

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY121620\  
 Data File : VY003797.D  
 Acq On : 16 Dec 2020 12:18  
 Operator : SY/MD  
 Sample : L5043-05MSD  
 Misc : 5.41G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Dec 17 02:50:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y121520S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 16 05:00:50 2020  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units     | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-----------|----------|
| -----                        |        |       |          |          |           |          |
| Internal Standards           |        |       |          |          |           |          |
| 1) Pentafluorobenzene        | 7.795  | 168   | 28758    | 50.00    | ug/l      | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697  | 114   | 44790    | 50.00    | ug/l      | 0.00     |
| 63) Chlorobenzene-d5         | 11.489 | 117   | 43484    | 50.00    | ug/l      | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.422 | 152   | 21665    | 50.00    | ug/l      | 0.00     |
| System Monitoring Compounds  |        |       |          |          |           |          |
| 33) 1,2-Dichloroethane-d4    | 8.149  | 65    | 18332    | 51.40    | ug/l      | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | = 102.80% |          |
| 35) Dibromofluoromethane     | 7.722  | 113   | 16972    | 52.38    | ug/l      | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | = 104.76% |          |
| 50) Toluene-d8               | 10.185 | 98    | 68750    | 53.60    | ug/l      | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | = 107.20% |          |
| 62) 4-Bromofluorobenzene     | 12.483 | 95    | 23348    | 52.98    | ug/l      | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | = 105.96% |          |
| Target Compounds             |        |       |          |          |           | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.906  | 85    | 14344    | 50.48    | ug/l      | 99       |
| 3) Chloromethane             | 2.119  | 50    | 18514    | 56.01    | ug/l      | 100      |
| 4) Vinyl Chloride            | 2.259  | 62    | 18688    | 55.09    | ug/l      | 98       |
| 5) Bromomethane              | 2.662  | 94    | 12099    | 50.09    | ug/l      | 96       |
| 6) Chloroethane              | 2.808  | 64    | 11615    | 53.97    | ug/l      | 100      |
| 7) Trichlorofluoromethane    | 3.137  | 101   | 27535    | 49.39    | ug/l      | 96       |
| 8) Diethyl Ether             | 3.540  | 74    | 10459    | 53.49    | ug/l      | 92       |
| 9) 1,1,2-Trichlorotrifluo... | 3.912  | 101   | 16978    | 51.84    | ug/l      | 96       |
| 10) Methyl Iodide            | 4.107  | 142   | 21926    | 54.29    | ug/l      | 99       |
| 11) Tert butyl alcohol       | 4.954  | 59    | 8894     | 248.36   | ug/l      | 97       |
| 12) 1,1-Dichloroethene       | 3.887  | 96    | 17373    | 53.67    | ug/l      | 98       |
| 13) Acrolein                 | 3.741  | 56    | 8426     | 238.72   | ug/l      | 98       |
| 14) Allyl chloride           | 4.497  | 41    | 25400    | 43.76    | ug/l      | 93       |
| 15) Acrylonitrile            | 5.180  | 53    | 28555    | 284.54   | ug/l      | 98       |
| 16) Acetone                  | 3.960  | 43    | 21798    | 265.72   | ug/l #    | 87       |
| 17) Carbon Disulfide         | 4.210  | 76    | 55024    | 52.98    | ug/l      | 99       |
| 18) Methyl Acetate           | 4.491  | 43    | 11426    | 48.89    | ug/l      | 97       |
| 19) Methyl tert-butyl Ether  | 5.228  | 73    | 46725    | 52.29    | ug/l      | 98       |
| 20) Methylene Chloride       | 4.728  | 84    | 21395    | 58.20    | ug/l      | 94       |
| 21) trans-1,2-Dichloroethene | 5.234  | 96    | 20009    | 54.39    | ug/l      | 97       |
| 22) Diisopropyl ether        | 6.131  | 45    | 56011    | 46.99    | ug/l #    | 92       |
| 23) Vinyl Acetate            | 6.076  | 43    | 187065   | 237.44   | ug/l      | 95       |
| 24) 1,1-Dichloroethane       | 6.033  | 63    | 31501    | 49.48    | ug/l      | 98       |
| 25) 2-Butanone               | 6.996  | 43    | 33213    | 250.48   | ug/l      | 95       |
| 26) 2,2-Dichloropropane      | 6.996  | 77    | 28314    | 49.17    | ug/l      | 99       |
| 27) cis-1,2-Dichloroethene   | 6.996  | 96    | 21791    | 53.45    | ug/l      | 93       |
| 28) Bromochloromethane       | 7.350  | 49    | 14742    | 50.13    | ug/l      | 92       |
| 29) Tetrahydrofuran          | 7.356  | 42    | 24777    | 270.73   | ug/l      | 97       |
| 30) Chloroform               | 7.515  | 83    | 33139    | 52.20    | ug/l      | 98       |
| 31) Cyclohexane              | 7.795  | 56    | 29389    | 45.97    | ug/l      | 88       |
| 32) 1,1,1-Trichloroethane    | 7.710  | 97    | 29107    | 51.59    | ug/l      | 98       |
| 36) 1,1-Dichloropropene      | 7.929  | 75    | 25490    | 50.62    | ug/l      | 98       |
| 37) Ethyl Acetate            | 7.088  | 43    | 15838    | 52.00    | ug/l      | 98       |
| 38) Carbon Tetrachloride     | 7.911  | 117   | 26232    | 52.16    | ug/l      | 98       |
| 39) Methylcyclohexane        | 9.191  | 83    | 30627    | 48.51    | ug/l      | 98       |
| 40) Benzene                  | 8.167  | 78    | 76939    | 53.28    | ug/l      | 98       |

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 Sample : L5043-05MSD  
 Misc : 5.41G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Dec 17 02:50:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y121520S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 16 05:00:50 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.350  | 41   | 21164    | 137.64  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 21998    | 51.28   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.283  | 43   | 28702    | 50.18   | ug/l   | 98       |
| 44) Trichloroethene           | 8.947  | 130  | 24419    | 58.92   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 19392    | 52.29   | ug/l   | 100      |
| 46) Dibromomethane            | 9.307  | 93   | 11041    | 54.75   | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.502  | 83   | 25149    | 51.70   | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.295  | 41   | 12905    | 49.30   | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 3637     | 1330.93 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 75904    | 255.85  | ug/l   | 98       |
| 52) Toluene                   | 10.246 | 92   | 48167    | 52.96   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 26701    | 51.12   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 31793    | 52.73   | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 16355    | 56.57   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 19903    | 50.86   | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 28159    | 56.28   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 49884    | 252.84  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.831 | 43   | 52108    | 258.46  | ug/l   | 97       |
| 60) Dibromochloromethane      | 10.990 | 129  | 18668    | 53.43   | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 15528    | 55.12   | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.721 | 164  | 30640    | 65.40   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.514 | 112  | 52094    | 50.41   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 18426    | 49.01   | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.593 | 91   | 89645    | 48.48   | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.703 | 106  | 69033    | 98.72   | ug/l   | 97       |
| 69) o-Xylene                  | 12.032 | 106  | 32443    | 49.45   | ug/l   | 98       |
| 70) Styrene                   | 12.044 | 104  | 54259    | 49.17   | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 11323    | 48.60   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.331 | 105  | 86426    | 49.68   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.142 | 43   | 23435    | 44.94   | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 11632    | 36.50   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 23979    | 93.43   | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 22493    | 53.13   | ug/l   | 95       |
| 78) n-propylbenzene           | 12.672 | 91   | 101841   | 48.60   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 58114    | 50.25   | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 69104    | 48.39   | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.373 | 75   | 6468     | 47.72   | ug/l # | 92       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 60703    | 49.54   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.074 | 119  | 60467    | 49.15   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 70282    | 49.03   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 87646    | 49.94   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 78135    | 49.59   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 41578    | 51.73   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 41214    | 51.02   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.696 | 91   | 72037    | 47.65   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.958 | 117  | 11881    | 40.95   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 36854    | 50.40   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 2294     | 39.45   | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 20339    | 41.91   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 12502    | 46.16   | ug/l   | 98       |
| 95) Naphthalene               | 15.233 | 128  | 32898    | 34.60   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 15592    | 37.02   | ug/l   | 99       |

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Sample : L5043-05MSD  
Misc : 5.41G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

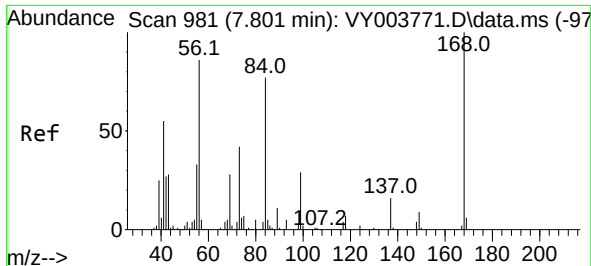
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y121520S.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 16 05:00:50 2020  
Response via : Initial Calibration

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

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

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Quant Title : SW846 8260  
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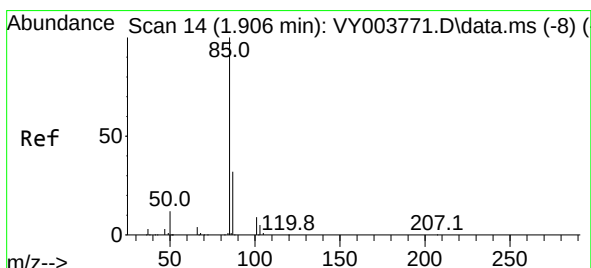
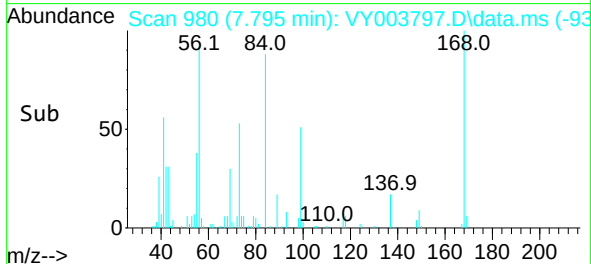
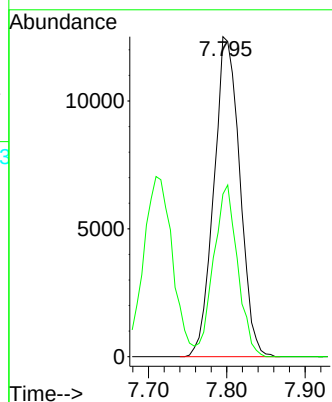
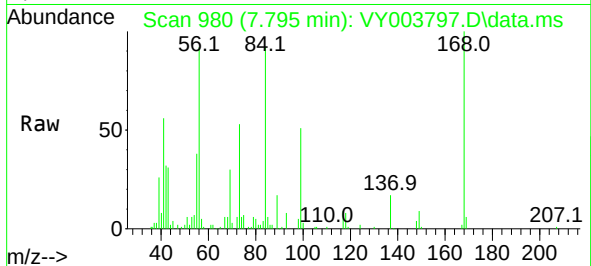




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

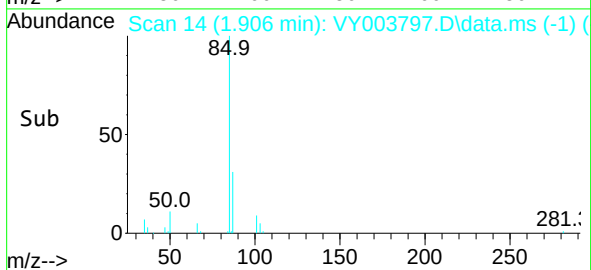
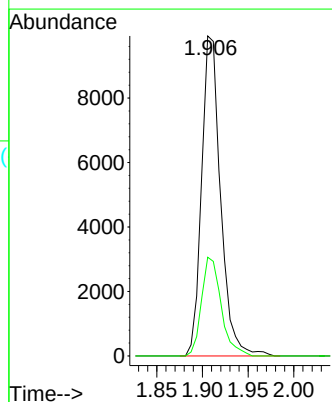
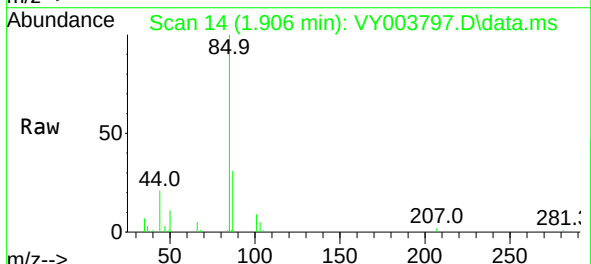
Instrument :  
MSVOA\_Y  
ClientSampled :

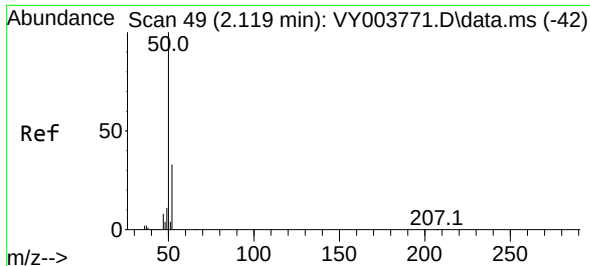
Tgt Ion:168 Resp: 28758  
Ion Ratio Lower Upper  
168 100  
99 50.8 41.9 62.9



#2  
Dichlorodifluoromethane  
Concen: 50.48 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion: 85 Resp: 14344  
Ion Ratio Lower Upper  
85 100  
87 30.8 15.8 47.4

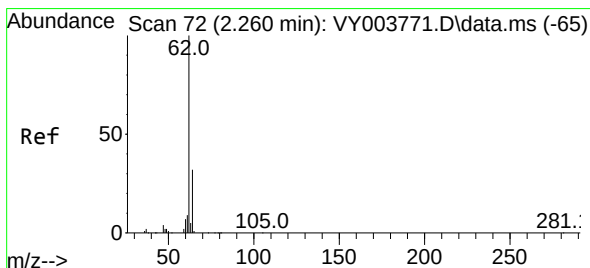
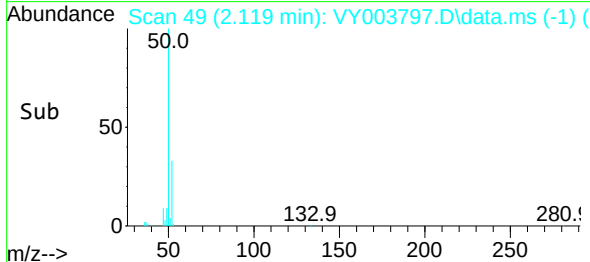
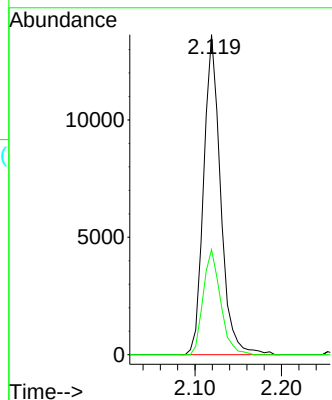
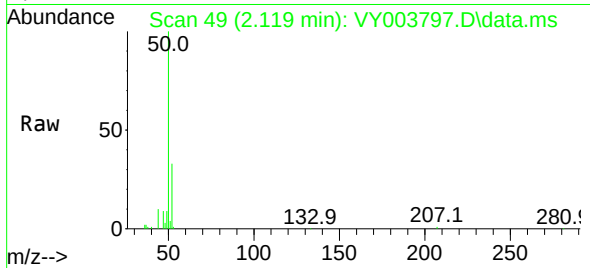




#3  
Chloromethane  
Concen: 56.01 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

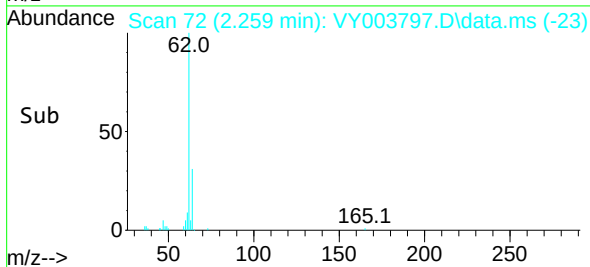
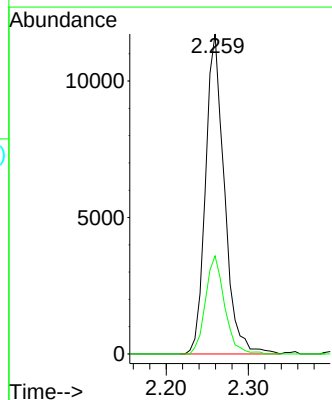
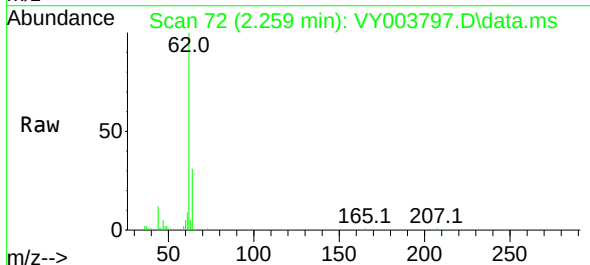
Instrument :  
MSVOA\_Y  
ClientSampled :

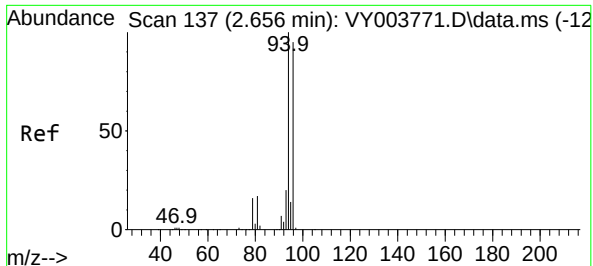
Tgt Ion: 50 Resp: 18514  
Ion Ratio Lower Upper  
50 100  
52 32.8 26.2 39.4



#4  
Vinyl Chloride  
Concen: 55.09 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion: 62 Resp: 18688  
Ion Ratio Lower Upper  
62 100  
64 30.6 25.2 37.8

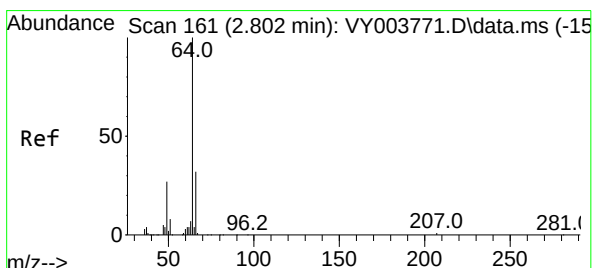
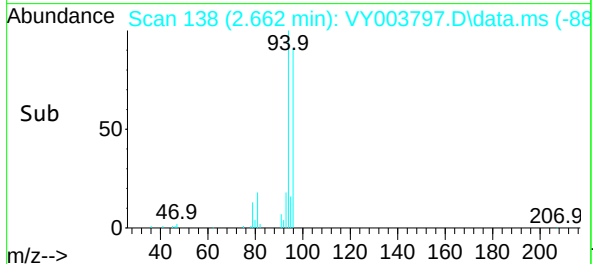
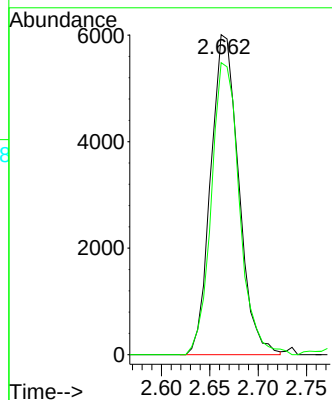
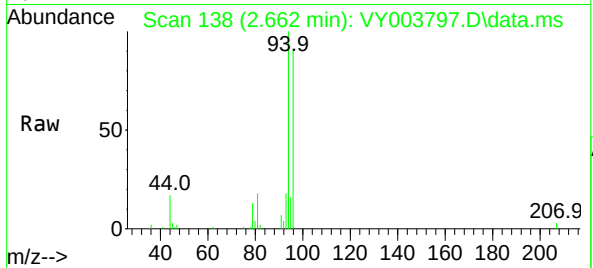




#5  
Bromomethane  
Concen: 50.09 ug/l  
RT: 2.662 min Scan# 138  
Delta R.T. 0.006 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

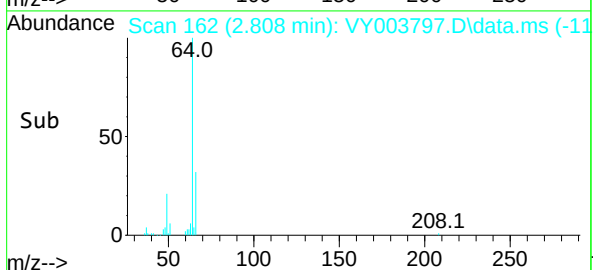
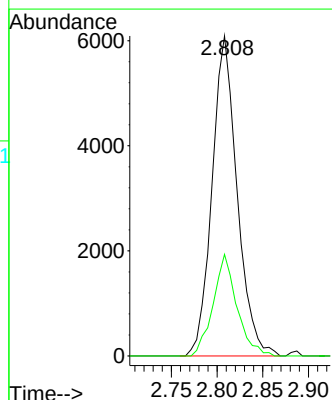
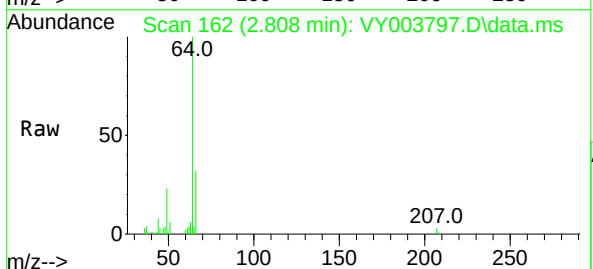
Instrument :  
MSVOA\_Y  
ClientSampleId :

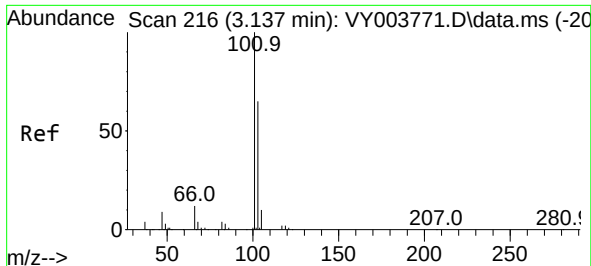
Tgt Ion: 94 Resp: 12099  
Ion Ratio Lower Upper  
94 100  
96 91.3 75.9 113.9



#6  
Chloroethane  
Concen: 53.97 ug/l  
RT: 2.808 min Scan# 162  
Delta R.T. 0.006 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion: 64 Resp: 11615  
Ion Ratio Lower Upper  
64 100  
66 31.7 25.4 38.2

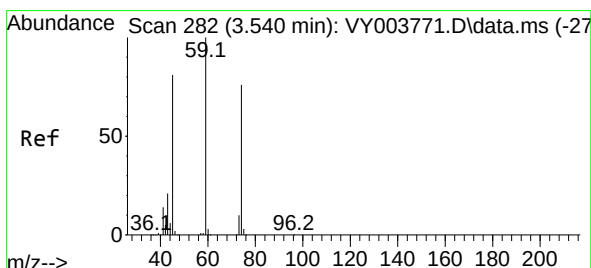
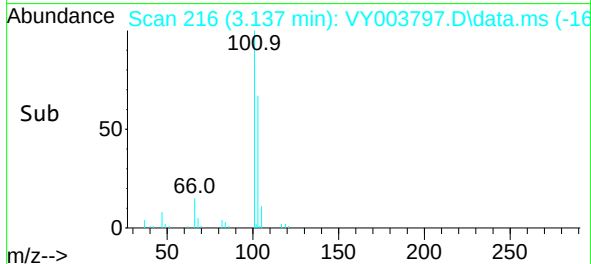
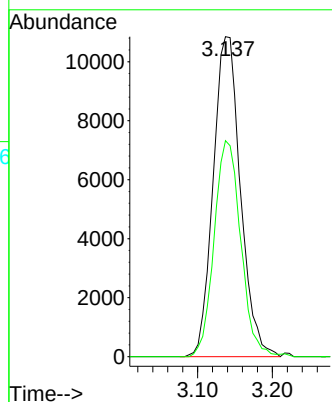
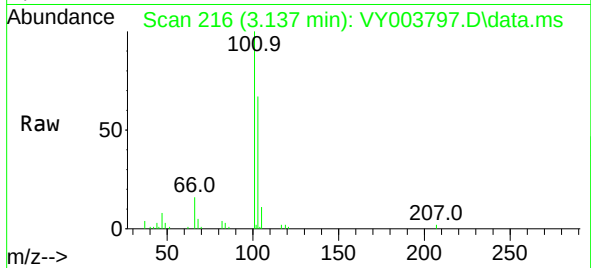




#7  
Trichlorofluoromethane  
Concen: 49.39 ug/l  
RT: 3.137 min Scan# 216  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

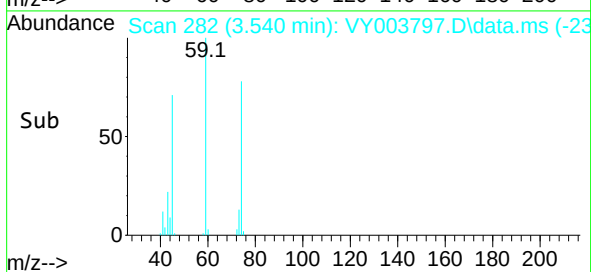
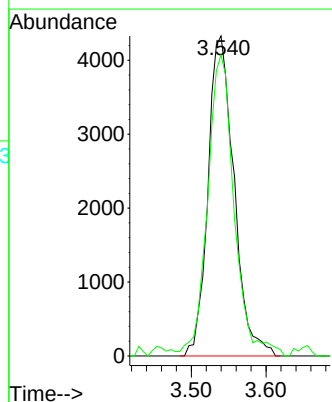
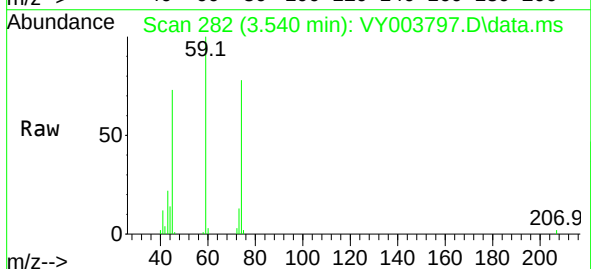
Instrument :  
MSVOA\_Y  
ClientSampled :

Tgt Ion:101 Resp: 27535  
Ion Ratio Lower Upper  
101 100  
103 67.5 51.6 77.4

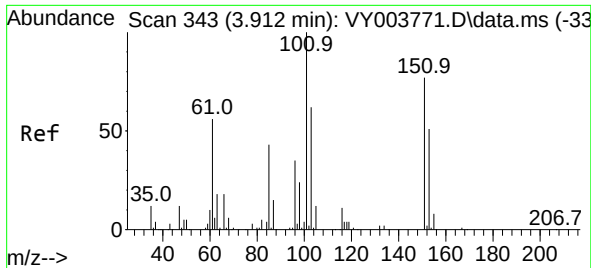


#8  
Diethyl Ether  
Concen: 53.49 ug/l  
RT: 3.540 min Scan# 282  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion: 74 Resp: 10459  
Ion Ratio Lower Upper  
74 100  
45 96.1 52.3 156.9



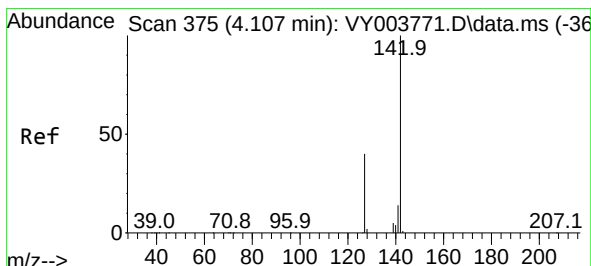
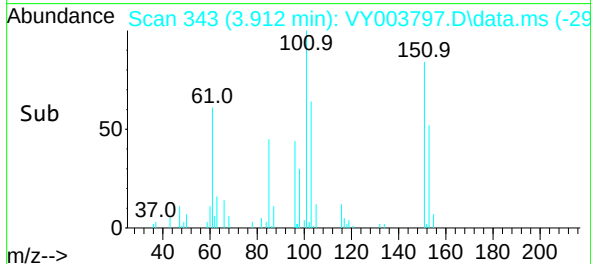
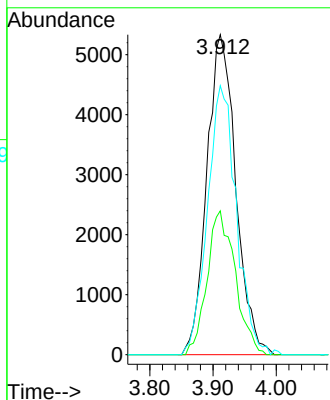
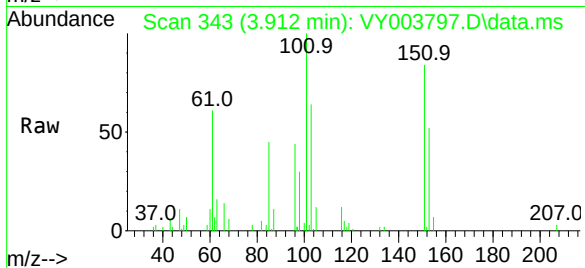




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.84 ug/l  
RT: 3.912 min Scan# 343  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

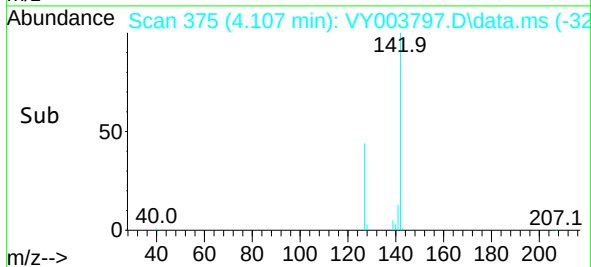
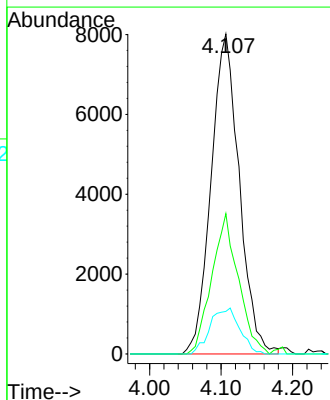
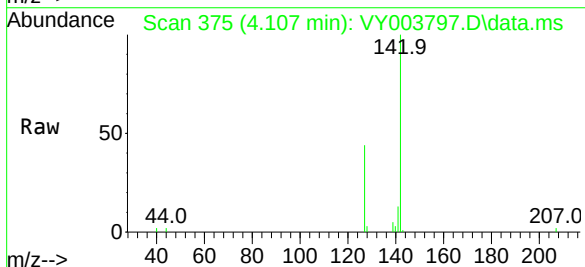
Instrument :  
MSVOA\_Y  
ClientSampleId :

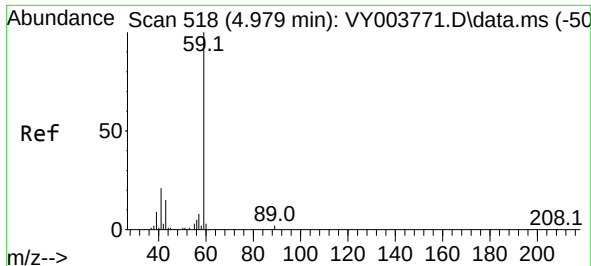
Tgt Ion:101 Resp: 16978  
Ion Ratio Lower Upper  
101 100  
85 43.7 35.0 52.4  
151 84.2 63.0 94.4



#10  
Methyl Iodide  
Concen: 54.29 ug/l  
RT: 4.107 min Scan# 375  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

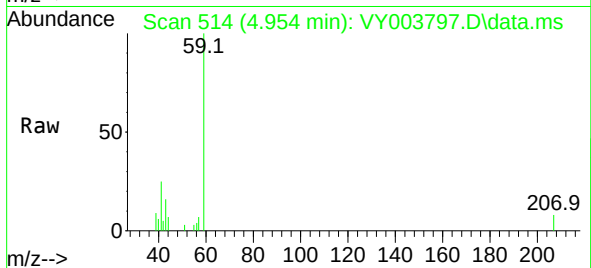
Tgt Ion:142 Resp: 21926  
Ion Ratio Lower Upper  
142 100  
127 41.5 33.7 50.5  
141 15.1 11.4 17.2



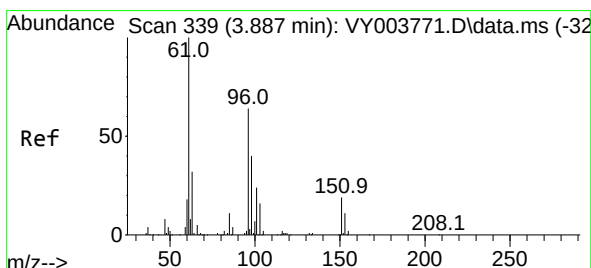
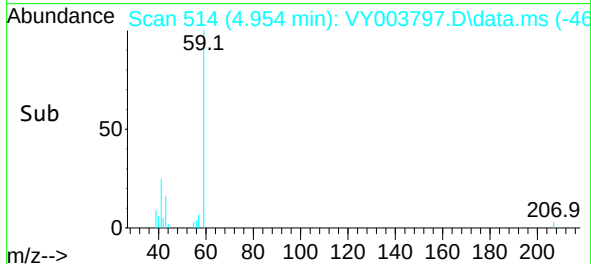
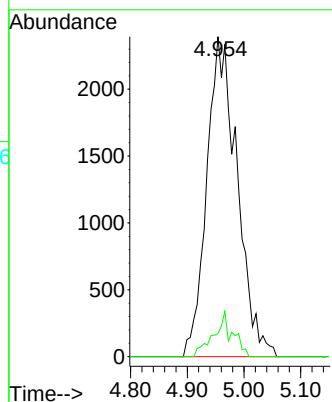


#11  
Tert butyl alcohol  
Concen: 248.36 ug/l  
RT: 4.954 min Scan# 514  
Delta R.T. -0.025 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Instrument :  
MSVOA\_Y  
ClientSampled :

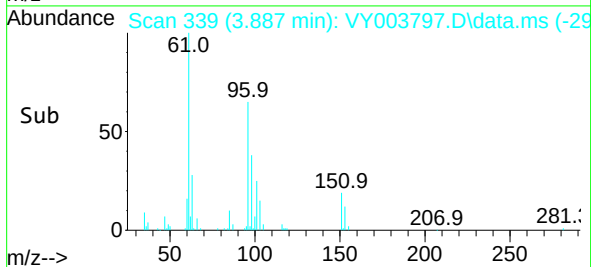
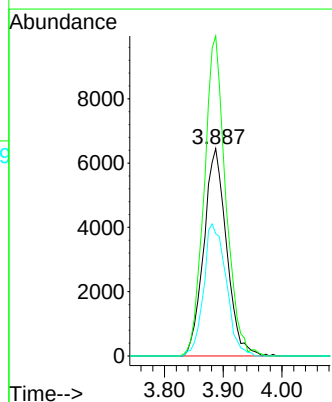
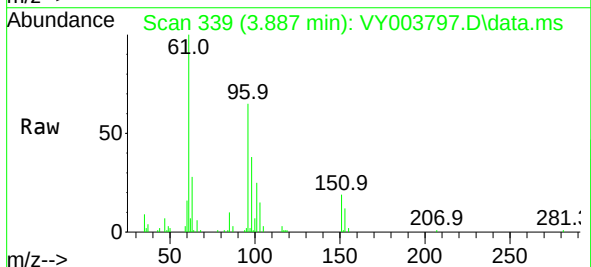


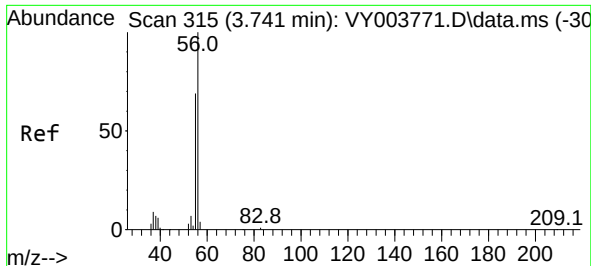
Tgt Ion: 59 Resp: 8894  
Ion Ratio Lower Upper  
59 100  
57 8.7 8.0 12.0



#12  
1,1-Dichloroethene  
Concen: 53.67 ug/l  
RT: 3.887 min Scan# 339  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion: 96 Resp: 17373  
Ion Ratio Lower Upper  
96 100  
61 154.3 124.1 186.1  
98 58.9 50.2 75.4

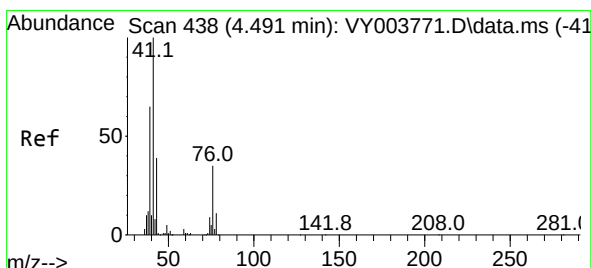
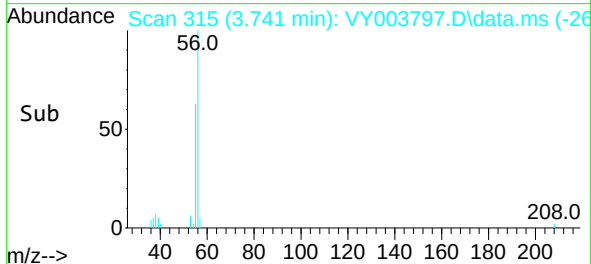
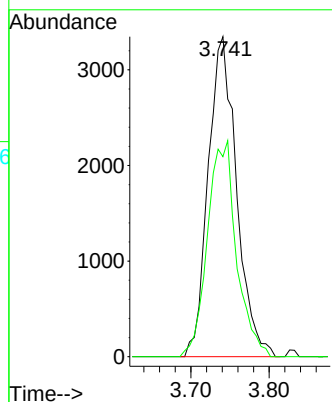
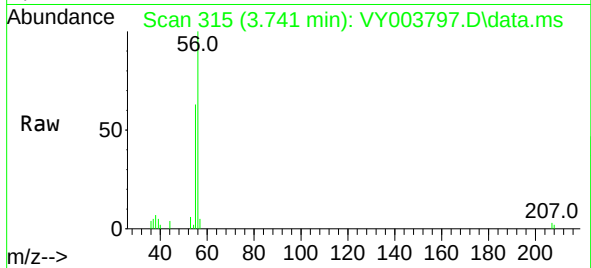




#13  
Acrolein  
Concen: 238.72 ug/l  
RT: 3.741 min Scan# 315  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

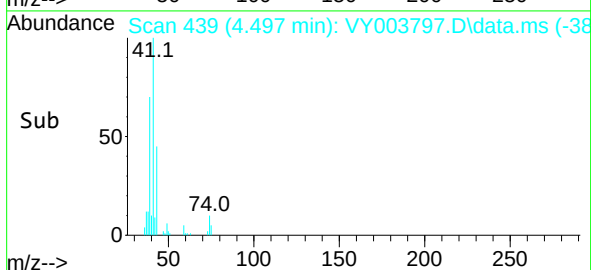
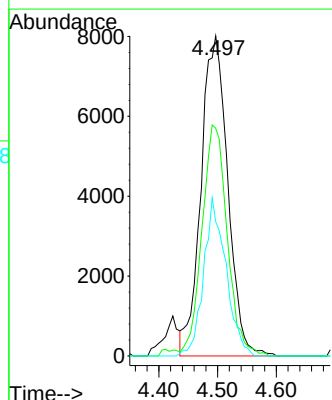
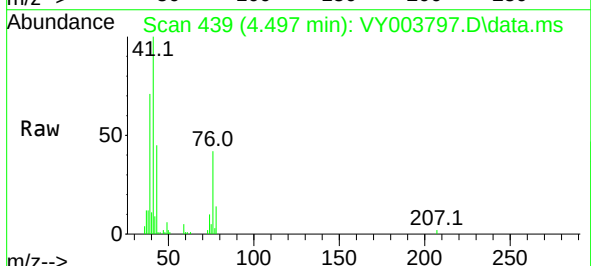
Instrument :  
MSVOA\_Y  
ClientSampled :

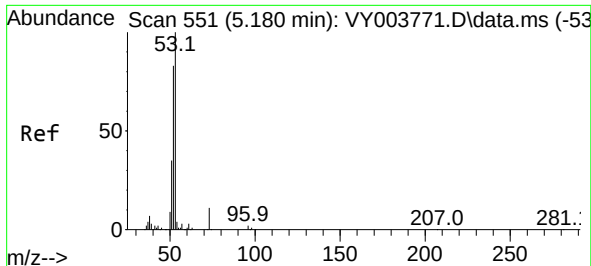
Tgt Ion: 56 Resp: 8426  
Ion Ratio Lower Upper  
56 100  
55 68.8 56.2 84.4



#14  
Allyl chloride  
Concen: 43.76 ug/l  
RT: 4.497 min Scan# 439  
Delta R.T. 0.006 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

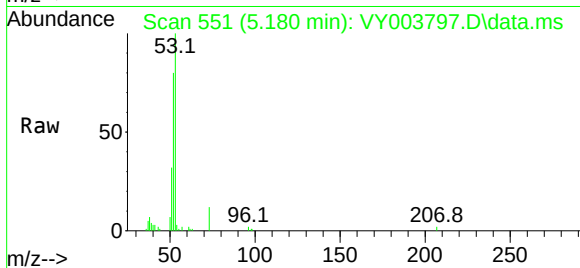
Tgt Ion: 41 Resp: 25400  
Ion Ratio Lower Upper  
41 100  
39 67.9 51.8 77.6  
76 41.2 27.8 41.6



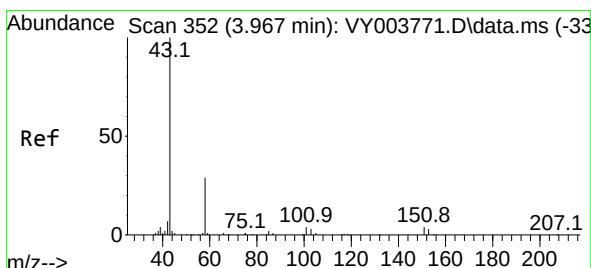
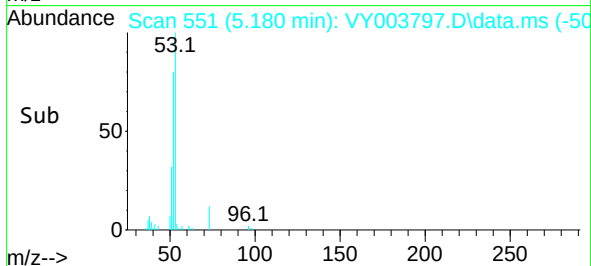
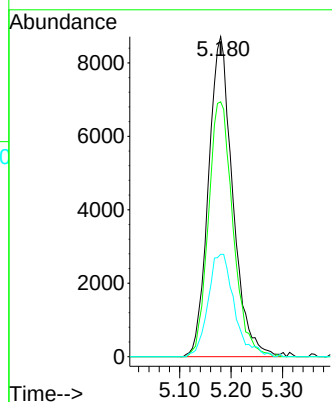


#15  
Acrylonitrile  
Concen: 284.54 ug/l  
RT: 5.180 min Scan# 551  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Instrument :  
MSVOA\_Y  
ClientSampled :

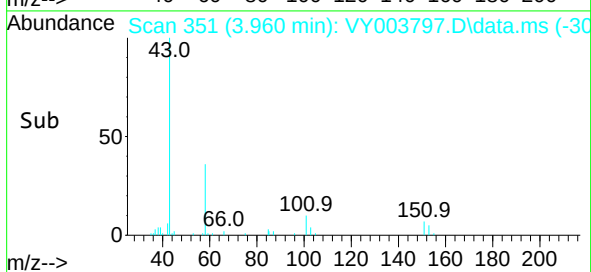
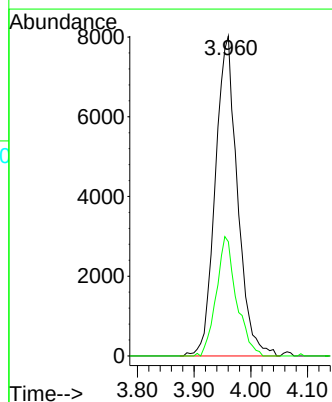
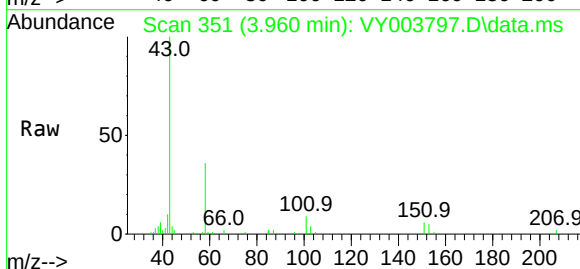


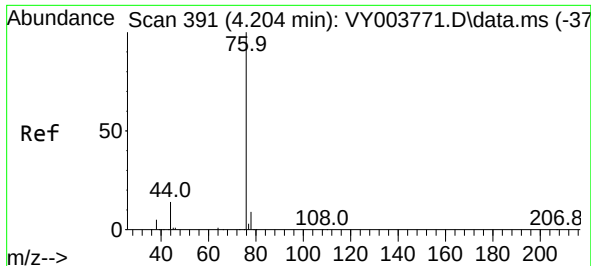
| Tgt Ion: | 53    | Resp: | 28555 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 80.6  | 66.0  | 99.0  |
| 51       | 34.7  | 29.0  | 43.6  |



#16  
Acetone  
Concen: 265.72 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. -0.006 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

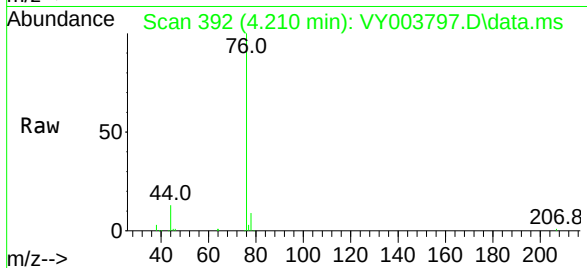
| Tgt Ion: | 43    | Resp: | 21798 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 35.7  | 22.9  | 34.3# |



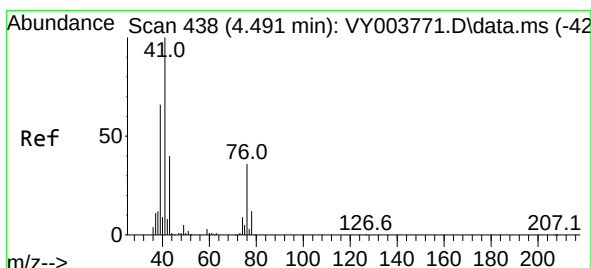
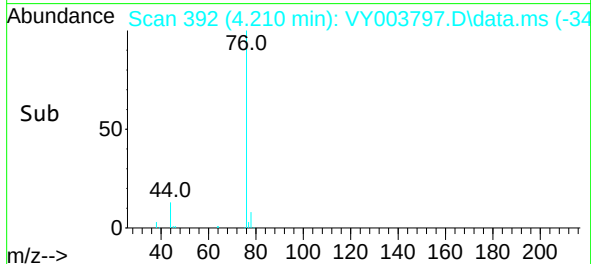
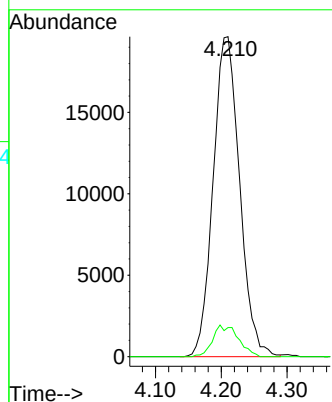


#17  
Carbon Disulfide  
Concen: 52.98 ug/l  
RT: 4.210 min Scan# 392  
Delta R.T. 0.006 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Instrument :  
MSVOA\_Y  
ClientSampled :

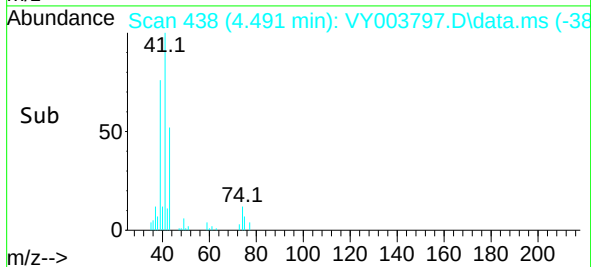
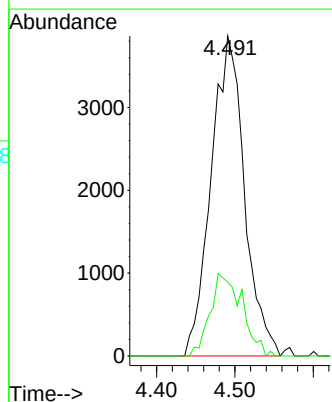
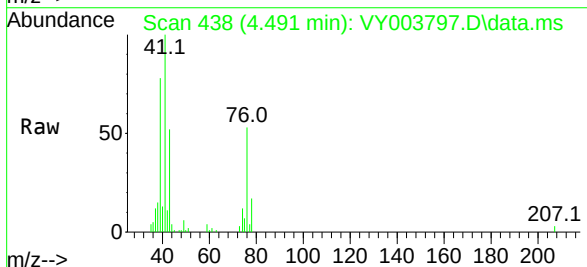


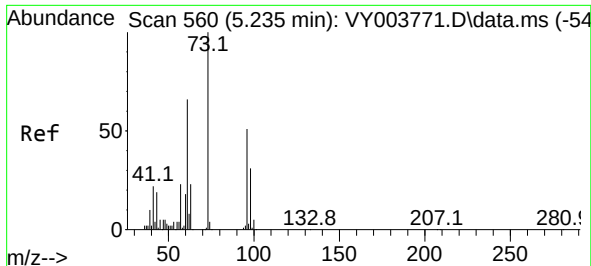
Tgt Ion: 76 Resp: 55024  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.0 10.4



#18  
Methyl Acetate  
Concen: 48.89 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion: 43 Resp: 11426  
Ion Ratio Lower Upper  
43 100  
74 24.6 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 52.29 ug/l

RT: 5.228 min Scan# 559

Delta R.T. -0.006 min

Lab File: VY003797.D

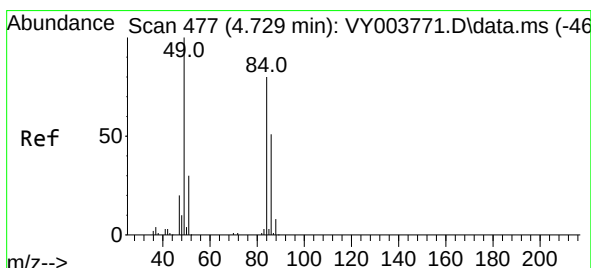
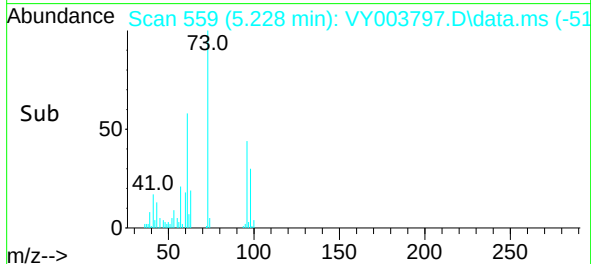
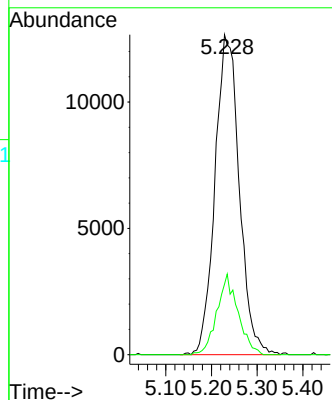
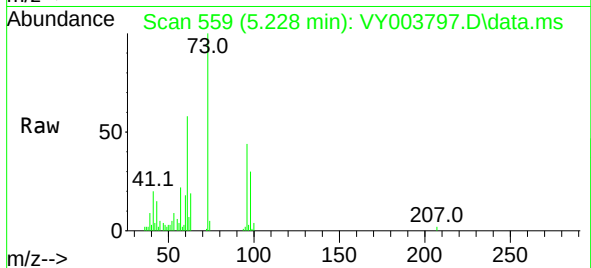
Acq: 16 Dec 2020 12:18

Tgt Ion: 73 Resp: 46725

Ion Ratio Lower Upper

73 100

57 22.0 18.2 27.4



#20

Methylene Chloride

Concen: 58.20 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.001 min

Lab File: VY003797.D

Acq: 16 Dec 2020 12:18

Tgt Ion: 84 Resp: 21395

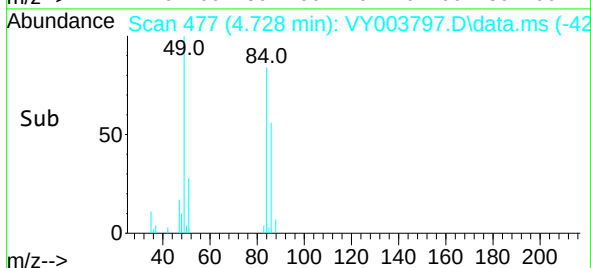
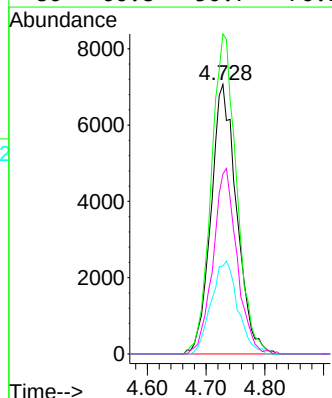
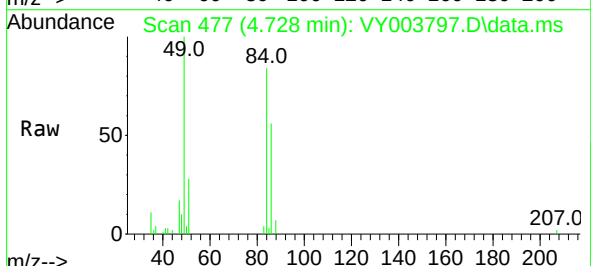
Ion Ratio Lower Upper

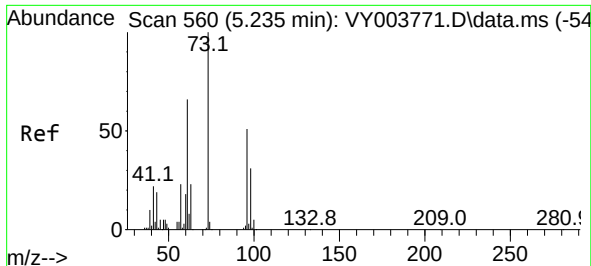
84 100

49 118.8 100.4 150.6

51 32.7 30.3 45.5

86 66.8 50.7 76.1

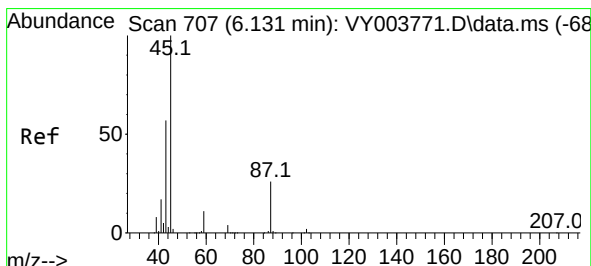
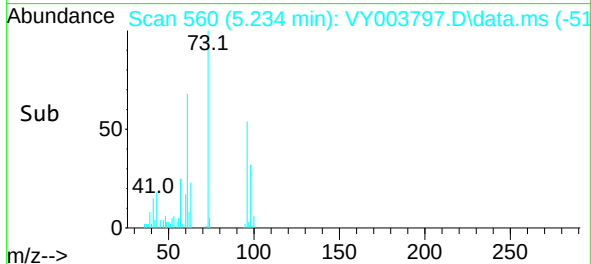
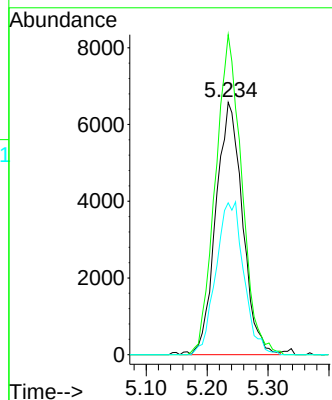
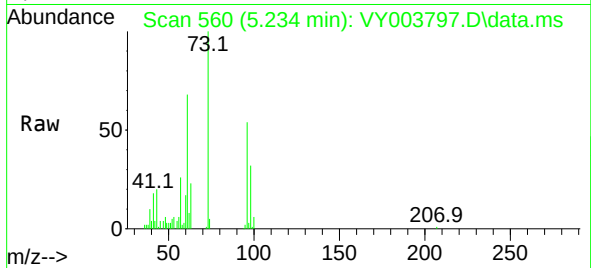




#21  
trans-1,2-Dichloroethene  
Concen: 54.39 ug/l  
RT: 5.234 min Scan# 560  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

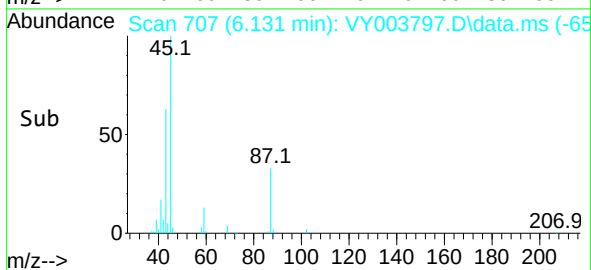
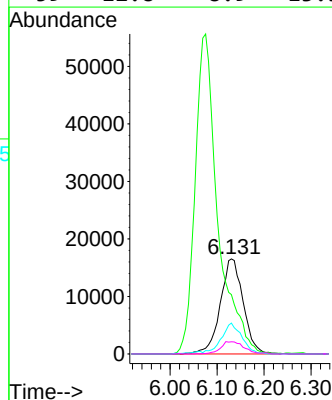
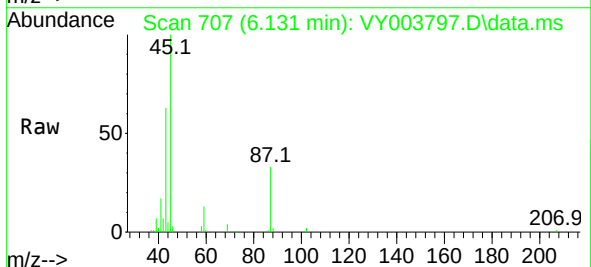
Instrument :  
MSVOA\_Y  
ClientSampleId :

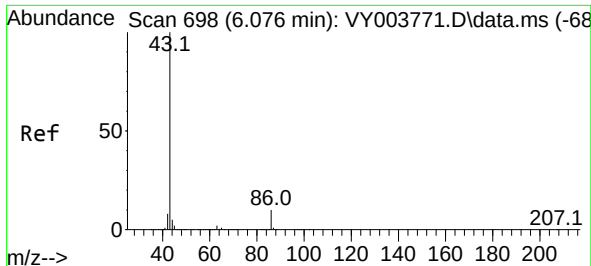
Tgt Ion: 96 Resp: 20009  
Ion Ratio Lower Upper  
96 100  
61 126.8 104.6 156.8  
98 60.2 49.5 74.3



#22  
Diisopropyl ether  
Concen: 46.99 ug/l  
RT: 6.131 min Scan# 707  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion: 45 Resp: 56011  
Ion Ratio Lower Upper  
45 100  
43 61.7 45.8 68.8  
87 32.5 20.9 31.3#  
59 12.8 8.9 13.3

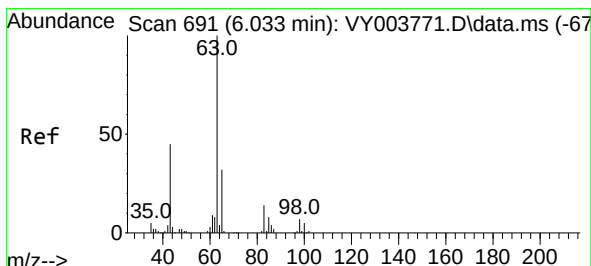
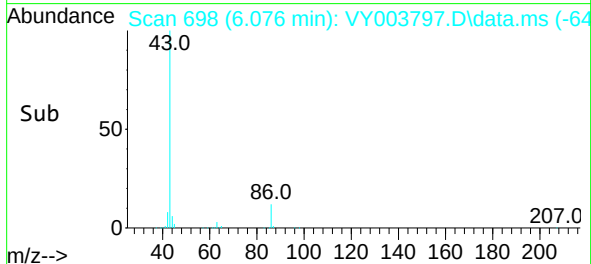
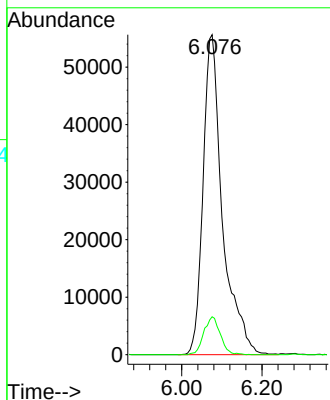
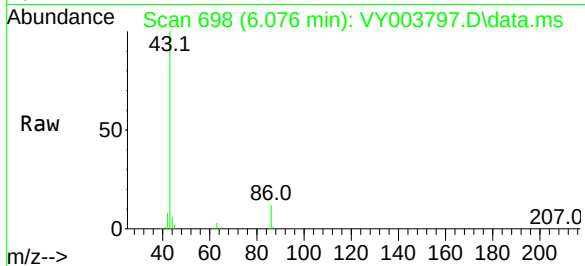




#23  
 Vinyl Acetate  
 Concen: 237.44 ug/l  
 RT: 6.076 min Scan# 698  
 Delta R.T. -0.000 min  
 Lab File: VY003797.D  
 Acq: 16 Dec 2020 12:18

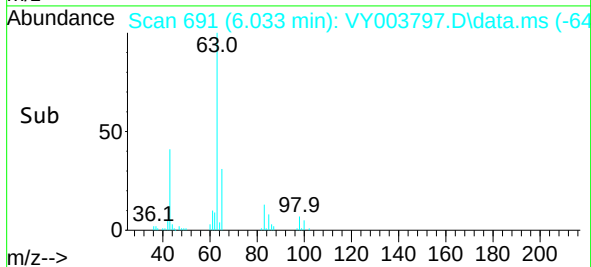
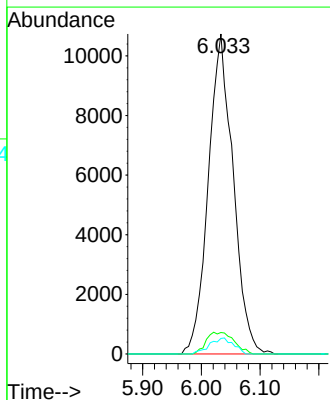
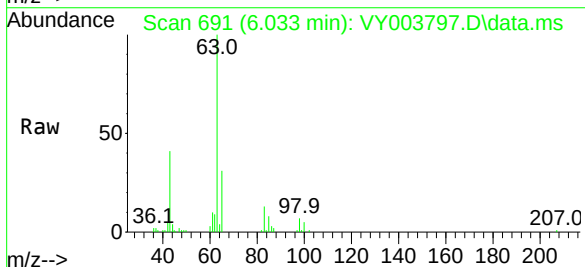
Instrument :  
 MSVOA\_Y  
 ClientSampled :

Tgt Ion: 43 Resp: 187065  
 Ion Ratio Lower Upper  
 43 100  
 86 11.8 8.0 12.0

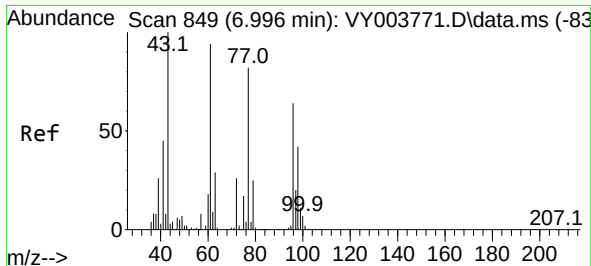


#24  
 1,1-Dichloroethane  
 Concen: 49.48 ug/l  
 RT: 6.033 min Scan# 691  
 Delta R.T. -0.000 min  
 Lab File: VY003797.D  
 Acq: 16 Dec 2020 12:18

Tgt Ion: 63 Resp: 31501  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.8 11.2  
 100 4.9 2.6 8.0



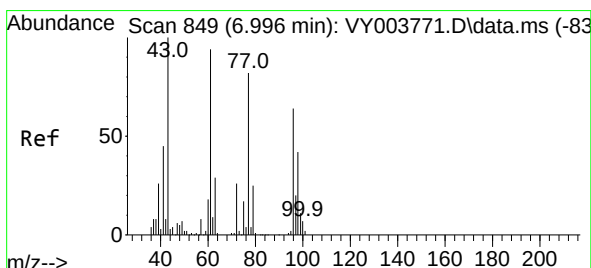
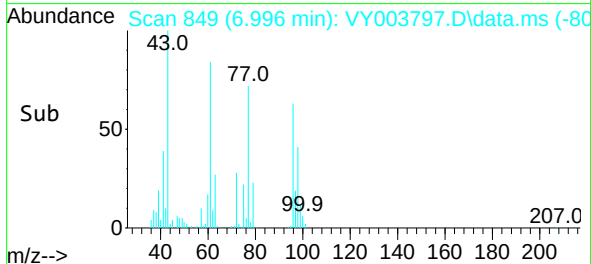
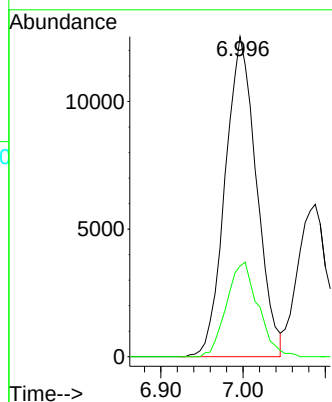
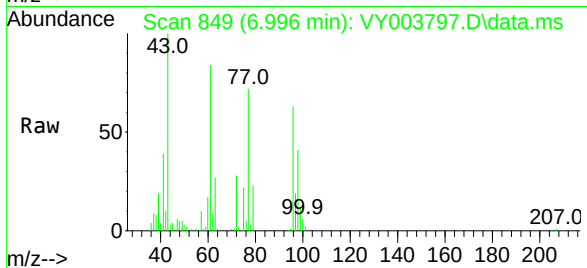




#25  
2-Butanone  
Concen: 250.48 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

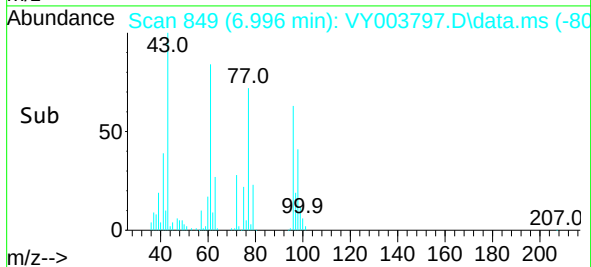
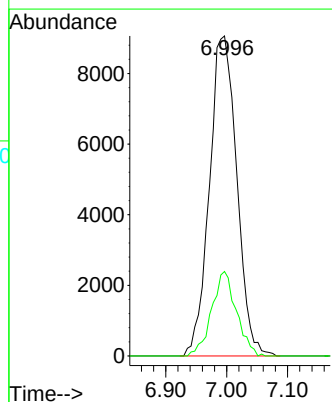
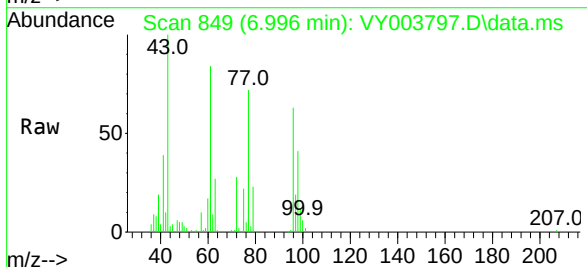
Instrument :  
MSVOA\_Y  
ClientSampled :

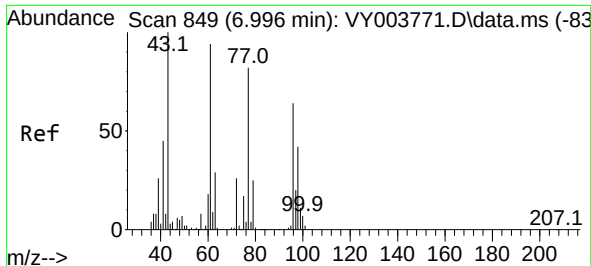
Tgt Ion: 43 Resp: 33213  
Ion Ratio Lower Upper  
43 100  
72 28.3 20.5 30.7



#26  
2,2-Dichloropropane  
Concen: 49.17 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion: 77 Resp: 28314  
Ion Ratio Lower Upper  
77 100  
97 23.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 53.45 ug/l

RT: 6.996 min Scan# 849

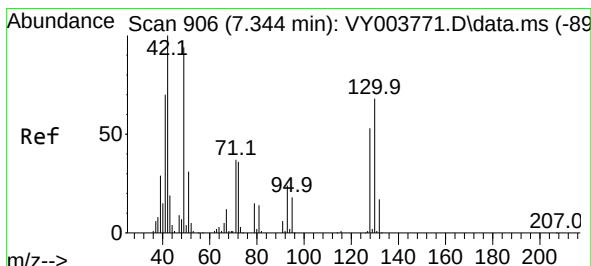
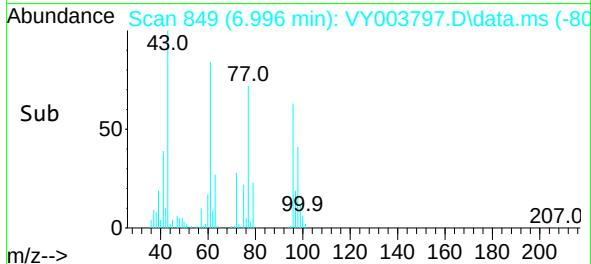
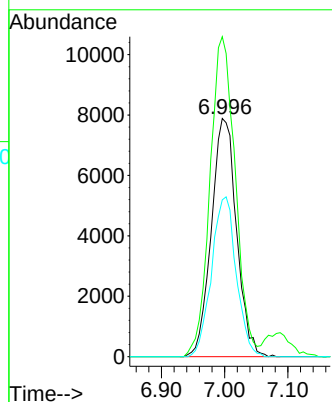
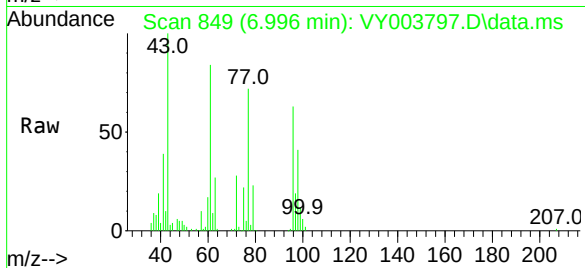
Delta R.T. -0.000 min

Lab File: VY003797.D

Acq: 16 Dec 2020 12:18

Instrument :  
MSVOA\_Y  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 21791 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 134.6 | 0.0   | 291.0 |
| 98       | 65.8  | 0.0   | 127.6 |



#28

Bromochloromethane

Concen: 50.13 ug/l

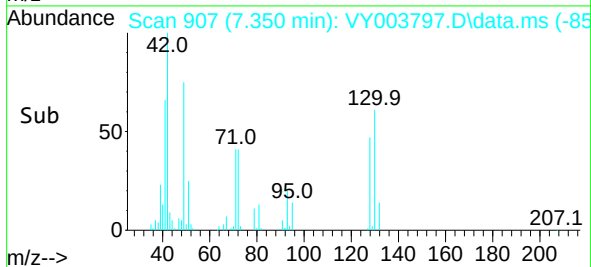
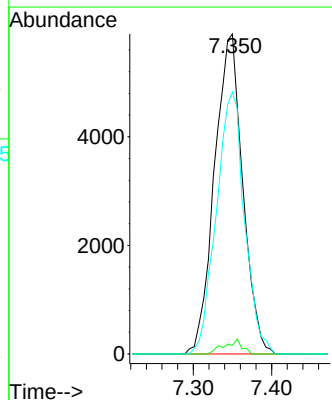
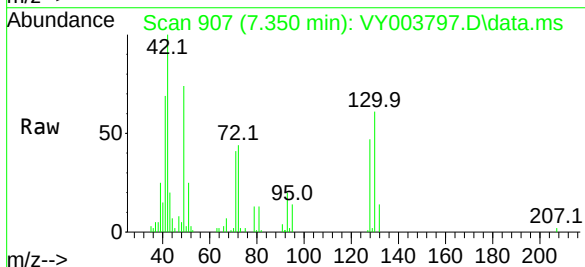
RT: 7.350 min Scan# 907

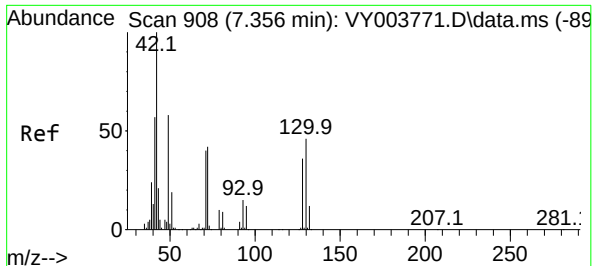
Delta R.T. 0.006 min

Lab File: VY003797.D

Acq: 16 Dec 2020 12:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 14742 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 2.8   | 0.0   | 4.6   |
| 130      | 81.9  | 59.9  | 89.9  |





#29

Tetrahydrofuran

Concen: 270.73 ug/l

RT: 7.356 min Scan# 908

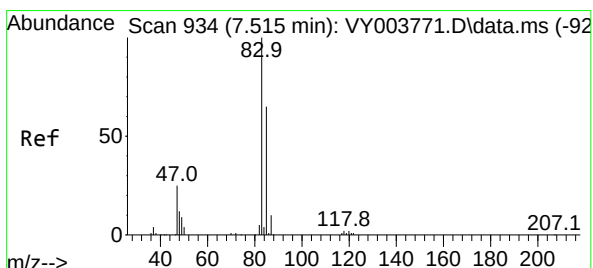
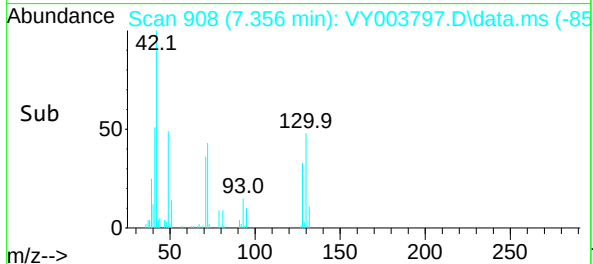
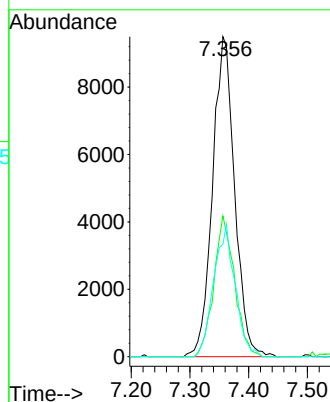
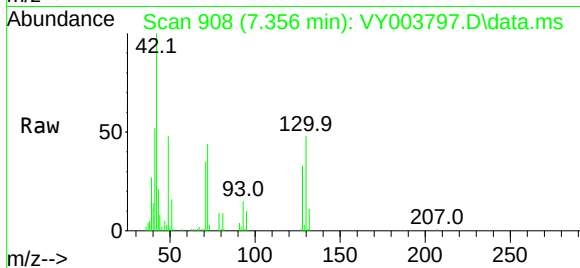
Delta R.T. -0.000 min

Lab File: VY003797.D

Acq: 16 Dec 2020 12:18

Tgt Ion: 42 Resp: 24777

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 41.3  | 31.7  | 47.5  |
| 71  | 40.0  | 30.4  | 45.6  |



#30

Chloroform

Concen: 52.20 ug/l

RT: 7.515 min Scan# 934

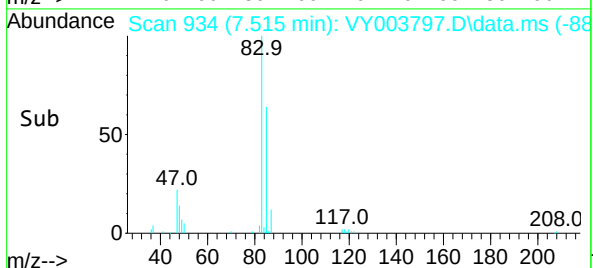
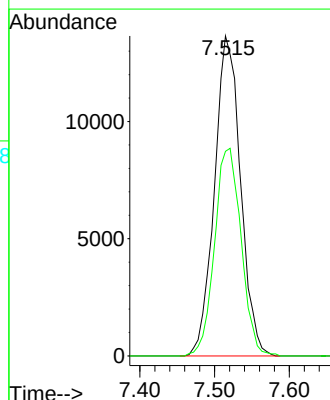
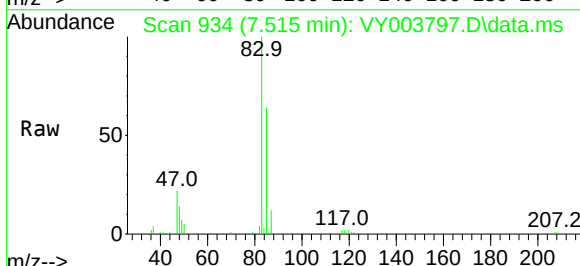
Delta R.T. -0.000 min

Lab File: VY003797.D

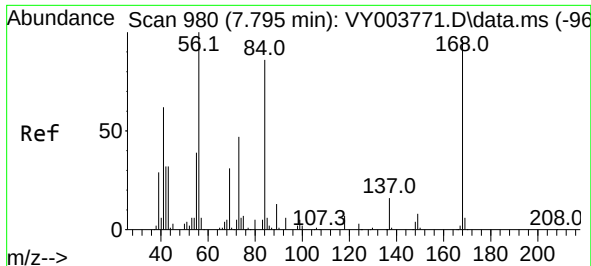
Acq: 16 Dec 2020 12:18

Tgt Ion: 83 Resp: 33139

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 63.9  | 52.3  | 78.5  |



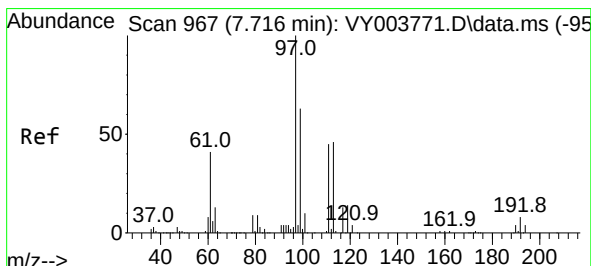
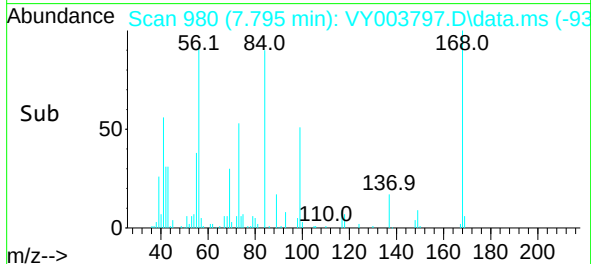
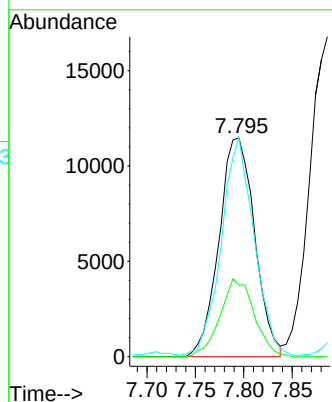
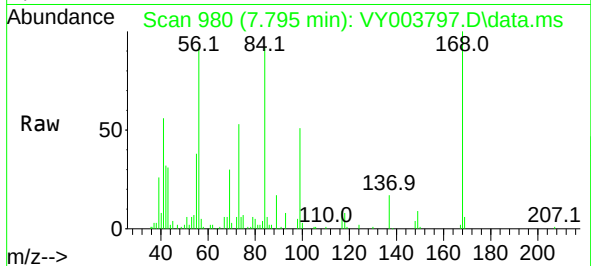
Instrument :  
MSVOA\_Y  
ClientSampled :



#31  
Cyclohexane  
Concen: 45.97 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

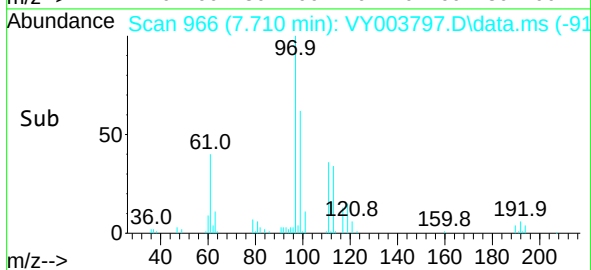
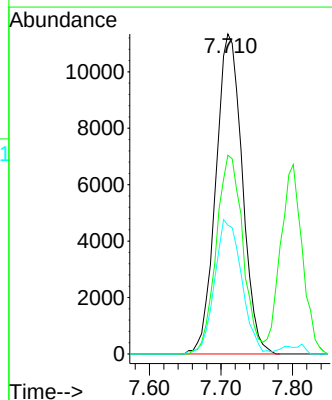
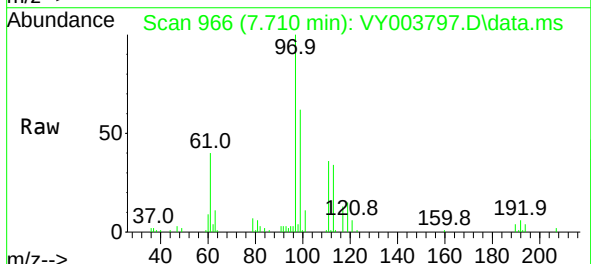
Instrument :  
MSVOA\_Y  
ClientSampleId :

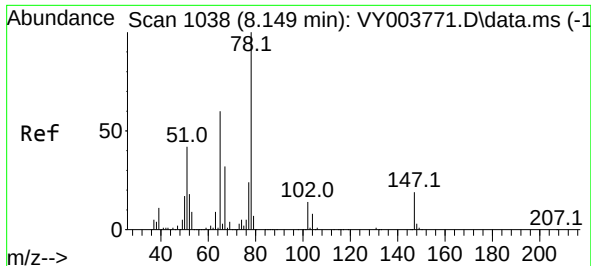
Tgt Ion: 56 Resp: 29389  
Ion Ratio Lower Upper  
56 100  
69 32.7 25.0 37.4  
84 99.3 68.5 102.7



#32  
1,1,1-Trichloroethane  
Concen: 51.59 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. -0.006 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion: 97 Resp: 29107  
Ion Ratio Lower Upper  
97 100  
99 62.5 51.7 77.5  
61 43.0 33.9 50.9

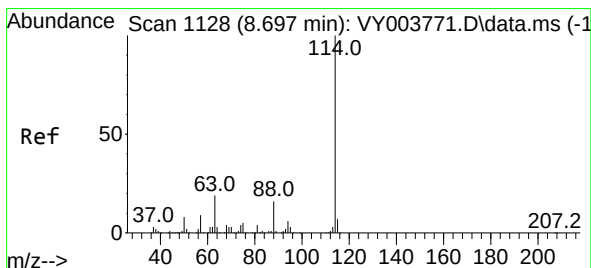
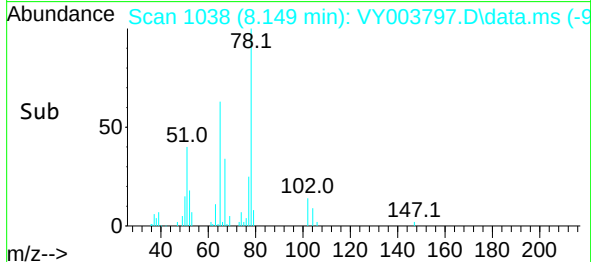
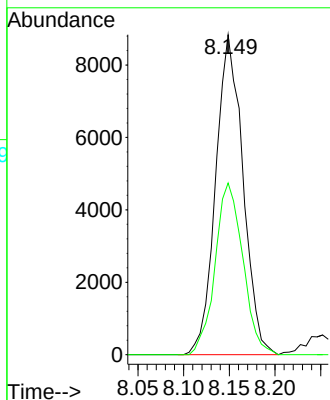
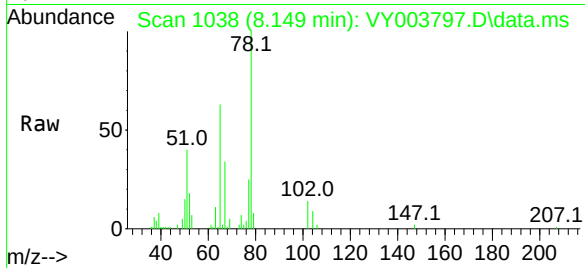




#33  
1,2-Dichloroethane-d4  
Concen: 51.40 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

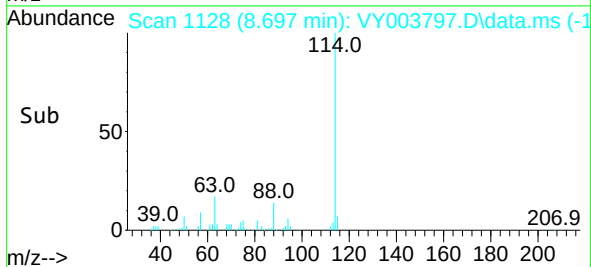
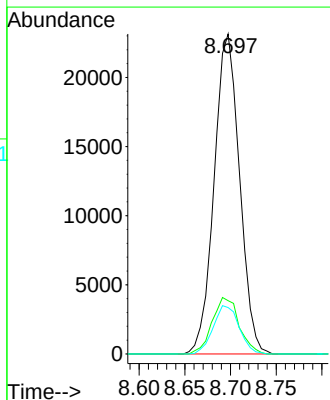
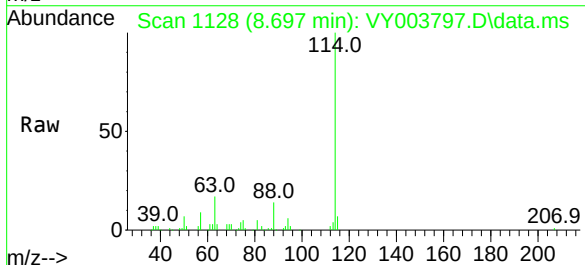
Instrument :  
MSVOA\_Y  
ClientSampled :

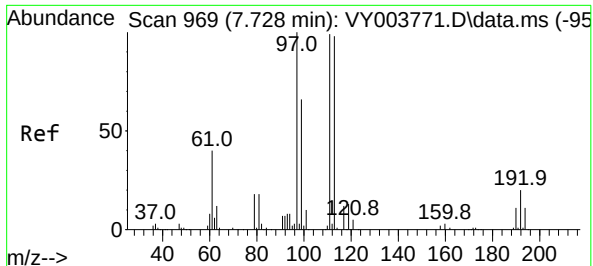
Tgt Ion: 65 Resp: 18332  
Ion Ratio Lower Upper  
65 100  
67 54.6 0.0 107.6



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion: 114 Resp: 44790  
Ion Ratio Lower Upper  
114 100  
63 16.6 0.0 38.4  
88 14.5 0.0 31.8

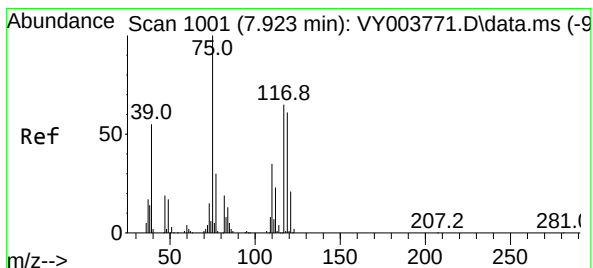
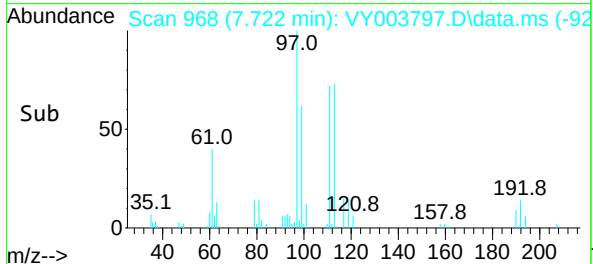
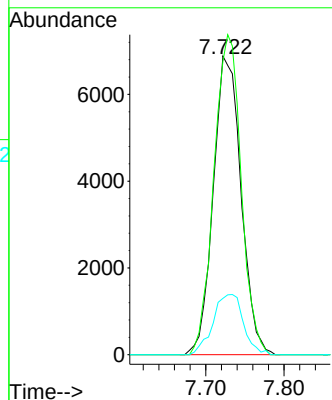
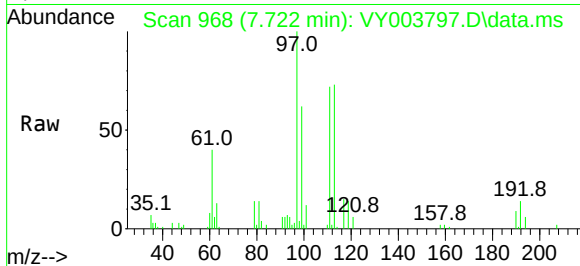




#35  
Dibromofluoromethane  
Concen: 52.38 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. -0.006 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

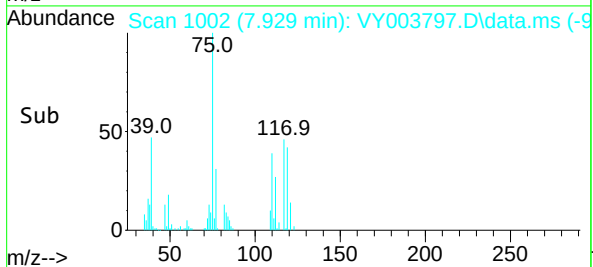
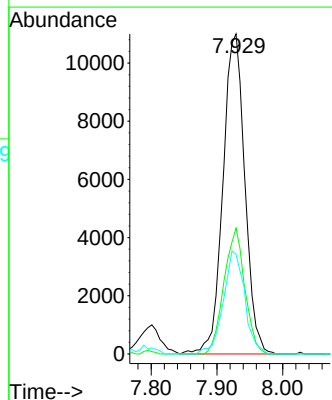
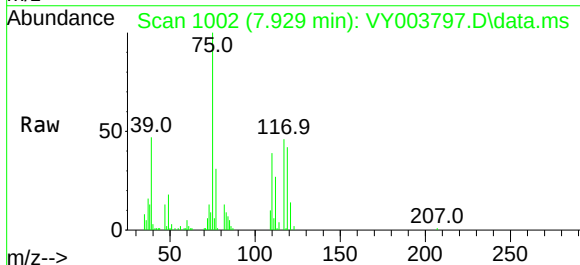
Instrument :  
MSVOA\_Y  
ClientSampleId :

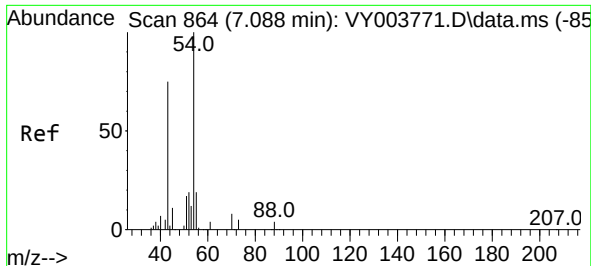
Tgt Ion:113 Resp: 16972  
Ion Ratio Lower Upper  
113 100  
111 104.9 82.2 123.2  
192 22.1 16.7 25.1



#36  
1,1-Dichloropropene  
Concen: 50.62 ug/l  
RT: 7.929 min Scan# 1002  
Delta R.T. 0.006 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion: 75 Resp: 25490  
Ion Ratio Lower Upper  
75 100  
110 37.3 18.1 54.1  
77 31.4 24.6 36.8





#37

Ethyl Acetate

Concen: 52.00 ug/l

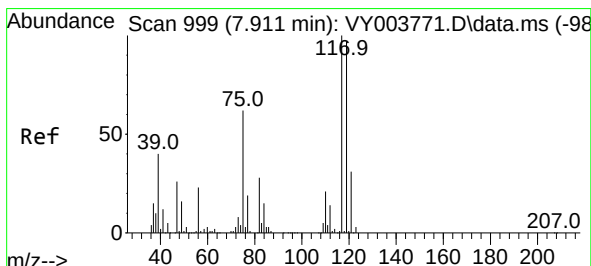
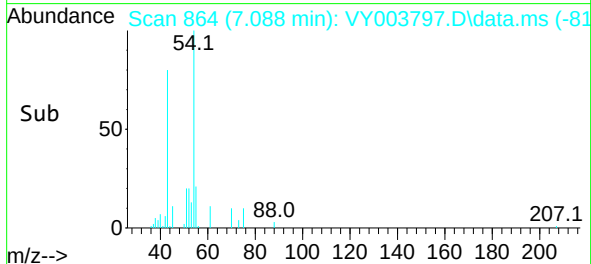
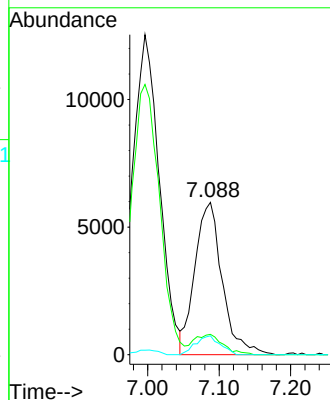
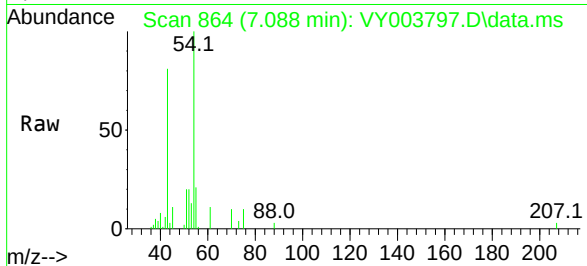
RT: 7.088 min Scan# 864

Delta R.T. -0.000 min

Lab File: VY003797.D

Acq: 16 Dec 2020 12:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 15838 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 14.5  | 11.0  | 16.4  |
| 70       | 11.1  | 8.1   | 12.1  |



#38

Carbon Tetrachloride

Concen: 52.16 ug/l

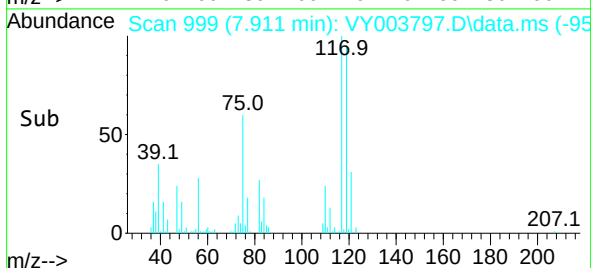
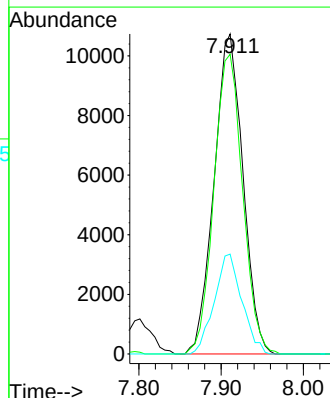
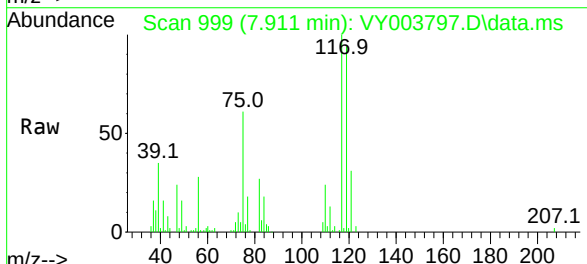
RT: 7.911 min Scan# 999

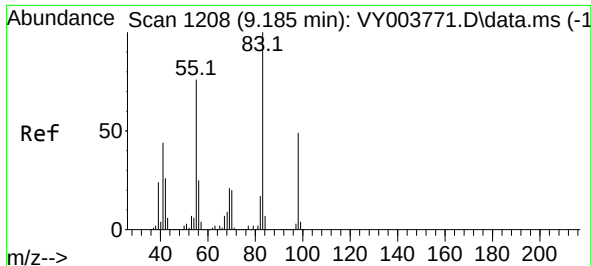
Delta R.T. -0.000 min

Lab File: VY003797.D

Acq: 16 Dec 2020 12:18

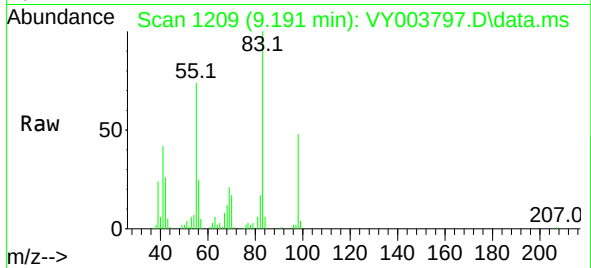
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 26232 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 93.7  | 77.2  | 115.8 |
| 121      | 31.2  | 25.0  | 37.4  |



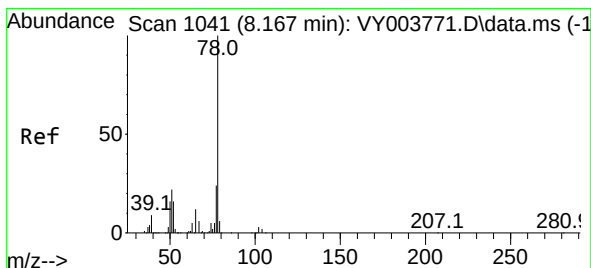
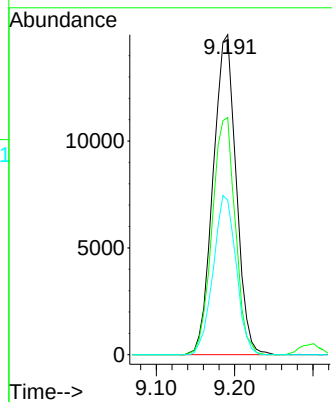
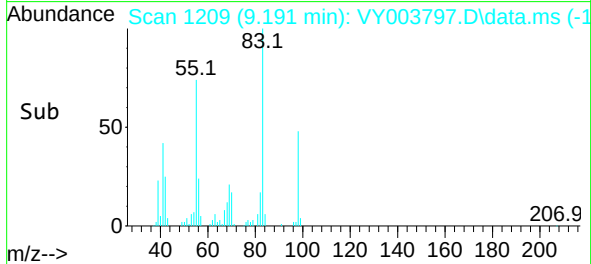


#39  
Methylcyclohexane  
Concen: 48.51 ug/l  
RT: 9.191 min Scan# 1209  
Delta R.T. 0.006 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

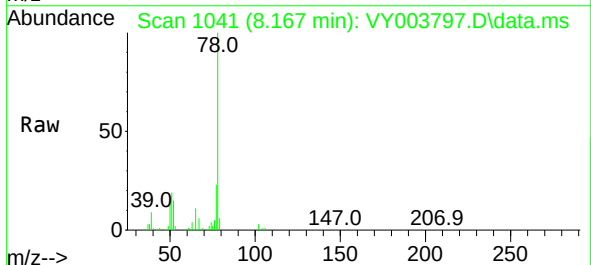
Instrument :  
MSVOA\_Y  
ClientSampled :



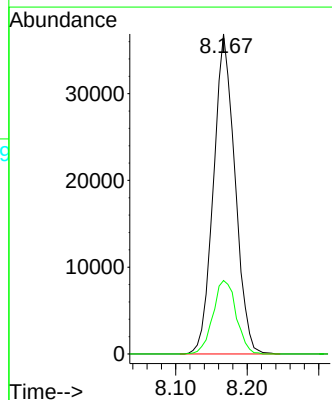
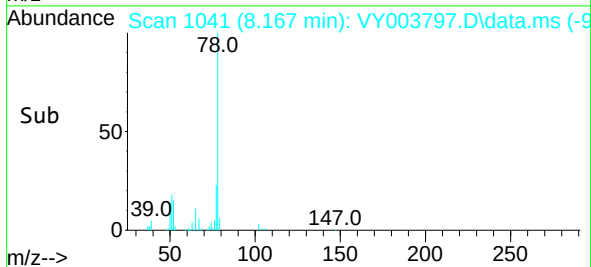
Tgt Ion: 83 Resp: 30627  
Ion Ratio Lower Upper  
83 100  
55 74.1 61.0 91.6  
98 48.3 39.4 59.2



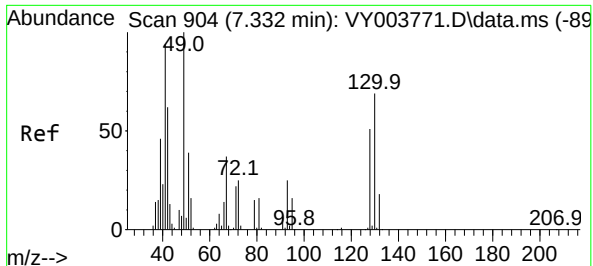
#40  
Benzene  
Concen: 53.28 ug/l  
RT: 8.167 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18



Tgt Ion: 78 Resp: 76939  
Ion Ratio Lower Upper  
78 100  
77 23.0 19.0 28.6

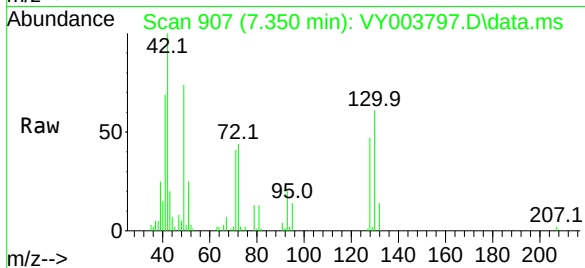




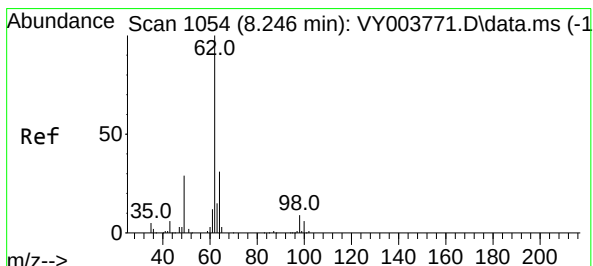
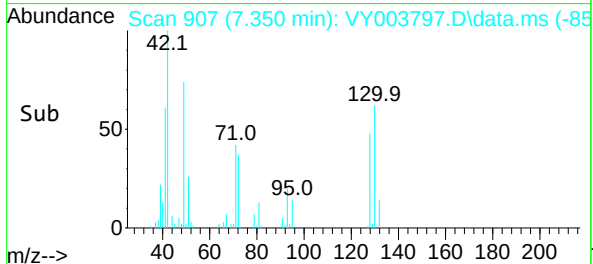
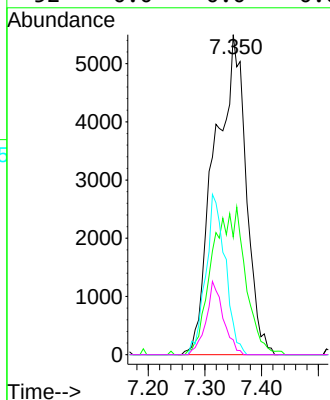


#41  
Methacrylonitrile  
Concen: 137.64 ug/l  
RT: 7.350 min Scan# 907  
Delta R.T. 0.018 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Instrument :  
MSVOA\_Y  
ClientSampleId :

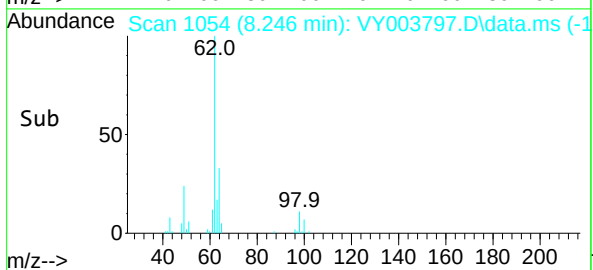
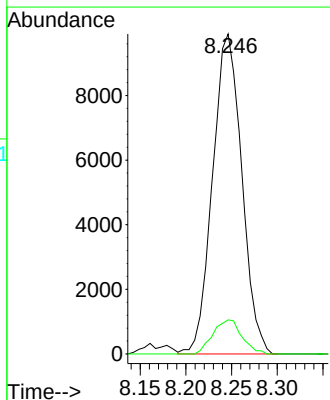
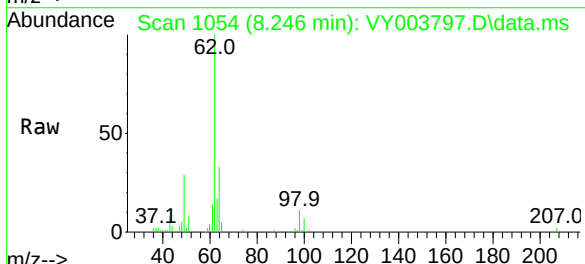


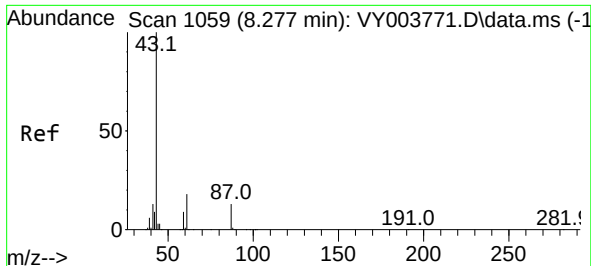
Tgt Ion: 41 Resp: 21164  
Ion Ratio Lower Upper  
41 100  
39 24.2 0.0 0.0#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 51.28 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion: 62 Resp: 21998  
Ion Ratio Lower Upper  
62 100  
98 10.6 0.0 19.4





#43

Isopropyl Acetate

Concen: 50.18 ug/l

RT: 8.283 min Scan# 1060

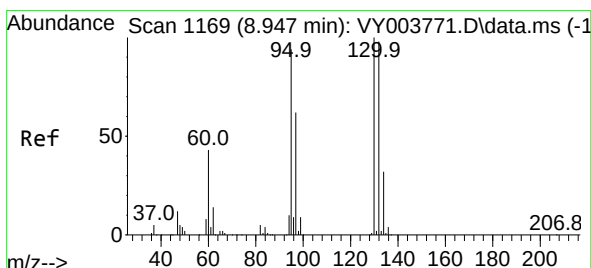
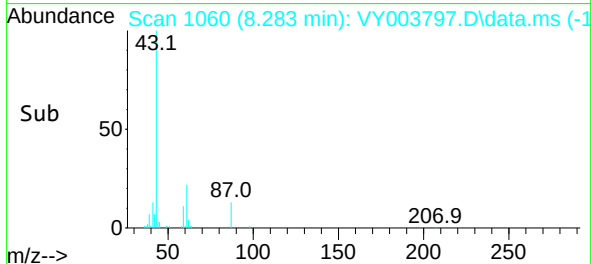
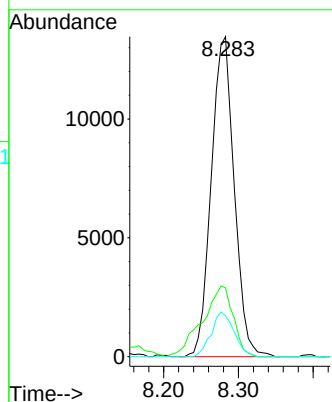
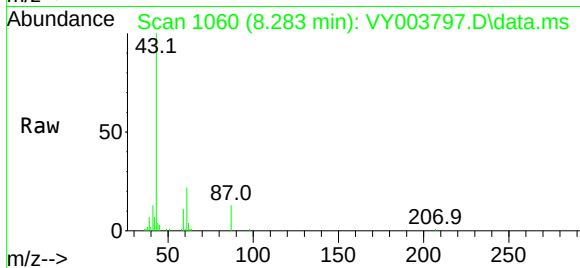
Delta R.T. 0.006 min

Lab File: VY003797.D

Acq: 16 Dec 2020 12:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 28702 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 29.7  | 22.9  | 34.3  |
| 87       | 13.9  | 10.3  | 15.5  |

Instrument :  
MSVOA\_Y  
ClientSampled :



#44

Trichloroethene

Concen: 58.92 ug/l

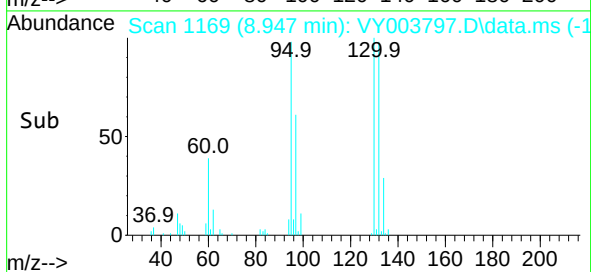
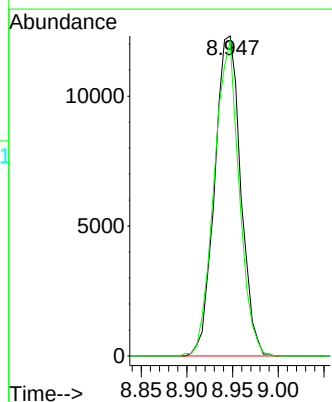
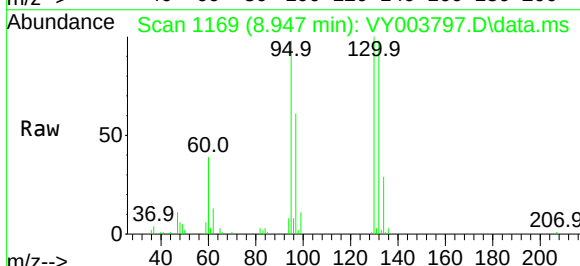
RT: 8.947 min Scan# 1169

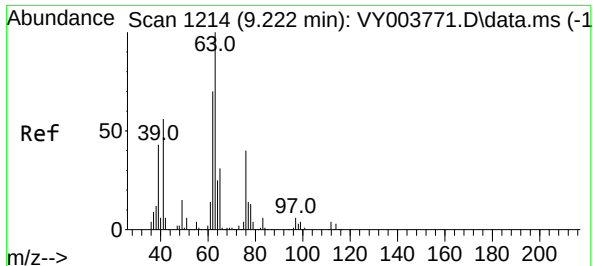
Delta R.T. -0.000 min

Lab File: VY003797.D

Acq: 16 Dec 2020 12:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 24419 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 98.3  | 0.0   | 189.0 |

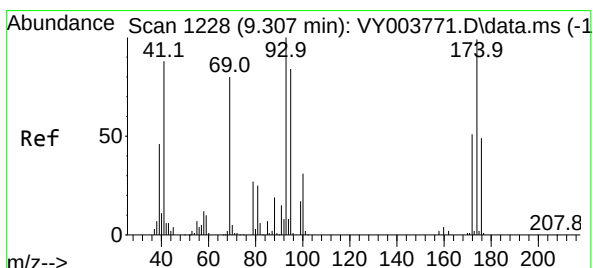
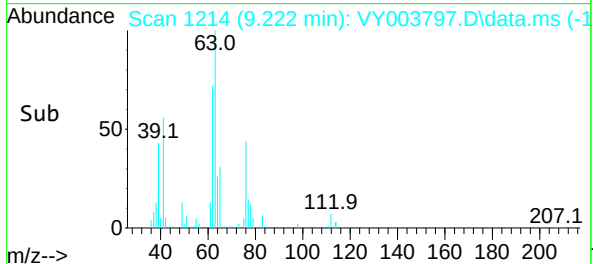
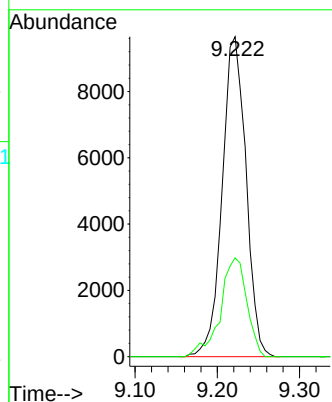
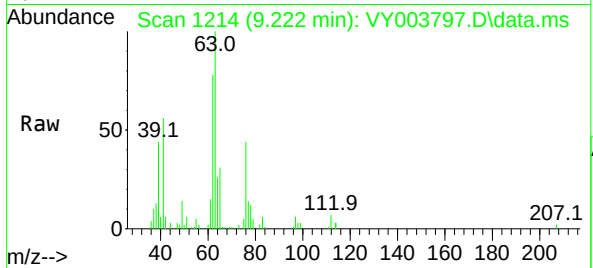




#45  
1,2-Dichloropropane  
Concen: 52.29 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

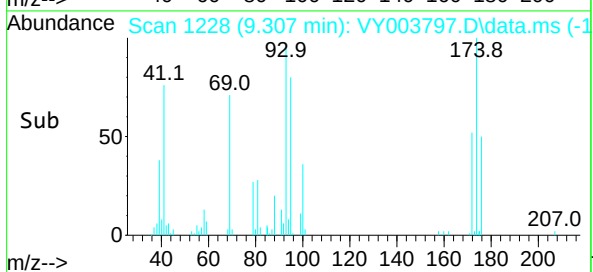
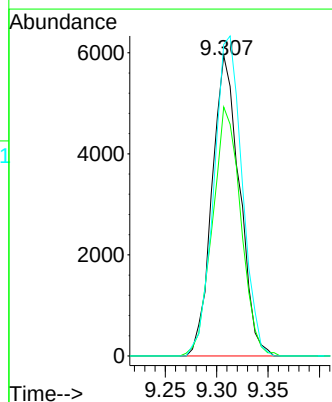
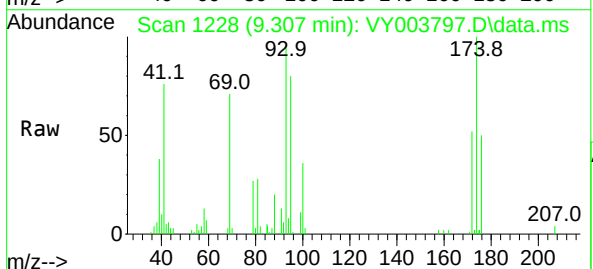
Instrument :  
MSVOA\_Y  
ClientSampled :

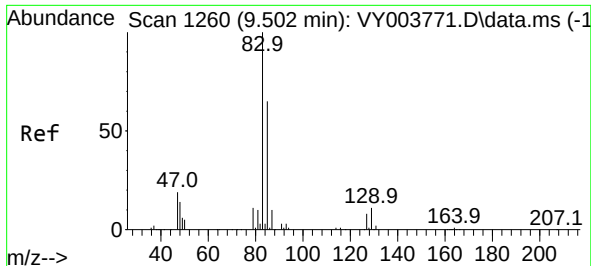
Tgt Ion: 63 Resp: 19392  
Ion Ratio Lower Upper  
63 100  
65 30.9 24.6 36.8



#46  
Dibromomethane  
Concen: 54.75 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

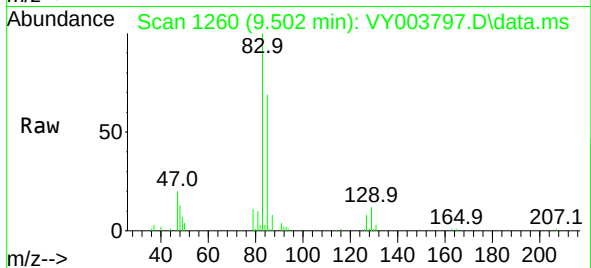
Tgt Ion: 93 Resp: 11041  
Ion Ratio Lower Upper  
93 100  
95 85.2 65.4 98.0  
174 109.2 82.2 123.2



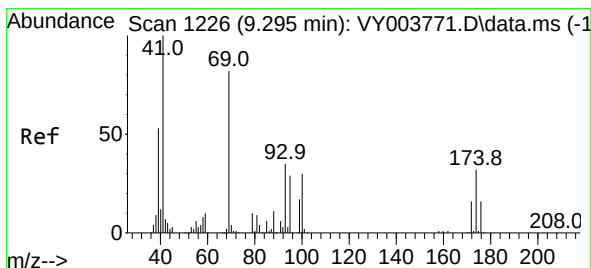
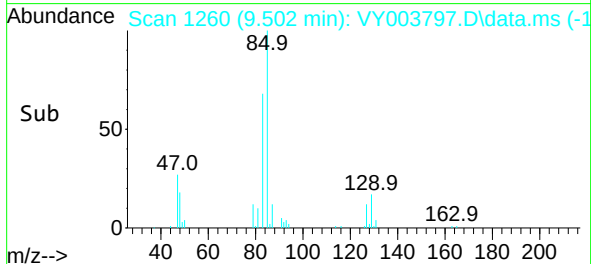
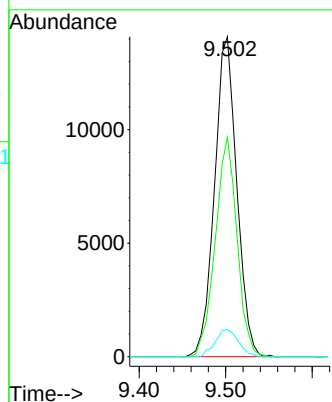


#47  
Bromodichloromethane  
Concen: 51.70 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Instrument :  
MSVOA\_Y  
ClientSampleId :

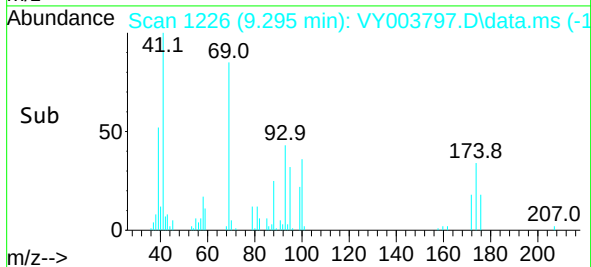
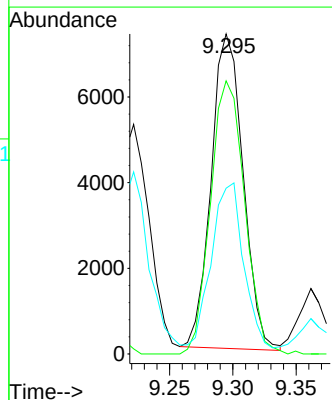
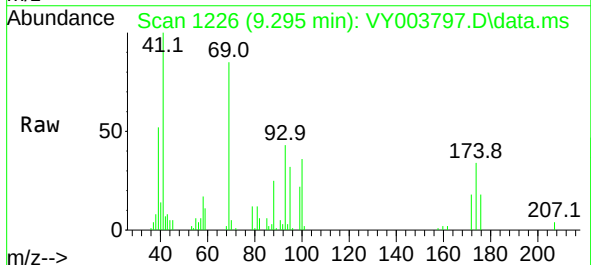


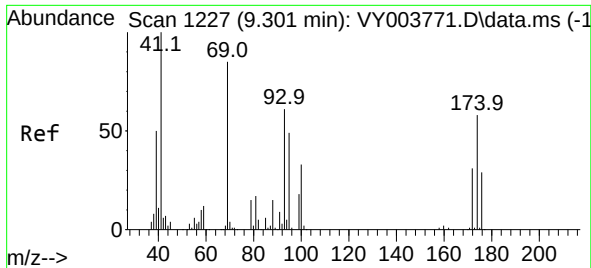
Tgt Ion: 83 Resp: 25149  
Ion Ratio Lower Upper  
83 100  
85 68.6 51.8 77.8  
127 8.5 6.7 10.1



#48  
Methyl methacrylate  
Concen: 49.30 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion: 41 Resp: 12905  
Ion Ratio Lower Upper  
41 100  
69 92.8 67.9 101.9  
39 57.1 43.2 64.8

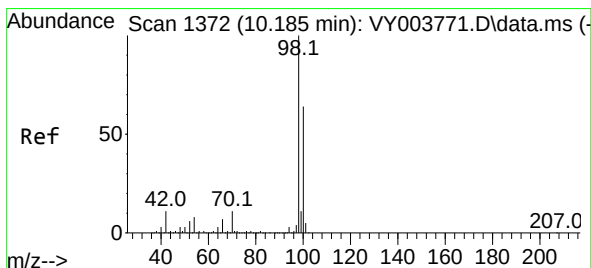
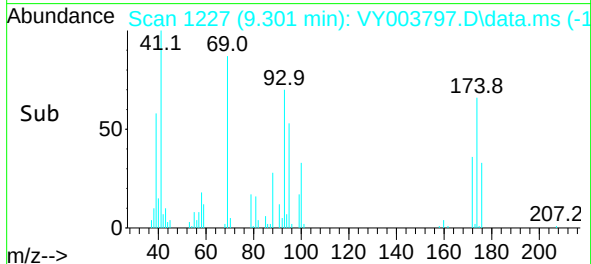
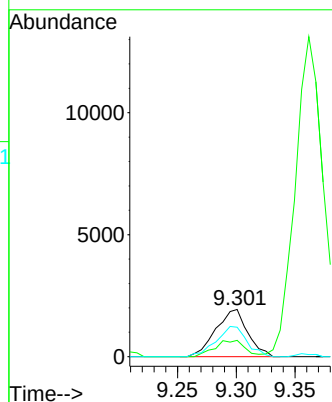
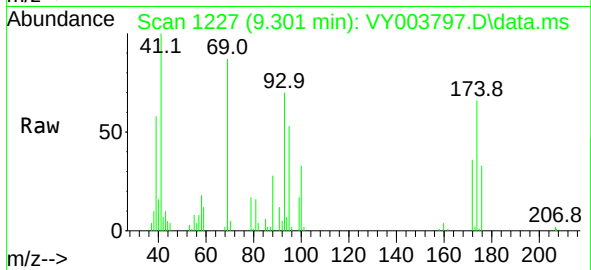




#49  
1,4-Dioxane  
Concen: 1330.93 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

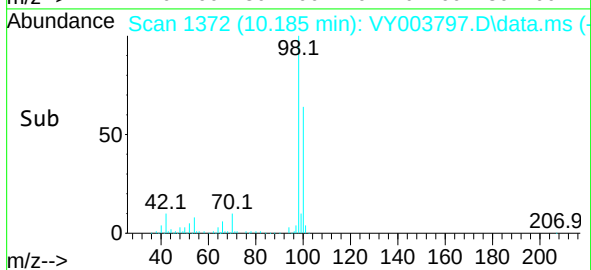
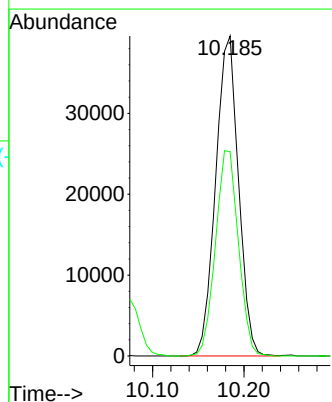
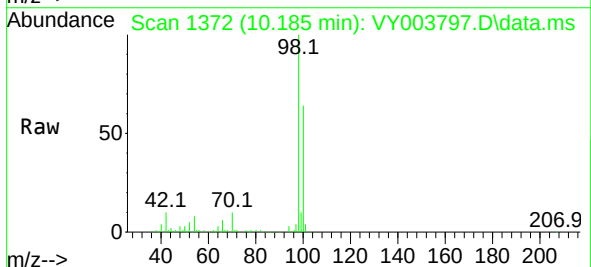
Instrument :  
MSVOA\_Y  
ClientSampleId :

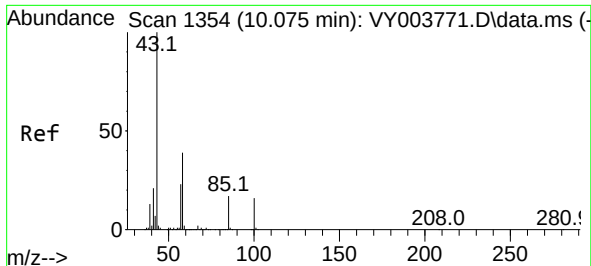
Tgt Ion: 88 Resp: 3637  
Ion Ratio Lower Upper  
88 100  
43 32.9 26.9 40.3  
58 61.8 57.0 85.6



#50  
Toluene-d8  
Concen: 53.60 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion: 98 Resp: 68750  
Ion Ratio Lower Upper  
98 100  
100 64.5 51.6 77.4

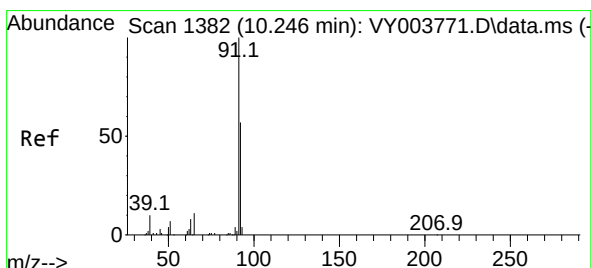
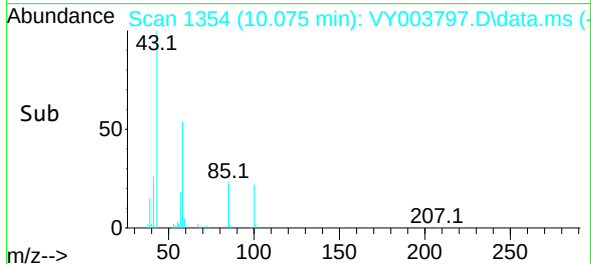
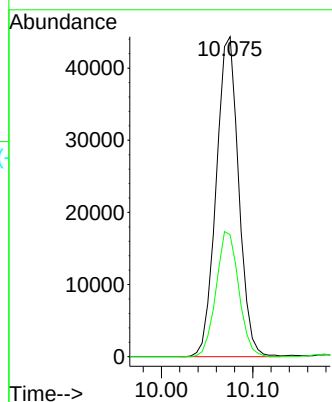
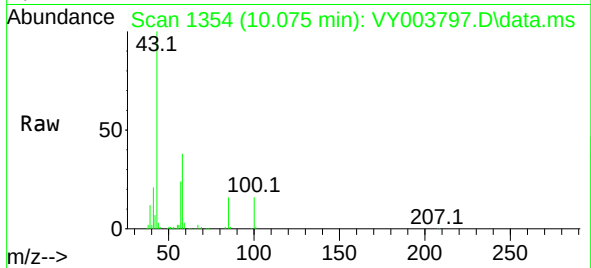




#51  
4-Methyl-2-Pentanone  
Concen: 255.85 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

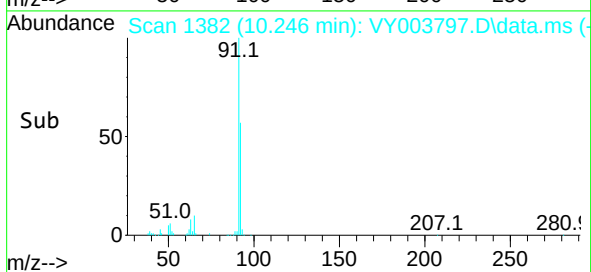
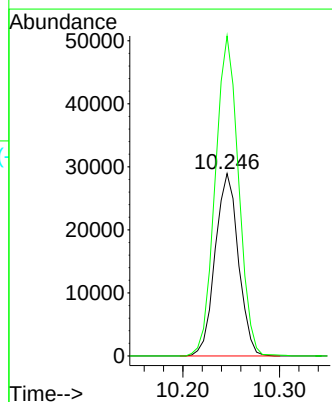
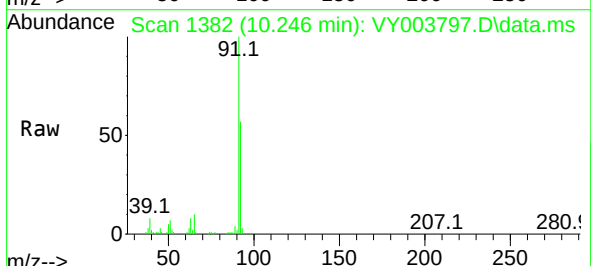
Instrument :  
MSVOA\_Y  
ClientSampled :

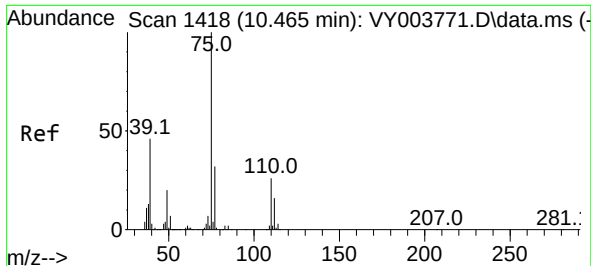
Tgt Ion: 43 Resp: 75904  
Ion Ratio Lower Upper  
43 100  
58 39.3 30.6 45.8



#52  
Toluene  
Concen: 52.96 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion: 92 Resp: 48167  
Ion Ratio Lower Upper  
92 100  
91 176.5 137.4 206.0

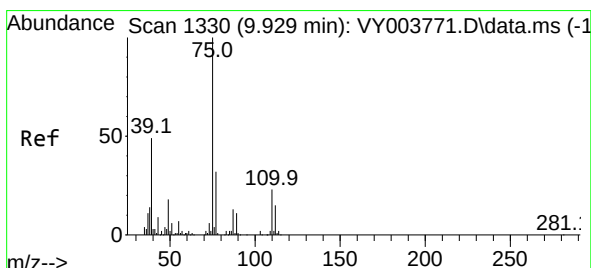
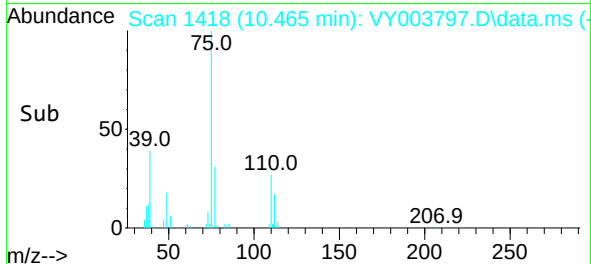
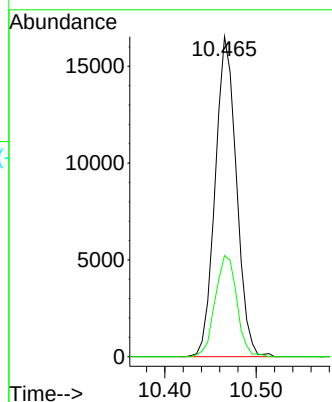
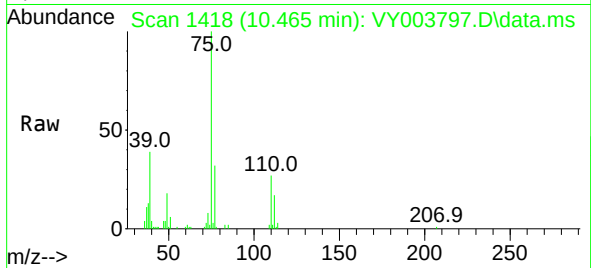




#53  
t-1,3-Dichloropropene  
Concen: 51.12 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

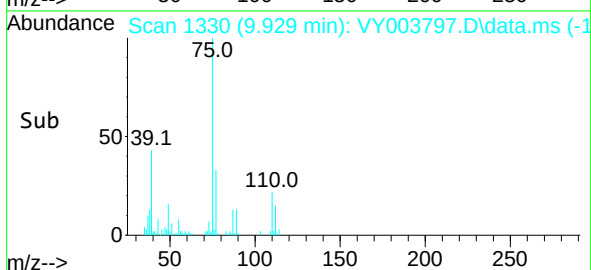
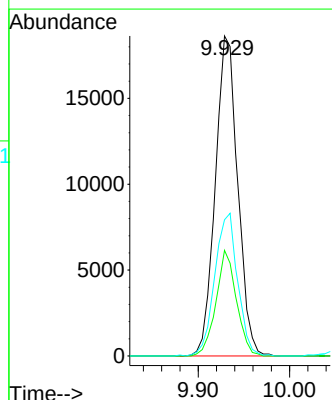
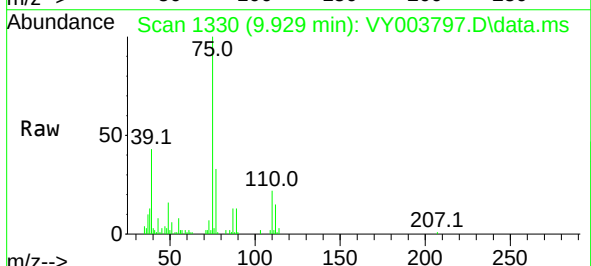
Instrument :  
MSVOA\_Y  
ClientSampled :

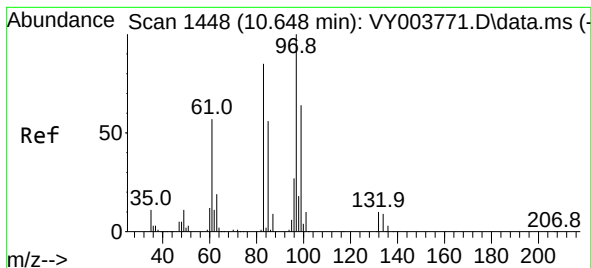
Tgt Ion: 75 Resp: 26701  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.3 37.9



#54  
cis-1,3-Dichloropropene  
Concen: 52.73 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

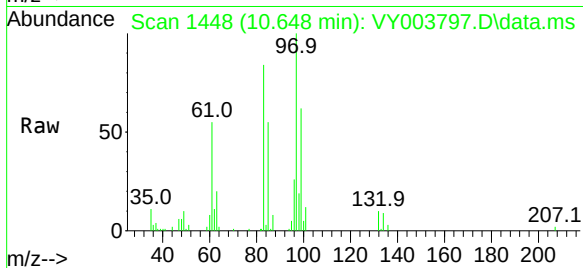
Tgt Ion: 75 Resp: 31793  
Ion Ratio Lower Upper  
75 100  
77 33.0 25.3 37.9  
39 42.6 39.4 59.2



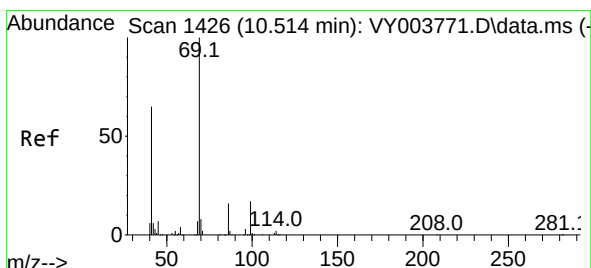
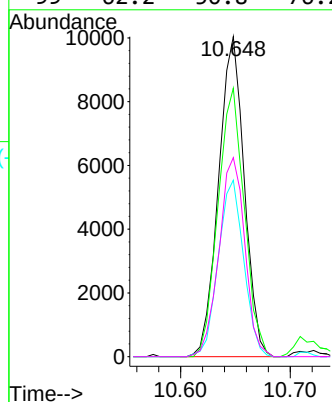
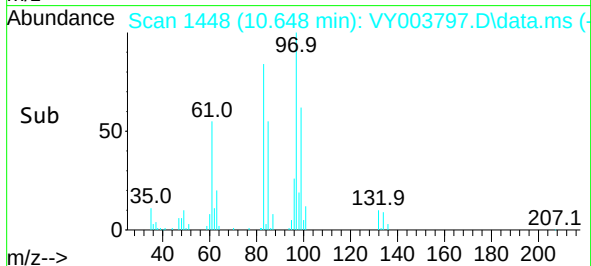


#55  
1,1,2-Trichloroethane  
Concen: 56.57 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

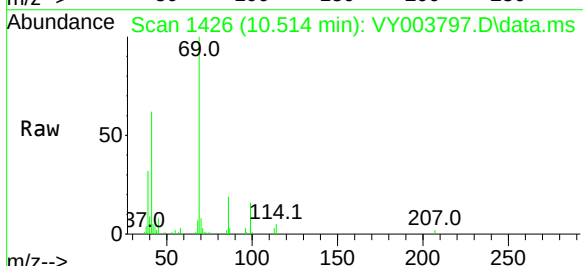
Instrument :  
MSVOA\_Y  
ClientSampleId :



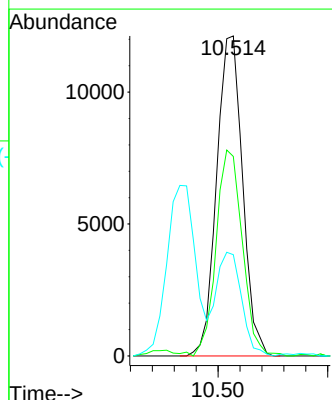
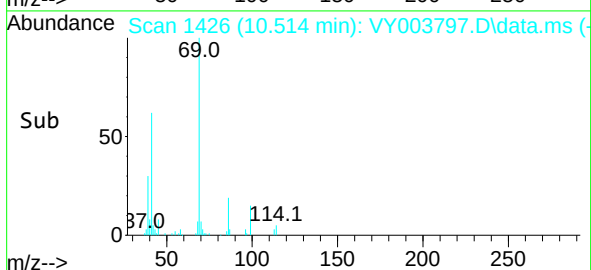
| Tgt Ion: | 97    | Resp: | 16355 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.9  | 68.1  | 102.1 |
| 85       | 55.1  | 44.7  | 67.1  |
| 99       | 62.2  | 50.8  | 76.2  |



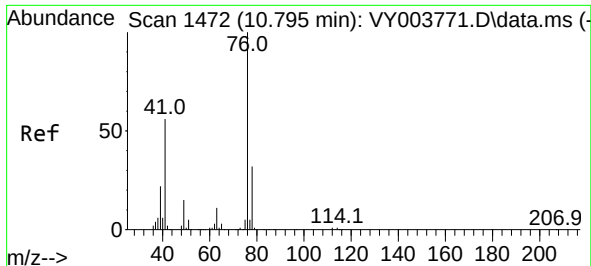
#56  
Ethyl methacrylate  
Concen: 50.86 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18



| Tgt Ion: | 69    | Resp: | 19903 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 65.5  | 55.0  | 82.4  |
| 39       | 31.8  | 27.8  | 41.6  |



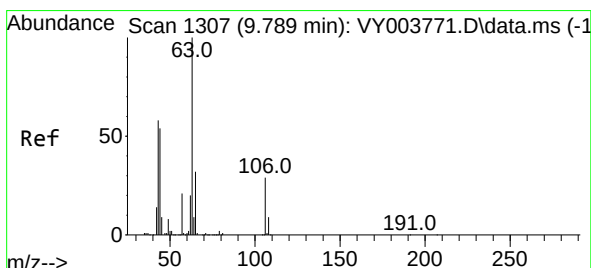
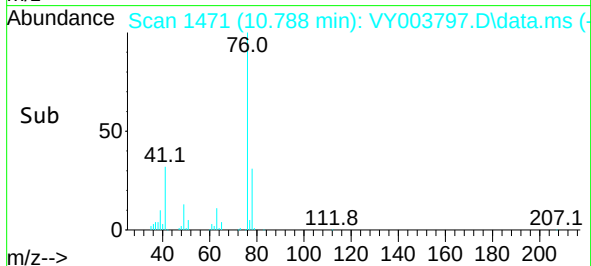
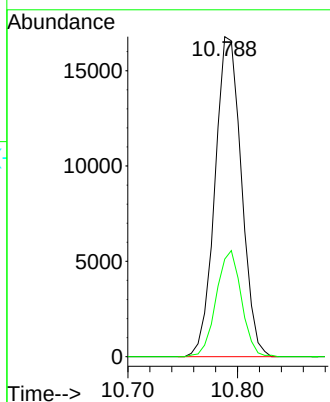
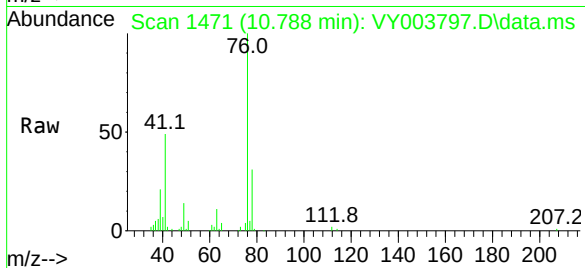




#57  
1,3-Dichloropropane  
Concen: 56.28 ug/l  
RT: 10.788 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

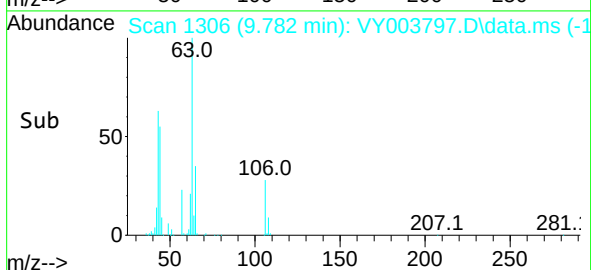
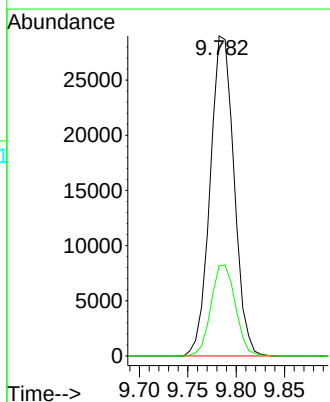
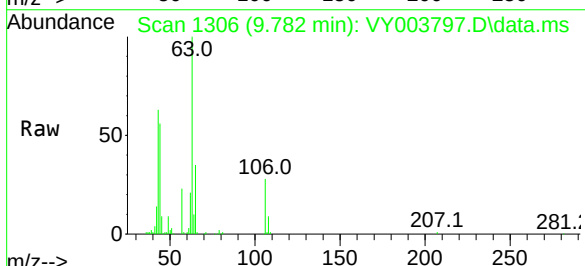
Instrument :  
MSVOA\_Y  
ClientSampled :

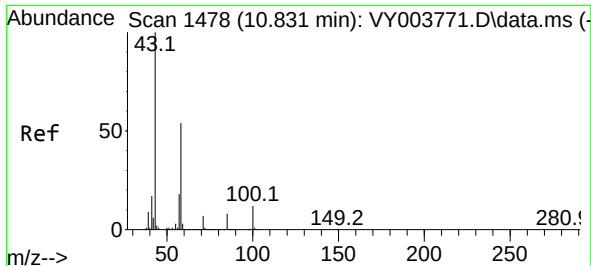
Tgt Ion: 76 Resp: 28159  
Ion Ratio Lower Upper  
76 100  
78 31.4 25.6 38.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 252.84 ug/l  
RT: 9.782 min Scan# 1306  
Delta R.T. -0.006 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion: 63 Resp: 49884  
Ion Ratio Lower Upper  
63 100  
106 29.0 22.4 33.6

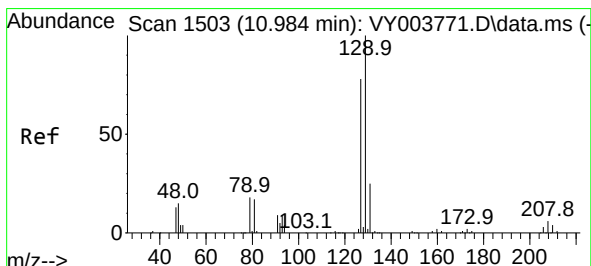
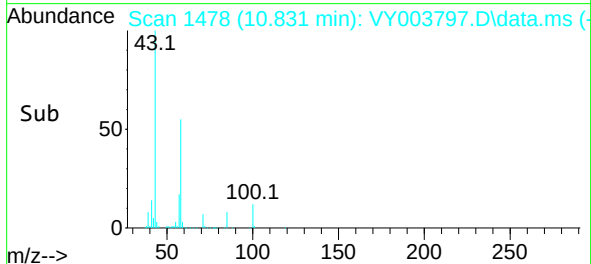
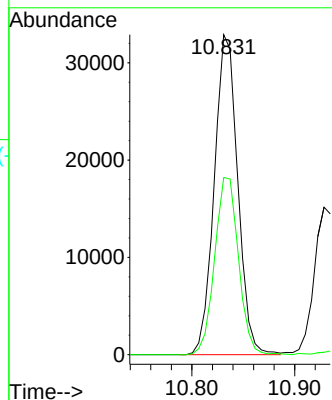
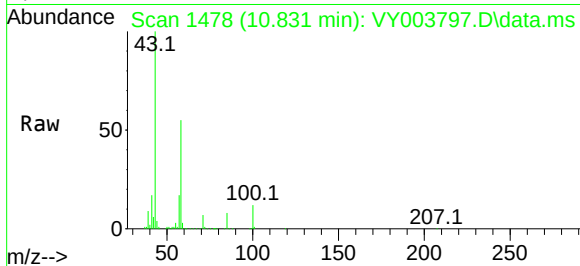




#59  
2-Hexanone  
Concen: 258.46 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

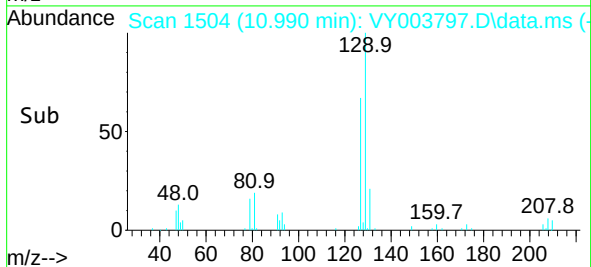
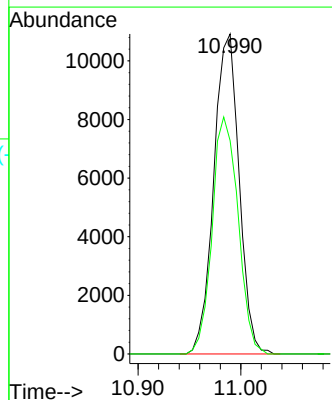
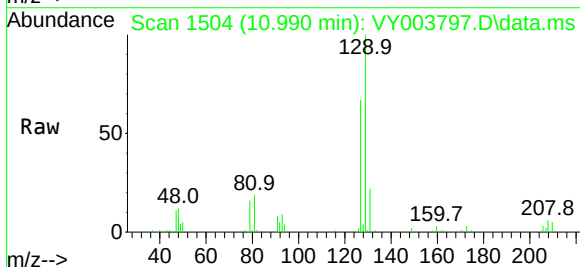
Instrument :  
MSVOA\_Y  
ClientSampleId :

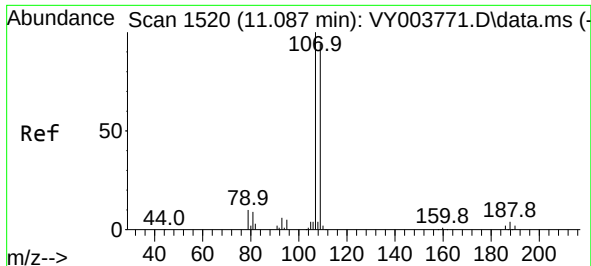
Tgt Ion: 43 Resp: 52108  
Ion Ratio Lower Upper  
43 100  
58 56.2 26.9 80.7



#60  
Dibromochloromethane  
Concen: 53.43 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. 0.006 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion: 129 Resp: 18668  
Ion Ratio Lower Upper  
129 100  
127 75.7 39.0 117.0

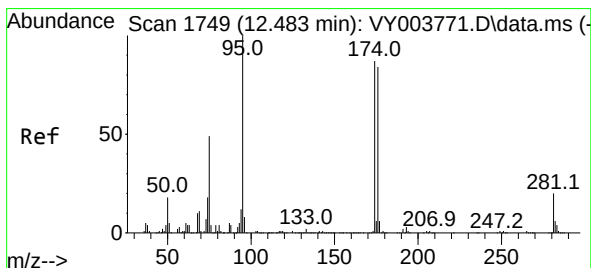
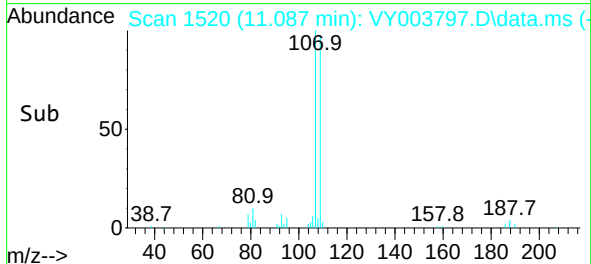
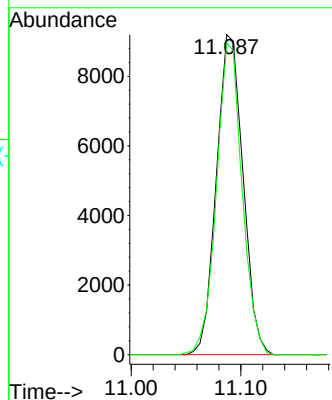
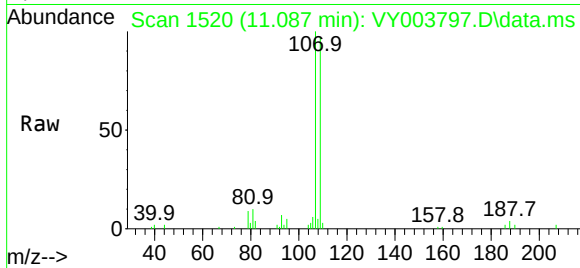




#61  
1,2-Dibromoethane  
Concen: 55.12 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

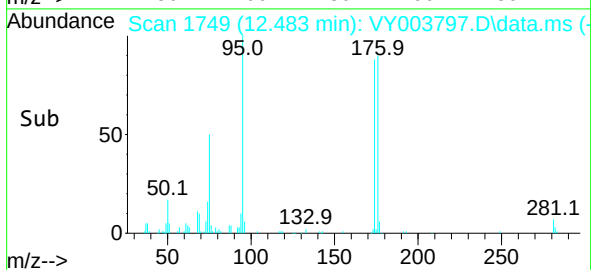
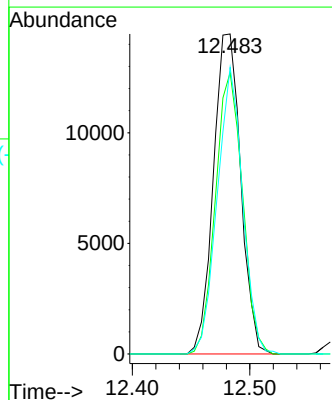
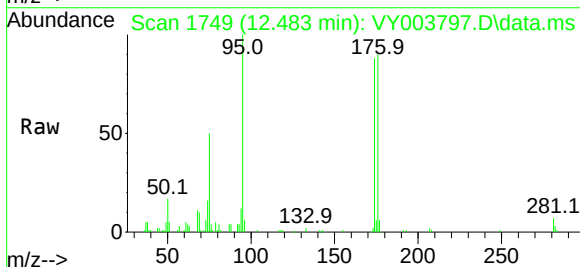
Instrument :  
MSVOA\_Y  
ClientSampleId :

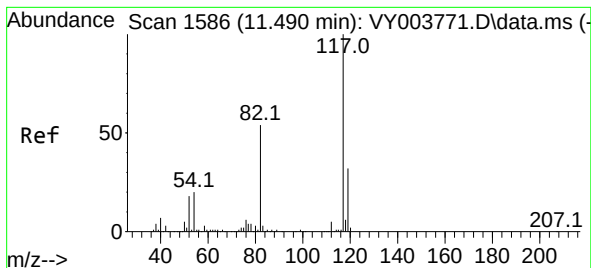
Tgt Ion:107 Resp: 15528  
Ion Ratio Lower Upper  
107 100  
109 94.0 73.5 110.3



#62  
4-Bromofluorobenzene  
Concen: 52.98 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion: 95 Resp: 23348  
Ion Ratio Lower Upper  
95 100  
174 86.7 0.0 170.8  
176 83.5 0.0 165.0

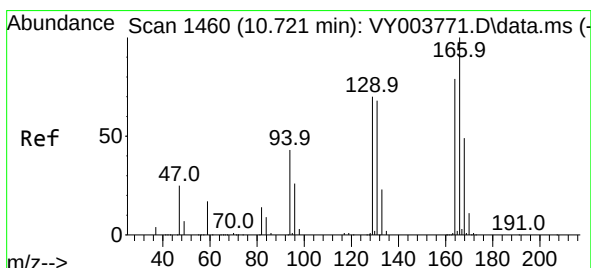
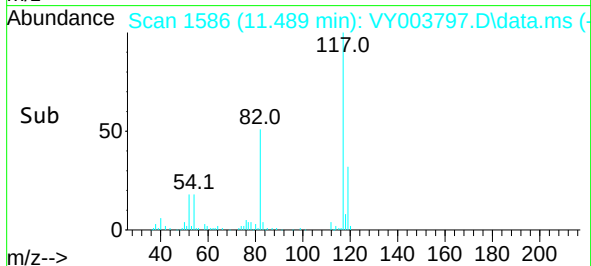
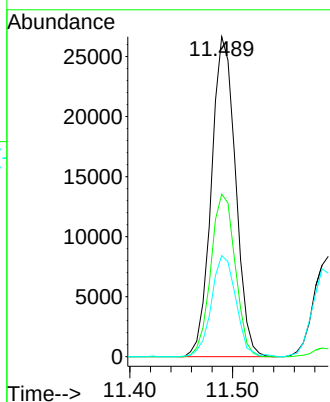
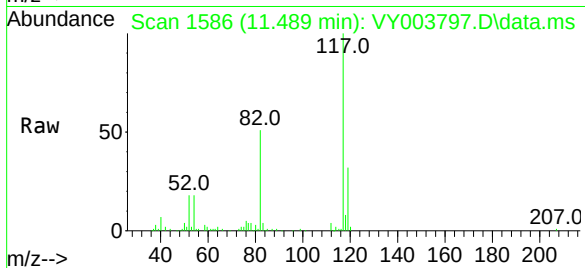




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.489 min Scan# 1586  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

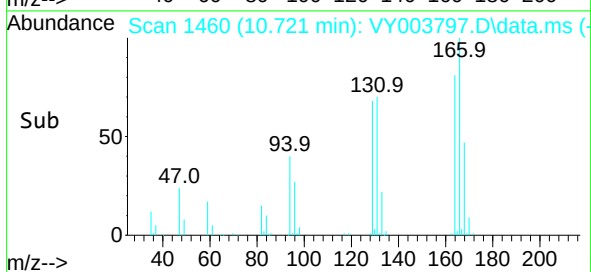
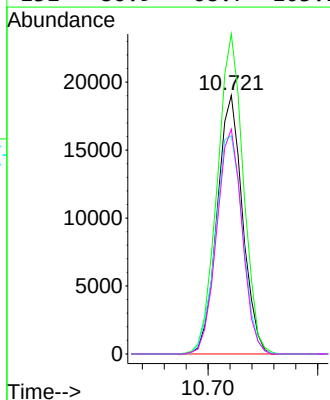
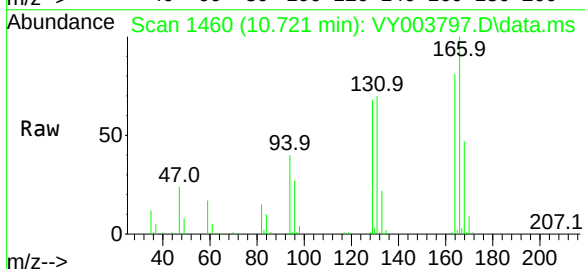
Instrument :  
MSVOA\_Y  
ClientSampleId :

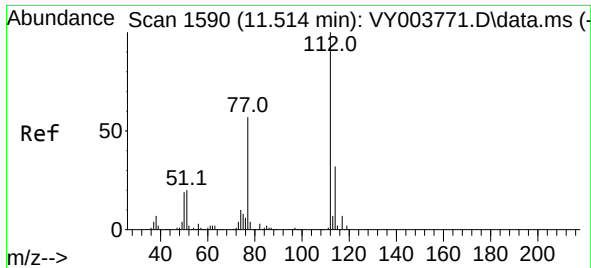
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:117 | Resp: | 43484     |
| Ion Ratio   | Lower | Upper     |
| 117         | 100   |           |
| 82          | 50.8  | 43.0 64.6 |
| 119         | 31.6  | 25.7 38.5 |



#64  
Tetrachloroethene  
Concen: 65.40 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:164 | Resp: | 30640       |
| Ion Ratio   | Lower | Upper       |
| 164         | 100   |             |
| 166         | 123.8 | 101.5 152.3 |
| 129         | 84.4  | 71.3 106.9  |
| 131         | 86.9  | 68.7 103.1  |

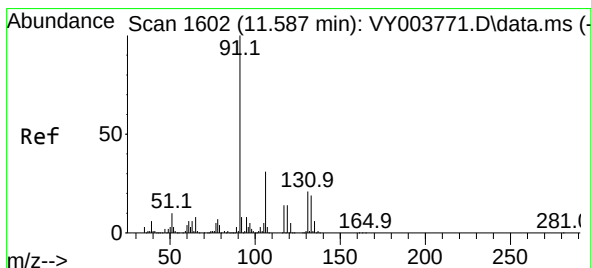
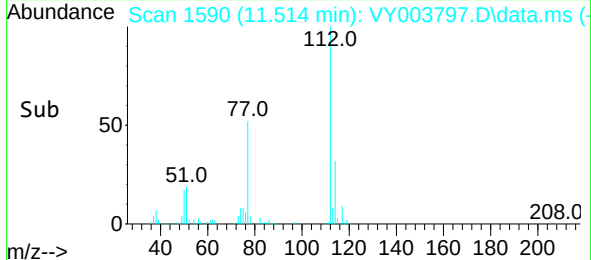
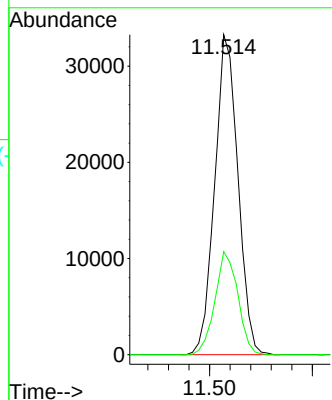
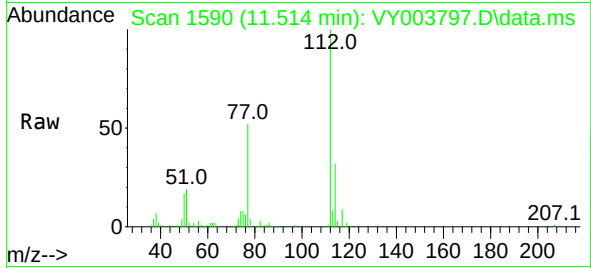




#65  
Chlorobenzene  
Concen: 50.41 ug/l  
RT: 11.514 min Scan# 1590  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

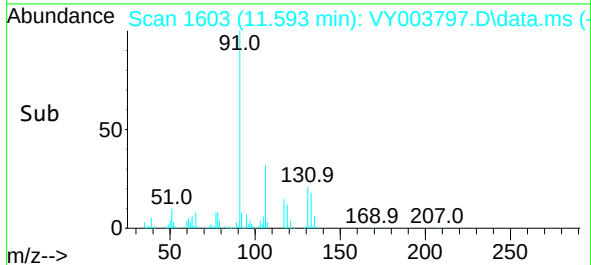
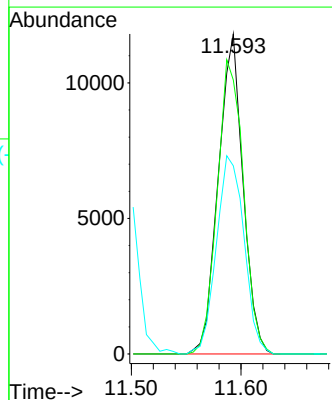
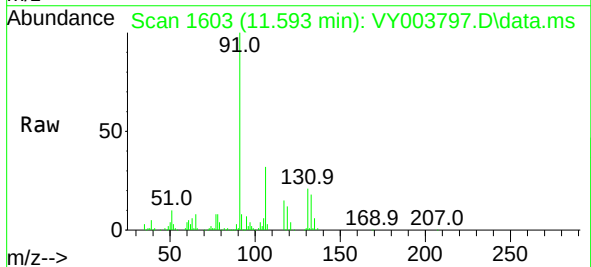
Instrument :  
MSVOA\_Y  
ClientSampleId :

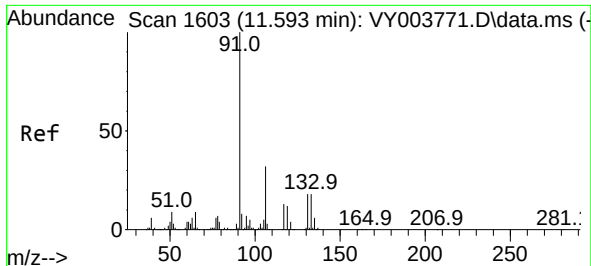
Tgt Ion:112 Resp: 52094  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.01 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.006 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion:131 Resp: 18426  
Ion Ratio Lower Upper  
131 100  
133 97.9 47.4 142.3  
119 69.5 32.5 97.4

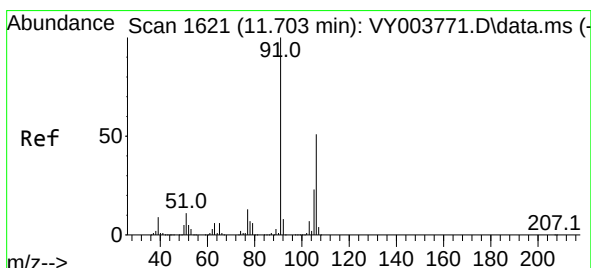
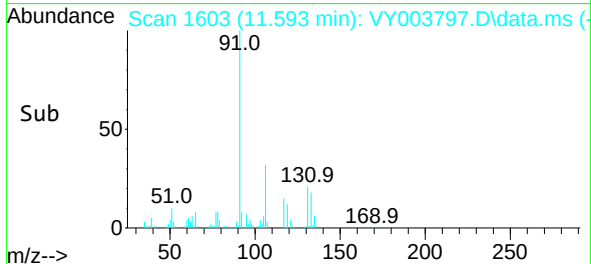
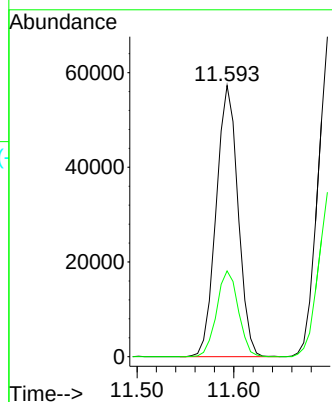
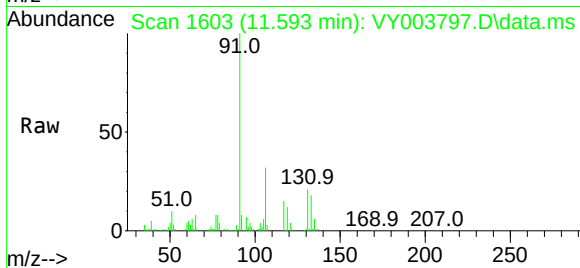




#67  
Ethyl Benzene  
Concen: 48.48 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

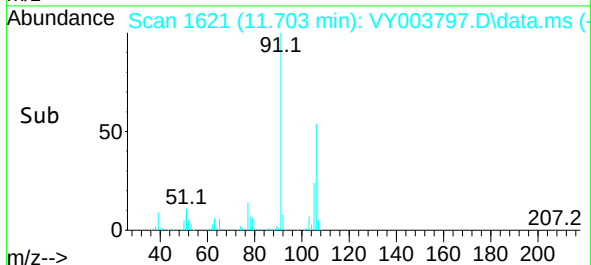
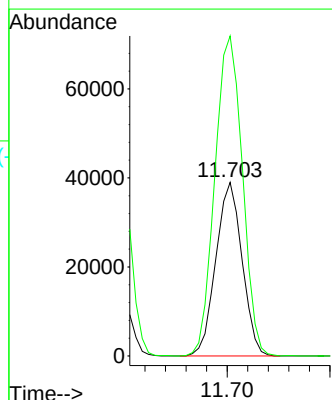
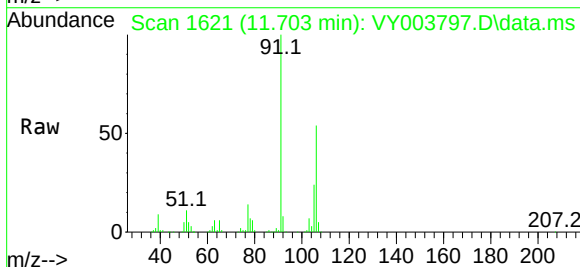
Instrument :  
MSVOA\_Y  
ClientSampleId :

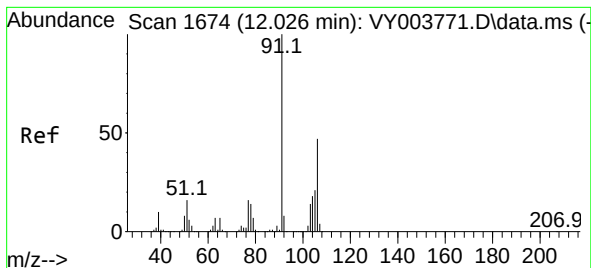
Tgt Ion: 91 Resp: 89645  
Ion Ratio Lower Upper  
91 100  
106 31.7 25.2 37.8



#68  
m/p-Xylenes  
Concen: 98.72 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion:106 Resp: 69033  
Ion Ratio Lower Upper  
106 100  
91 193.8 158.1 237.1

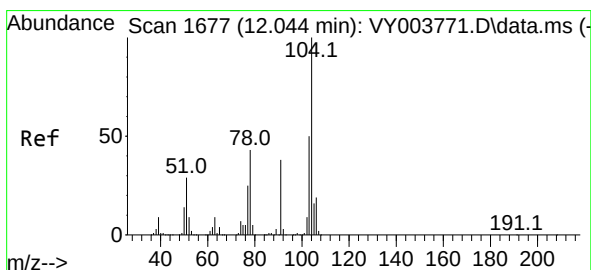
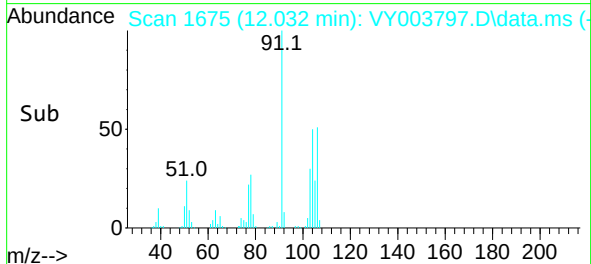
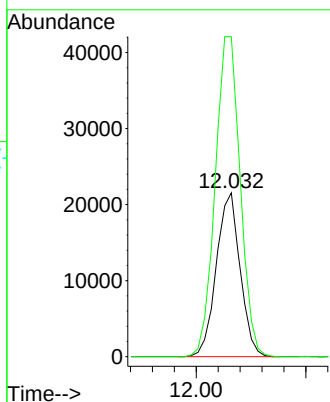
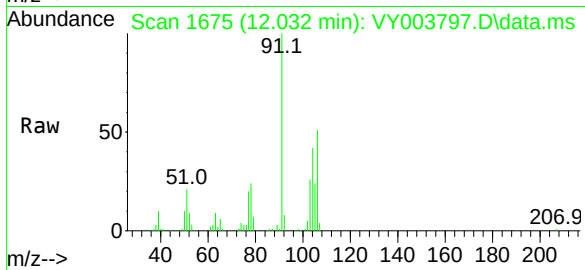




#69  
o-Xylene  
Concen: 49.45 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.006 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

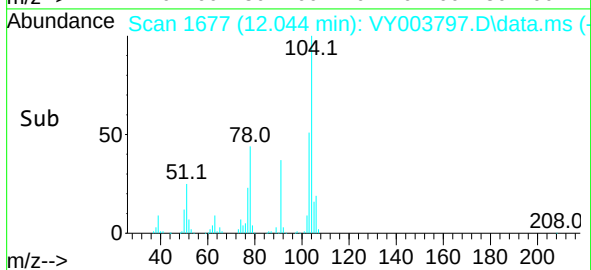
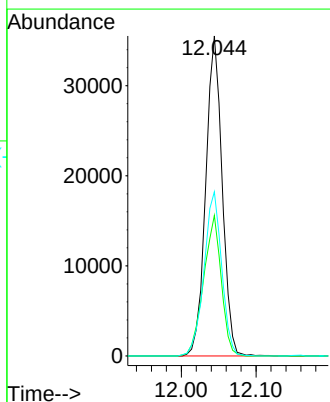
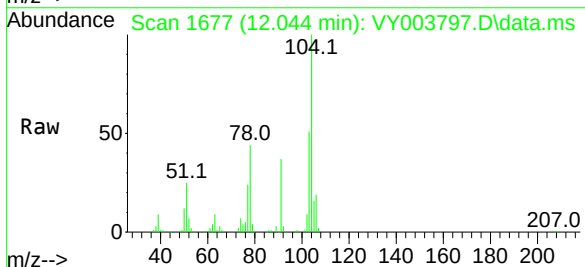
Instrument :  
MSVOA\_Y  
ClientSampled :

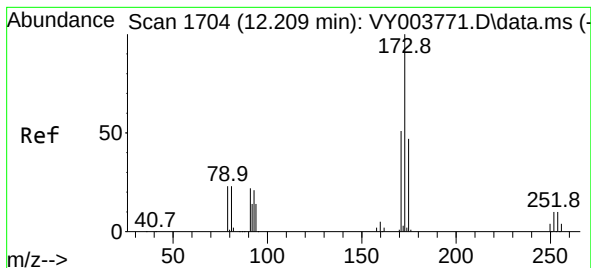
Tgt Ion:106 Resp: 32443  
Ion Ratio Lower Upper  
106 100  
91 205.7 104.6 313.7



#70  
Styrene  
Concen: 49.17 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion:104 Resp: 54259  
Ion Ratio Lower Upper  
104 100  
78 47.1 38.3 57.5  
103 55.2 43.6 65.4

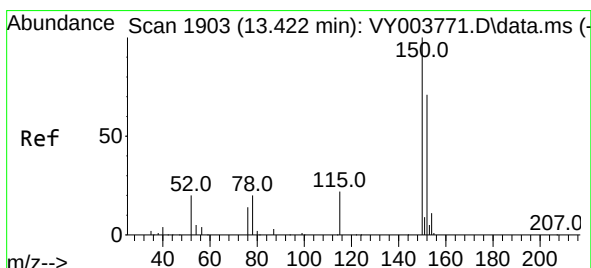
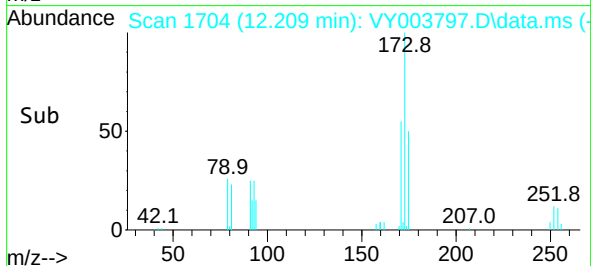
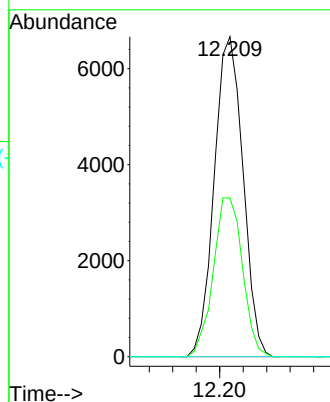
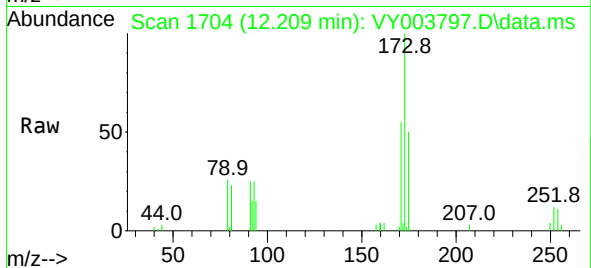




#71  
Bromoform  
Concen: 48.60 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

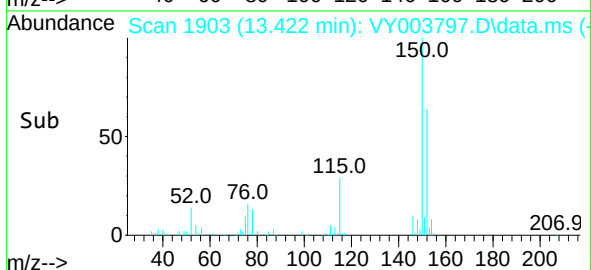
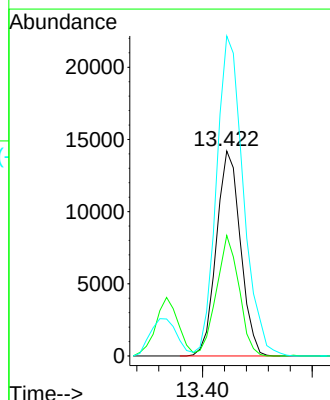
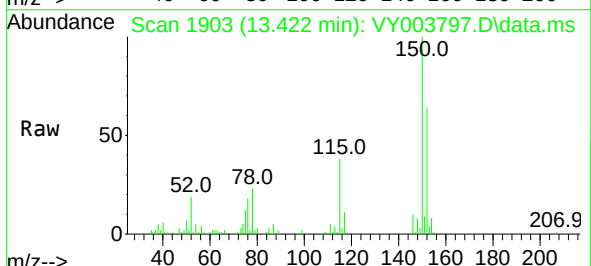
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:173 Resp: 11323  
Ion Ratio Lower Upper  
173 100  
175 50.5 24.4 73.2  
254 0.0 0.1 0.1#

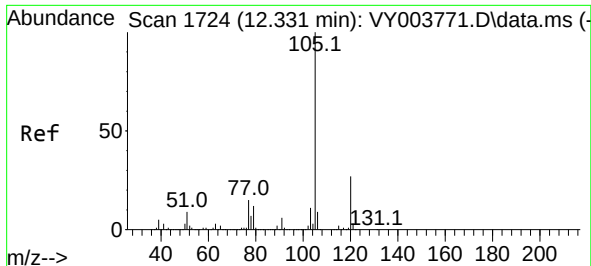


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion:152 Resp: 21665  
Ion Ratio Lower Upper  
152 100  
115 55.4 28.0 83.9  
150 174.3 0.0 347.6



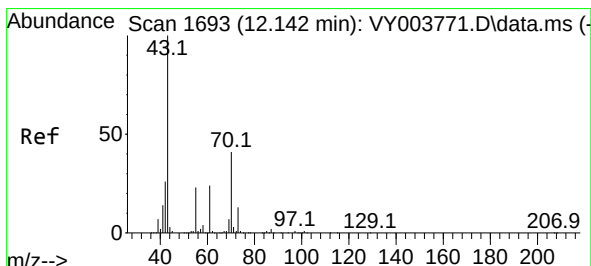
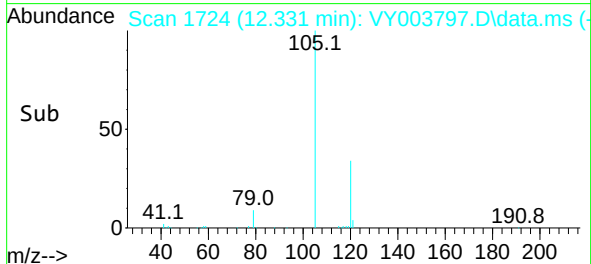
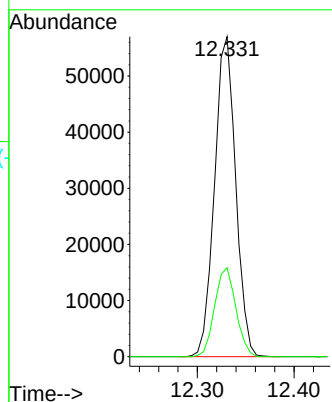
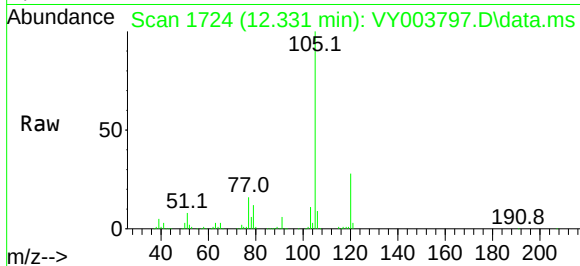




#73  
Isopropylbenzene  
Concen: 49.68 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

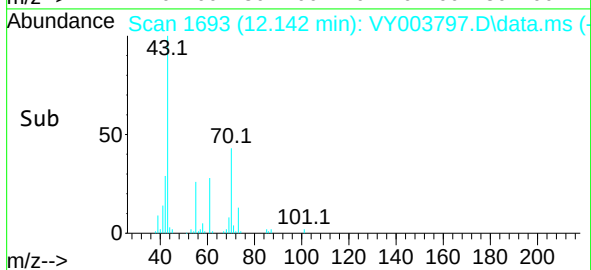
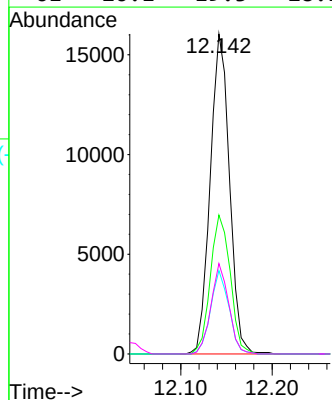
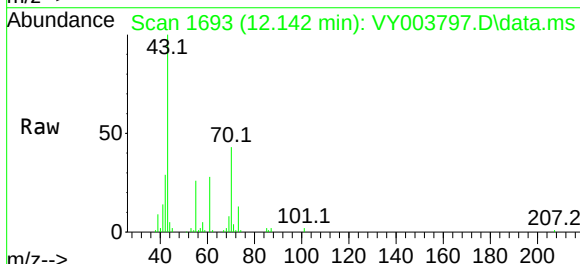
Instrument :  
MSVOA\_Y  
ClientSampleId :

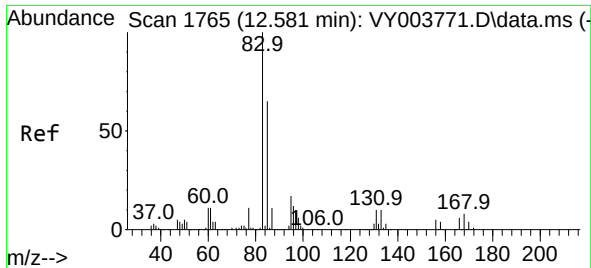
Tgt Ion:105 Resp: 86426  
Ion Ratio Lower Upper  
105 100  
120 27.9 13.5 40.4



#74  
N-ethyl acetate  
Concen: 44.94 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion: 43 Resp: 23435  
Ion Ratio Lower Upper  
43 100  
70 44.8 33.4 50.0  
55 24.7 18.7 28.1  
61 26.1 19.3 28.9

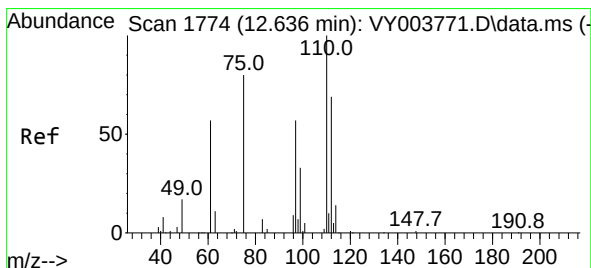
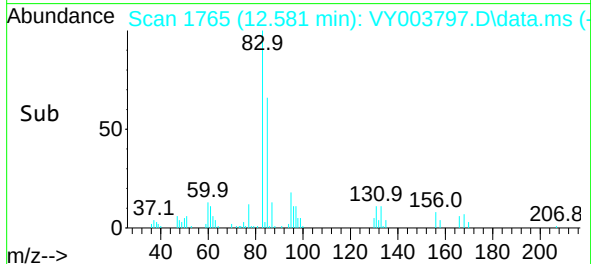
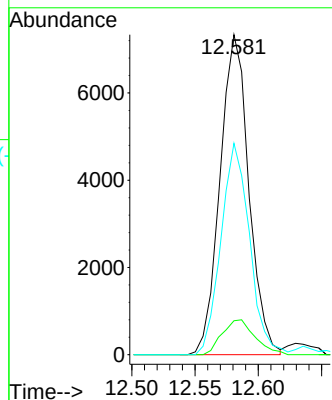
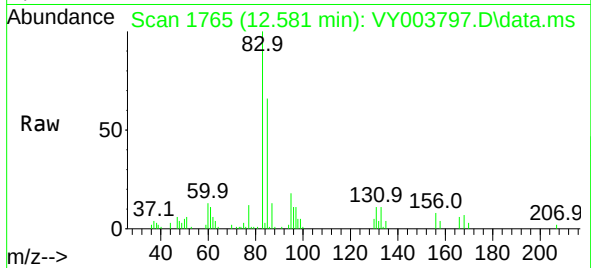




#75  
1,1,2,2-Tetrachloroethane  
Concen: 36.50 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

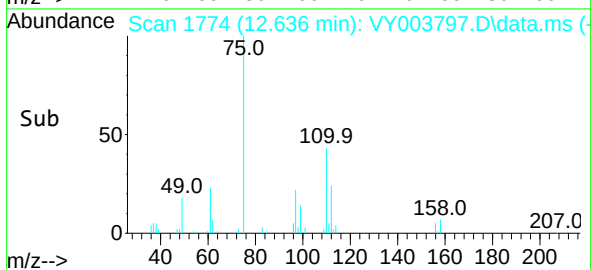
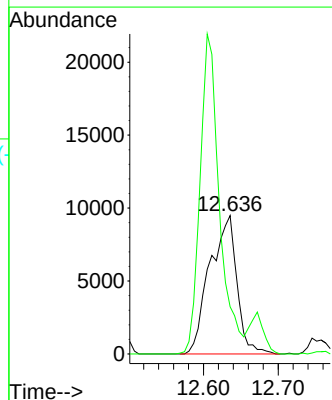
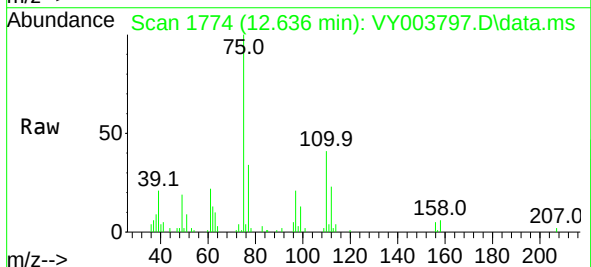
Instrument :  
MSVOA\_Y  
ClientSampled :

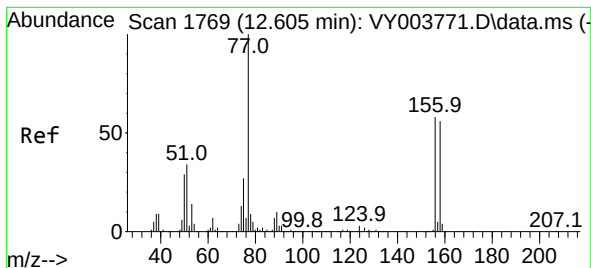
Tgt Ion: 83 Resp: 11632  
Ion Ratio Lower Upper  
83 100  
131 12.4 5.3 15.9  
85 65.5 32.6 98.0



#76  
1,2,3-Trichloropropane  
Concen: 93.43 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion: 75 Resp: 23979  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

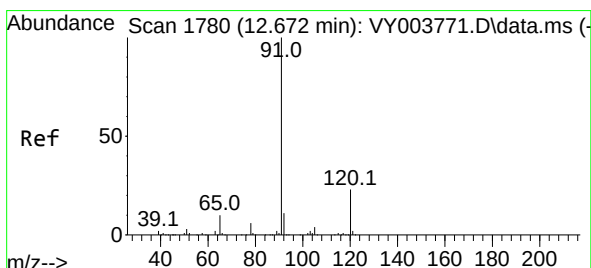
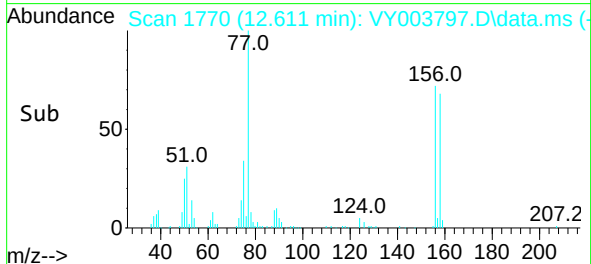
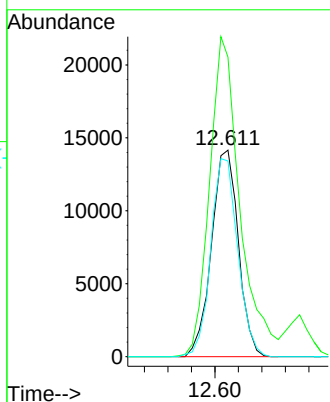
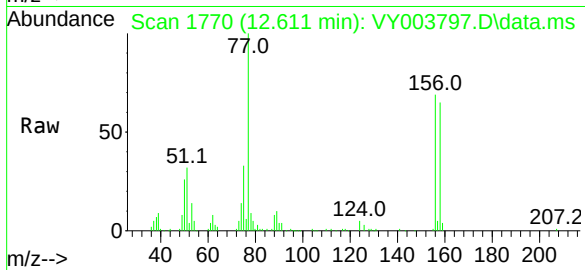




#77  
Bromobenzene  
Concen: 53.13 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.006 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

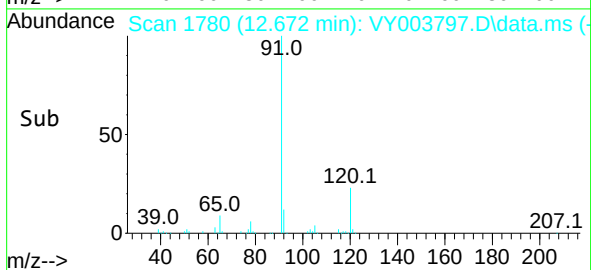
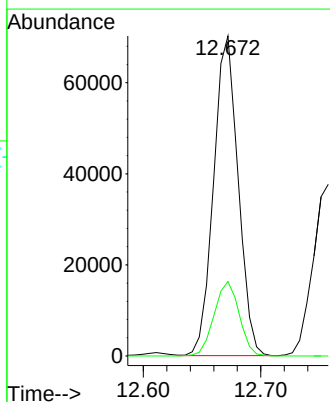
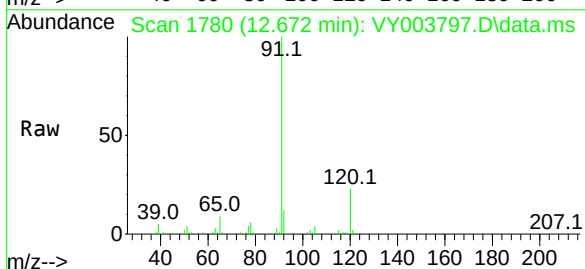
Instrument :  
MSVOA\_Y  
ClientSampled :

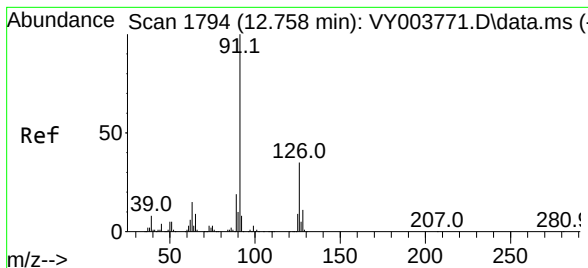
Tgt Ion:156 Resp: 22493  
Ion Ratio Lower Upper  
156 100  
77 175.0 92.7 278.1  
158 95.9 48.4 145.3



#78  
n-propylbenzene  
Concen: 48.60 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion: 91 Resp: 101841  
Ion Ratio Lower Upper  
91 100  
120 23.7 11.6 34.8

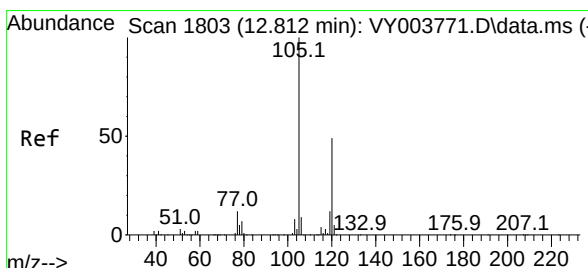
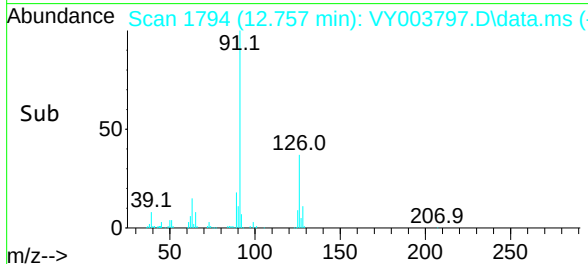
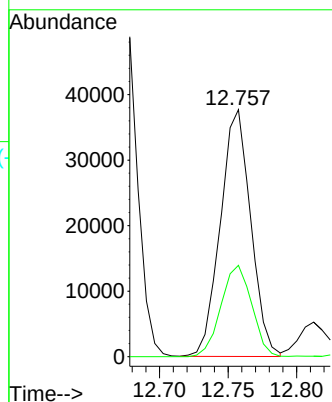
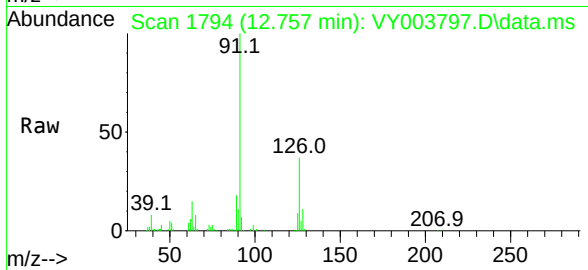




#79  
2-Chlorotoluene  
Concen: 50.25 ug/l  
RT: 12.757 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

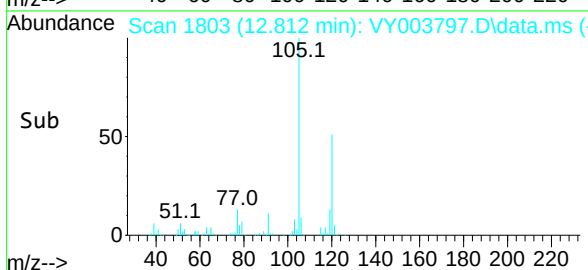
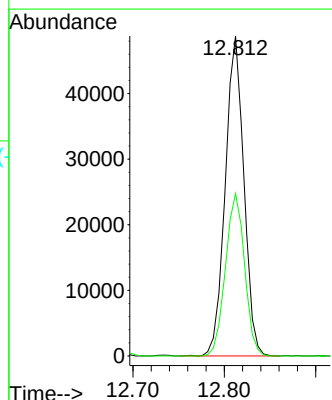
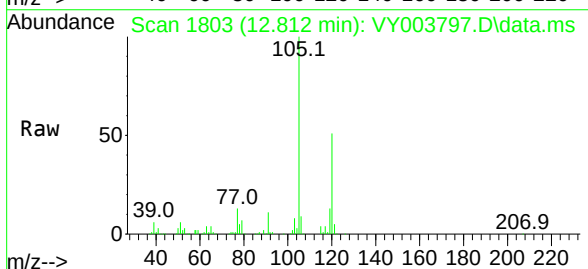
Instrument :  
MSVOA\_Y  
ClientSampleId :

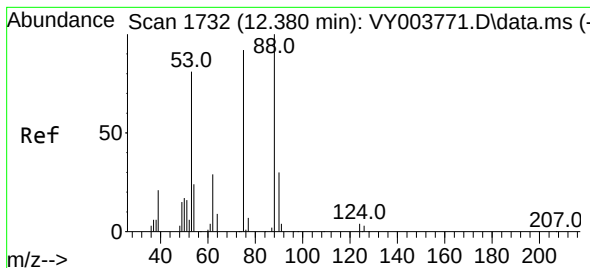
Tgt Ion: 91 Resp: 58114  
Ion Ratio Lower Upper  
91 100  
126 37.4 17.3 52.0



#80  
1,3,5-Trimethylbenzene  
Concen: 48.39 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion: 105 Resp: 69104  
Ion Ratio Lower Upper  
105 100  
120 52.1 24.8 74.4

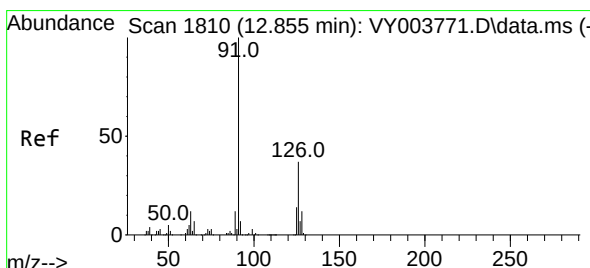
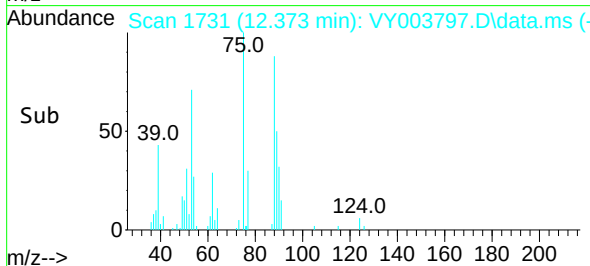
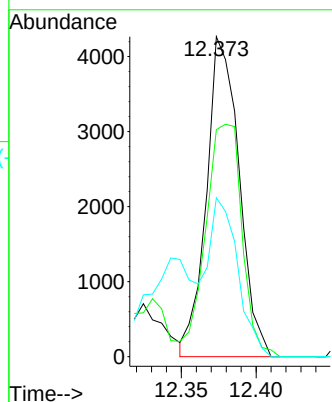
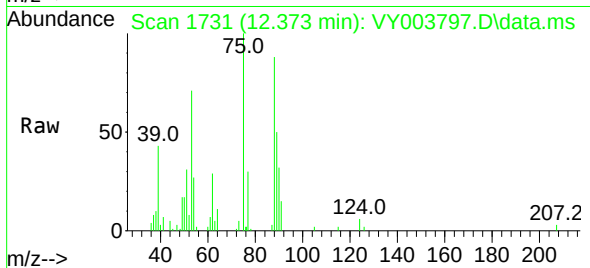




#81  
trans-1,4-Dichloro-2-butene  
Concen: 47.72 ug/l  
RT: 12.373 min Scan# 1731  
Delta R.T. -0.006 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

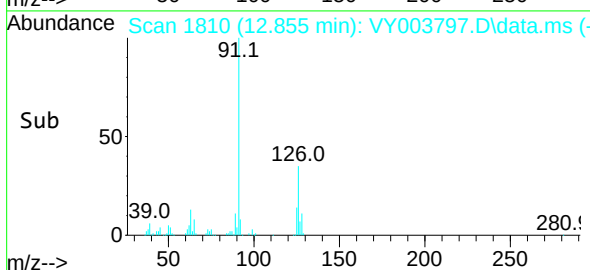
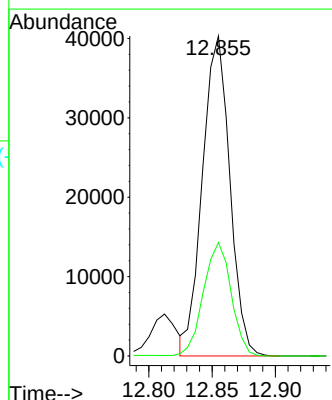
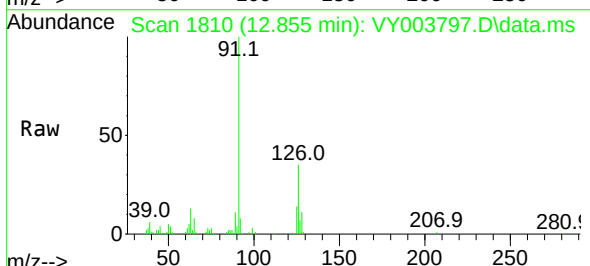
Instrument :  
MSVOA\_Y  
ClientSampleId :

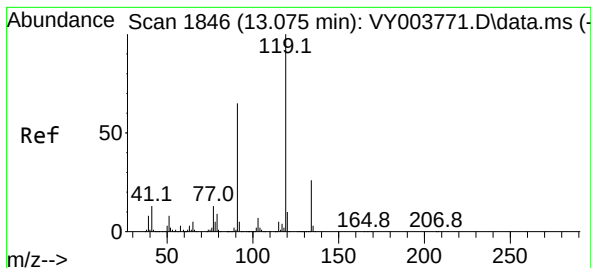
Tgt Ion: 75 Resp: 6468  
Ion Ratio Lower Upper  
75 100  
53 80.6 70.4 105.6  
89 44.6 0.0 0.0#



#82  
4-Chlorotoluene  
Concen: 49.54 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion: 91 Resp: 60703  
Ion Ratio Lower Upper  
91 100  
126 35.9 17.6 52.8

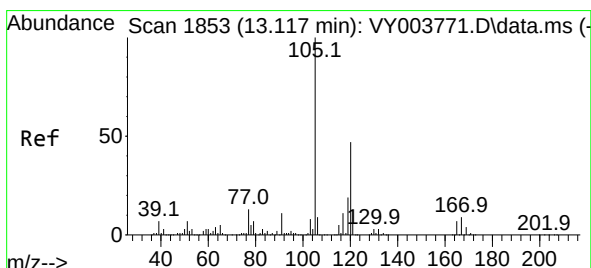
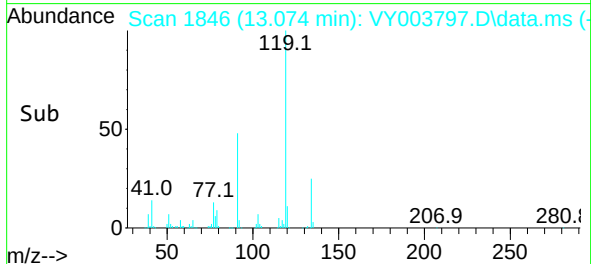
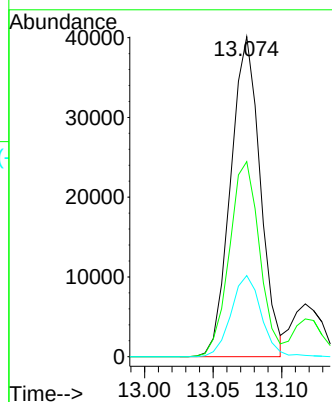
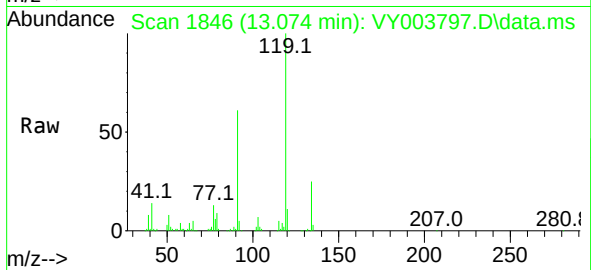




#83  
tert-Butylbenzene  
Concen: 49.15 ug/l  
RT: 13.074 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

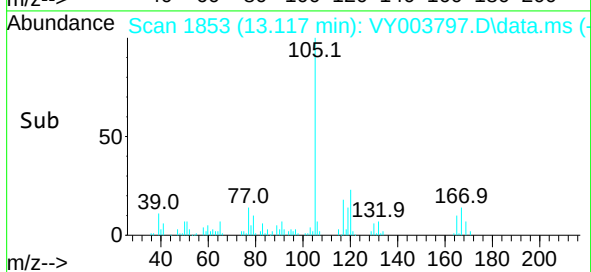
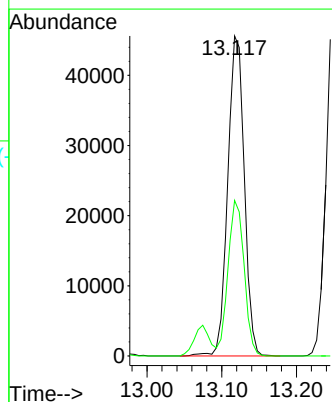
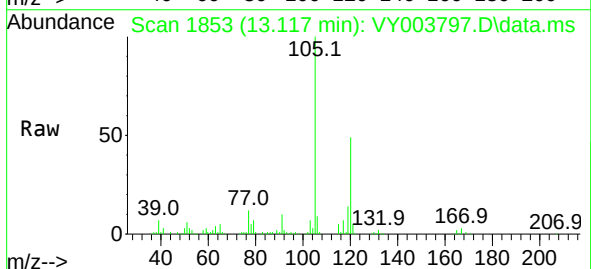
Instrument :  
MSVOA\_Y  
ClientSampleId :

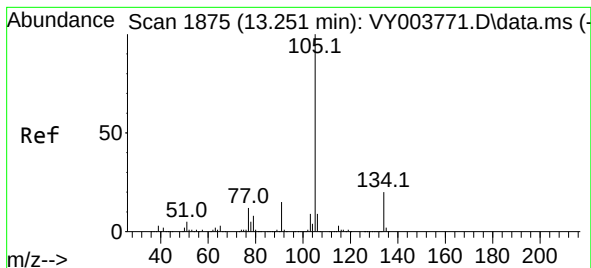
Tgt Ion:119 Resp: 60467  
Ion Ratio Lower Upper  
119 100  
91 62.2 32.0 96.0  
134 25.8 13.2 39.6



#84  
1,2,4-Trimethylbenzene  
Concen: 49.03 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion:105 Resp: 70282  
Ion Ratio Lower Upper  
105 100  
120 47.3 23.2 69.6

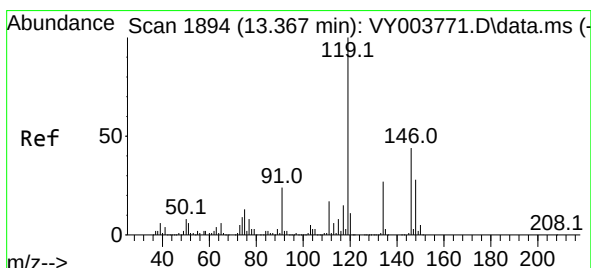
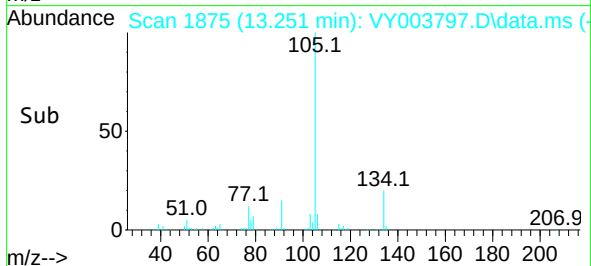
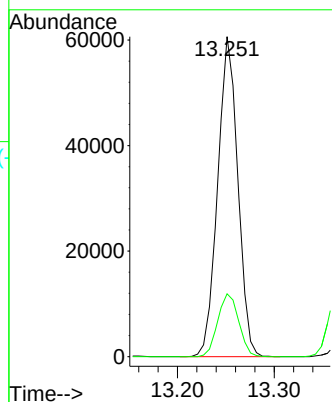
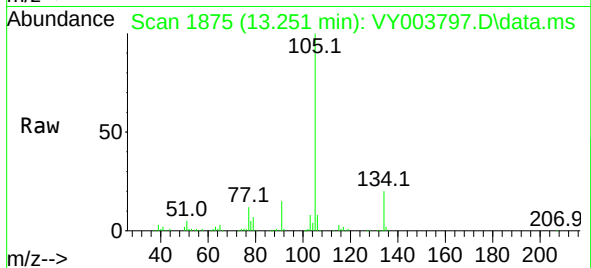




#85  
 sec-Butylbenzene  
 Concen: 49.94 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. -0.000 min  
 Lab File: VY003797.D  
 Acq: 16 Dec 2020 12:18

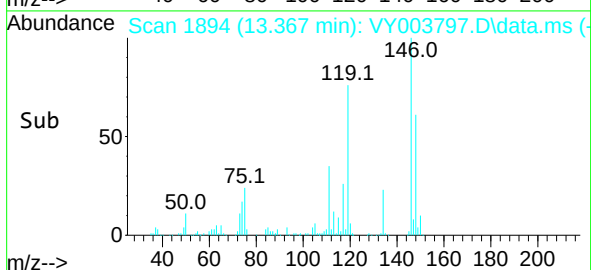
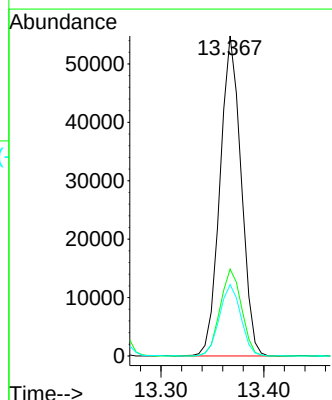
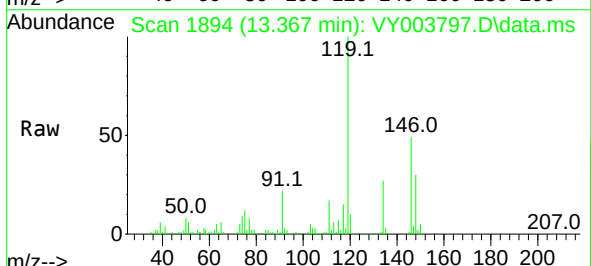
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

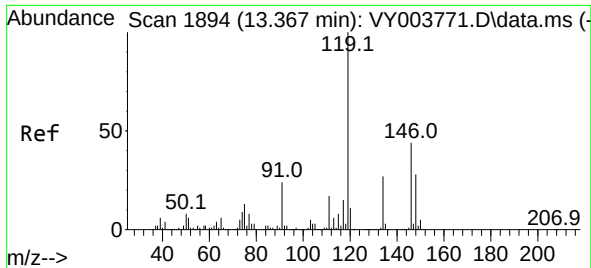
Tgt Ion:105 Resp: 87646  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.3 30.8



#86  
 p-Isopropyltoluene  
 Concen: 49.59 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. -0.000 min  
 Lab File: VY003797.D  
 Acq: 16 Dec 2020 12:18

Tgt Ion:119 Resp: 78135  
 Ion Ratio Lower Upper  
 119 100  
 134 27.5 13.4 40.2  
 91 22.5 11.7 35.0

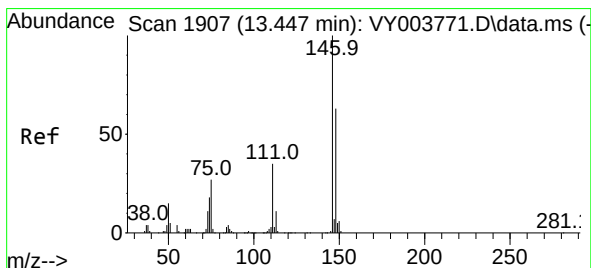
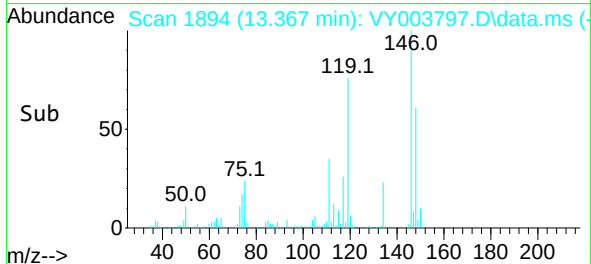
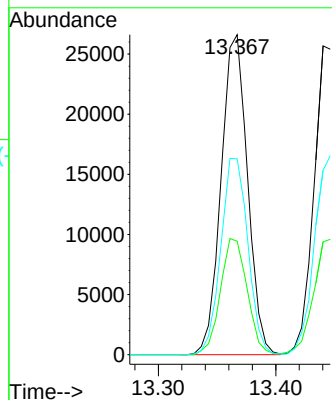
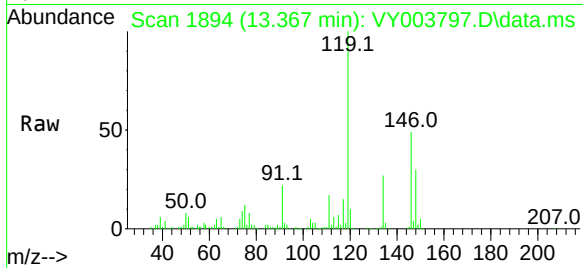




#87  
1,3-Dichlorobenzene  
Concen: 51.73 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

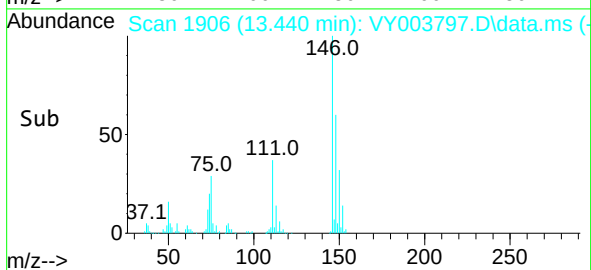
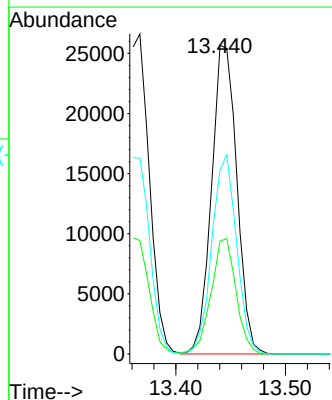
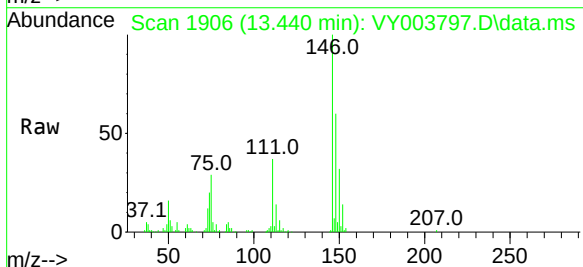
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:146 Resp: 41578  
Ion Ratio Lower Upper  
146 100  
111 36.7 19.4 58.1  
148 62.9 31.5 94.5

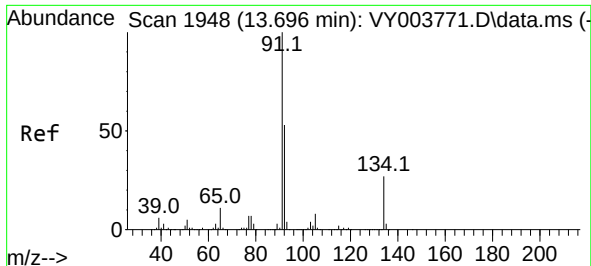


#88  
1,4-Dichlorobenzene  
Concen: 51.02 ug/l  
RT: 13.440 min Scan# 1906  
Delta R.T. -0.006 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion:146 Resp: 41214  
Ion Ratio Lower Upper  
146 100  
111 36.8 19.3 57.8  
148 63.1 31.3 93.8



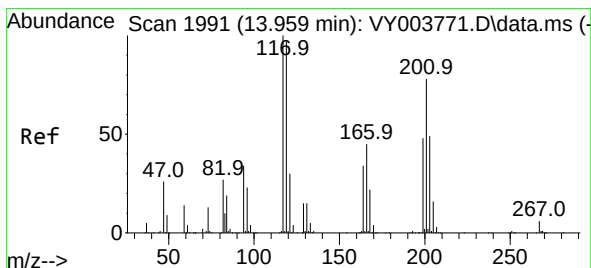
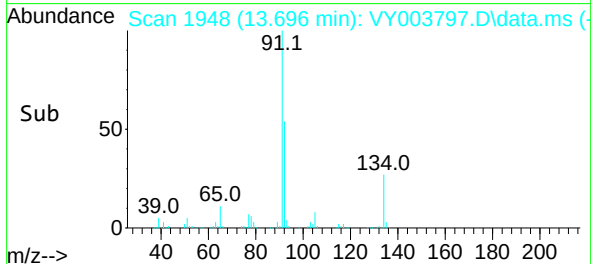
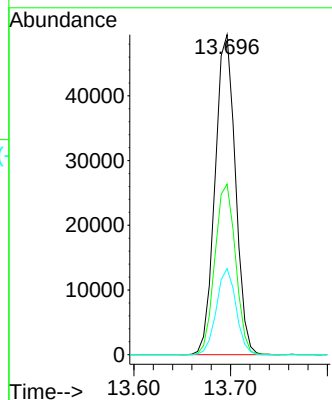
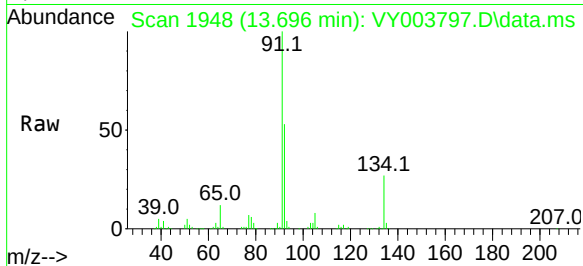




#89  
n-Butylbenzene  
Concen: 47.65 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

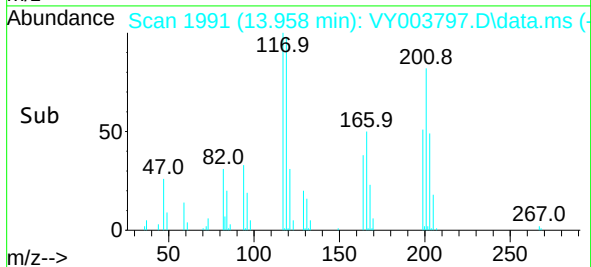
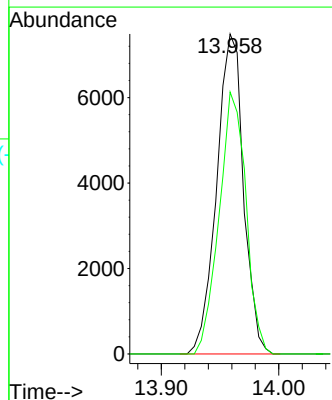
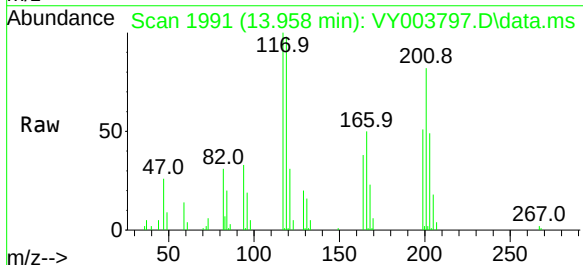
Instrument :  
MSVOA\_Y  
ClientSampleId :

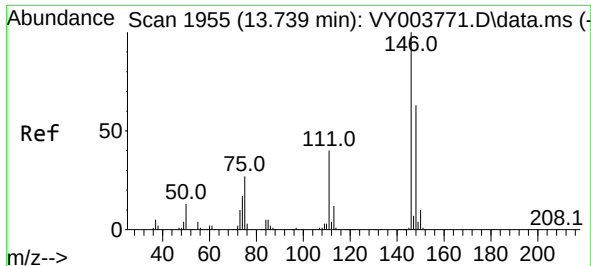
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 72037 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 54.2  | 26.9  | 80.7  |
| 134      | 26.0  | 13.4  | 40.1  |



#90  
Hexachloroethane  
Concen: 40.95 ug/l  
RT: 13.958 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 11881 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 81.9  | 39.6  | 119.0 |

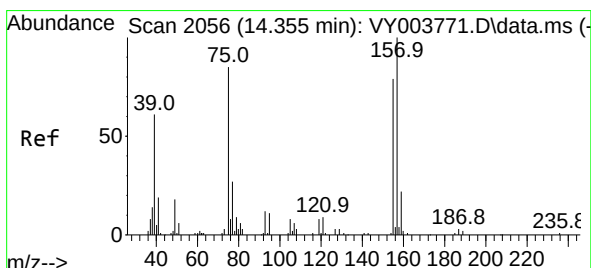
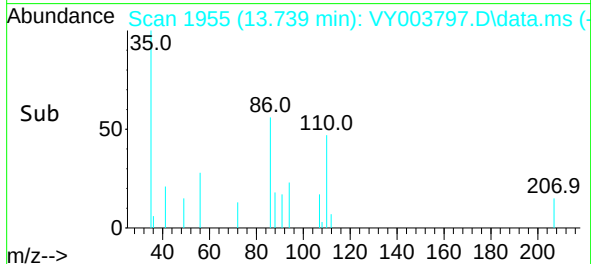
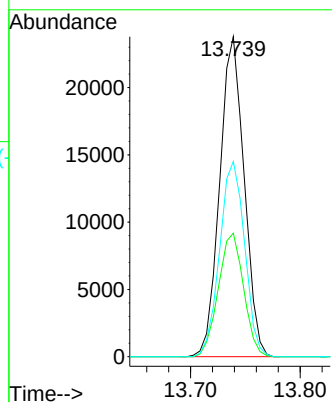
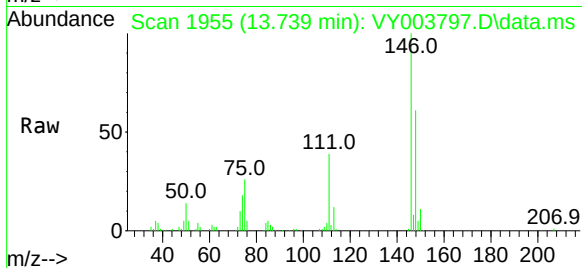




#91  
1,2-Dichlorobenzene  
Concen: 50.40 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

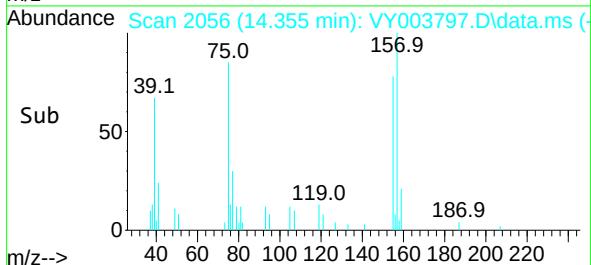
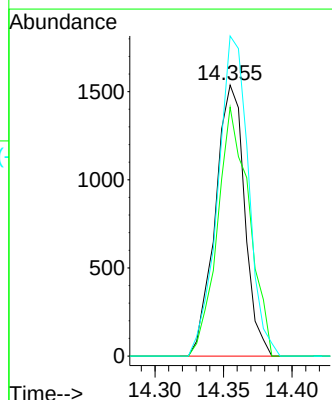
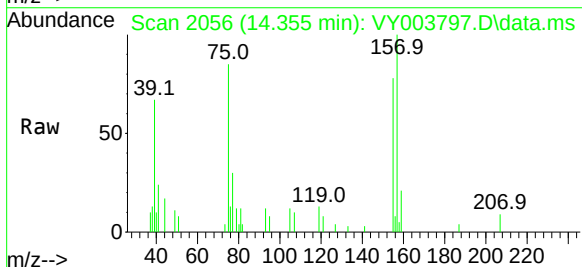
Instrument :  
MSVOA\_Y  
ClientSampleId :

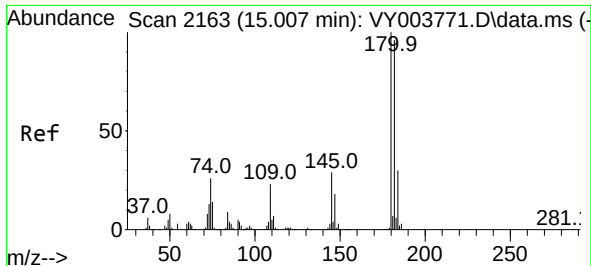
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 36854 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 39.8  | 19.8  | 59.3  |
| 148       | 62.4  | 31.3  | 93.9  |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 39.45 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 2294  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 98.7  | 46.3  | 138.9 |
| 157       | 122.8 | 59.3  | 177.8 |

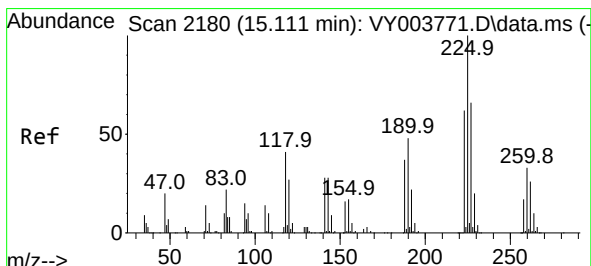
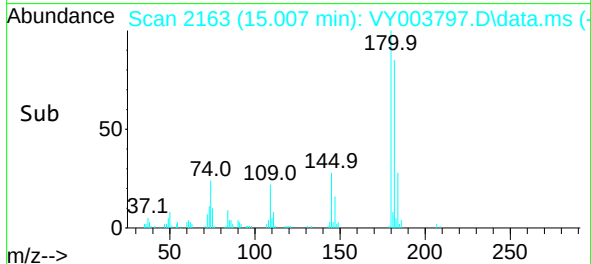
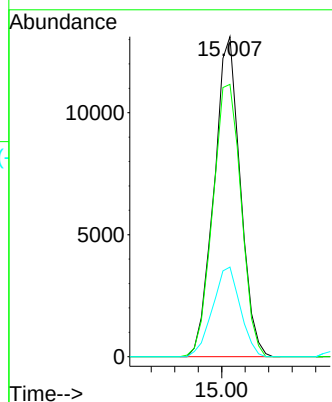
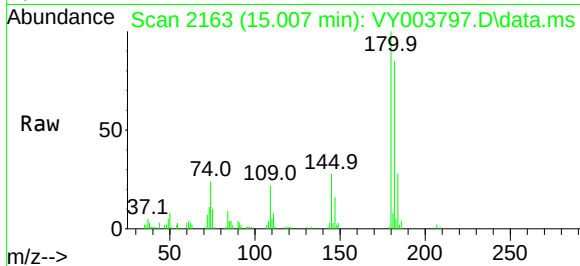




#93  
1,2,4-Trichlorobenzene  
Concen: 41.91 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

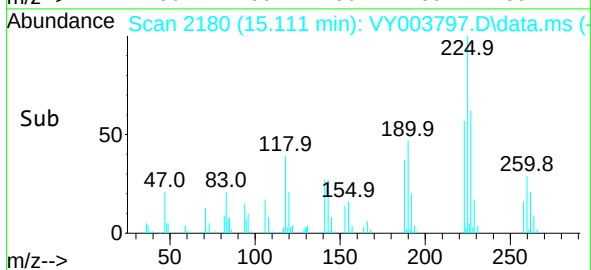
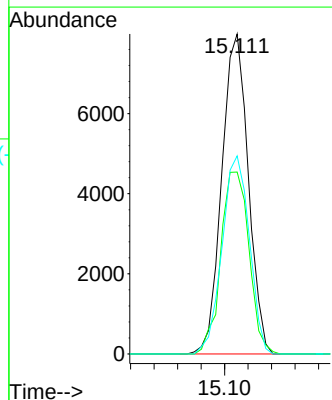
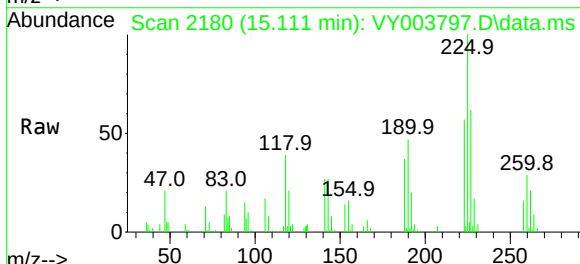
Instrument :  
MSVOA\_Y  
ClientSampleId :

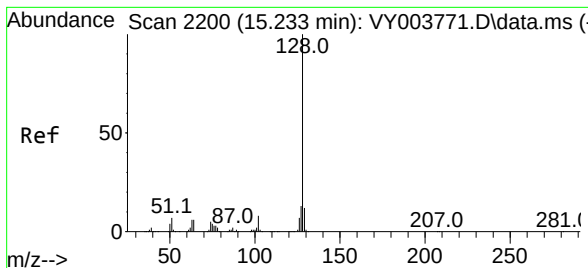
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 20339 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 91.9  | 47.3  | 141.8 |
| 145       | 29.6  | 14.5  | 43.5  |



#94  
Hexachlorobutadiene  
Concen: 46.16 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 12502 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 60.6  | 31.3  | 93.8  |
| 227       | 63.7  | 31.3  | 93.9  |

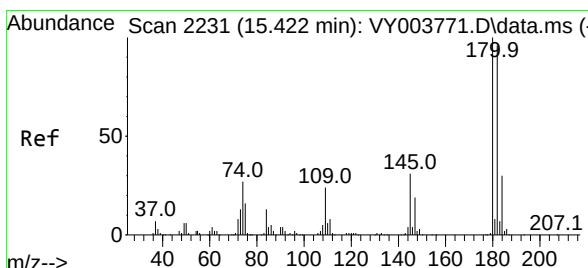
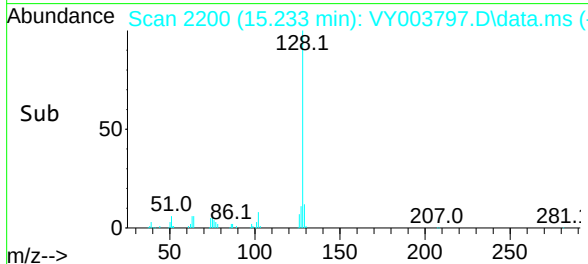
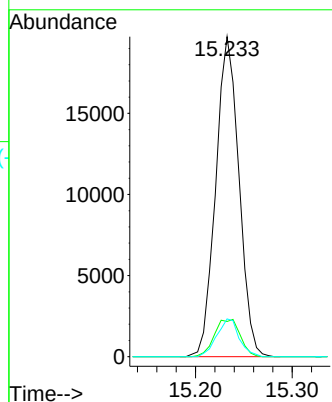
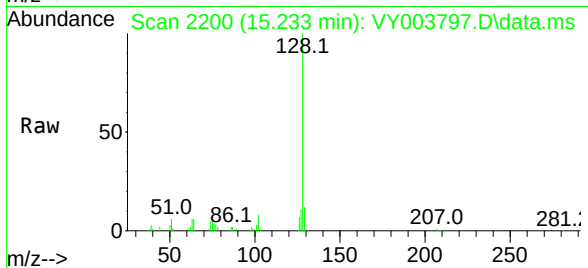




#95  
Naphthalene  
Concen: 34.60 ug/l  
RT: 15.233 min Scan# 2200  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:128 Resp: 32898  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.3 15.5  
129 11.4 9.0 13.4



#96  
1,2,3-Trichlorobenzene  
Concen: 37.02 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.000 min  
Lab File: VY003797.D  
Acq: 16 Dec 2020 12:18

Tgt Ion:180 Resp: 15592  
Ion Ratio Lower Upper  
180 100  
182 95.1 47.9 143.8  
145 32.1 15.4 46.1

