

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW111721\  
 Data File : VW020910.D  
 Acq On : 17 Nov 2021 16:57  
 Operator : SY/VA  
 Sample : VSTDICCC050  
 Misc : 5.00g/5.0mL/MSVOA\_W/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Nov 18 04:24:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W111721S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 18 04:21:42 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.945  | 168   | 77728    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.841  | 114   | 114297   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.628 | 117   | 106521   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.554 | 152   | 57528    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.305  | 65    | 38423    | 45.083   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 90.160%  |
| 35) Dibromofluoromethane     | 7.884  | 113   | 38094    | 50.486   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 100.980% |
| 50) Toluene-d8               | 10.323 | 98    | 139337   | 48.611   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 97.220%  |
| 62) 4-Bromofluorobenzene     | 12.615 | 95    | 51696    | 49.268   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 98.540%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.007  | 85    | 8727     | 43.646   | ug/l   | 100      |
| 3) Chloromethane             | 2.209  | 50    | 23058    | 45.524   | ug/l   | 100      |
| 4) Vinyl Chloride            | 2.355  | 62    | 42783    | 61.833   | ug/l   | 100      |
| 5) Bromomethane              | 2.763  | 94    | 27685    | 65.349   | ug/l   | 100      |
| 6) Chloroethane              | 2.910  | 64    | 16852    | 55.576   | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 3.251  | 101   | 17503    | 38.632   | ug/l   | 100      |
| 8) Diethyl Ether             | 3.678  | 74    | 17676    | 47.659   | ug/l   | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 4.056  | 101   | 35045    | 45.609   | ug/l   | 100      |
| 10) Methyl Iodide            | 4.269  | 142   | 54801    | 55.851   | ug/l   | 100      |
| 11) Tert butyl alcohol       | 5.178  | 59    | 15478    | 289.338  | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 4.037  | 96    | 33980    | 47.395   | ug/l   | 100      |
| 13) Acrolein                 | 3.891  | 56    | 2511     | 61.403   | ug/l   | 100      |
| 14) Allyl chloride           | 4.665  | 41    | 49524    | 43.742   | ug/l   | 100      |
| 15) Acrylonitrile            | 5.366  | 53    | 39637    | 216.184  | ug/l   | 100      |
| 16) Acetone                  | 4.123  | 43    | 40706    | 205.812  | ug/l   | 100      |
| 17) Carbon Disulfide         | 4.379  | 76    | 97662    | 47.170   | ug/l   | 100      |
| 18) Methyl Acetate           | 4.672  | 43    | 27154    | 43.294   | ug/l   | 100      |
| 19) Methyl tert-butyl Ether  | 5.427  | 73    | 60868    | 49.695   | ug/l   | 100      |
| 20) Methylene Chloride       | 4.909  | 84    | 38383    | 36.471   | ug/l   | 100      |
| 21) trans-1,2-Dichloroethene | 5.421  | 96    | 39551    | 49.165   | ug/l   | 100      |
| 22) Diisopropyl ether        | 6.311  | 45    | 102554   | 45.903   | ug/l   | 100      |
| 23) Vinyl Acetate            | 6.250  | 43    | 302130   | 233.187  | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 6.214  | 63    | 65572    | 45.637   | ug/l   | 100      |
| 25) 2-Butanone               | 7.171  | 43    | 56511    | 225.298  | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 7.165  | 77    | 43318    | 45.938   | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.171  | 96    | 43753    | 50.693   | ug/l   | 100      |
| 28) Bromochloromethane       | 7.512  | 49    | 28057    | 47.114   | ug/l   | 100      |
| 29) Tetrahydrofuran          | 7.537  | 42    | 34265    | 223.293  | ug/l   | 100      |
| 30) Chloroform               | 7.677  | 83    | 71449    | 47.180   | ug/l   | 100      |
| 31) Cyclohexane              | 7.957  | 56    | 58213    | 40.734   | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane    | 7.872  | 97    | 59884    | 46.893   | ug/l   | 100      |
| 36) 1,1-Dichloropropene      | 8.086  | 75    | 53533    | 44.382   | ug/l   | 100      |
| 37) Ethyl Acetate            | 7.250  | 43    | 23707    | 43.525   | ug/l   | 100      |
| 38) Carbon Tetrachloride     | 8.067  | 117   | 58498    | 48.038   | ug/l   | 100      |
| 39) Methylcyclohexane        | 9.335  | 83    | 67555    | 47.592   | ug/l   | 100      |
| 40) Benzene                  | 8.323  | 78    | 149756   | 45.104   | ug/l   | 100      |

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 Sample : VSTDICCC050  
 Misc : 5.00g/5.0mL/MSVOA\_W/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Nov 18 04:24:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W111721S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 18 04:21:42 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.482  | 41   | 14837    | 46.791   | ug/l   | 100      |
| 42) 1,2-Dichloroethane        | 8.396  | 62   | 47012    | 44.255   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.421  | 43   | 49331    | 47.915   | ug/l   | 100      |
| 44) Trichloroethene           | 9.091  | 130  | 44866    | 48.996   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.366  | 63   | 35958    | 45.322   | ug/l   | 100      |
| 46) Dibromomethane            | 9.457  | 93   | 22560    | 49.877   | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.646  | 83   | 53871    | 48.412   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.433  | 41   | 21494    | 43.949   | ug/l   | 100      |
| 49) 1,4-Dioxane               | 9.451  | 88   | 6721     | 1120.282 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone      | 10.207 | 43   | 123134   | 223.938  | ug/l   | 100      |
| 52) Toluene                   | 10.384 | 92   | 99660    | 47.569   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.603 | 75   | 54441    | 48.451   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.073 | 75   | 60858    | 47.763   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 10.786 | 97   | 30447    | 48.602   | ug/l   | 100      |
| 56) Ethyl methacrylate        | 10.646 | 69   | 39357    | 49.661   | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 10.933 | 76   | 50961    | 47.230   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.921  | 63   | 91293    | 251.473  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.969 | 43   | 88929    | 229.733  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.128 | 129  | 39096    | 52.162   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.231 | 107  | 31491    | 51.495   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.859 | 164  | 41409    | 49.715   | ug/l   | 100      |
| 65) Chlorobenzene             | 11.652 | 112  | 111885   | 48.732   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.725 | 131  | 41786    | 50.089   | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.731 | 91   | 193382   | 47.137   | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.835 | 106  | 156265   | 97.747   | ug/l   | 100      |
| 69) o-Xylene                  | 12.164 | 106  | 74695    | 50.374   | ug/l   | 100      |
| 70) Styrene                   | 12.182 | 104  | 127152   | 50.351   | ug/l   | 100      |
| 71) Bromoform                 | 12.347 | 173  | 24238    | 50.010   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.463 | 105  | 193678   | 47.377   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.268 | 43   | 48239    | 49.262   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 34554    | 45.677   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.768 | 75   | 45344    | 73.764   | ug/l # | 100      |
| 77) Bromobenzene              | 12.743 | 156  | 47942    | 48.728   | ug/l   | 100      |
| 78) n-propylbenzene           | 12.804 | 91   | 229398   | 45.969   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.890 | 91   | 134232   | 46.534   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 171319   | 48.350   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.512 | 75   | 11293    | 47.125   | ug/l   | 100      |
| 82) 4-Chlorotoluene           | 12.987 | 91   | 141564   | 46.583   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.200 | 119  | 149790   | 48.940   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 170554   | 48.539   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.377 | 105  | 217896   | 47.596   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.493 | 119  | 188528   | 48.245   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.499 | 146  | 96660    | 47.713   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.578 | 146  | 100429   | 49.077   | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.822 | 91   | 174545   | 48.192   | ug/l   | 100      |
| 90) Hexachloroethane          | 14.091 | 117  | 34964    | 50.381   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.865 | 146  | 83611    | 46.421   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.481 | 75   | 6384     | 46.942   | ug/l   | 100      |
| 93) 1,2,4-Trichlorobenzene    | 15.133 | 180  | 62510    | 51.315   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.231 | 225  | 36013    | 46.652   | ug/l   | 100      |
| 95) Naphthalene               | 15.365 | 128  | 117981   | 54.759   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 56565    | 51.492   | ug/l   | 100      |

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Sample : VSTDICCC050  
Misc : 5.00g/5.0mL/MSVOA\_W/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

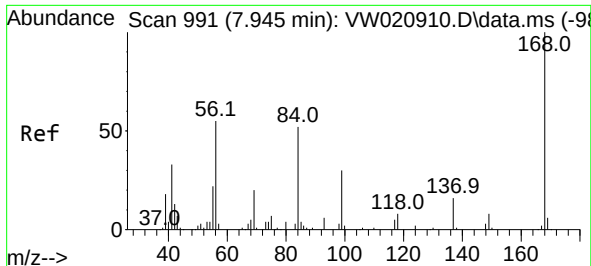
Quant Time: Nov 18 04:24:19 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W111721S.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 18 04:21:42 2021  
Response via : Initial Calibration

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

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

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Quant Title : SW846 8260  
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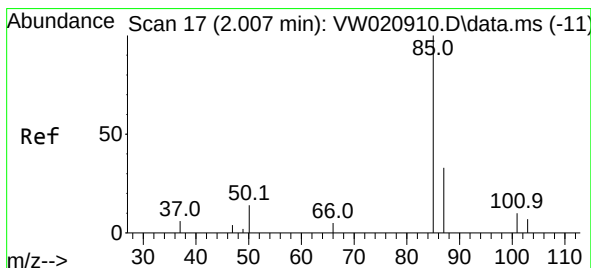
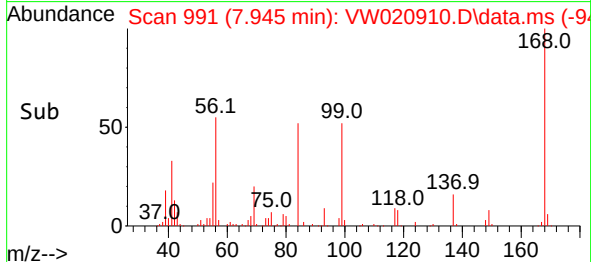
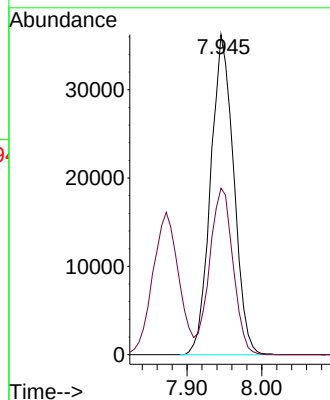
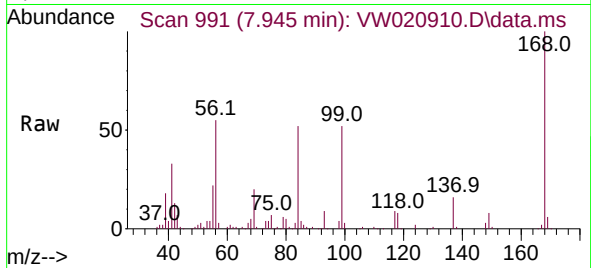




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.945 min Scan# 99  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

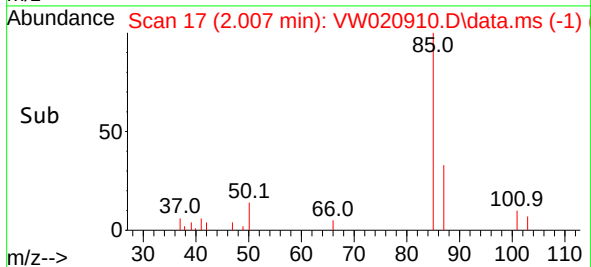
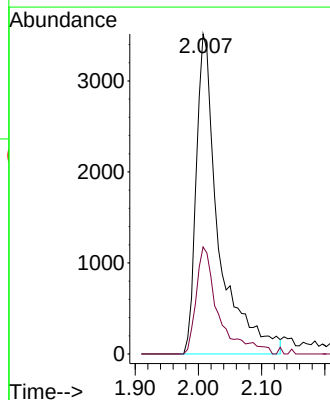
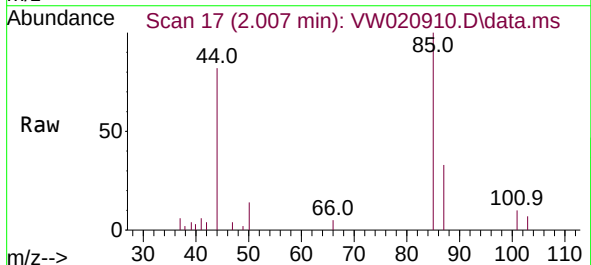
Instrument :  
MSVOA\_W  
ClientSampleId :

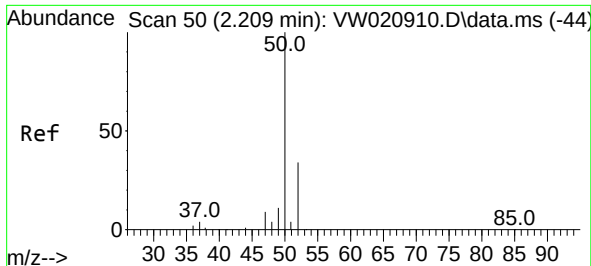
Tgt Ion:168 Resp: 77728  
Ion Ratio Lower Upper  
168 100  
99 52.0 41.6 62.4



#2  
Dichlorodifluoromethane  
Concen: 43.646 ug/l  
RT: 2.007 min Scan# 17  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion: 85 Resp: 8727  
Ion Ratio Lower Upper  
85 100  
87 33.5 16.8 50.3

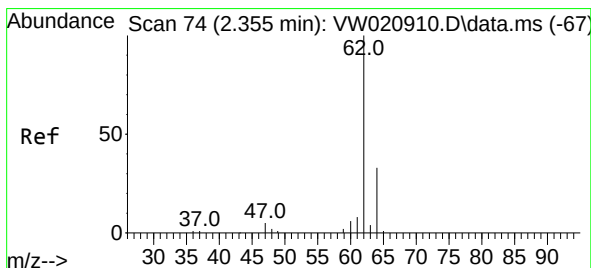
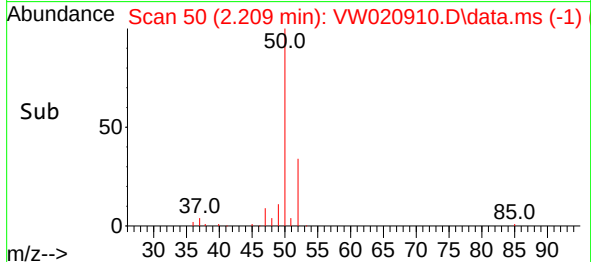
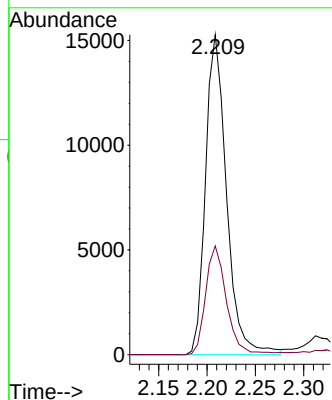
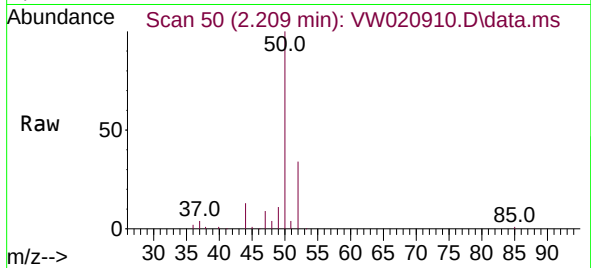




#3  
Chloromethane  
Concen: 45.524 ug/l  
RT: 2.209 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

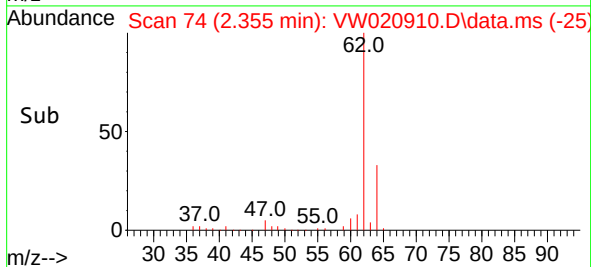
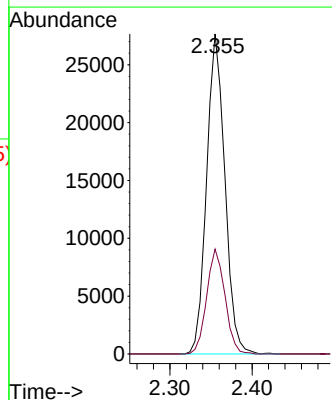
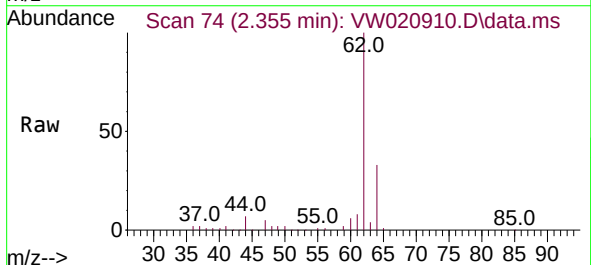
Instrument :  
MSVOA\_W  
ClientSampleId :

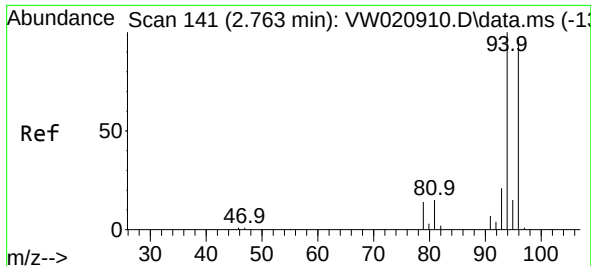
Tgt Ion: 50 Resp: 23058  
Ion Ratio Lower Upper  
50 100  
52 34.0 27.2 40.8



#4  
Vinyl Chloride  
Concen: 61.833 ug/l  
RT: 2.355 min Scan# 74  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion: 62 Resp: 42783  
Ion Ratio Lower Upper  
62 100  
64 32.8 26.2 39.4

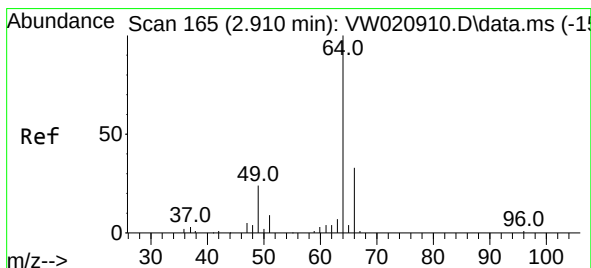
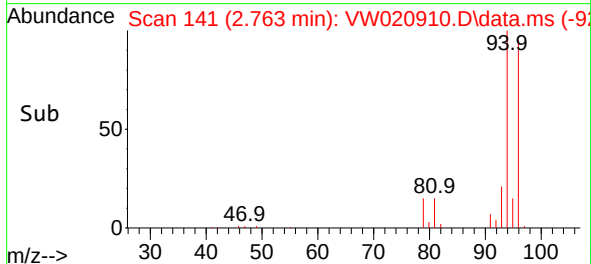
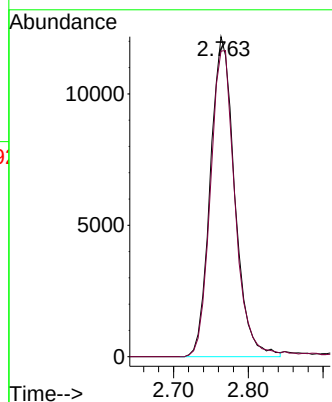
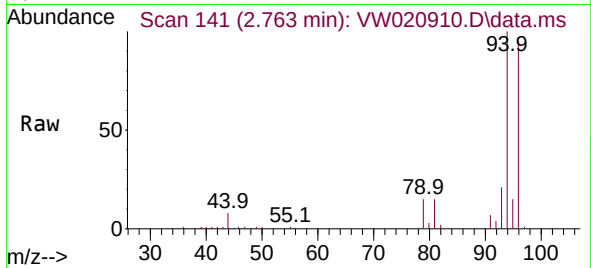




#5  
Bromomethane  
Concen: 65.349 ug/l  
RT: 2.763 min Scan# 141  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

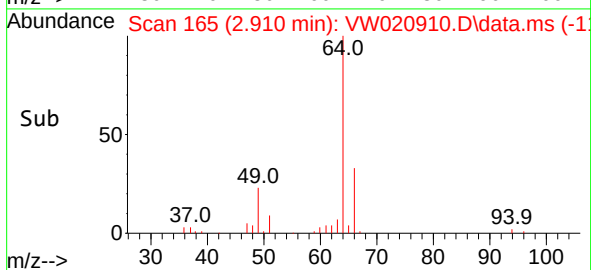
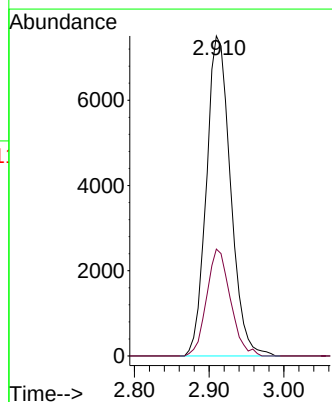
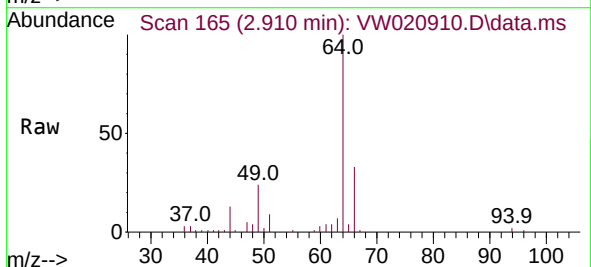
Instrument :  
MSVOA\_W  
ClientSampleId :

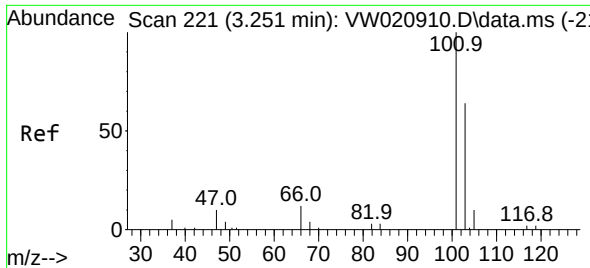
Tgt Ion: 94 Resp: 27685  
Ion Ratio Lower Upper  
94 100  
96 95.5 76.4 114.6



#6  
Chloroethane  
Concen: 55.576 ug/l  
RT: 2.910 min Scan# 165  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion: 64 Resp: 16852  
Ion Ratio Lower Upper  
64 100  
66 33.4 26.7 40.1

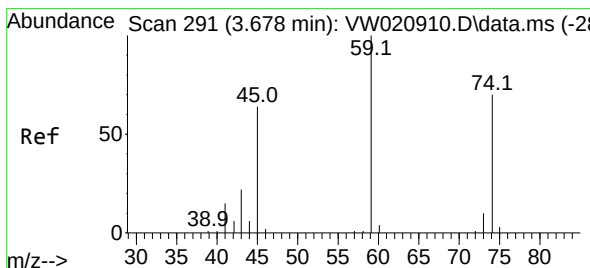
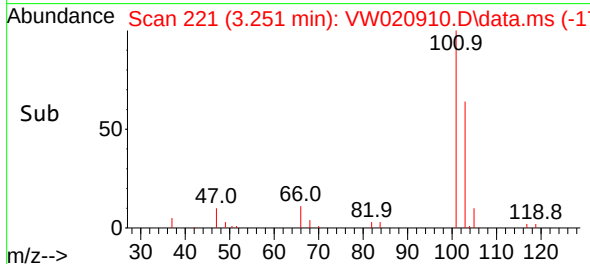
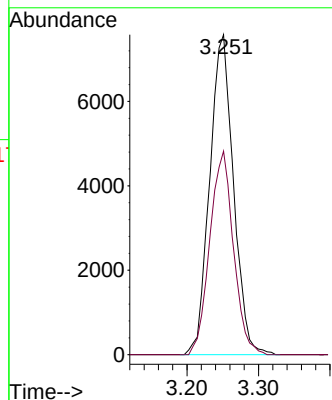
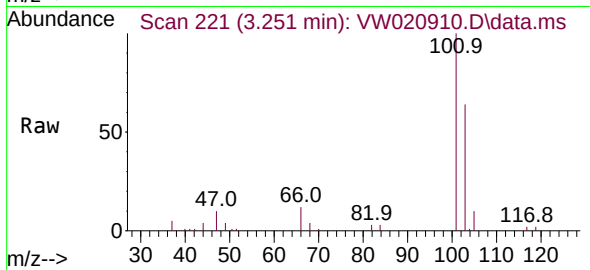




#7  
 Trichlorofluoromethane  
 Concen: 38.632 ug/l  
 RT: 3.251 min Scan# 211  
 Delta R.T. 0.000 min  
 Lab File: VW020910.D  
 Acq: 17 Nov 2021 16:57

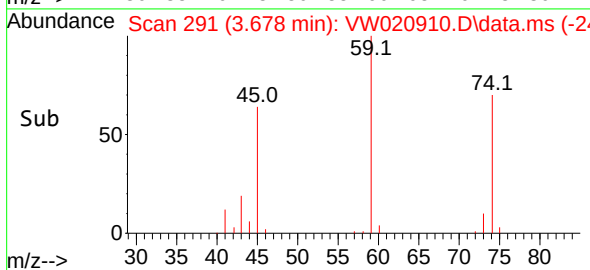
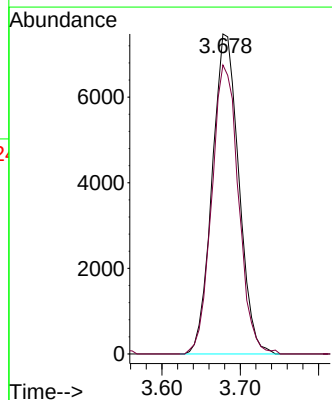
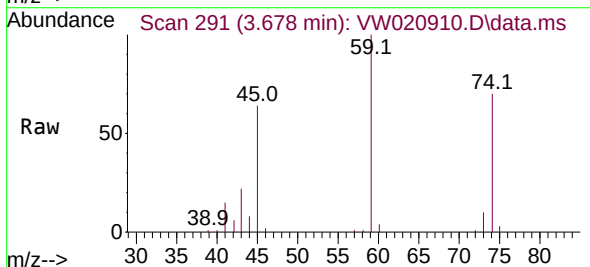
Instrument :  
 MSVOA\_W  
 ClientSampleId :

Tgt Ion:101 Resp: 17503  
 Ion Ratio Lower Upper  
 101 100  
 103 63.6 50.9 76.3

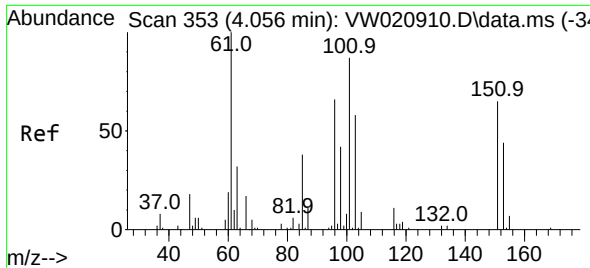


#8  
 Diethyl Ether  
 Concen: 47.659 ug/l  
 RT: 3.678 min Scan# 291  
 Delta R.T. 0.000 min  
 Lab File: VW020910.D  
 Acq: 17 Nov 2021 16:57

Tgt Ion: 74 Resp: 17676  
 Ion Ratio Lower Upper  
 74 100  
 45 90.5 45.3 135.8



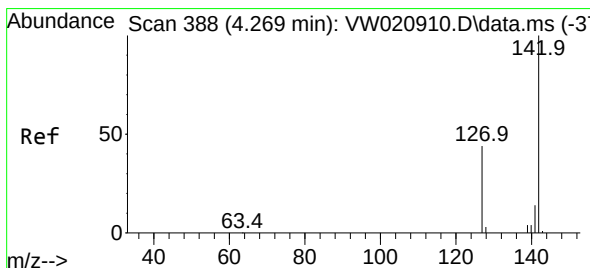
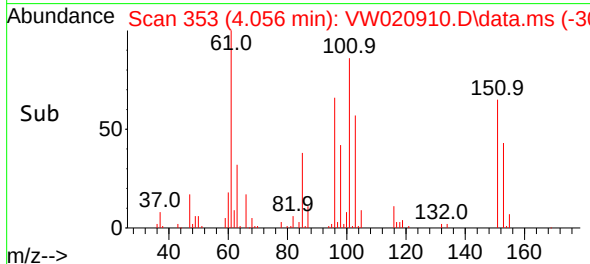
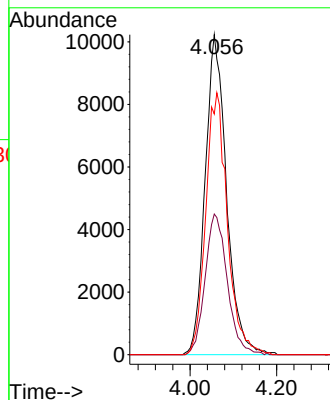
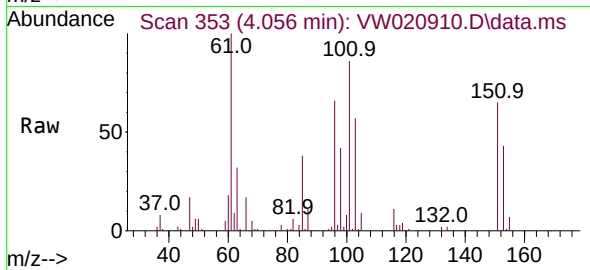




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 45.609 ug/l  
RT: 4.056 min Scan# 353  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

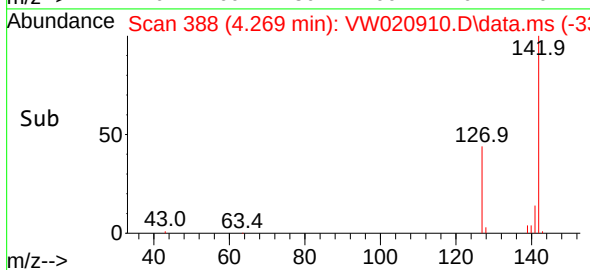
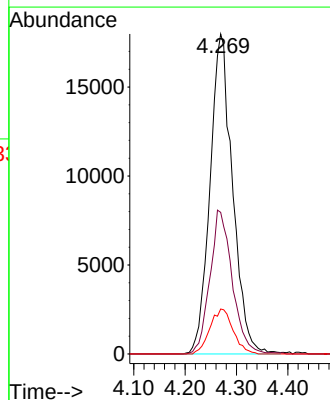
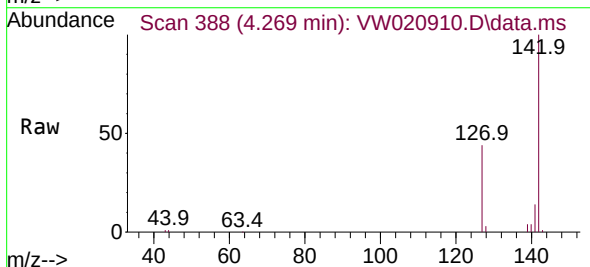
Instrument :  
MSVOA\_W  
ClientSampleId :

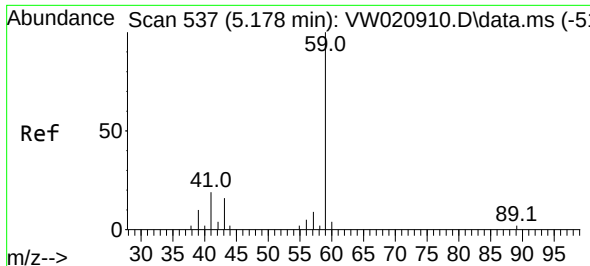
Tgt Ion:101 Resp: 35045  
Ion Ratio Lower Upper  
101 100  
85 45.7 36.6 54.8  
151 82.9 66.3 99.5



#10  
Methyl Iodide  
Concen: 55.851 ug/l  
RT: 4.269 min Scan# 388  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion:142 Resp: 54801  
Ion Ratio Lower Upper  
142 100  
127 44.4 35.5 53.3  
141 14.4 11.5 17.3

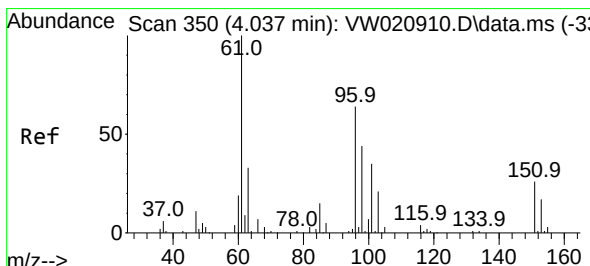
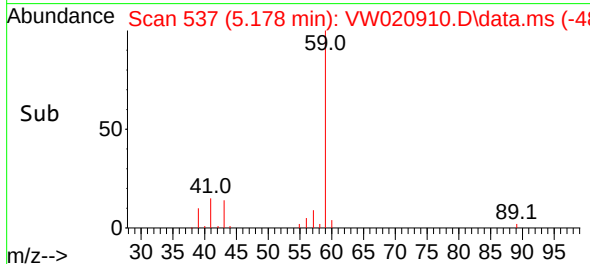
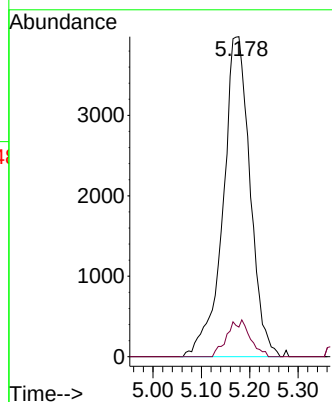
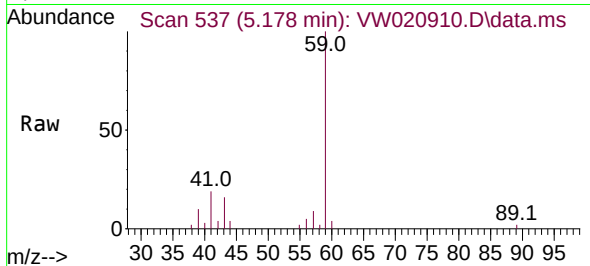




#11  
Tert butyl alcohol  
Concen: 289.338 ug/l  
RT: 5.178 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

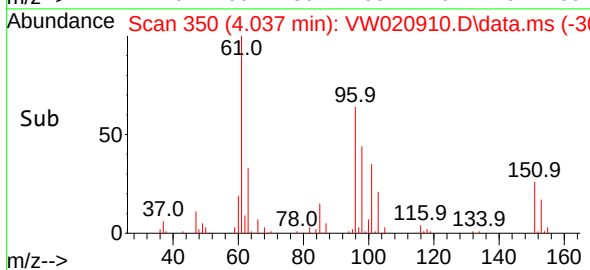
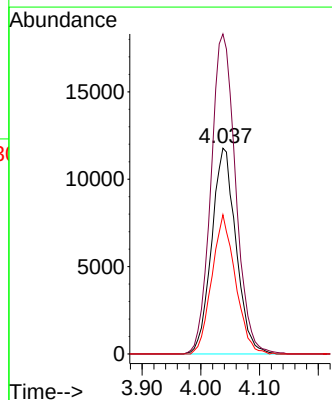
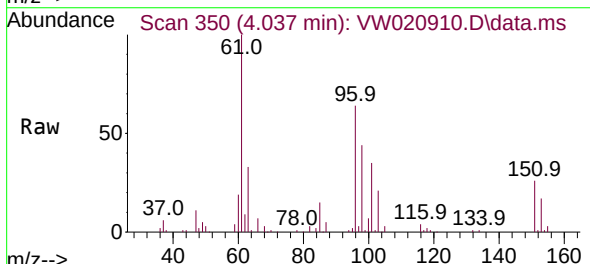
Instrument :  
MSVOA\_W  
ClientSampleId :

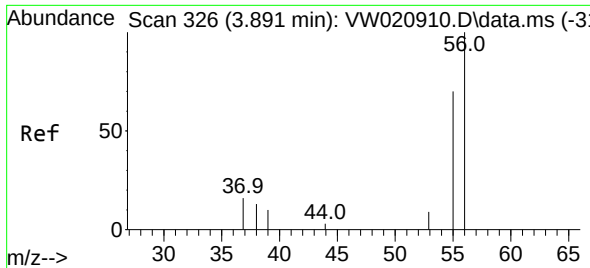
Tgt Ion: 59 Resp: 15478  
Ion Ratio Lower Upper  
59 100  
57 5.4 4.3 6.5



#12  
1,1-Dichloroethene  
Concen: 47.395 ug/l  
RT: 4.037 min Scan# 350  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion: 96 Resp: 33980  
Ion Ratio Lower Upper  
96 100  
61 155.5 124.4 186.6  
98 67.7 54.2 81.2

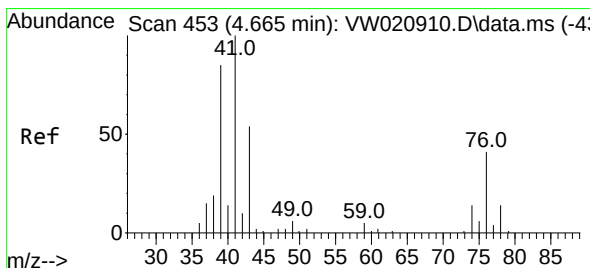
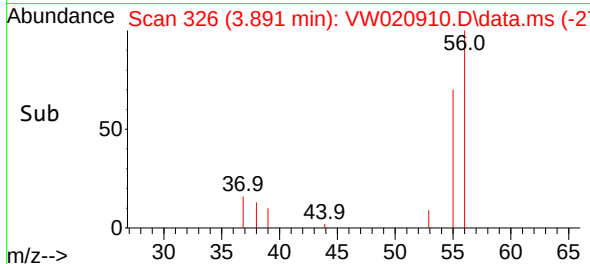
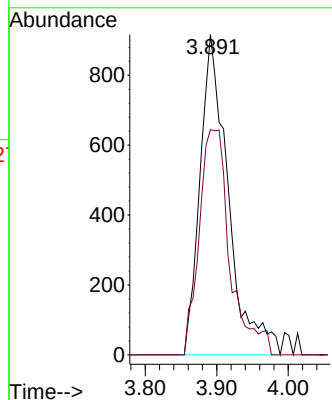
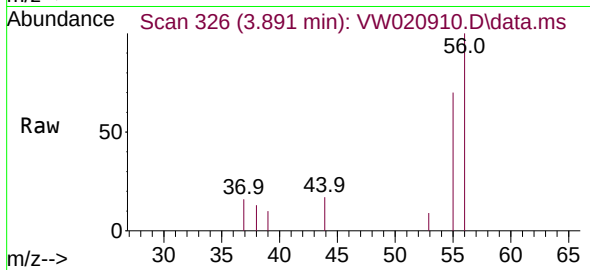




#13  
Acrolein  
Concen: 61.403 ug/l  
RT: 3.891 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

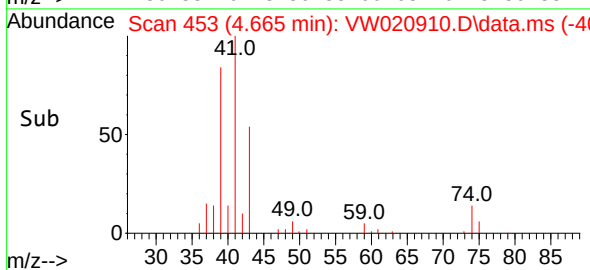
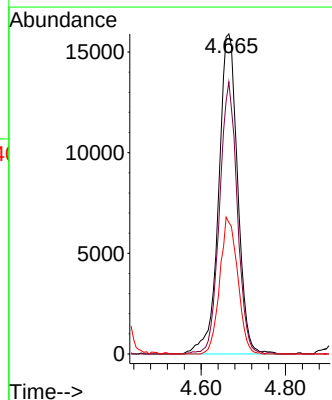
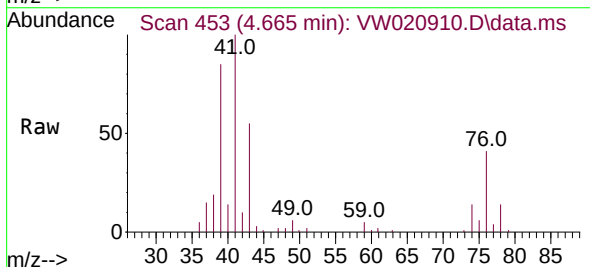
Instrument :  
MSVOA\_W  
ClientSampleId :

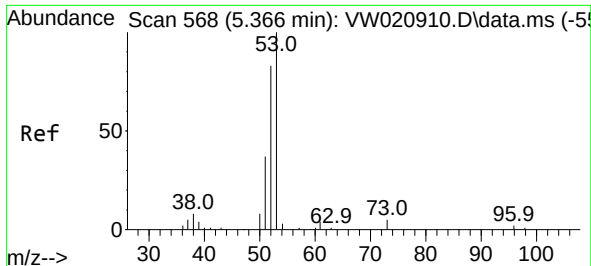
Tgt Ion: 56 Resp: 2511  
Ion Ratio Lower Upper  
56 100  
55 76.5 61.2 91.8



#14  
Allyl chloride  
Concen: 43.742 ug/l  
RT: 4.665 min Scan# 453  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

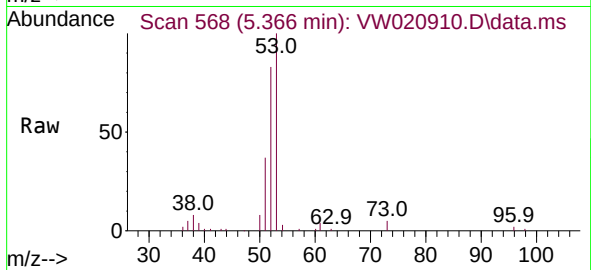
Tgt Ion: 41 Resp: 49524  
Ion Ratio Lower Upper  
41 100  
39 79.3 63.4 95.2  
76 40.3 32.2 48.4



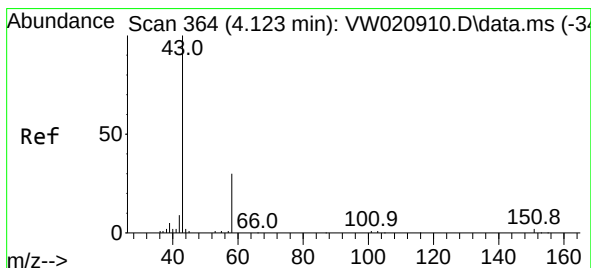
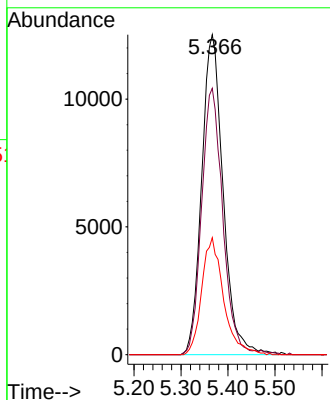
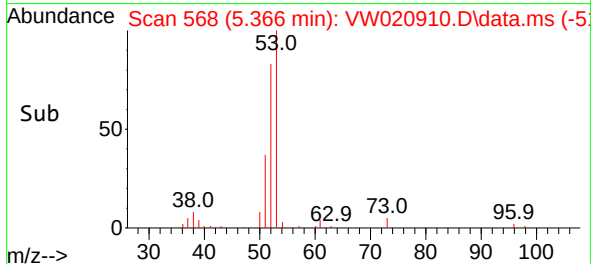


#15  
Acrylonitrile  
Concen: 216.184 ug/l  
RT: 5.366 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Instrument :  
MSVOA\_W  
ClientSampleId :

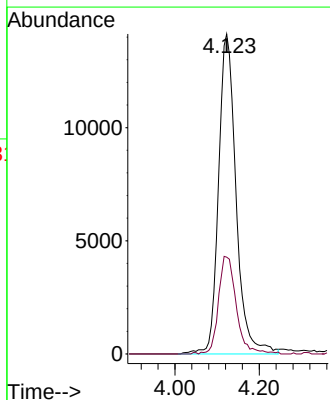
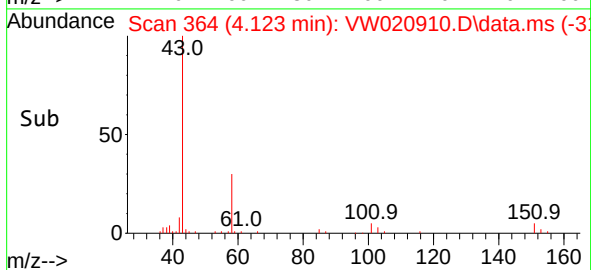
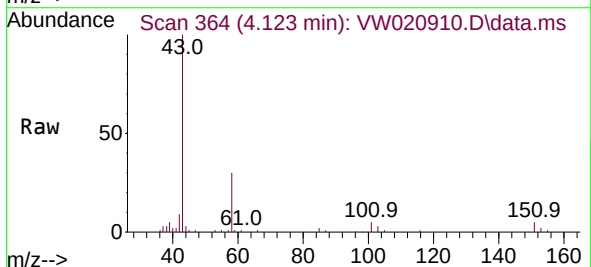


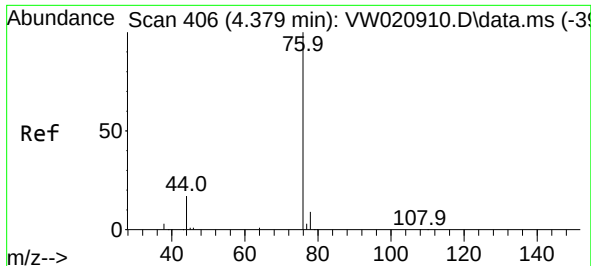
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 39637 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 82.4  | 65.9  | 98.9  |
| 51       | 37.2  | 29.8  | 44.6  |



#16  
Acetone  
Concen: 205.812 ug/l  
RT: 4.123 min Scan# 364  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 40706 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 30.2  | 24.2  | 36.2  |

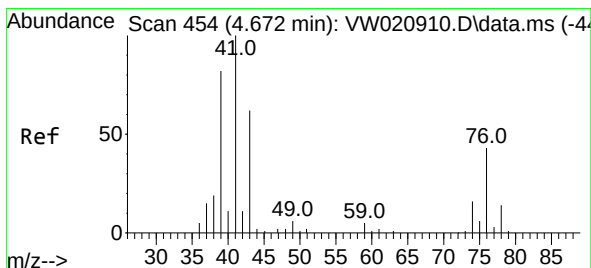
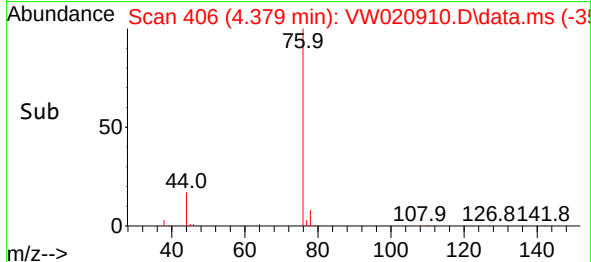
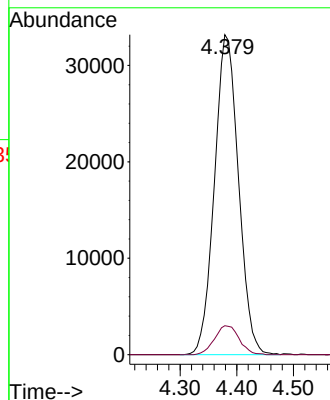
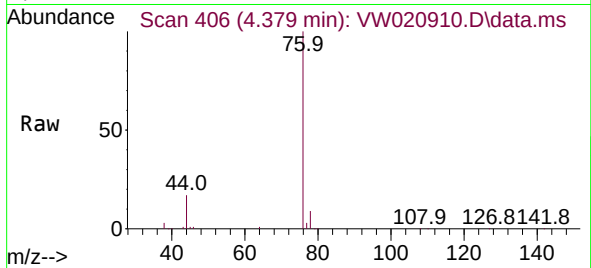




#17  
Carbon Disulfide  
Concen: 47.170 ug/l  
RT: 4.379 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

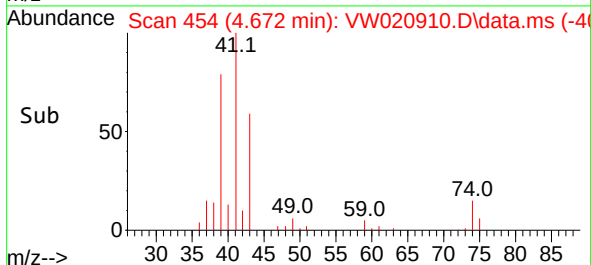
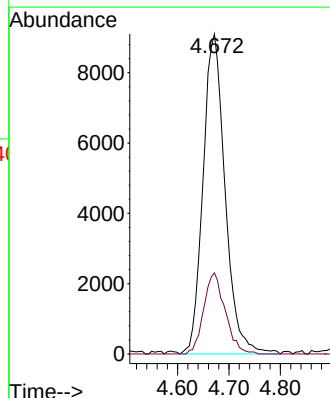
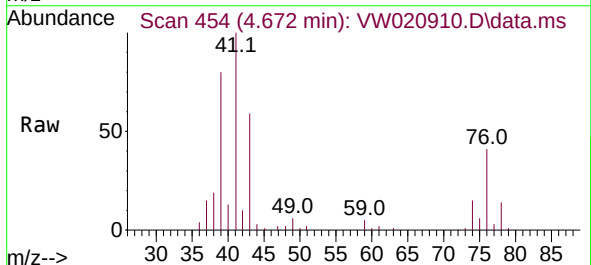
Instrument :  
MSVOA\_W  
ClientSampleId :

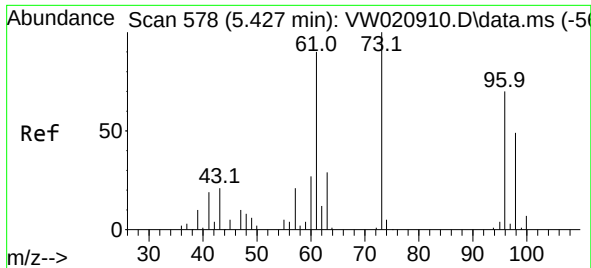
Tgt Ion: 76 Resp: 97662  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.3 10.9



#18  
Methyl Acetate  
Concen: 43.294 ug/l  
RT: 4.672 min Scan# 454  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion: 43 Resp: 27154  
Ion Ratio Lower Upper  
43 100  
74 24.6 19.7 29.5

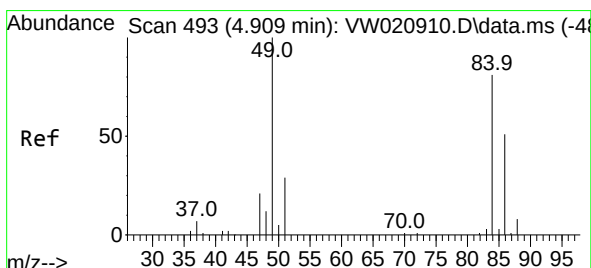
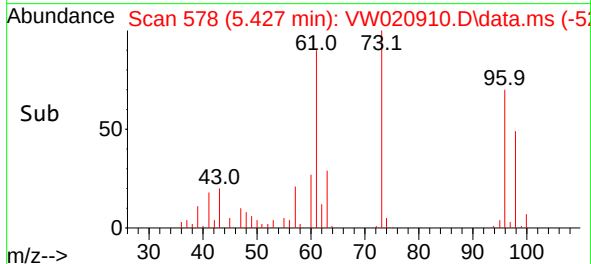
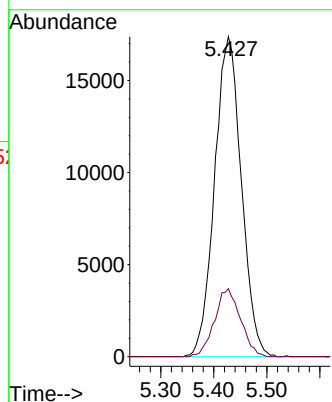
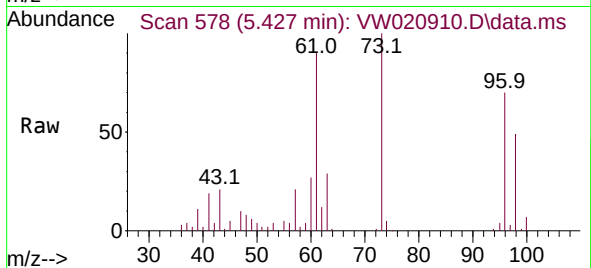




#19  
Methyl tert-butyl Ether  
Concen: 49.695 ug/l  
RT: 5.427 min Scan# 578  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

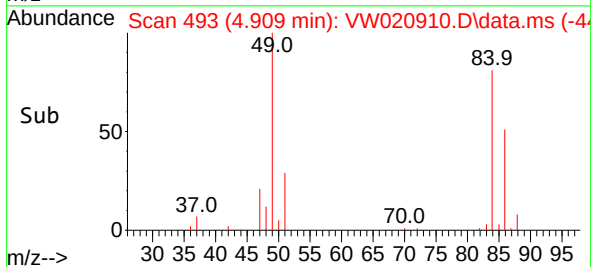
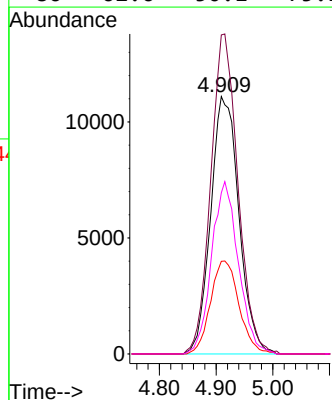
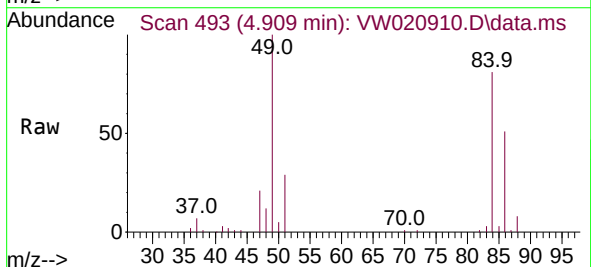
Instrument :  
MSVOA\_W  
ClientSampleId :

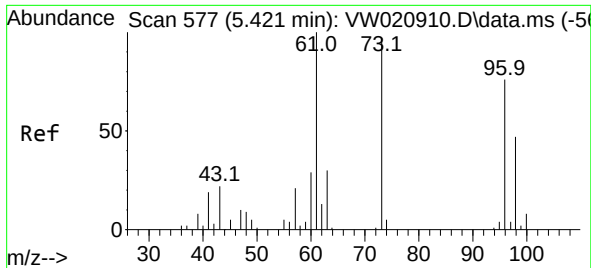
Tgt Ion: 73 Resp: 60868  
Ion Ratio Lower Upper  
73 100  
57 21.3 17.0 25.6



#20  
Methylene Chloride  
Concen: 36.471 ug/l  
RT: 4.909 min Scan# 493  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion: 84 Resp: 38383  
Ion Ratio Lower Upper  
84 100  
49 123.9 99.1 148.7  
51 36.0 28.8 43.2  
86 62.6 50.1 75.1

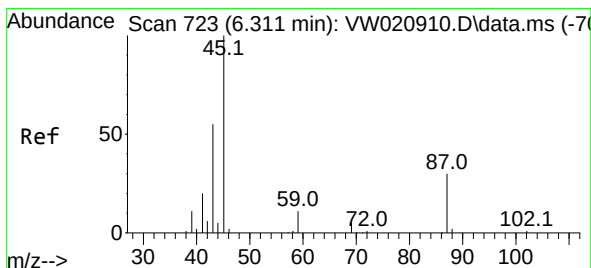
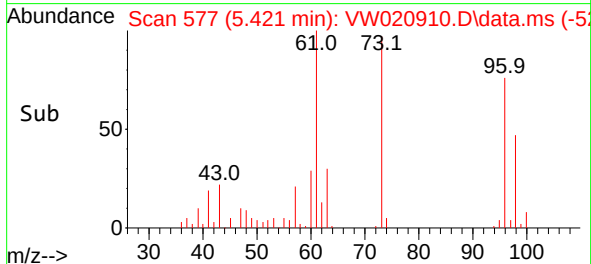
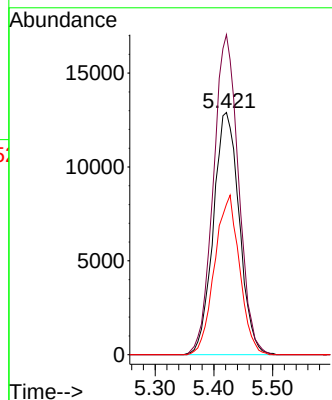
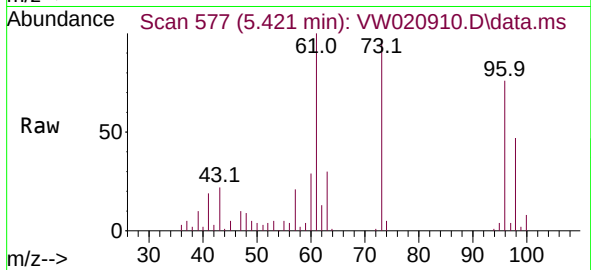




#21  
trans-1,2-Dichloroethene  
Concen: 49.165 ug/l  
RT: 5.421 min Scan# 577  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

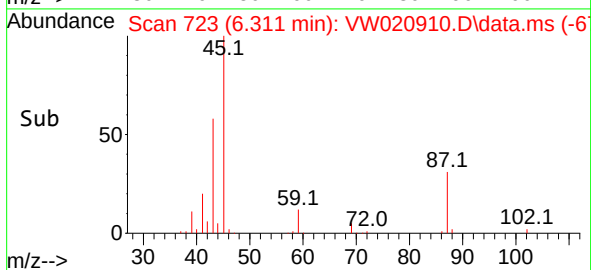
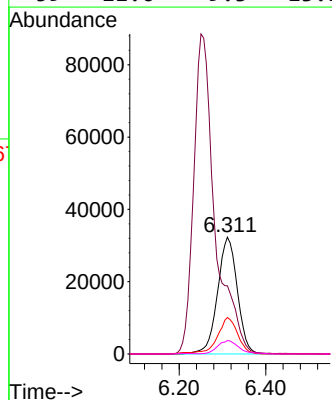
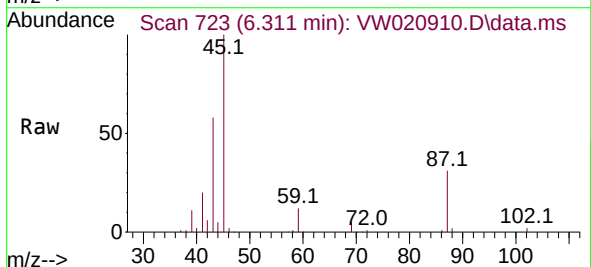
Instrument :  
MSVOA\_W  
ClientSampleId :

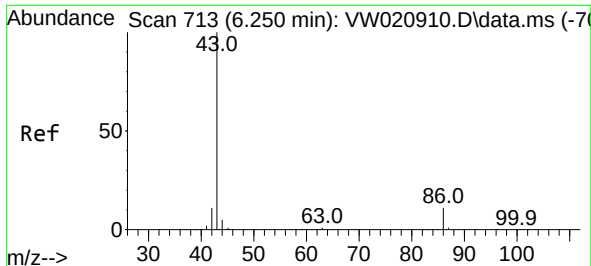
Tgt Ion: 96 Resp: 39551  
Ion Ratio Lower Upper  
96 100  
61 132.1 105.7 158.5  
98 62.1 49.7 74.5



#22  
Diisopropyl ether  
Concen: 45.903 ug/l  
RT: 6.311 min Scan# 723  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion: 45 Resp: 102554  
Ion Ratio Lower Upper  
45 100  
43 57.8 46.2 69.4  
87 31.3 25.0 37.6  
59 11.6 9.3 13.9

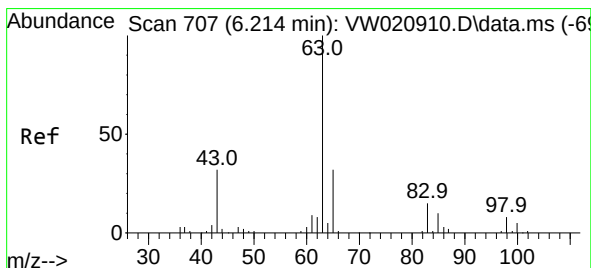
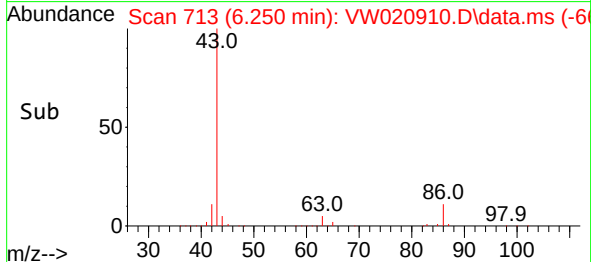
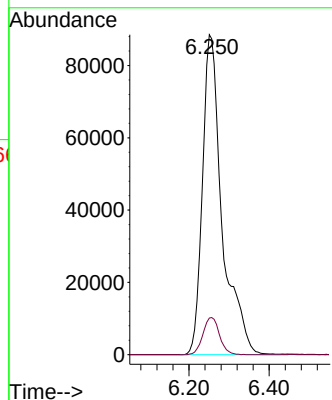
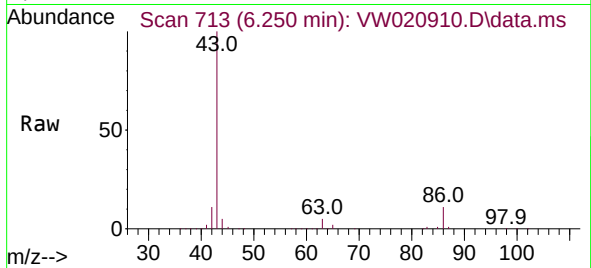




#23  
 Vinyl Acetate  
 Concen: 233.187 ug/l  
 RT: 6.250 min Scan# 713  
 Delta R.T. 0.000 min  
 Lab File: VW020910.D  
 Acq: 17 Nov 2021 16:57

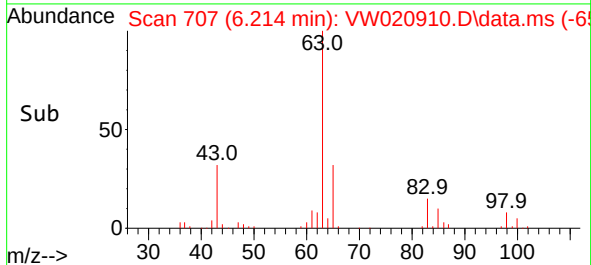
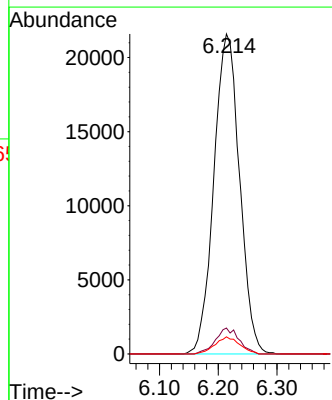
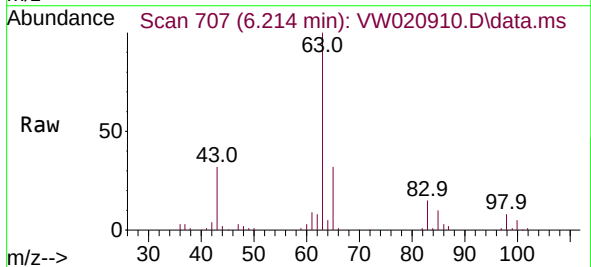
Instrument :  
 MSVOA\_W  
 ClientSampleId :

Tgt Ion: 43 Resp: 302130  
 Ion Ratio Lower Upper  
 43 100  
 86 11.5 9.2 13.8

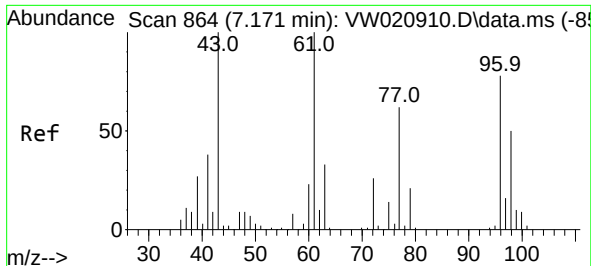


#24  
 1,1-Dichloroethane  
 Concen: 45.637 ug/l  
 RT: 6.214 min Scan# 707  
 Delta R.T. 0.000 min  
 Lab File: VW020910.D  
 Acq: 17 Nov 2021 16:57

Tgt Ion: 63 Resp: 65572  
 Ion Ratio Lower Upper  
 63 100  
 98 8.1 4.0 12.2  
 100 5.3 2.6 8.0



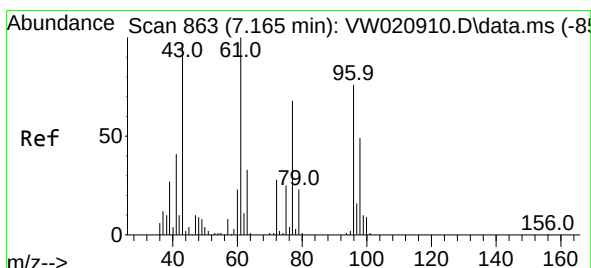
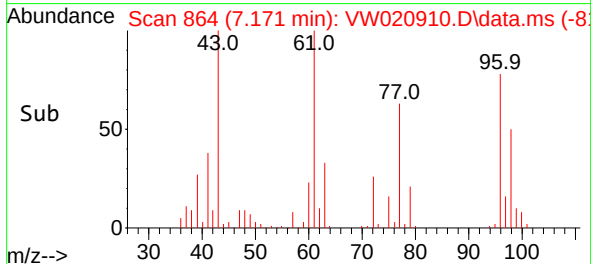
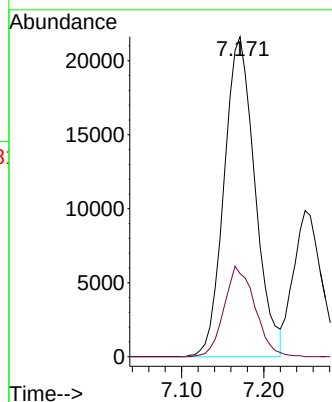
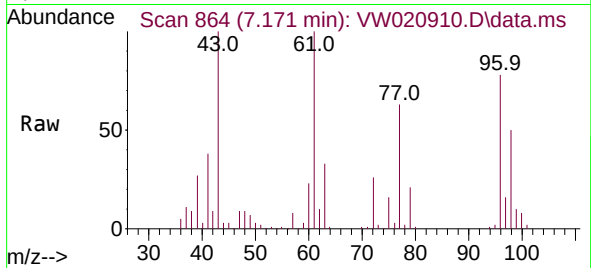




#25  
2-Butanone  
Concen: 225.298 ug/l  
RT: 7.171 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

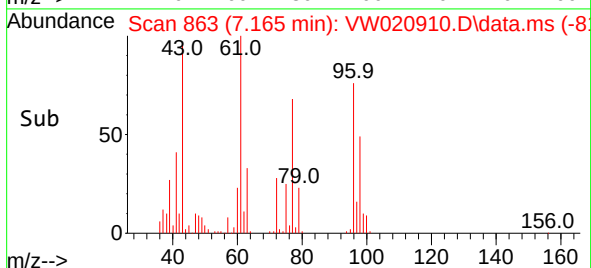
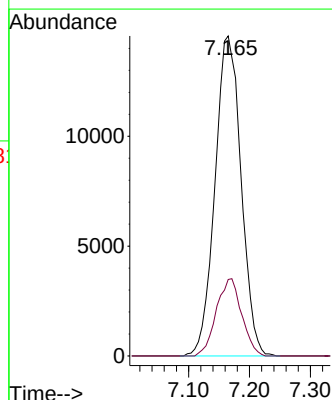
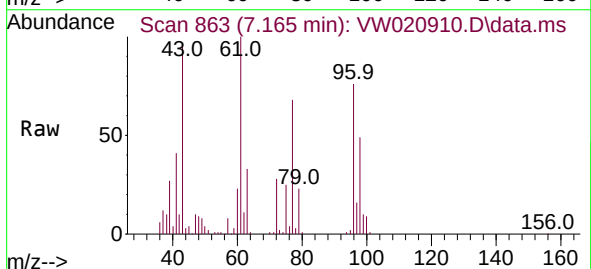
Instrument :  
MSVOA\_W  
ClientSampleId :

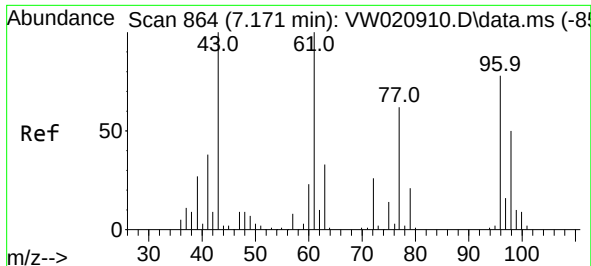
Tgt Ion: 43 Resp: 56511  
Ion Ratio Lower Upper  
43 100  
72 25.9 20.7 31.1



#26  
2,2-Dichloropropane  
Concen: 45.938 ug/l  
RT: 7.165 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion: 77 Resp: 43318  
Ion Ratio Lower Upper  
77 100  
97 23.4 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 50.693 ug/l

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW020910.D

Acq: 17 Nov 2021 16:57

Instrument :

MSVOA\_W

ClientSampleId :

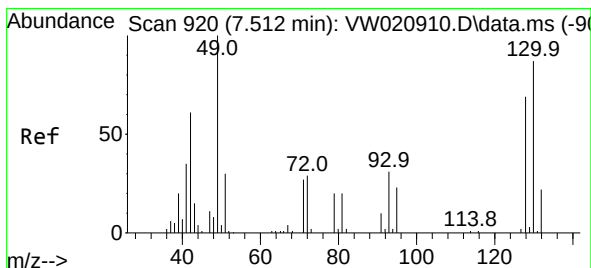
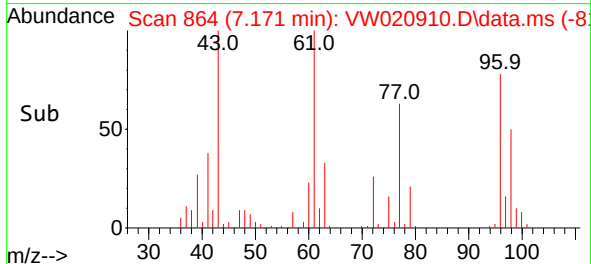
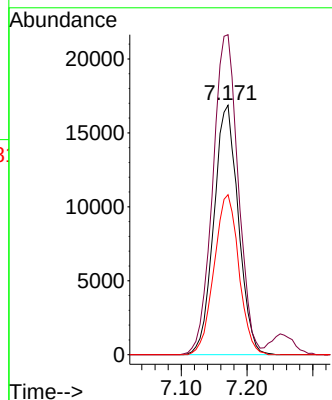
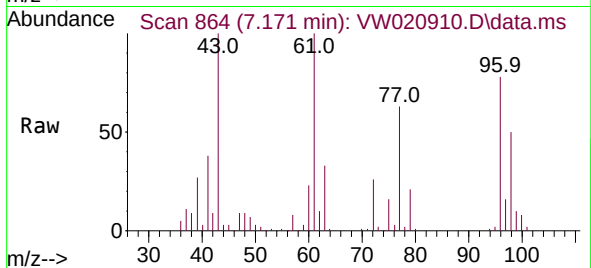
Tgt Ion: 96 Resp: 43753

Ion Ratio Lower Upper

96 100

61 133.3 0.0 266.6

98 64.7 0.0 129.4



#28

Bromochloromethane

Concen: 47.114 ug/l

RT: 7.512 min Scan# 920

Delta R.T. 0.000 min

Lab File: VW020910.D

Acq: 17 Nov 2021 16:57

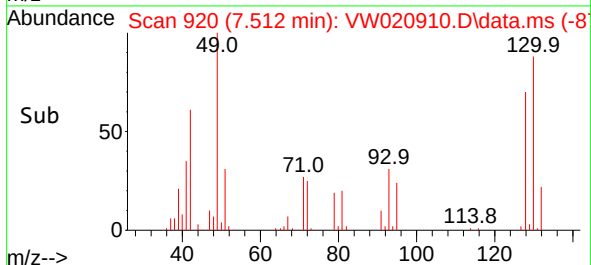
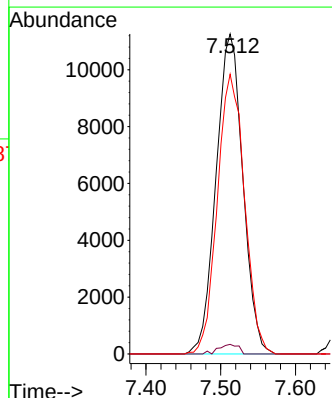
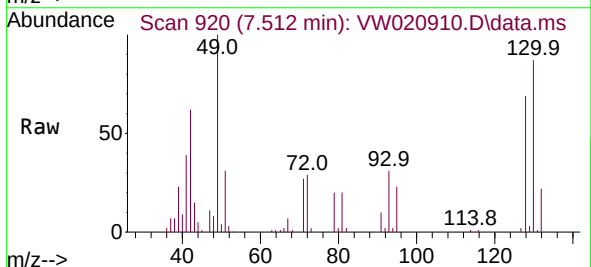
Tgt Ion: 49 Resp: 28057

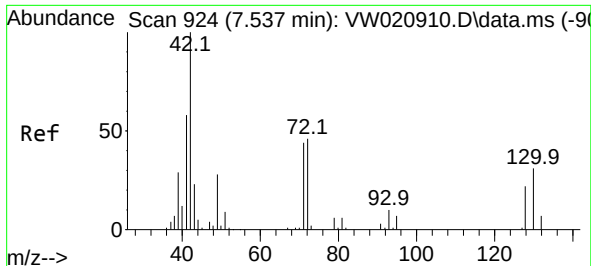
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 88.5 70.8 106.2





#29

Tetrahydrofuran

Concen: 223.293 ug/l

RT: 7.537 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW020910.D

Acq: 17 Nov 2021 16:57

Instrument :

MSVOA\_W

ClientSampleId :

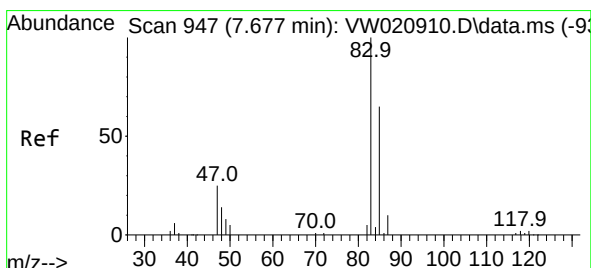
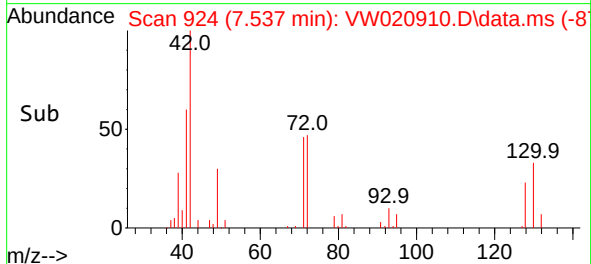
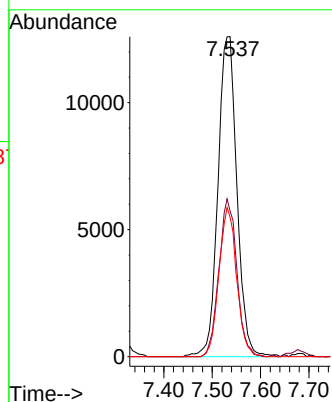
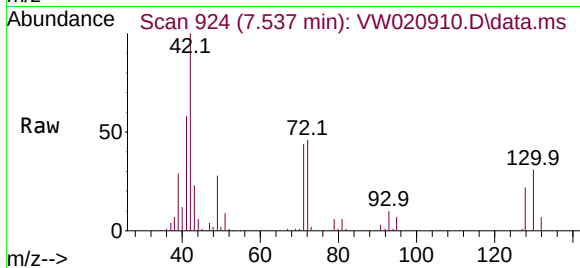
Tgt Ion: 42 Resp: 34265

Ion Ratio Lower Upper

42 100

72 46.7 37.4 56.0

71 43.4 34.7 52.1



#30

Chloroform

Concen: 47.180 ug/l

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW020910.D

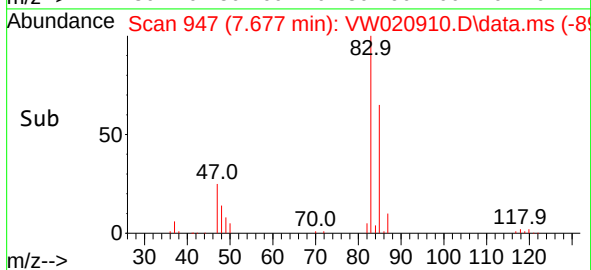
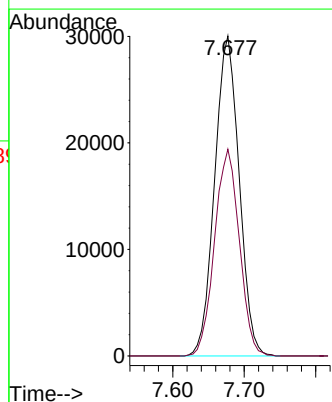
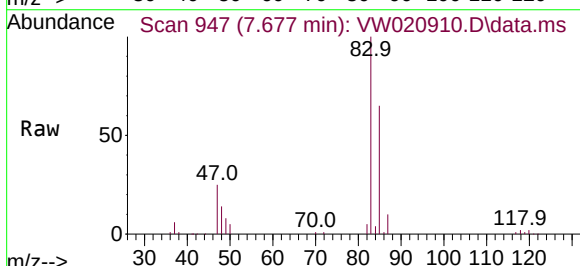
Acq: 17 Nov 2021 16:57

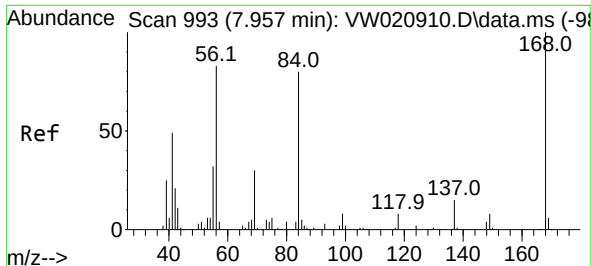
Tgt Ion: 83 Resp: 71449

Ion Ratio Lower Upper

83 100

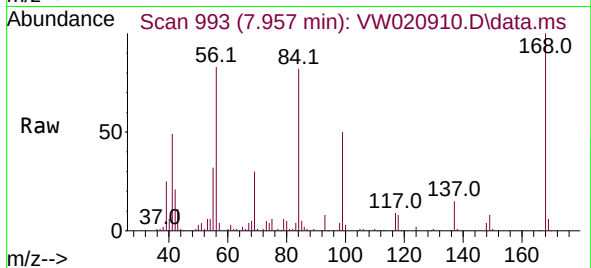
85 64.6 51.7 77.5



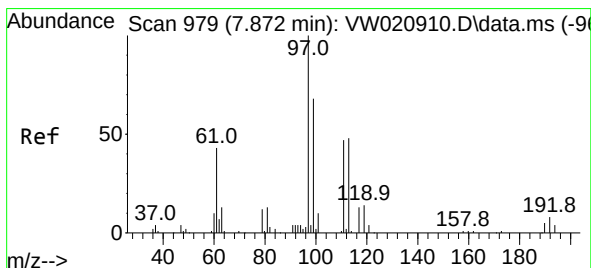
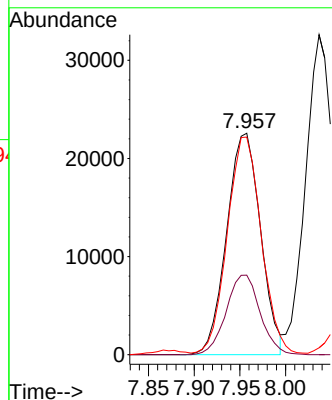
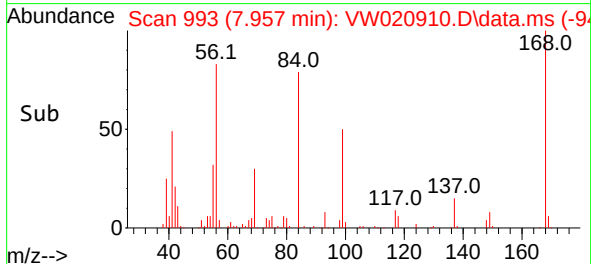


#31  
Cyclohexane  
Concen: 40.734 ug/l  
RT: 7.957 min Scan# 993  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Instrument :  
MSVOA\_W  
ClientSampleId :

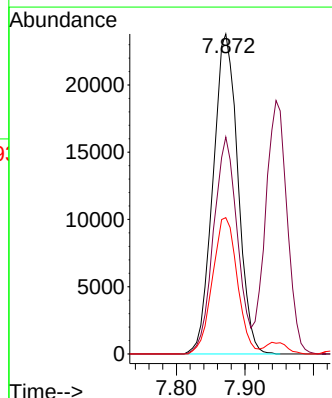
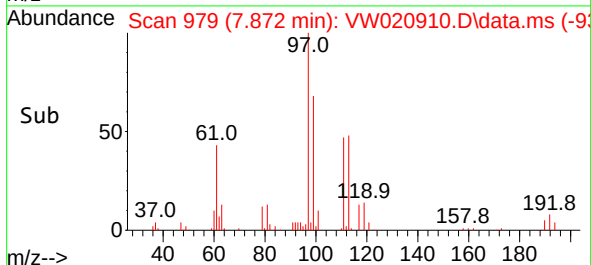
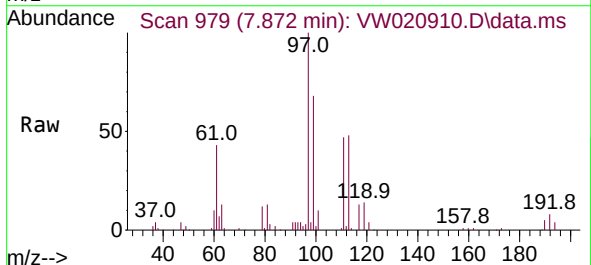


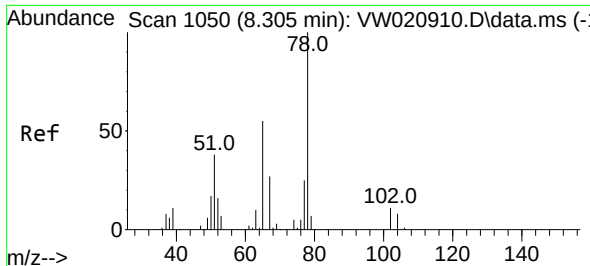
Tgt Ion: 56 Resp: 58213  
Ion Ratio Lower Upper  
56 100  
69 35.9 28.7 43.1  
84 97.0 77.6 116.4



#32  
1,1,1-Trichloroethane  
Concen: 46.893 ug/l  
RT: 7.872 min Scan# 979  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion: 97 Resp: 59884  
Ion Ratio Lower Upper  
97 100  
99 65.0 52.0 78.0  
61 42.7 34.2 51.2

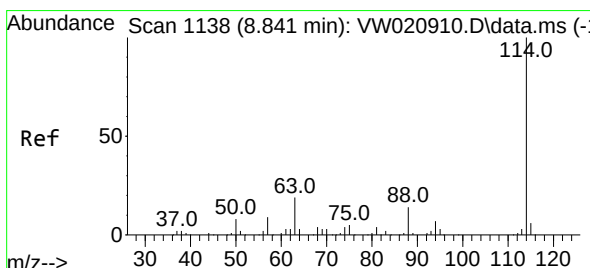
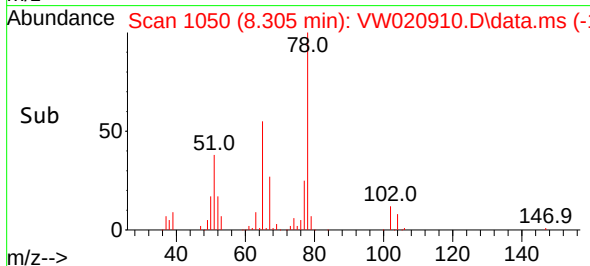
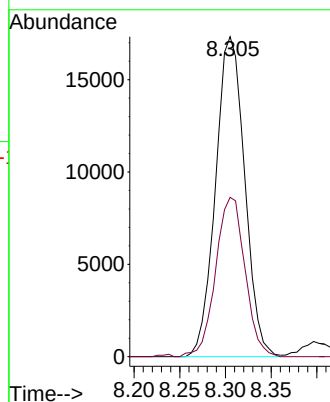
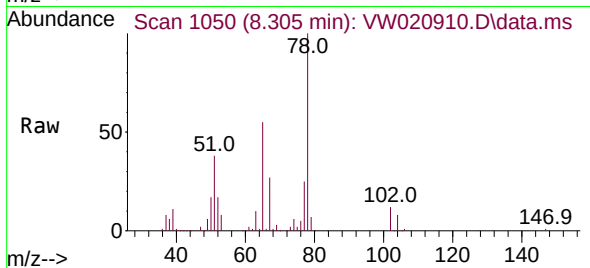




#33  
 1,2-Dichloroethane-d4  
 Concen: 45.083 ug/l  
 RT: 8.305 min Scan# 1050  
 Delta R.T. 0.000 min  
 Lab File: VW020910.D  
 Acq: 17 Nov 2021 16:57

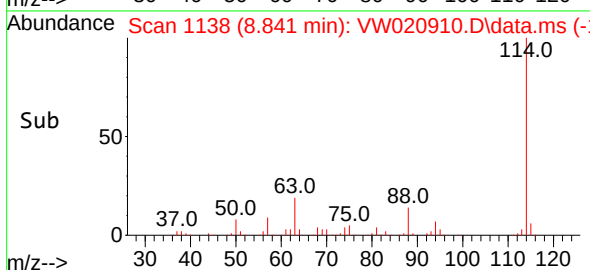
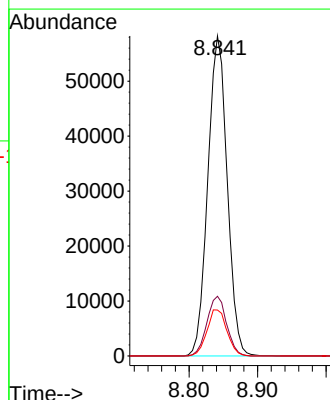
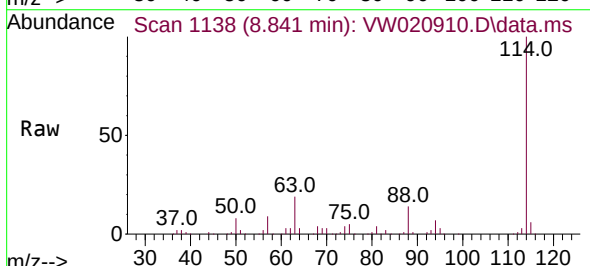
Instrument :  
 MSVOA\_W  
 ClientSampleId :

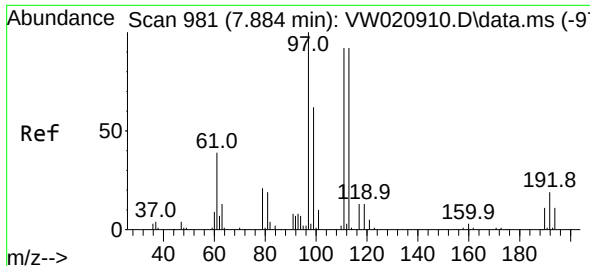
Tgt Ion: 65 Resp: 38423  
 Ion Ratio Lower Upper  
 65 100  
 67 50.1 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.841 min Scan# 1138  
 Delta R.T. 0.000 min  
 Lab File: VW020910.D  
 Acq: 17 Nov 2021 16:57

Tgt Ion: 114 Resp: 114297  
 Ion Ratio Lower Upper  
 114 100  
 63 18.6 0.0 37.2  
 88 14.4 0.0 28.8

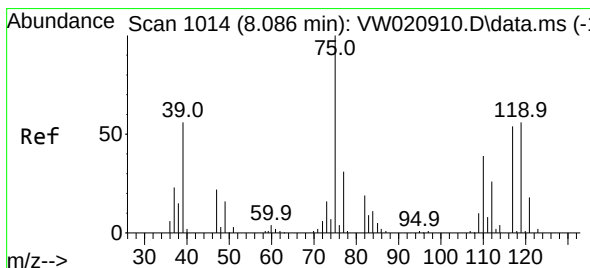
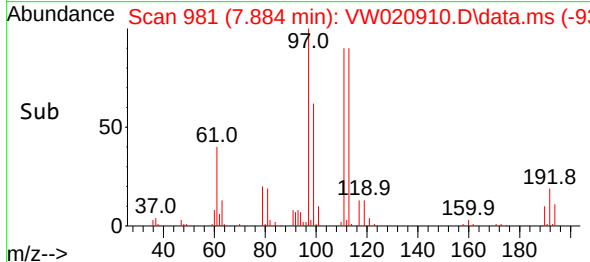
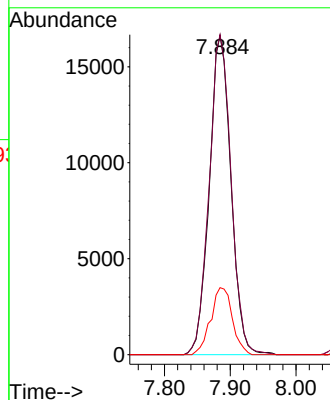
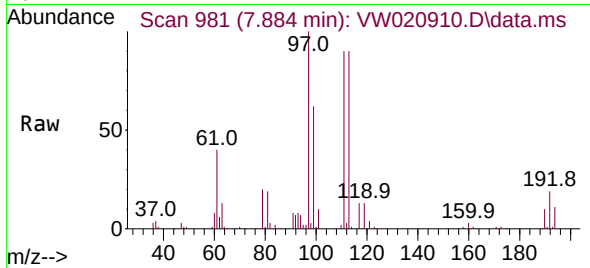




#35  
Dibromofluoromethane  
Concen: 50.486 ug/l  
RT: 7.884 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

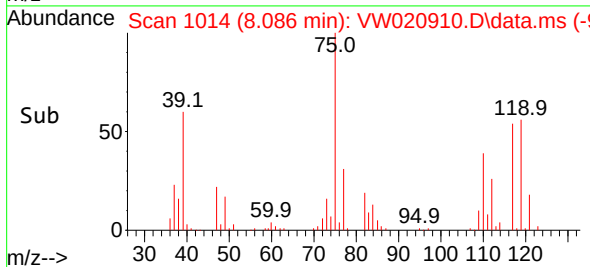
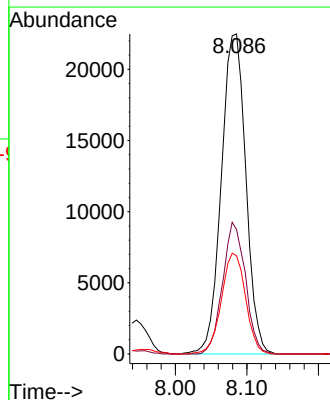
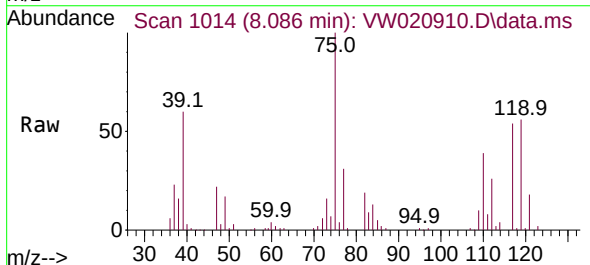
Instrument :  
MSVOA\_W  
ClientSampleId :

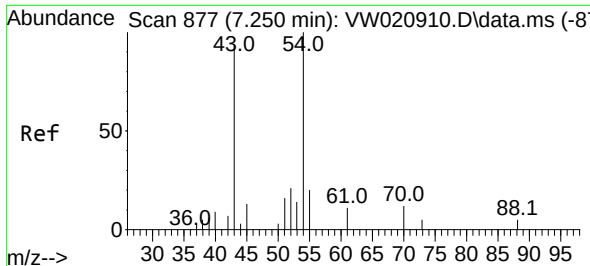
Tgt Ion:113 Resp: 38094  
Ion Ratio Lower Upper  
113 100  
111 101.5 81.2 121.8  
192 21.0 16.8 25.2



#36  
1,1-Dichloropropene  
Concen: 44.382 ug/l  
RT: 8.086 min Scan# 1014  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion: 75 Resp: 53533  
Ion Ratio Lower Upper  
75 100  
110 38.3 19.1 57.5  
77 31.0 24.8 37.2

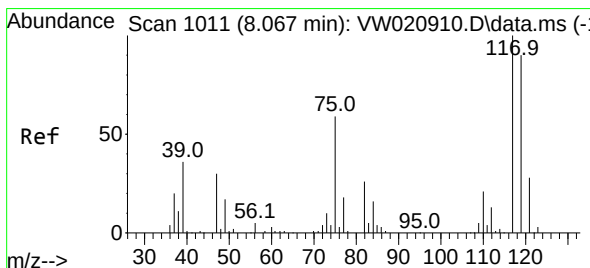
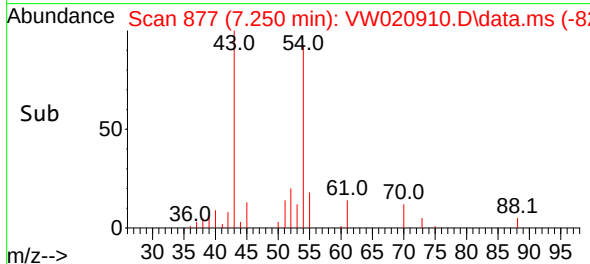
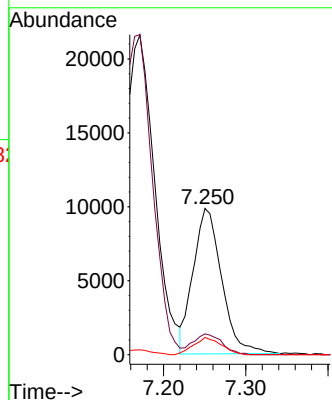
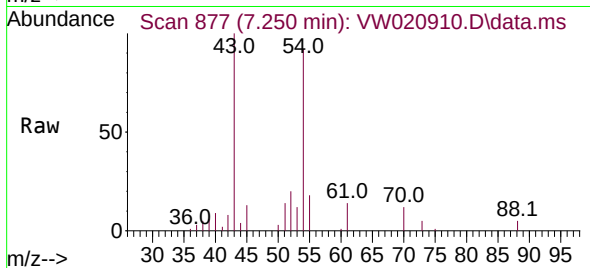




#37  
Ethyl Acetate  
Concen: 43.525 ug/l  
RT: 7.250 min Scan# 877  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

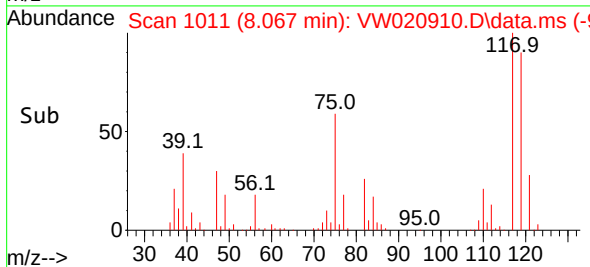
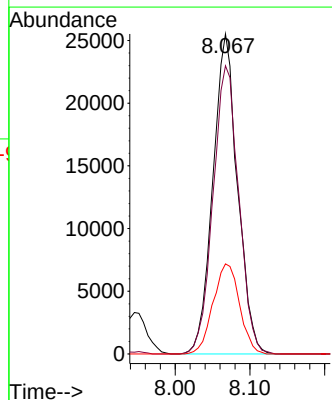
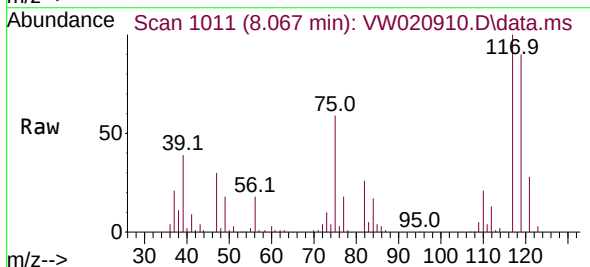
Instrument :  
MSVOA\_W  
ClientSampleId :

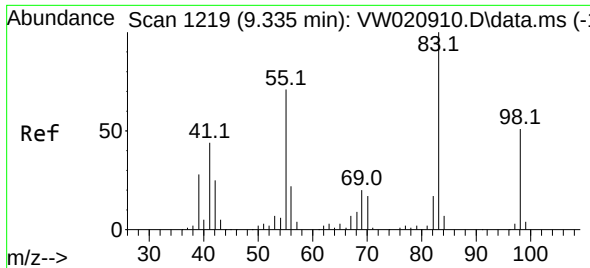
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 23707 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 14.1     | 11.3 16.9   |
| 70 11.5     | 9.2 13.8    |



#38  
Carbon Tetrachloride  
Concen: 48.038 ug/l  
RT: 8.067 min Scan# 1011  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

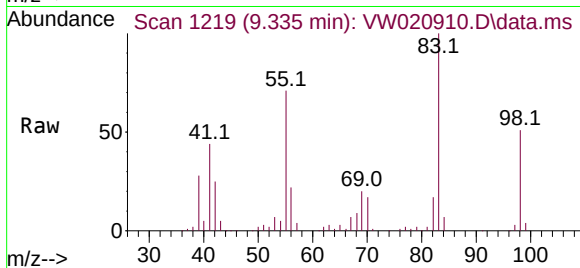
|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:117 | Resp: | 58498 |       |
| Ion         | Ratio | Lower | Upper |
| 117         | 100   |       |       |
| 119         | 90.0  | 72.0  | 108.0 |
| 121         | 28.2  | 22.6  | 33.8  |



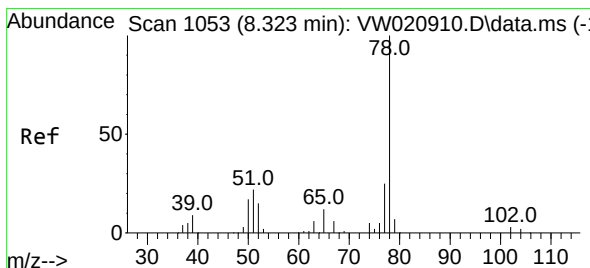
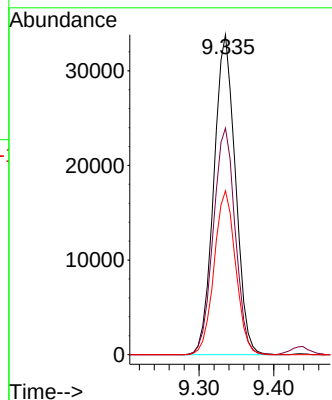
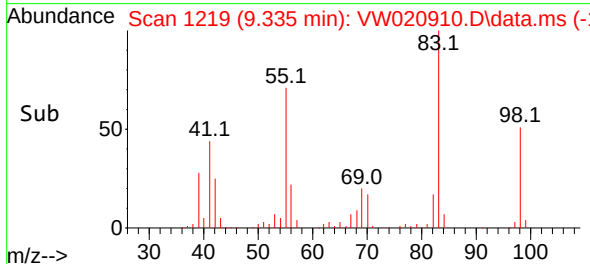


#39  
Methylcyclohexane  
Concen: 47.592 ug/l  
RT: 9.335 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Instrument :  
MSVOA\_W  
ClientSampleId :

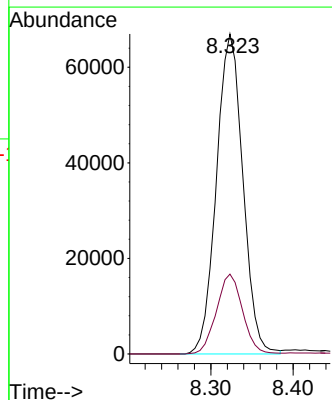
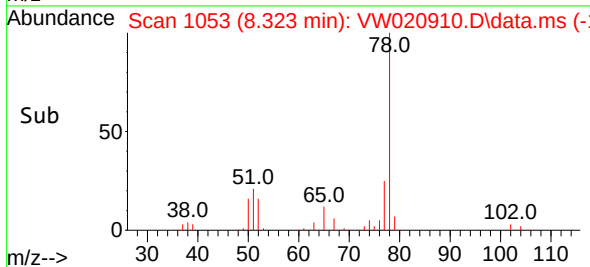
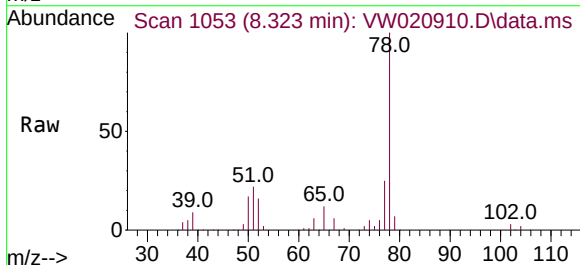


Tgt Ion: 83 Resp: 67555  
Ion Ratio Lower Upper  
83 100  
55 70.8 56.6 85.0  
98 51.2 41.0 61.4

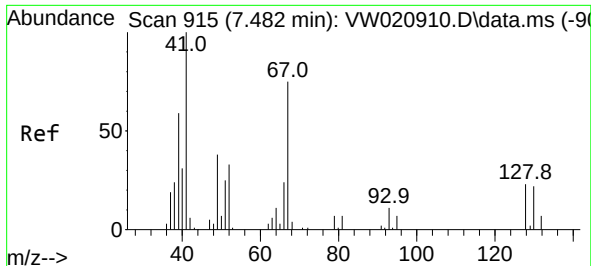


#40  
Benzene  
Concen: 45.104 ug/l  
RT: 8.323 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion: 78 Resp: 149756  
Ion Ratio Lower Upper  
78 100  
77 25.0 20.0 30.0



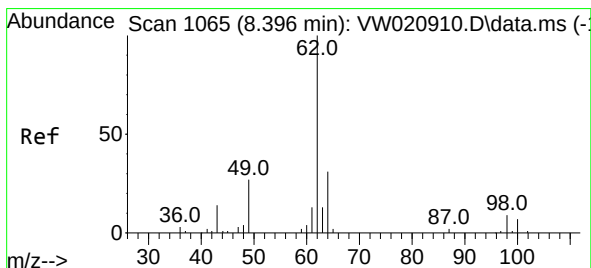
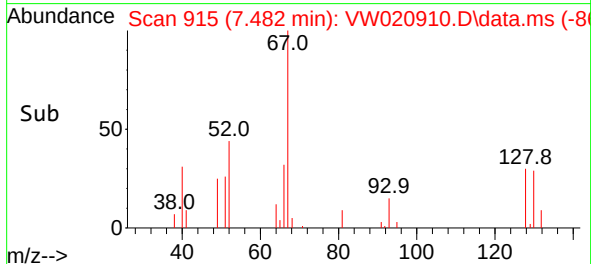
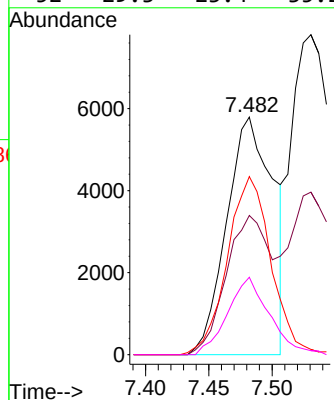
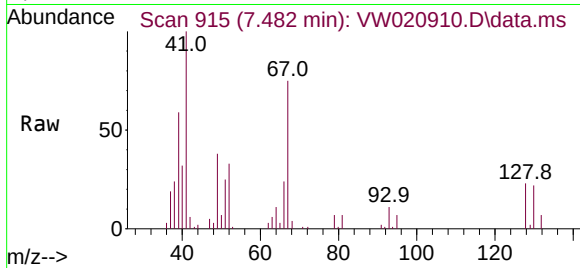




#41  
Methacrylonitrile  
Concen: 46.791 ug/l  
RT: 7.482 min Scan# 915  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

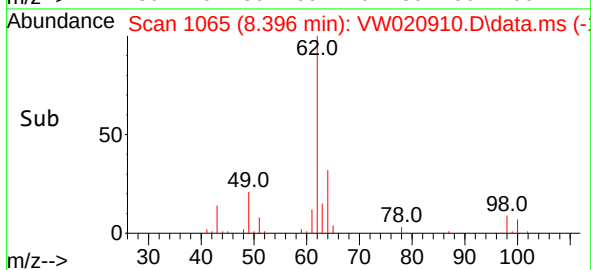
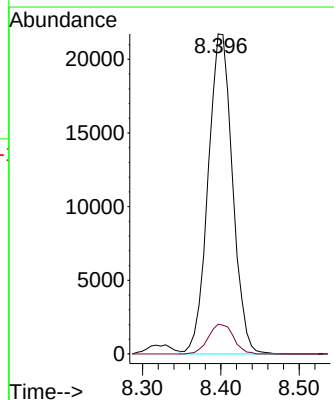
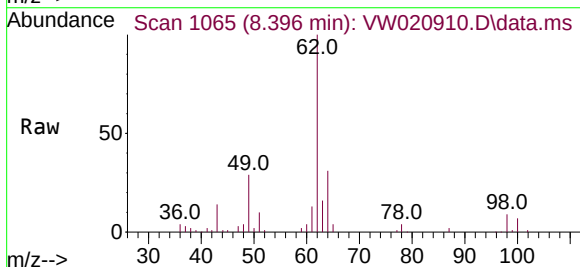
Instrument :  
MSVOA\_W  
ClientSampleId :

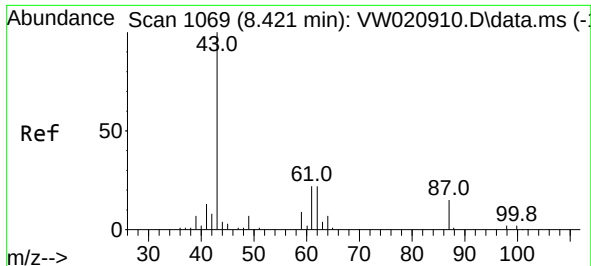
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 14837 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 53.6     | 42.9 64.3   |
| 67 70.3     | 56.2 84.4   |
| 52 29.3     | 23.4 35.2   |



#42  
1,2-Dichloroethane  
Concen: 44.255 ug/l  
RT: 8.396 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 47012 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 9.5      | 0.0 19.0    |

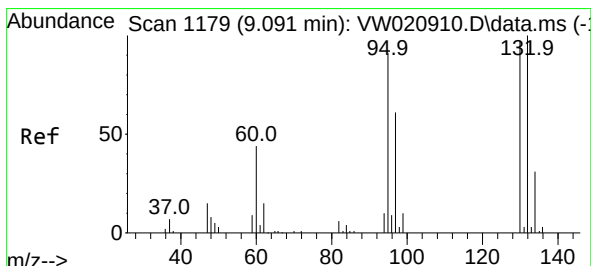
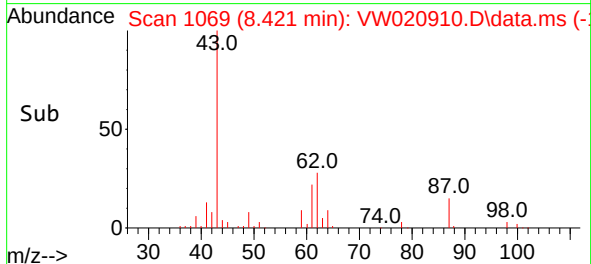
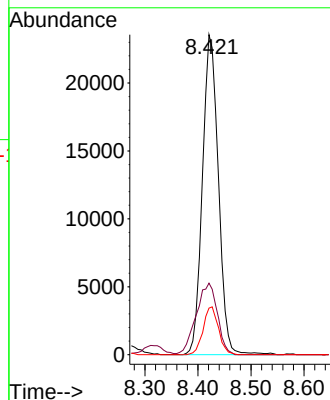
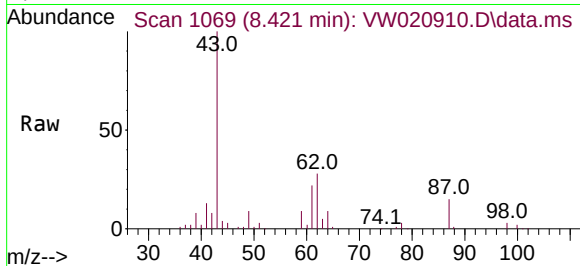




#43  
Isopropyl Acetate  
Concen: 47.915 ug/l  
RT: 8.421 min Scan# 1069  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

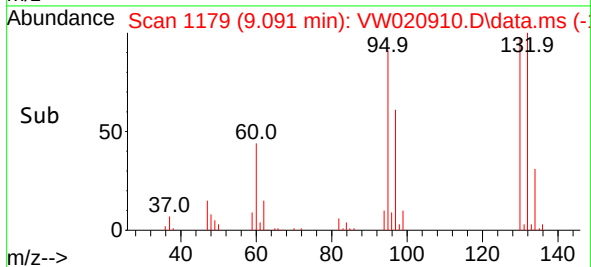
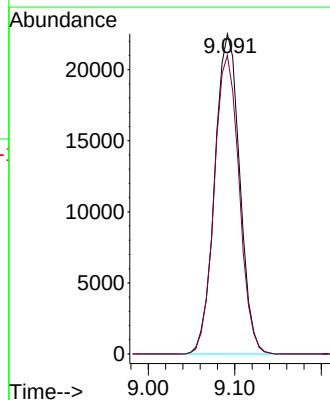
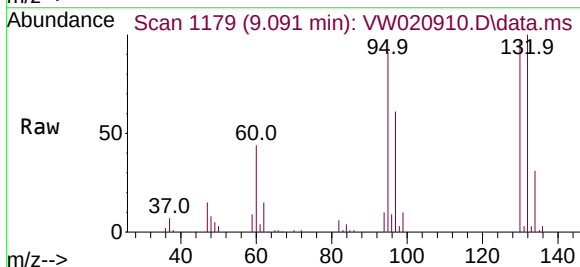
Instrument :  
MSVOA\_W  
ClientSampleId :

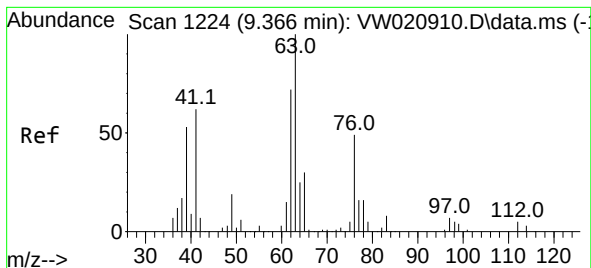
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 29.6  | 23.7  | 35.5  |
| 87      | 14.4  | 11.5  | 17.3  |



#44  
Trichloroethene  
Concen: 48.996 ug/l  
RT: 9.091 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 93.3  | 0.0   | 186.6 |





#45

1,2-Dichloropropane

Concen: 45.322 ug/l

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW020910.D

Acq: 17 Nov 2021 16:57

Instrument :

MSVOA\_W

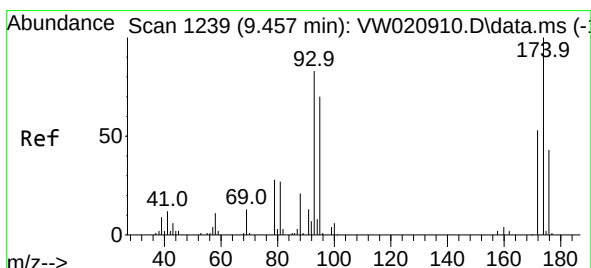
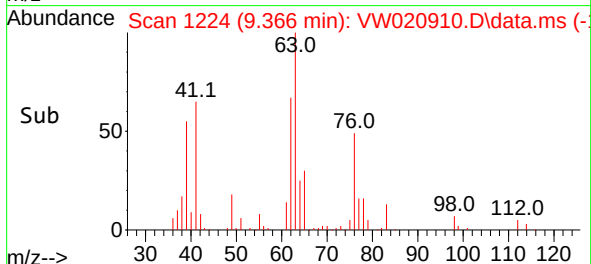
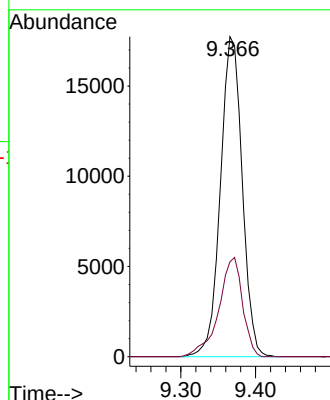
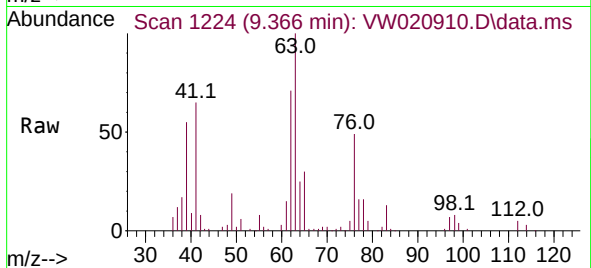
ClientSampleId :

Tgt Ion: 63 Resp: 35958

Ion Ratio Lower Upper

63 100

65 29.7 23.8 35.6



#46

Dibromomethane

Concen: 49.877 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW020910.D

Acq: 17 Nov 2021 16:57

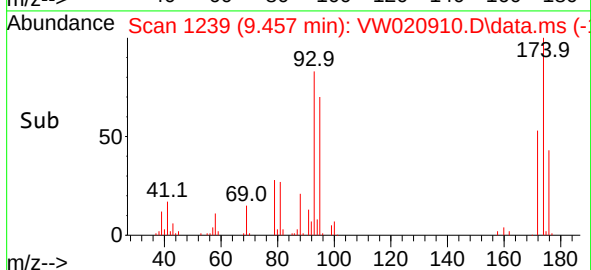
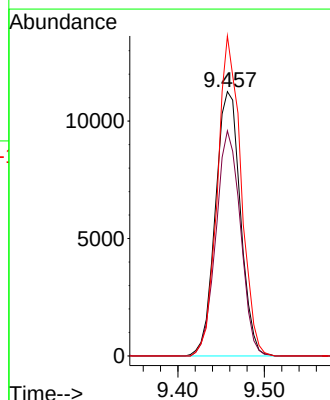
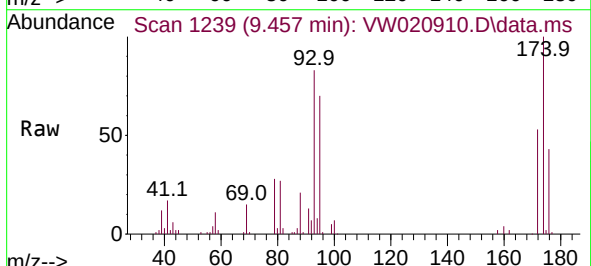
Tgt Ion: 93 Resp: 22560

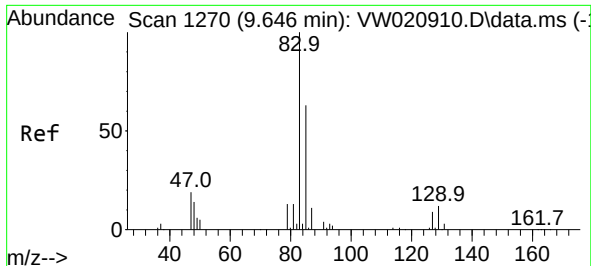
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 113.9 91.1 136.7

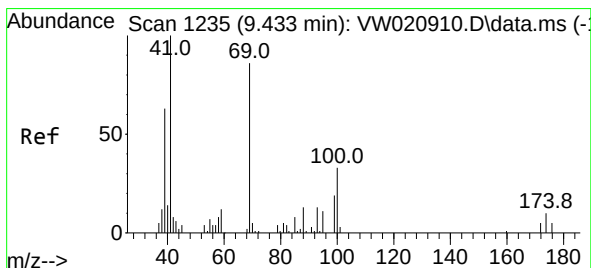
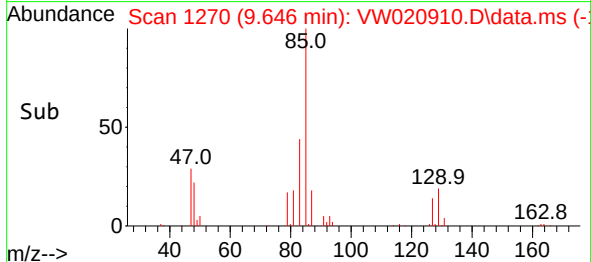
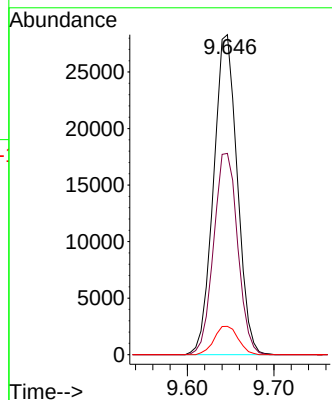
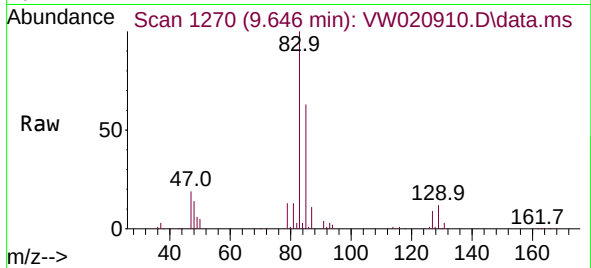




#47  
Bromodichloromethane  
Concen: 48.412 ug/l  
RT: 9.646 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

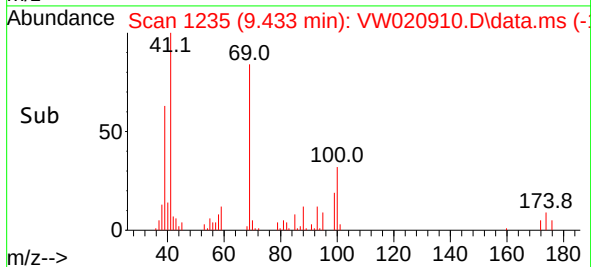
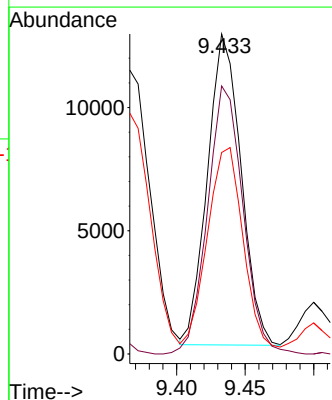
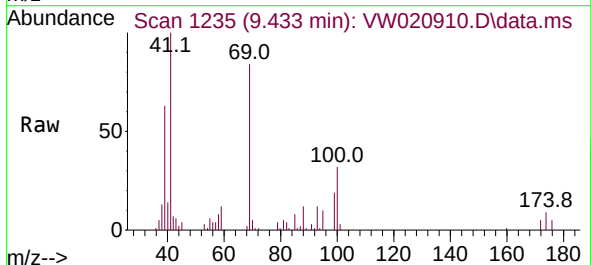
Instrument :  
MSVOA\_W  
ClientSampleId :

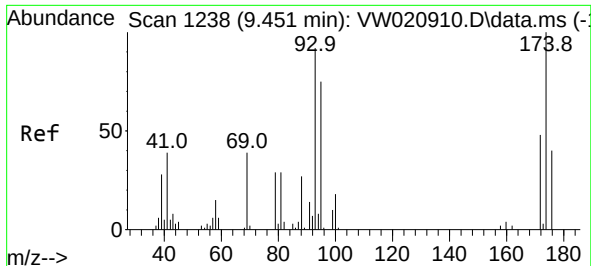
Tgt Ion: 83 Resp: 53871  
Ion Ratio Lower Upper  
83 100  
85 62.9 50.3 75.5  
127 8.9 7.1 10.7



#48  
Methyl methacrylate  
Concen: 43.949 ug/l  
RT: 9.433 min Scan# 1235  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion: 41 Resp: 21494  
Ion Ratio Lower Upper  
41 100  
69 91.1 72.9 109.3  
39 67.8 54.2 81.4





#49

1,4-Dioxane

Concen: 1120.282 ug/l

RT: 9.451 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VW020910.D

Acq: 17 Nov 2021 16:57

Instrument :

MSVOA\_W

ClientSampleId :

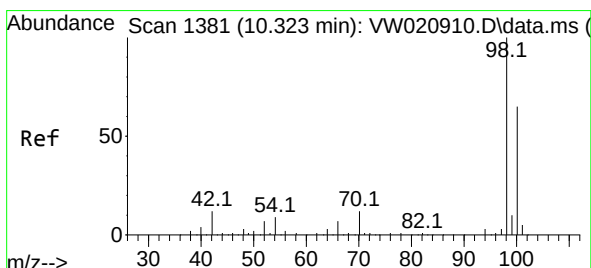
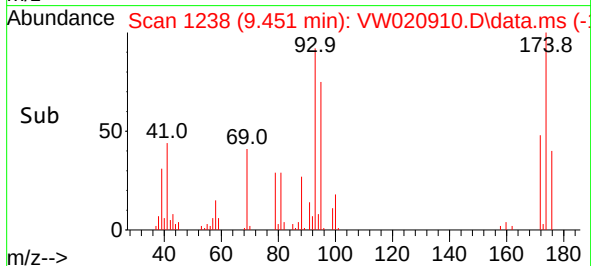
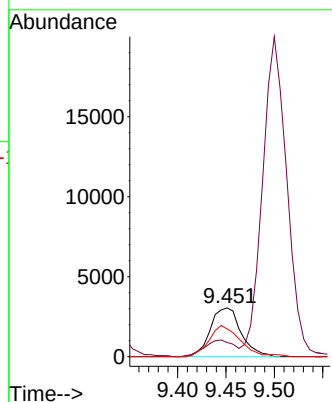
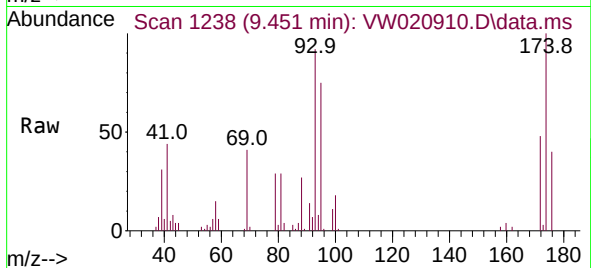
Tgt Ion: 88 Resp: 6721

Ion Ratio Lower Upper

88 100

43 33.2 26.6 39.8

58 64.8 51.8 77.8



#50

Toluene-d8

Concen: 48.611 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VW020910.D

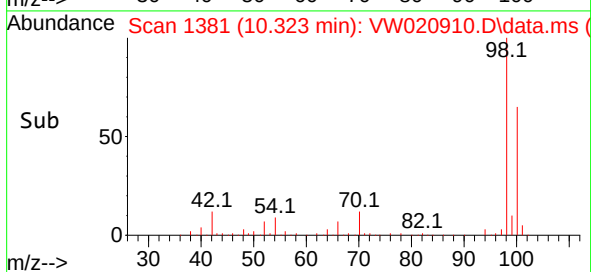
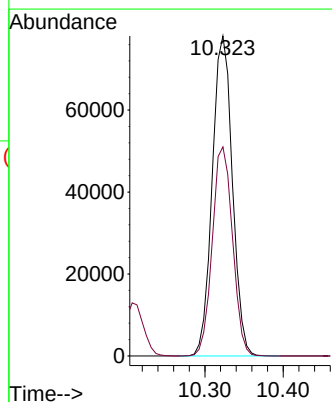
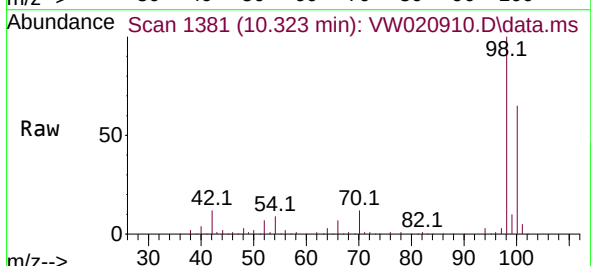
Acq: 17 Nov 2021 16:57

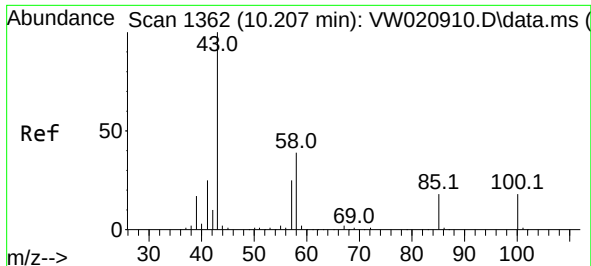
Tgt Ion: 98 Resp: 139337

Ion Ratio Lower Upper

98 100

100 65.8 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 223.938 ug/l

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW020910.D

Acq: 17 Nov 2021 16:57

Instrument :

MSVOA\_W

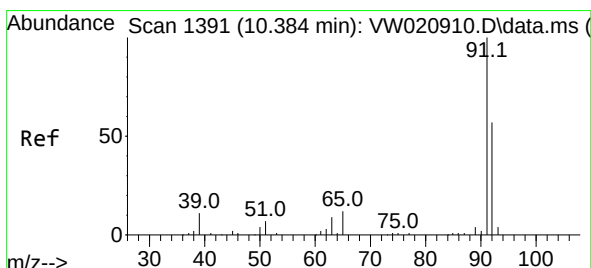
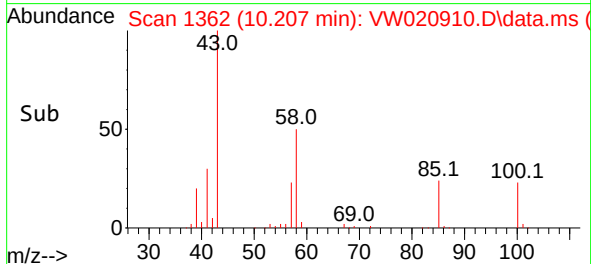
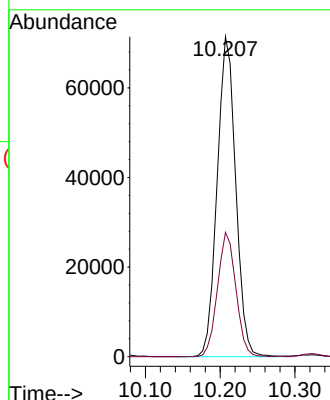
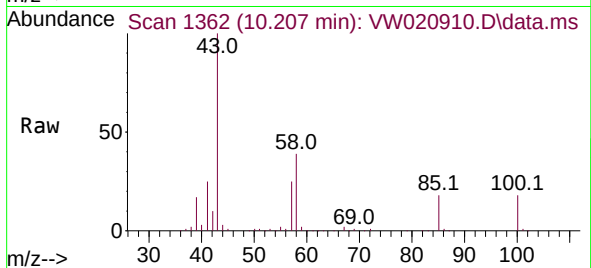
ClientSampleId :

Tgt Ion: 43 Resp: 123134

Ion Ratio Lower Upper

43 100

58 38.6 30.9 46.3



#52

Toluene

Concen: 47.569 ug/l

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW020910.D

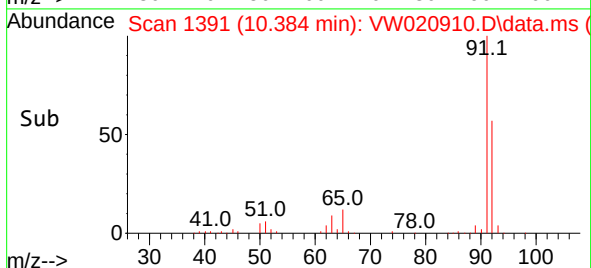
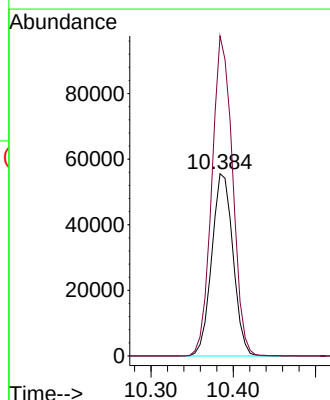
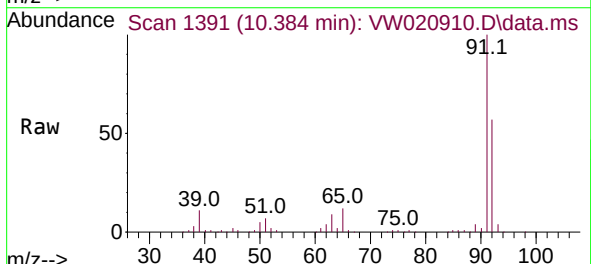
Acq: 17 Nov 2021 16:57

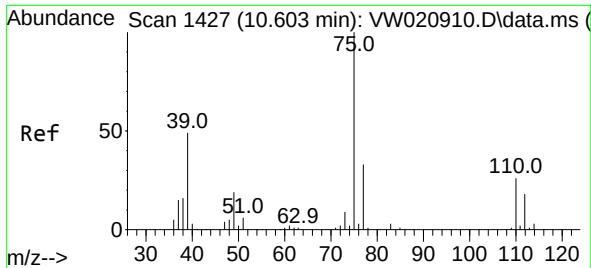
Tgt Ion: 92 Resp: 99660

Ion Ratio Lower Upper

92 100

91 171.4 137.1 205.7

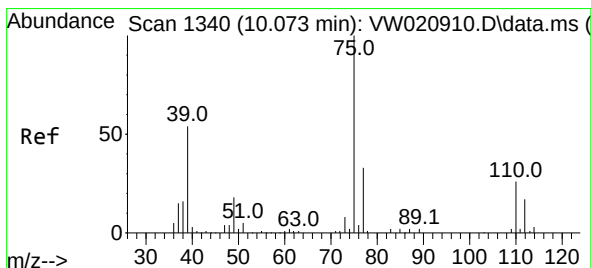
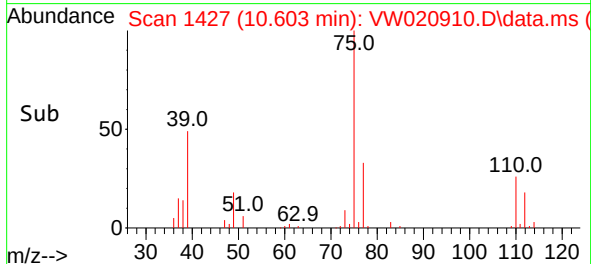
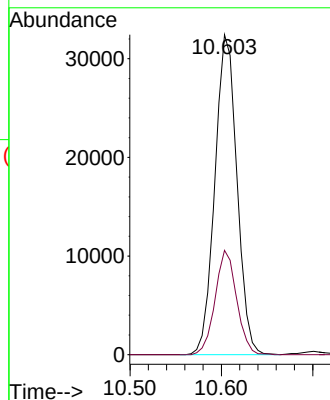
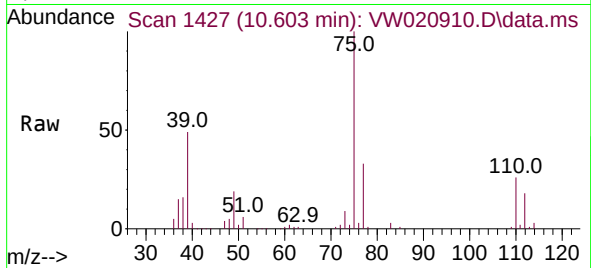




#53  
 t-1,3-Dichloropropene  
 Concen: 48.451 ug/l  
 RT: 10.603 min Scan# 1427  
 Delta R.T. 0.000 min  
 Lab File: VW020910.D  
 Acq: 17 Nov 2021 16:57

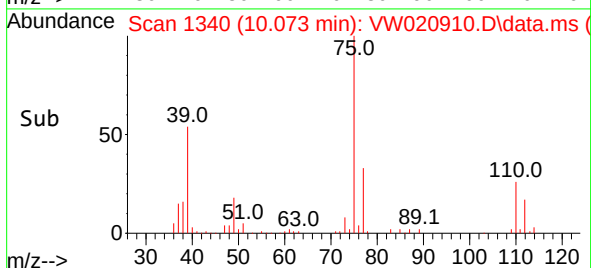
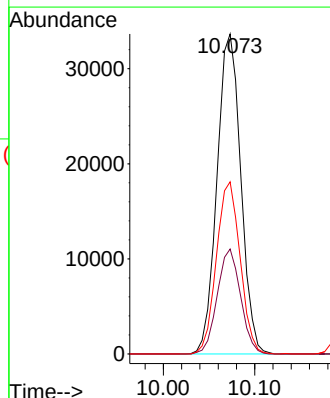
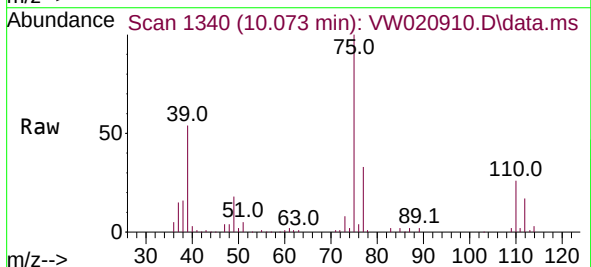
Instrument :  
 MSVOA\_W  
 ClientSampleId :

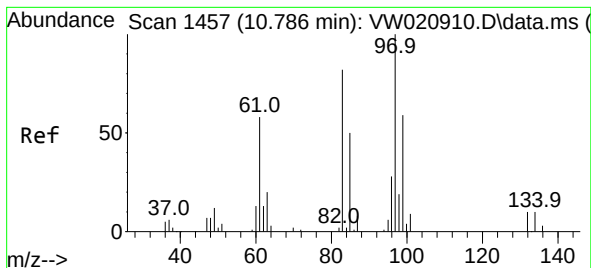
Tgt Ion: 75 Resp: 54441  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 26.1 39.1



#54  
 cis-1,3-Dichloropropene  
 Concen: 47.763 ug/l  
 RT: 10.073 min Scan# 1340  
 Delta R.T. 0.000 min  
 Lab File: VW020910.D  
 Acq: 17 Nov 2021 16:57

Tgt Ion: 75 Resp: 60858  
 Ion Ratio Lower Upper  
 75 100  
 77 32.8 26.2 39.4  
 39 53.8 43.0 64.6

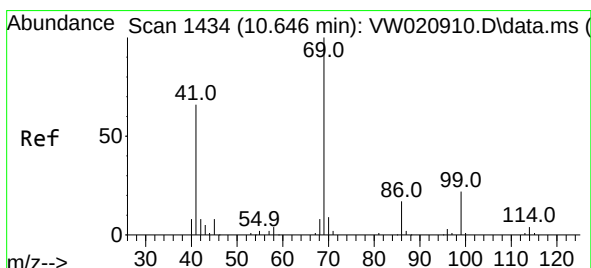
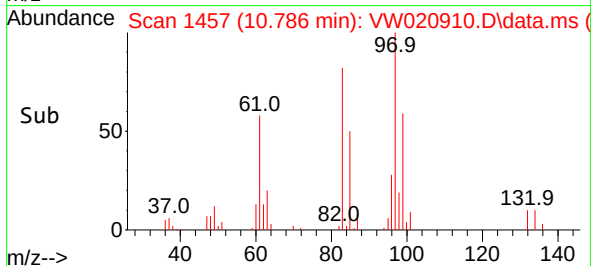
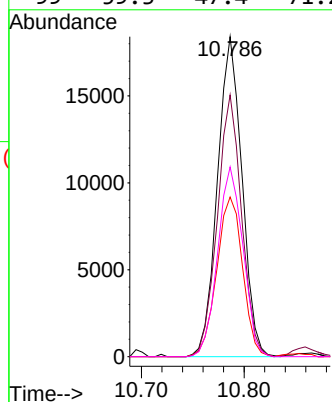
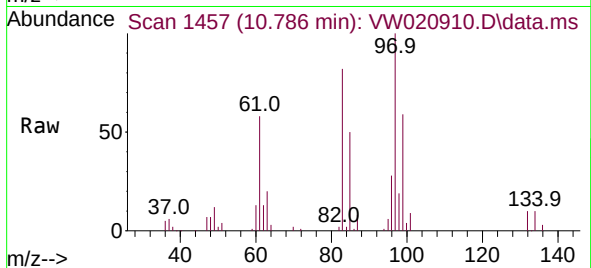




#55  
1,1,2-Trichloroethane  
Concen: 48.602 ug/l  
RT: 10.786 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

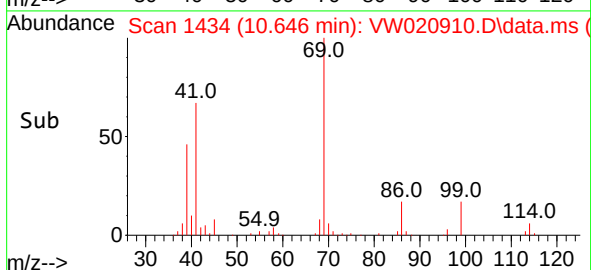
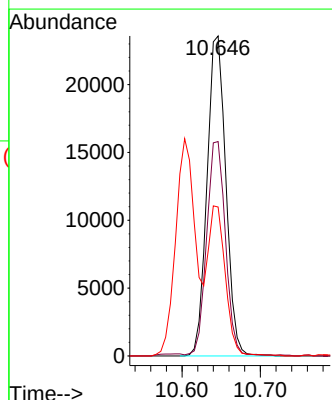
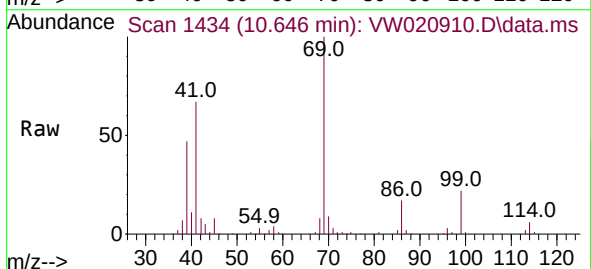
Instrument :  
MSVOA\_W  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 30447 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 81.8  | 65.4  | 98.2  |
| 85       | 49.9  | 39.9  | 59.9  |
| 99       | 59.3  | 47.4  | 71.2  |

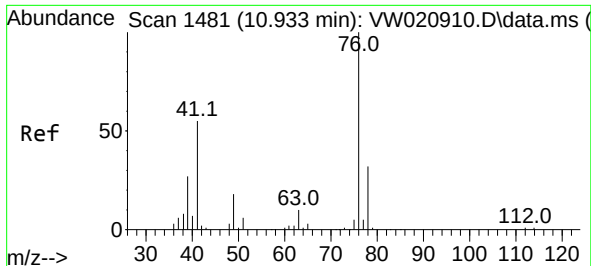


#56  
Ethyl methacrylate  
Concen: 49.661 ug/l  
RT: 10.646 min Scan# 1434  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 39357 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 66.1  | 52.9  | 79.3  |
| 39       | 42.1  | 33.7  | 50.5  |







#57

1,3-Dichloropropane

Concen: 47.230 ug/l

RT: 10.933 min Scan# 1481

Delta R.T. 0.000 min

Lab File: VW020910.D

Acq: 17 Nov 2021 16:57

Instrument :

MSVOA\_W

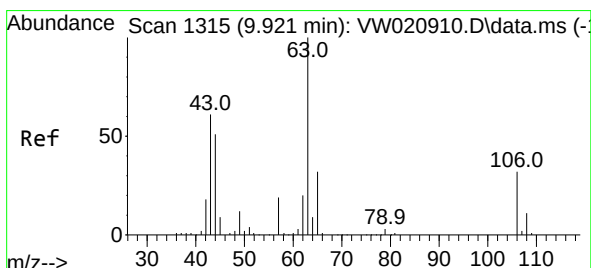
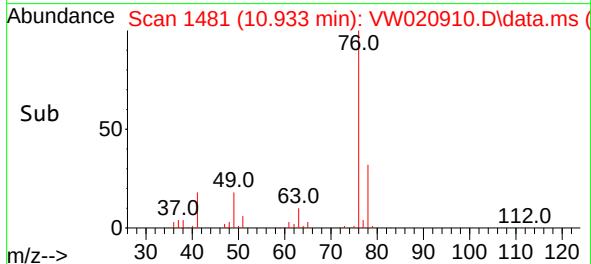
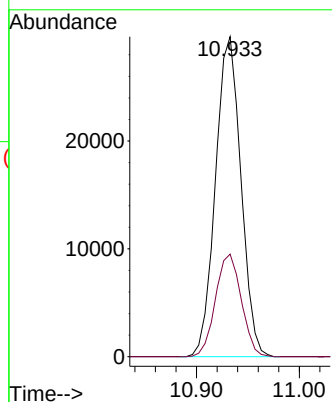
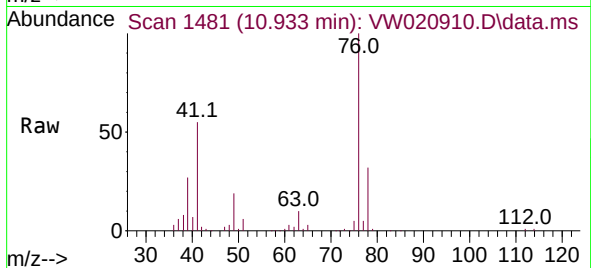
ClientSampleId :

Tgt Ion: 76 Resp: 50961

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 251.473 ug/l

RT: 9.921 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VW020910.D

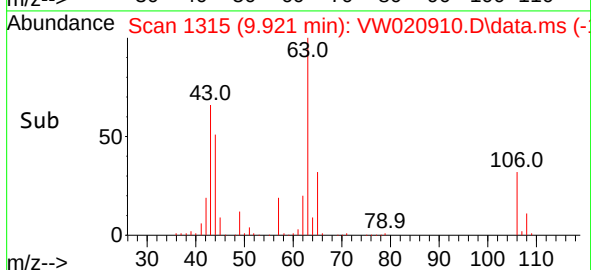
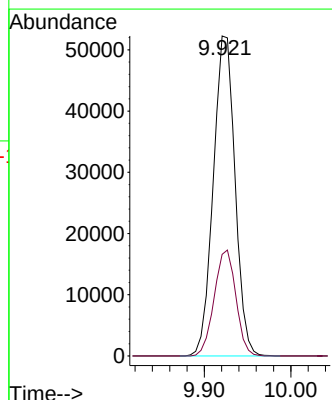
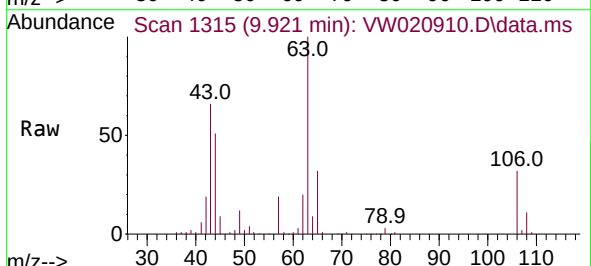
Acq: 17 Nov 2021 16:57

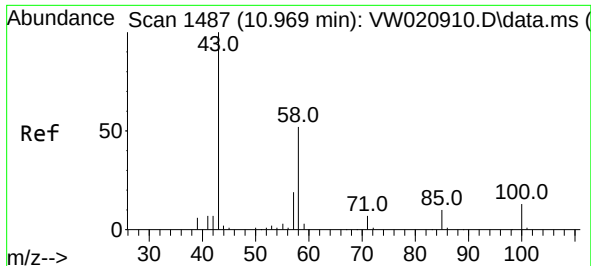
Tgt Ion: 63 Resp: 91293

Ion Ratio Lower Upper

63 100

106 32.9 26.3 39.5

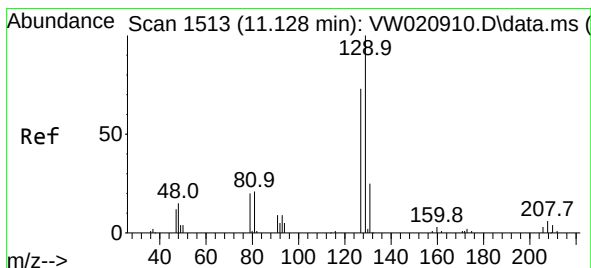
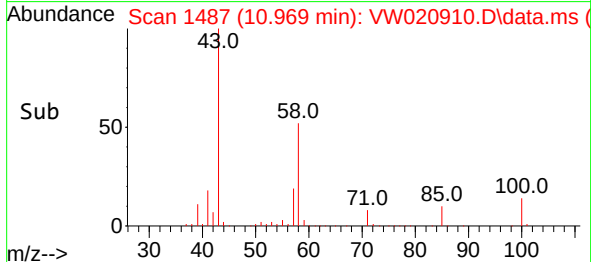
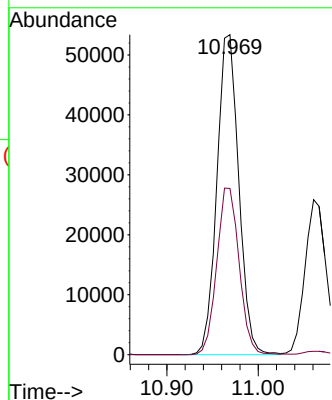
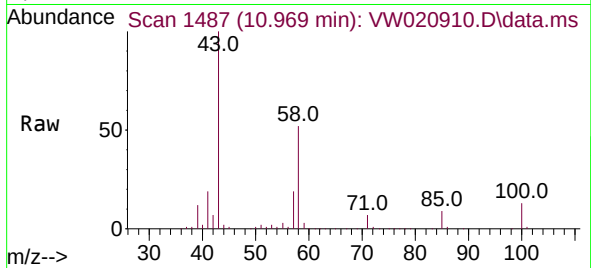




#59  
2-Hexanone  
Concen: 229.733 ug/l  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

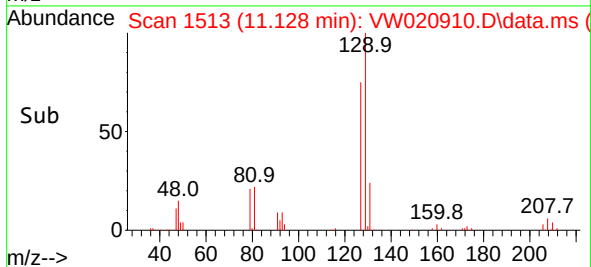
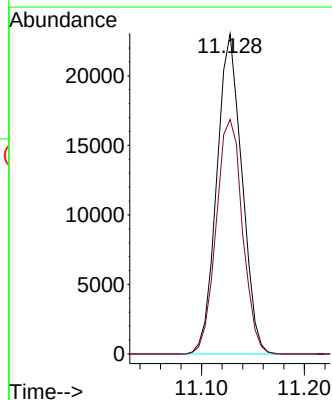
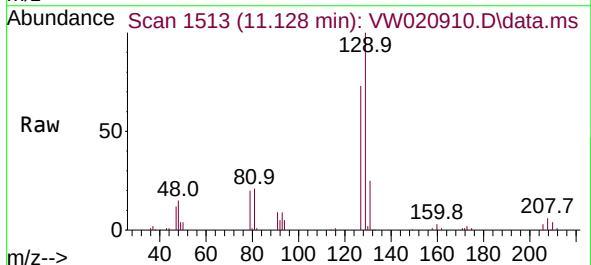
Instrument :  
MSVOA\_W  
ClientSampleId :

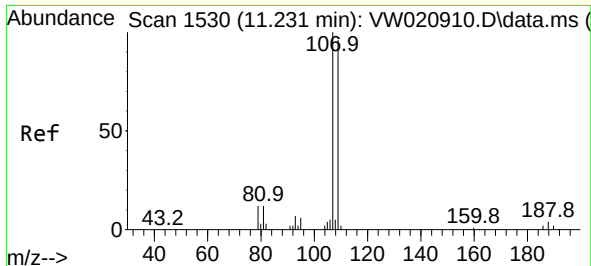
Tgt Ion: 43 Resp: 88929  
Ion Ratio Lower Upper  
43 100  
58 53.3 26.7 80.0



#60  
Dibromochloromethane  
Concen: 52.162 ug/l  
RT: 11.128 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion: 129 Resp: 39096  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.4 115.1

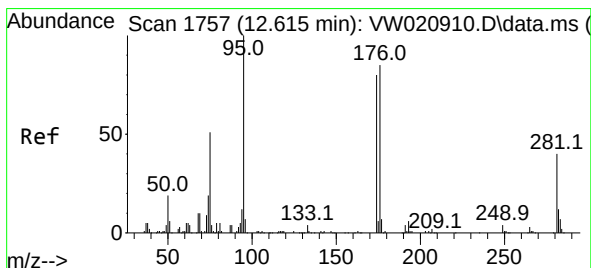
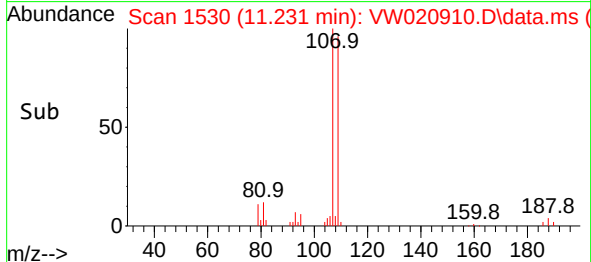
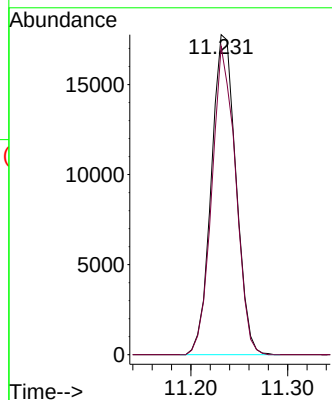
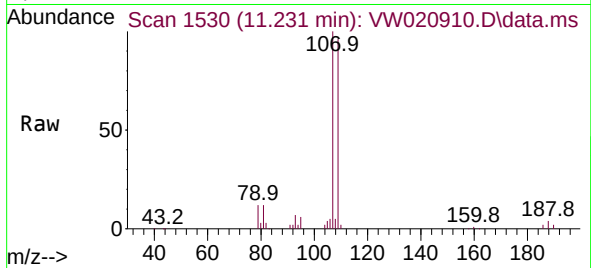




#61  
1,2-Dibromoethane  
Concen: 51.495 ug/l  
RT: 11.231 min Scan# 1530  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

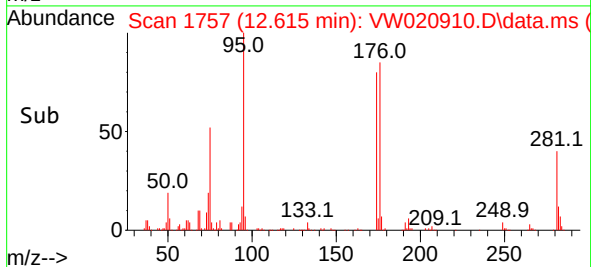
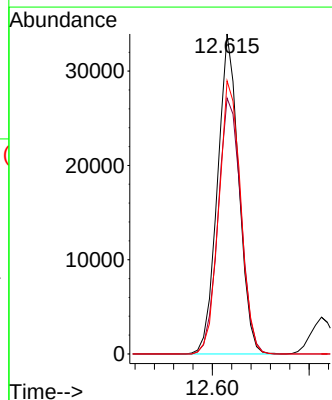
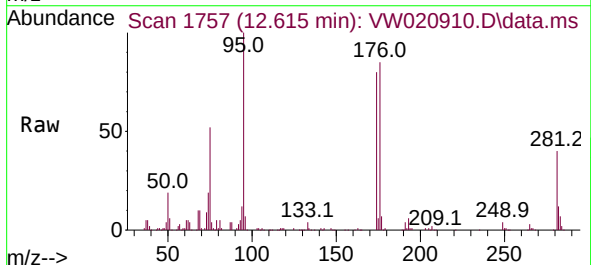
Instrument :  
MSVOA\_W  
ClientSampleId :

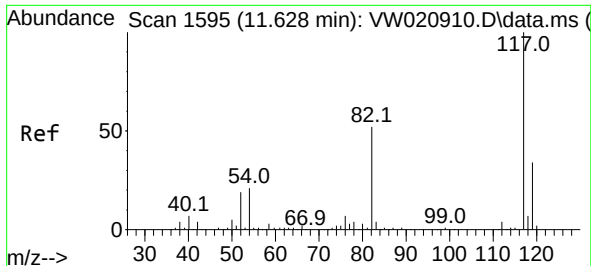
Tgt Ion:107 Resp: 31491  
Ion Ratio Lower Upper  
107 100  
109 92.6 74.1 111.1



#62  
4-Bromofluorobenzene  
Concen: 49.268 ug/l  
RT: 12.615 min Scan# 1757  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion: 95 Resp: 51696  
Ion Ratio Lower Upper  
95 100  
174 85.6 0.0 171.2  
176 87.7 0.0 175.4

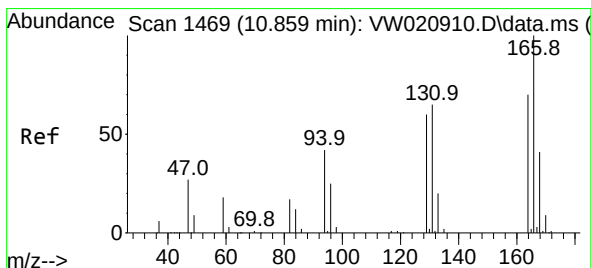
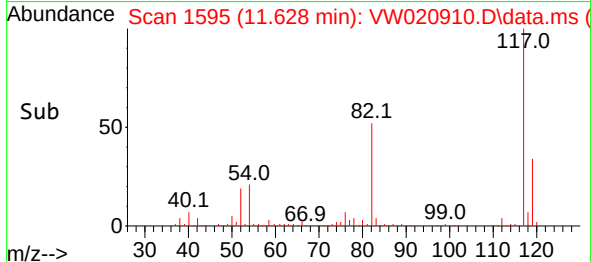
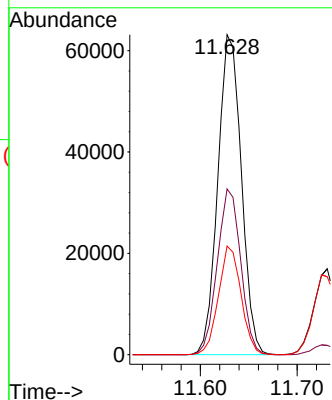
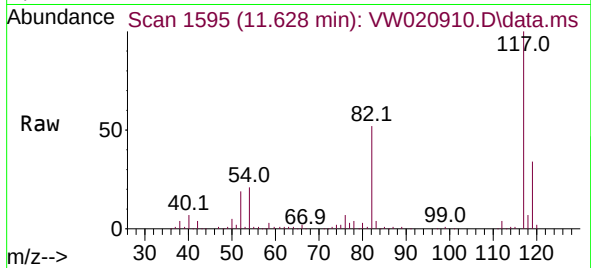




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.628 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

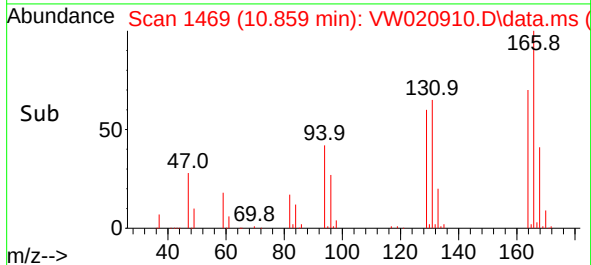
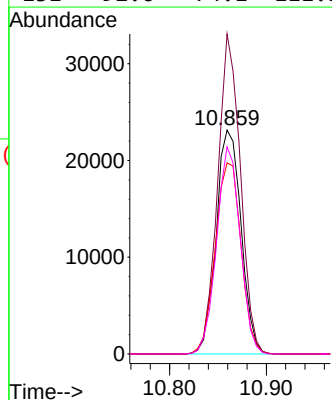
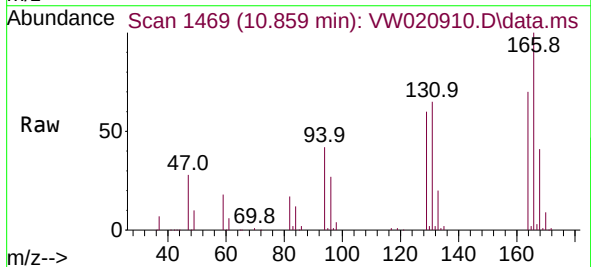
Instrument :  
MSVOA\_W  
ClientSampleId :

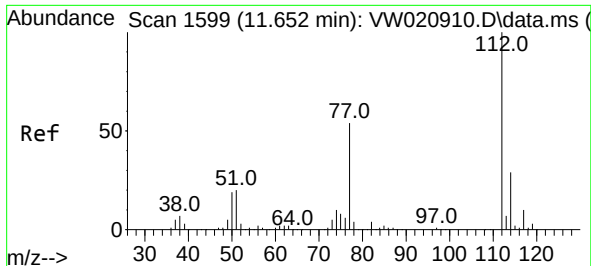
Tgt Ion:117 Resp: 106521  
Ion Ratio Lower Upper  
117 100  
82 51.8 41.4 62.2  
119 34.0 27.2 40.8



#64  
Tetrachloroethene  
Concen: 49.715 ug/l  
RT: 10.859 min Scan# 1469  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion:164 Resp: 41409  
Ion Ratio Lower Upper  
164 100  
166 143.0 114.4 171.6  
129 85.4 68.3 102.5  
131 92.6 74.1 111.1

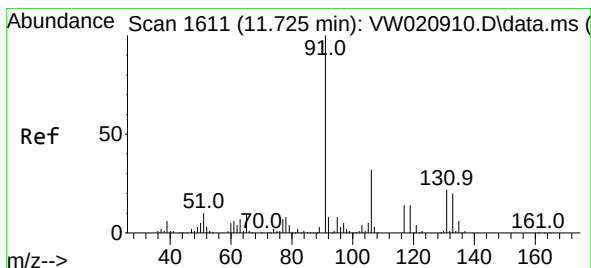
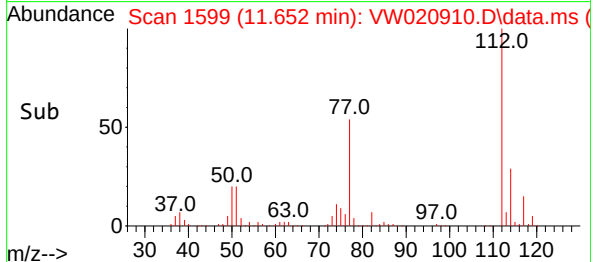
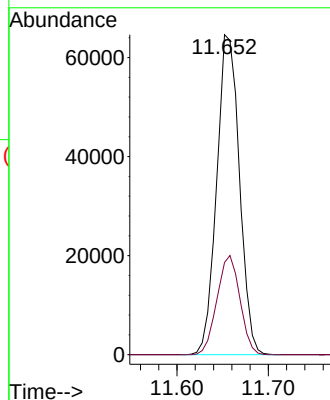
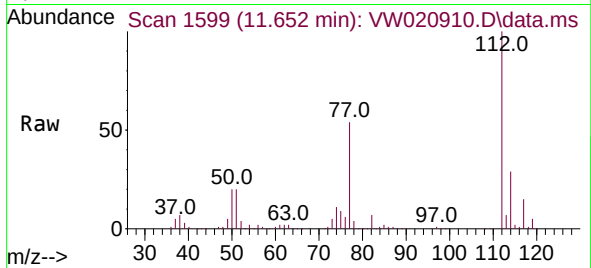




#65  
Chlorobenzene  
Concen: 48.732 ug/l  
RT: 11.652 min Scan# 111885  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

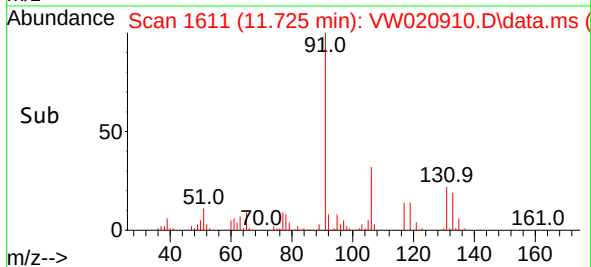
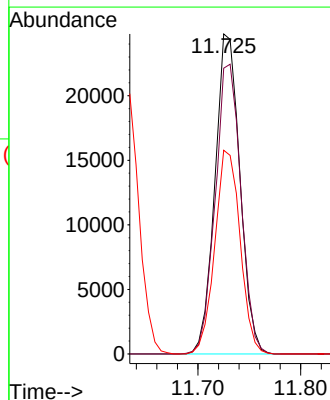
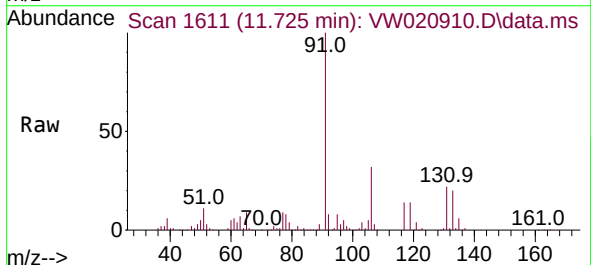
Instrument :  
MSVOA\_W  
ClientSampleId :

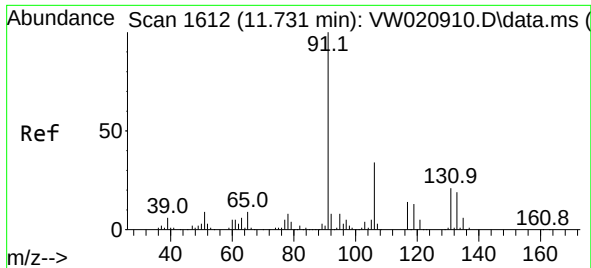
Tgt Ion:112 Resp: 111885  
Ion Ratio Lower Upper  
112 100  
114 28.8 23.0 34.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.089 ug/l  
RT: 11.725 min Scan# 1611  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion:131 Resp: 41786  
Ion Ratio Lower Upper  
131 100  
133 93.1 46.6 139.7  
119 64.4 32.2 96.6

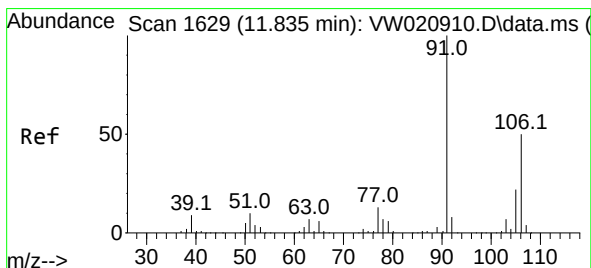
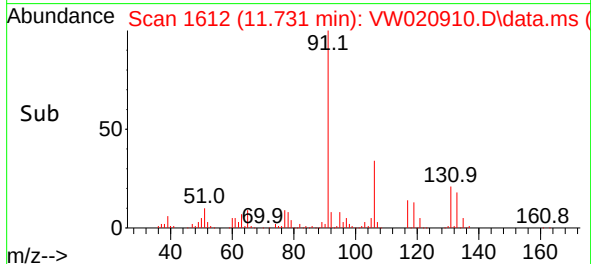
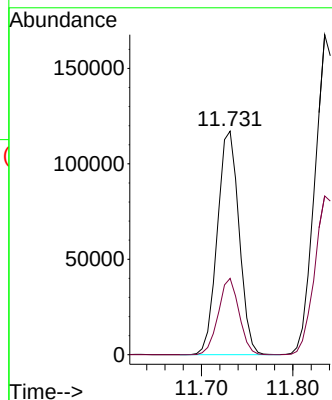
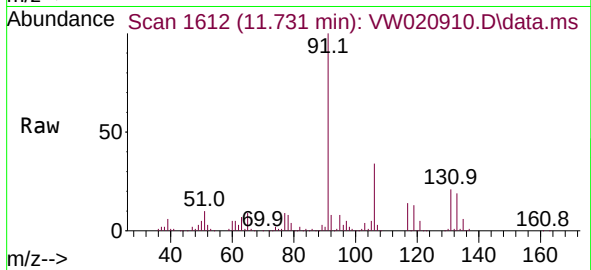




#67  
Ethyl Benzene  
Concen: 47.137 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

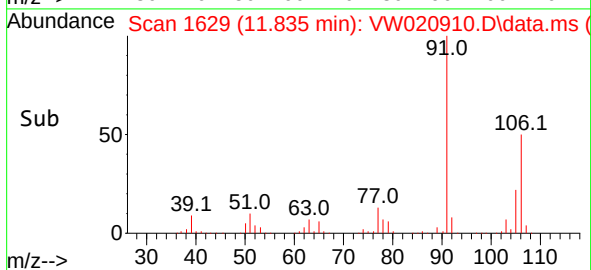
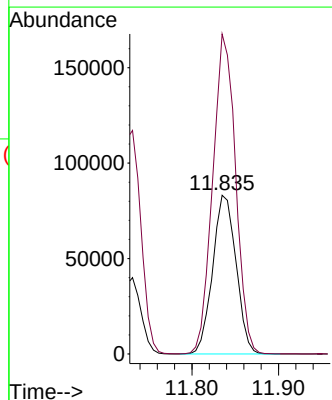
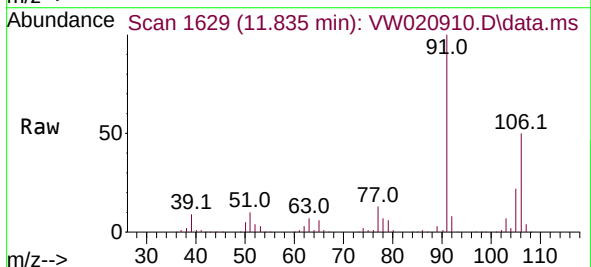
Instrument :  
MSVOA\_W  
ClientSampleId :

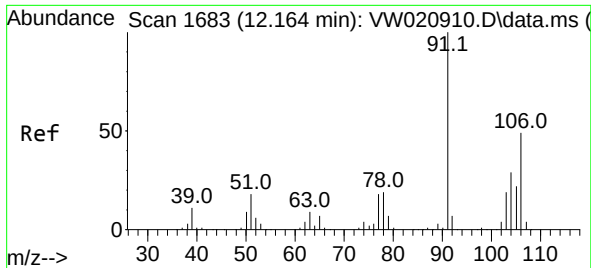
Tgt Ion: 91 Resp: 193382  
Ion Ratio Lower Upper  
91 100  
106 34.1 27.3 40.9



#68  
m/p-Xylenes  
Concen: 97.747 ug/l  
RT: 11.835 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion:106 Resp: 156265  
Ion Ratio Lower Upper  
106 100  
91 197.3 157.8 236.8

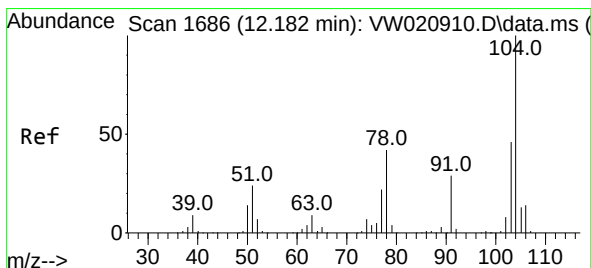
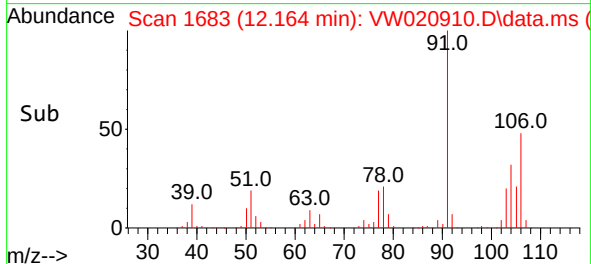
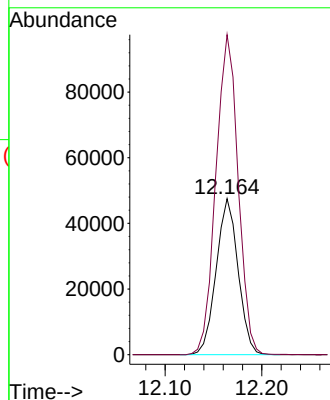
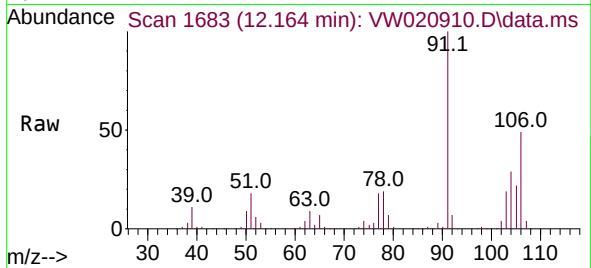




#69  
o-Xylene  
Concen: 50.374 ug/l  
RT: 12.164 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

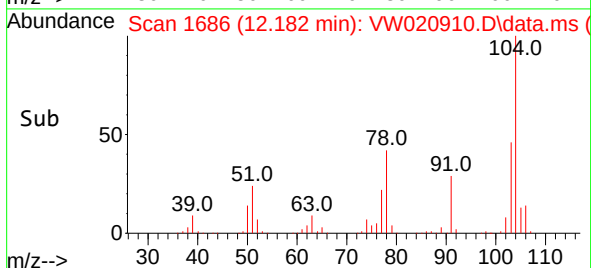
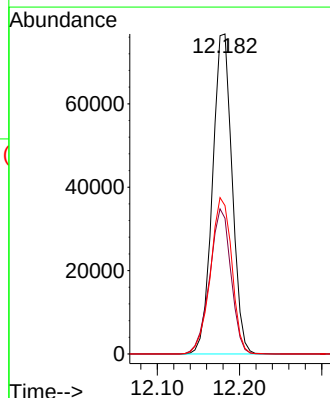
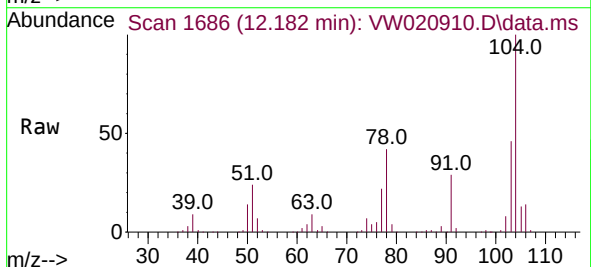
Instrument :  
MSVOA\_W  
ClientSampleId :

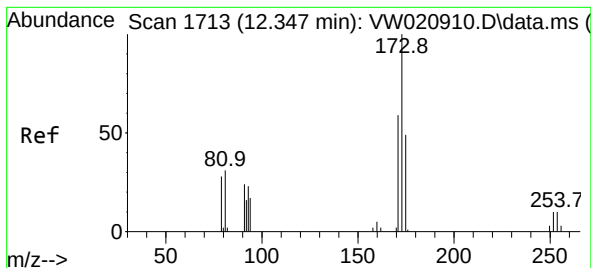
Tgt Ion:106 Resp: 74695  
Ion Ratio Lower Upper  
106 100  
91 208.6 104.3 312.9



#70  
Styrene  
Concen: 50.351 ug/l  
RT: 12.182 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion:104 Resp: 127152  
Ion Ratio Lower Upper  
104 100  
78 49.3 39.4 59.2  
103 53.2 42.6 63.8





#71

Bromoform

Concen: 50.010 ug/l

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW020910.D

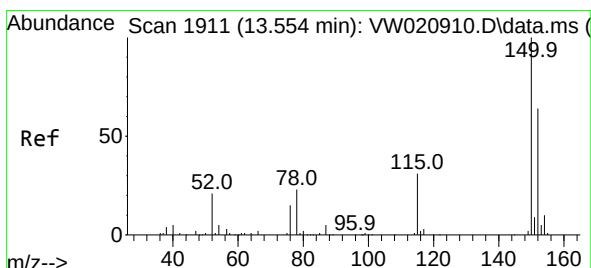
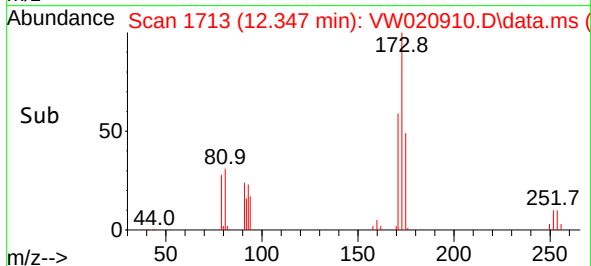
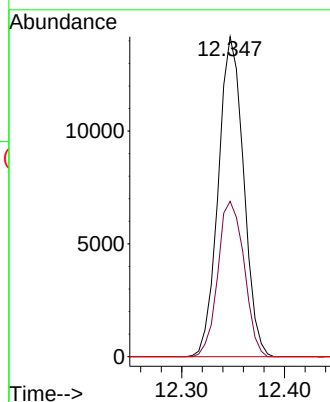
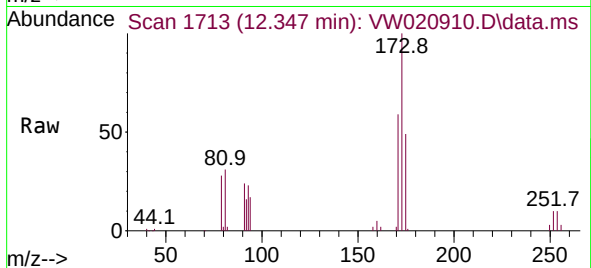
Acq: 17 Nov 2021 16:57

Instrument :

MSVOA\_W

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 24238 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 50.2  | 25.1  | 75.3  |
| 254       | 0.0   | 0.0   | 0.0   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

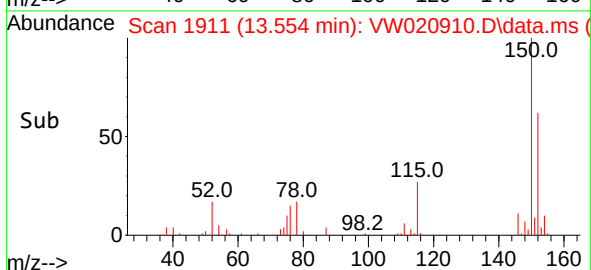
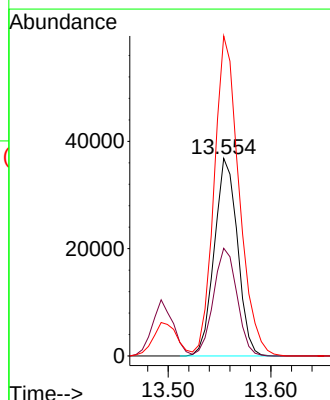
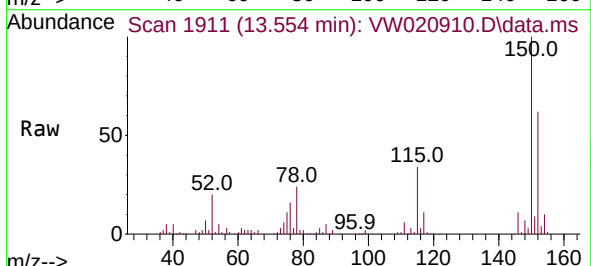
RT: 13.554 min Scan# 1911

Delta R.T. 0.000 min

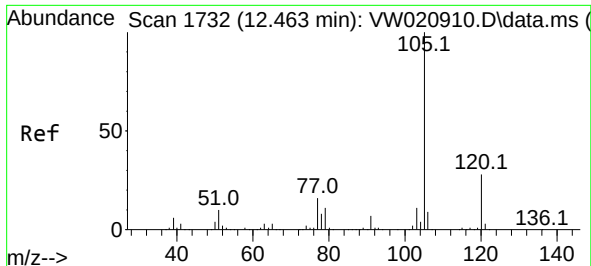
Lab File: VW020910.D

Acq: 17 Nov 2021 16:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 57528 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 55.5  | 27.8  | 83.3  |
| 150       | 174.2 | 0.0   | 348.4 |



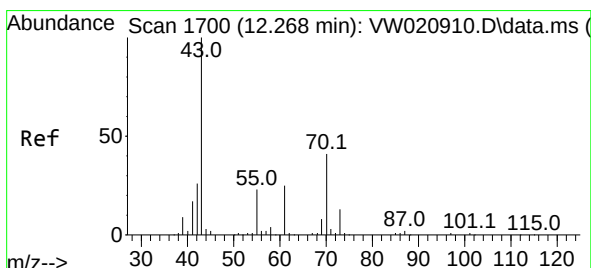
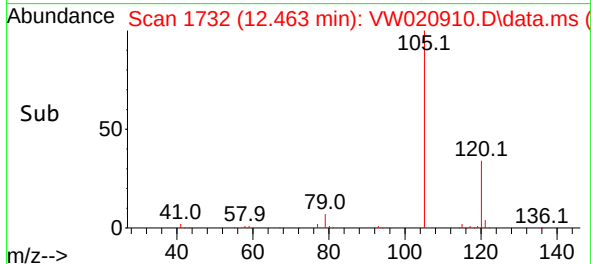
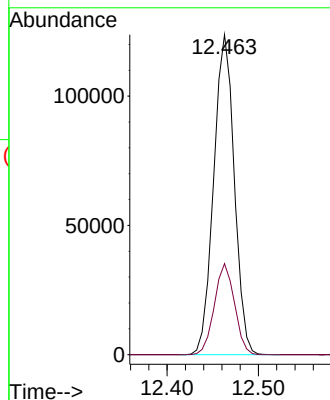
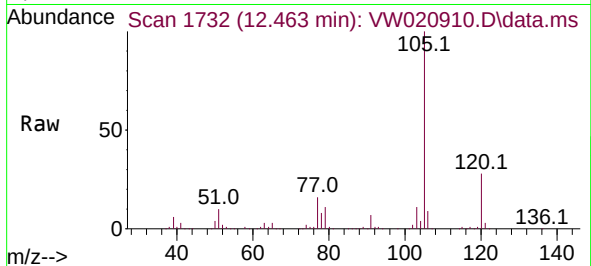




#73  
Isopropylbenzene  
Concen: 47.377 ug/l  
RT: 12.463 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

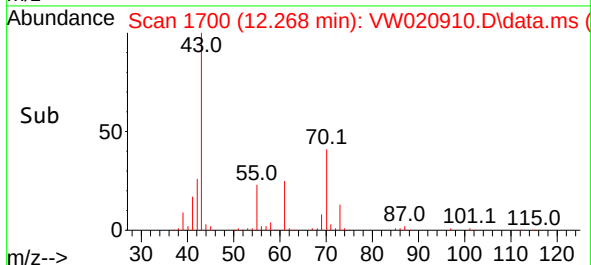
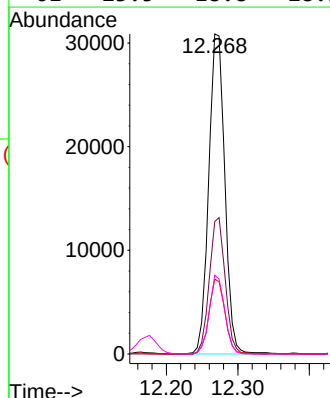
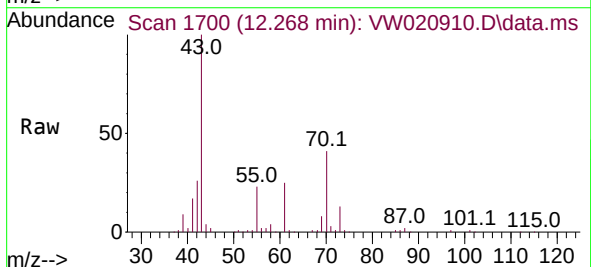
Instrument :  
MSVOA\_W  
ClientSampleId :

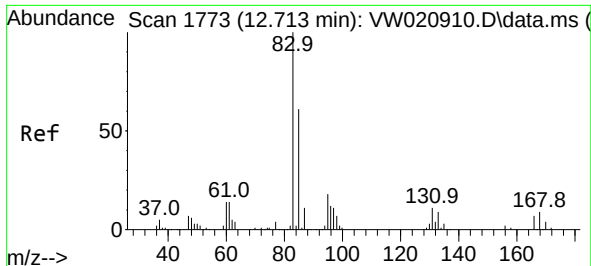
Tgt Ion:105 Resp: 193678  
Ion Ratio Lower Upper  
105 100  
120 27.8 13.9 41.7



#74  
N-ethyl acetate  
Concen: 49.262 ug/l  
RT: 12.268 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion: 43 Resp: 48239  
Ion Ratio Lower Upper  
43 100  
70 42.1 33.7 50.5  
55 23.1 18.5 27.7  
61 23.5 18.8 28.2

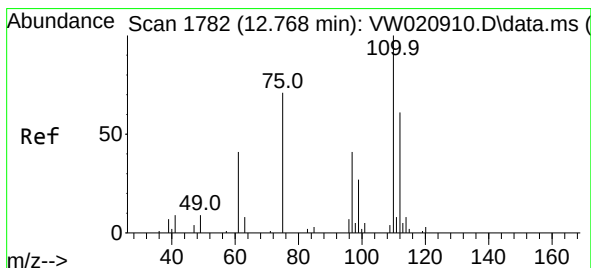
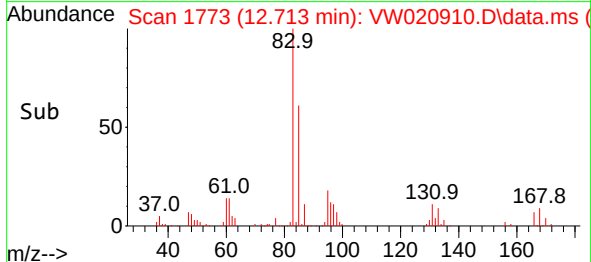
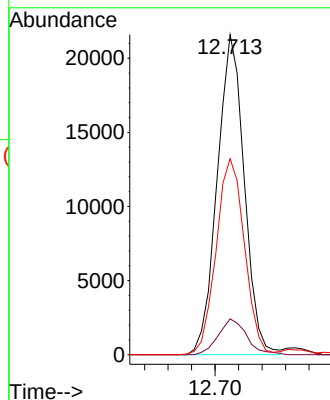
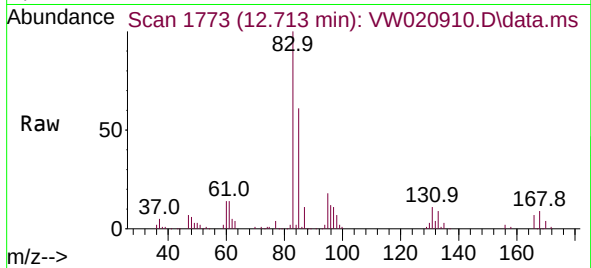




#75  
1,1,2,2-Tetrachloroethane  
Concen: 45.677 ug/l  
RT: 12.713 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

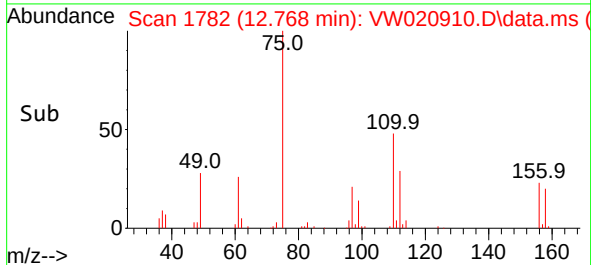
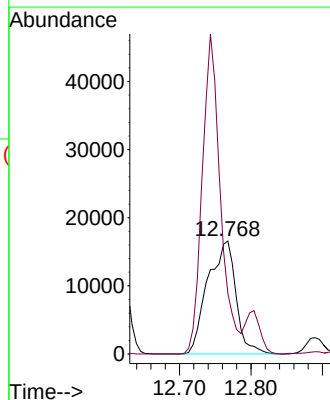
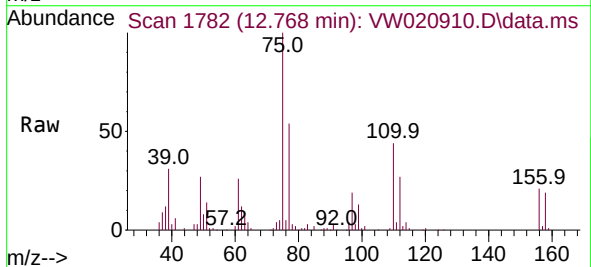
Instrument :  
MSVOA\_W  
ClientSampleId :

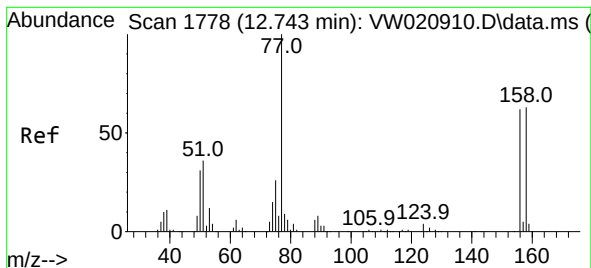
Tgt Ion: 83 Resp: 34554  
Ion Ratio Lower Upper  
83 100  
131 11.7 5.9 17.6  
85 64.0 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 73.764 ug/l  
RT: 12.768 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion: 75 Resp: 45344  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.728 ug/l

RT: 12.743 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VW020910.D

Acq: 17 Nov 2021 16:57

Instrument :

MSVOA\_W

ClientSampleId :

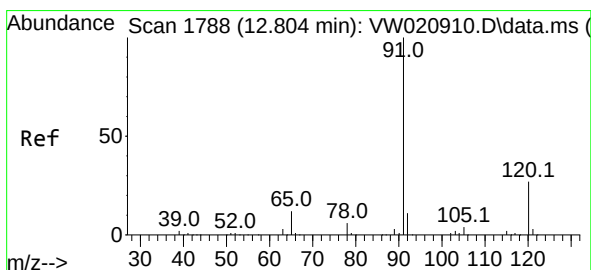
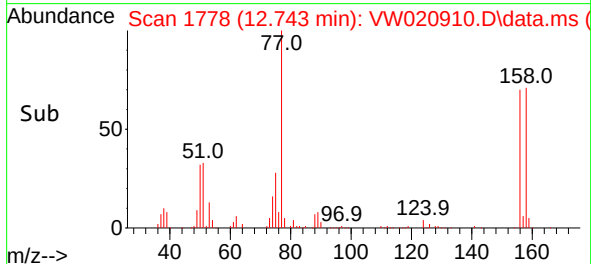
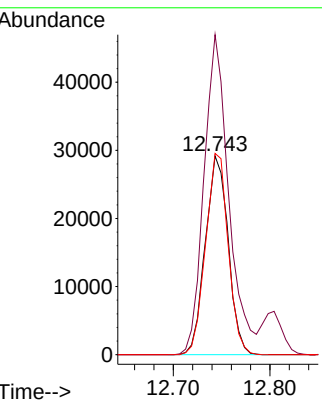
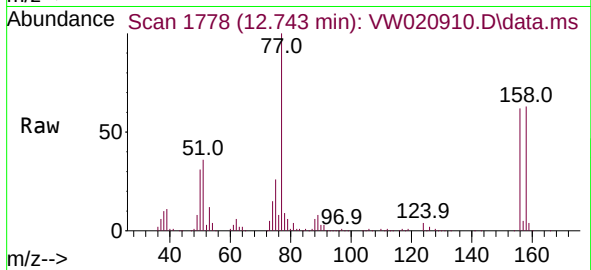
Tgt Ion:156 Resp: 47942

Ion Ratio Lower Upper

156 100

77 174.0 87.0 261.0

158 99.6 49.8 149.4



#78

n-propylbenzene

Concen: 45.969 ug/l

RT: 12.804 min Scan# 1788

Delta R.T. 0.000 min

Lab File: VW020910.D

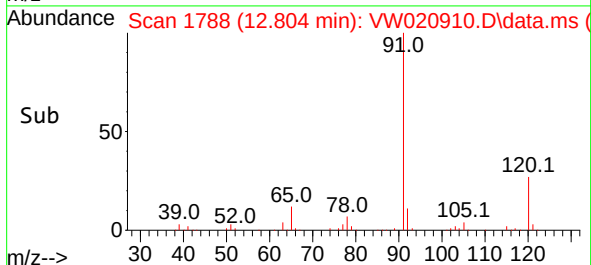
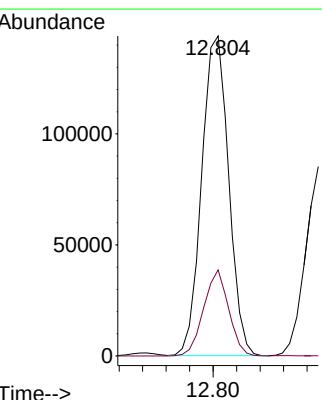
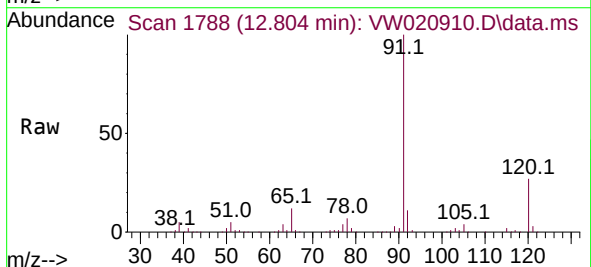
Acq: 17 Nov 2021 16:57

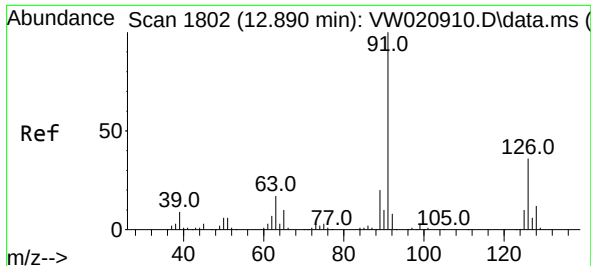
Tgt Ion: 91 Resp: 229398

Ion Ratio Lower Upper

91 100

120 24.9 12.4 37.4





#79

2-Chlorotoluene

Concen: 46.534 ug/l

RT: 12.890 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VW020910.D

Acq: 17 Nov 2021 16:57

Instrument :

MSVOA\_W

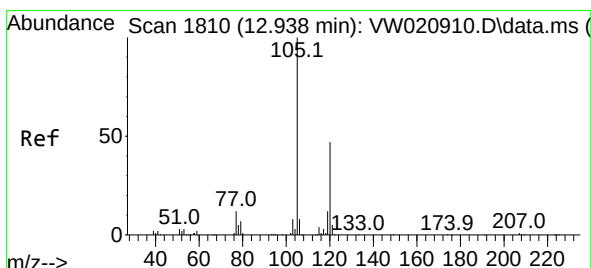
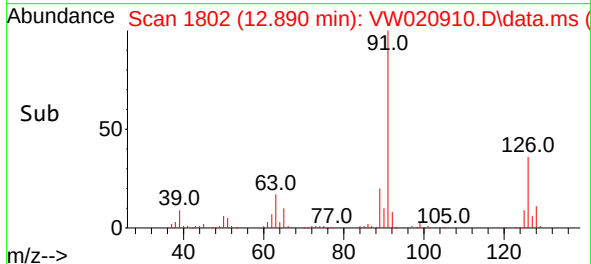
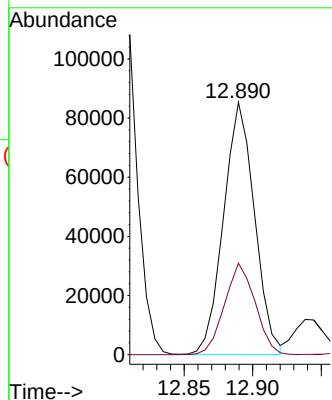
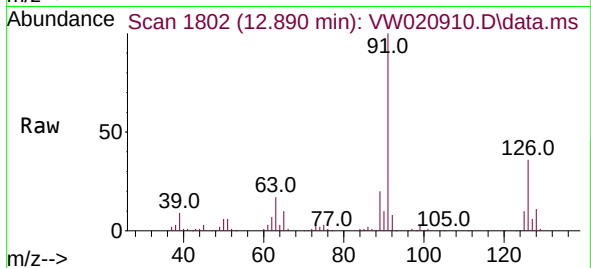
ClientSampleId :

Tgt Ion: 91 Resp: 134232

Ion Ratio Lower Upper

91 100

126 36.0 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 48.350 ug/l

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW020910.D

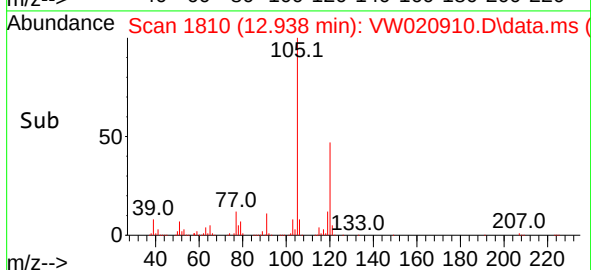
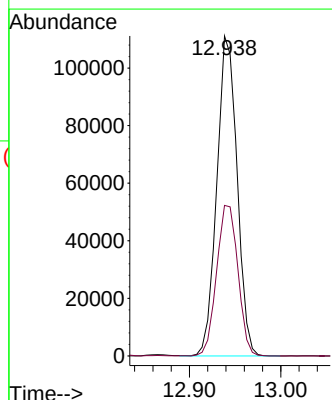
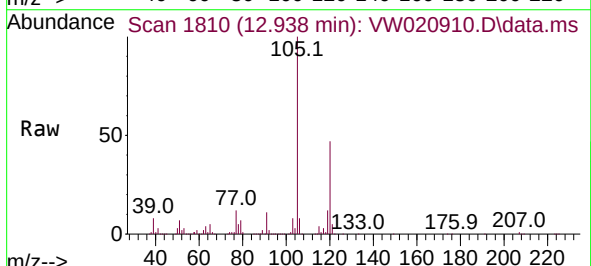
Acq: 17 Nov 2021 16:57

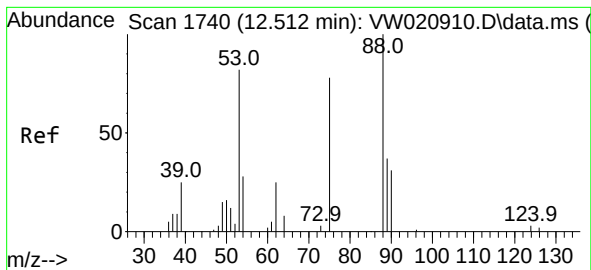
Tgt Ion:105 Resp: 171319

Ion Ratio Lower Upper

105 100

120 49.4 24.7 74.1

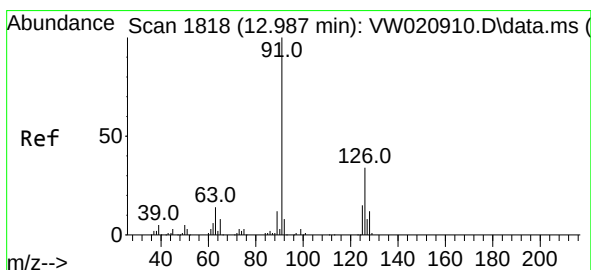
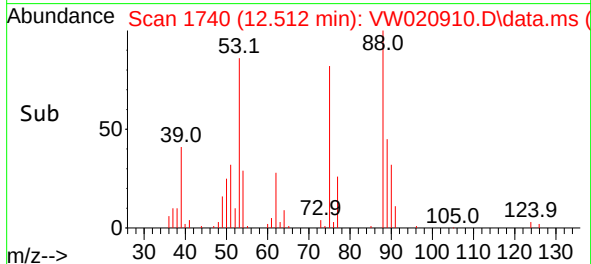
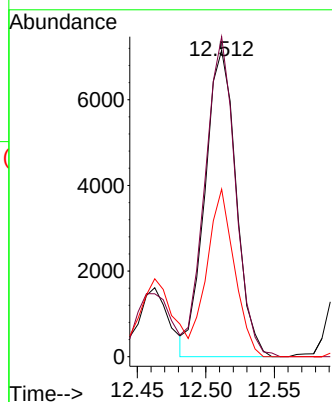
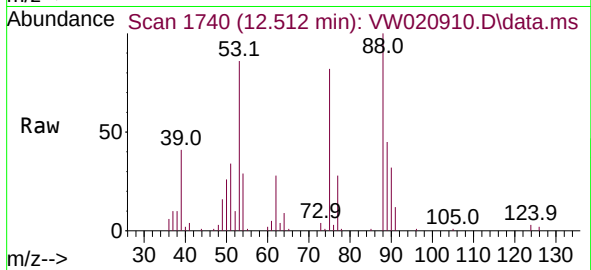




#81  
trans-1,4-Dichloro-2-butene  
Concen: 47.125 ug/l  
RT: 12.512 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

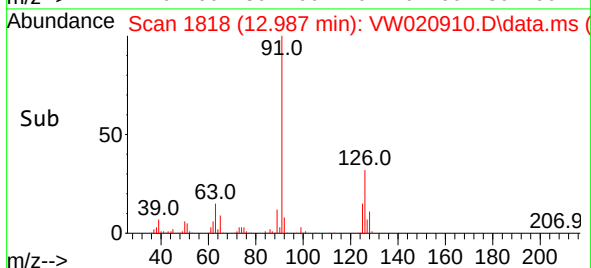
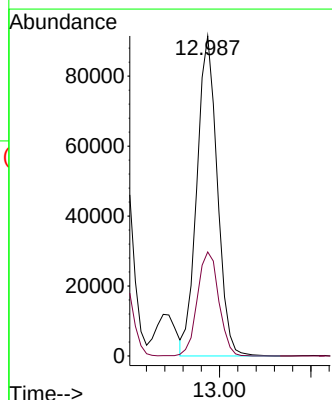
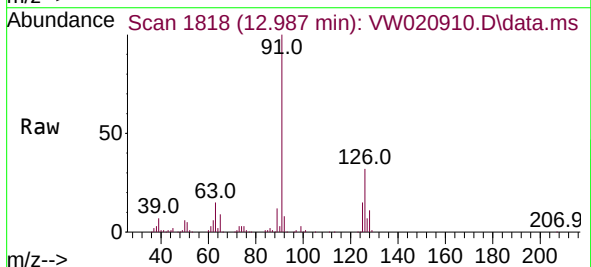
Instrument :  
MSVOA\_W  
ClientSampleId :

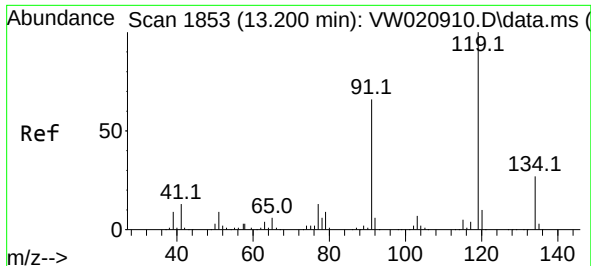
Tgt Ion: 75 Resp: 11293  
Ion Ratio Lower Upper  
75 100  
53 102.3 81.8 122.8  
89 48.2 38.6 57.8



#82  
4-Chlorotoluene  
Concen: 46.583 ug/l  
RT: 12.987 min Scan# 1818  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion: 91 Resp: 141564  
Ion Ratio Lower Upper  
91 100  
126 34.1 17.1 51.2

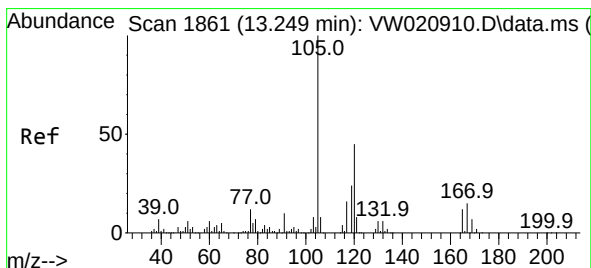
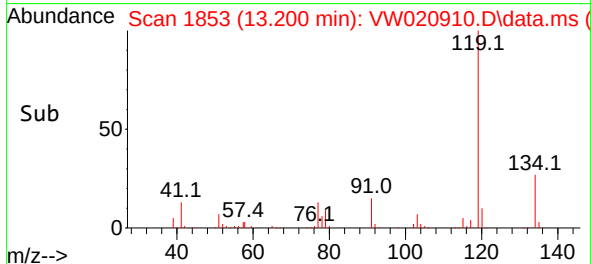
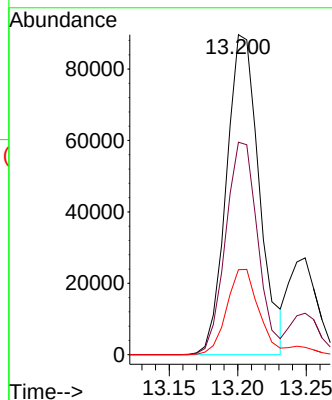
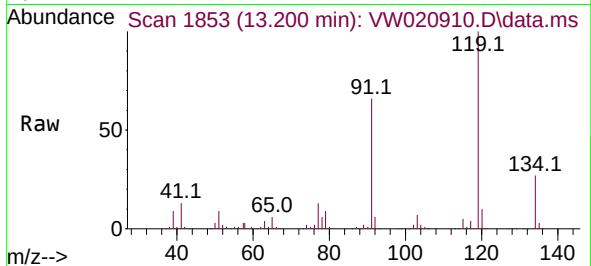




#83  
tert-Butylbenzene  
Concen: 48.940 ug/l  
RT: 13.200 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

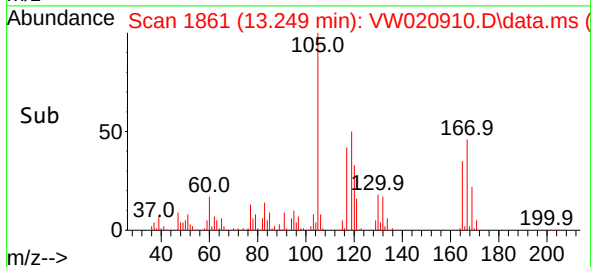
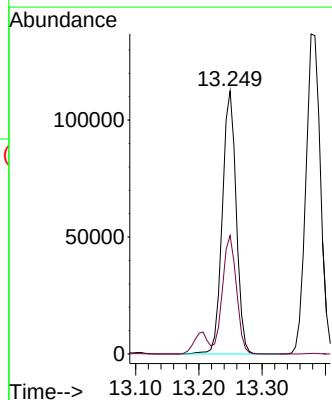
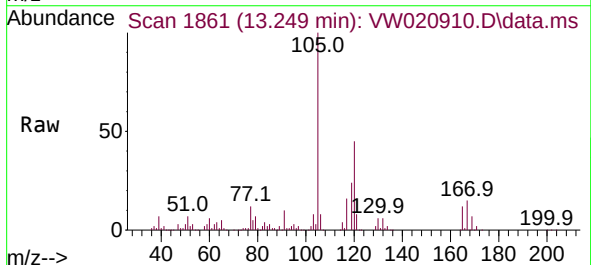
Instrument :  
MSVOA\_W  
ClientSampleId :

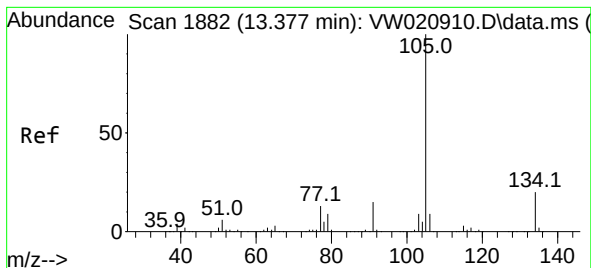
Tgt Ion:119 Resp: 149790  
Ion Ratio Lower Upper  
119 100  
91 65.2 32.6 97.8  
134 26.3 13.2 39.5



#84  
1,2,4-Trimethylbenzene  
Concen: 48.539 ug/l  
RT: 13.249 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion:105 Resp: 170554  
Ion Ratio Lower Upper  
105 100  
120 45.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 47.596 ug/l

RT: 13.377 min Scan# 1882

Delta R.T. 0.000 min

Lab File: VW020910.D

Acq: 17 Nov 2021 16:57

Instrument :

MSVOA\_W

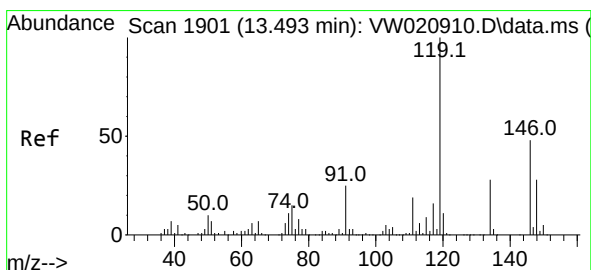
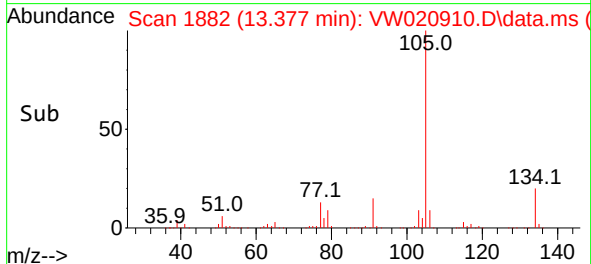
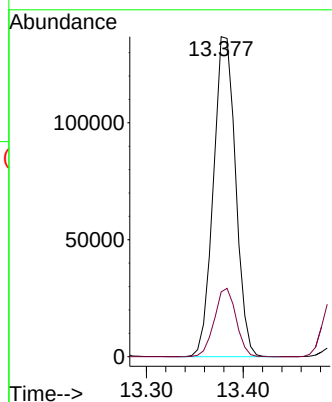
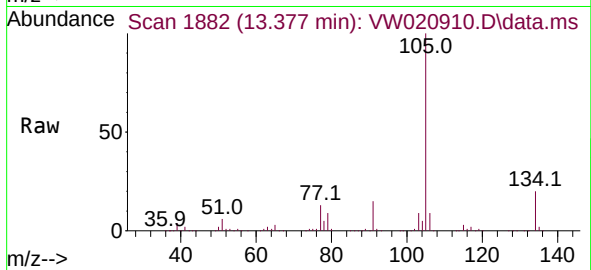
ClientSampleId :

Tgt Ion:105 Resp: 217896

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.4



#86

p-Isopropyltoluene

Concen: 48.245 ug/l

RT: 13.493 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VW020910.D

Acq: 17 Nov 2021 16:57

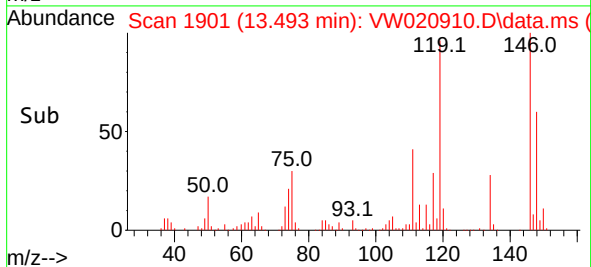
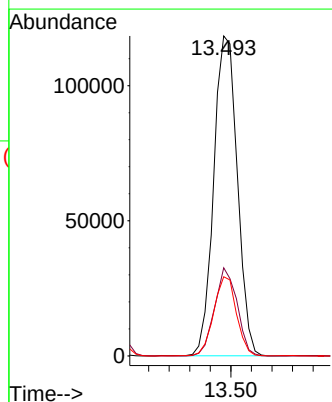
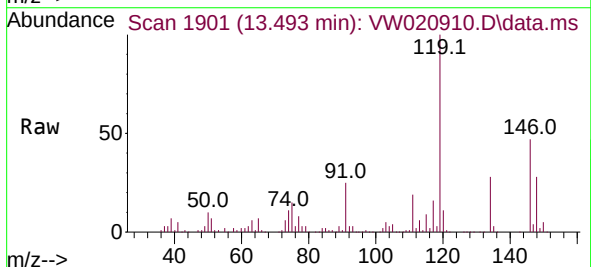
Tgt Ion:119 Resp: 188528

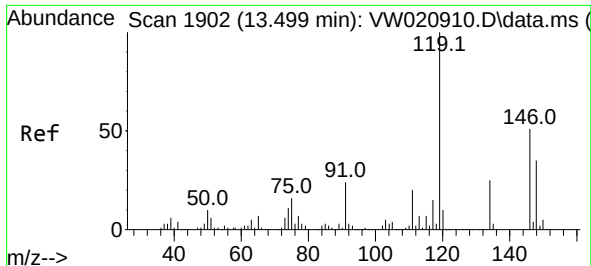
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 23.9 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 47.713 ug/l

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW020910.D

Acq: 17 Nov 2021 16:57

Instrument :

MSVOA\_W

ClientSampleId :

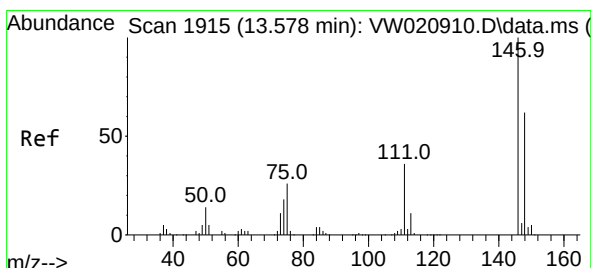
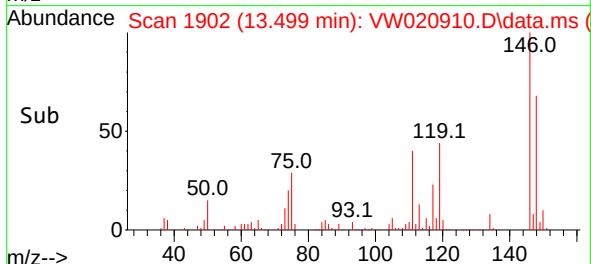
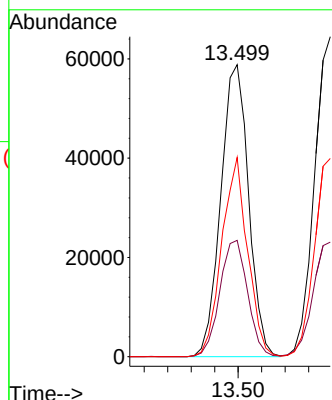
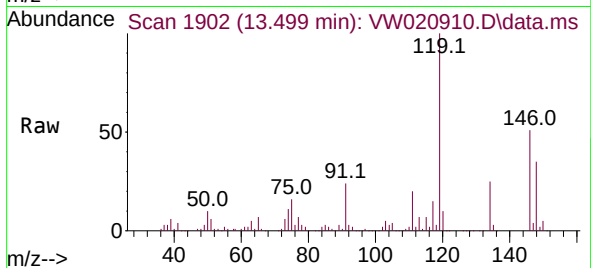
Tgt Ion:146 Resp: 96660

Ion Ratio Lower Upper

146 100

111 39.9 20.0 59.9

148 63.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 49.077 ug/l

RT: 13.578 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW020910.D

Acq: 17 Nov 2021 16:57

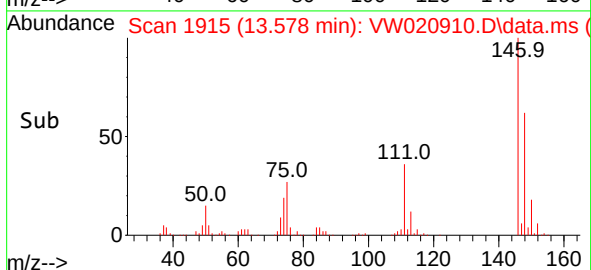
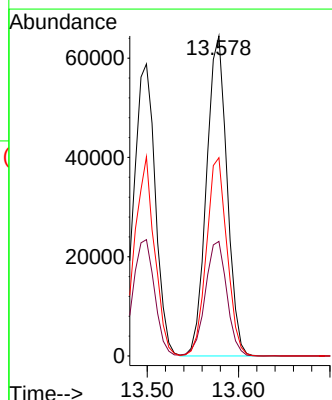
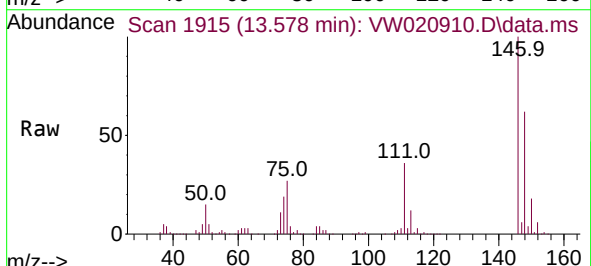
Tgt Ion:146 Resp: 100429

Ion Ratio Lower Upper

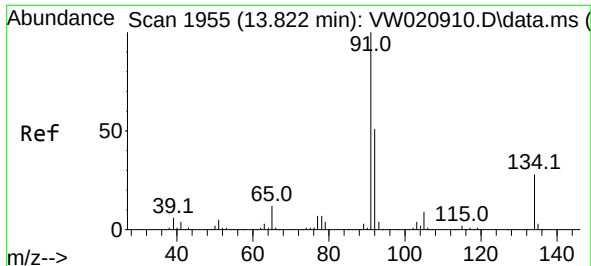
146 100

111 37.6 18.8 56.4

148 62.1 31.1 93.2



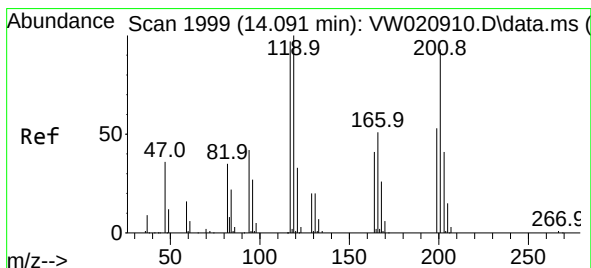
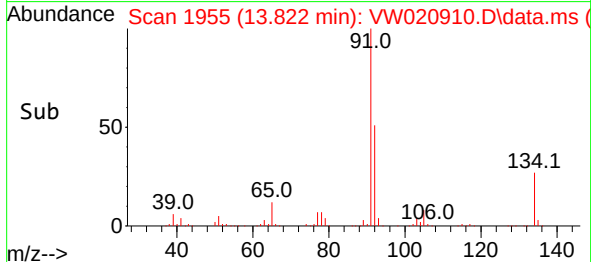
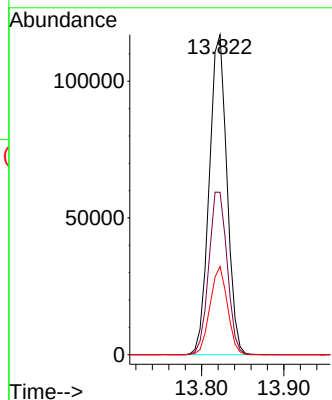
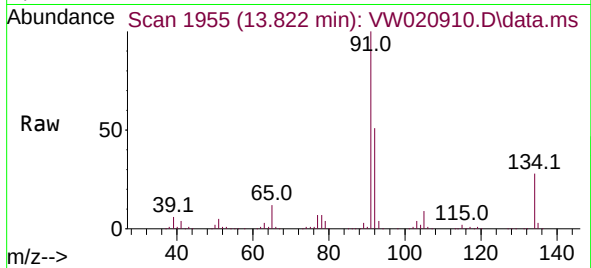




#89  
n-Butylbenzene  
Concen: 48.192 ug/l  
RT: 13.822 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

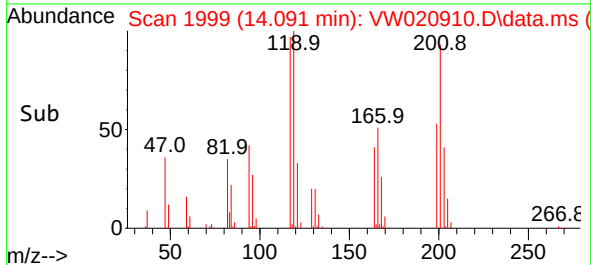
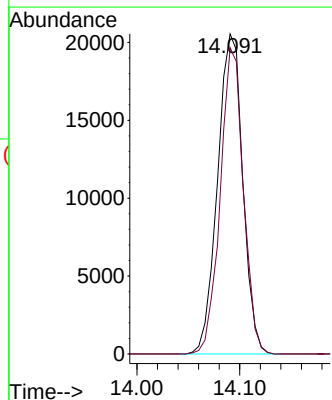
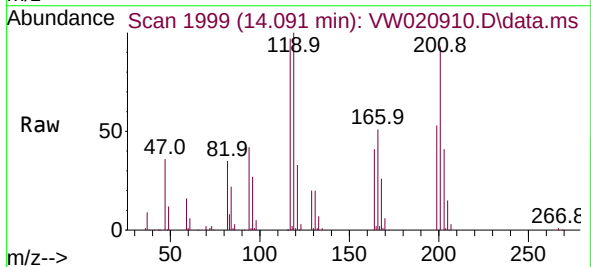
Instrument :  
MSVOA\_W  
ClientSampleId :

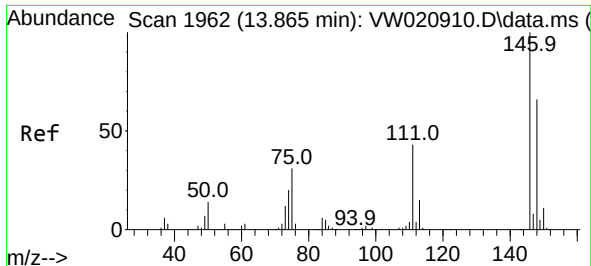
Tgt Ion: 91 Resp: 174545  
Ion Ratio Lower Upper  
91 100  
92 52.9 26.5 79.4  
134 27.2 13.6 40.8



#90  
Hexachloroethane  
Concen: 50.381 ug/l  
RT: 14.091 min Scan# 1999  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion: 117 Resp: 34964  
Ion Ratio Lower Upper  
117 100  
201 87.6 43.8 131.4

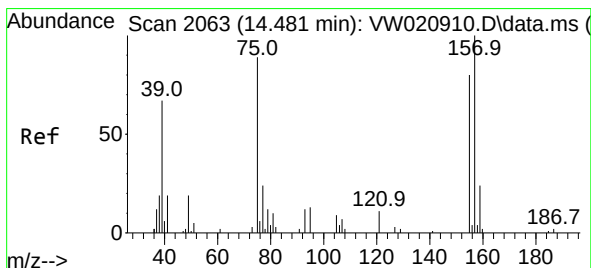
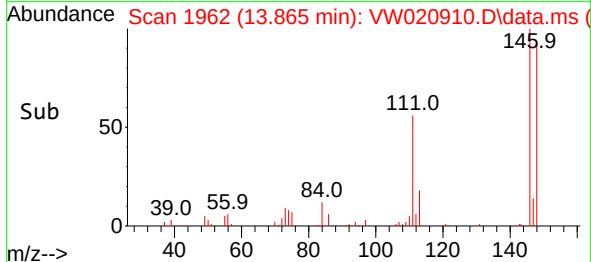
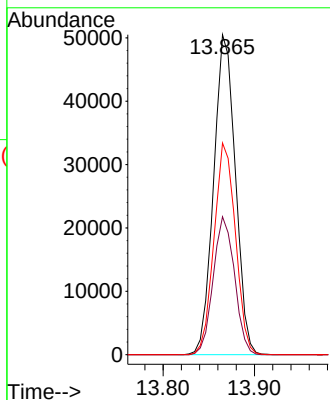
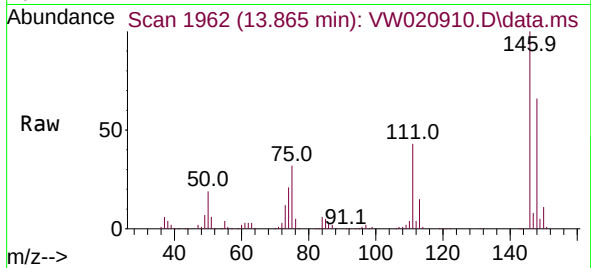




#91  
1,2-Dichlorobenzene  
Concen: 46.421 ug/l  
RT: 13.865 min Scan# 1962  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

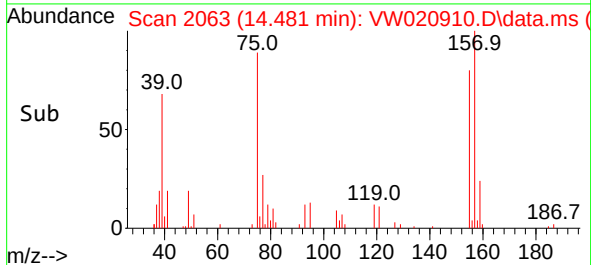
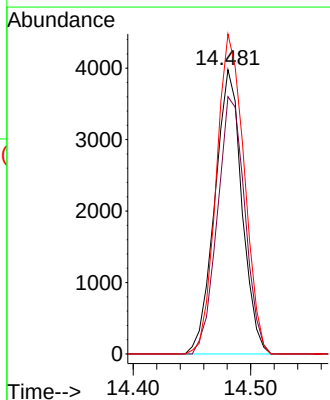
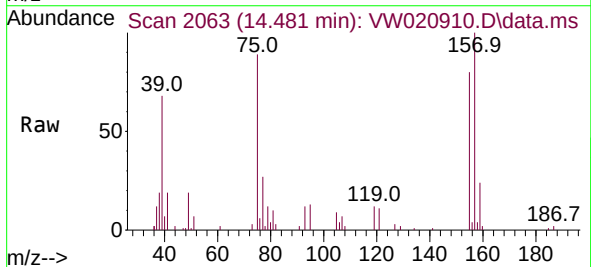
Instrument :  
MSVOA\_W  
ClientSampleId :

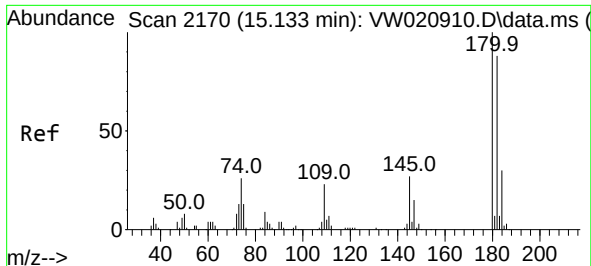
Tgt Ion:146 Resp: 83611  
Ion Ratio Lower Upper  
146 100  
111 42.2 21.1 63.3  
148 65.2 32.6 97.8



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 46.942 ug/l  
RT: 14.481 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion: 75 Resp: 6384  
Ion Ratio Lower Upper  
75 100  
155 91.7 45.9 137.6  
157 115.6 57.8 173.4

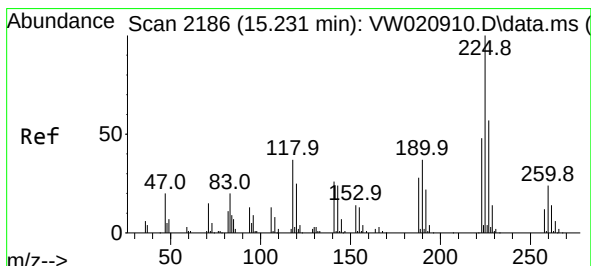
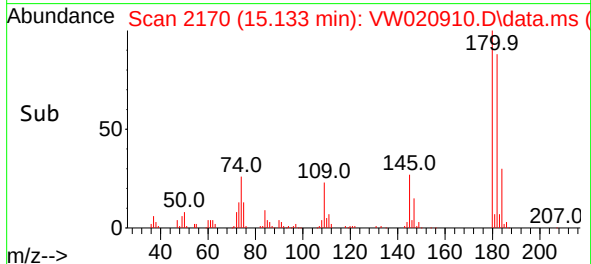
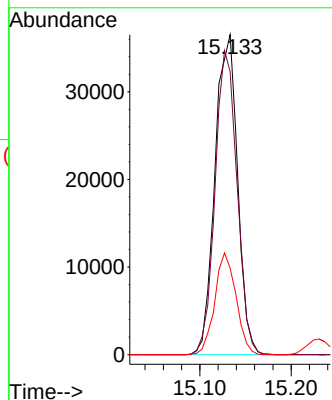
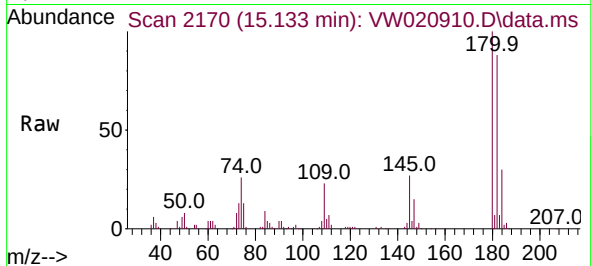




#93  
1,2,4-Trichlorobenzene  
Concen: 51.315 ug/l  
RT: 15.133 min Scan# 2170  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

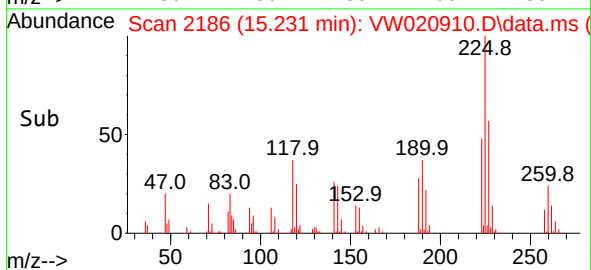
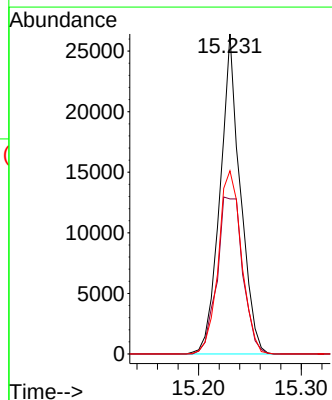
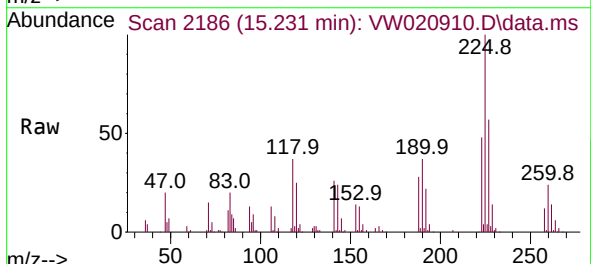
Instrument :  
MSVOA\_W  
ClientSampleId :

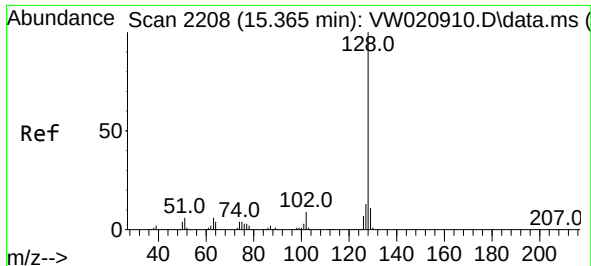
Tgt Ion:180 Resp: 62510  
Ion Ratio Lower Upper  
180 100  
182 92.9 46.5 139.3  
145 30.1 15.0 45.1



#94  
Hexachlorobutadiene  
Concen: 46.652 ug/l  
RT: 15.231 min Scan# 2186  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion:225 Resp: 36013  
Ion Ratio Lower Upper  
225 100  
223 62.2 31.1 93.3  
227 65.5 32.8 98.3

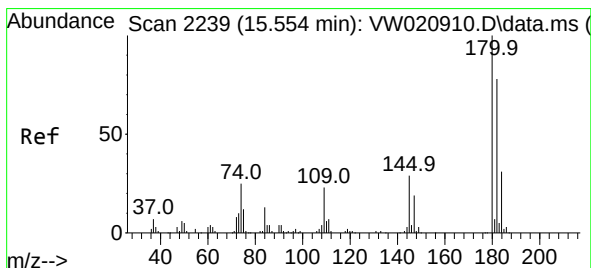
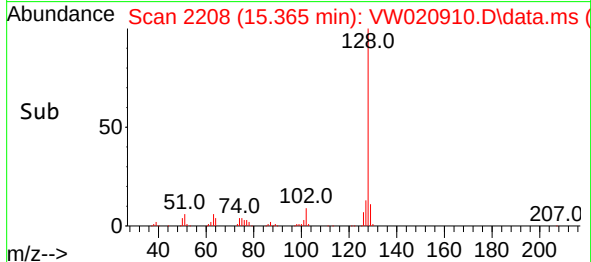
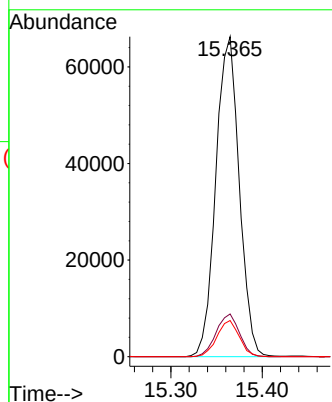
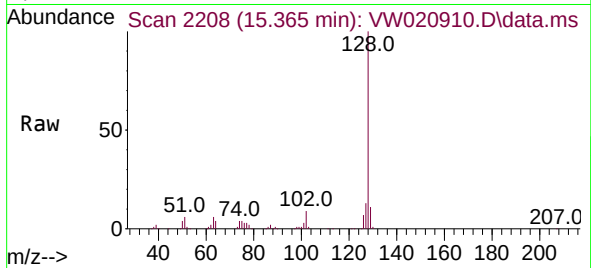




#95  
Naphthalene  
Concen: 54.759 ug/l  
RT: 15.365 min Scan# 2208  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion:128 Resp: 117981  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.6 16.0  
129 10.8 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 51.492 ug/l  
RT: 15.554 min Scan# 2239  
Delta R.T. 0.000 min  
Lab File: VW020910.D  
Acq: 17 Nov 2021 16:57

Tgt Ion:180 Resp: 56565  
Ion Ratio Lower Upper  
180 100  
182 92.4 46.2 138.6  
145 29.7 14.9 44.5

