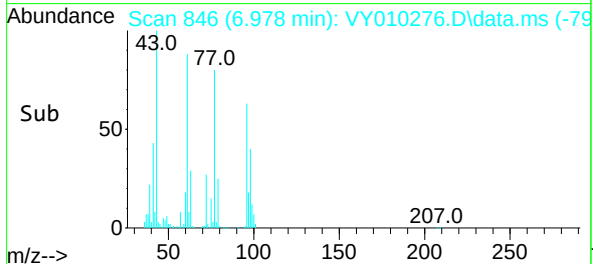
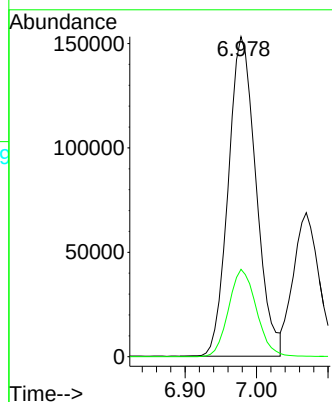
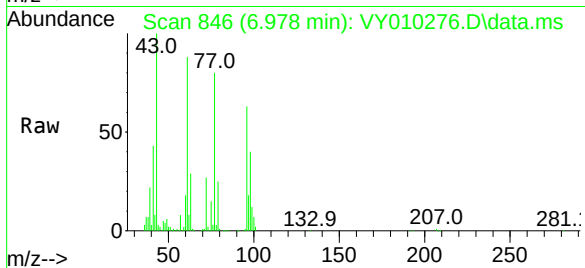
ClientSampleId :

Tgt Ion: 43 Resp: 412405

Ion Ratio Lower Upper

43 100

72 27.4 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 49.349 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010276.D

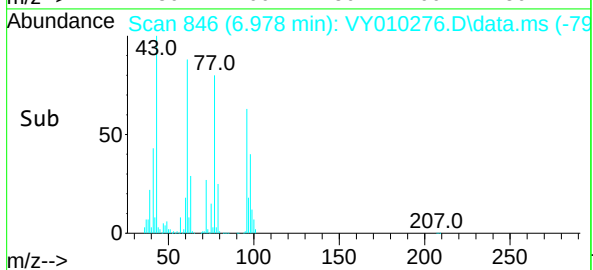
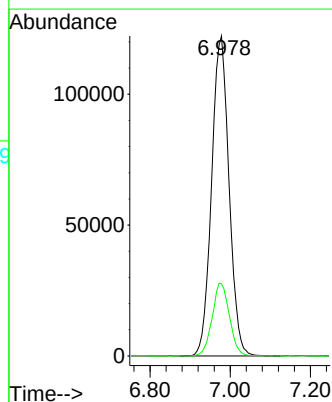
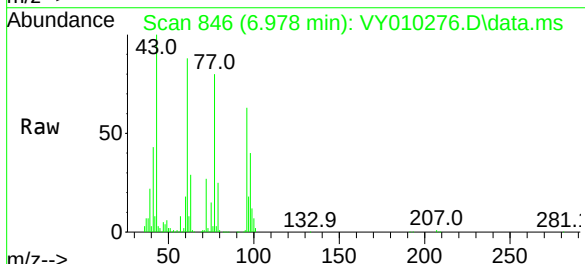
Acq: 02 Sep 2022 13:06

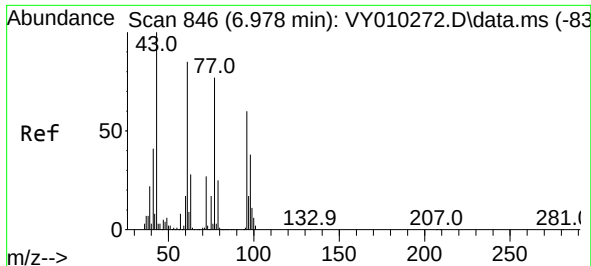
Tgt Ion: 77 Resp: 367823

Ion Ratio Lower Upper

77 100

97 22.6 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 49.533 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

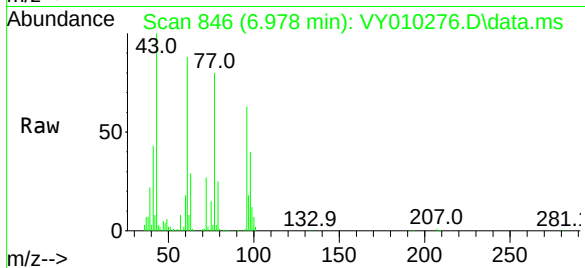
Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

Instrument :

MSVOA\_Y

ClientSampleId :



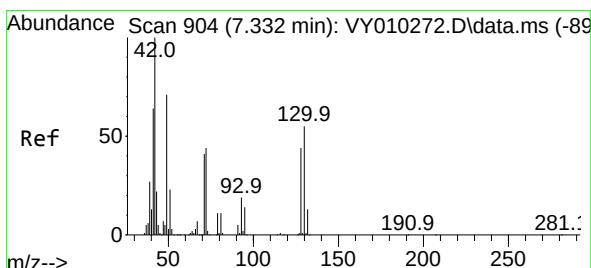
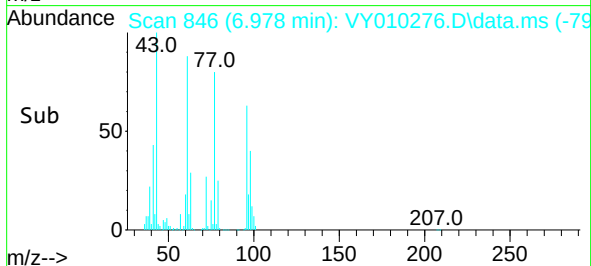
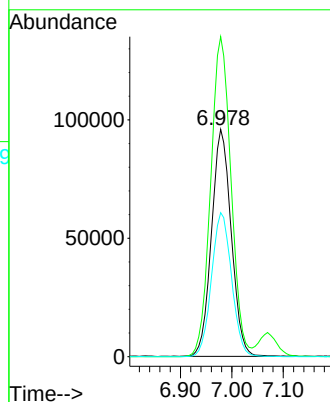
Tgt Ion: 96 Resp: 254739

Ion Ratio Lower Upper

96 100

61 145.7 0.0 319.8

98 64.7 0.0 127.0



#28

Bromochloromethane

Concen: 50.901 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

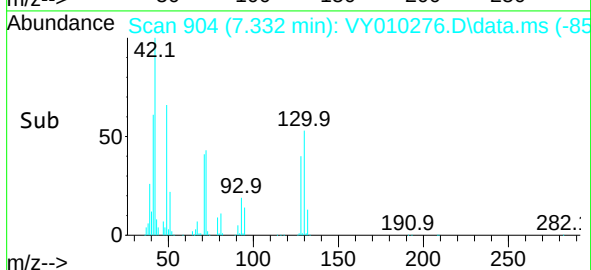
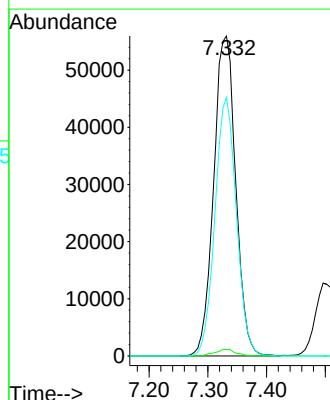
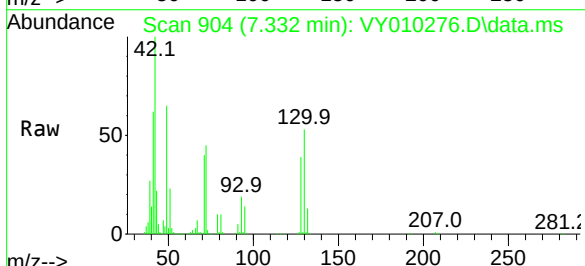
Tgt Ion: 49 Resp: 145937

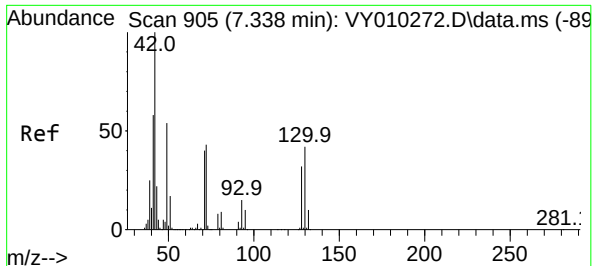
Ion Ratio Lower Upper

49 100

129 1.9 0.0 2.2

130 78.6 55.4 83.0





#29

Tetrahydrofuran

Concen: 244.724 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

Instrument :

MSVOA\_Y

ClientSampleId :

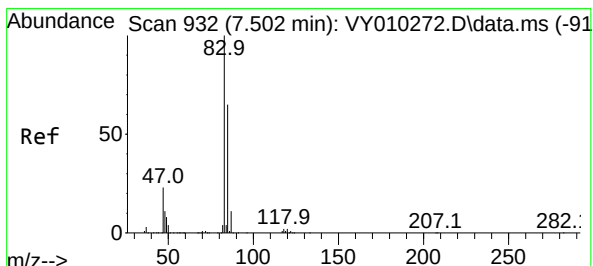
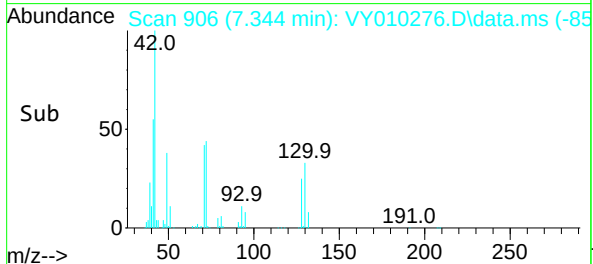
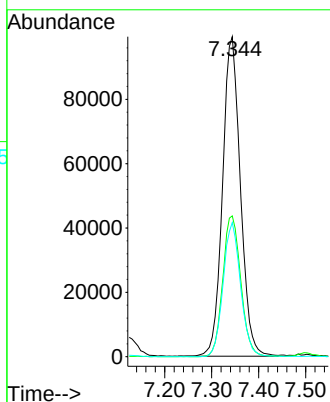
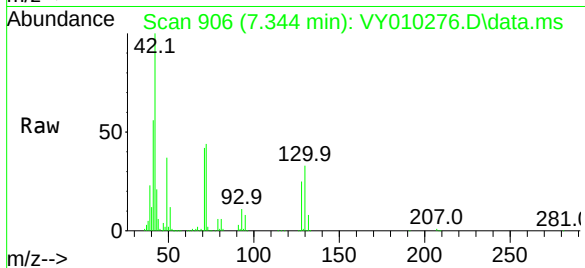
Tgt Ion: 42 Resp: 263109

Ion Ratio Lower Upper

42 100

72 44.4 30.3 45.5

71 41.1 29.0 43.4



#30

Chloroform

Concen: 49.763 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY010276.D

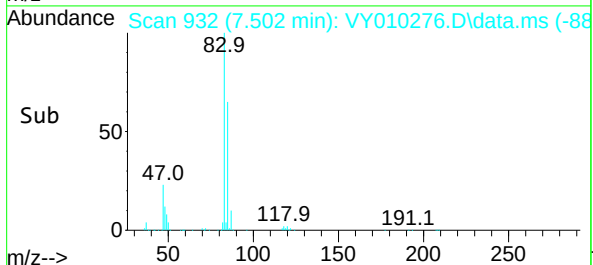
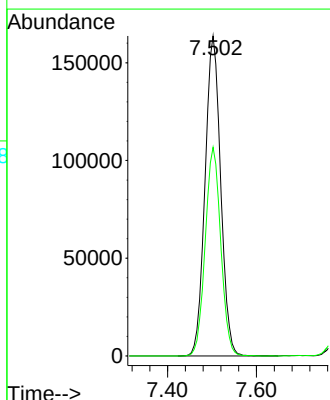
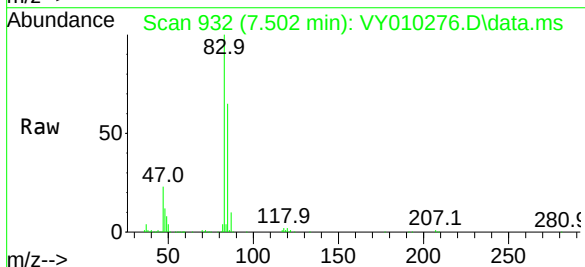
Acq: 02 Sep 2022 13:06

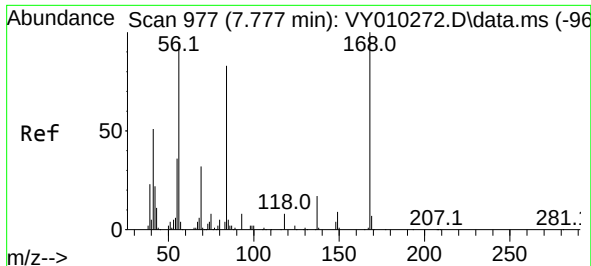
Tgt Ion: 83 Resp: 401026

Ion Ratio Lower Upper

83 100

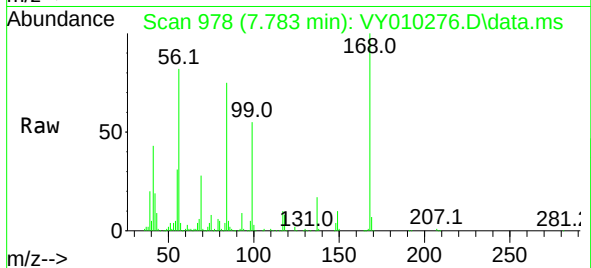
85 65.2 51.8 77.6



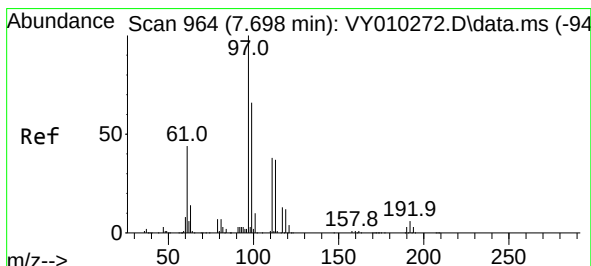
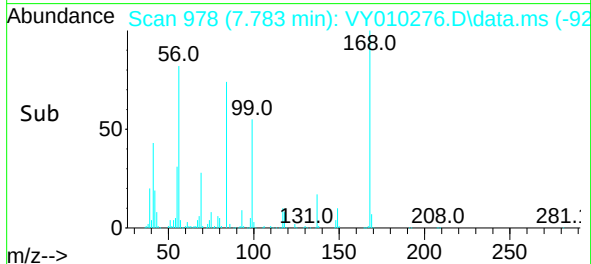
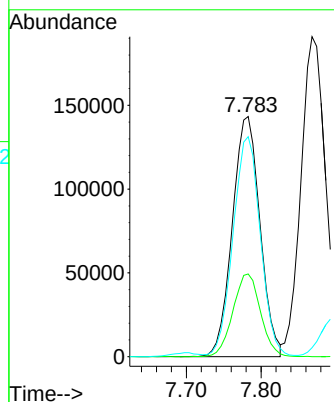


#31  
Cyclohexane  
Concen: 46.246 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Instrument :  
MSVOA\_Y  
ClientSampleId :

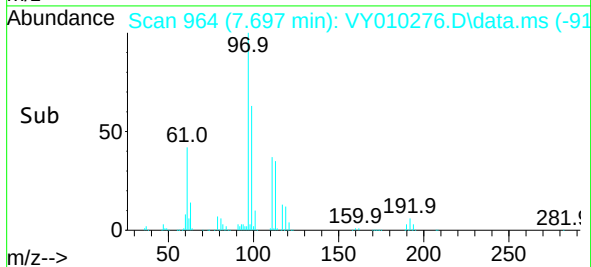
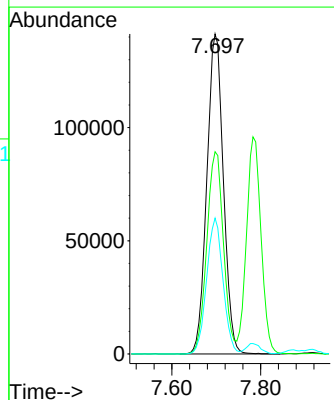
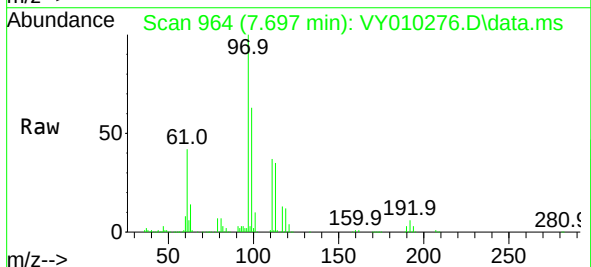


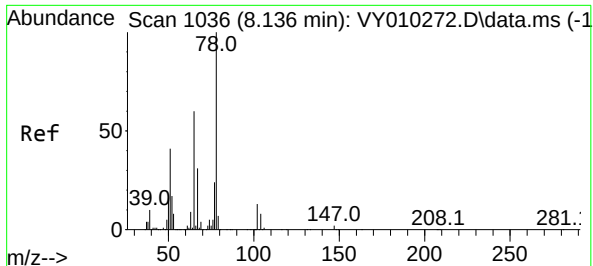
Tgt Ion: 56 Resp: 369012  
Ion Ratio Lower Upper  
56 100  
69 34.4 26.7 40.1  
84 90.3 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 49.872 ug/l  
RT: 7.697 min Scan# 964  
Delta R.T. -0.001 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Tgt Ion: 97 Resp: 366206  
Ion Ratio Lower Upper  
97 100  
99 64.0 50.7 76.1  
61 42.0 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 50.379 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

Instrument :

MSVOA\_Y

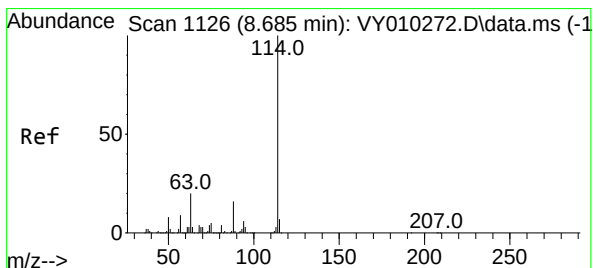
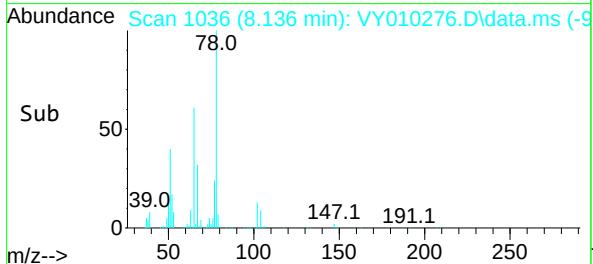
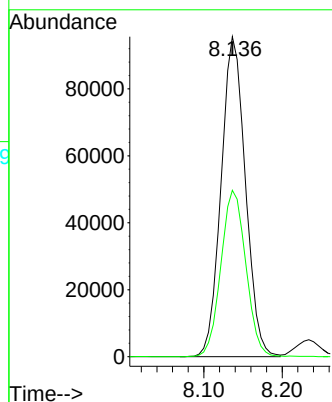
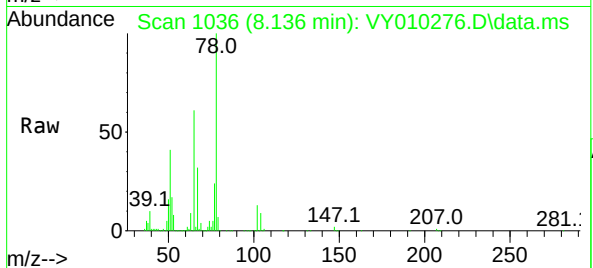
ClientSampleId :

Tgt Ion: 65 Resp: 206073

Ion Ratio Lower Upper

65 100

67 53.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

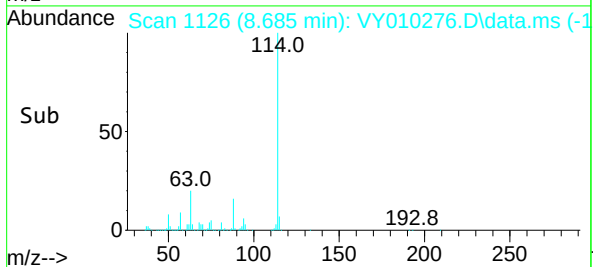
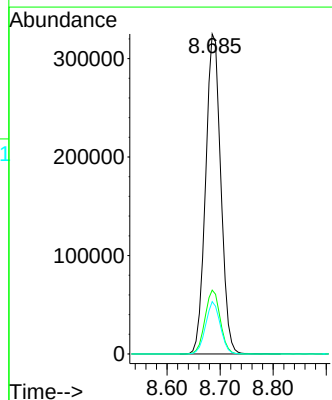
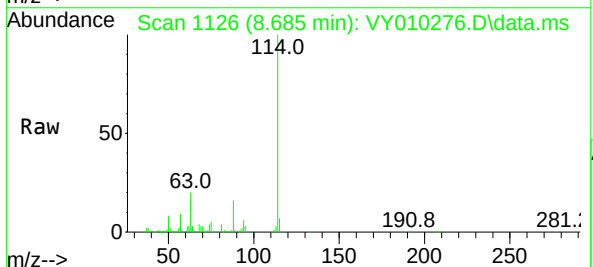
Tgt Ion: 114 Resp: 644722

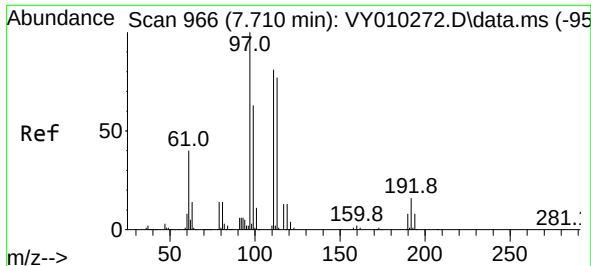
Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 16.4 0.0 31.8

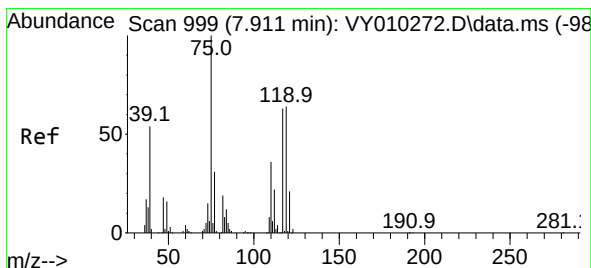
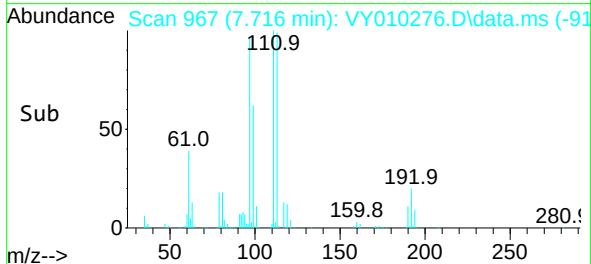
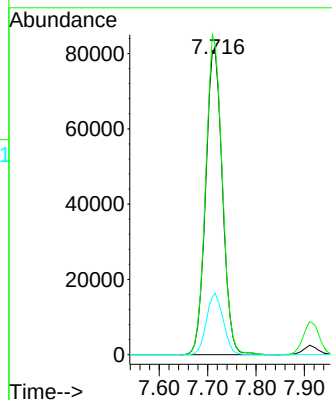
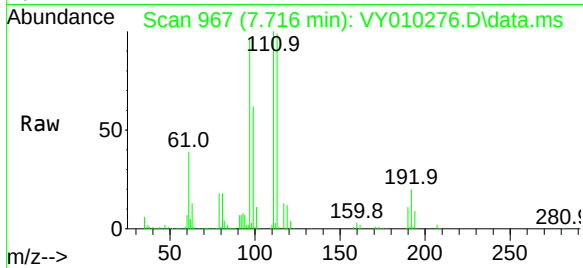




#35  
Dibromofluoromethane  
Concen: 45.720 ug/l  
RT: 7.716 min Scan# 967  
Delta R.T. 0.006 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

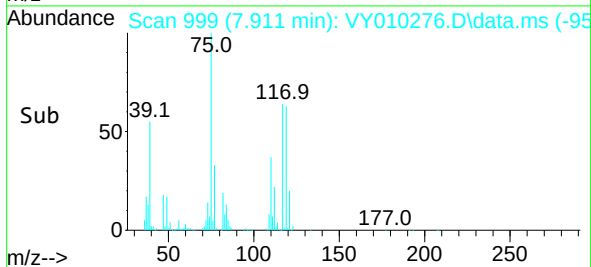
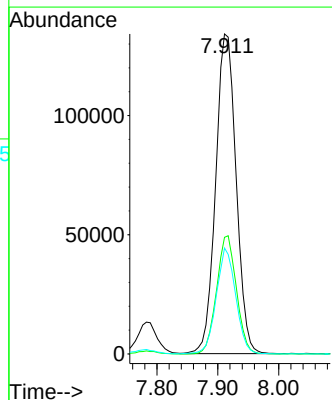
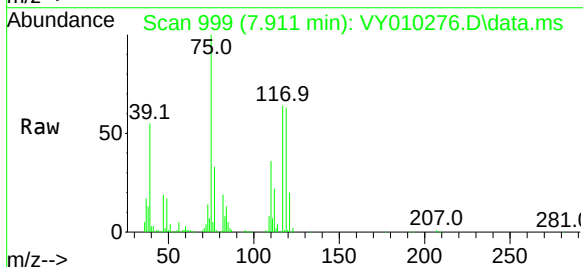
Instrument :  
MSVOA\_Y  
ClientSampleId :

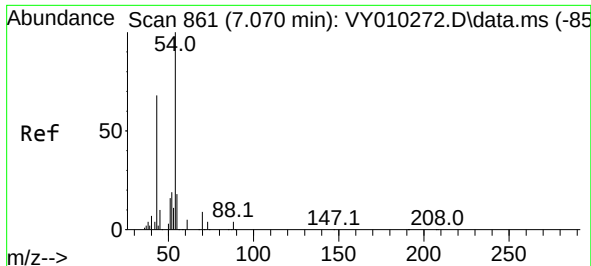
Tgt Ion:113 Resp: 196230  
Ion Ratio Lower Upper  
113 100  
111 103.0 82.6 124.0  
192 20.0 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 49.719 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Tgt Ion: 75 Resp: 313099  
Ion Ratio Lower Upper  
75 100  
110 35.9 17.1 51.2  
77 31.7 24.4 36.6





#37

Ethyl Acetate

Concen: 49.346 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

Instrument :

MSVOA\_Y

ClientSampleId :

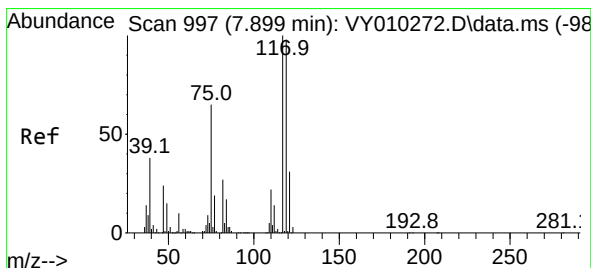
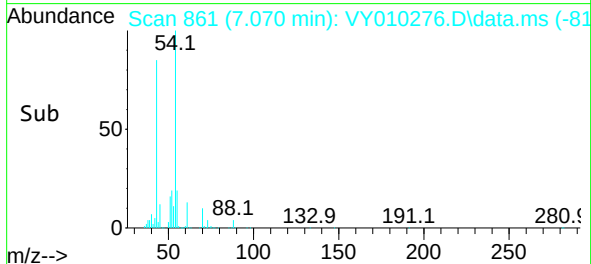
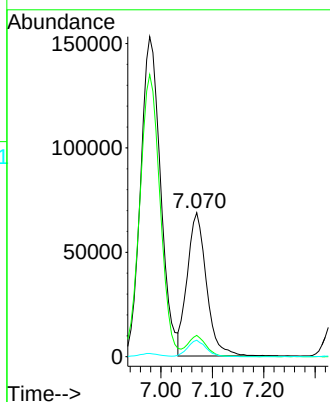
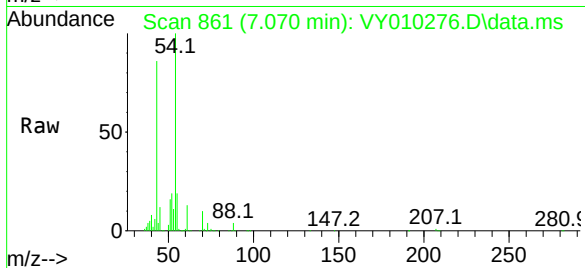
Tgt Ion: 43 Resp: 178165

Ion Ratio Lower Upper

43 100

61 14.2 9.7 14.5

70 11.2 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 50.385 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

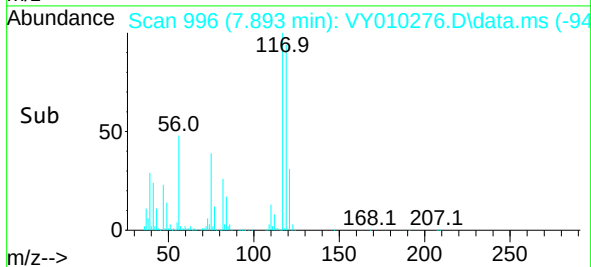
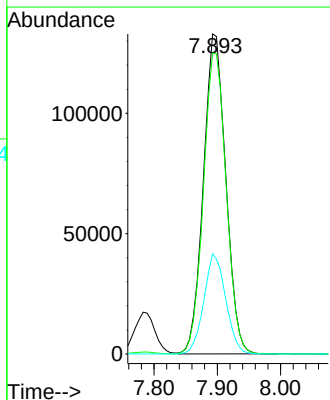
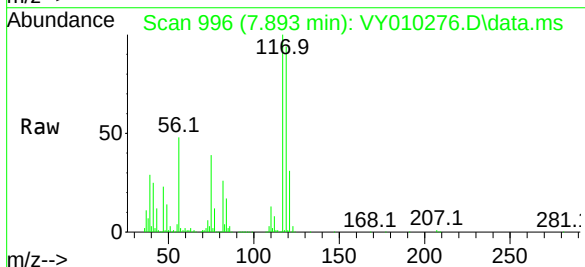
Tgt Ion: 117 Resp: 326998

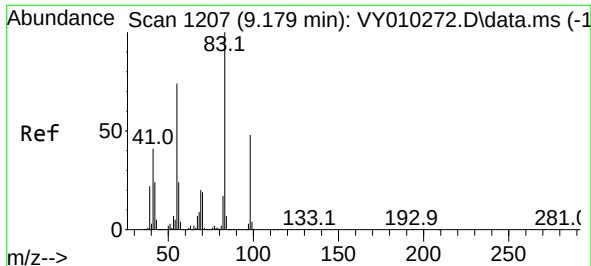
Ion Ratio Lower Upper

117 100

119 94.0 77.9 116.9

121 31.3 24.8 37.2





#39

Methylcyclohexane

Concen: 49.100 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

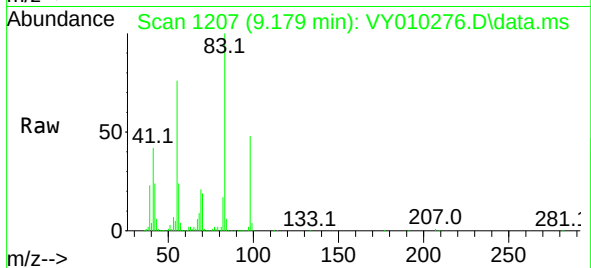
Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

Instrument :

MSVOA\_Y

ClientSampleId :



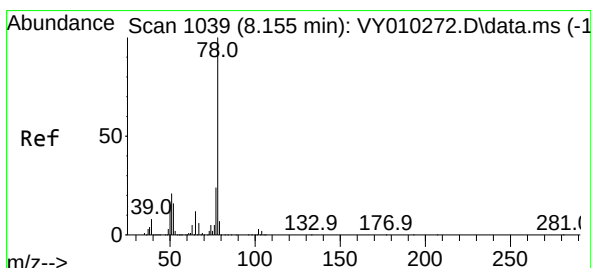
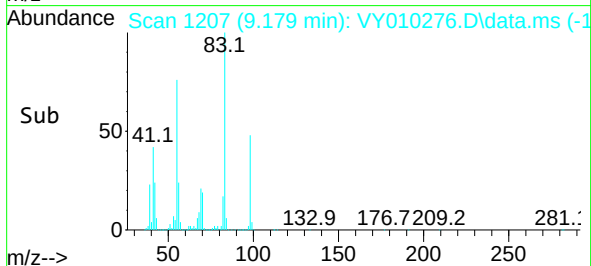
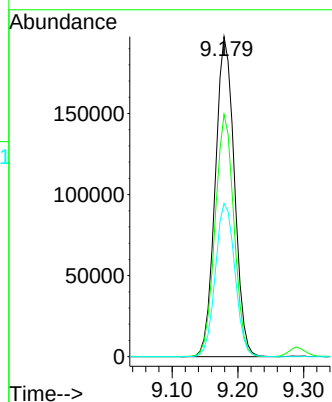
Tgt Ion: 83 Resp: 399183

Ion Ratio Lower Upper

83 100

55 75.7 66.5 99.7

98 47.9 37.9 56.9



#40

Benzene

Concen: 49.755 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY010276.D

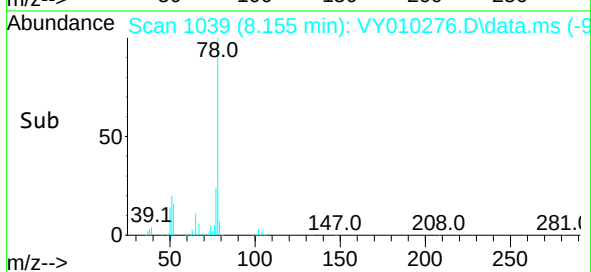
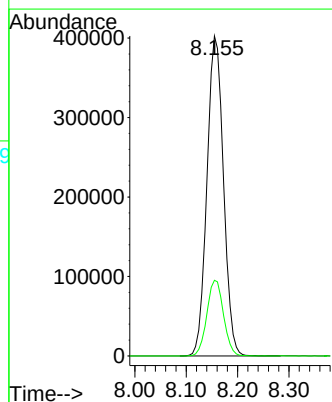
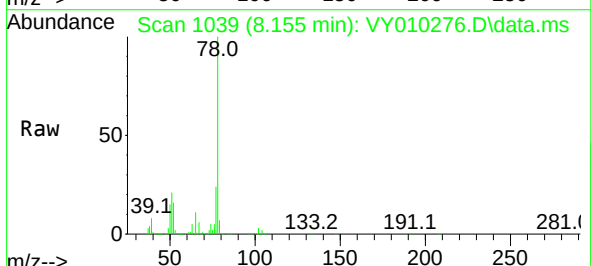
Acq: 02 Sep 2022 13:06

Tgt Ion: 78 Resp: 897343

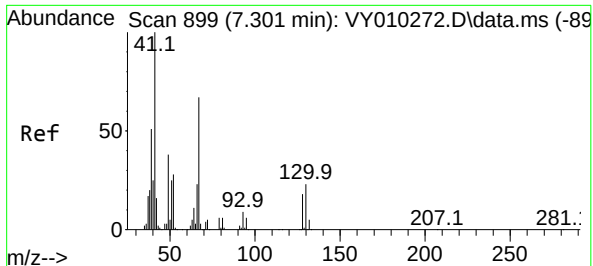
Ion Ratio Lower Upper

78 100

77 23.7 20.4 30.6



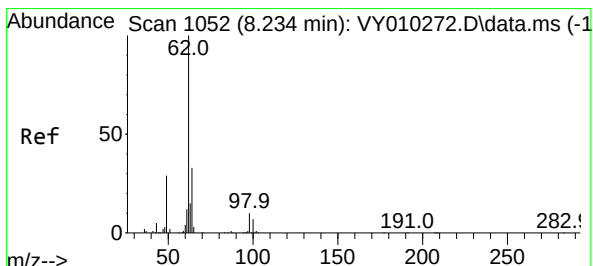
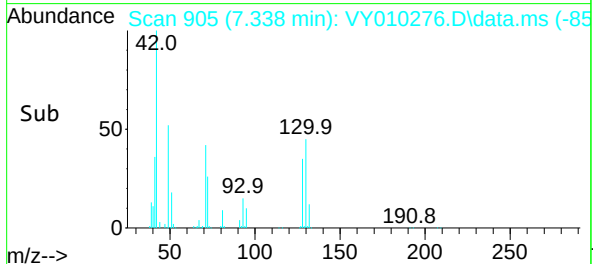
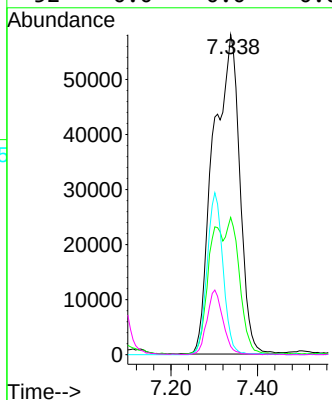
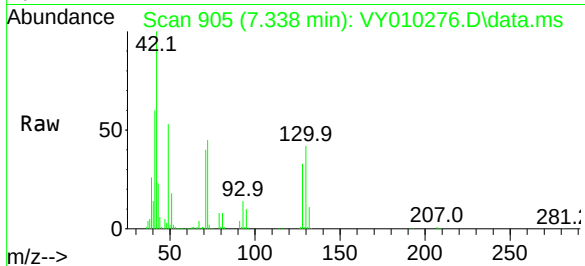




#41  
Methacrylonitrile  
Concen: 120.352 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. 0.037 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

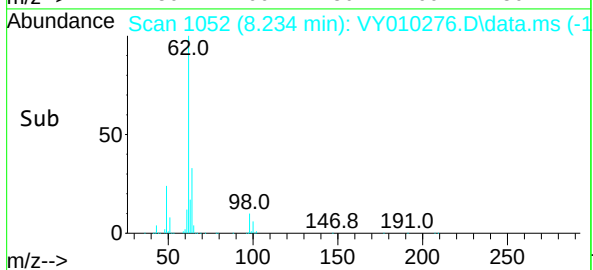
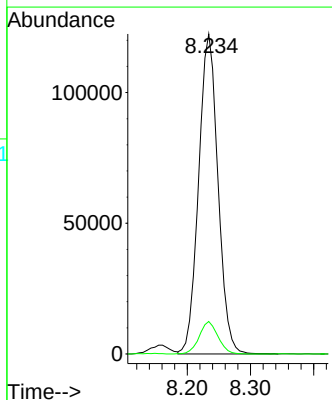
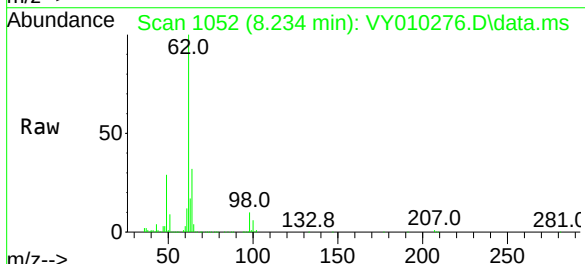
Instrument :  
MSVOA\_Y  
ClientSampleId :

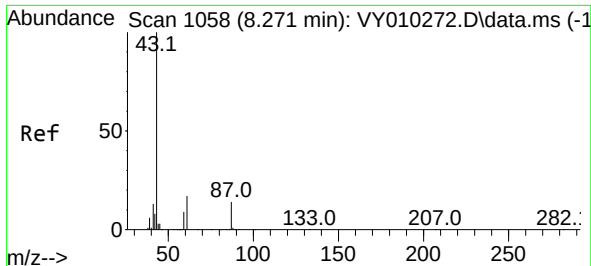
Tgt Ion: 41 Resp: 244975  
Ion Ratio Lower Upper  
41 100  
39 0.0 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 49.928 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. -0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

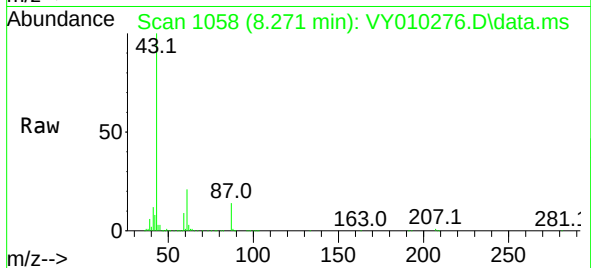
Tgt Ion: 62 Resp: 261083  
Ion Ratio Lower Upper  
62 100  
98 9.8 0.0 14.8



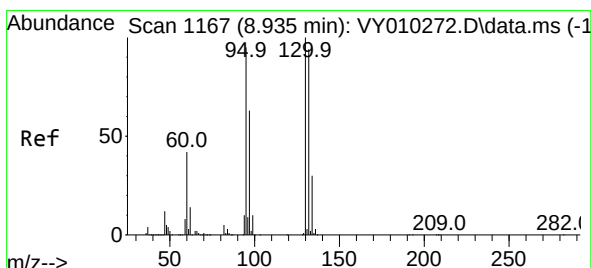
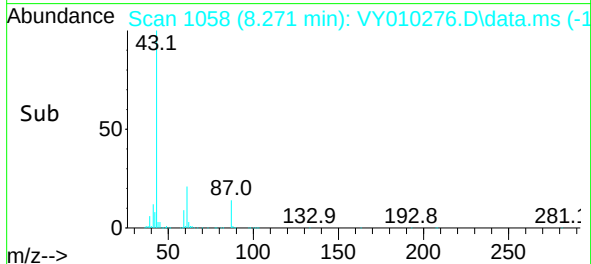
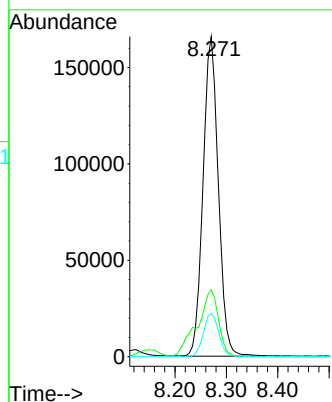


#43  
Isopropyl Acetate  
Concen: 49.740 ug/l  
RT: 8.271 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Instrument :  
MSVOA\_Y  
ClientSampleId :

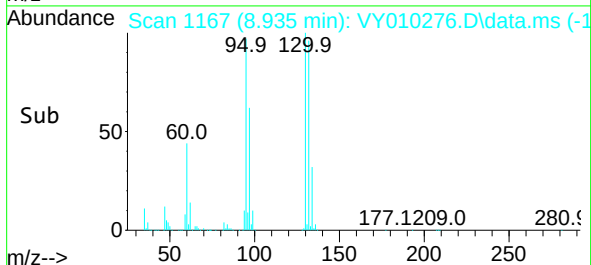
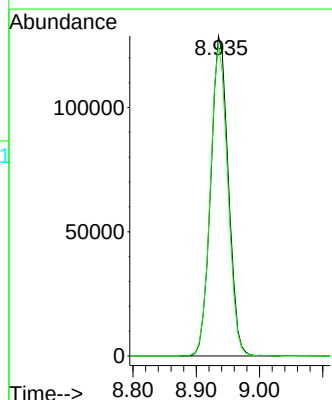
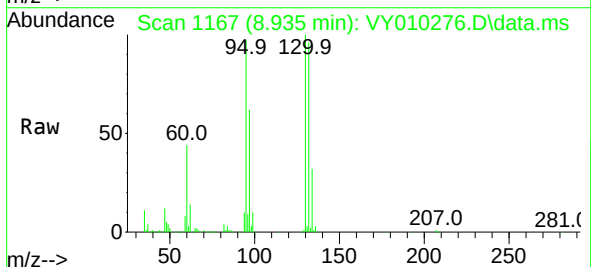


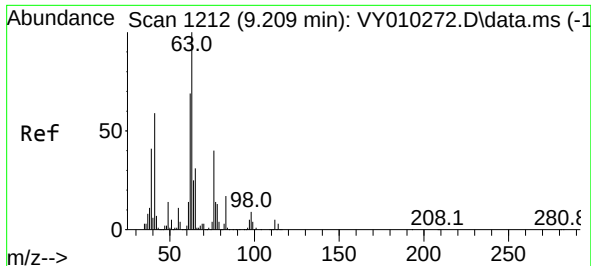
Tgt Ion: 43 Resp: 342326  
Ion Ratio Lower Upper  
43 100  
61 29.1 20.2 30.2  
87 13.7 8.9 13.3#



#44  
Trichloroethene  
Concen: 50.208 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Tgt Ion:130 Resp: 248588  
Ion Ratio Lower Upper  
130 100  
95 97.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 49.959 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.007 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

Instrument :

MSVOA\_Y

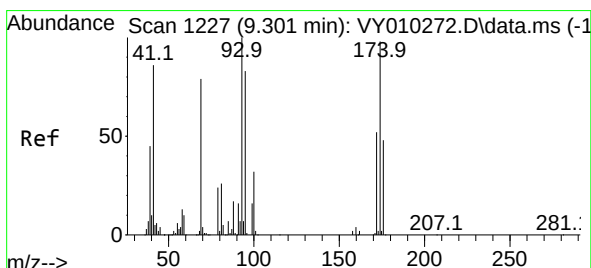
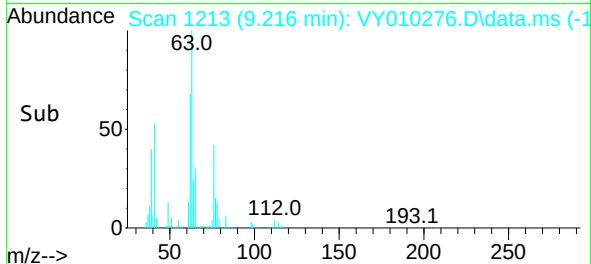
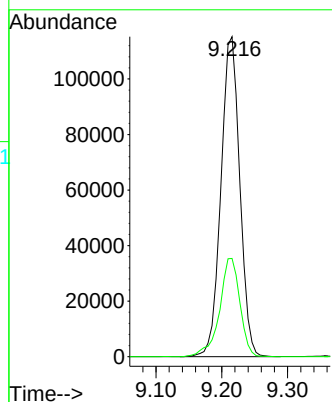
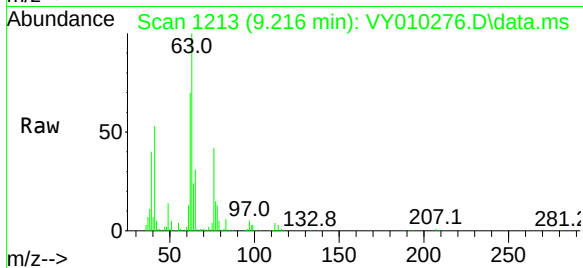
ClientSampleId :

Tgt Ion: 63 Resp: 229557

Ion Ratio Lower Upper

63 100

65 30.7 23.0 34.6



#46

Dibromomethane

Concen: 50.109 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

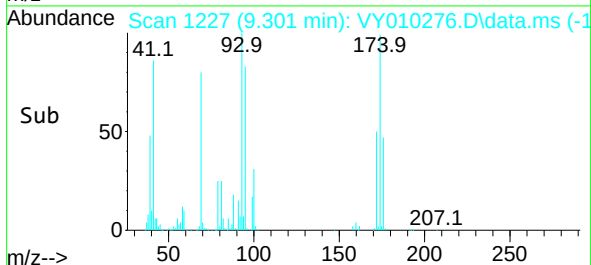
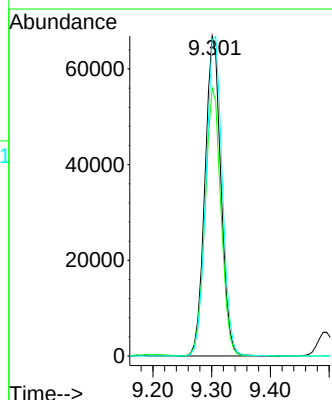
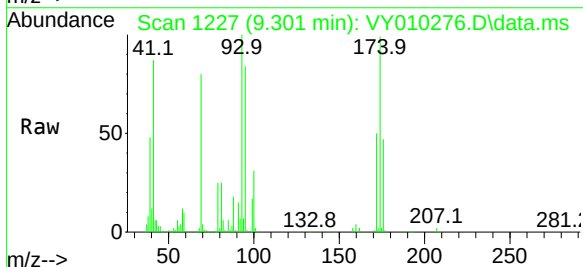
Tgt Ion: 93 Resp: 126463

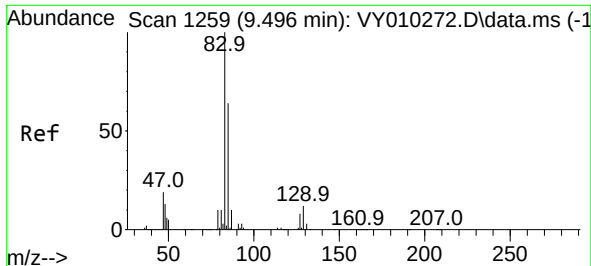
Ion Ratio Lower Upper

93 100

95 83.2 64.3 96.5

174 101.6 83.4 125.0





#47

Bromodichloromethane

Concen: 50.656 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

Instrument :

MSVOA\_Y

ClientSampleId :

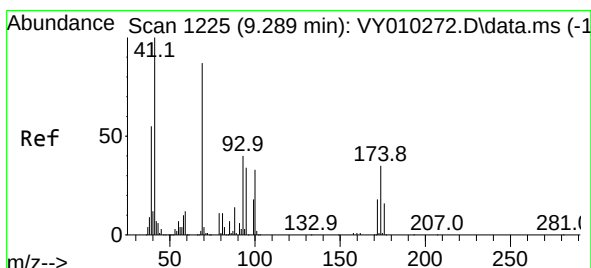
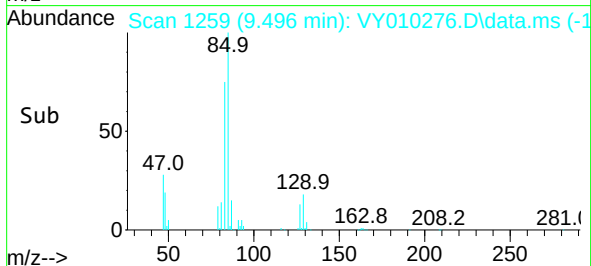
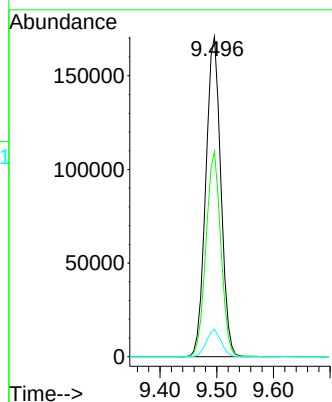
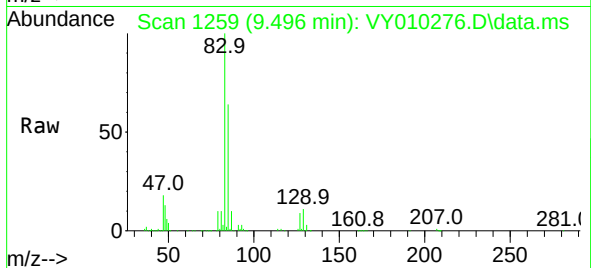
Tgt Ion: 83 Resp: 314394

Ion Ratio Lower Upper

83 100

85 64.2 51.9 77.9

127 8.6 6.6 10.0



#48

Methyl methacrylate

Concen: 50.570 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

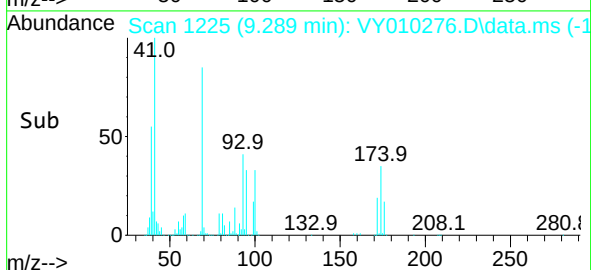
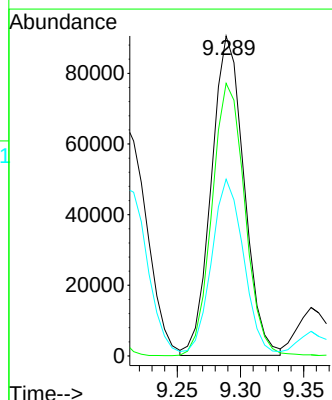
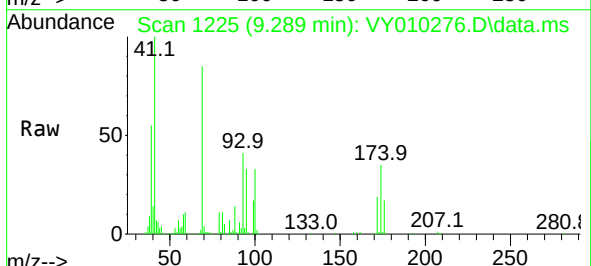
Tgt Ion: 41 Resp: 162349

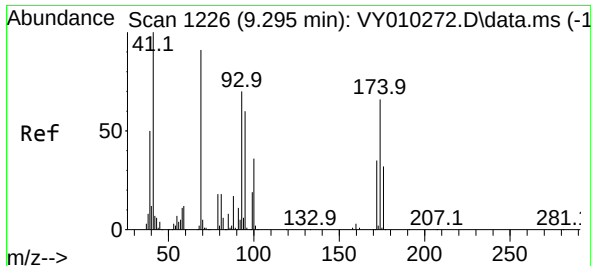
Ion Ratio Lower Upper

41 100

69 85.7 58.2 87.2

39 51.9 47.4 71.0





#49

1,4-Dioxane

Concen: 1029.534 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

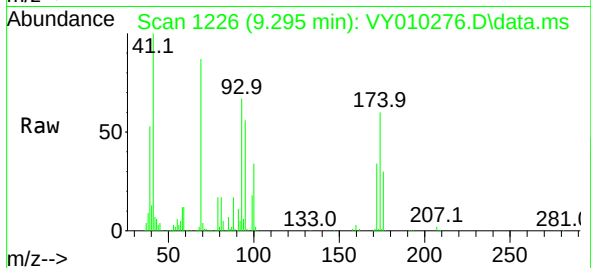
Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

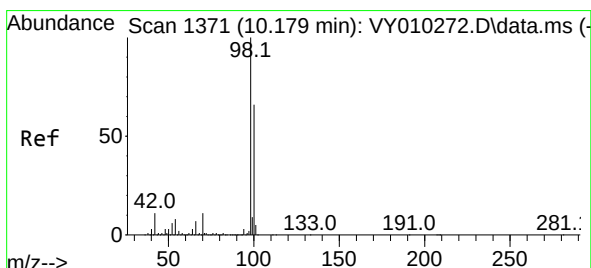
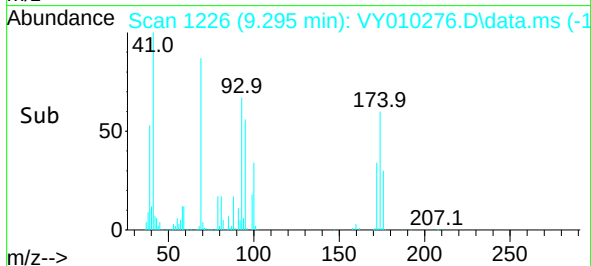
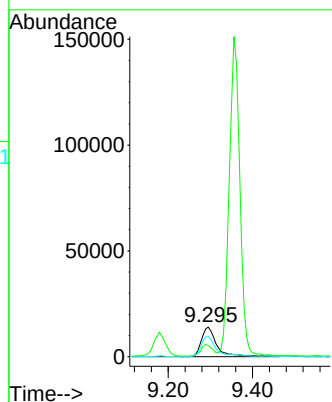
Instrument :

MSVOA\_Y

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 35752 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 30.6  | 32.8  | 49.2  |
| 58       | 69.6  | 59.8  | 89.6  |



#50

Toluene-d8

Concen: 53.636 ug/l

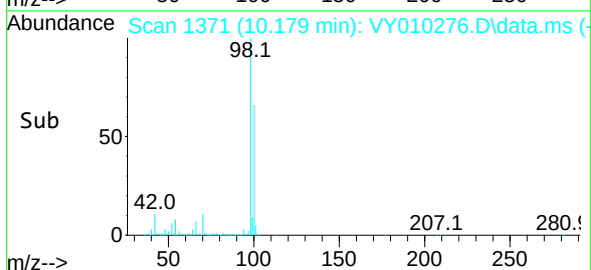
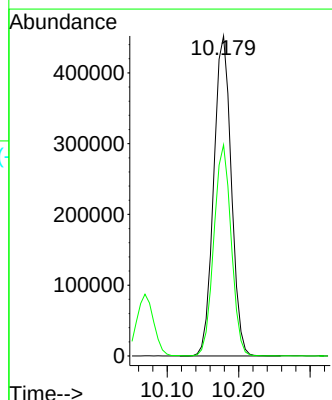
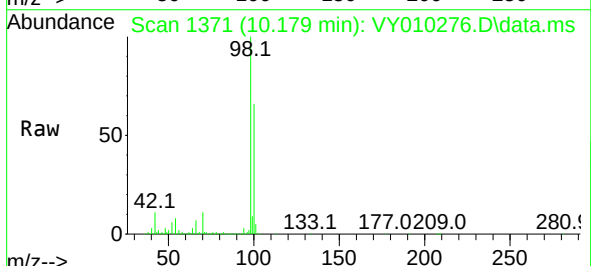
RT: 10.179 min Scan# 1371

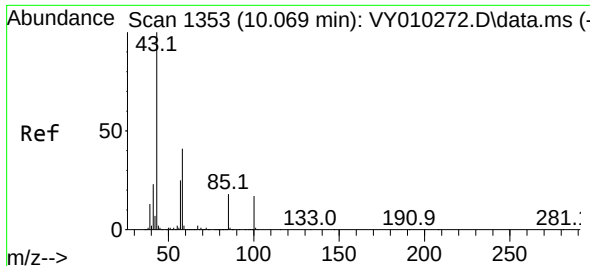
Delta R.T. -0.000 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 770735 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 65.1  | 50.2  | 75.2   |

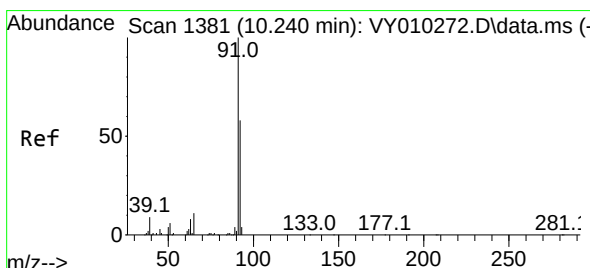
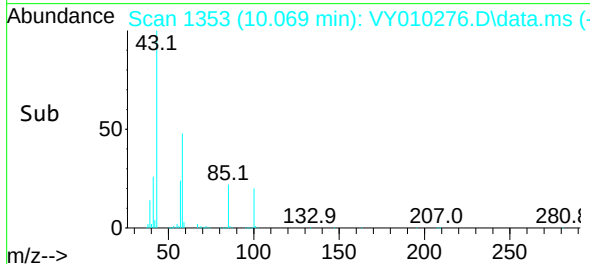
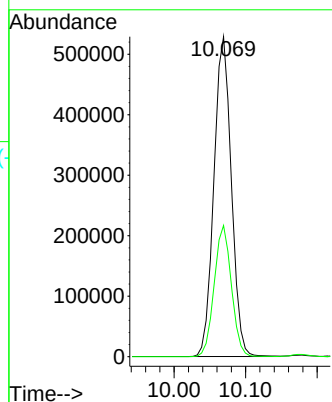
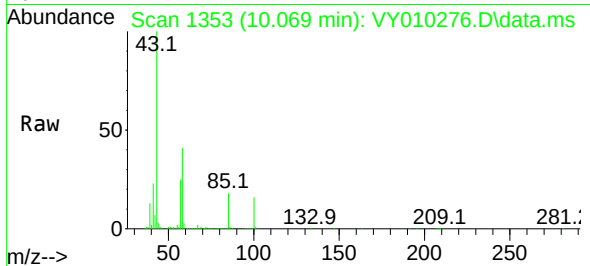




#51  
4-Methyl-2-Pentanone  
Concen: 252.180 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

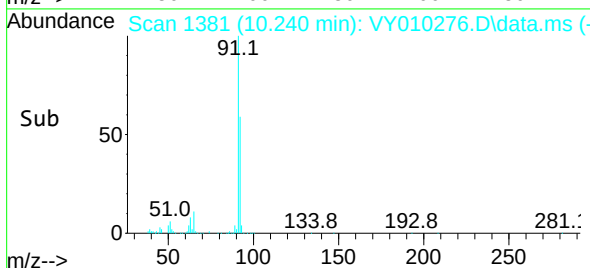
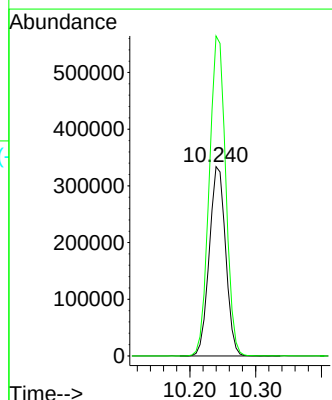
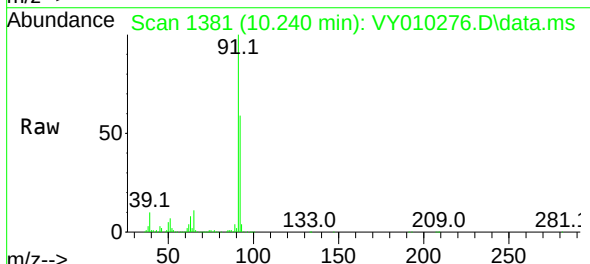
Instrument :  
MSVOA\_Y  
ClientSampleId :

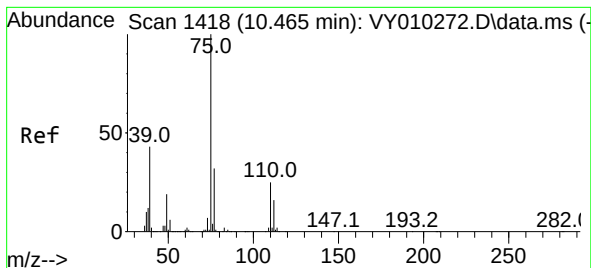
Tgt Ion: 43 Resp: 895435  
Ion Ratio Lower Upper  
43 100  
58 40.5 28.1 42.1



#52  
Toluene  
Concen: 50.038 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Tgt Ion: 92 Resp: 577286  
Ion Ratio Lower Upper  
92 100  
91 170.2 142.6 213.8

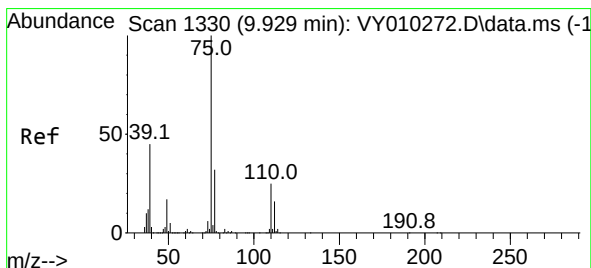
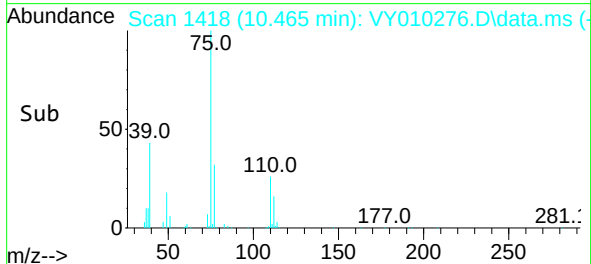
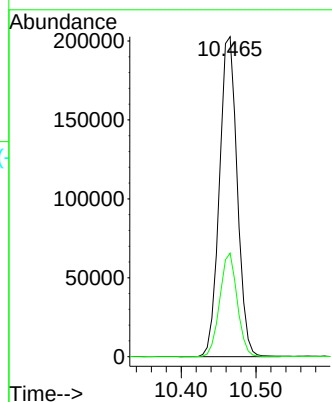
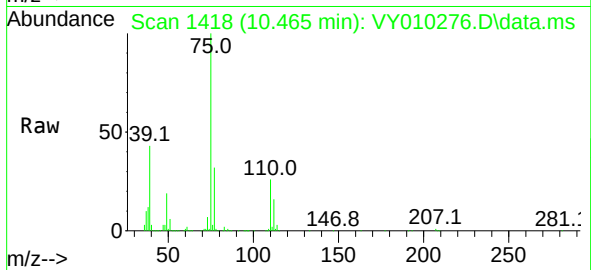




#53  
t-1,3-Dichloropropene  
Concen: 50.192 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

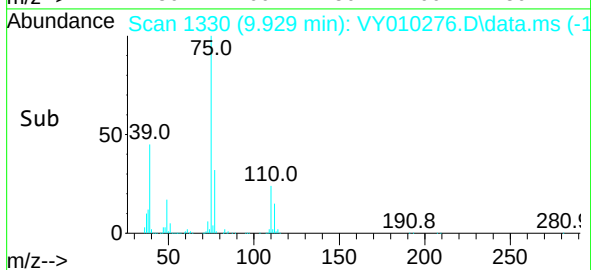
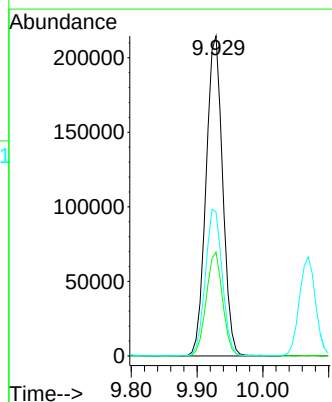
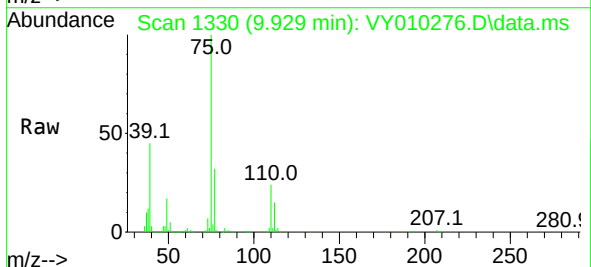
Instrument :  
MSVOA\_Y  
ClientSampleId :

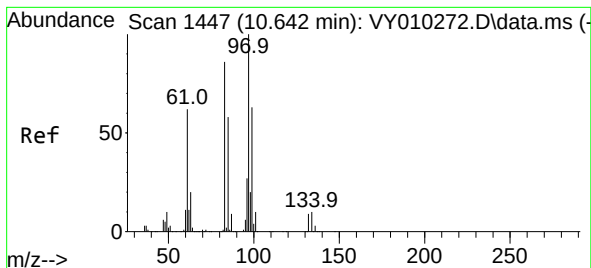
Tgt Ion: 75 Resp: 335992  
Ion Ratio Lower Upper  
75 100  
77 32.4 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 50.043 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Tgt Ion: 75 Resp: 377737  
Ion Ratio Lower Upper  
75 100  
77 32.4 25.6 38.4  
39 44.9 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 50.641 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

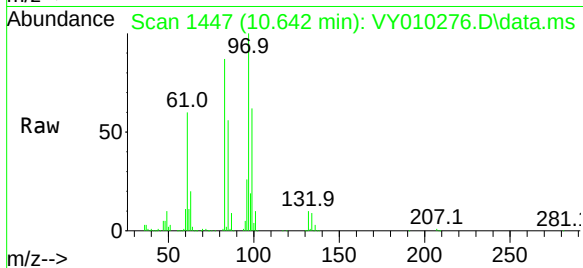
Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

Instrument :

MSVOA\_Y

ClientSampleId :



Tgt Ion: 97 Resp: 181427

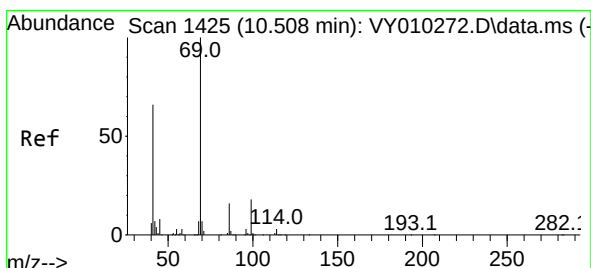
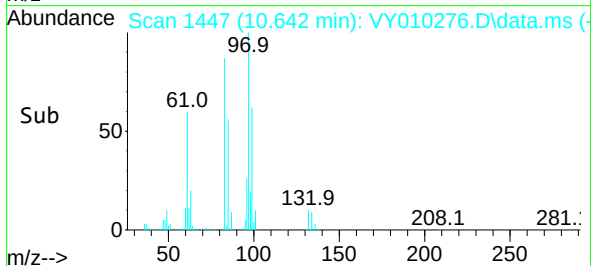
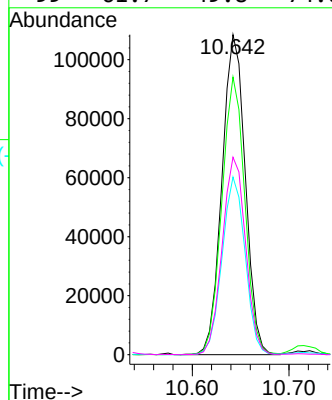
Ion Ratio Lower Upper

97 100

83 86.8 69.8 104.8

85 55.5 44.3 66.5

99 61.7 49.8 74.6



#56

Ethyl methacrylate

Concen: 50.302 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

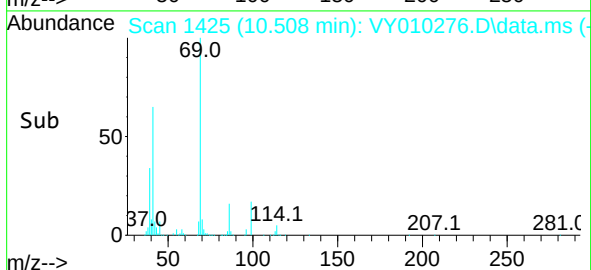
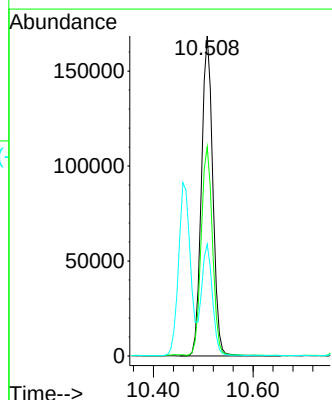
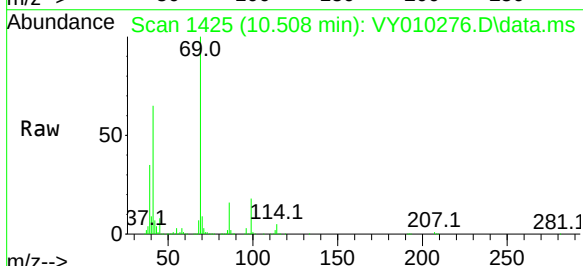
Tgt Ion: 69 Resp: 266243

Ion Ratio Lower Upper

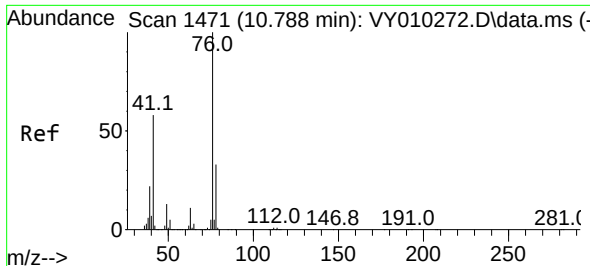
69 100

41 64.9 63.4 95.0

39 34.1 35.8 53.8#







#57

1,3-Dichloropropane

Concen: 50.021 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

Instrument :

MSVOA\_Y

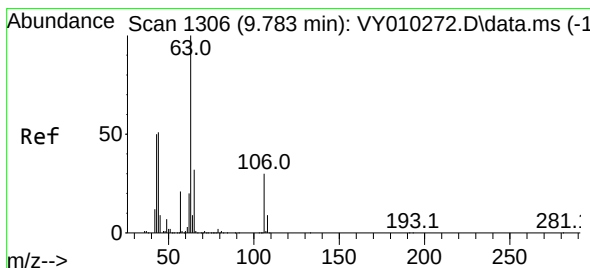
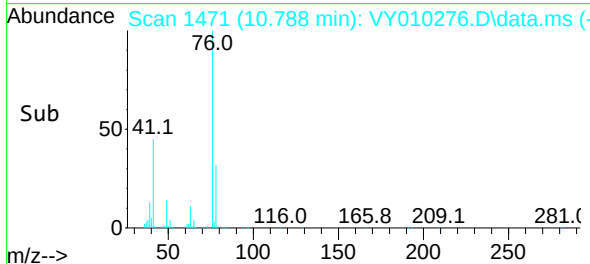
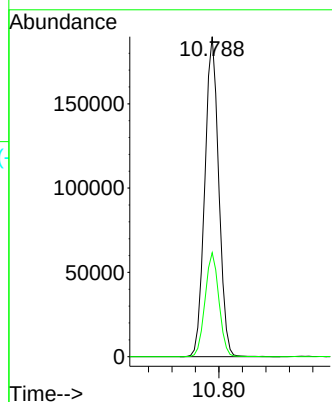
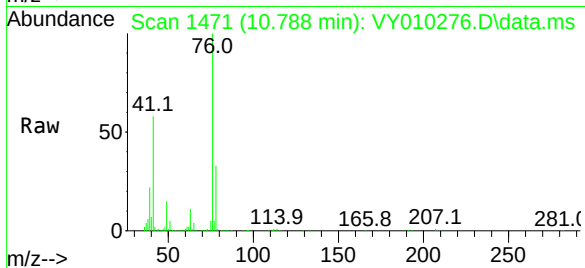
ClientSampleId :

Tgt Ion: 76 Resp: 312356

Ion Ratio Lower Upper

76 100

78 32.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 223.985 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY010276.D

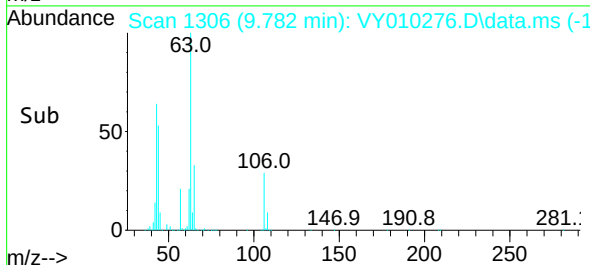
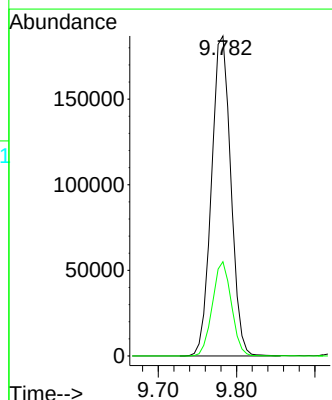
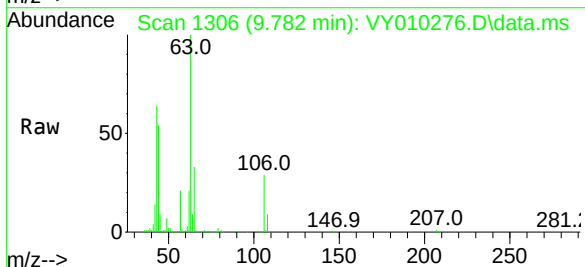
Acq: 02 Sep 2022 13:06

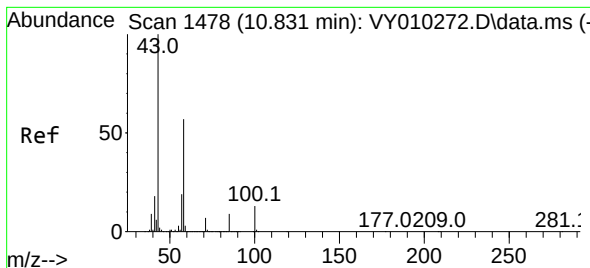
Tgt Ion: 63 Resp: 320311

Ion Ratio Lower Upper

63 100

106 28.9 21.5 32.3

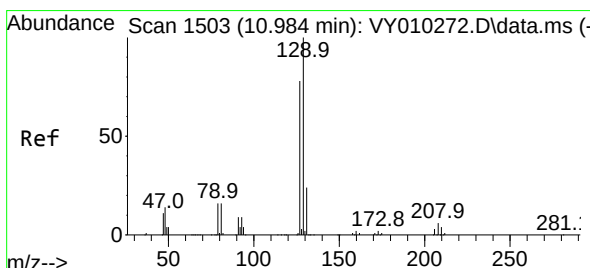
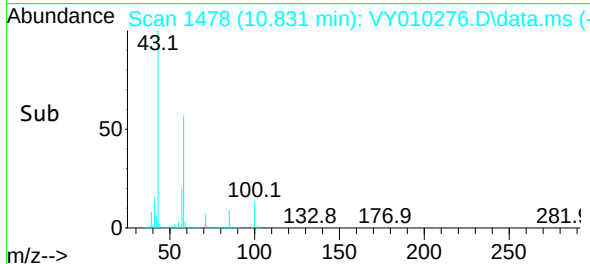
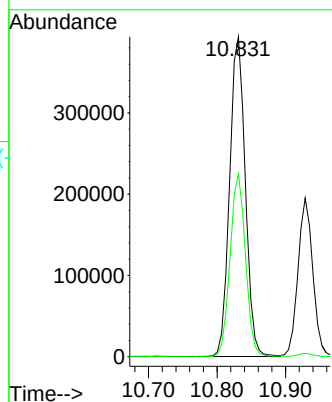
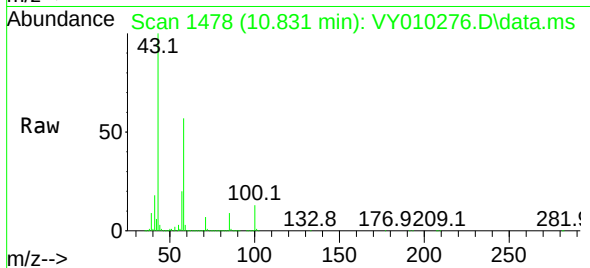




#59  
2-Hexanone  
Concen: 254.048 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

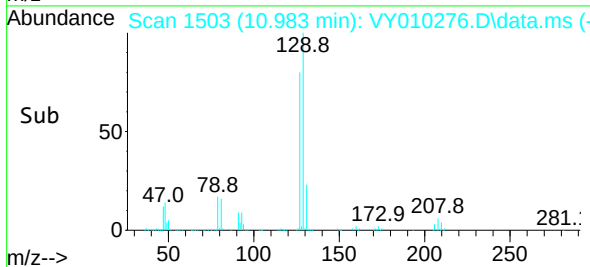
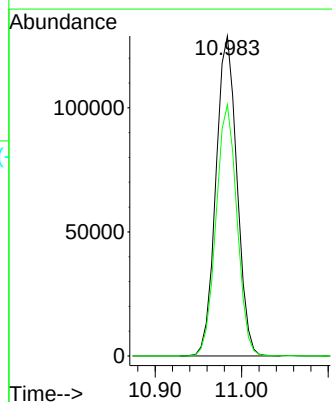
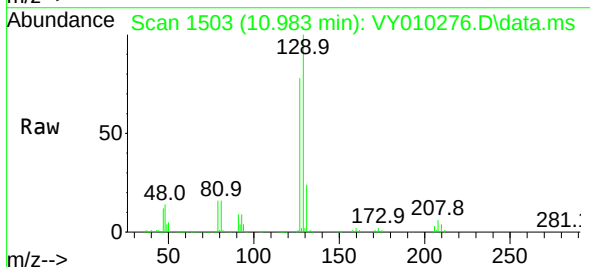
Instrument :  
MSVOA\_Y  
ClientSampleId :

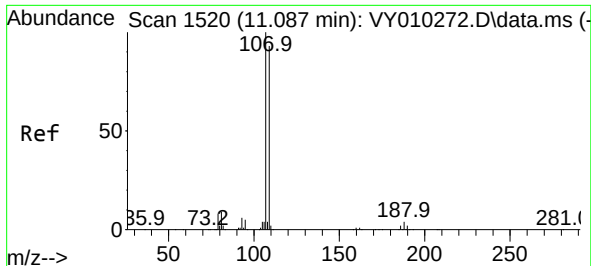
Tgt Ion: 43 Resp: 625524  
Ion Ratio Lower Upper  
43 100  
58 56.3 24.4 73.4



#60  
Dibromochloromethane  
Concen: 50.365 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. -0.001 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Tgt Ion: 129 Resp: 217427  
Ion Ratio Lower Upper  
129 100  
127 78.0 38.7 116.1

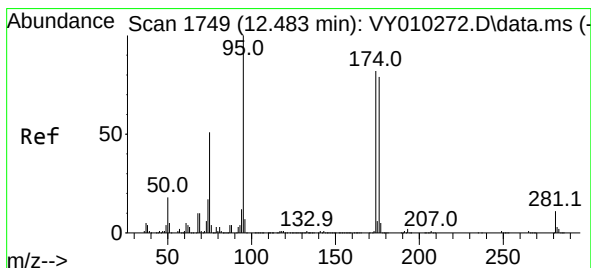
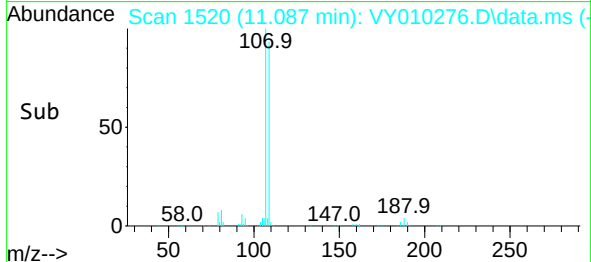
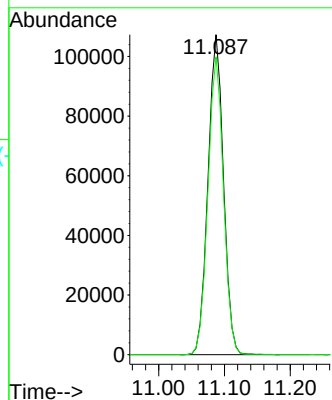
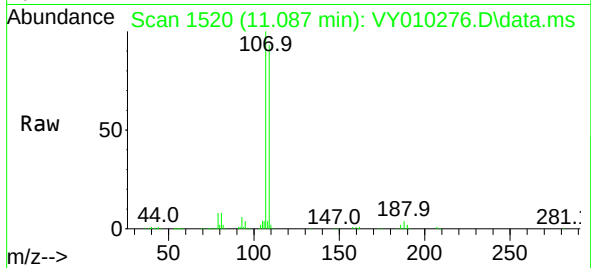




#61  
1,2-Dibromoethane  
Concen: 50.830 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

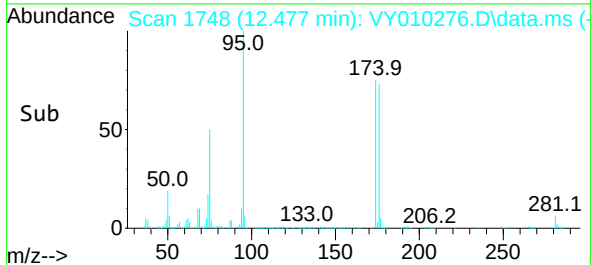
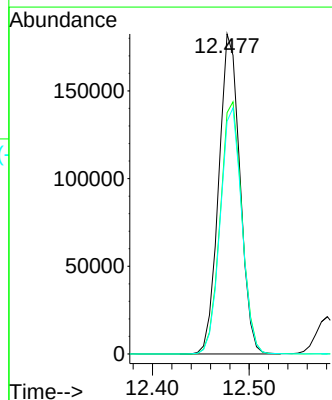
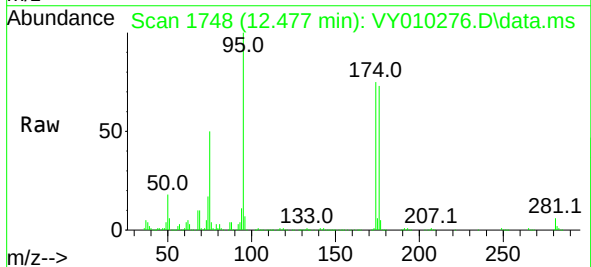
Instrument :  
MSVOA\_Y  
ClientSampleId :

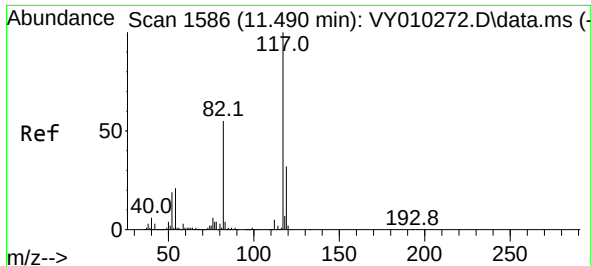
Tgt Ion:107 Resp: 175980  
Ion Ratio Lower Upper  
107 100  
109 93.7 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 47.821 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Tgt Ion: 95 Resp: 276784  
Ion Ratio Lower Upper  
95 100  
174 80.7 0.0 177.0  
176 78.3 0.0 175.8

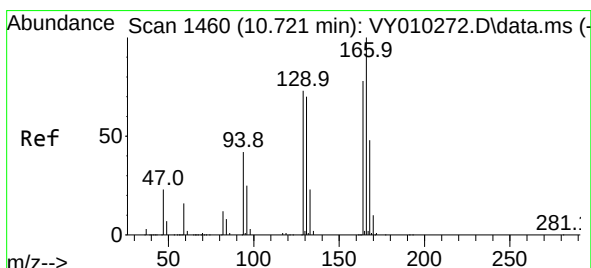
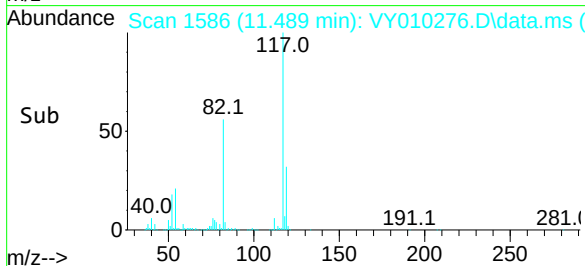
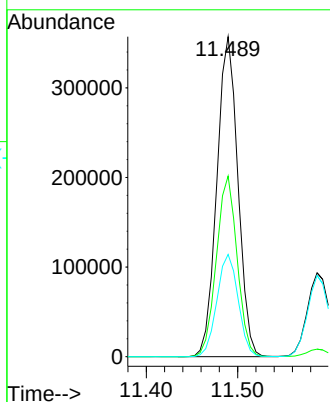
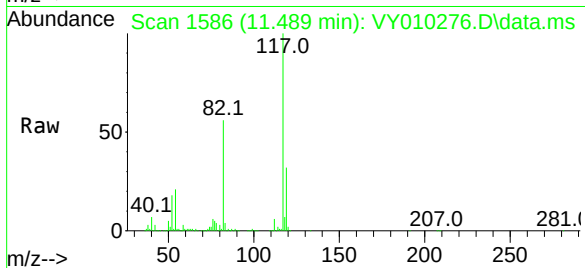




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

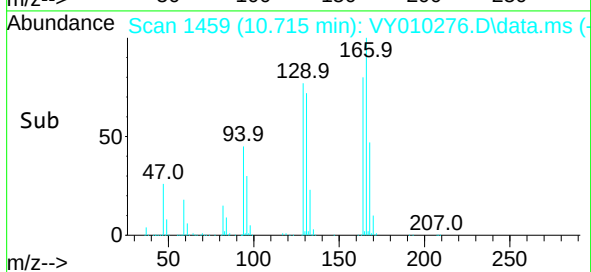
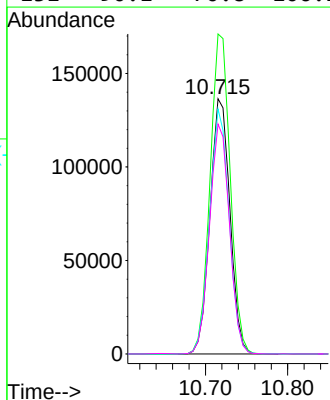
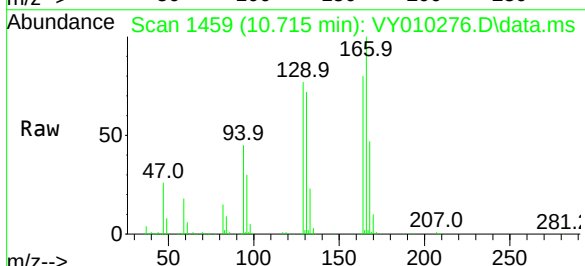
Instrument :  
MSVOA\_Y  
ClientSampleId :

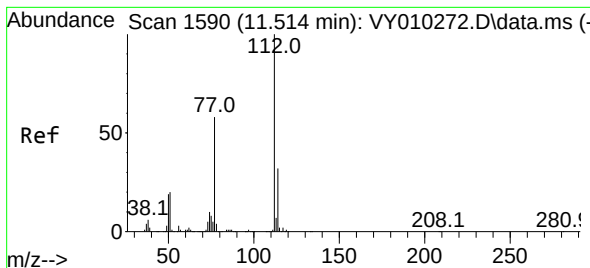
Tgt Ion:117 Resp: 572594  
Ion Ratio Lower Upper  
117 100  
82 56.5 43.0 64.4  
119 32.0 25.4 38.0



#64  
Tetrachloroethene  
Concen: 49.278 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. -0.006 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Tgt Ion:164 Resp: 230111  
Ion Ratio Lower Upper  
164 100  
166 125.4 100.4 150.6  
129 96.0 71.4 107.0  
131 90.1 70.8 106.2





#65

Chlorobenzene

Concen: 50.156 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

Instrument :

MSVOA\_Y

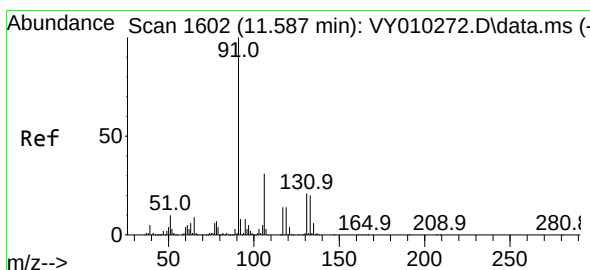
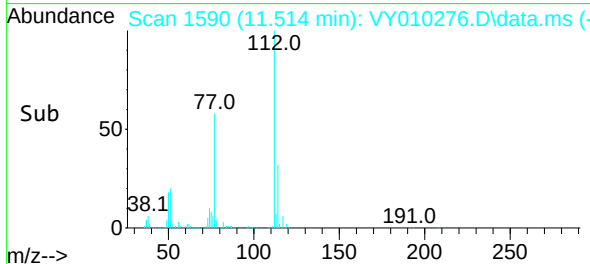
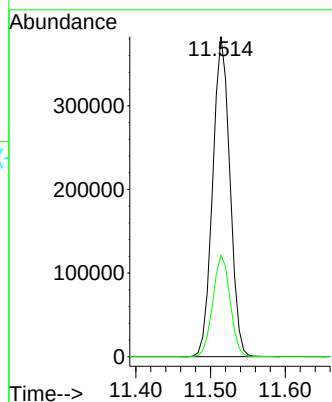
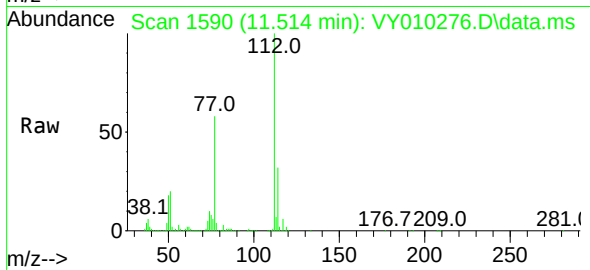
ClientSampleId :

Tgt Ion:112 Resp: 611972

Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.306 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

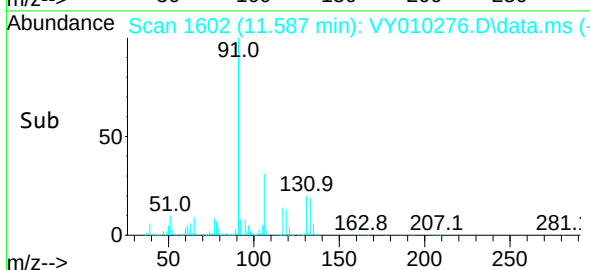
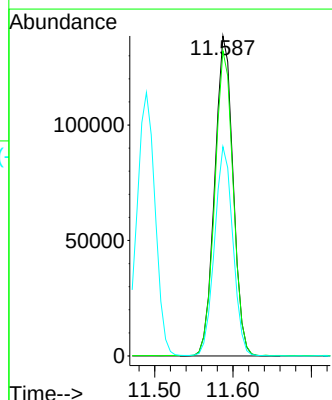
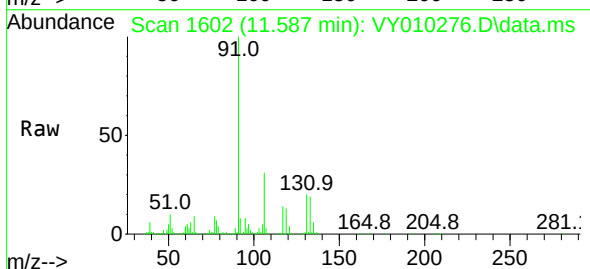
Tgt Ion:131 Resp: 225386

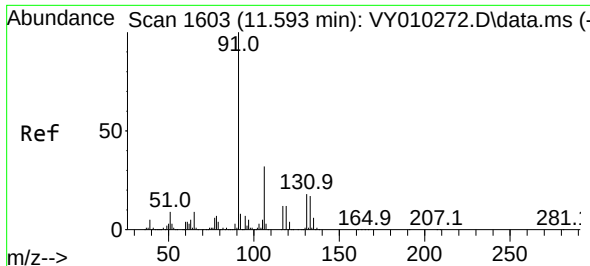
Ion Ratio Lower Upper

131 100

133 95.2 47.9 143.6

119 65.6 30.8 92.3

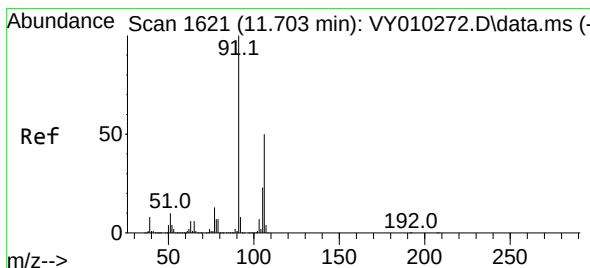
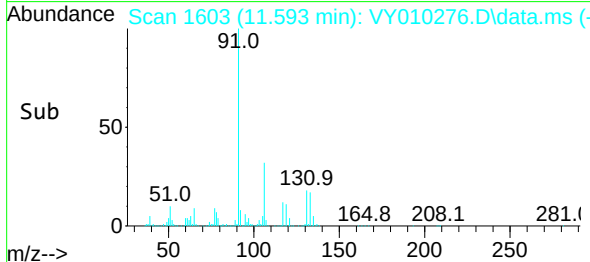
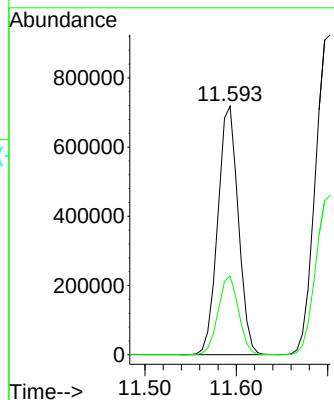
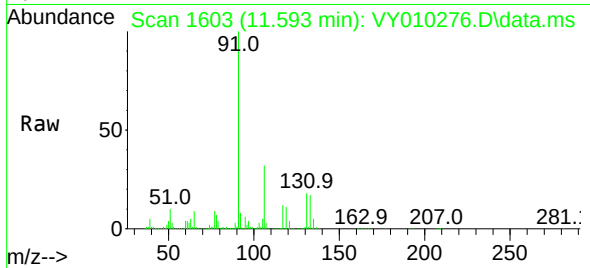




#67  
Ethyl Benzene  
Concen: 50.133 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

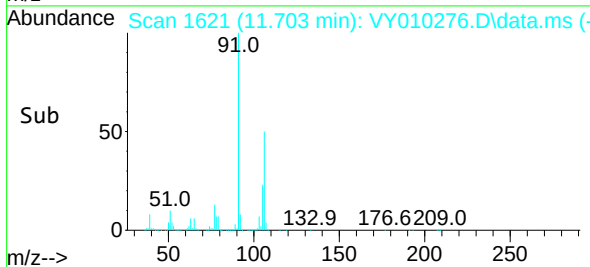
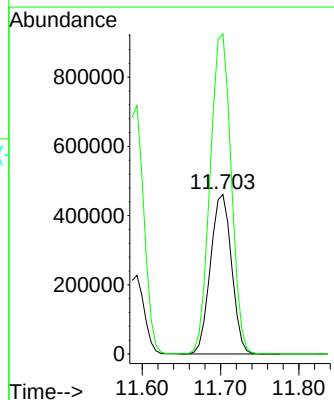
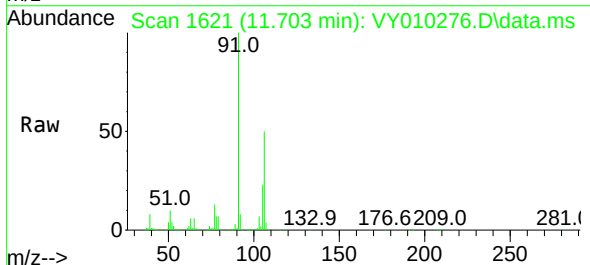
Instrument :  
MSVOA\_Y  
ClientSampleId :

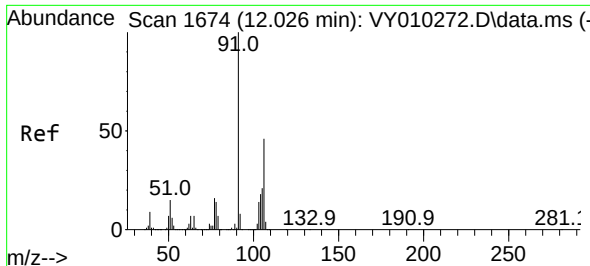
Tgt Ion: 91 Resp: 1120147  
Ion Ratio Lower Upper  
91 100  
106 31.7 24.5 36.7



#68  
m/p-Xylenes  
Concen: 100.971 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Tgt Ion:106 Resp: 861821  
Ion Ratio Lower Upper  
106 100  
91 201.1 166.6 249.8

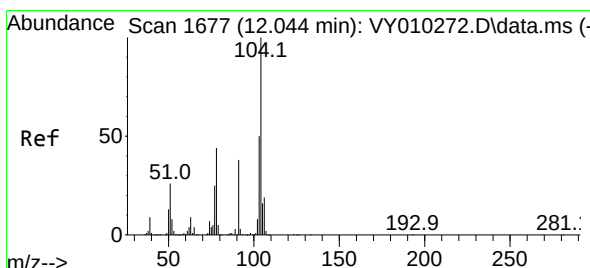
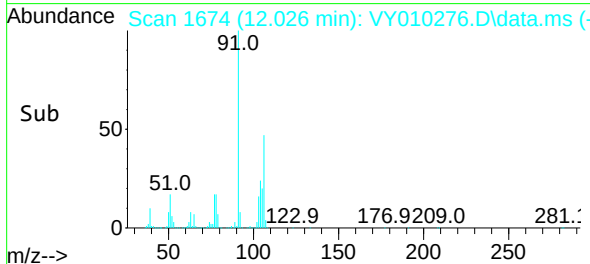
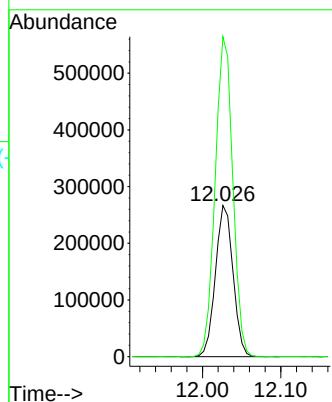
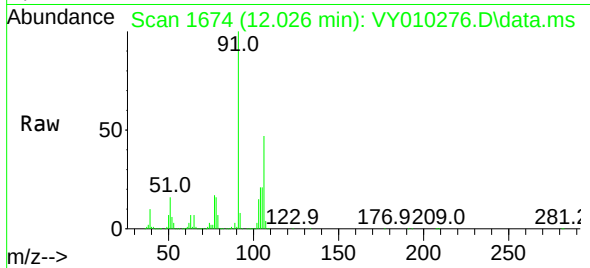




#69  
o-Xylene  
Concen: 50.196 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. -0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

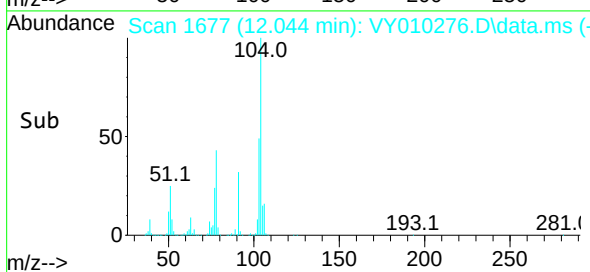
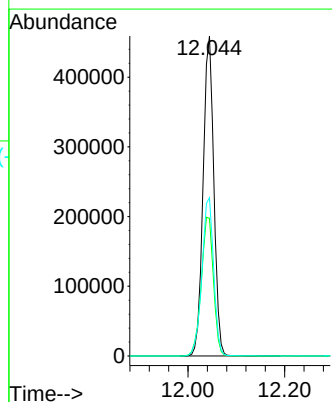
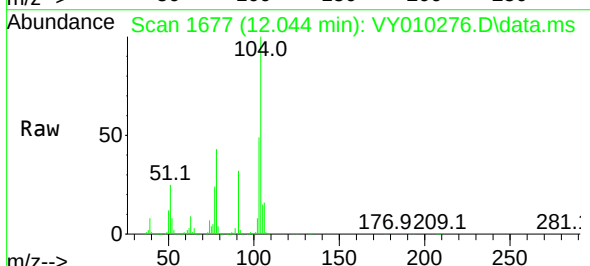
Instrument :  
MSVOA\_Y  
ClientSampleId :

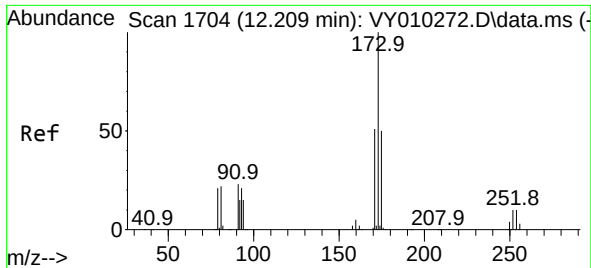
Tgt Ion:106 Resp: 415981  
Ion Ratio Lower Upper  
106 100  
91 212.1 110.3 331.0



#70  
Styrene  
Concen: 51.176 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Tgt Ion:104 Resp: 706461  
Ion Ratio Lower Upper  
104 100  
78 49.0 42.4 63.6  
103 54.3 44.4 66.6

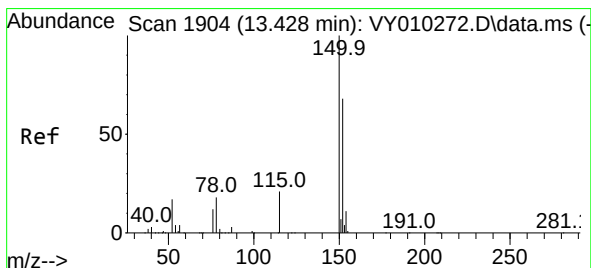
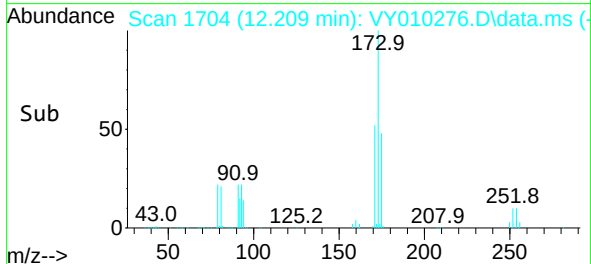
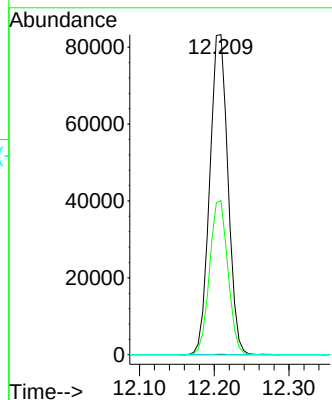
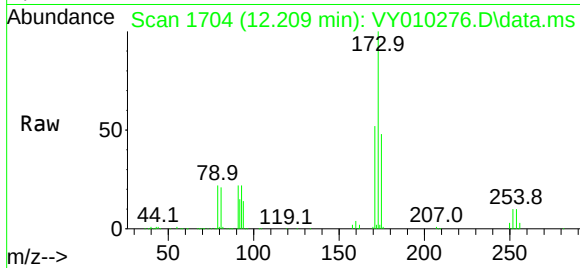




#71  
Bromoform  
Concen: 50.841 ug/l  
RT: 12.209 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

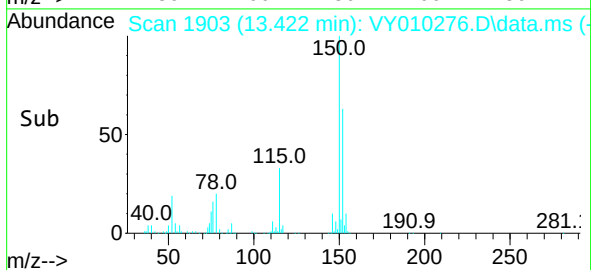
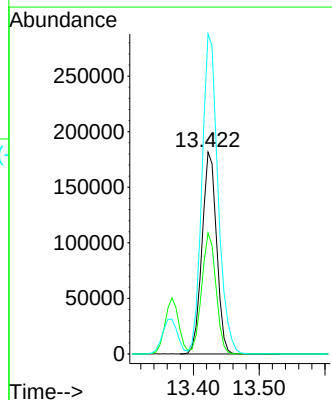
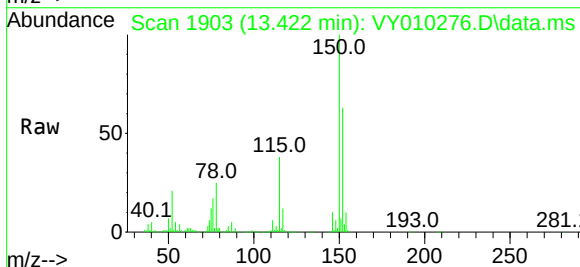
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:173 Resp: 140807  
Ion Ratio Lower Upper  
173 100  
175 48.5 24.6 74.0  
254 0.1 0.0 0.0#

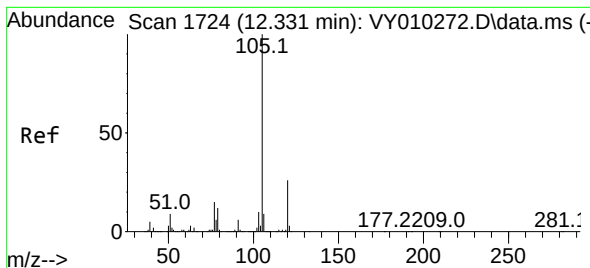


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. -0.006 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Tgt Ion:152 Resp: 278903  
Ion Ratio Lower Upper  
152 100  
115 58.8 28.2 84.7  
150 174.8 0.0 347.6







#73

Isopropylbenzene

Concen: 49.342 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

Instrument :

MSVOA\_Y

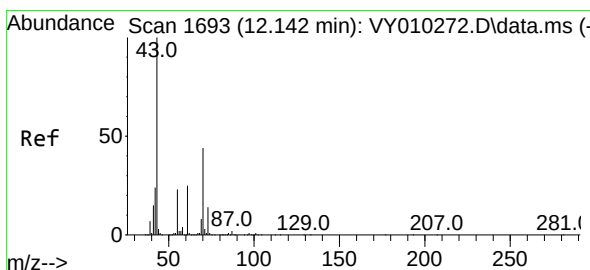
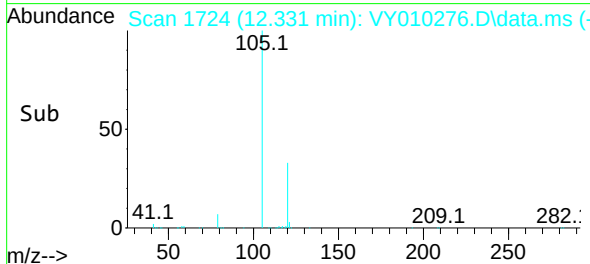
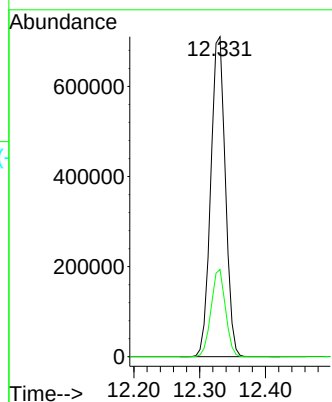
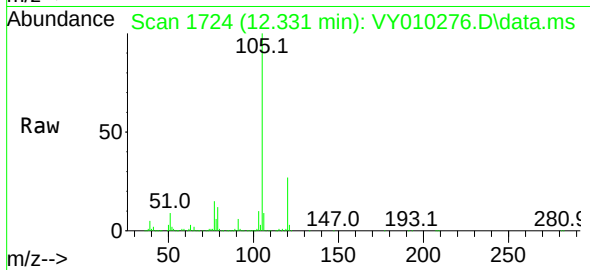
ClientSampleId :

Tgt Ion:105 Resp: 1097928

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 49.769 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

Tgt Ion: 43 Resp: 305526

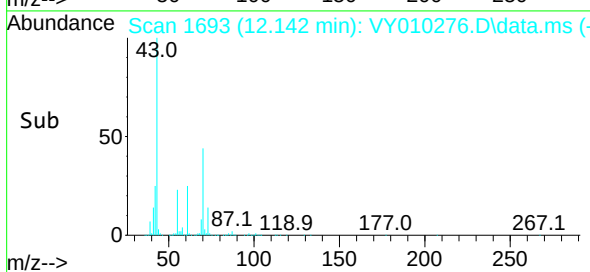
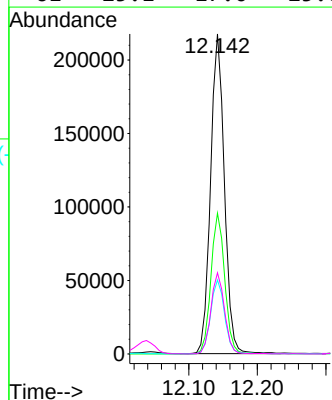
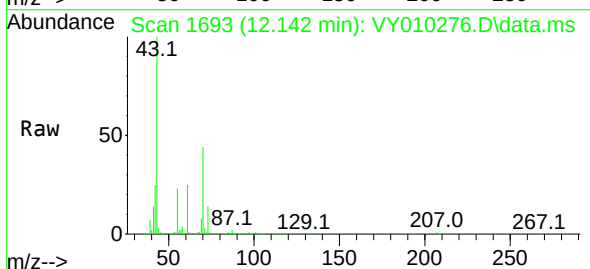
Ion Ratio Lower Upper

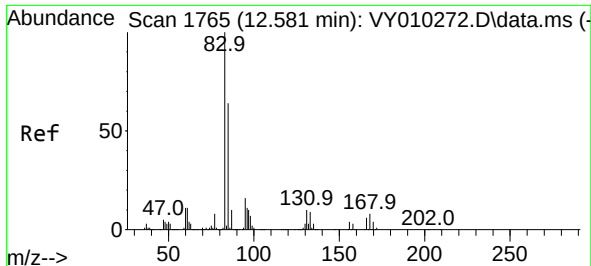
43 100

70 44.1 28.7 43.1#

55 23.3 17.3 25.9

61 25.1 17.0 25.6

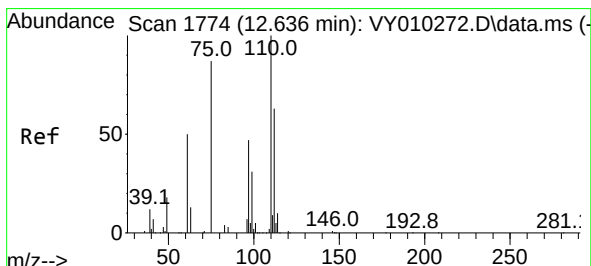
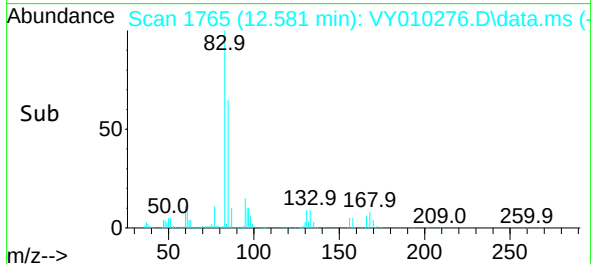
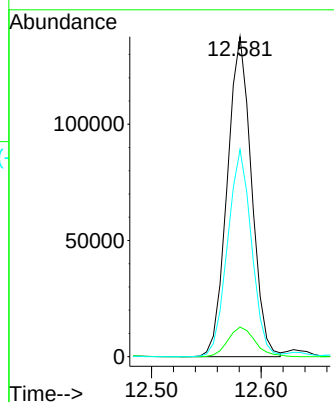
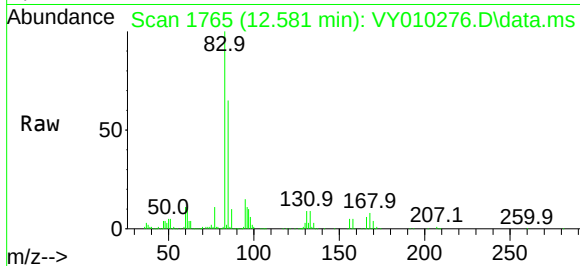




#75  
1,1,2,2-Tetrachloroethane  
Concen: 49.436 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

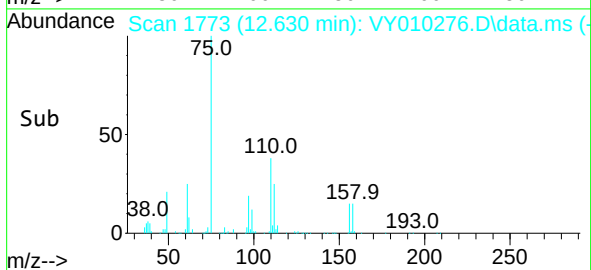
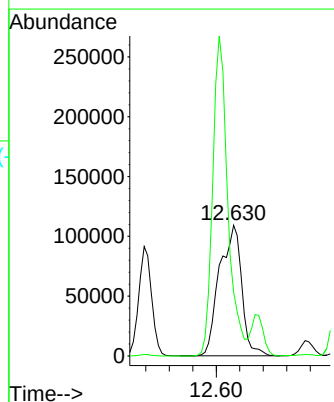
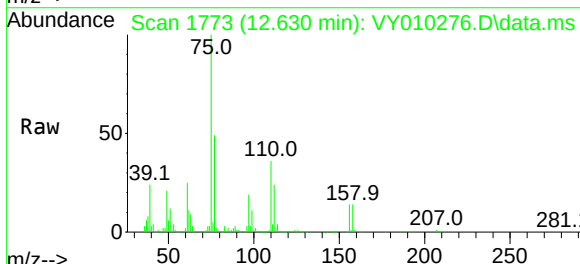
Instrument :  
MSVOA\_Y  
ClientSampleId :

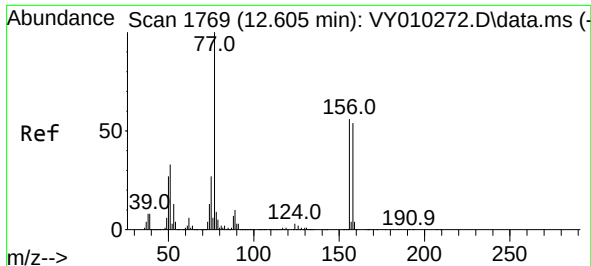
Tgt Ion: 83 Resp: 211406  
Ion Ratio Lower Upper  
83 100  
131 10.4 5.6 16.8  
85 64.2 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 86.514 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Tgt Ion: 75 Resp: 287144  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

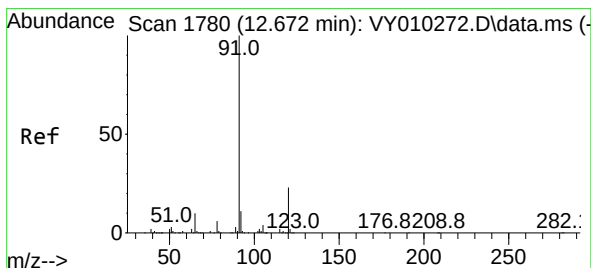
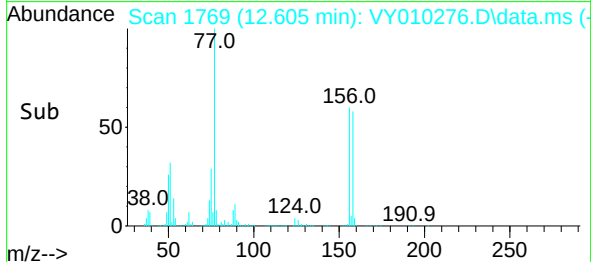
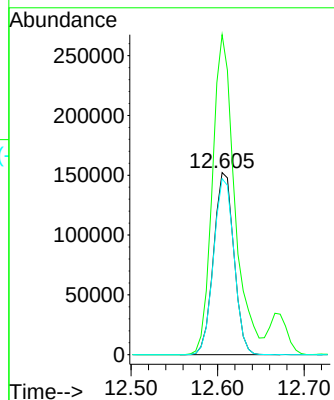
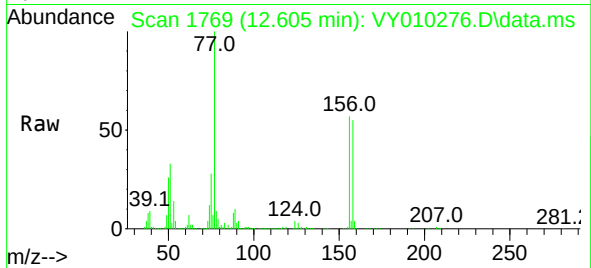




#77  
Bromobenzene  
Concen: 49.007 ug/l  
RT: 12.605 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

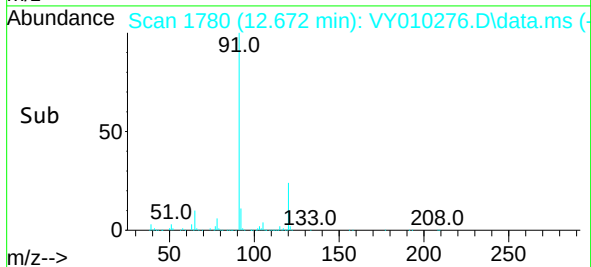
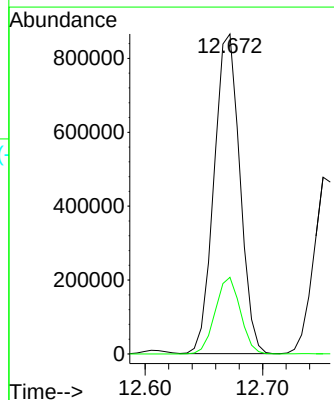
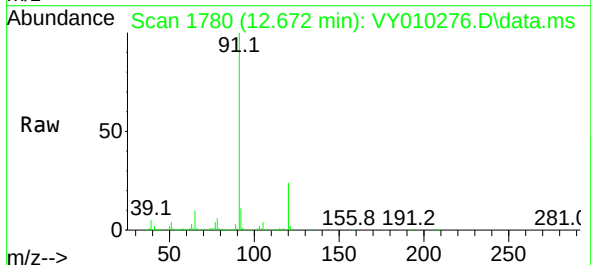
Instrument :  
MSVOA\_Y  
ClientSampleId :

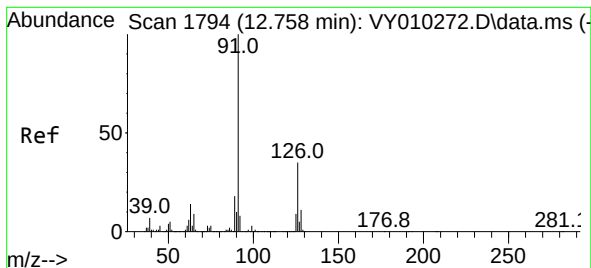
Tgt Ion:156 Resp: 248068  
Ion Ratio Lower Upper  
156 100  
77 192.2 95.5 286.4  
158 97.5 48.0 144.0



#78  
n-propylbenzene  
Concen: 49.478 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Tgt Ion: 91 Resp: 1321609  
Ion Ratio Lower Upper  
91 100  
120 23.3 11.3 33.9





#79

2-Chlorotoluene

Concen: 49.647 ug/l

RT: 12.751 min Scan# 1793

Delta R.T. -0.007 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

Instrument :

MSVOA\_Y

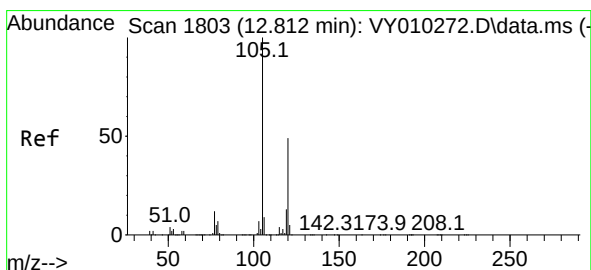
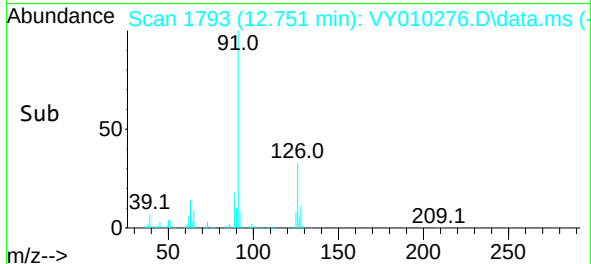
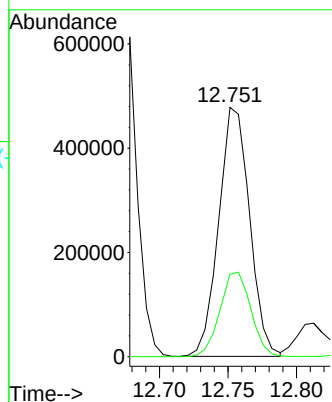
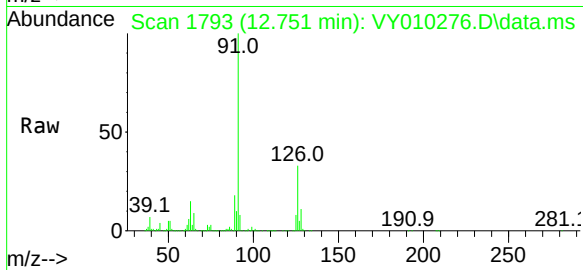
ClientSampleId :

Tgt Ion: 91 Resp: 749538

Ion Ratio Lower Upper

91 100

126 34.0 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 49.591 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY010276.D

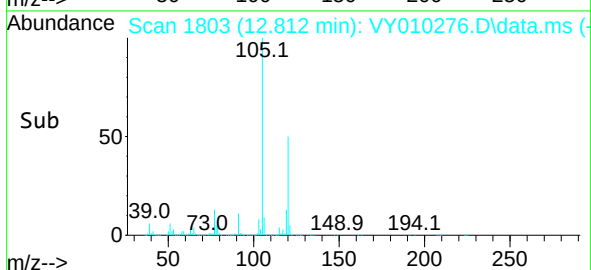
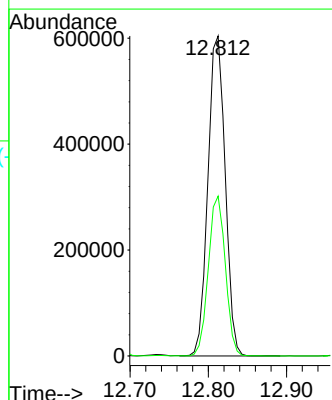
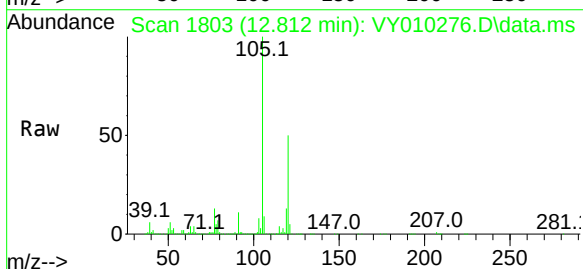
Acq: 02 Sep 2022 13:06

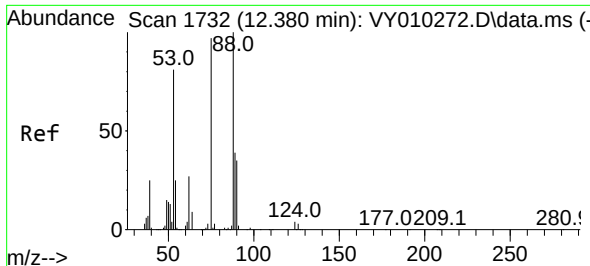
Tgt Ion: 105 Resp: 924521

Ion Ratio Lower Upper

105 100

120 49.2 24.4 73.4

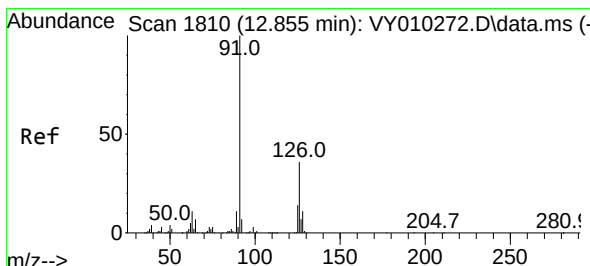
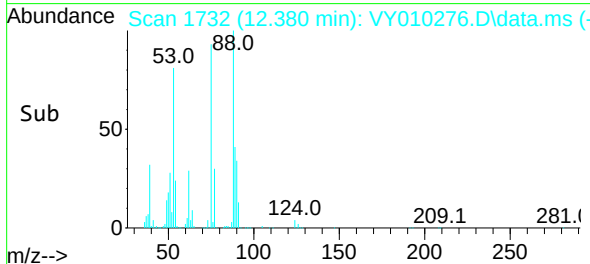
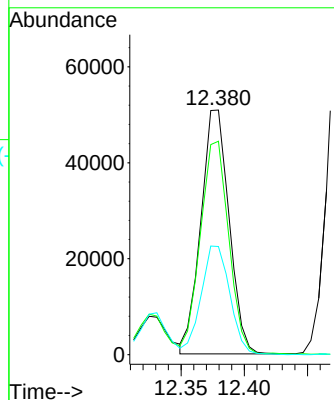
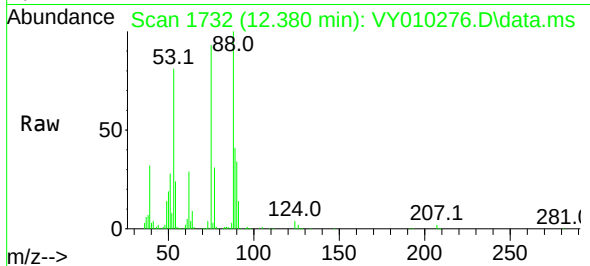




#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.714 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

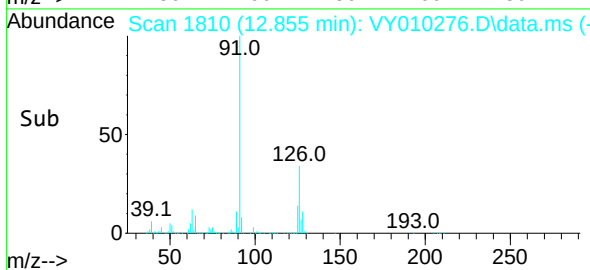
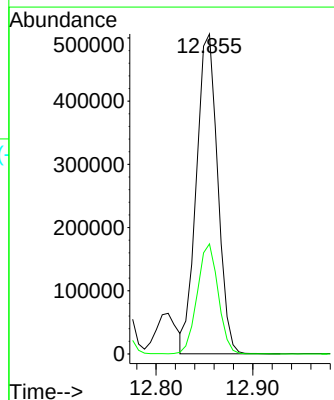
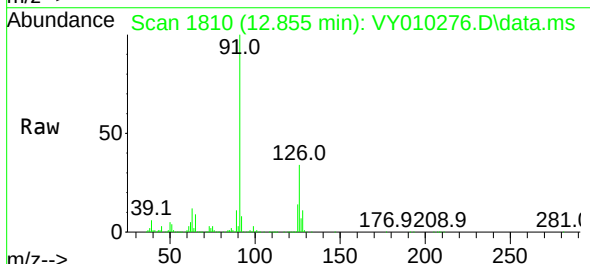
Instrument :  
MSVOA\_Y  
ClientSampleId :

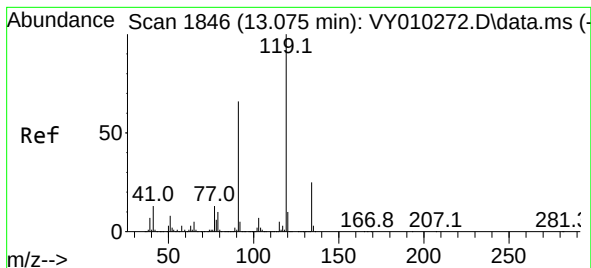
Tgt Ion: 75 Resp: 79096  
Ion Ratio Lower Upper  
75 100  
53 87.9 85.3 127.9  
89 45.5 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 49.724 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Tgt Ion: 91 Resp: 772967  
Ion Ratio Lower Upper  
91 100  
126 34.0 17.0 51.0

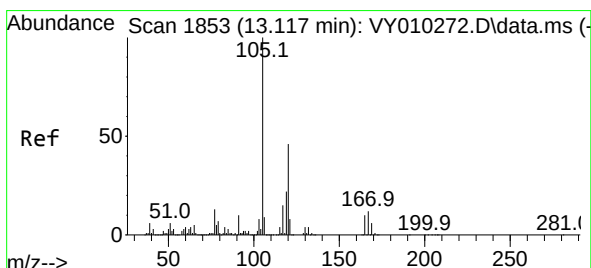
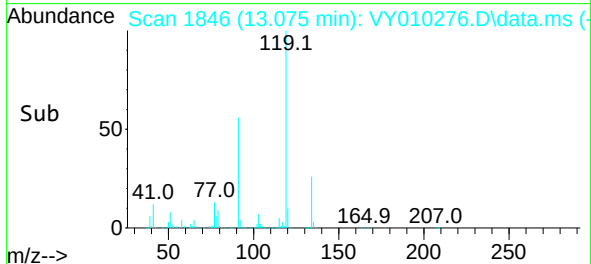
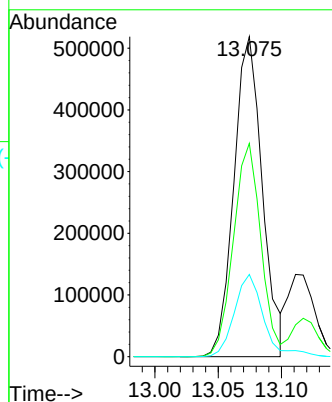
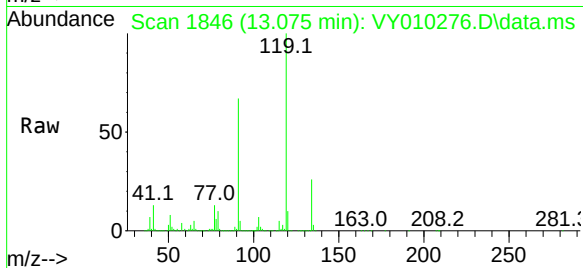




#83  
 tert-Butylbenzene  
 Concen: 50.121 ug/l  
 RT: 13.075 min Scan# 1846  
 Delta R.T. -0.000 min  
 Lab File: VY010276.D  
 Acq: 02 Sep 2022 13:06

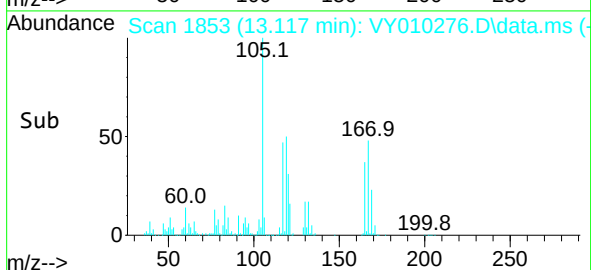
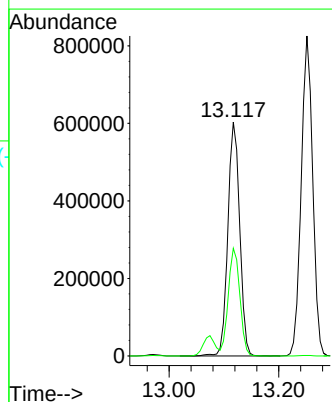
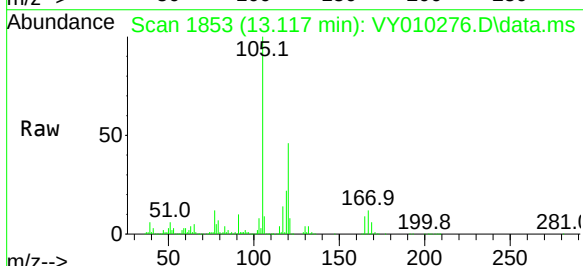
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

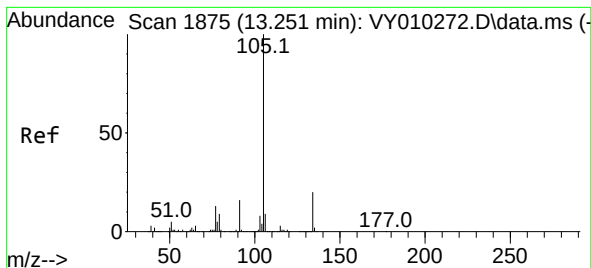
Tgt Ion:119 Resp: 811812  
 Ion Ratio Lower Upper  
 119 100  
 91 64.2 34.8 104.4  
 134 26.4 13.3 39.9



#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.618 ug/l  
 RT: 13.117 min Scan# 1853  
 Delta R.T. 0.000 min  
 Lab File: VY010276.D  
 Acq: 02 Sep 2022 13:06

Tgt Ion:105 Resp: 908398  
 Ion Ratio Lower Upper  
 105 100  
 120 45.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 49.956 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

Instrument :

MSVOA\_Y

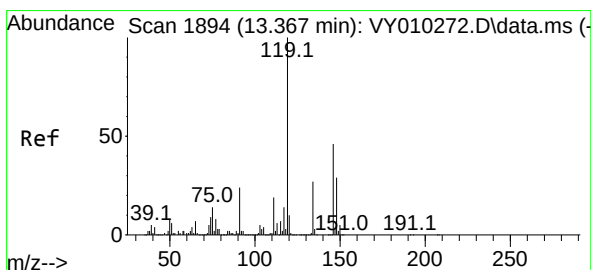
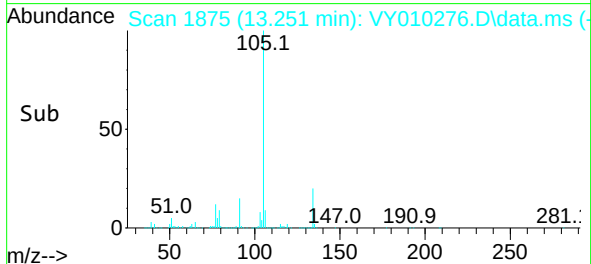
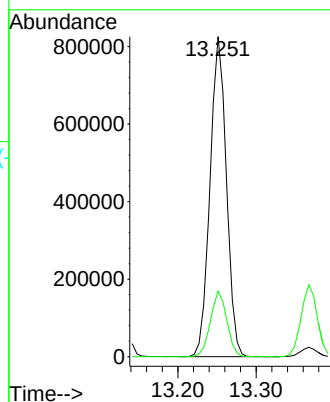
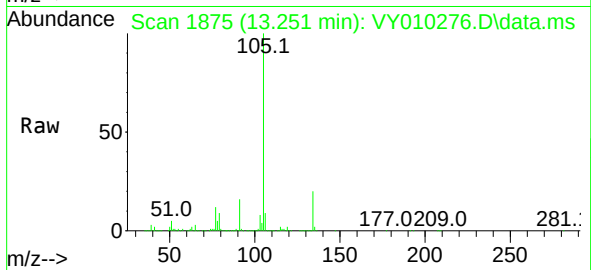
ClientSampleId :

Tgt Ion:105 Resp: 1196588

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 49.940 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

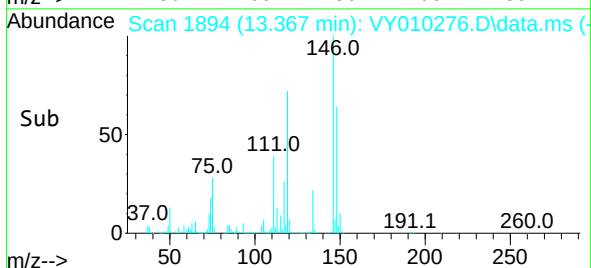
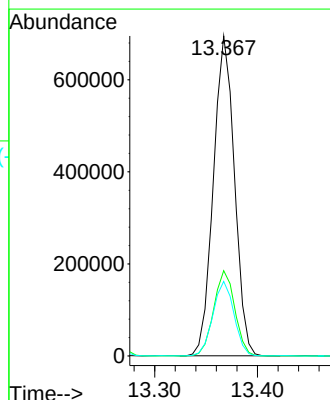
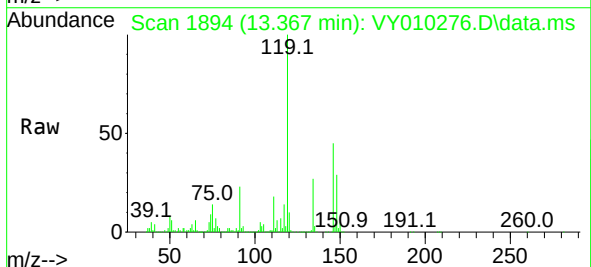
Tgt Ion:119 Resp: 988080

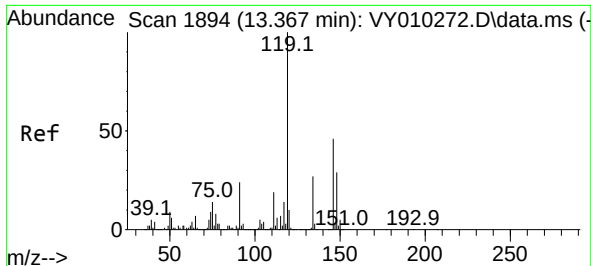
Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.5

91 23.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 50.062 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

Instrument :

MSVOA\_Y

ClientSampleId :

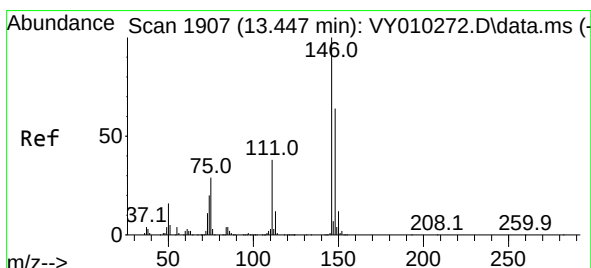
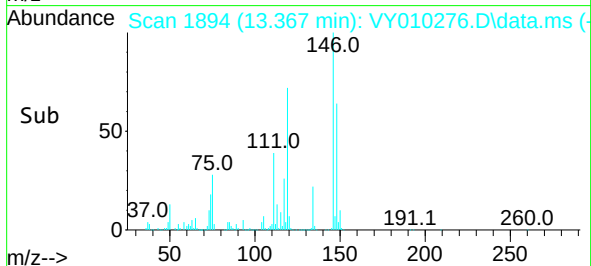
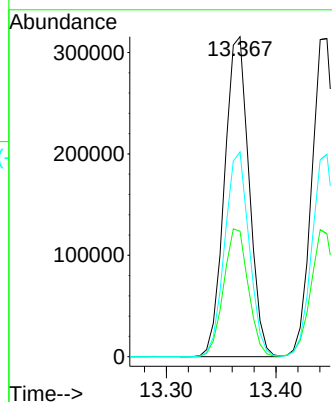
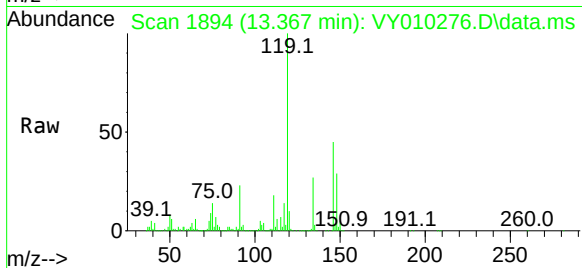
Tgt Ion:146 Resp: 492049

Ion Ratio Lower Upper

146 100

111 40.0 19.5 58.5

148 63.4 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 49.938 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

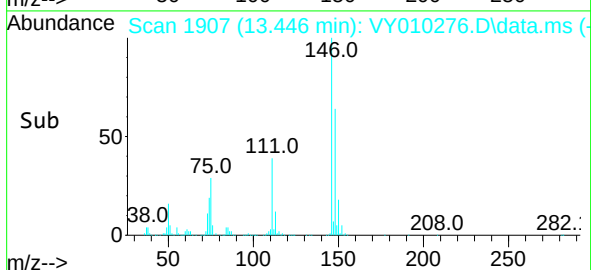
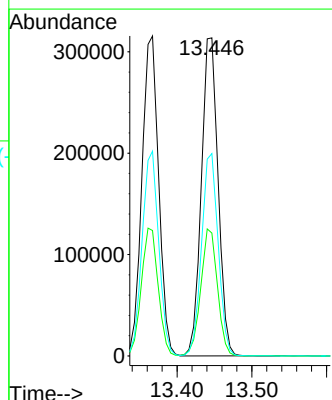
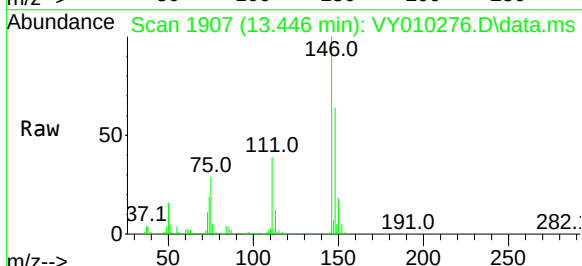
Tgt Ion:146 Resp: 488000

Ion Ratio Lower Upper

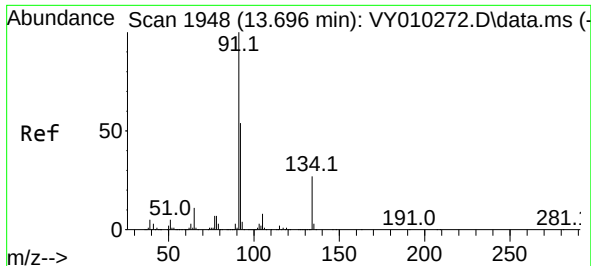
146 100

111 39.6 19.3 57.8

148 63.3 32.6 97.8



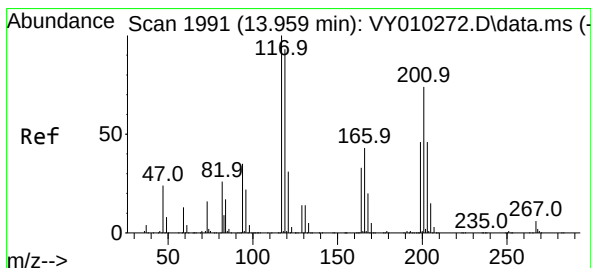
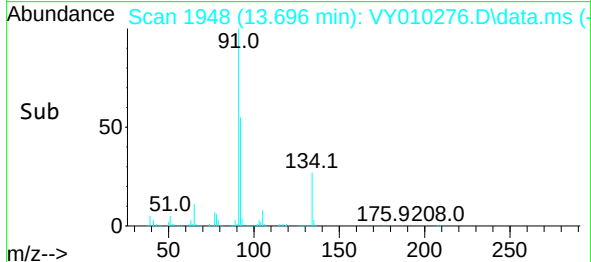
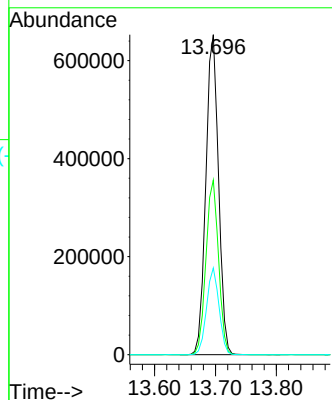
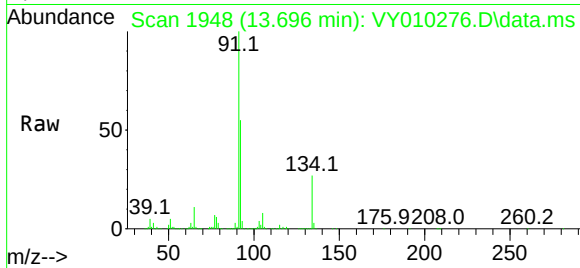




#89  
n-Butylbenzene  
Concen: 50.421 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

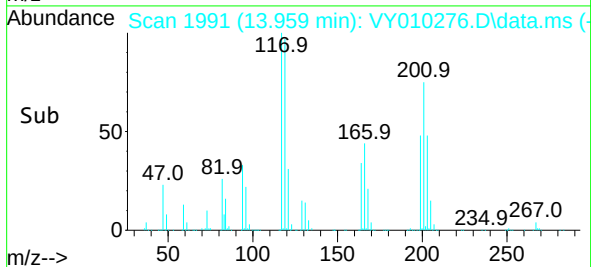
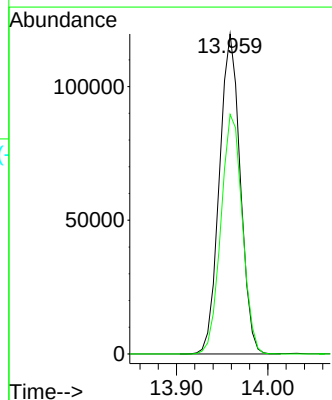
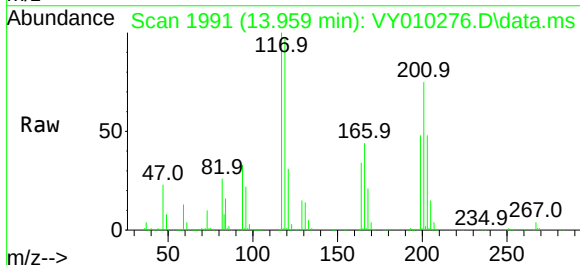
Instrument :  
MSVOA\_Y  
ClientSampleId :

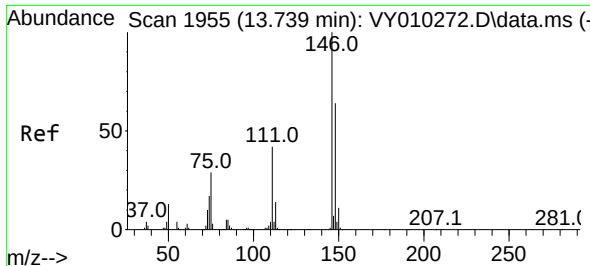
Tgt Ion: 91 Resp: 943045  
Ion Ratio Lower Upper  
91 100  
92 54.3 26.3 78.9  
134 26.6 13.0 38.9



#90  
Hexachloroethane  
Concen: 49.966 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Tgt Ion: 117 Resp: 189760  
Ion Ratio Lower Upper  
117 100  
201 76.8 43.0 128.8

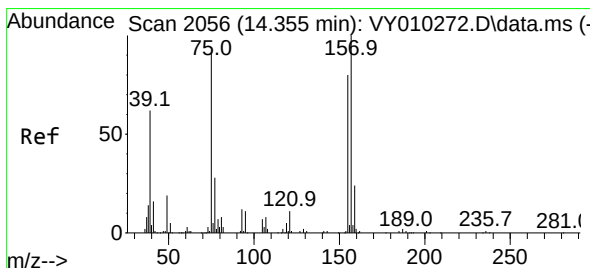
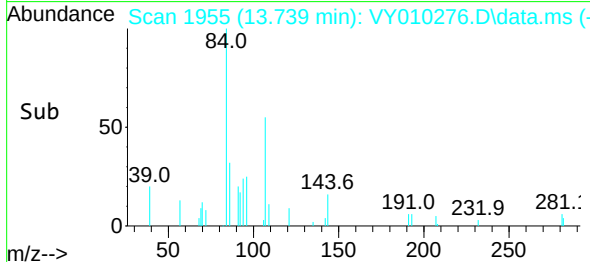
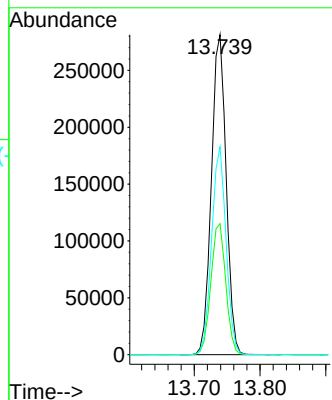
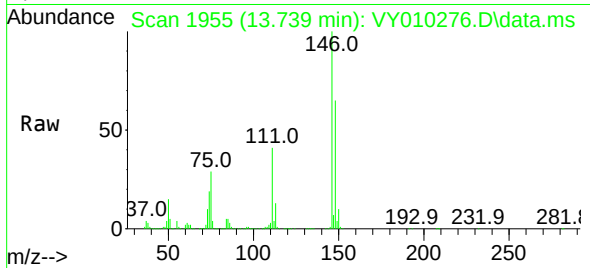




#91  
1,2-Dichlorobenzene  
Concen: 50.214 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

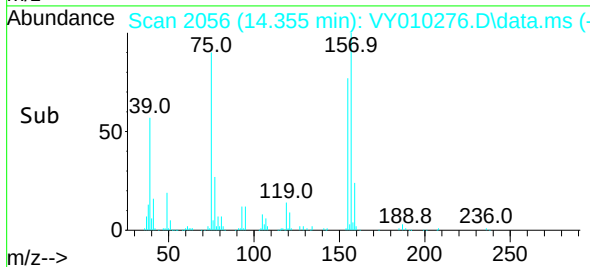
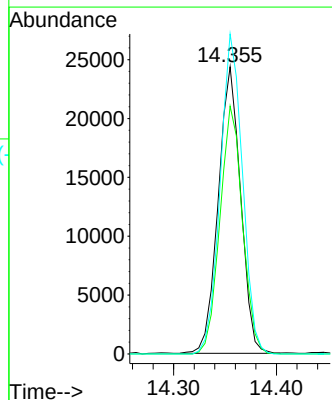
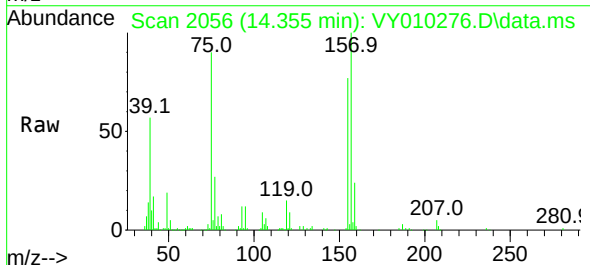
Instrument :  
MSVOA\_Y  
ClientSampleId :

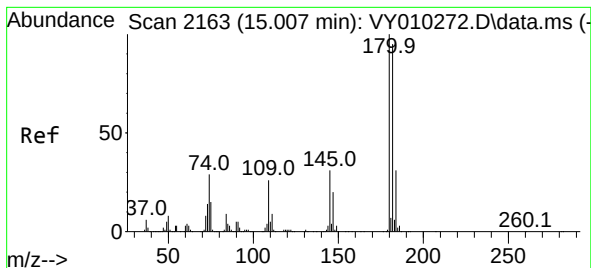
Tgt Ion:146 Resp: 439869  
Ion Ratio Lower Upper  
146 100  
111 41.3 20.3 60.9  
148 63.6 32.3 96.9



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 48.687 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY010276.D  
Acq: 02 Sep 2022 13:06

Tgt Ion: 75 Resp: 36688  
Ion Ratio Lower Upper  
75 100  
155 87.0 38.0 113.9  
157 111.3 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 51.404 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

Instrument :

MSVOA\_Y

ClientSampleId :

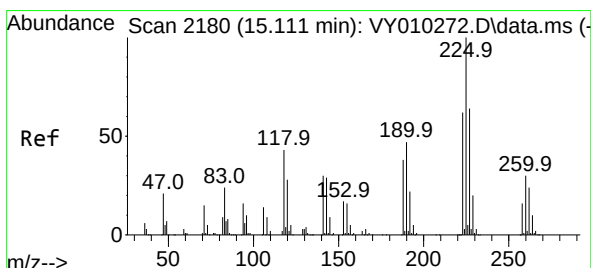
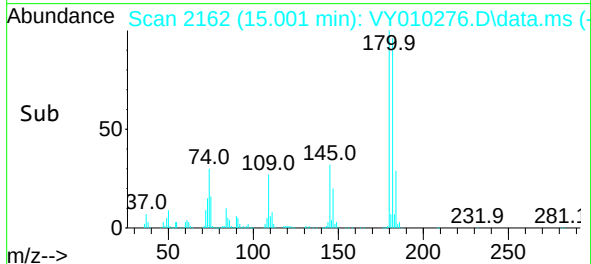
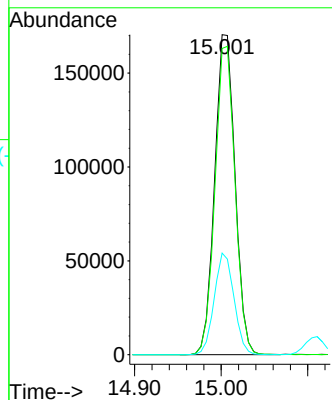
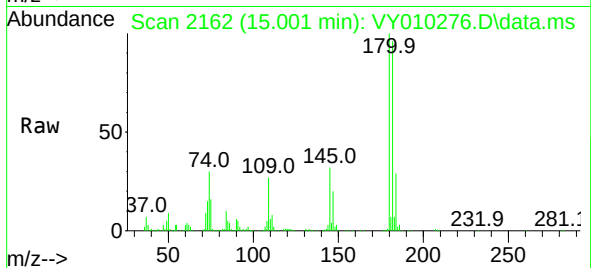
Tgt Ion:180 Resp: 278717

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.9

145 30.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 50.320 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

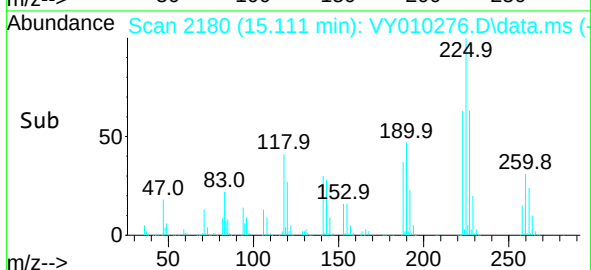
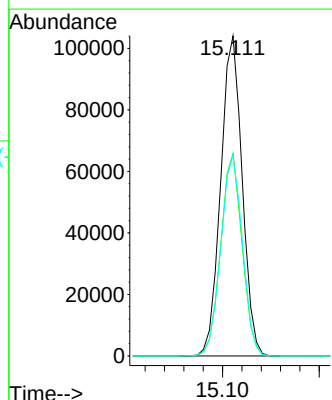
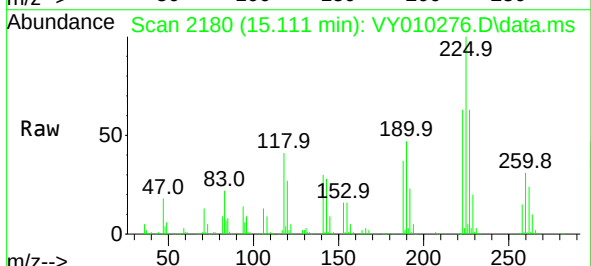
Tgt Ion:225 Resp: 159916

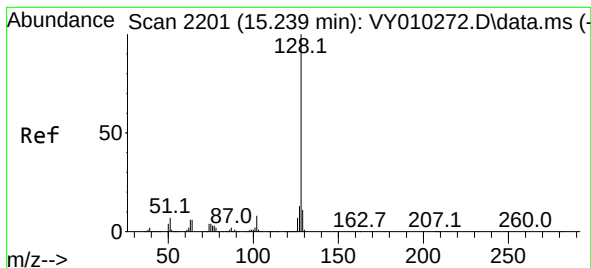
Ion Ratio Lower Upper

225 100

223 63.0 30.8 92.3

227 63.2 31.6 94.7





#95

Naphthalene

Concen: 52.026 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

Instrument :

MSVOA\_Y

ClientSampleId :

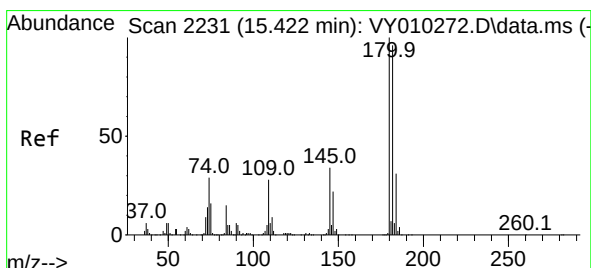
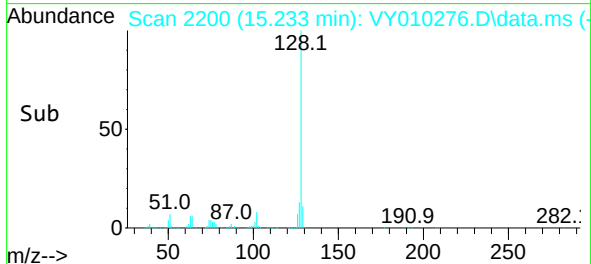
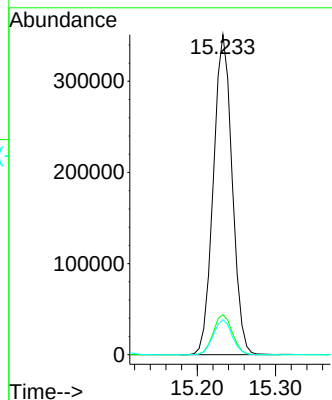
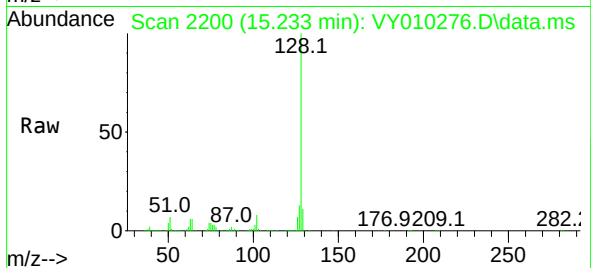
Tgt Ion:128 Resp: 585318

Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 51.944 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010276.D

Acq: 02 Sep 2022 13:06

Tgt Ion:180 Resp: 238541

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.9

145 32.9 15.3 45.9

