

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY122624\  
 Data File : VY020706.D  
 Acq On : 26 Dec 2024 09:31  
 Operator : SY/MD  
 Sample : VSTDIC005  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Dec 26 16:01:53 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y122624S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 26 15:59:15 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.720  | 168   | 118156   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.622  | 114   | 168634   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.426 | 117   | 139342   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.359 | 152   | 68108    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.073  | 65    | 3955     | 4.087    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 8.180%#  |
| 35) Dibromofluoromethane     | 7.646  | 113   | 3966     | 4.270    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 8.540%#  |
| 50) Toluene-d8               | 10.115 | 98    | 12366    | 4.957    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 134 | Recovery | =      | 9.920%#  |
| 62) 4-Bromofluorobenzene     | 12.414 | 95    | 5109     | 4.139    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 29 - 146 | Recovery | =      | 8.280%#  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.873  | 85    | 4346     | 4.673    | ug/l   | 85       |
| 3) Chloromethane             | 2.074  | 50    | 1604     | 4.624    | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.214  | 62    | 1987     | 4.624    | ug/l   | 97       |
| 5) Bromomethane              | 2.611  | 94    | 1547     | 4.768    | ug/l   | 81       |
| 6) Chloroethane              | 2.757  | 64    | 1195     | 4.635    | ug/l # | 81       |
| 7) Trichlorofluoromethane    | 3.074  | 101   | 7688     | 4.652    | ug/l   | 88       |
| 8) Diethyl Ether             | 3.470  | 74    | 1765     | 4.488    | ug/l   | 83       |
| 9) 1,1,2-Trichlorotrifluo... | 3.824  | 101   | 4090     | 4.508    | ug/l   | 93       |
| 10) Methyl Iodide            | 4.019  | 142   | 4193     | 4.226    | ug/l   | 99       |
| 11) Tert butyl alcohol       | 4.885  | 59    | 1986     | 13.066   | ug/l # | 89       |
| 12) 1,1-Dichloroethene       | 3.818  | 96    | 3846     | 4.763    | ug/l # | 80       |
| 13) Acrolein                 | 3.678  | 56    | 596      | 29.459   | ug/l   | 93       |
| 14) Allyl chloride           | 4.403  | 41    | 4206     | 4.451    | ug/l   | 99       |
| 15) Acrylonitrile            | 5.074  | 53    | 3397     | 22.361   | ug/l # | 89       |
| 16) Acetone                  | 3.897  | 43    | 2982     | 24.288   | ug/l   | 95       |
| 17) Carbon Disulfide         | 4.129  | 76    | 8806     | 4.445    | ug/l   | 97       |
| 18) Methyl Acetate           | 4.403  | 43    | 1356     | 4.081    | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.129  | 73    | 10398    | 4.620    | ug/l   | 97       |
| 20) Methylene Chloride       | 4.629  | 84    | 1917     | 2.403    | ug/l   | 92       |
| 21) trans-1,2-Dichloroethene | 5.122  | 96    | 4008     | 4.606    | ug/l   | 91       |
| 22) Diisopropyl ether        | 6.031  | 45    | 8608     | 4.481    | ug/l # | 86       |
| 23) Vinyl Acetate            | 5.982  | 43    | 25395    | 22.132   | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 5.927  | 63    | 6745     | 4.683    | ug/l   | 93       |
| 25) 2-Butanone               | 6.909  | 43    | 4081     | 24.607   | ug/l   | 94       |
| 26) 2,2-Dichloropropane      | 6.890  | 77    | 8915     | 5.057    | ug/l   | 94       |
| 27) cis-1,2-Dichloroethene   | 6.915  | 96    | 4953     | 4.753    | ug/l   | 95       |
| 28) Bromochloromethane       | 7.268  | 49    | 1572     | 4.127    | ug/l # | 100      |
| 29) Tetrahydrofuran          | 7.281  | 42    | 2337     | 22.956   | ug/l   | 95       |
| 30) Chloroform               | 7.433  | 83    | 9912     | 5.350    | ug/l   | 93       |
| 31) Cyclohexane              | 7.713  | 56    | 7429     | 5.976    | ug/l # | 81       |
| 32) 1,1,1-Trichloroethane    | 7.634  | 97    | 9621     | 4.844    | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 7.848  | 75    | 5685     | 4.633    | ug/l   | 96       |
| 37) Ethyl Acetate            | 7.012  | 43    | 1951     | 4.825    | ug/l # | 86       |
| 38) Carbon Tetrachloride     | 7.829  | 117   | 9371     | 4.638    | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.122  | 83    | 7196     | 4.576    | ug/l   | 95       |
| 40) Benzene                  | 8.098  | 78    | 16340    | 4.595    | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY122624\  
 Data File : VY020706.D  
 Acq On : 26 Dec 2024 09:31  
 Operator : SY/MD  
 Sample : VSTDIC005  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Dec 26 16:01:53 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y122624S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 26 15:59:15 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.226  | 41   | 865      | 4.235  | ug/l # | 84       |
| 42) 1,2-Dichloroethane        | 8.171  | 62   | 5012     | 4.396  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.201  | 43   | 3867     | 4.500  | ug/l   | 99       |
| 44) Trichloroethene           | 8.872  | 130  | 4862     | 4.578  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.152  | 63   | 3462     | 4.810  | ug/l   | 94       |
| 46) Dibromomethane            | 9.238  | 93   | 2330     | 4.678  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.433  | 83   | 6469     | 4.581  | ug/l   | 89       |
| 48) Methyl methacrylate       | 9.238  | 41   | 1784     | 4.445  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.250  | 88   | 342      | 72.090 | ug/l # | 80       |
| 51) 4-Methyl-2-Pentanone      | 10.006 | 43   | 9383     | 22.620 | ug/l   | 99       |
| 52) Toluene                   | 10.182 | 92   | 11031    | 4.526  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.402 | 75   | 5357     | 4.320  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.865  | 75   | 6091     | 4.481  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 10.579 | 97   | 3068     | 4.826  | ug/l # | 93       |
| 56) Ethyl methacrylate        | 10.445 | 69   | 3250     | 3.891  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 10.725 | 76   | 4475     | 4.337  | ug/l   | 95       |
| 58) 2-Chloroethyl Vinyl ether | 9.719  | 63   | 5665     | 19.451 | ug/l   | 95       |
| 59) 2-Hexanone                | 10.768 | 43   | 5560     | 20.301 | ug/l   | 95       |
| 60) Dibromochloromethane      | 10.920 | 129  | 4656     | 4.532  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.024 | 107  | 2672     | 4.467  | ug/l   | 93       |
| 64) Tetrachloroethene         | 10.652 | 164  | 4294     | 4.511  | ug/l   | 92       |
| 65) Chlorobenzene             | 11.451 | 112  | 12888    | 4.724  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.524 | 131  | 5080     | 4.806  | ug/l   | 95       |
| 67) Ethyl Benzene             | 11.524 | 91   | 21456    | 4.499  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.640 | 106  | 16447    | 9.042  | ug/l   | 99       |
| 69) o-Xylene                  | 11.963 | 106  | 7691     | 4.425  | ug/l   | 95       |
| 70) Styrene                   | 11.981 | 104  | 13353    | 4.577  | ug/l   | 96       |
| 71) Bromoform                 | 12.146 | 173  | 2618     | 4.308  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.261 | 105  | 21271    | 4.508  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.078 | 43   | 2662     | 3.970  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.511 | 83   | 2932     | 4.847  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.560 | 75   | 4095     | 8.425  | ug/l # | 100      |
| 77) Bromobenzene              | 12.542 | 156  | 5187     | 4.775  | ug/l   | 95       |
| 78) n-propylbenzene           | 12.603 | 91   | 23980    | 4.534  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.688 | 91   | 13687    | 4.540  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.743 | 105  | 18014    | 4.582  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.310 | 75   | 1030     | 4.700  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 12.786 | 91   | 14294    | 4.588  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.005 | 119  | 16938    | 4.613  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.054 | 105  | 17114    | 4.473  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.182 | 105  | 22583    | 4.564  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.298 | 119  | 19901    | 4.513  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.298 | 146  | 9727     | 4.582  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 13.377 | 146  | 10161    | 4.811  | ug/l   | 93       |
| 89) n-Butylbenzene            | 13.627 | 91   | 16045    | 4.359  | ug/l   | 98       |
| 90) Hexachloroethane          | 13.883 | 117  | 3991     | 4.760  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 13.670 | 146  | 8154     | 4.480  | ug/l   | 94       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.291 | 75   | 460      | 3.921  | ug/l   | 86       |
| 93) 1,2,4-Trichlorobenzene    | 14.932 | 180  | 4536     | 3.920  | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 15.035 | 225  | 3664     | 4.345  | ug/l   | 98       |
| 95) Naphthalene               | 15.157 | 128  | 6669     | 3.599  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.340 | 180  | 3615     | 3.753  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY122624\  
Data File : VY020706.D  
Acq On : 26 Dec 2024 09:31  
Operator : SY/MD  
Sample : VSTDICC005  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 3 Sample Multiplier: 1

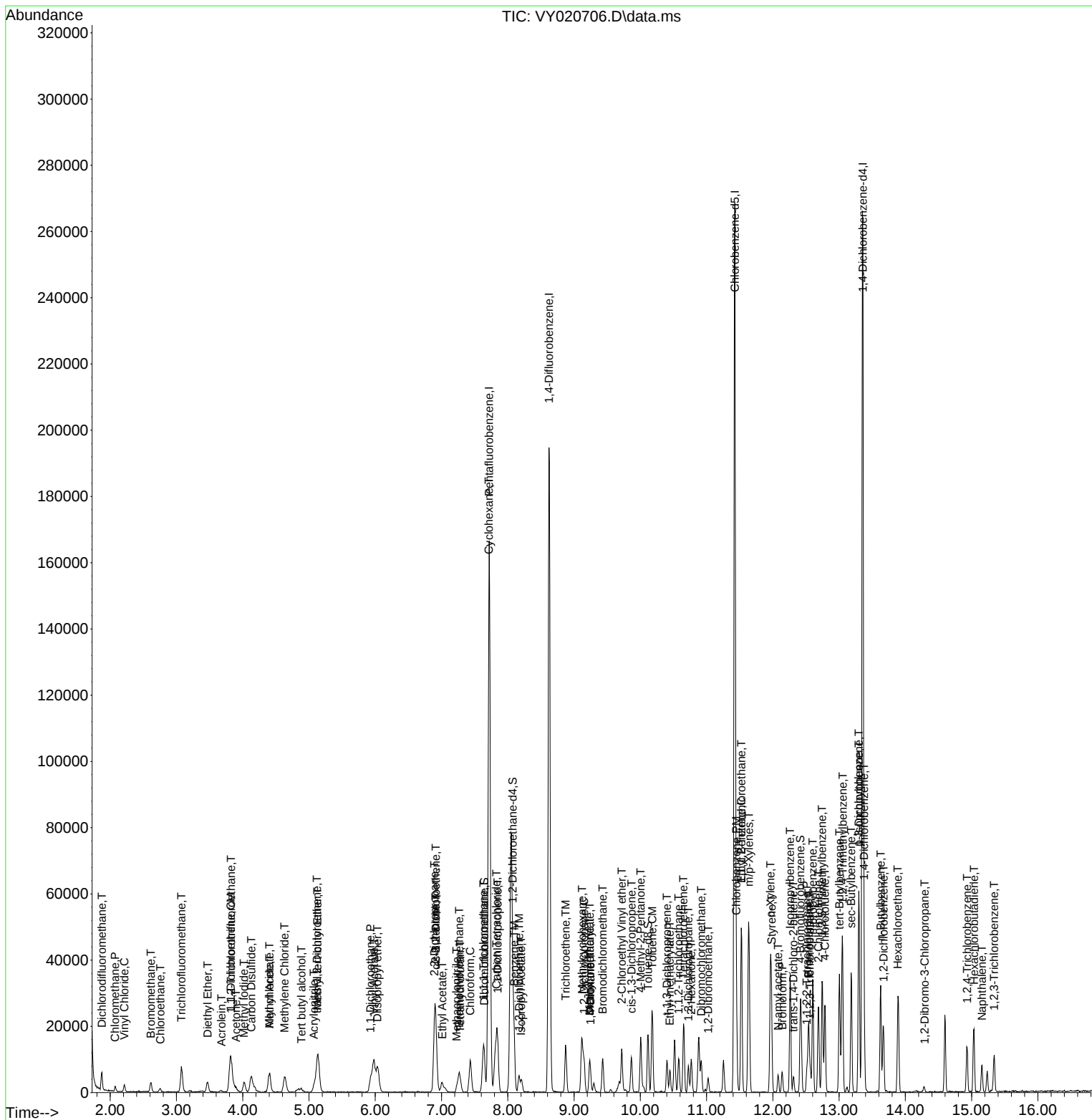
Instrument :  
MSVOA\_Y  
ClientSampleId :

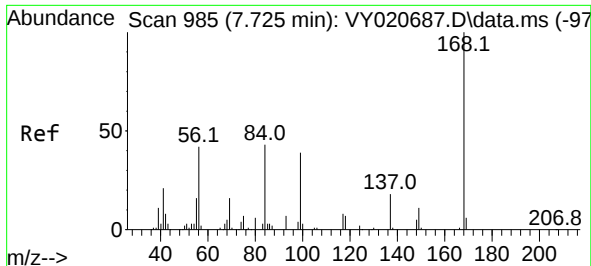
Quant Time: Dec 26 16:01:53 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y122624S.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 26 15:59:15 2024  
Response via : Initial Calibration

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

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

Quant Time: Dec 26 16:01:53 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y122624S.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 26 15:59:15 2024  
Response via : Initial Calibration

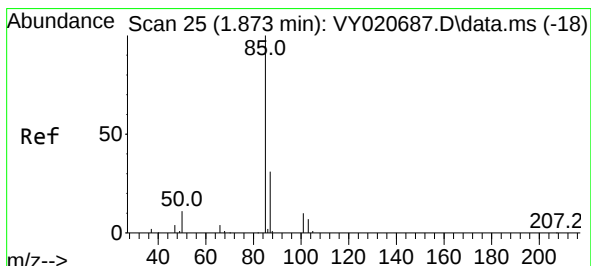
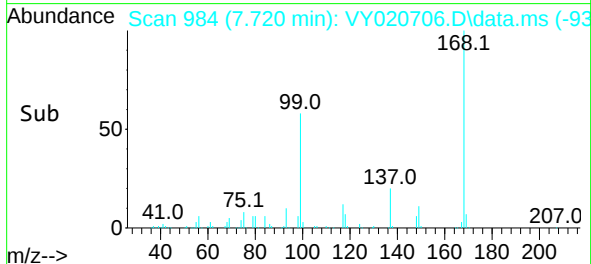
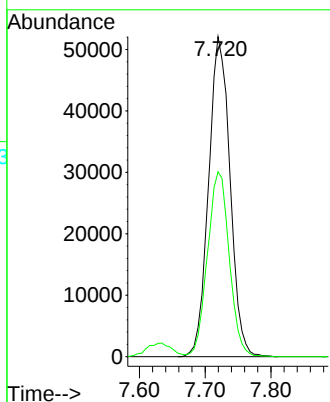
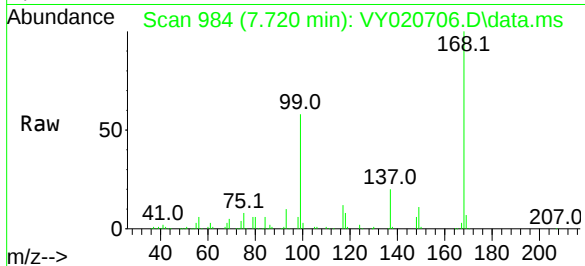




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.720 min Scan# 985  
Delta R.T. -0.005 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

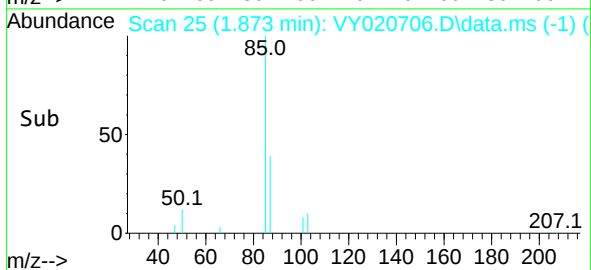
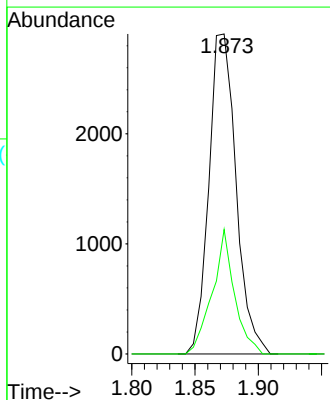
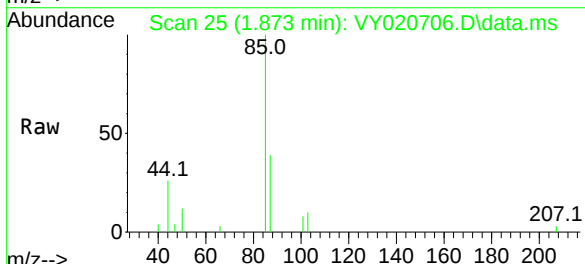
Instrument :  
MSVOA\_Y  
ClientSampleId :

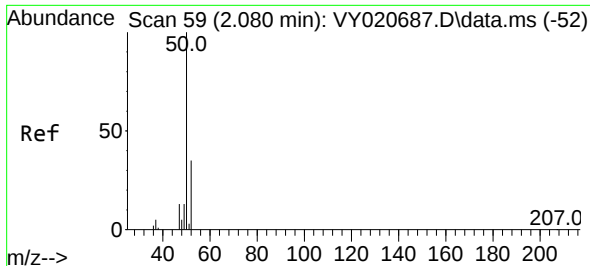
Tgt Ion:168 Resp: 118156  
Ion Ratio Lower Upper  
168 100  
99 57.8 43.8 65.6



#2  
Dichlorodifluoromethane  
Concen: 4.673 ug/l  
RT: 1.873 min Scan# 25  
Delta R.T. 0.000 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

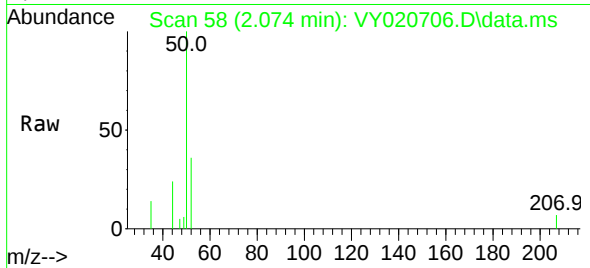
Tgt Ion: 85 Resp: 4346  
Ion Ratio Lower Upper  
85 100  
87 38.9 15.4 46.4



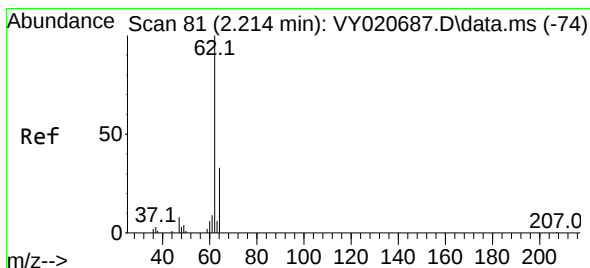
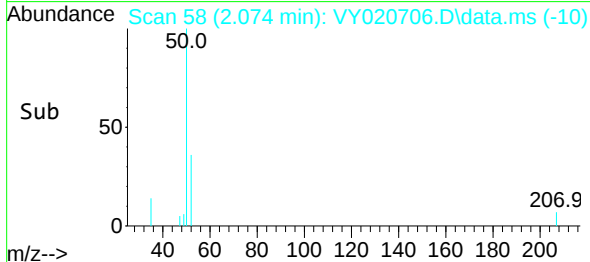
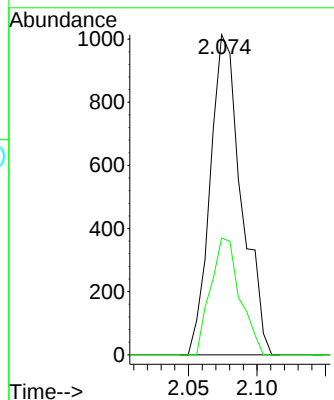


#3  
Chloromethane  
Concen: 4.624 ug/l  
RT: 2.074 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Instrument :  
MSVOA\_Y  
ClientSampleId :

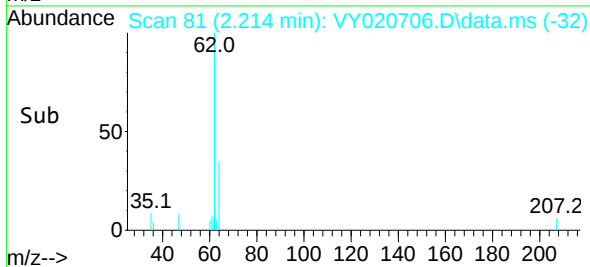
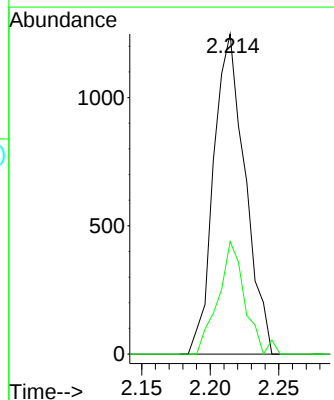
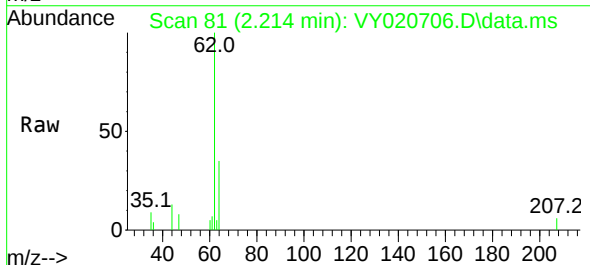


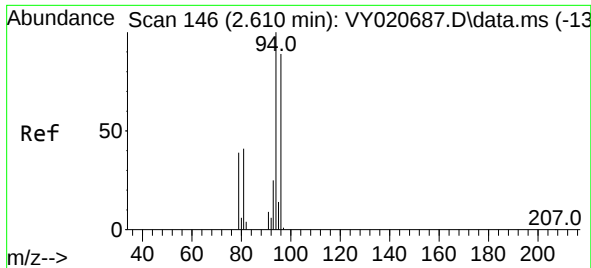
Tgt Ion: 50 Resp: 1604  
Ion Ratio Lower Upper  
50 100  
52 36.5 28.2 42.2



#4  
Vinyl Chloride  
Concen: 4.624 ug/l  
RT: 2.214 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Tgt Ion: 62 Resp: 1987  
Ion Ratio Lower Upper  
62 100  
64 35.2 26.6 40.0

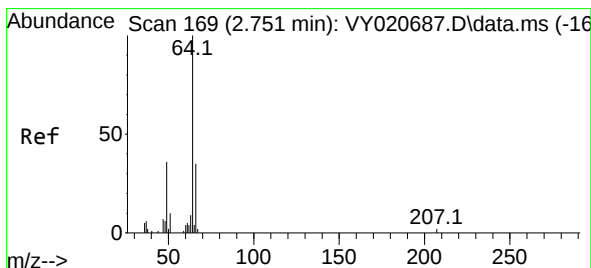
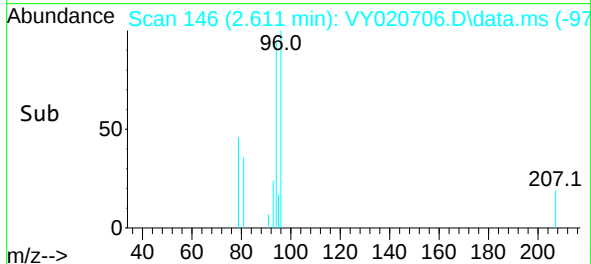
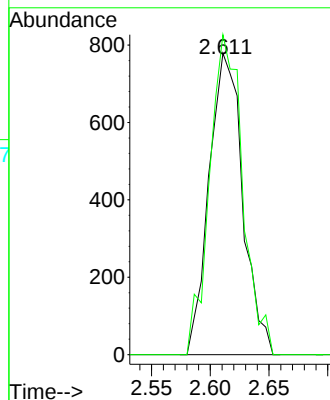
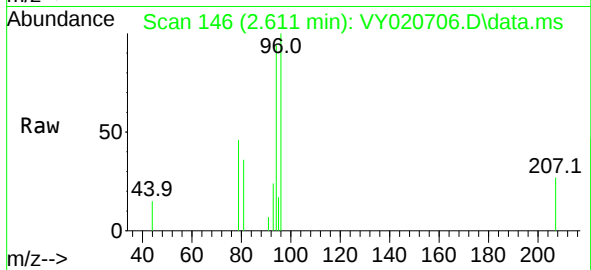




#5  
Bromomethane  
Concen: 4.768 ug/l  
RT: 2.611 min Scan# 14  
Delta R.T. 0.001 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

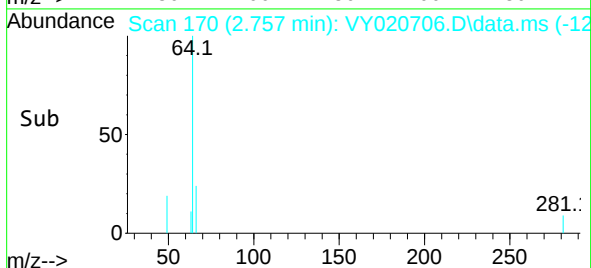
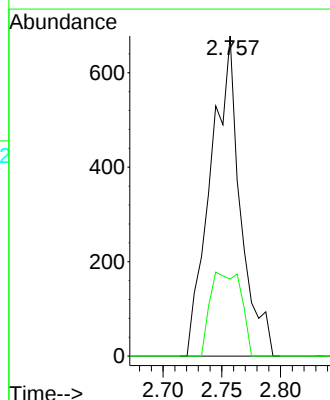
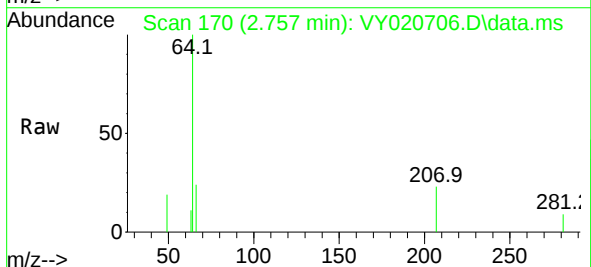
Instrument :  
MSVOA\_Y  
ClientSampleId :

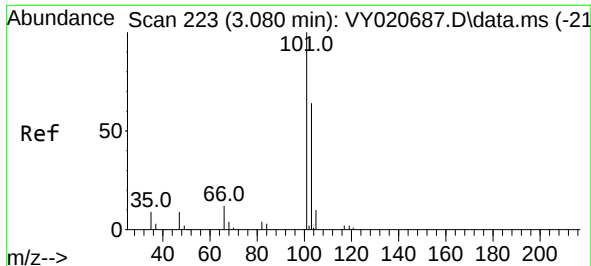
Tgt Ion: 94 Resp: 1547  
Ion Ratio Lower Upper  
94 100  
96 106.2 71.0 106.6



#6  
Chloroethane  
Concen: 4.635 ug/l  
RT: 2.757 min Scan# 170  
Delta R.T. 0.006 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Tgt Ion: 64 Resp: 1195  
Ion Ratio Lower Upper  
64 100  
66 24.0 27.8 41.8#

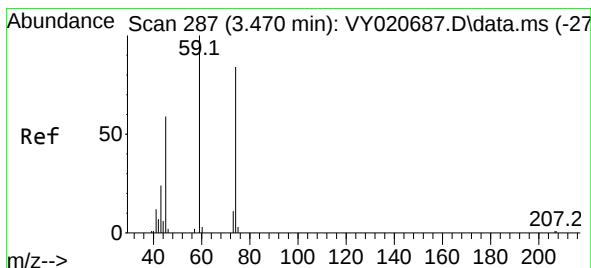
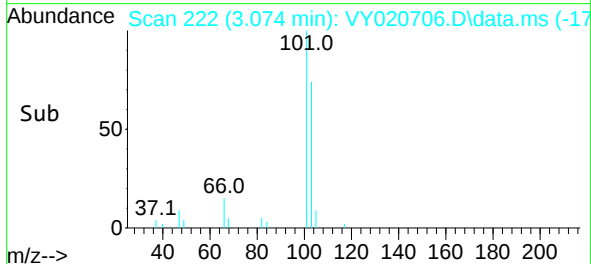
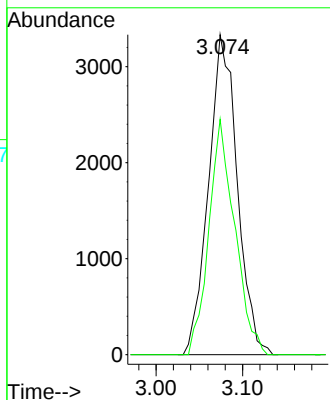
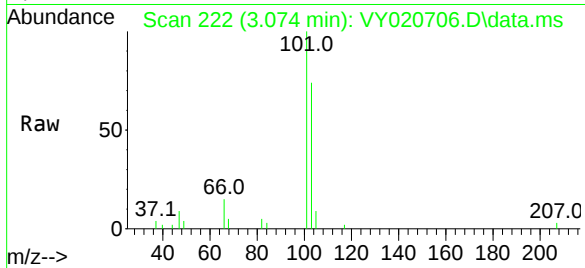




#7  
 Trichlorofluoromethane  
 Concen: 4.652 ug/l  
 RT: 3.074 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VY020706.D  
 Acq: 26 Dec 2024 09:31

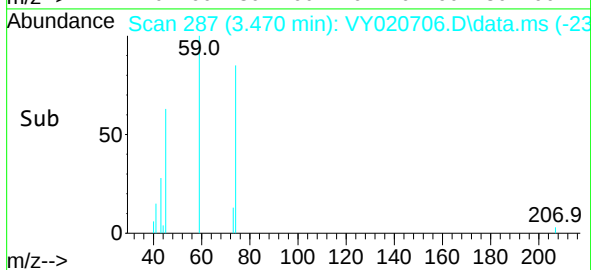
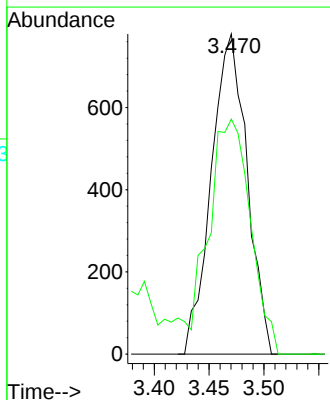
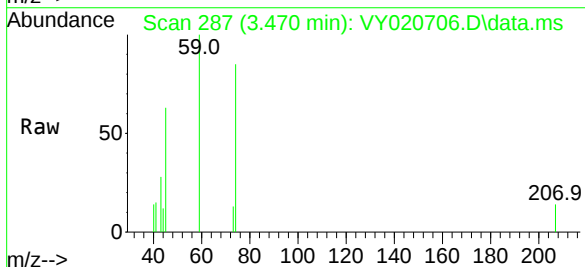
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

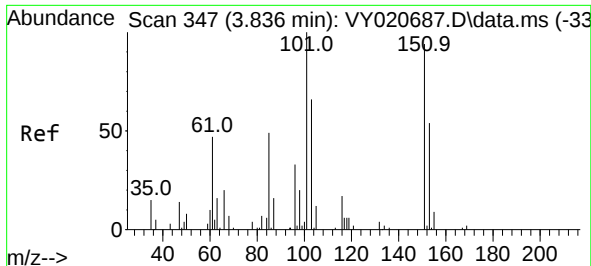
Tgt Ion:101 Resp: 7688  
 Ion Ratio Lower Upper  
 101 100  
 103 73.6 51.4 77.0



#8  
 Diethyl Ether  
 Concen: 4.488 ug/l  
 RT: 3.470 min Scan# 287  
 Delta R.T. 0.000 min  
 Lab File: VY020706.D  
 Acq: 26 Dec 2024 09:31

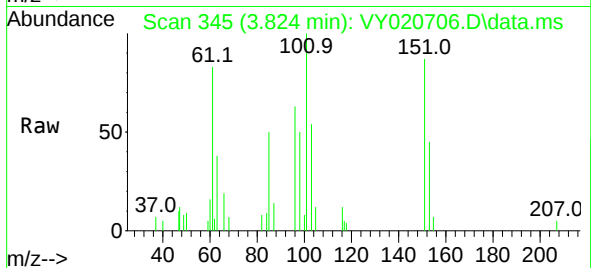
Tgt Ion: 74 Resp: 1765  
 Ion Ratio Lower Upper  
 74 100  
 45 86.1 35.8 107.4



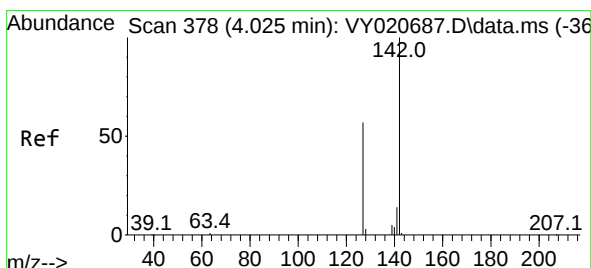
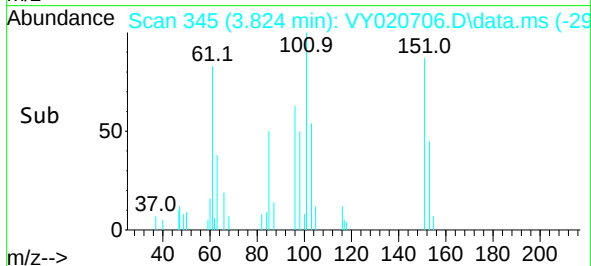
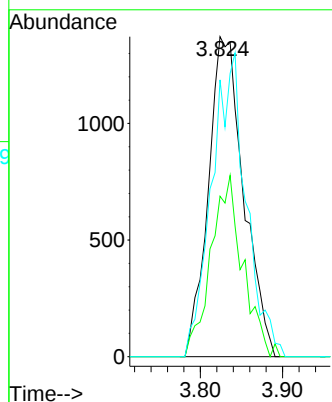


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 4.508 ug/l  
RT: 3.824 min Scan# 34  
Delta R.T. -0.012 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Instrument :  
MSVOA\_Y  
ClientSampleId :

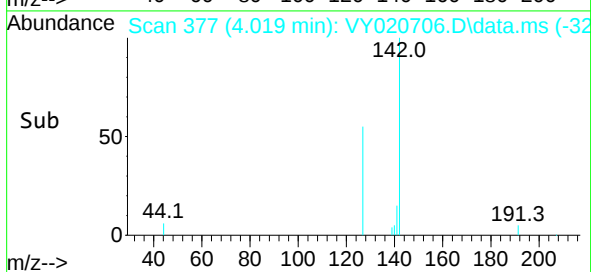
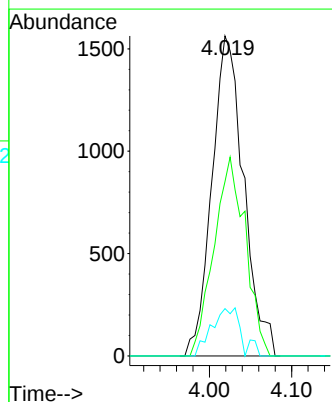
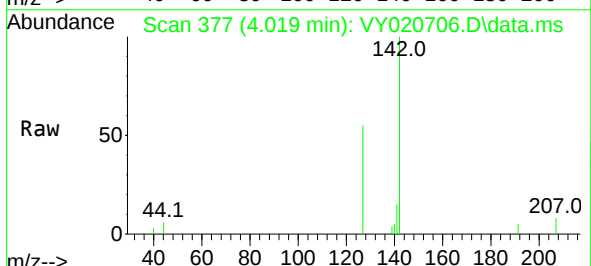


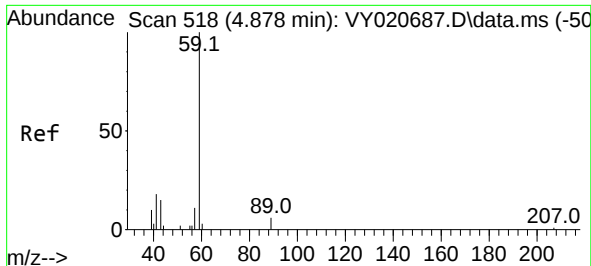
Tgt Ion:101 Resp: 4090  
Ion Ratio Lower Upper  
101 100  
85 51.1 38.2 57.2  
151 92.5 68.4 102.6



#10  
Methyl Iodide  
Concen: 4.226 ug/l  
RT: 4.019 min Scan# 377  
Delta R.T. -0.006 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

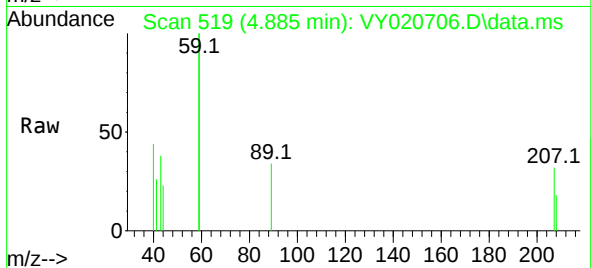
Tgt Ion:142 Resp: 4193  
Ion Ratio Lower Upper  
142 100  
127 61.6 48.8 73.2  
141 13.9 11.9 17.9



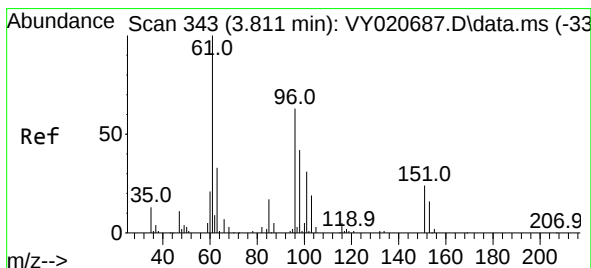
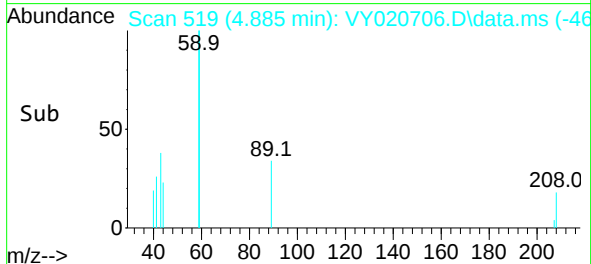
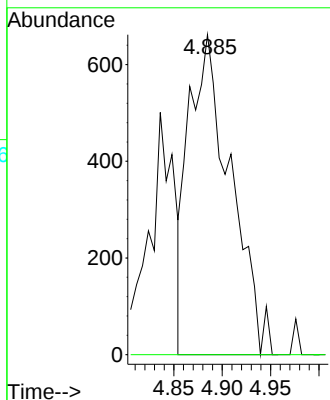


#11  
Tert butyl alcohol  
Concen: 13.066 ug/l  
RT: 4.885 min Scan# 518  
Delta R.T. 0.007 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Instrument :  
MSVOA\_Y  
ClientSampleId :

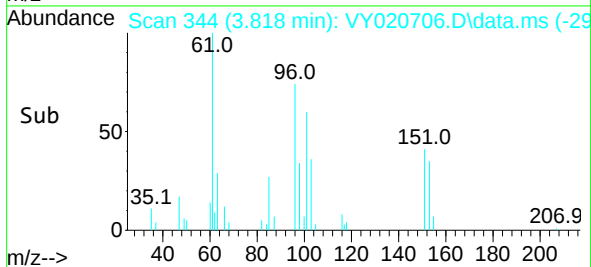
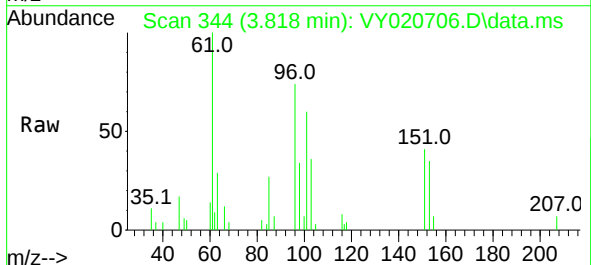
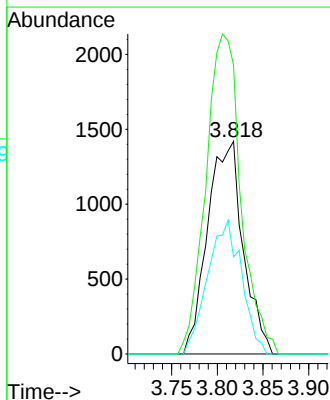


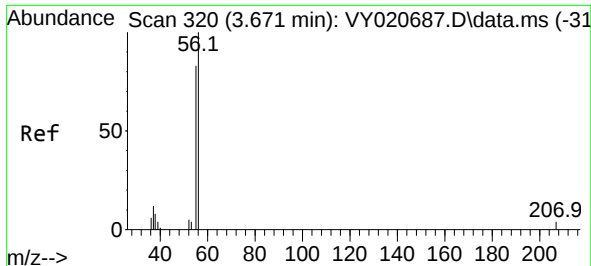
Tgt Ion: 59 Resp: 1986  
Ion Ratio Lower Upper  
59 100  
57 0.0 2.8 4.2#



#12  
1,1-Dichloroethene  
Concen: 4.763 ug/l  
RT: 3.818 min Scan# 344  
Delta R.T. 0.007 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

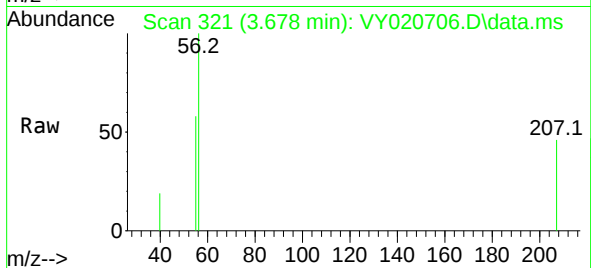
Tgt Ion: 96 Resp: 3846  
Ion Ratio Lower Upper  
96 100  
61 135.8 127.1 190.7  
98 45.7 53.4 80.0#



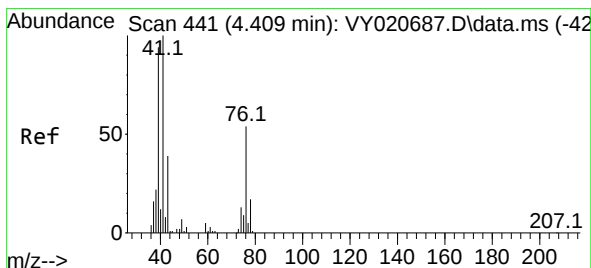
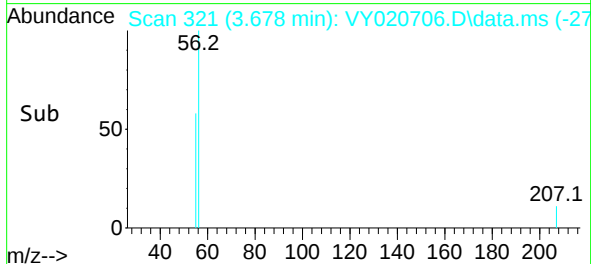
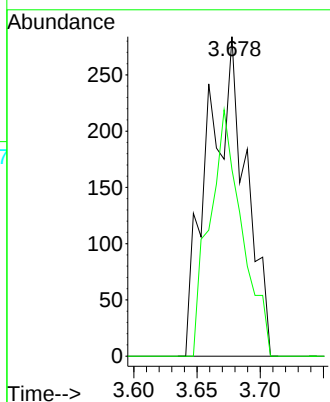


#13  
Acrolein  
Concen: 29.459 ug/l  
RT: 3.678 min Scan# 31  
Delta R.T. 0.007 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Instrument :  
MSVOA\_Y  
ClientSampleId :

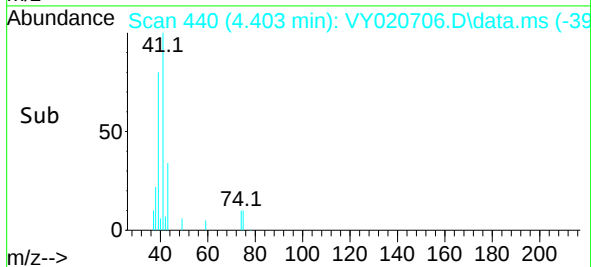
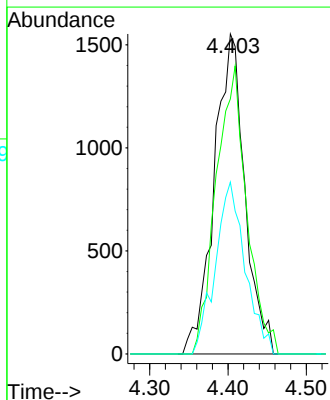
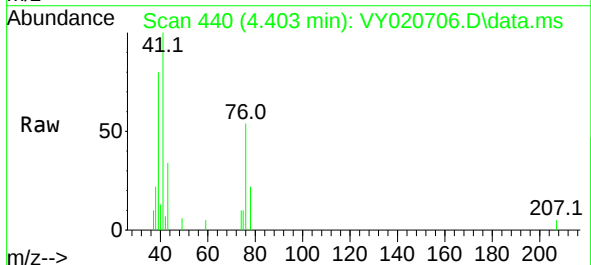


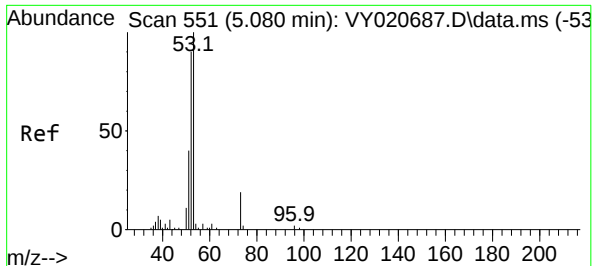
Tgt Ion: 56 Resp: 596  
Ion Ratio Lower Upper  
56 100  
55 65.6 57.0 85.4



#14  
Allyl chloride  
Concen: 4.451 ug/l  
RT: 4.403 min Scan# 440  
Delta R.T. -0.006 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

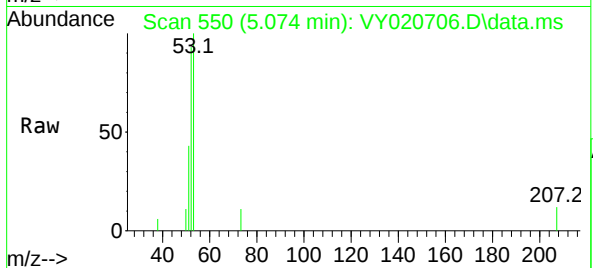
Tgt Ion: 41 Resp: 4206  
Ion Ratio Lower Upper  
41 100  
39 90.1 73.5 110.3  
76 52.5 41.8 62.8



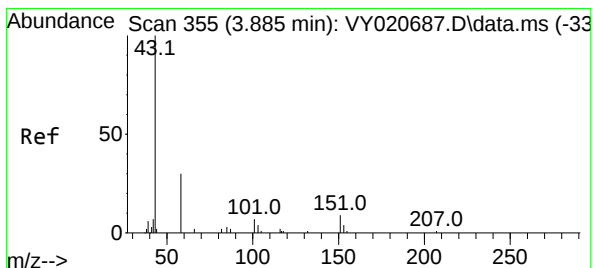
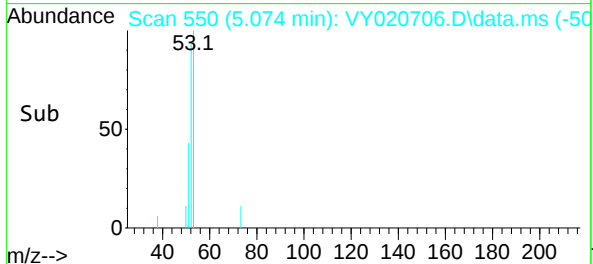
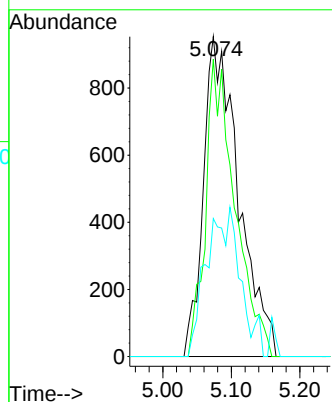


#15  
Acrylonitrile  
Concen: 22.361 ug/l  
RT: 5.074 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Instrument :  
MSVOA\_Y  
ClientSampleId :

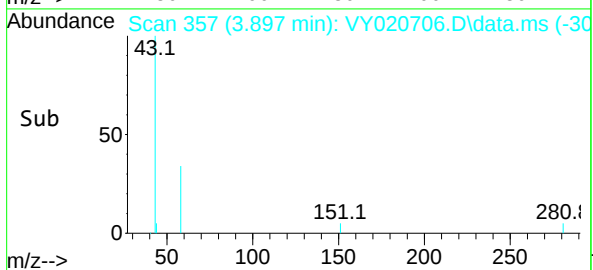
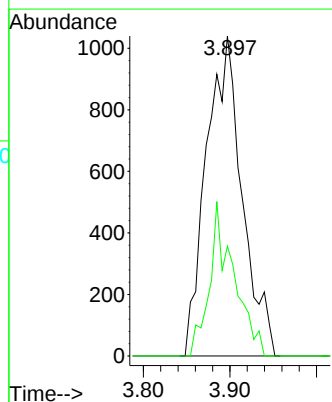
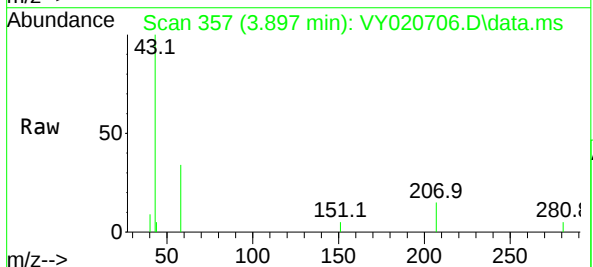


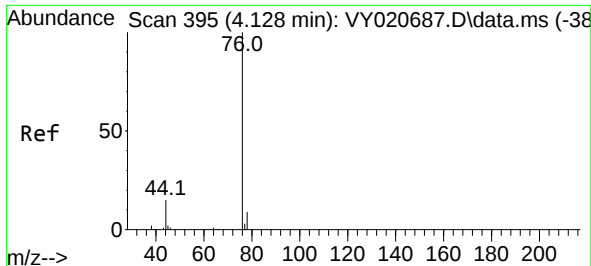
Tgt Ion: 53 Resp: 3397  
Ion Ratio Lower Upper  
53 100  
52 77.8 67.1 100.7  
51 26.8 31.4 47.0#



#16  
Acetone  
Concen: 24.288 ug/l  
RT: 3.897 min Scan# 357  
Delta R.T. 0.012 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

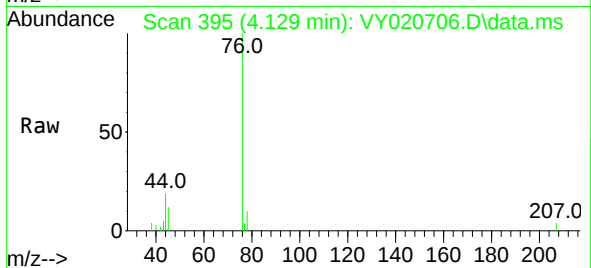
Tgt Ion: 43 Resp: 2982  
Ion Ratio Lower Upper  
43 100  
58 34.3 25.0 37.6



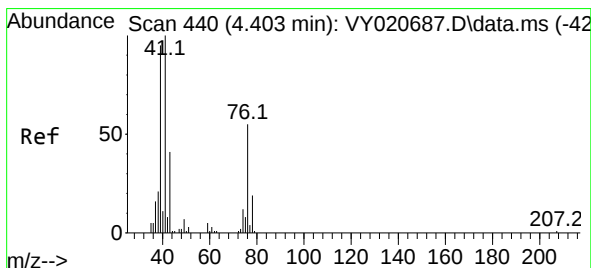
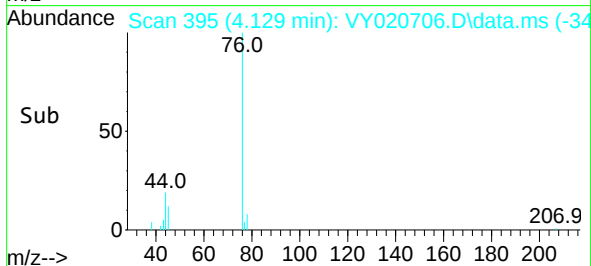
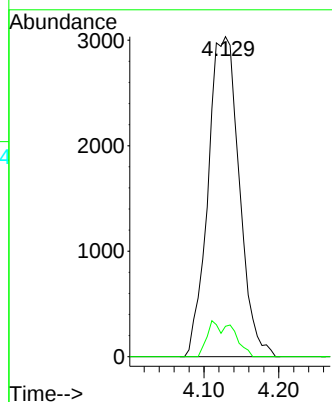


#17  
Carbon Disulfide  
Concen: 4.445 ug/l  
RT: 4.129 min Scan# 395  
Delta R.T. 0.001 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Instrument :  
MSVOA\_Y  
ClientSampleId :

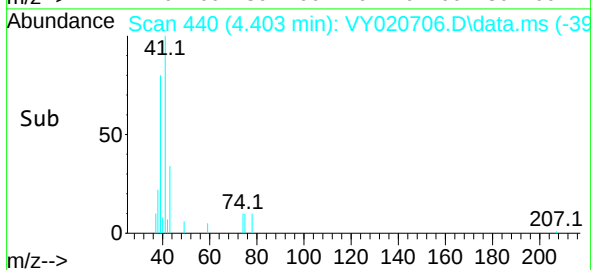
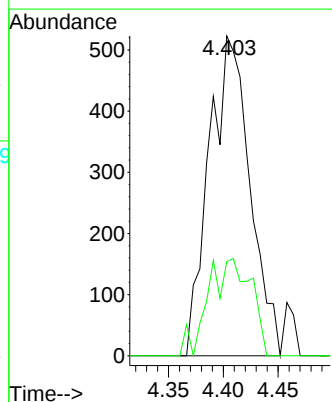
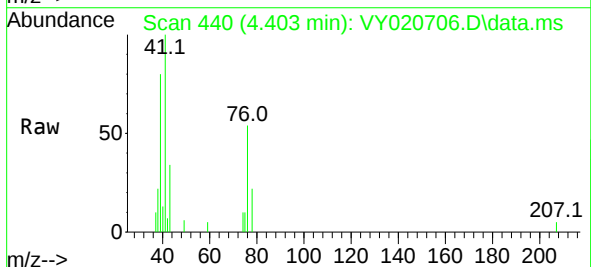


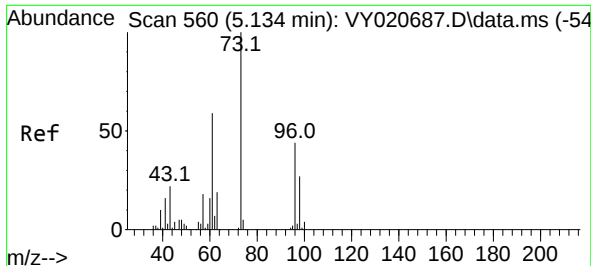
Tgt Ion: 76 Resp: 8806  
Ion Ratio Lower Upper  
76 100  
78 9.5 6.9 10.3



#18  
Methyl Acetate  
Concen: 4.081 ug/l  
RT: 4.403 min Scan# 440  
Delta R.T. 0.000 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Tgt Ion: 43 Resp: 1356  
Ion Ratio Lower Upper  
43 100  
74 32.0 25.3 37.9





#19

Methyl tert-butyl Ether

Concen: 4.620 ug/l

RT: 5.129 min Scan# 51

Delta R.T. -0.005 min

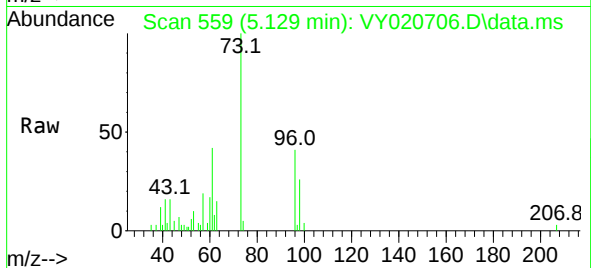
Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

Instrument :

MSVOA\_Y

ClientSampleId :

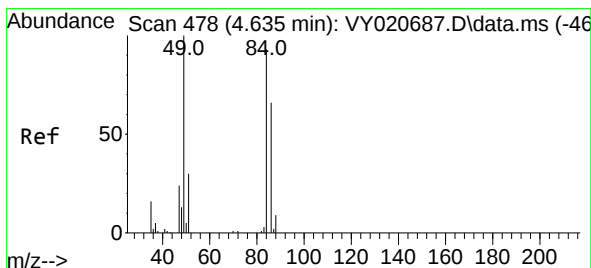
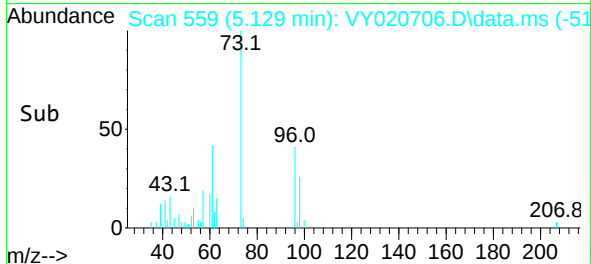
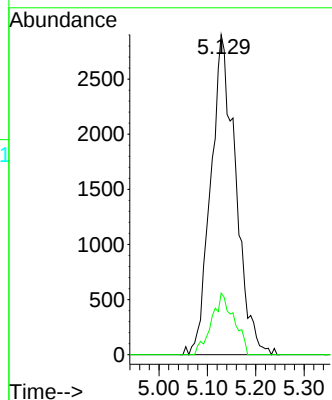


Tgt Ion: 73 Resp: 10398

Ion Ratio Lower Upper

73 100

57 19.3 14.4 21.6



#20

Methylene Chloride

Concen: 2.403 ug/l

RT: 4.629 min Scan# 477

Delta R.T. -0.006 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

Tgt Ion: 84 Resp: 1917

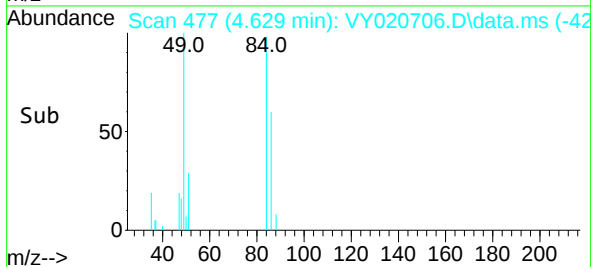
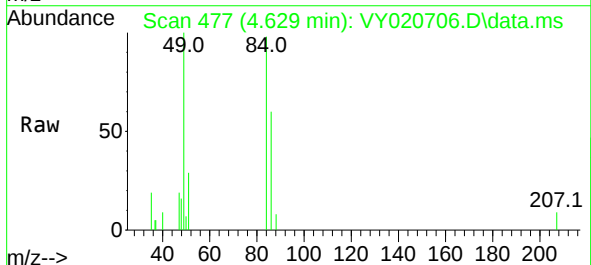
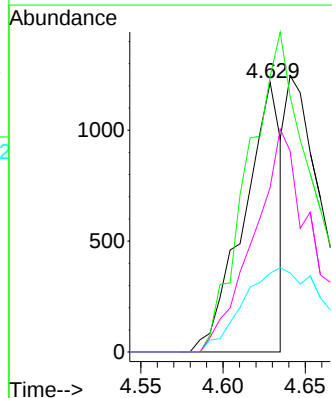
Ion Ratio Lower Upper

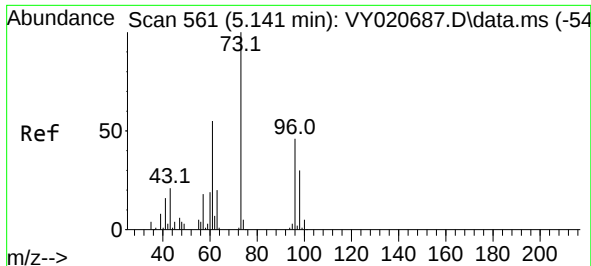
84 100

49 102.1 86.4 129.6

51 29.2 25.5 38.3

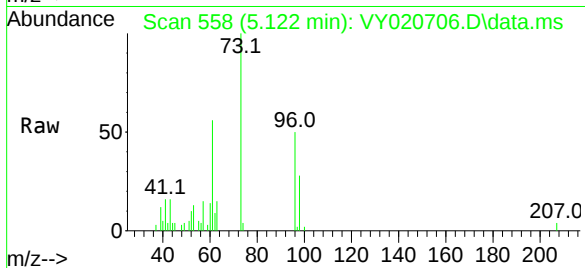
86 61.1 56.6 85.0



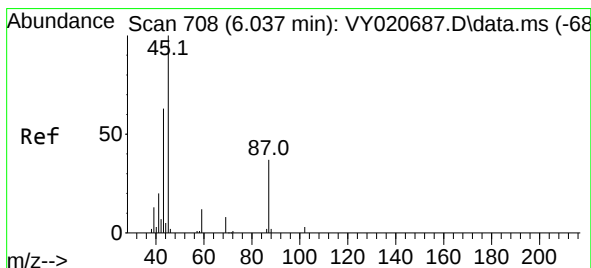
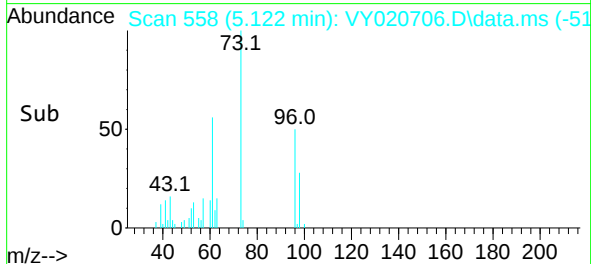
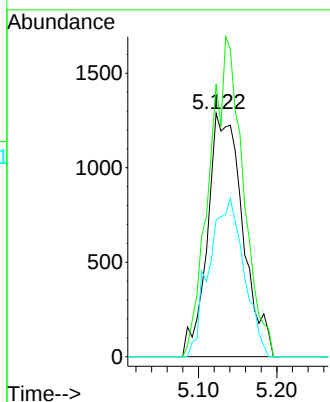


#21  
trans-1,2-Dichloroethene  
Concen: 4.606 ug/l  
RT: 5.122 min Scan# 51  
Delta R.T. -0.019 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Instrument :  
MSVOA\_Y  
ClientSampleId :

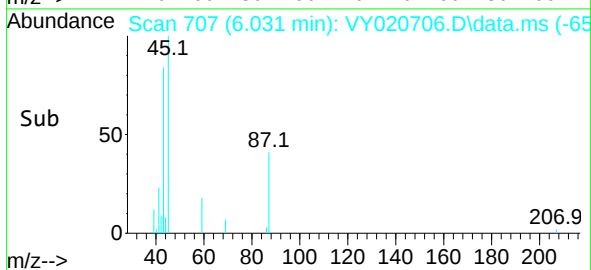
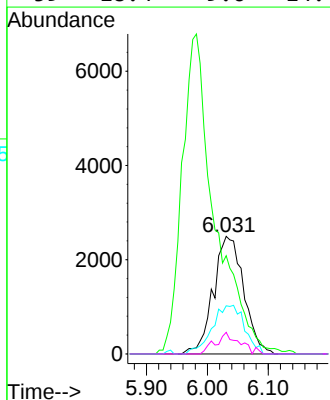
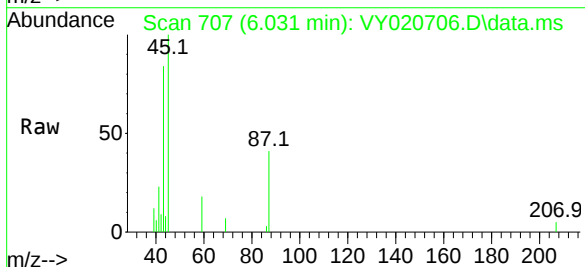


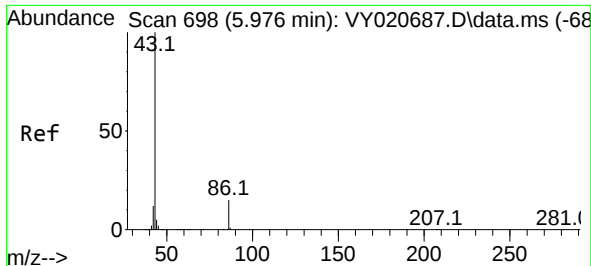
Tgt Ion: 96 Resp: 4008  
Ion Ratio Lower Upper  
96 100  
61 112.0 96.1 144.1  
98 56.4 52.7 79.1



#22  
Diisopropyl ether  
Concen: 4.481 ug/l  
RT: 6.031 min Scan# 707  
Delta R.T. -0.006 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Tgt Ion: 45 Resp: 8608  
Ion Ratio Lower Upper  
45 100  
43 79.8 51.3 76.9#  
87 41.0 30.6 46.0  
59 18.4 9.6 14.4#

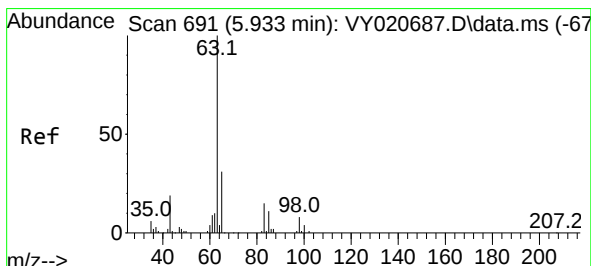
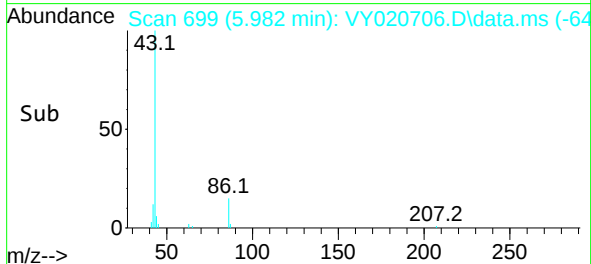
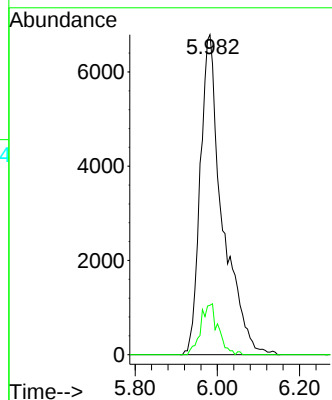
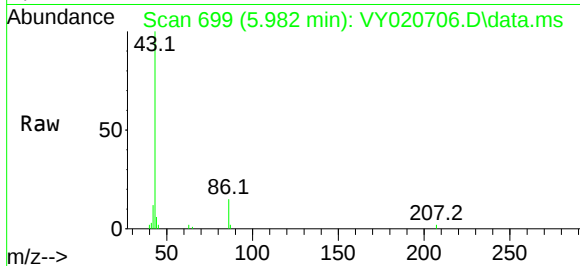




#23  
 Vinyl Acetate  
 Concen: 22.132 ug/l  
 RT: 5.982 min Scan# 698  
 Delta R.T. 0.006 min  
 Lab File: VY020706.D  
 Acq: 26 Dec 2024 09:31

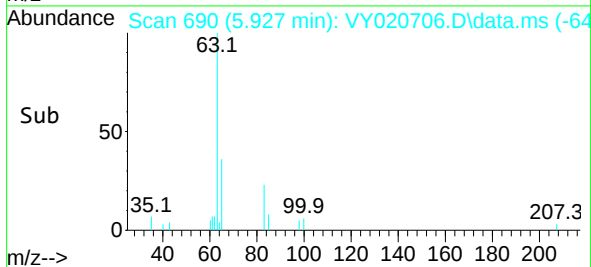
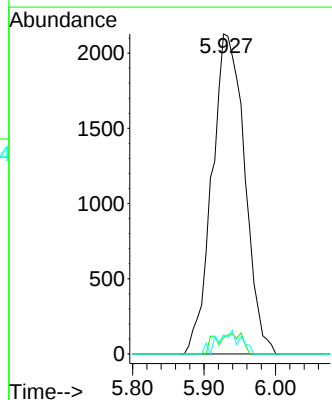
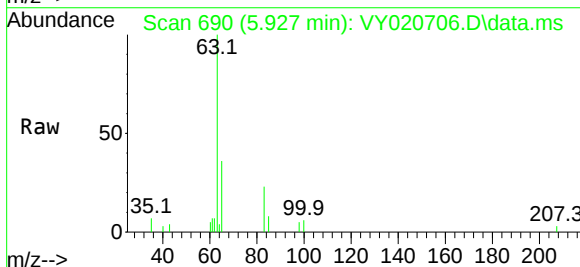
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

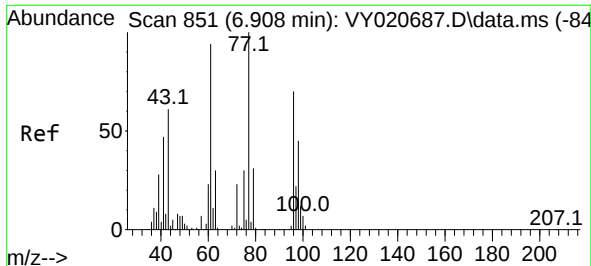
Tgt Ion: 43 Resp: 25395  
 Ion Ratio Lower Upper  
 43 100  
 86 15.5 12.0 18.0



#24  
 1,1-Dichloroethane  
 Concen: 4.683 ug/l  
 RT: 5.927 min Scan# 690  
 Delta R.T. -0.006 min  
 Lab File: VY020706.D  
 Acq: 26 Dec 2024 09:31

Tgt Ion: 63 Resp: 6745  
 Ion Ratio Lower Upper  
 63 100  
 98 5.3 4.0 12.0  
 100 6.0 2.1 6.2





#25

2-Butanone

Concen: 24.607 ug/l

RT: 6.909 min Scan# 81

Delta R.T. 0.001 min

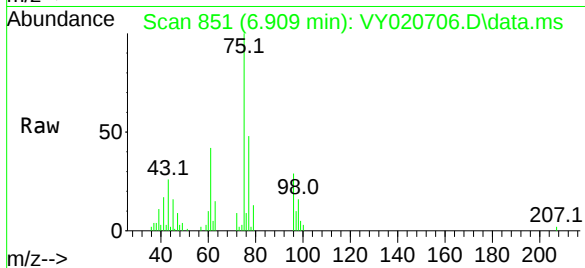
Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

Instrument :

MSVOA\_Y

ClientSampleId :

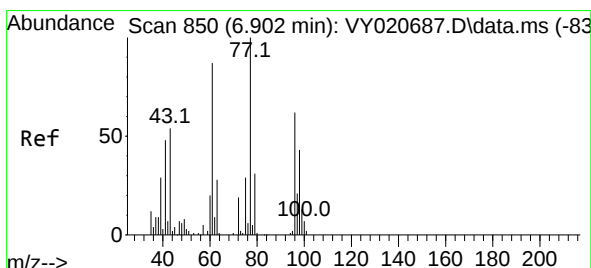
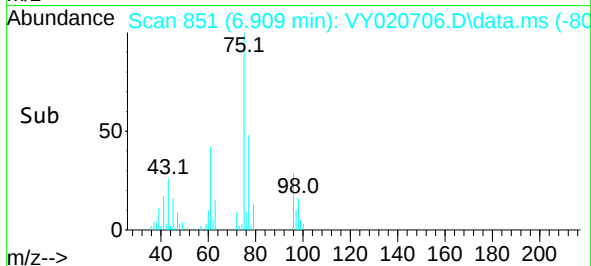
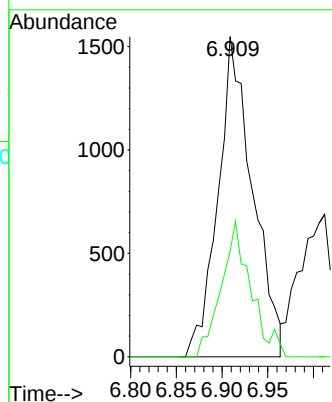


Tgt Ion: 43 Resp: 4081

Ion Ratio Lower Upper

43 100

72 33.1 29.5 44.3



#26

2,2-Dichloropropane

Concen: 5.057 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.012 min

Lab File: VY020706.D

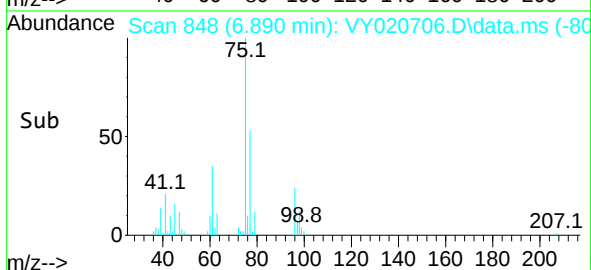
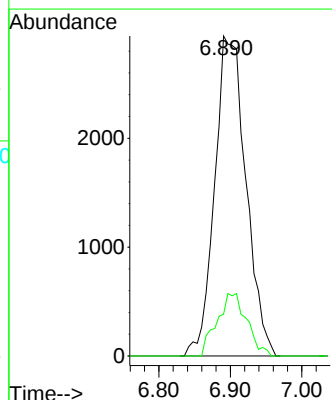
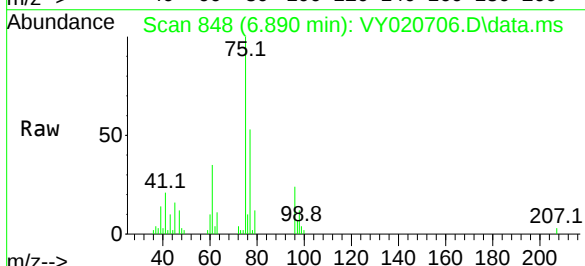
Acq: 26 Dec 2024 09:31

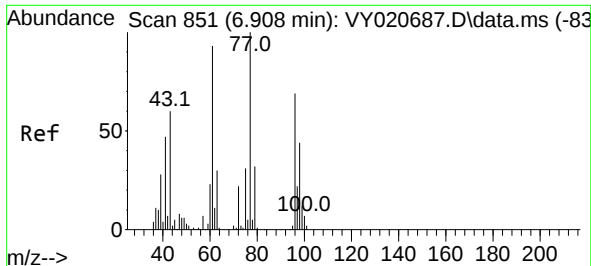
Tgt Ion: 77 Resp: 8915

Ion Ratio Lower Upper

77 100

97 18.6 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 4.753 ug/l

RT: 6.915 min Scan# 81

Delta R.T. 0.007 min

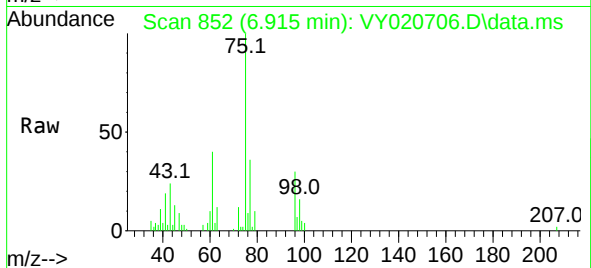
Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

Instrument :

MSVOA\_Y

ClientSampleId :



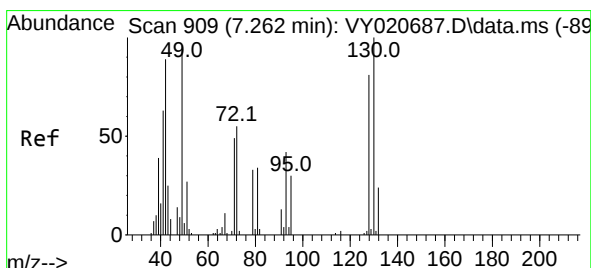
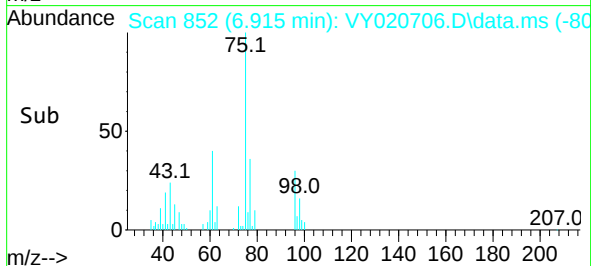
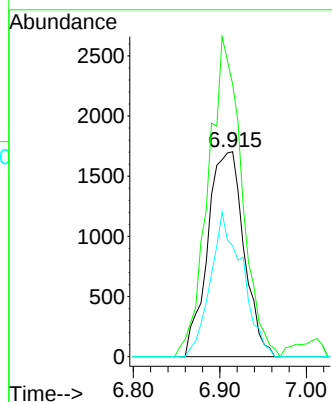
Tgt Ion: 96 Resp: 4953

Ion Ratio Lower Upper

96 100

61 144.5 0.0 277.2

98 61.9 0.0 131.0



#28

Bromochloromethane

Concen: 4.127 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

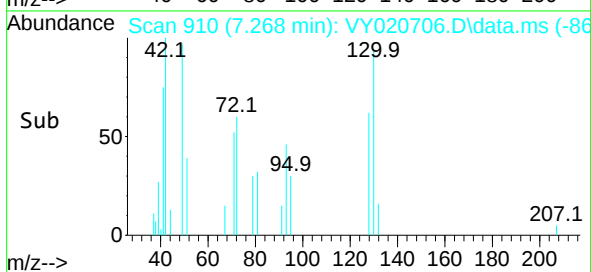
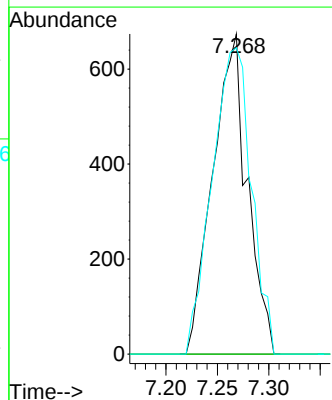
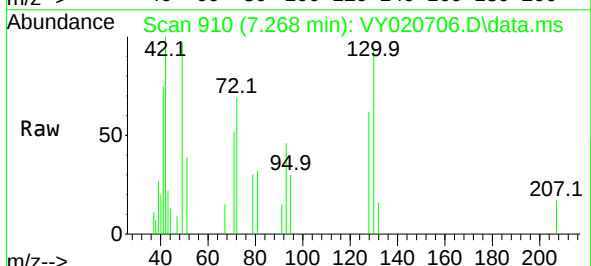
Tgt Ion: 49 Resp: 1572

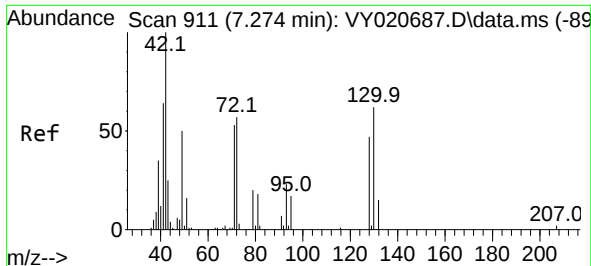
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.4

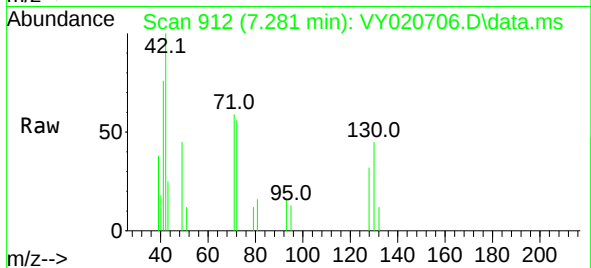
130 109.0 87.2 130.8



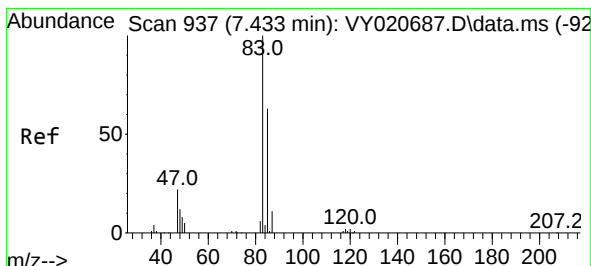
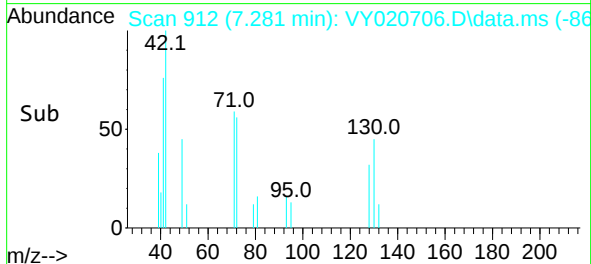
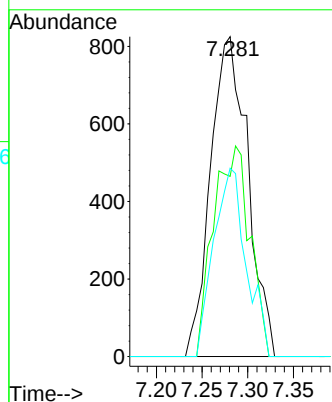


#29  
Tetrahydrofuran  
Concen: 22.956 ug/l  
RT: 7.281 min Scan# 911  
Delta R.T. 0.007 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Instrument :  
MSVOA\_Y  
ClientSampleId :

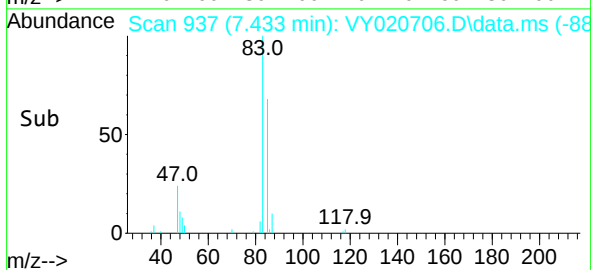
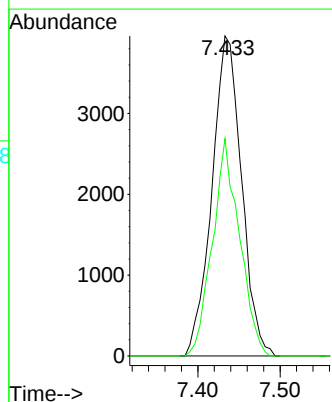
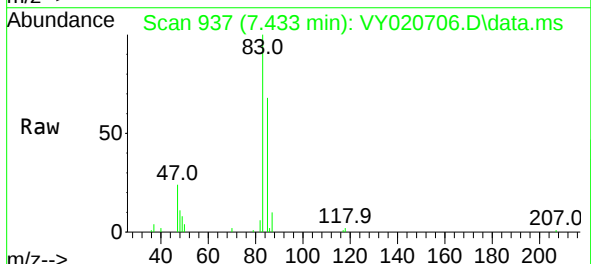


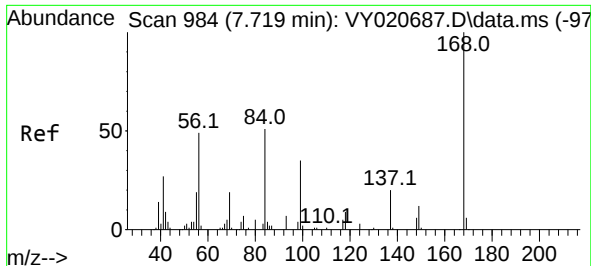
Tgt Ion: 42 Resp: 2337  
Ion Ratio Lower Upper  
42 100  
72 64.4 47.4 71.0  
71 51.5 42.8 64.2



#30  
Chloroform  
Concen: 5.350 ug/l  
RT: 7.433 min Scan# 937  
Delta R.T. -0.000 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

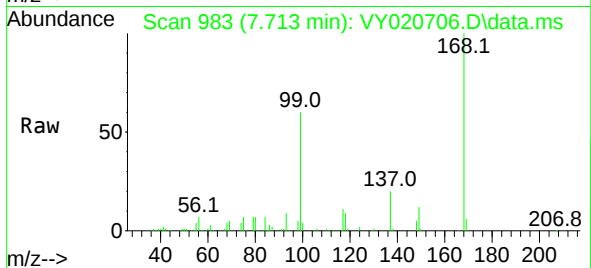
Tgt Ion: 83 Resp: 9912  
Ion Ratio Lower Upper  
83 100  
85 67.9 50.2 75.2



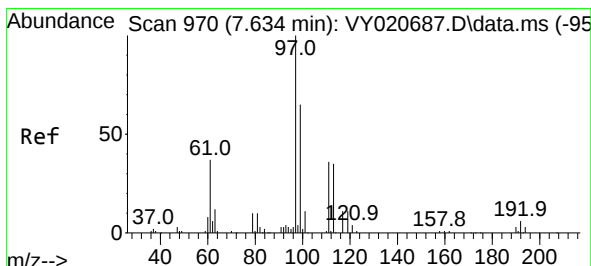
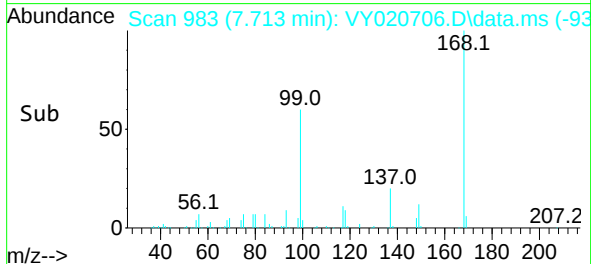
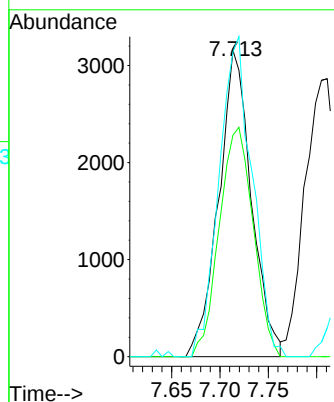


#31  
Cyclohexane  
Concen: 5.976 ug/l  
RT: 7.713 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Instrument :  
MSVOA\_Y  
ClientSampleId :

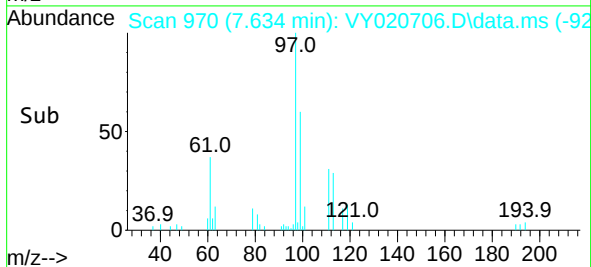
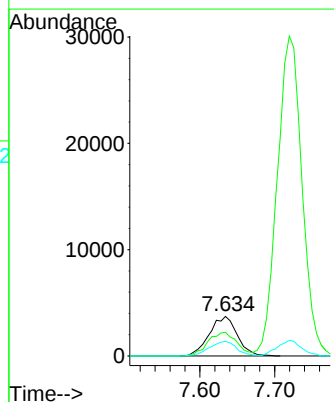
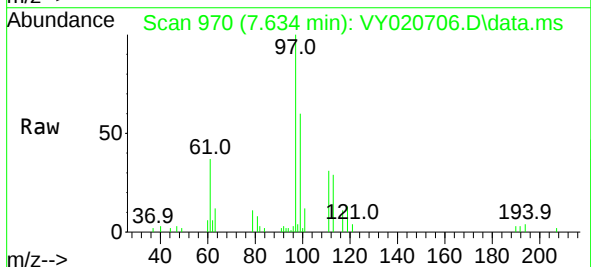


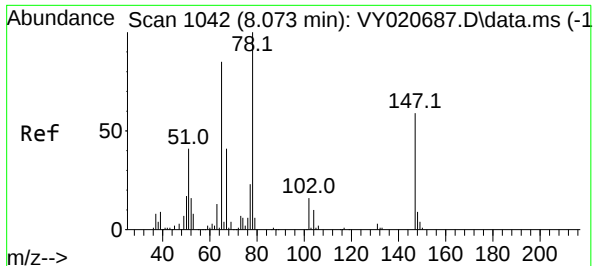
Tgt Ion: 56 Resp: 7429  
Ion Ratio Lower Upper  
56 100  
69 72.4 31.3 46.9#  
84 99.5 83.9 125.9



#32  
1,1,1-Trichloroethane  
Concen: 4.844 ug/l  
RT: 7.634 min Scan# 970  
Delta R.T. 0.000 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Tgt Ion: 97 Resp: 9621  
Ion Ratio Lower Upper  
97 100  
99 62.6 51.0 76.6  
61 36.3 30.0 45.0





#33

1,2-Dichloroethane-d4

Concen: 4.087 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

Instrument :

MSVOA\_Y

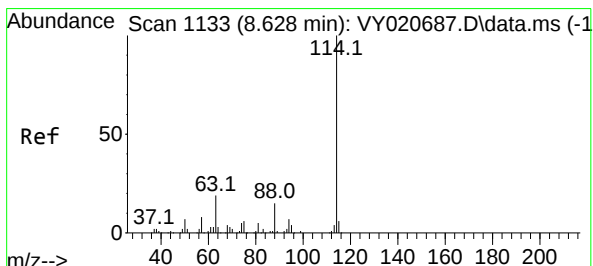
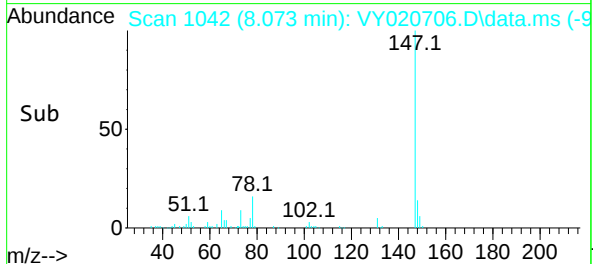
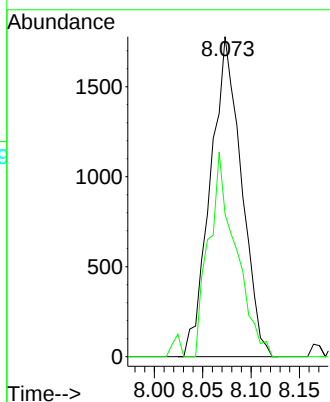
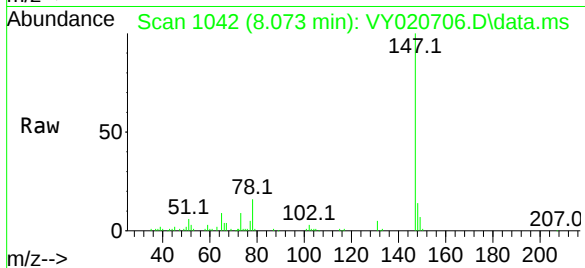
ClientSampleId :

Tgt Ion: 65 Resp: 3955

Ion Ratio Lower Upper

65 100

67 55.7 0.0 98.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

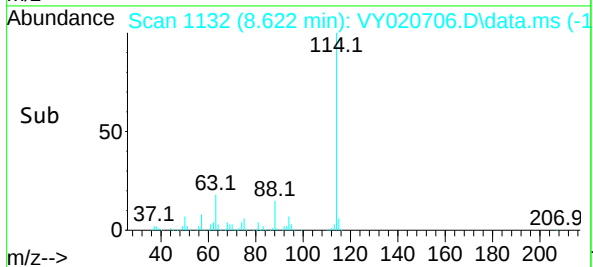
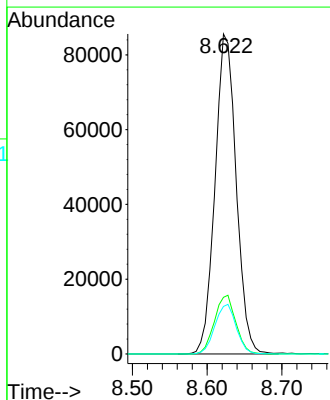
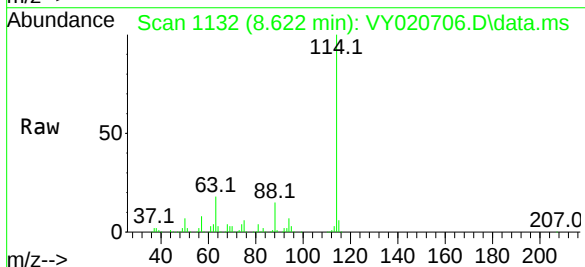
Tgt Ion: 114 Resp: 168634

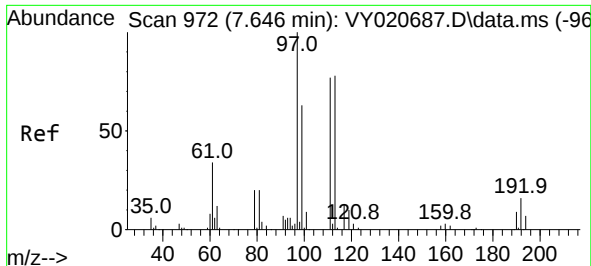
Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.4

88 14.8 0.0 30.4

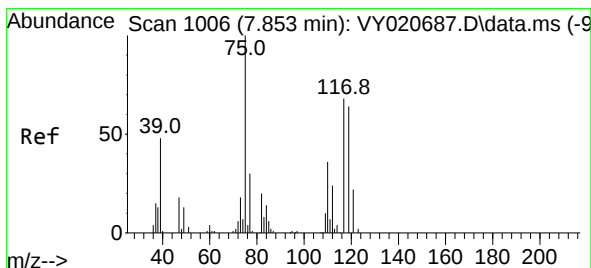
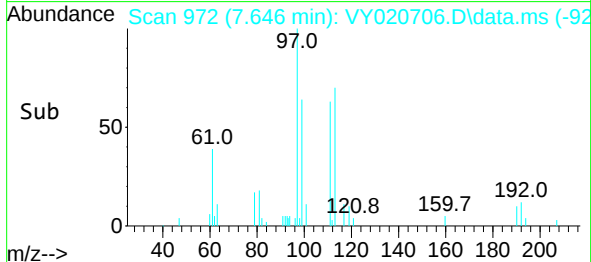
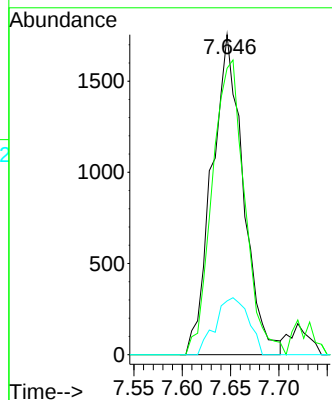
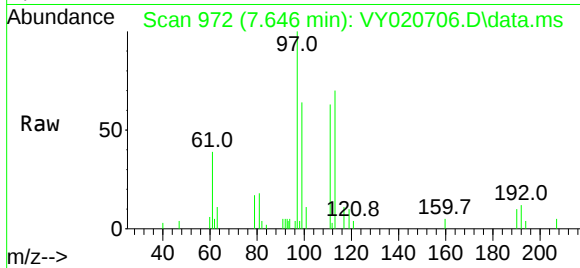




#35  
Dibromofluoromethane  
Concen: 4.270 ug/l  
RT: 7.646 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

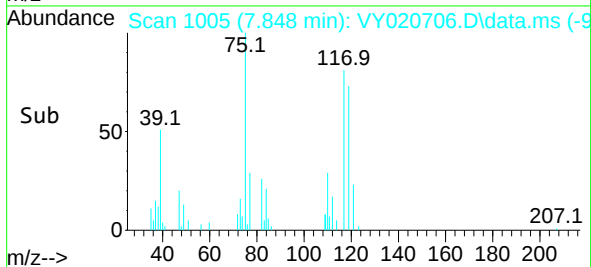
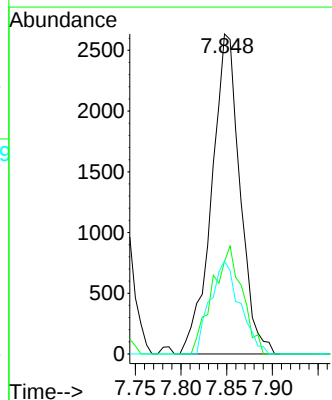
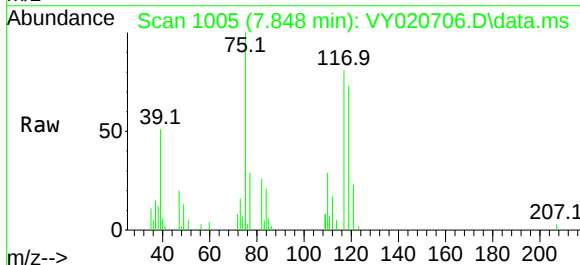
Instrument :  
MSVOA\_Y  
ClientSampleId :

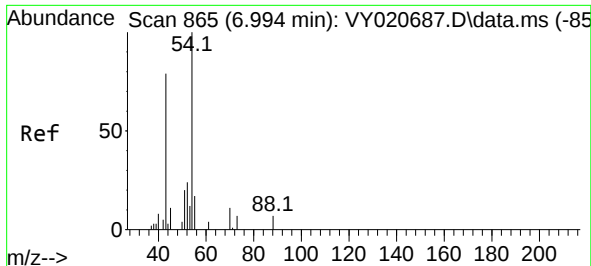
Tgt Ion:113 Resp: 3966  
Ion Ratio Lower Upper  
113 100  
111 95.0 79.8 119.8  
192 18.7 17.0 25.6



#36  
1,1-Dichloropropene  
Concen: 4.633 ug/l  
RT: 7.848 min Scan# 1005  
Delta R.T. -0.005 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

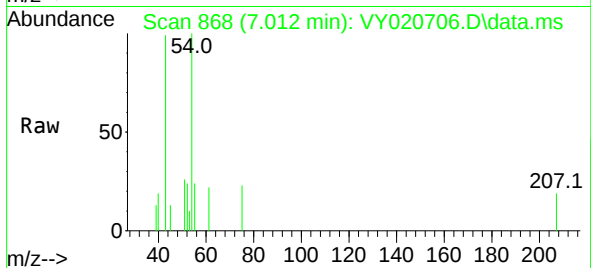
Tgt Ion: 75 Resp: 5685  
Ion Ratio Lower Upper  
75 100  
110 35.6 19.6 58.7  
77 30.2 25.1 37.7



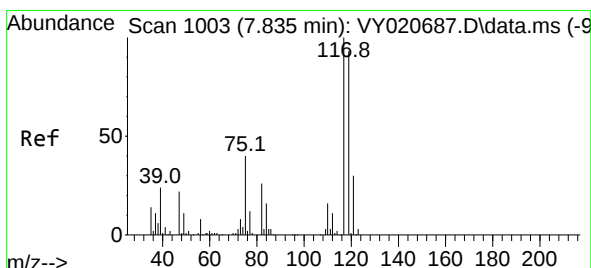
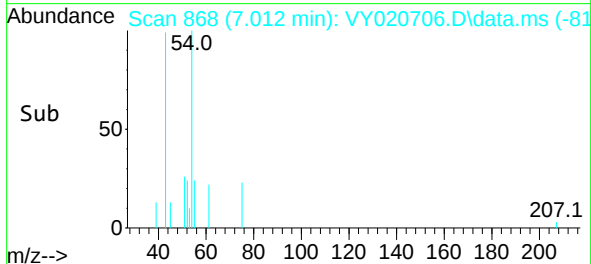
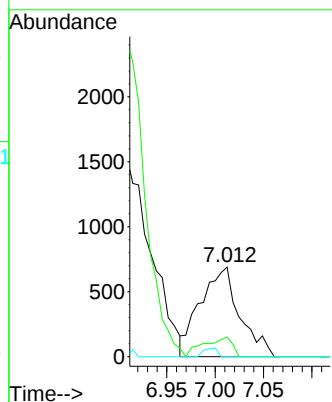


#37  
Ethyl Acetate  
Concen: 4.825 ug/l  
RT: 7.012 min Scan# 80  
Delta R.T. 0.018 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Instrument :  
MSVOA\_Y  
ClientSampleId :

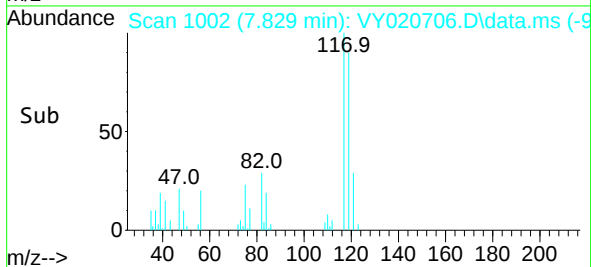
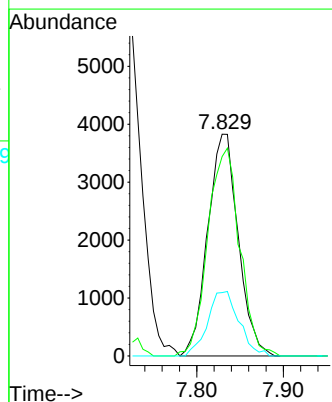
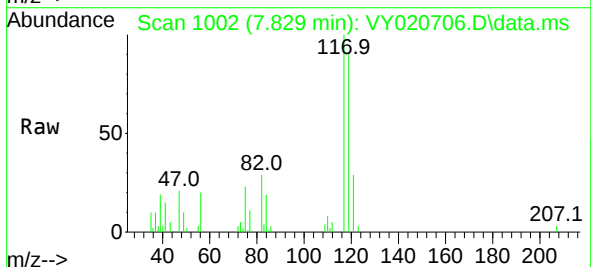


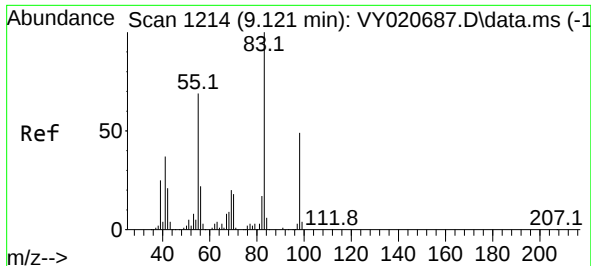
Tgt Ion: 43 Resp: 1951  
Ion Ratio Lower Upper  
43 100  
61 15.8 11.7 17.5  
70 3.3 11.0 16.4#



#38  
Carbon Tetrachloride  
Concen: 4.638 ug/l  
RT: 7.829 min Scan# 1002  
Delta R.T. -0.006 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Tgt Ion: 117 Resp: 9371  
Ion Ratio Lower Upper  
117 100  
119 89.9 74.4 111.6  
121 28.6 24.2 36.2





#39

Methylcyclohexane

Concen: 4.576 ug/l

RT: 9.122 min Scan# 11

Delta R.T. 0.001 min

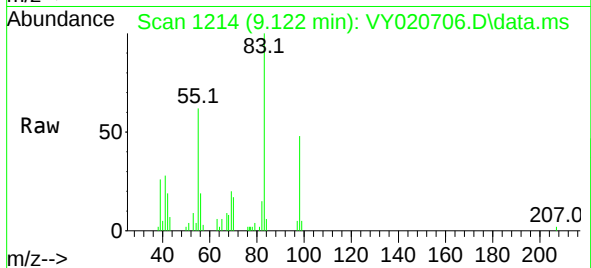
Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

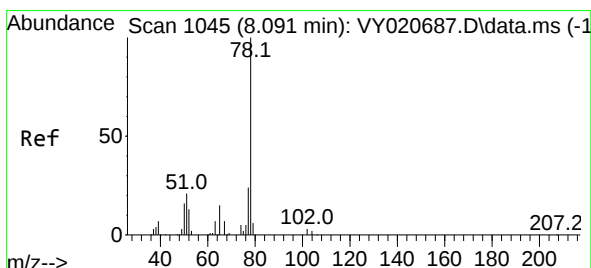
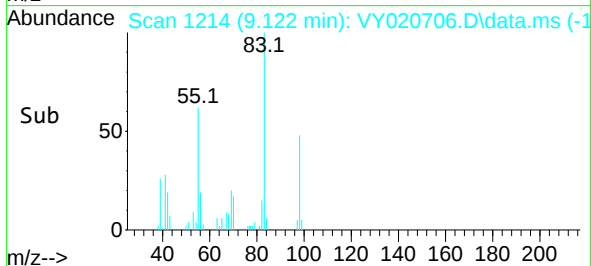
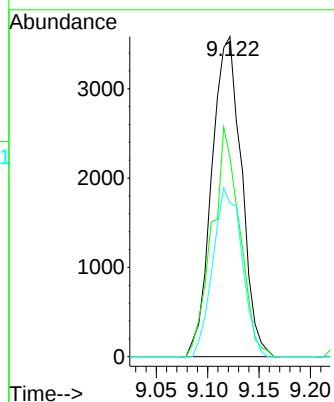
Instrument :

MSVOA\_Y

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 7196  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 62.3  | 55.0  | 82.4  |
| 98       | 48.0  | 39.0  | 58.6  |



#40

Benzene

Concen: 4.595 ug/l

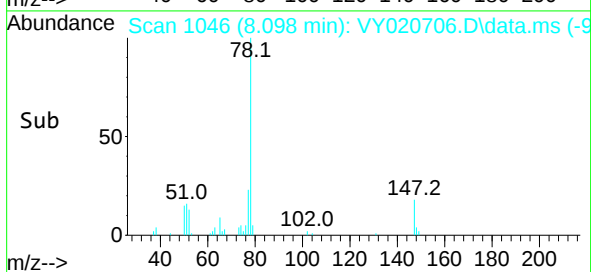
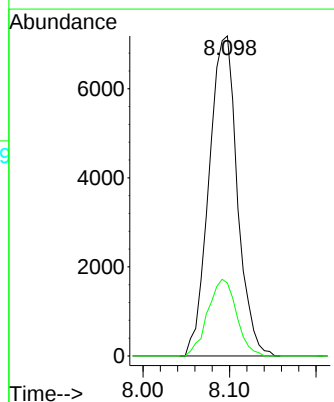
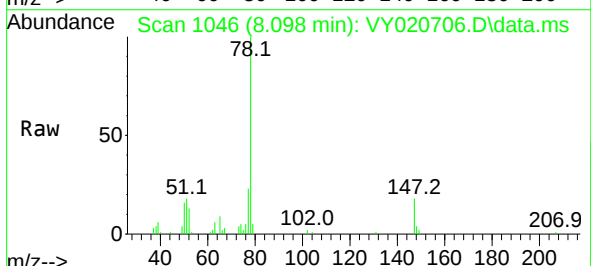
RT: 8.098 min Scan# 1046

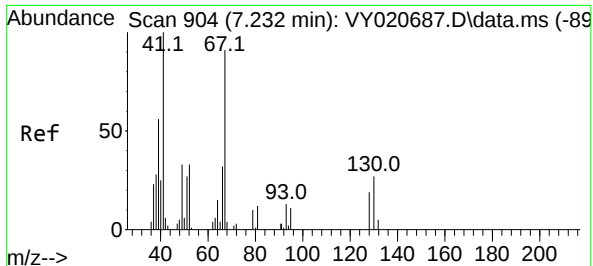
Delta R.T. 0.007 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

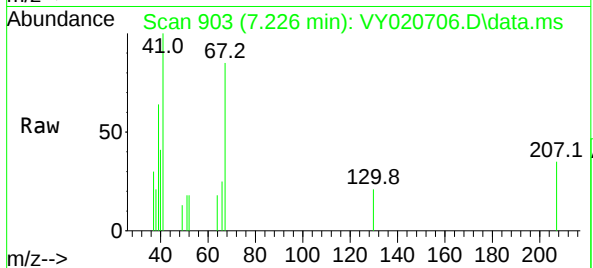
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 78    | Resp: | 16340 |
| Ion      | Ratio | Lower | Upper |
| 78       | 100   |       |       |
| 77       | 22.8  | 19.2  | 28.8  |



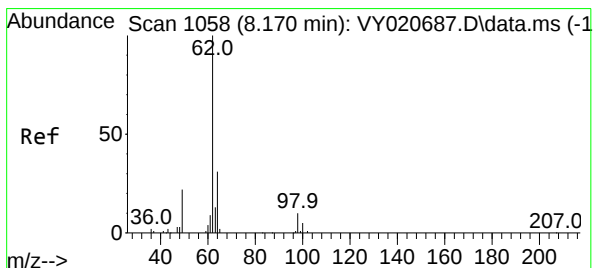
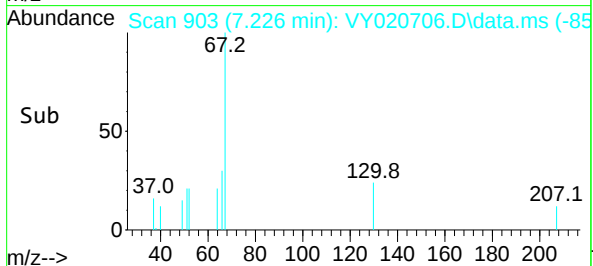
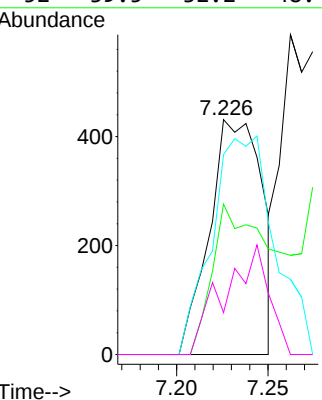


#41  
Methacrylonitrile  
Concen: 4.235 ug/l  
RT: 7.226 min Scan# 904  
Delta R.T. -0.006 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Instrument :  
MSVOA\_Y  
ClientSampleId :

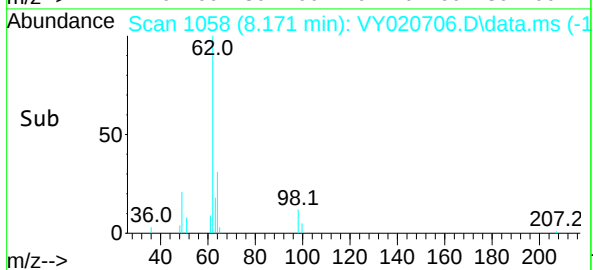
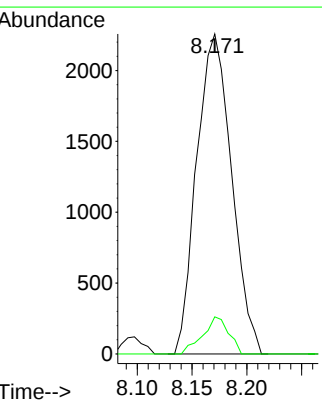
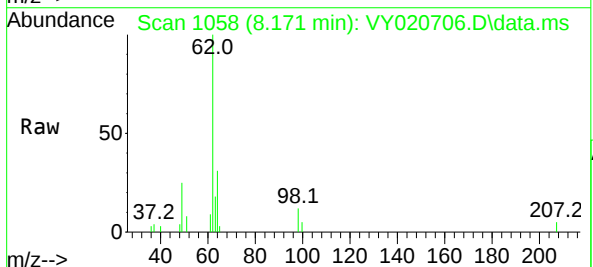


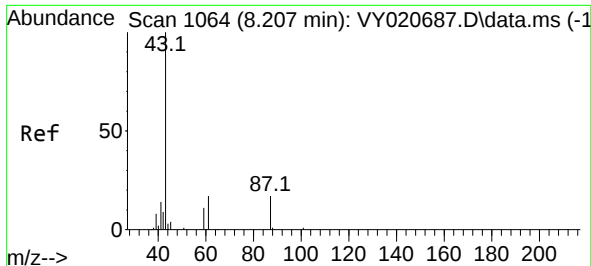
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 865   |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 74.3  | 46.6  | 70.0  |
| 67       | 110.8 | 74.7  | 112.1 |
| 52       | 39.5  | 32.2  | 48.4  |



#42  
1,2-Dichloroethane  
Concen: 4.396 ug/l  
RT: 8.171 min Scan# 1058  
Delta R.T. 0.001 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 5012  |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.6   | 0.0   | 16.6  |





#43

Isopropyl Acetate

Concen: 4.500 ug/l

RT: 8.201 min Scan# 110

Delta R.T. -0.006 min

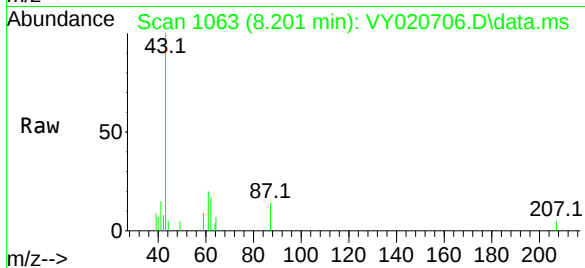
Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

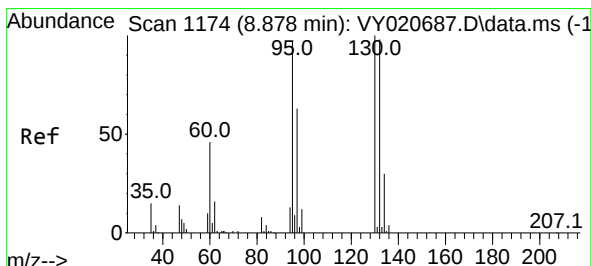
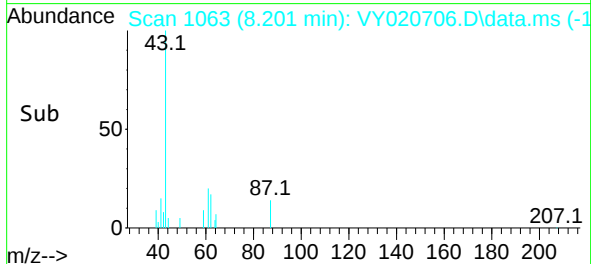
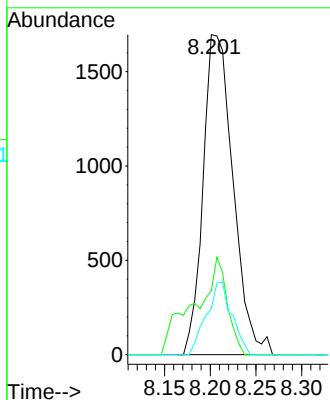
Instrument :

MSVOA\_Y

ClientSampleId :



|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 43 | Resp: | 3867        |
| Ion         | Ratio | Lower Upper |
| 43          | 100   |             |
| 61          | 33.5  | 27.0 40.4   |
| 87          | 19.1  | 14.2 21.4   |



#44

Trichloroethene

Concen: 4.578 ug/l

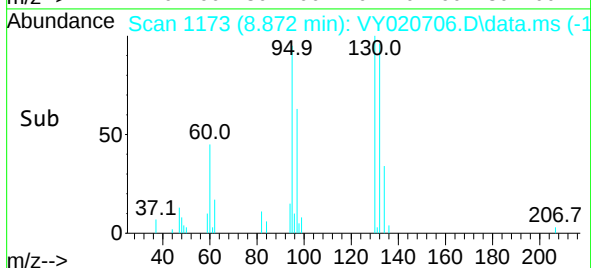
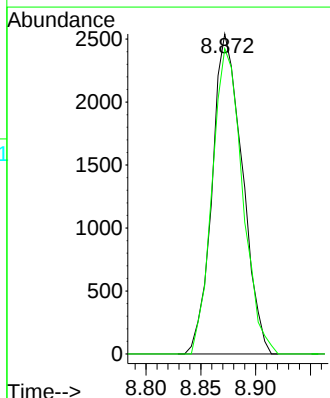
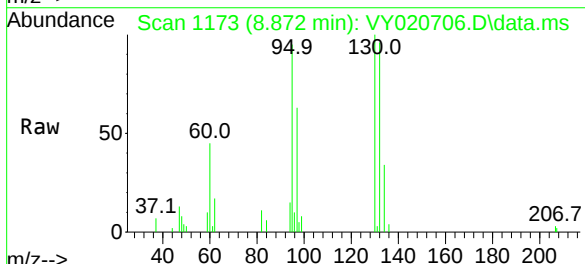
RT: 8.872 min Scan# 1173

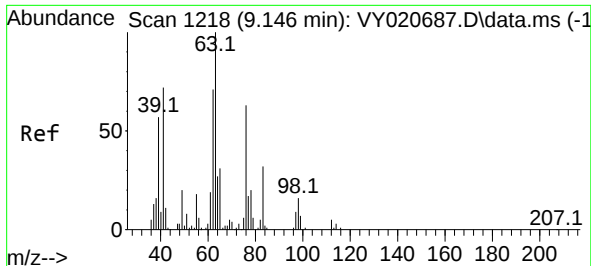
Delta R.T. -0.006 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

|              |       |             |
|--------------|-------|-------------|
| Tgt Ion: 130 | Resp: | 4862        |
| Ion          | Ratio | Lower Upper |
| 130          | 100   |             |
| 95           | 95.4  | 0.0 194.8   |





#45

1,2-Dichloropropane

Concen: 4.810 ug/l

RT: 9.152 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

Instrument :

MSVOA\_Y

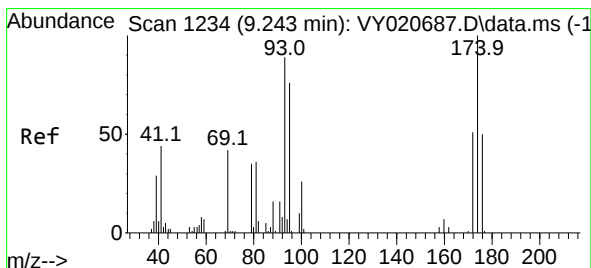
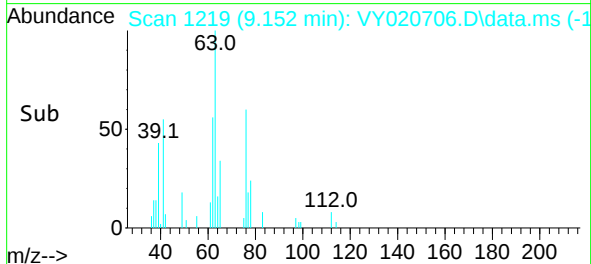
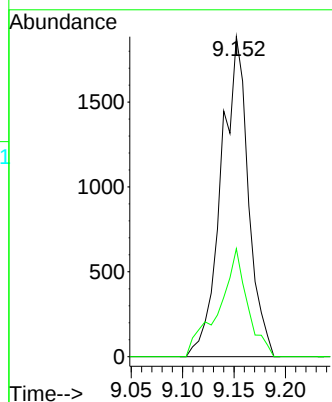
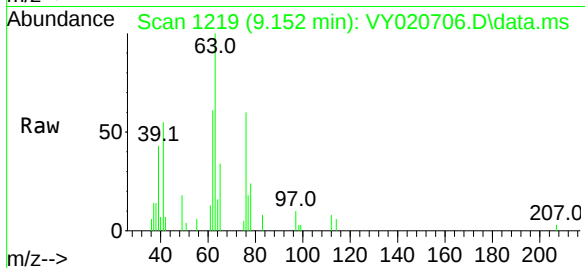
ClientSampleId :

Tgt Ion: 63 Resp: 3462

Ion Ratio Lower Upper

63 100

65 33.7 24.6 36.8



#46

Dibromomethane

Concen: 4.678 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. -0.005 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

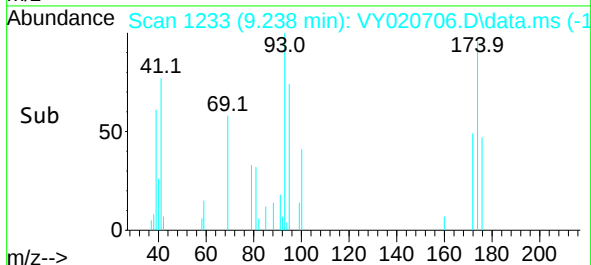
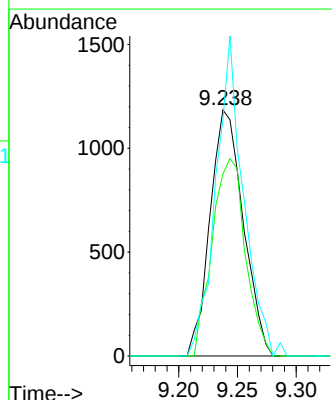
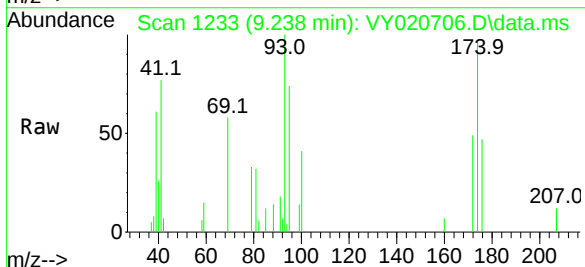
Tgt Ion: 93 Resp: 2330

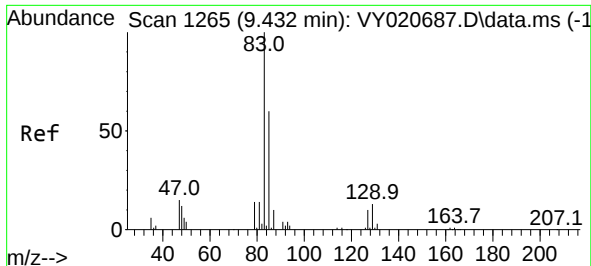
Ion Ratio Lower Upper

93 100

95 80.4 67.8 101.8

174 108.5 89.4 134.0

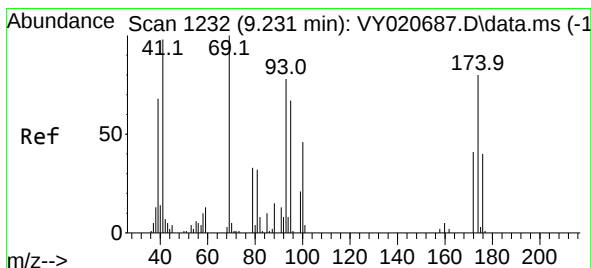
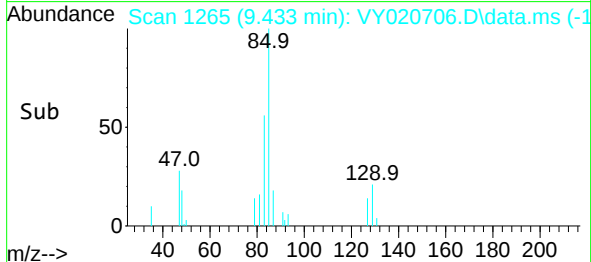
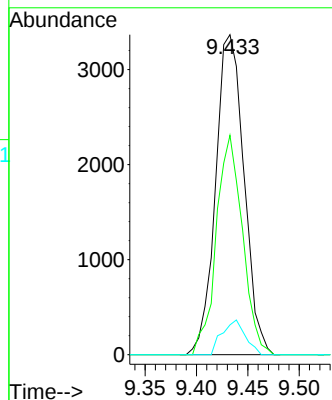
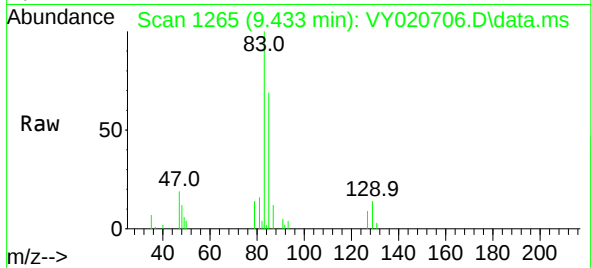




#47  
Bromodichloromethane  
Concen: 4.581 ug/l  
RT: 9.433 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

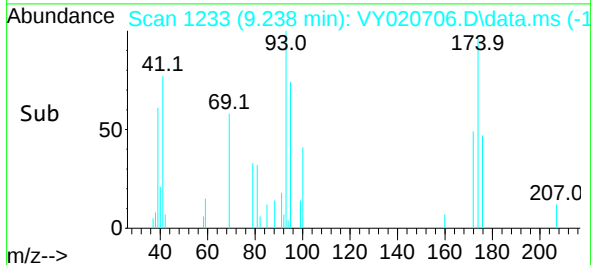
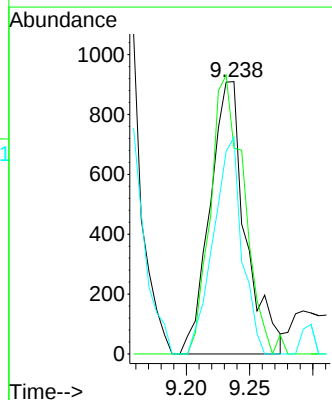
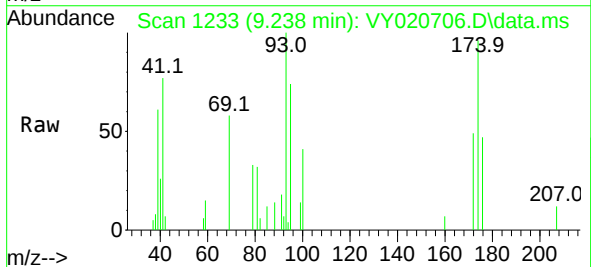
Instrument :  
MSVOA\_Y  
ClientSampleId :

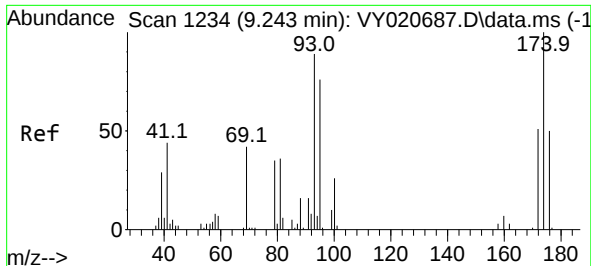
Tgt Ion: 83 Resp: 6469  
Ion Ratio Lower Upper  
83 100  
85 68.5 47.6 71.4  
127 9.3 7.9 11.9



#48  
Methyl methacrylate  
Concen: 4.445 ug/l  
RT: 9.238 min Scan# 1233  
Delta R.T. 0.007 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Tgt Ion: 41 Resp: 1784  
Ion Ratio Lower Upper  
41 100  
69 96.5 83.1 124.7  
39 63.7 57.3 85.9

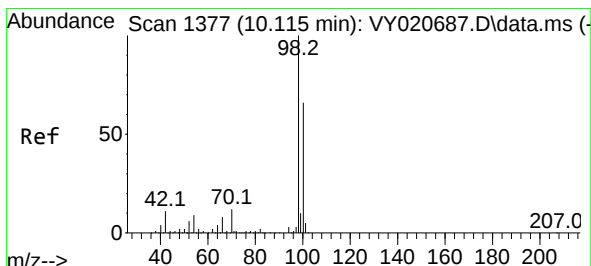
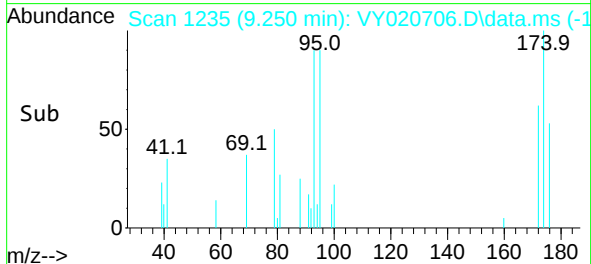
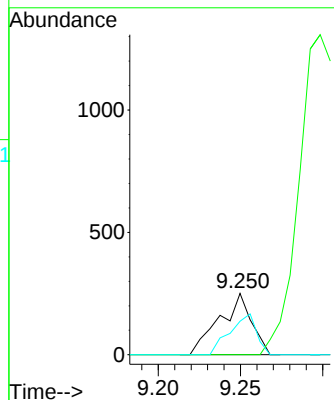
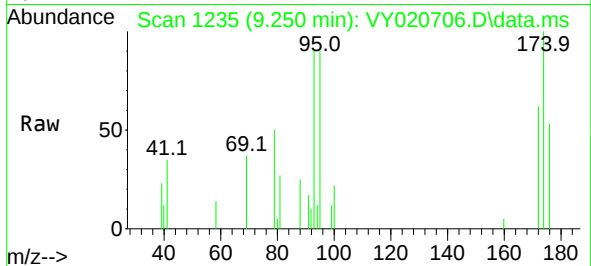




#49  
1,4-Dioxane  
Concen: 72.090 ug/l  
RT: 9.250 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

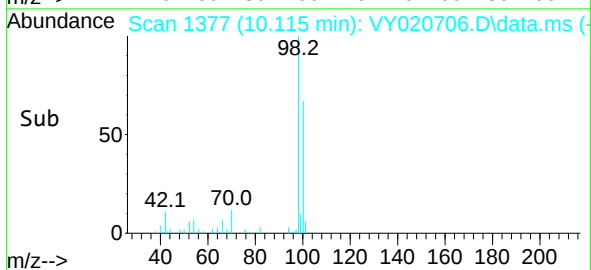
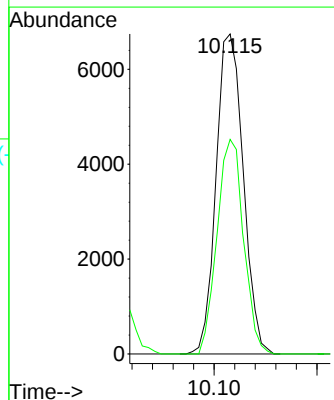
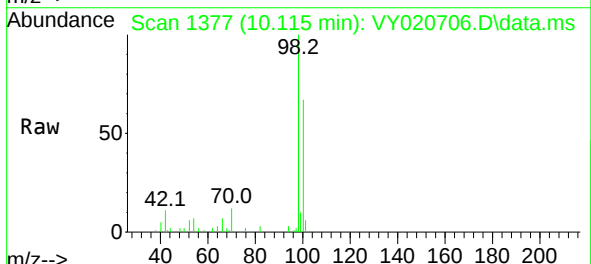
Instrument :  
MSVOA\_Y  
ClientSampleId :

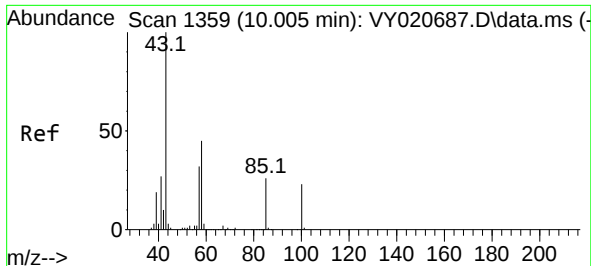
Tgt Ion: 88 Resp: 342  
Ion Ratio Lower Upper  
88 100  
43 0.0 22.1 33.1#  
58 55.0 46.7 70.1



#50  
Toluene-d8  
Concen: 4.957 ug/l  
RT: 10.115 min Scan# 1377  
Delta R.T. 0.000 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

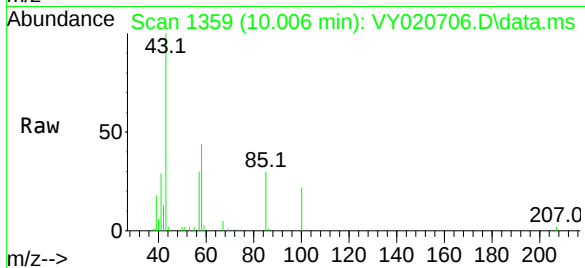
Tgt Ion: 98 Resp: 12366  
Ion Ratio Lower Upper  
98 100  
100 65.4 52.2 78.4



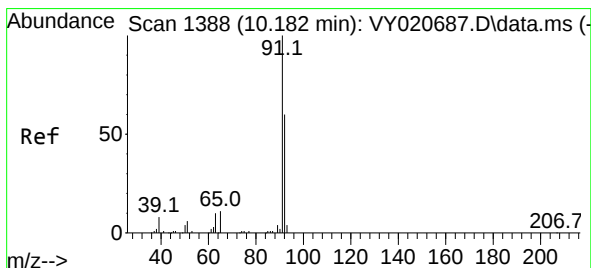
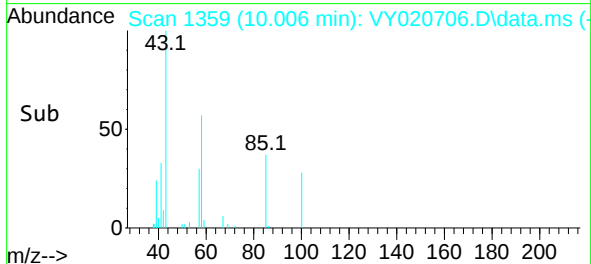
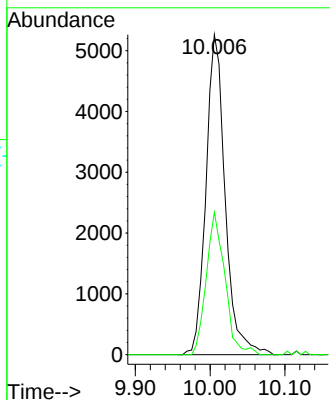


#51  
4-Methyl-2-Pentanone  
Concen: 22.620 ug/l  
RT: 10.006 min Scan# 1359  
Delta R.T. 0.001 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Instrument :  
MSVOA\_Y  
ClientSampleId :

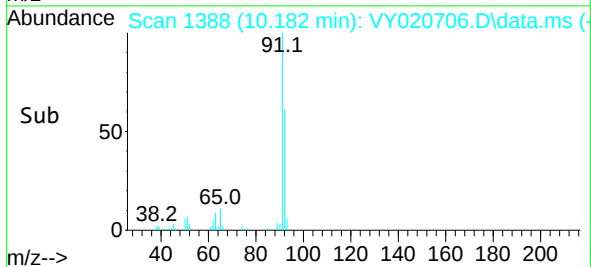
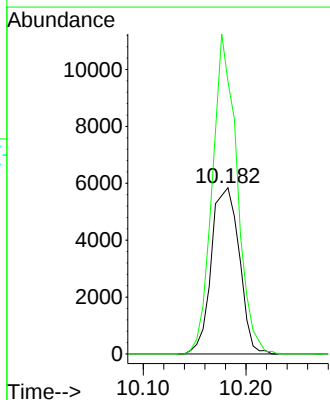
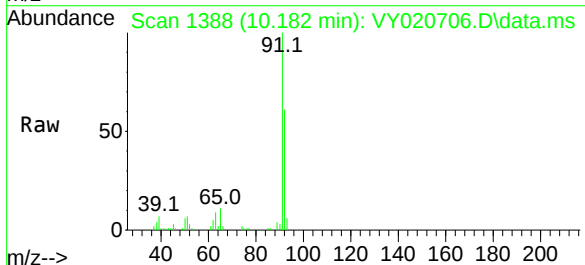


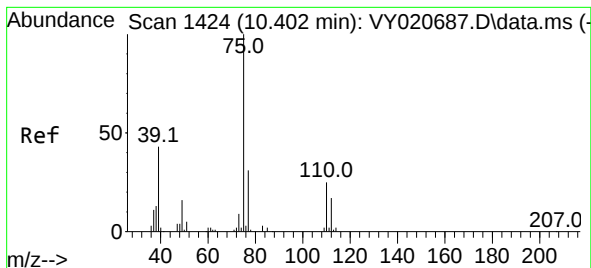
Tgt Ion: 43 Resp: 9383  
Ion Ratio Lower Upper  
43 100  
58 43.3 35.1 52.7



#52  
Toluene  
Concen: 4.526 ug/l  
RT: 10.182 min Scan# 1388  
Delta R.T. 0.000 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Tgt Ion: 92 Resp: 11031  
Ion Ratio Lower Upper  
92 100  
91 170.0 137.7 206.5

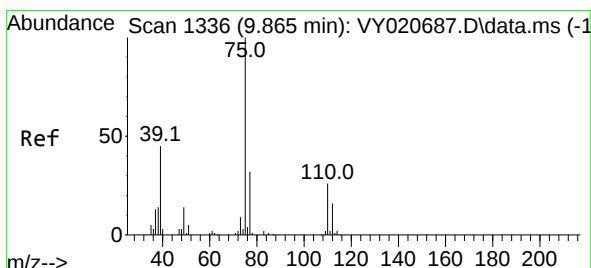
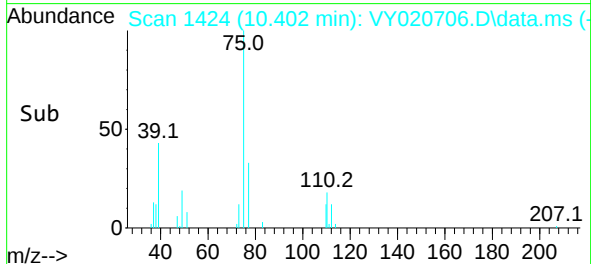
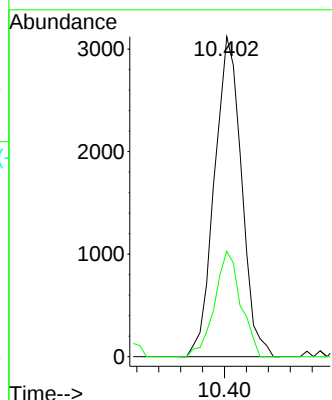
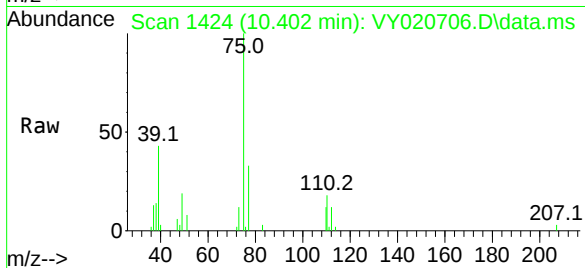




#53  
 t-1,3-Dichloropropene  
 Concen: 4.320 ug/l  
 RT: 10.402 min Scan# 1424  
 Delta R.T. -0.000 min  
 Lab File: VY020706.D  
 Acq: 26 Dec 2024 09:31

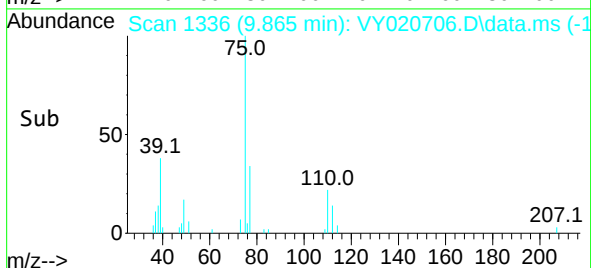
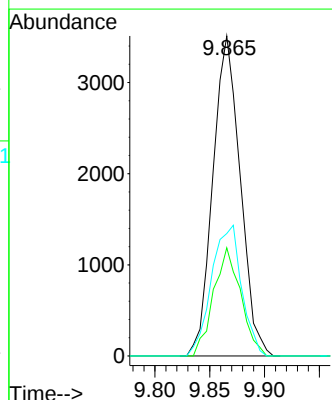
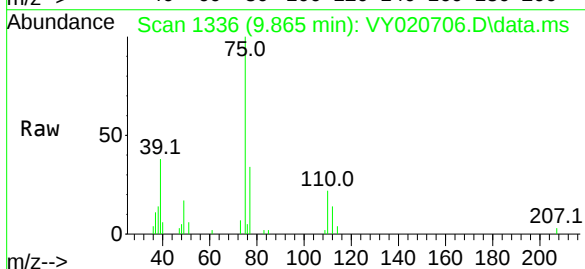
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

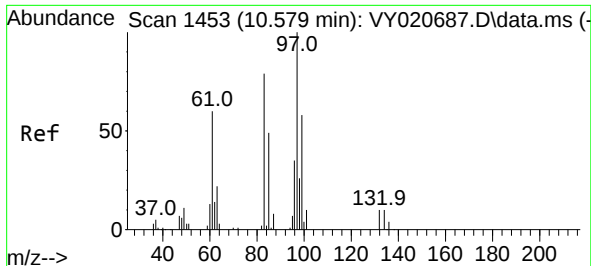
Tgt Ion: 75 Resp: 5357  
 Ion Ratio Lower Upper  
 75 100  
 77 32.9 25.1 37.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 4.481 ug/l  
 RT: 9.865 min Scan# 1336  
 Delta R.T. 0.000 min  
 Lab File: VY020706.D  
 Acq: 26 Dec 2024 09:31

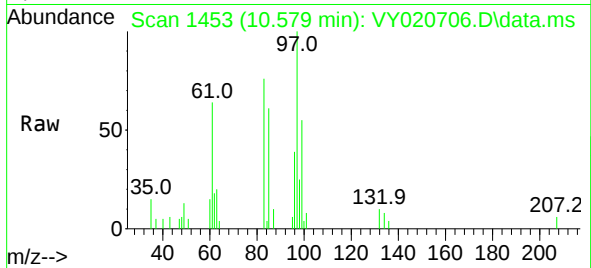
Tgt Ion: 75 Resp: 6091  
 Ion Ratio Lower Upper  
 75 100  
 77 33.8 25.6 38.4  
 39 38.3 36.2 54.2



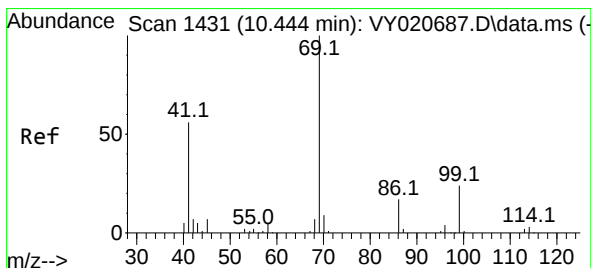
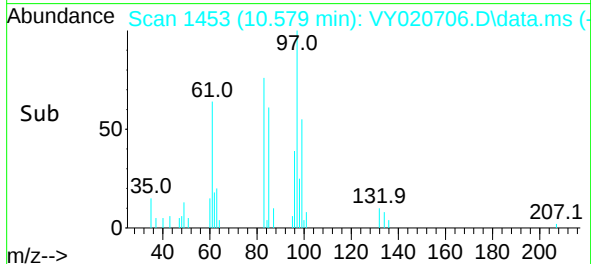
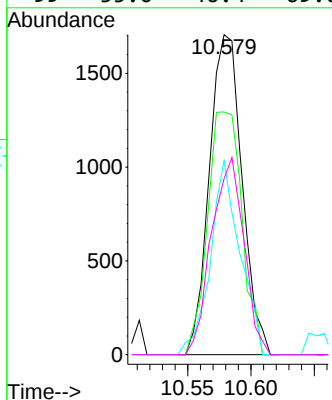


#55  
 1,1,2-Trichloroethane  
 Concen: 4.826 ug/l  
 RT: 10.579 min Scan# 1453  
 Delta R.T. -0.000 min  
 Lab File: VY020706.D  
 Acq: 26 Dec 2024 09:31

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

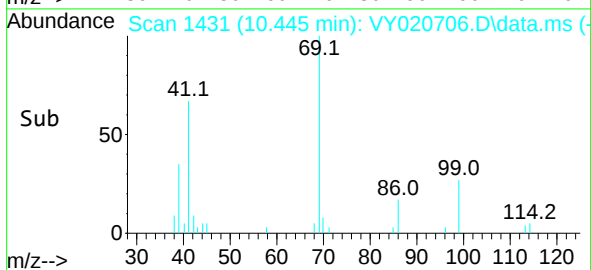
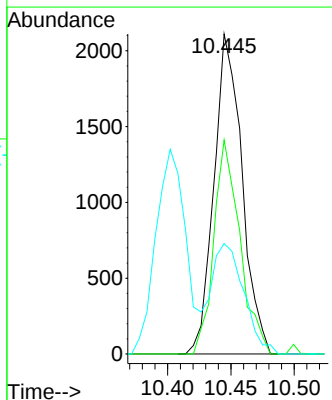
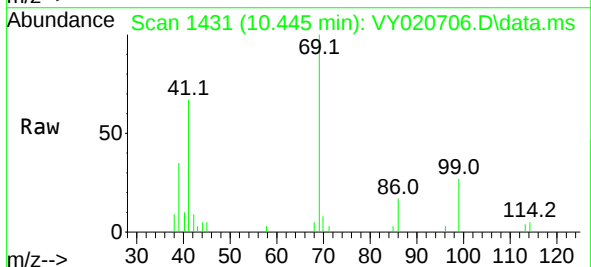


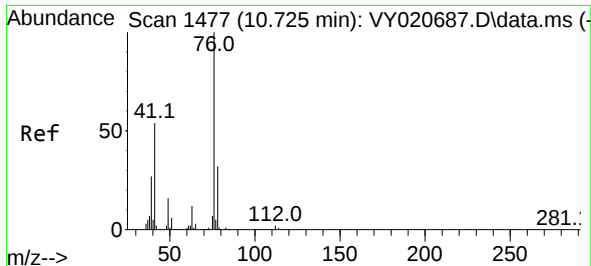
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 3068  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 75.8     | 63.1 94.7   |
| 85 60.6     | 39.5 59.3#  |
| 99 55.0     | 46.4 69.6   |



#56  
 Ethyl methacrylate  
 Concen: 3.891 ug/l  
 RT: 10.445 min Scan# 1431  
 Delta R.T. 0.001 min  
 Lab File: VY020706.D  
 Acq: 26 Dec 2024 09:31

|             |            |       |  |
|-------------|------------|-------|--|
| Tgt Ion: 69 | Resp: 3250 |       |  |
| Ion Ratio   | Lower      | Upper |  |
| 69 100      |            |       |  |
| 41 62.1     | 43.8       | 65.6  |  |
| 39 39.8     | 32.0       | 48.0  |  |





#57

1,3-Dichloropropane

Concen: 4.337 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

Instrument :

MSVOA\_Y

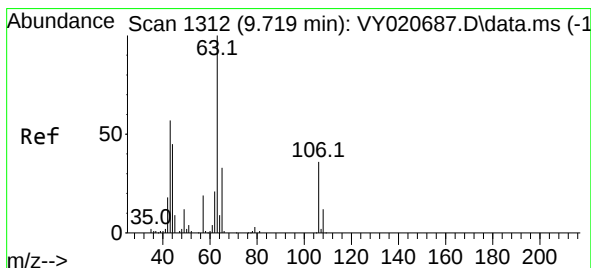
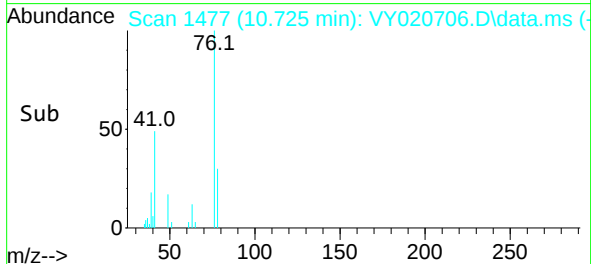
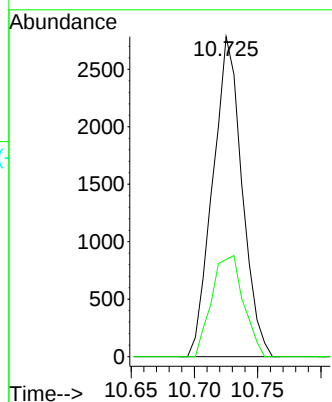
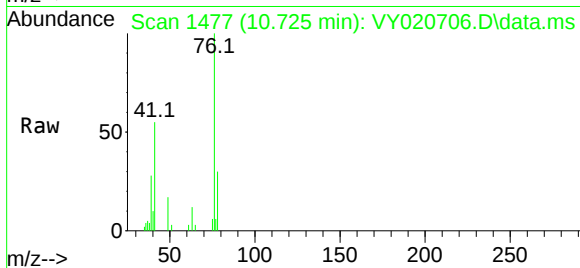
ClientSampleId :

Tgt Ion: 76 Resp: 4475

Ion Ratio Lower Upper

76 100

78 34.2 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 19.451 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY020706.D

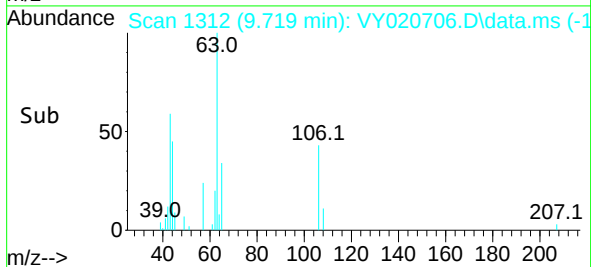
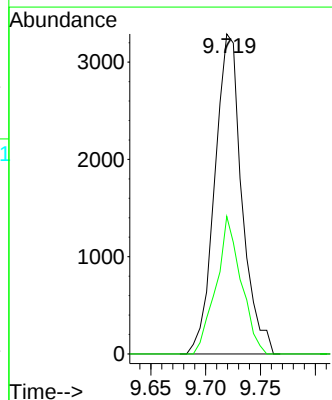
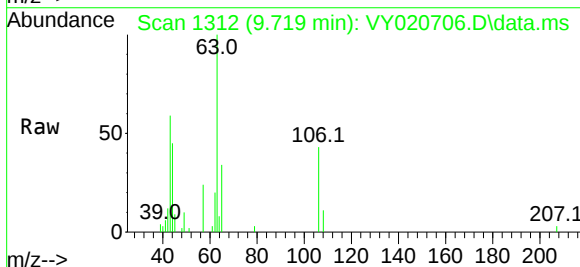
Acq: 26 Dec 2024 09:31

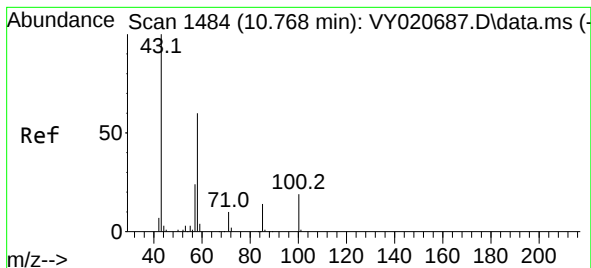
Tgt Ion: 63 Resp: 5665

Ion Ratio Lower Upper

63 100

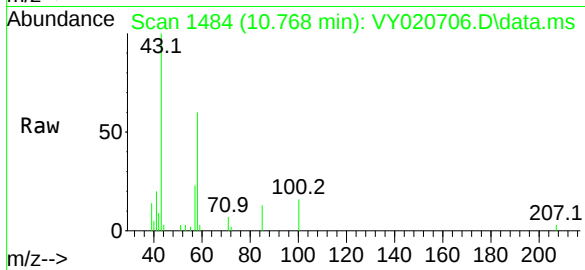
106 39.4 29.1 43.7



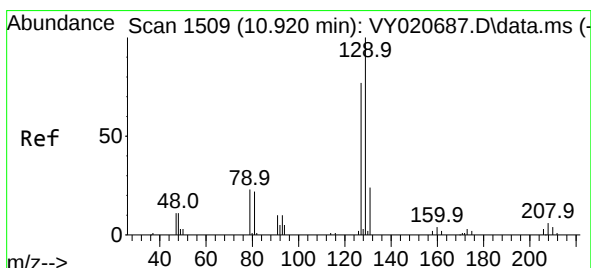
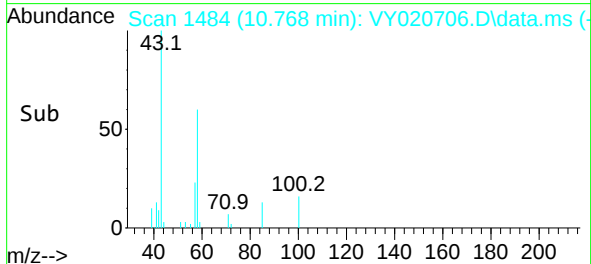
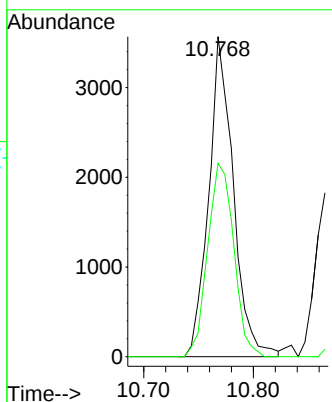


#59  
2-Hexanone  
Concen: 20.301 ug/l  
RT: 10.768 min Scan# 1484  
Delta R.T. -0.000 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Instrument :  
MSVOA\_Y  
ClientSampleId :

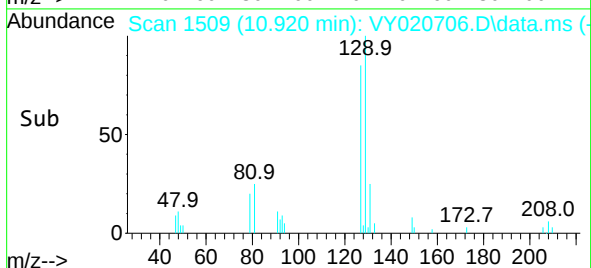
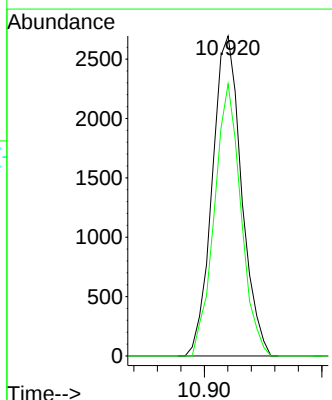
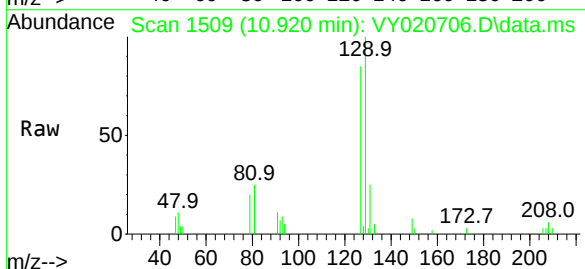


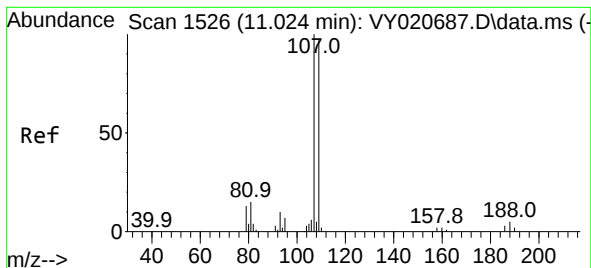
Tgt Ion: 43 Resp: 5560  
Ion Ratio Lower Upper  
43 100  
58 64.2 30.1 90.5



#60  
Dibromochloromethane  
Concen: 4.532 ug/l  
RT: 10.920 min Scan# 1509  
Delta R.T. 0.000 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Tgt Ion: 129 Resp: 4656  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.5 115.5

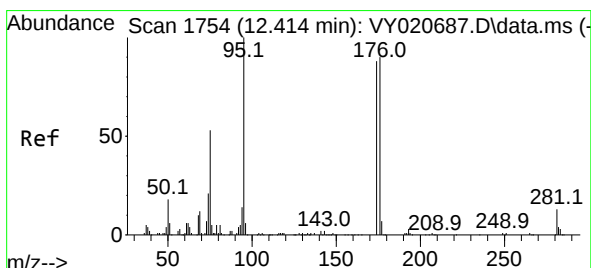
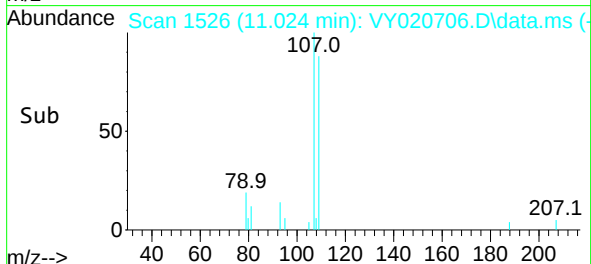
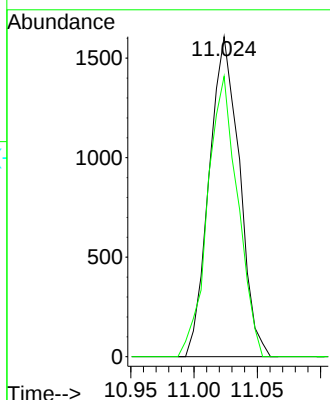
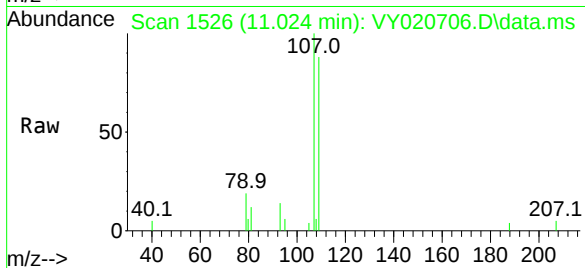




#61  
1,2-Dibromoethane  
Concen: 4.467 ug/l  
RT: 11.024 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

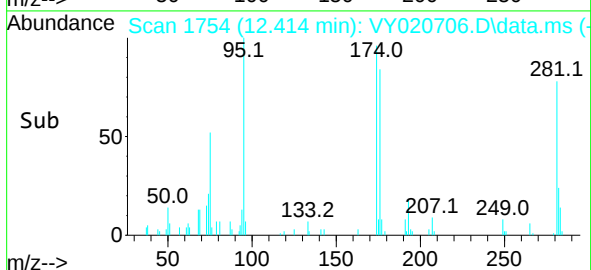
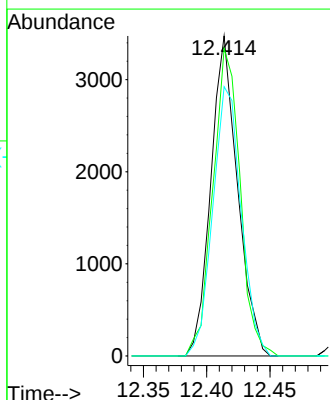
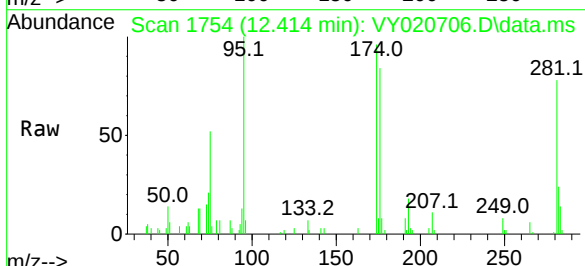
Instrument :  
MSVOA\_Y  
ClientSampleId :

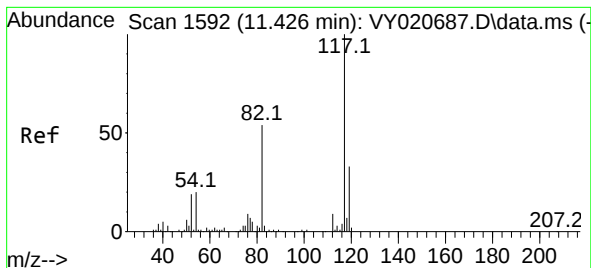
Tgt Ion:107 Resp: 2672  
Ion Ratio Lower Upper  
107 100  
109 87.6 75.5 113.3



#62  
4-Bromofluorobenzene  
Concen: 4.139 ug/l  
RT: 12.414 min Scan# 1754  
Delta R.T. -0.000 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Tgt Ion: 95 Resp: 5109  
Ion Ratio Lower Upper  
95 100  
174 97.6 0.0 179.2  
176 89.2 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1

Delta R.T. 0.000 min

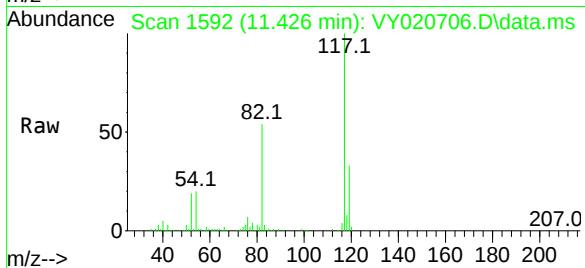
Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

Instrument :

MSVOA\_Y

ClientSampleId :



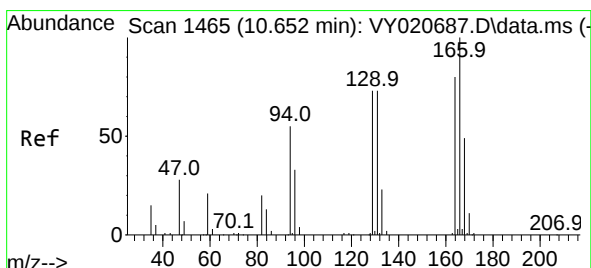
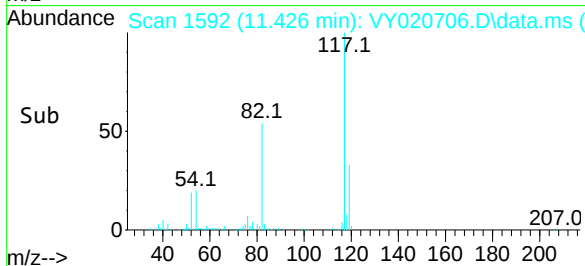
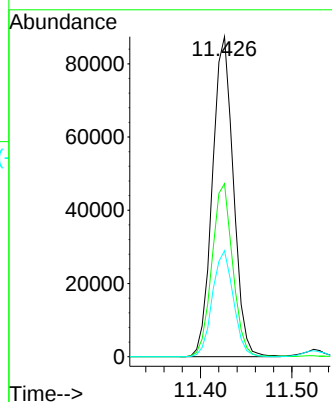
Tgt Ion:117 Resp: 139342

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.2

119 33.1 26.6 39.8



#64

Tetrachloroethene

Concen: 4.511 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

Tgt Ion:164 Resp: 4294

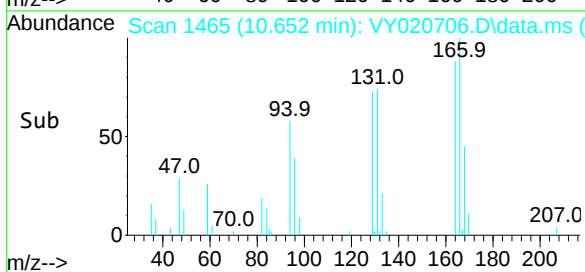
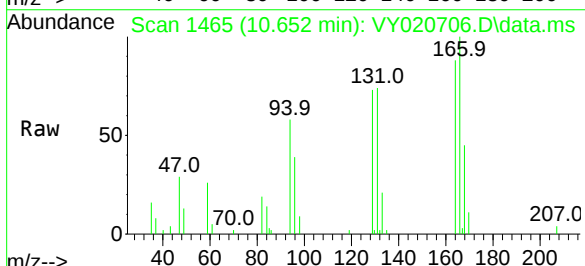
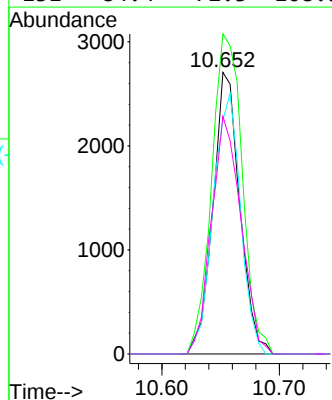
Ion Ratio Lower Upper

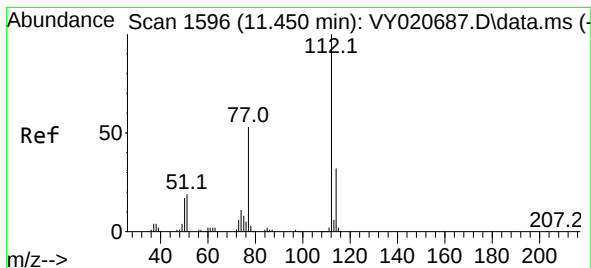
164 100

166 113.6 99.6 149.4

129 83.0 73.0 109.4

131 84.4 72.3 108.5





#65

Chlorobenzene

Concen: 4.724 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

Instrument :

MSVOA\_Y

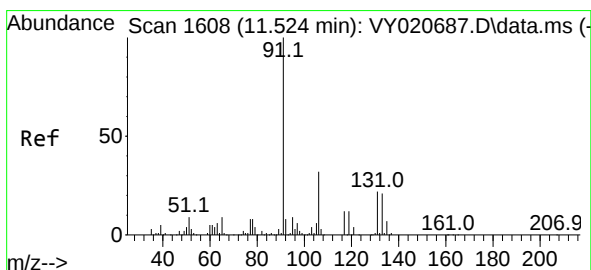
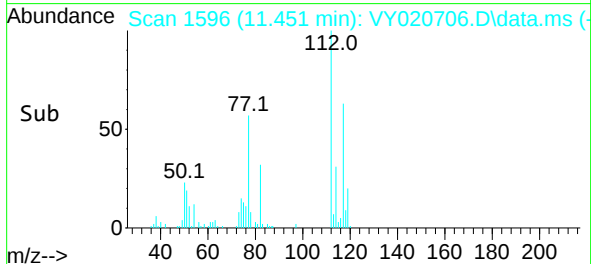
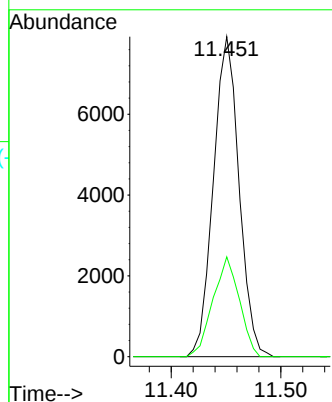
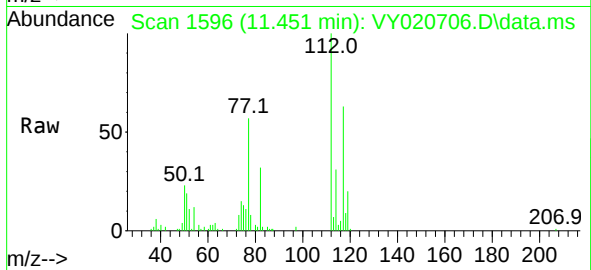
ClientSampleId :

Tgt Ion:112 Resp: 12888

Ion Ratio Lower Upper

112 100

114 31.2 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 4.806 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

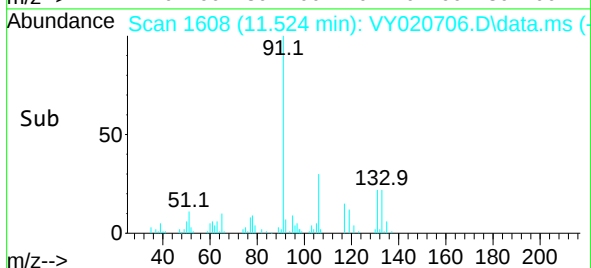
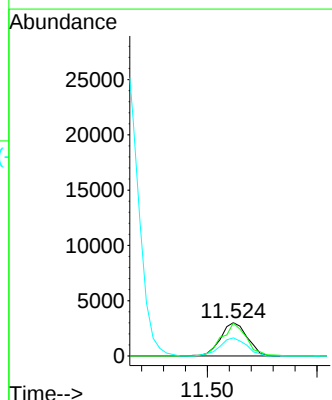
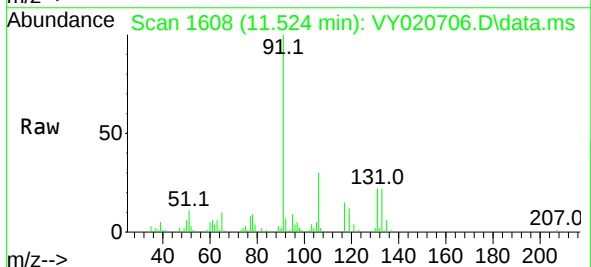
Tgt Ion:131 Resp: 5080

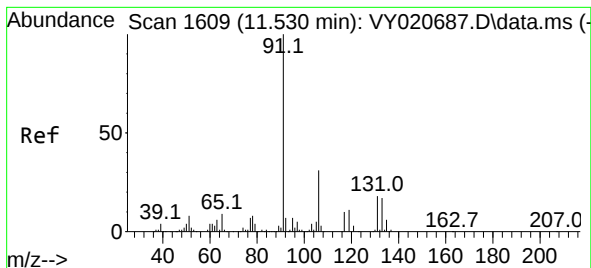
Ion Ratio Lower Upper

131 100

133 92.2 48.6 145.9

119 54.4 28.4 85.3





#67

Ethyl Benzene

Concen: 4.499 ug/l

RT: 11.524 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

Instrument :

MSVOA\_Y

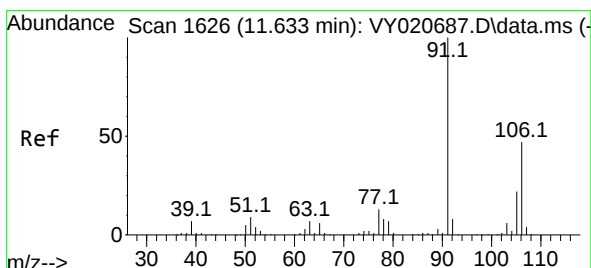
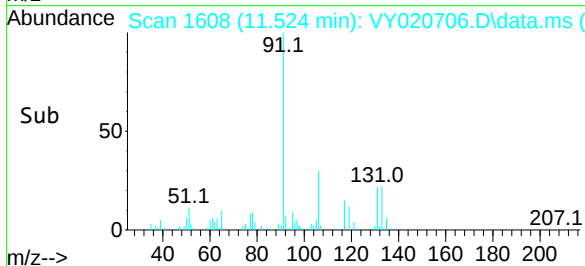
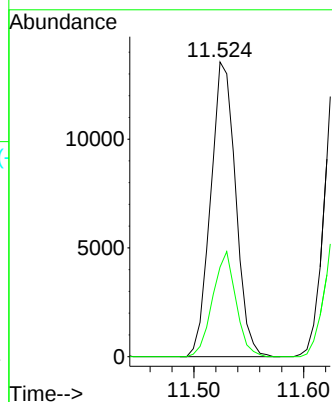
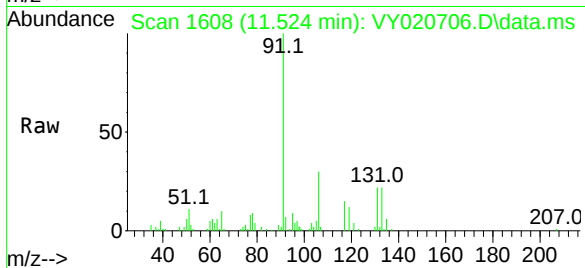
ClientSampleId :

Tgt Ion: 91 Resp: 21456

Ion Ratio Lower Upper

91 100

106 30.4 24.5 36.7



#68

m/p-Xylenes

Concen: 9.042 ug/l

RT: 11.640 min Scan# 1627

Delta R.T. 0.007 min

Lab File: VY020706.D

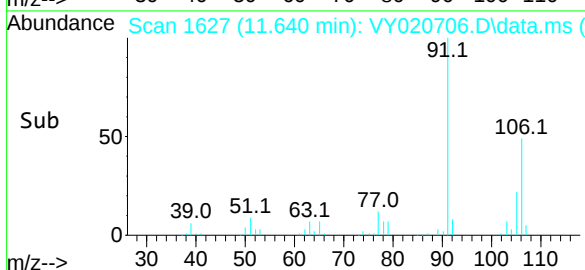
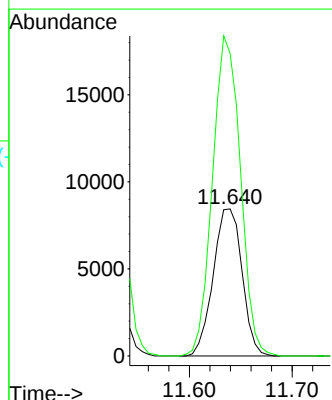
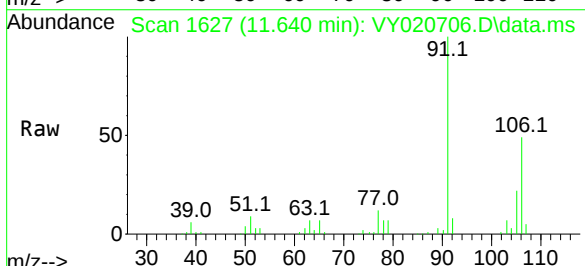
Acq: 26 Dec 2024 09:31

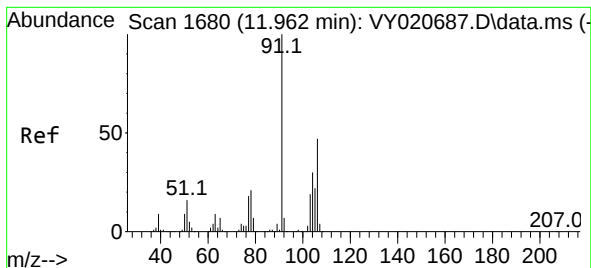
Tgt Ion:106 Resp: 16447

Ion Ratio Lower Upper

106 100

91 210.6 166.6 250.0





#69

o-Xylene

Concen: 4.425 ug/l

RT: 11.963 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

Instrument :

MSVOA\_Y

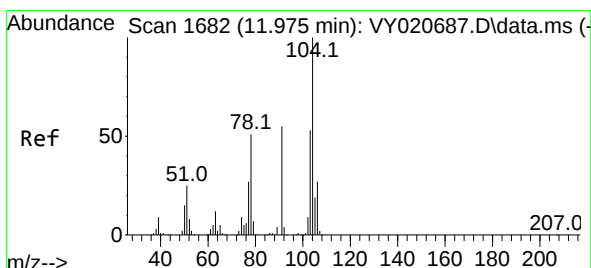
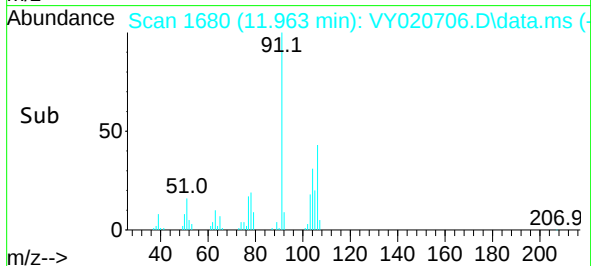
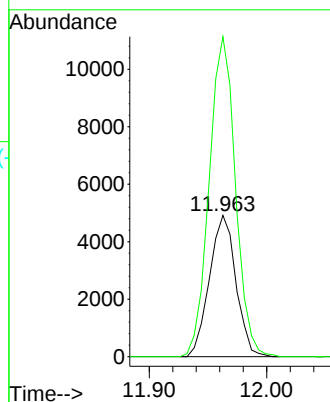
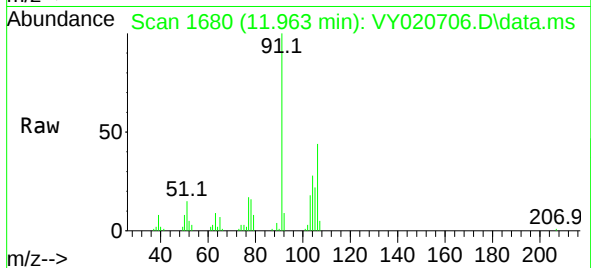
ClientSampleId :

Tgt Ion:106 Resp: 7691

Ion Ratio Lower Upper

106 100

91 224.9 108.6 325.8



#70

Styrene

Concen: 4.577 ug/l

RT: 11.981 min Scan# 1683

Delta R.T. 0.006 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

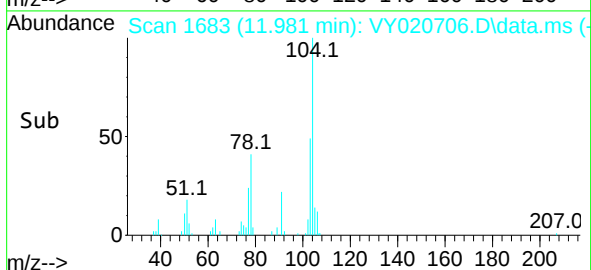
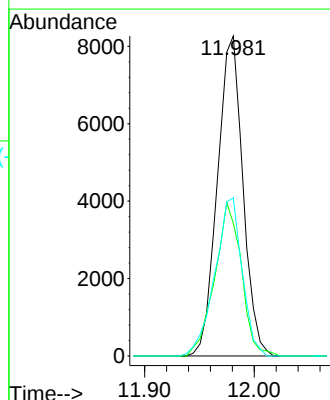
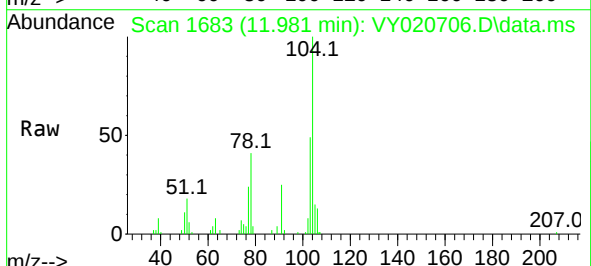
Tgt Ion:104 Resp: 13353

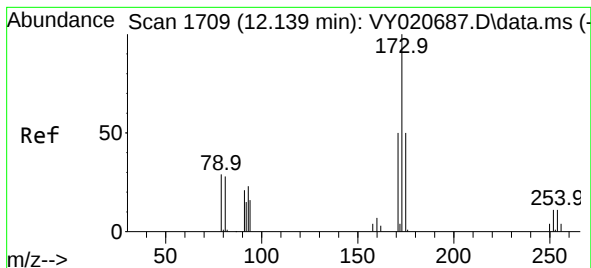
Ion Ratio Lower Upper

104 100

78 50.1 43.0 64.4

103 52.7 44.4 66.6





#71

Bromoform

Concen: 4.308 ug/l

RT: 12.146 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

Instrument :

MSVOA\_Y

ClientSampleId :

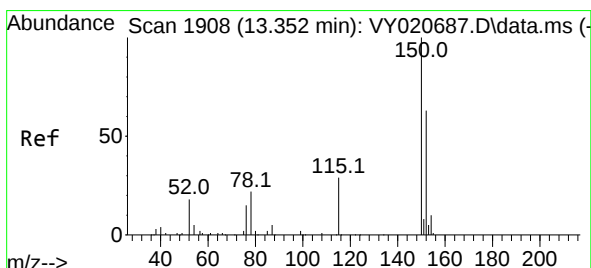
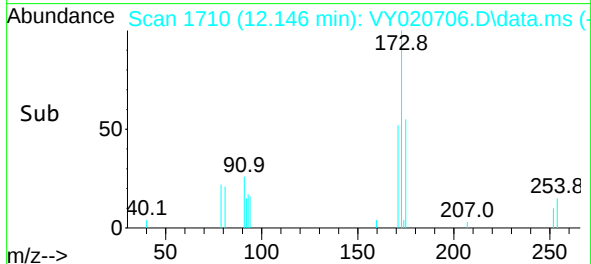
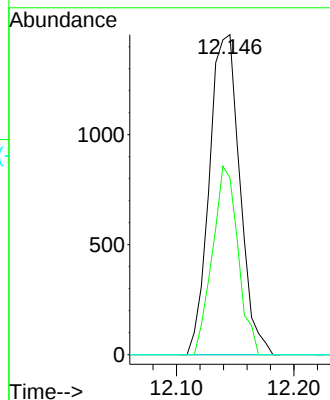
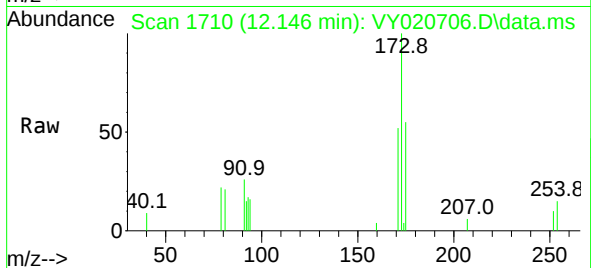
Tgt Ion:173 Resp: 2618

Ion Ratio Lower Upper

173 100

175 49.5 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.007 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

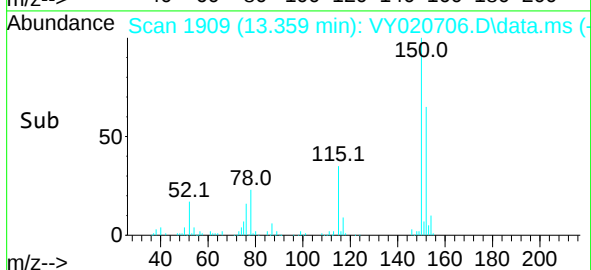
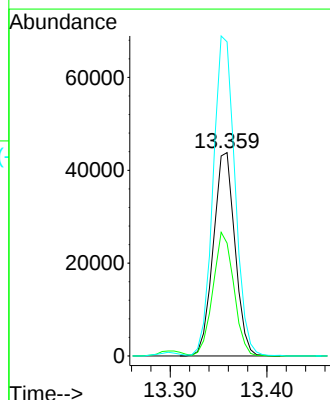
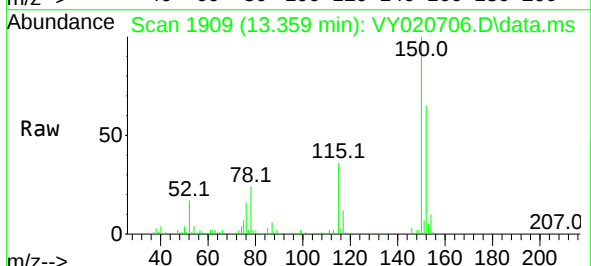
Tgt Ion:152 Resp: 68108

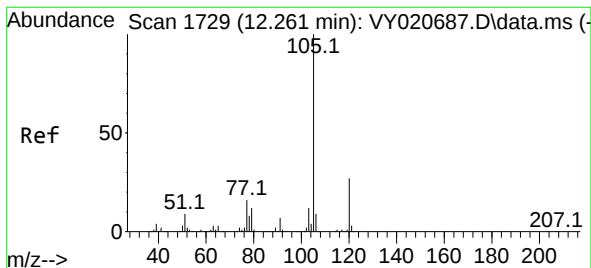
Ion Ratio Lower Upper

152 100

115 58.6 30.3 90.9

150 158.9 0.0 349.0





#73

Isopropylbenzene

Concen: 4.508 ug/l

RT: 12.261 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

Instrument :

MSVOA\_Y

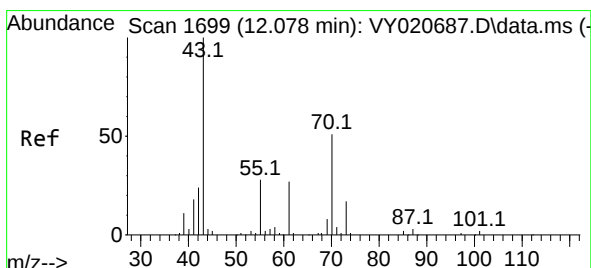
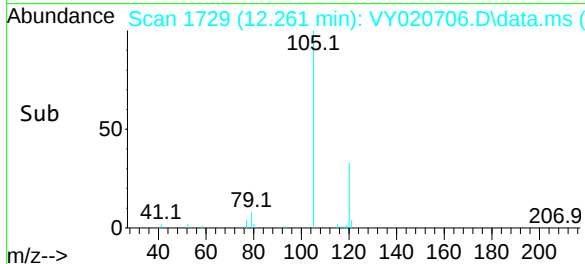
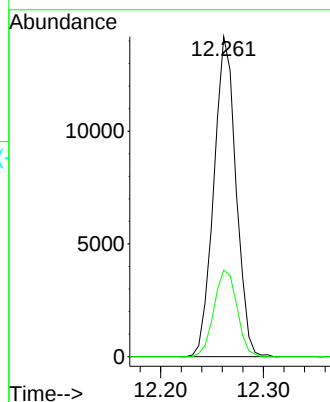
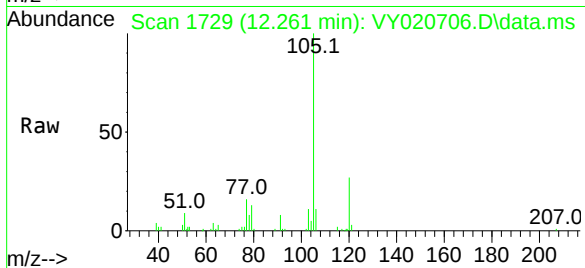
ClientSampleId :

Tgt Ion:105 Resp: 21271

Ion Ratio Lower Upper

105 100

120 27.9 13.3 39.9



#74

N-ethyl acetate

Concen: 3.970 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

Tgt Ion: 43 Resp: 2662

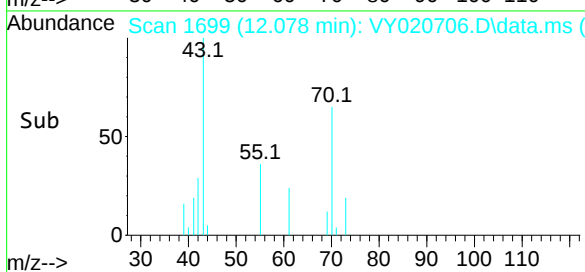
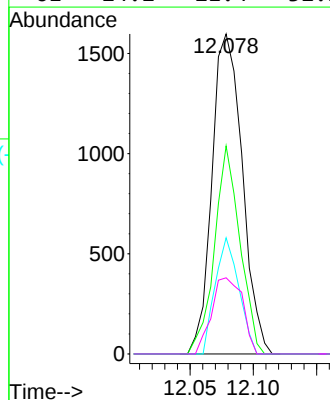
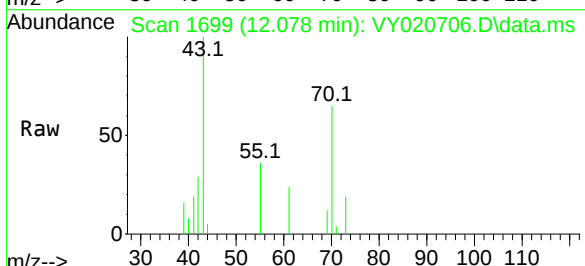
Ion Ratio Lower Upper

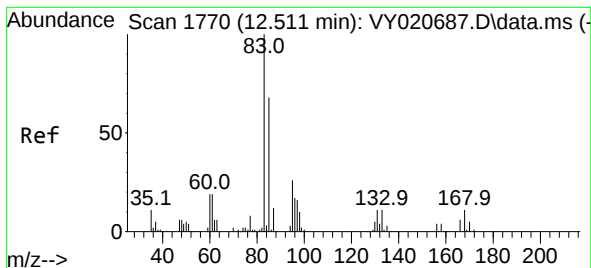
43 100

70 54.7 39.7 59.5

55 28.3 21.5 32.3

61 24.2 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 4.847 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY020706.D

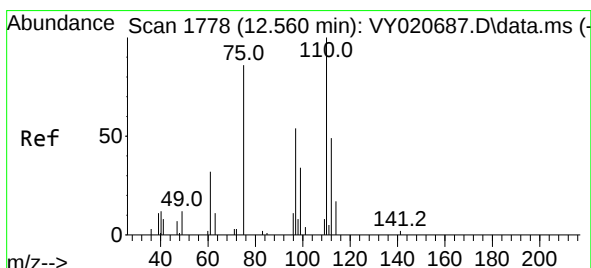
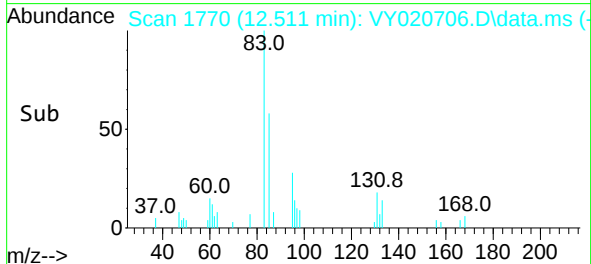
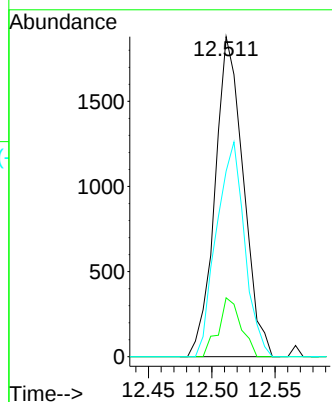
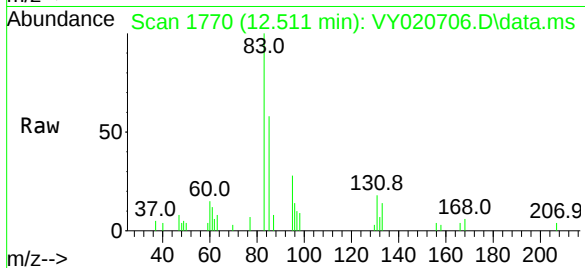
Acq: 26 Dec 2024 09:31

Instrument :

MSVOA\_Y

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 83 | Resp: | 2932      |
| Ion Ratio   | Lower | Upper     |
| 83          | 100   |           |
| 131         | 14.5  | 6.9 20.7  |
| 85          | 66.4  | 32.5 97.4 |



#76

1,2,3-Trichloropropane

Concen: 8.425 ug/l

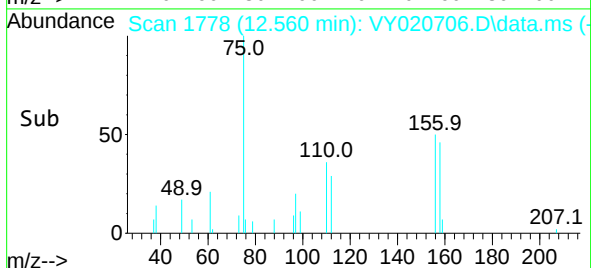
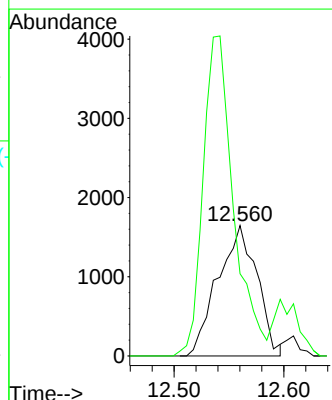
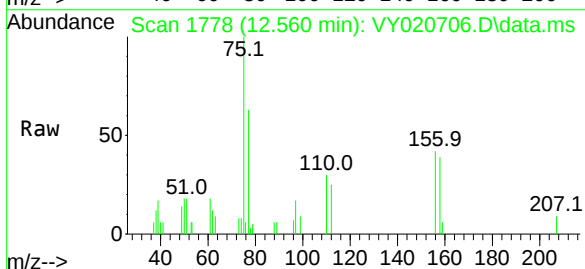
RT: 12.560 min Scan# 1778

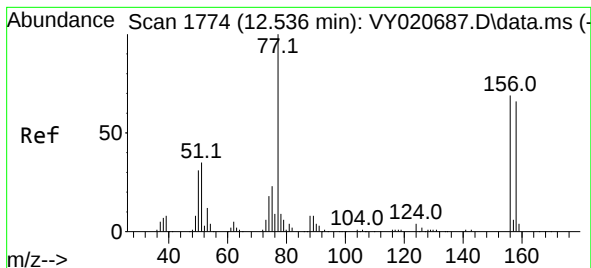
Delta R.T. 0.000 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

|             |       |          |
|-------------|-------|----------|
| Tgt Ion: 75 | Resp: | 4095     |
| Ion Ratio   | Lower | Upper    |
| 75          | 100   |          |
| 77          | 189.8 | 0.0 0.0# |





#77

Bromobenzene

Concen: 4.775 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

Instrument :

MSVOA\_Y

ClientSampleId :

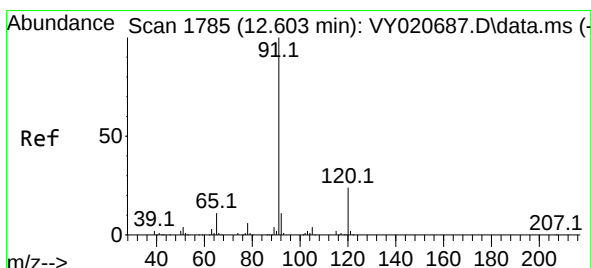
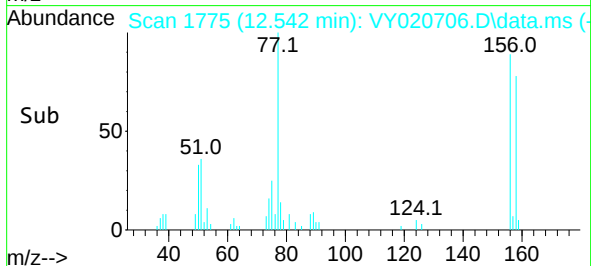
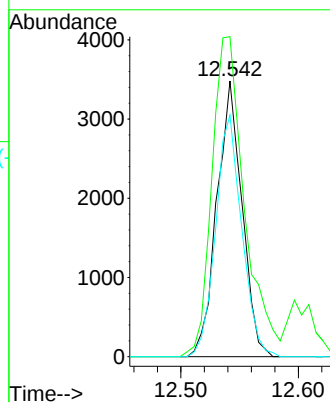
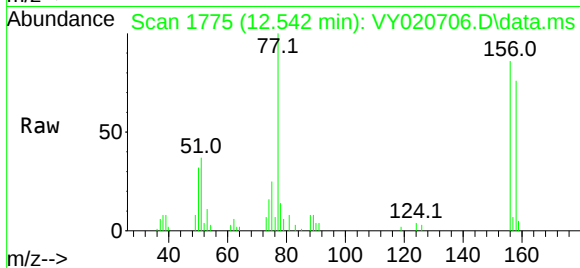
Tgt Ion:156 Resp: 5187

Ion Ratio Lower Upper

156 100

77 149.9 78.3 235.0

158 91.1 48.3 144.9



#78

n-propylbenzene

Concen: 4.534 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY020706.D

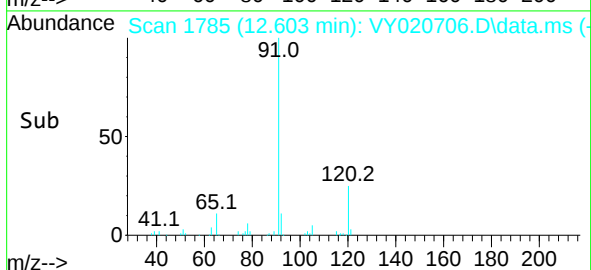
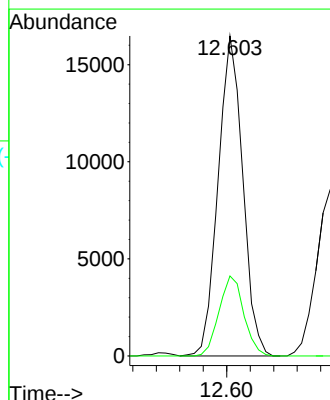
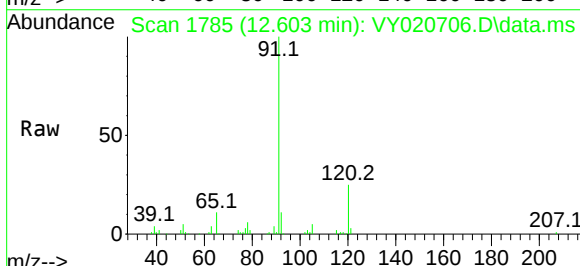
Acq: 26 Dec 2024 09:31

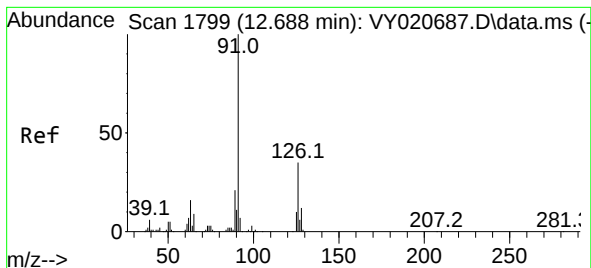
Tgt Ion: 91 Resp: 23980

Ion Ratio Lower Upper

91 100

120 25.1 12.3 36.8





#79

2-Chlorotoluene

Concen: 4.540 ug/l

RT: 12.688 min Scan# 1799

Delta R.T. 0.000 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

Instrument :

MSVOA\_Y

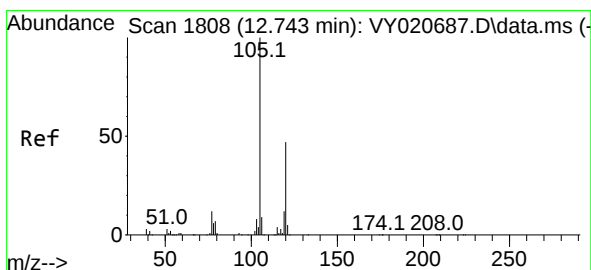
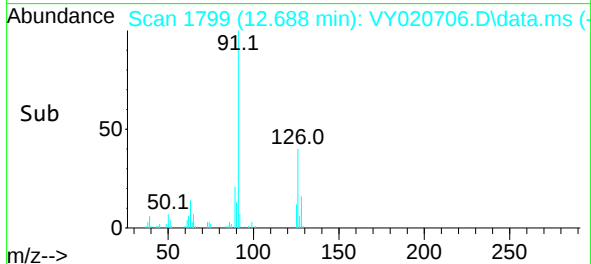
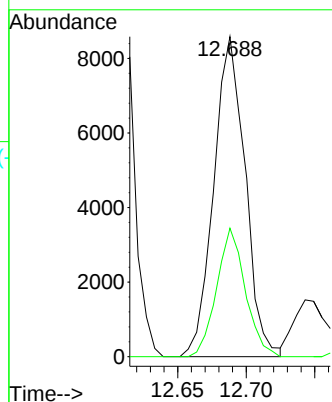
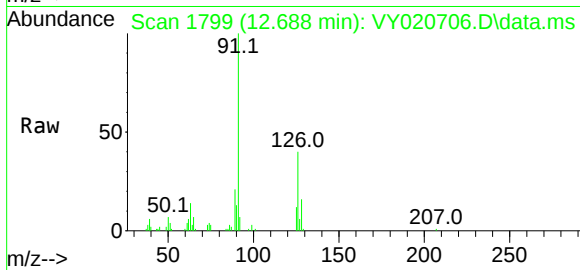
ClientSampleId :

Tgt Ion: 91 Resp: 13687

Ion Ratio Lower Upper

91 100

126 36.6 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 4.582 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VY020706.D

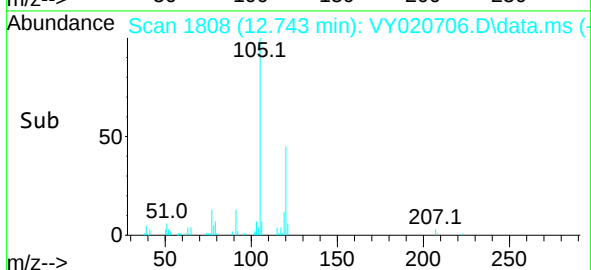
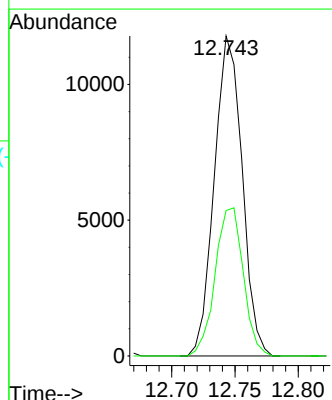
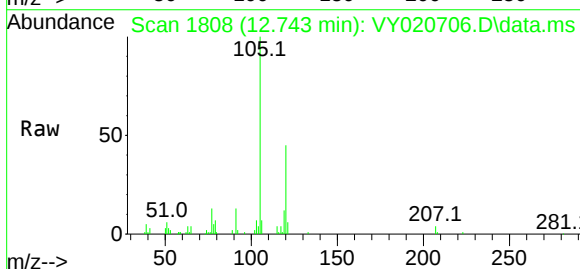
Acq: 26 Dec 2024 09:31

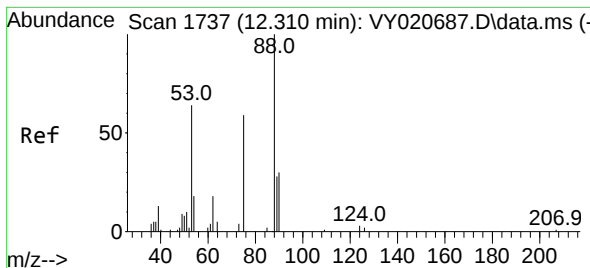
Tgt Ion: 105 Resp: 18014

Ion Ratio Lower Upper

105 100

120 46.7 23.9 71.7

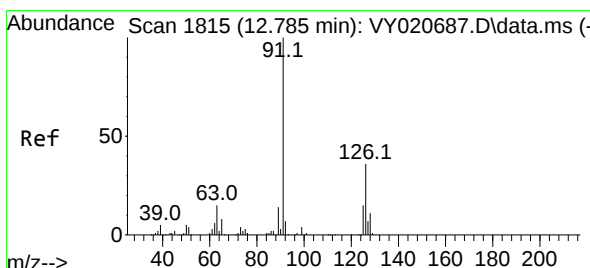
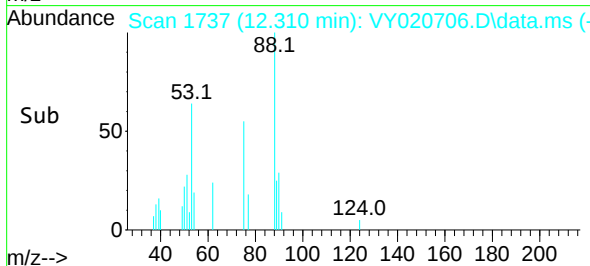
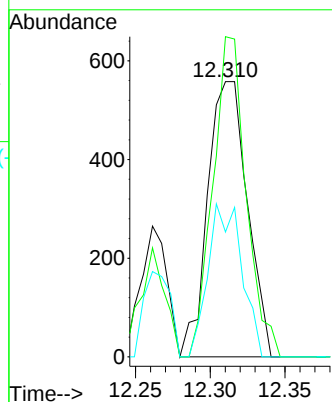
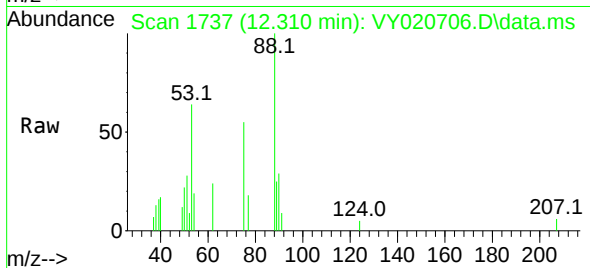




#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.700 ug/l  
RT: 12.310 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

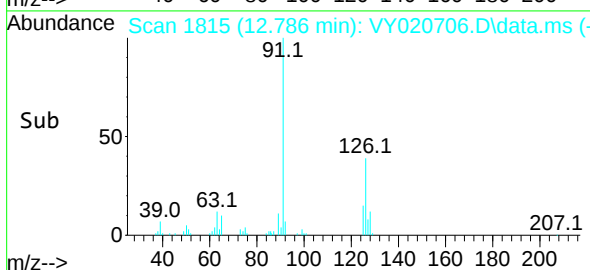
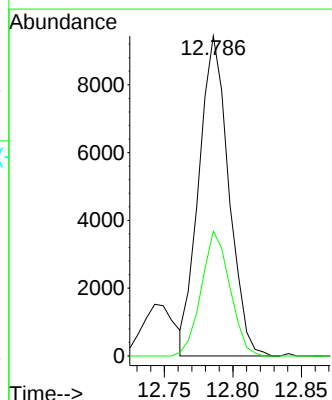
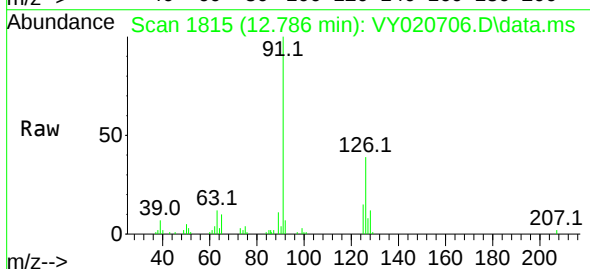
Instrument :  
MSVOA\_Y  
ClientSampleId :

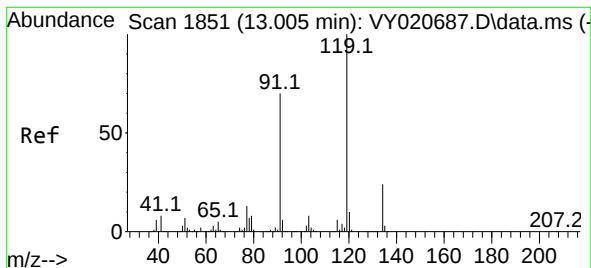
Tgt Ion: 75 Resp: 1030  
Ion Ratio Lower Upper  
75 100  
53 97.4 83.1 124.7  
89 47.2 40.6 61.0



#82  
4-Chlorotoluene  
Concen: 4.588 ug/l  
RT: 12.786 min Scan# 1815  
Delta R.T. 0.001 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Tgt Ion: 91 Resp: 14294  
Ion Ratio Lower Upper  
91 100  
126 37.3 17.8 53.5





#83

tert-Butylbenzene

Concen: 4.613 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VY020706.D

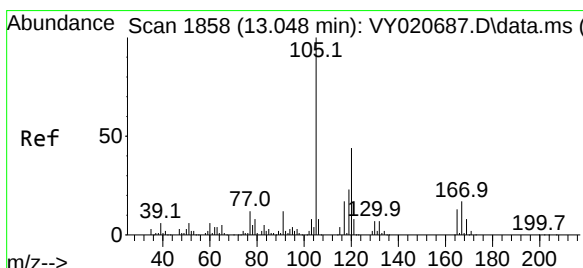
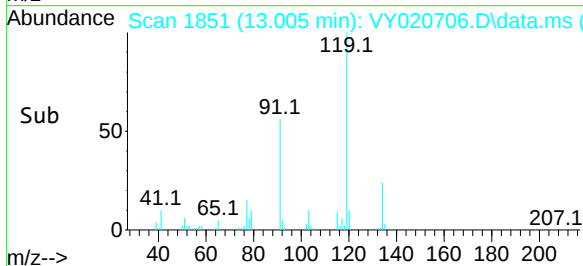
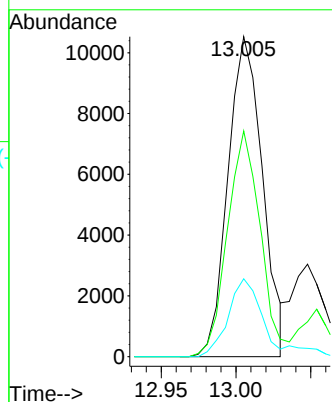
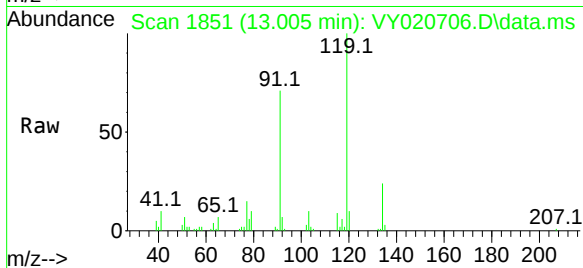
Acq: 26 Dec 2024 09:31

Instrument :

MSVOA\_Y

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:119 | Resp: | 16938      |
| Ion Ratio   | Lower | Upper      |
| 119         | 100   |            |
| 91          | 67.4  | 33.6 100.8 |
| 134         | 25.6  | 13.4 40.2  |



#84

1,2,4-Trimethylbenzene

Concen: 4.473 ug/l

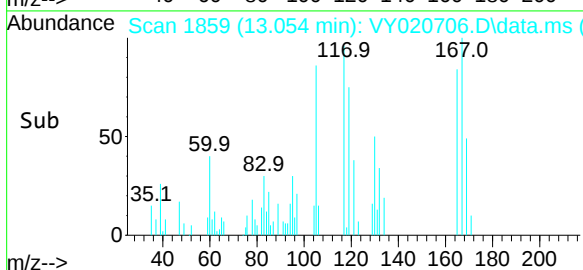
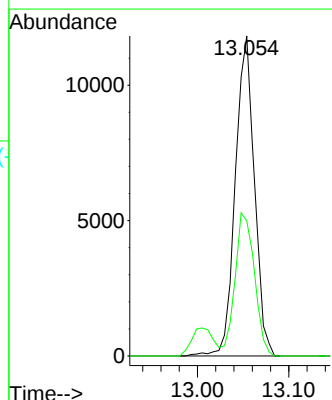
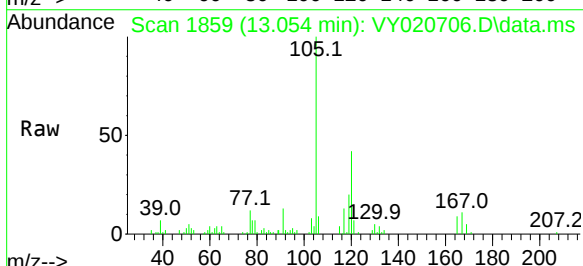
RT: 13.054 min Scan# 1859

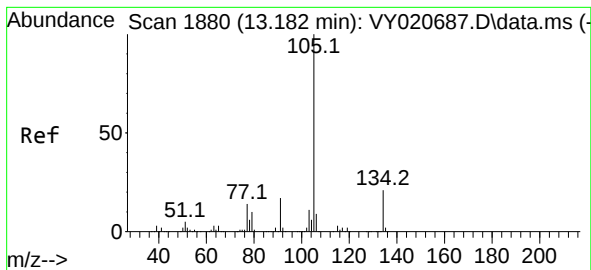
Delta R.T. 0.006 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 17114     |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 120         | 45.7  | 21.8 65.3 |





#85

sec-Butylbenzene

Concen: 4.564 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

Instrument :

MSVOA\_Y

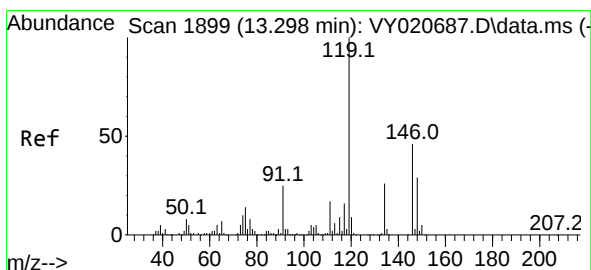
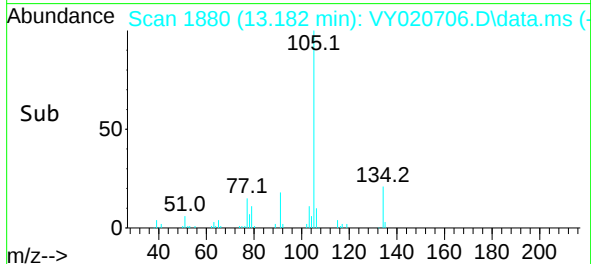
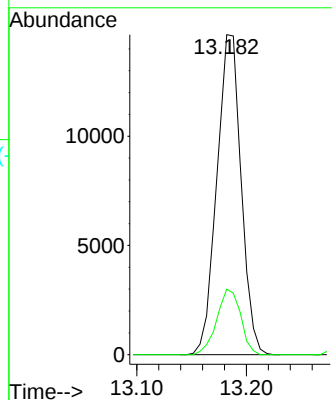
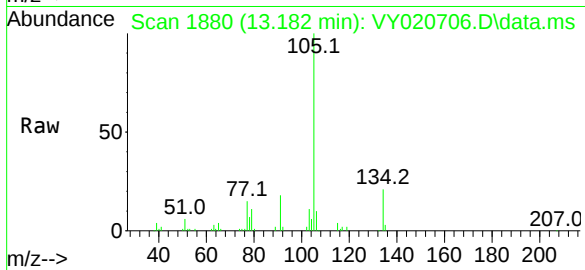
ClientSampleId :

Tgt Ion:105 Resp: 22583

Ion Ratio Lower Upper

105 100

134 20.1 10.7 32.1



#86

p-Isopropyltoluene

Concen: 4.513 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

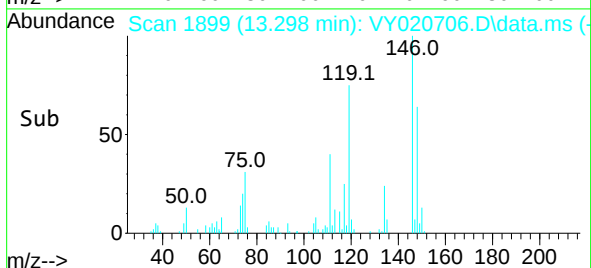
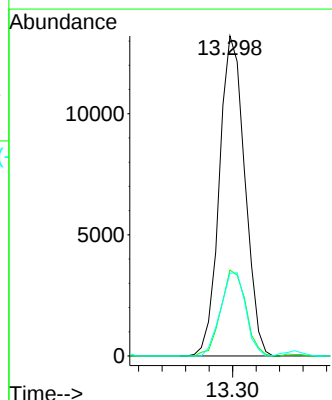
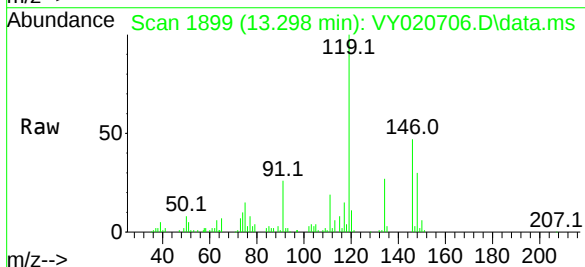
Tgt Ion:119 Resp: 19901

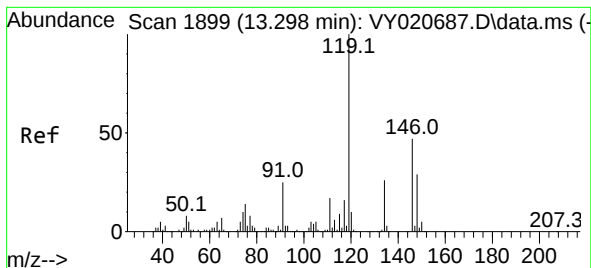
Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.2

91 25.6 12.9 38.6





#87

1,3-Dichlorobenzene

Concen: 4.582 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

Instrument :

MSVOA\_Y

ClientSampleId :

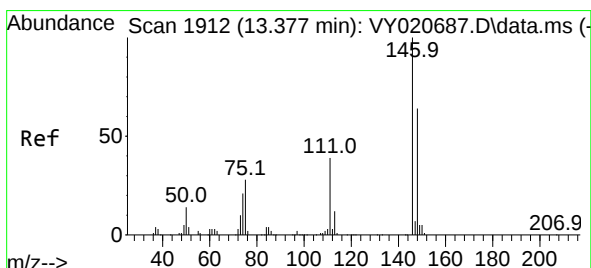
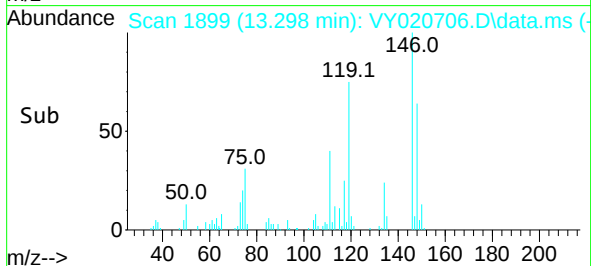
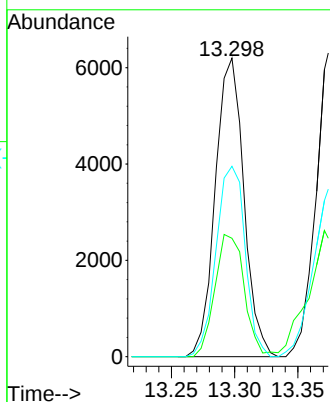
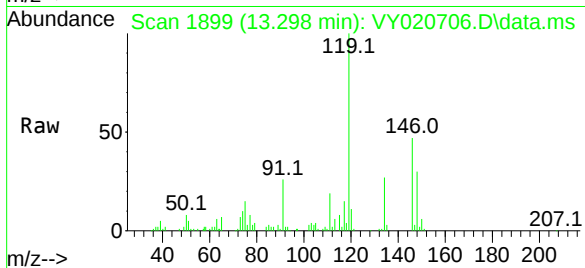
Tgt Ion:146 Resp: 9727

Ion Ratio Lower Upper

146 100

111 42.4 19.3 57.8

148 64.9 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 4.811 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.000 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

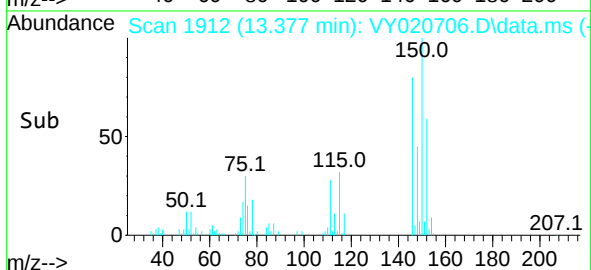
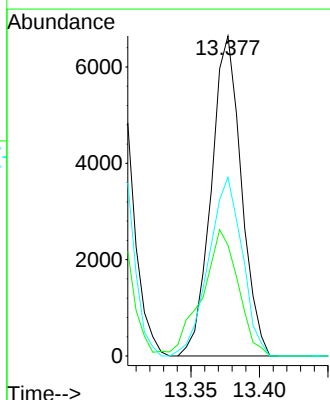
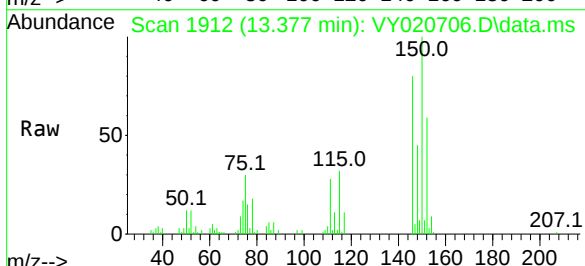
Tgt Ion:146 Resp: 10161

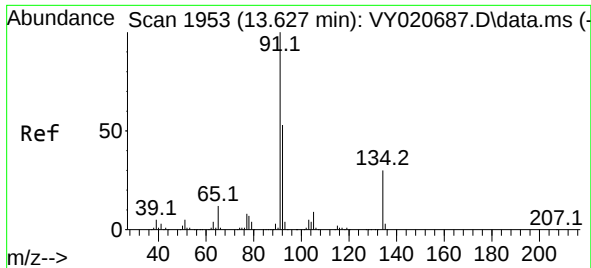
Ion Ratio Lower Upper

146 100

111 46.8 19.7 59.0

148 62.3 32.8 98.3

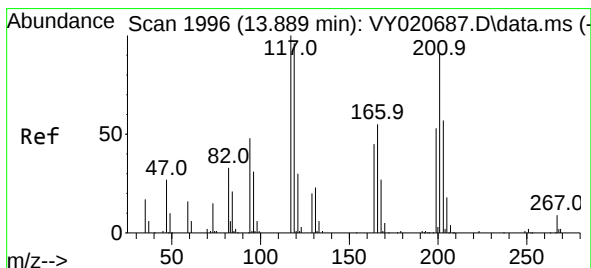
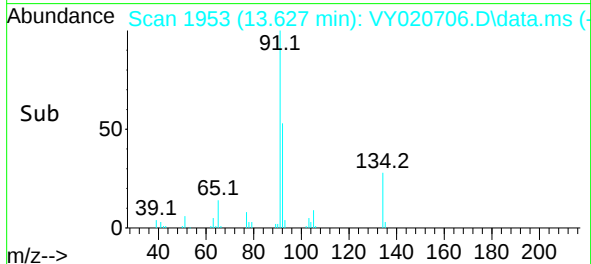
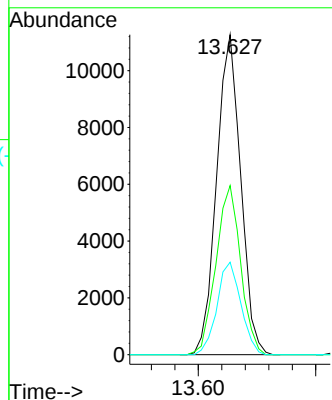
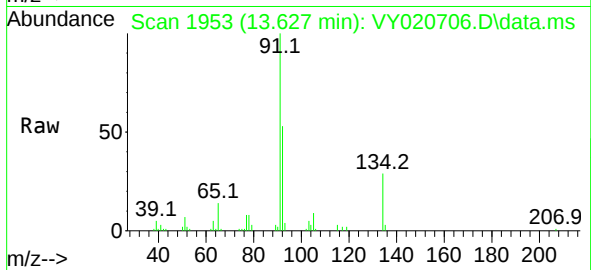




#89  
n-Butylbenzene  
Concen: 4.359 ug/l  
RT: 13.627 min Scan# 1953  
Delta R.T. 0.000 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

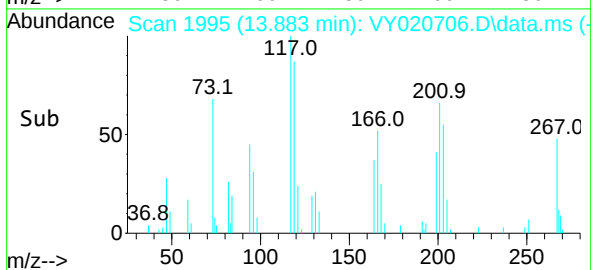
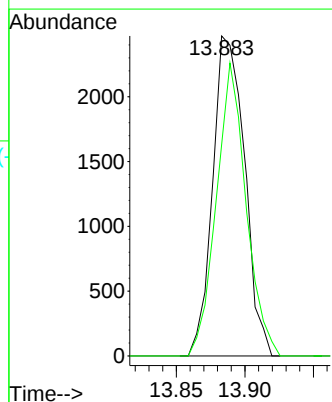
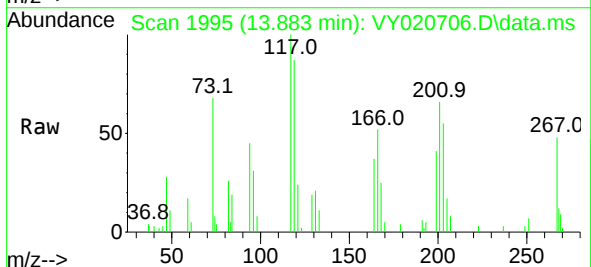
Instrument :  
MSVOA\_Y  
ClientSampleId :

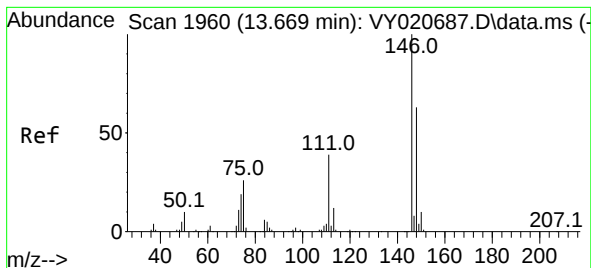
|             |                |
|-------------|----------------|
| Tgt Ion: 91 | Resp: 16045    |
| Ion Ratio   | Lower Upper    |
| 91          | 100            |
| 92          | 54.1 26.1 78.2 |
| 134         | 28.7 14.8 44.4 |



#90  
Hexachloroethane  
Concen: 4.760 ug/l  
RT: 13.883 min Scan# 1995  
Delta R.T. -0.006 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

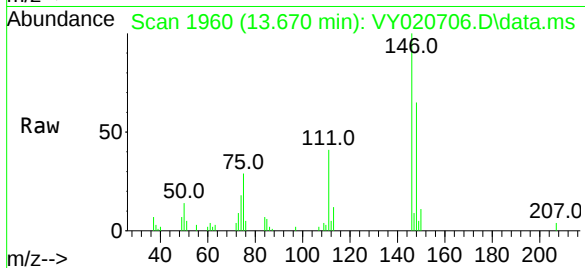
|              |                 |
|--------------|-----------------|
| Tgt Ion: 117 | Resp: 3991      |
| Ion Ratio    | Lower Upper     |
| 117          | 100             |
| 201          | 85.4 44.9 134.7 |



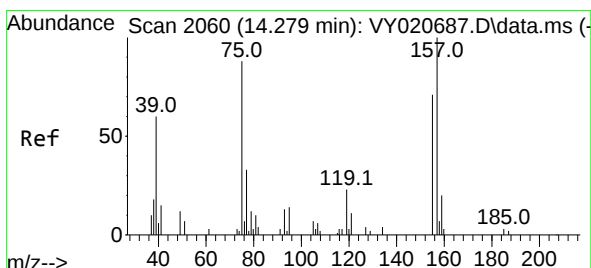
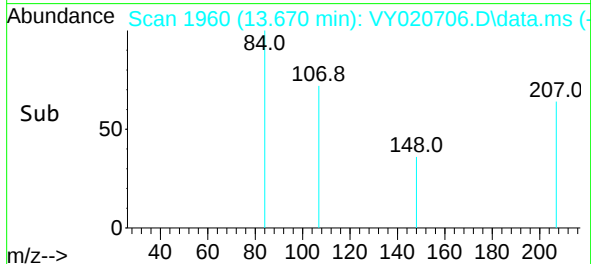
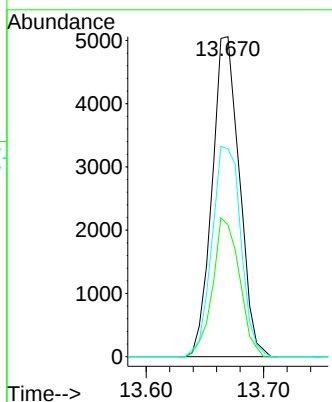


#91  
1,2-Dichlorobenzene  
Concen: 4.480 ug/l  
RT: 13.670 min Scan# 1960  
Delta R.T. 0.001 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

Instrument :  
MSVOA\_Y  
ClientSampleId :

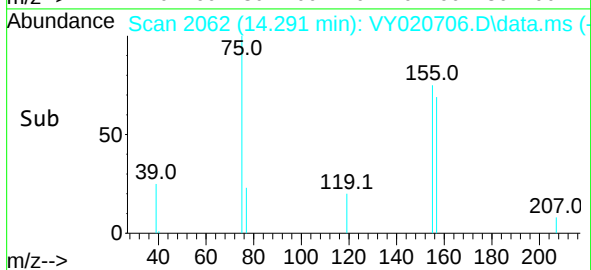
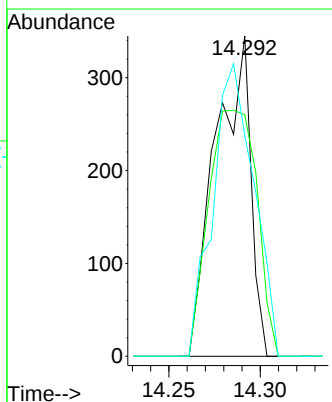
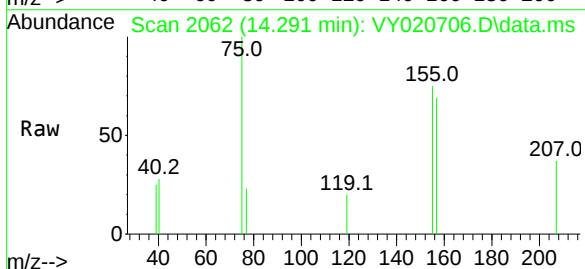


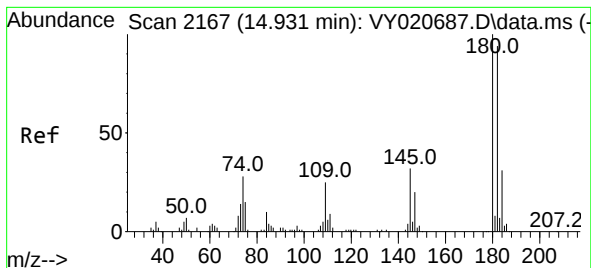
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.5  | 20.3  | 60.8  |
| 148     | 69.5  | 31.9  | 95.5  |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 3.921 ug/l  
RT: 14.291 min Scan# 2062  
Delta R.T. 0.012 min  
Lab File: VY020706.D  
Acq: 26 Dec 2024 09:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 105.7 | 43.4  | 130.2 |
| 157     | 107.0 | 58.6  | 175.7 |





#93

1,2,4-Trichlorobenzene

Concen: 3.920 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.001 min

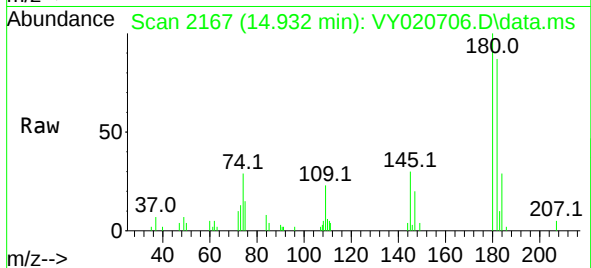
Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

Instrument :

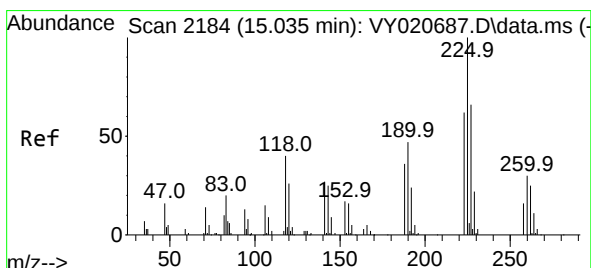
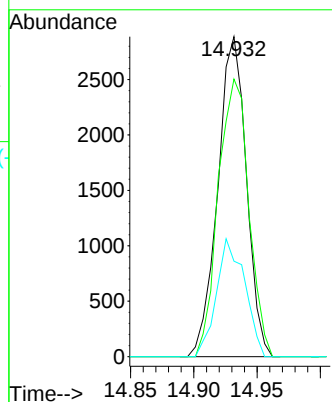
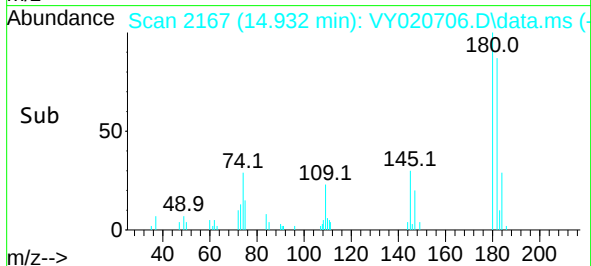
MSVOA\_Y

ClientSampleId :



Tgt Ion:180 Resp: 4536

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 92.5  | 47.9  | 143.7 |
| 145 | 36.4  | 15.6  | 46.8  |



#94

Hexachlorobutadiene

Concen: 4.345 ug/l

RT: 15.035 min Scan# 2184

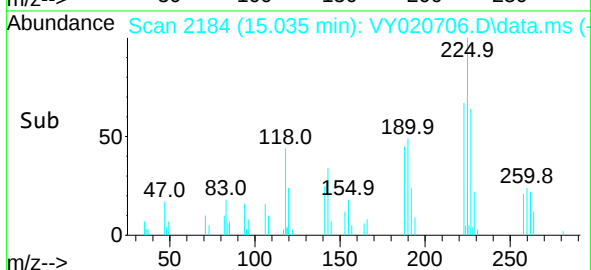
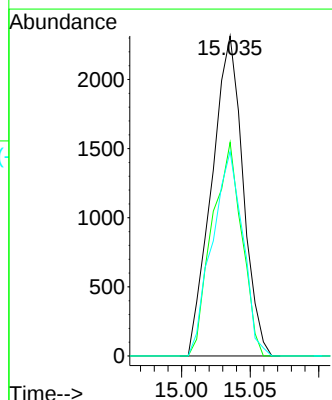
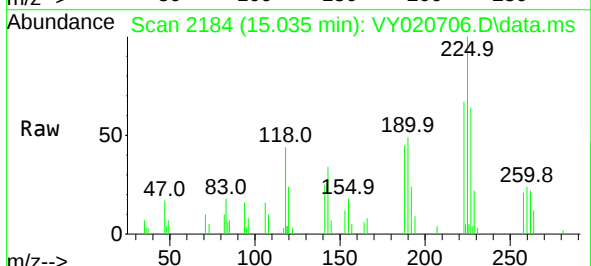
Delta R.T. 0.000 min

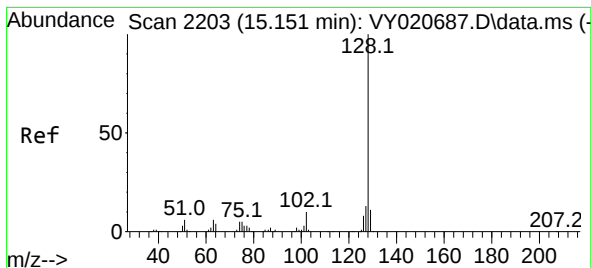
Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

Tgt Ion:225 Resp: 3664

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 63.9  | 31.3  | 93.8  |
| 227 | 63.0  | 32.1  | 96.5  |





#95

Naphthalene

Concen: 3.599 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.006 min

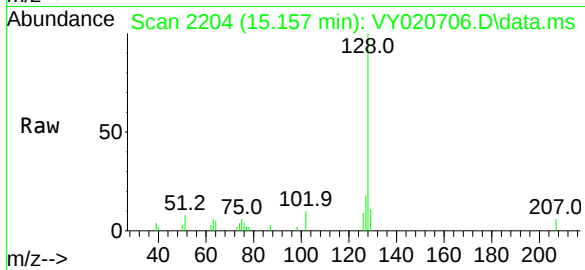
Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

Instrument :

MSVOA\_Y

ClientSampleId :



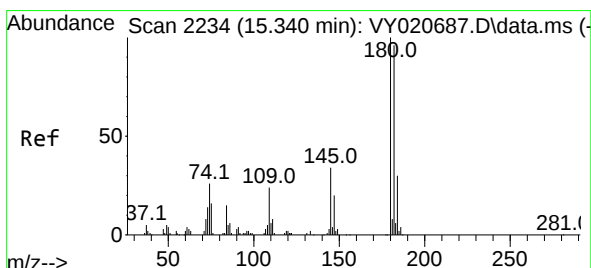
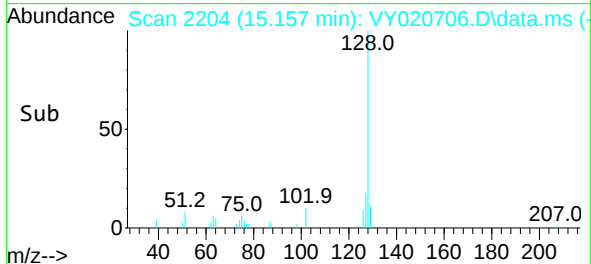
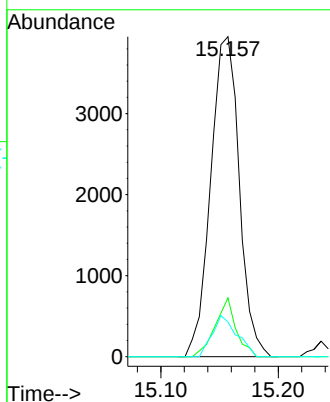
Tgt Ion:128 Resp: 6669

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 3.753 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020706.D

Acq: 26 Dec 2024 09:31

Tgt Ion:180 Resp: 3615

Ion Ratio Lower Upper

180 100

182 94.7 47.4 142.2

145 31.0 16.7 50.1

