

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY020321\  
 Data File : VY003977.D  
 Acq On : 03 Feb 2021 22:07  
 Operator : SY/MD  
 Sample : M1291-13MS  
 Misc : 8.29g/5mL/MSVOA\_Y/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Feb 04 01:24:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y012821S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 01 00:38:02 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.801  | 168  | 93769    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.697  | 114  | 137078   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 125672   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 59499    | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.155  | 65    | 49900    | 48.39    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 96.78%  |
| 35) Dibromofluoromethane    | 7.728  | 113   | 43233    | 53.94    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 107.88% |
| 50) Toluene-d8              | 10.185 | 98    | 161009   | 51.19    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 102.38% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 55897    | 48.75    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 97.50%  |

|                              |       |     |        |        |        |        |
|------------------------------|-------|-----|--------|--------|--------|--------|
| Target Compounds             |       |     |        |        |        | Qvalue |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 38001  | 40.88  | ug/l   | 99     |
| 3) Chloromethane             | 2.119 | 50  | 44405  | 37.93  | ug/l   | 95     |
| 4) Vinyl Chloride            | 2.260 | 62  | 49224  | 40.33  | ug/l   | 97     |
| 5) Bromomethane              | 2.662 | 94  | 37922  | 43.62  | ug/l   | 93     |
| 6) Chloroethane              | 2.802 | 64  | 33139  | 43.32  | ug/l   | 96     |
| 7) Trichlorofluoromethane    | 3.137 | 101 | 79168  | 46.80  | ug/l   | 94     |
| 8) Diethyl Ether             | 3.540 | 74  | 24691  | 46.66  | ug/l   | 91     |
| 9) 1,1,2-Trichlorotrifluo... | 3.918 | 101 | 41773  | 47.85  | ug/l   | 96     |
| 10) Methyl Iodide            | 4.107 | 142 | 52026  | 48.17  | ug/l   | 98     |
| 11) Tert butyl alcohol       | 4.979 | 59  | 19349  | 200.78 | ug/l # | 90     |
| 12) 1,1-Dichloroethene       | 3.887 | 96  | 40079  | 47.36  | ug/l   | 96     |
| 13) Acrolein                 | 3.741 | 56  | 17663  | 185.82 | ug/l   | 96     |
| 14) Allyl chloride           | 4.497 | 41  | 70826  | 45.45  | ug/l   | 98     |
| 15) Acrylonitrile            | 5.180 | 53  | 60306  | 223.94 | ug/l   | 98     |
| 16) Acetone                  | 3.960 | 43  | 47241  | 186.64 | ug/l   | 96     |
| 17) Carbon Disulfide         | 4.204 | 76  | 122929 | 44.19  | ug/l   | 97     |
| 18) Methyl Acetate           | 4.491 | 43  | 48837  | 77.41  | ug/l   | 94     |
| 19) Methyl tert-butyl Ether  | 5.241 | 73  | 122823 | 47.52  | ug/l   | 94     |
| 20) Methylene Chloride       | 4.729 | 84  | 47200  | 43.92  | ug/l   | 94     |
| 21) trans-1,2-Dichloroethene | 5.235 | 96  | 46080  | 47.31  | ug/l   | 93     |
| 22) Diisopropyl ether        | 6.137 | 45  | 143519 | 46.28  | ug/l   | 93     |
| 23) Vinyl Acetate            | 6.076 | 43  | 321916 | 152.36 | ug/l   | 97     |
| 24) 1,1-Dichloroethane       | 6.039 | 63  | 79816  | 46.44  | ug/l   | 99     |
| 25) 2-Butanone               | 7.003 | 43  | 74937  | 207.80 | ug/l   | 91     |
| 26) 2,2-Dichloropropane      | 6.990 | 77  | 72116  | 44.03  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene   | 7.003 | 96  | 50826  | 47.02  | ug/l   | 97     |
| 28) Bromochloromethane       | 7.344 | 49  | 36519  | 49.32  | ug/l # | 18     |
| 29) Tetrahydrofuran          | 7.356 | 42  | 50008  | 217.56 | ug/l   | 89     |
| 30) Chloroform               | 7.515 | 83  | 84961  | 47.03  | ug/l   | 98     |
| 31) Cyclohexane              | 7.795 | 56  | 71383  | 41.23  | ug/l   | 94     |
| 32) 1,1,1-Trichloroethane    | 7.710 | 97  | 79393  | 47.64  | ug/l   | 96     |
| 36) 1,1-Dichloropropene      | 7.929 | 75  | 63242  | 45.62  | ug/l   | 99     |
| 37) Ethyl Acetate            | 7.088 | 43  | 32749  | 41.76  | ug/l   | 96     |
| 38) Carbon Tetrachloride     | 7.911 | 117 | 70951  | 47.36  | ug/l   | 95     |
| 39) Methylcyclohexane        | 9.191 | 83  | 72544  | 43.90  | ug/l   | 95     |
| 40) Benzene                  | 8.167 | 78  | 181283 | 47.30  | ug/l   | 98     |

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 ClientSampleId :

Quant Time: Feb 04 01:24:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y012821S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 01 00:38:02 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.356  | 41   | 48080    | 92.95  | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 61273    | 46.44  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.283  | 43   | 64944    | 42.57  | ug/l   | 93       |
| 44) Trichloroethene           | 8.947  | 130  | 51679    | 48.80  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 45068    | 47.50  | ug/l   | 100      |
| 46) Dibromomethane            | 9.313  | 93   | 26855    | 49.54  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.502  | 83   | 67160    | 47.90  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.295  | 41   | 34361    | 46.11  | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 5531     | 959.39 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 174125   | 223.49 | ug/l   | 93       |
| 52) Toluene                   | 10.246 | 92   | 115805   | 47.87  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 68102    | 46.12  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 77076    | 47.07  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 37275    | 49.61  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 47370    | 44.16  | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 64354    | 47.81  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 113319   | 232.97 | ug/l   | 95       |
| 59) 2-Hexanone                | 10.837 | 43   | 120965   | 221.50 | ug/l   | 93       |
| 60) Dibromochloromethane      | 10.990 | 129  | 49450    | 50.49  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 36379    | 48.39  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.721 | 164  | 55288    | 49.06  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.520 | 112  | 119954   | 47.09  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 49596    | 49.91  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.593 | 91   | 223899   | 46.88  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.703 | 106  | 164453   | 92.91  | ug/l   | 100      |
| 69) o-Xylene                  | 12.032 | 106  | 78990    | 47.97  | ug/l   | 97       |
| 70) Styrene                   | 12.044 | 104  | 131887   | 46.42  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 32308    | 50.80  | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.331 | 105  | 214799   | 50.44  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 48592    | 38.82  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 40438    | 52.36  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 57719    | 96.29  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 54225    | 51.37  | ug/l   | 93       |
| 78) n-propylbenzene           | 12.672 | 91   | 241853   | 47.73  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 139895   | 48.21  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 178748   | 48.91  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 15327    | 48.87  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 143329   | 46.70  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 154121   | 50.72  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 176926   | 48.30  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 201978   | 47.97  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 186159   | 47.39  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 92668    | 46.58  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 91675    | 46.66  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 155329   | 42.59  | ug/l   | 100      |
| 90) Hexachloroethane          | 13.965 | 117  | 35370    | 49.19  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 83398    | 47.05  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 7550     | 47.42  | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 44969    | 36.66  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 30519    | 38.71  | ug/l   | 100      |
| 95) Naphthalene               | 15.239 | 128  | 83950    | 36.46  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 38028    | 35.98  | ug/l   | 99       |

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QLast Update : Mon Feb 01 00:38:02 2021  
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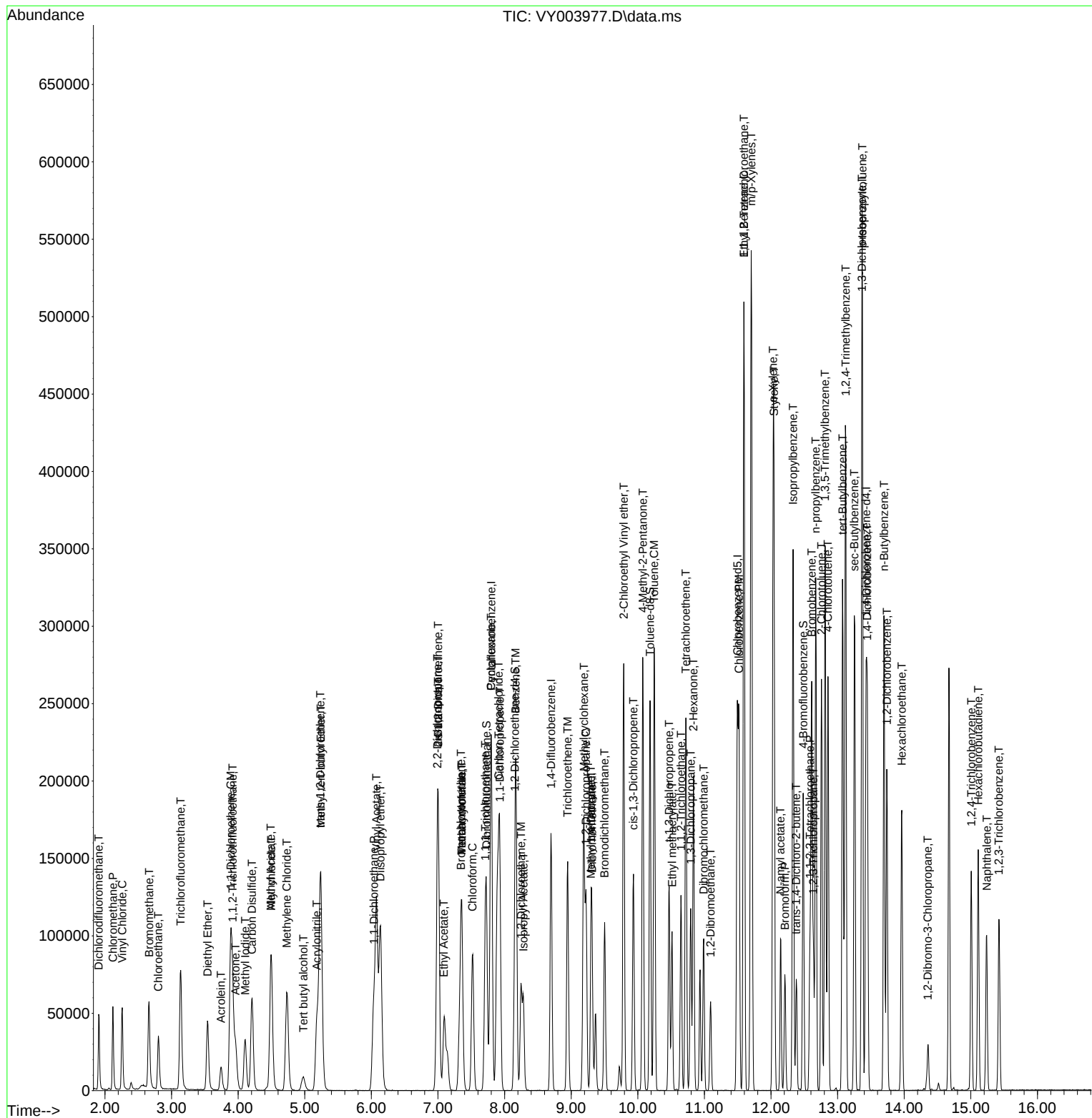
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

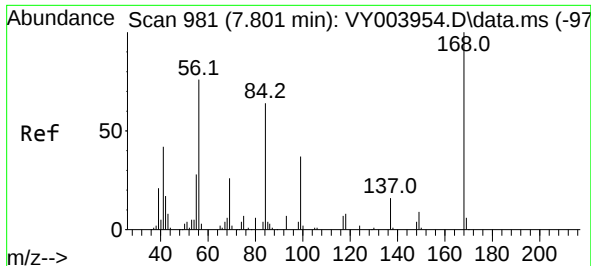
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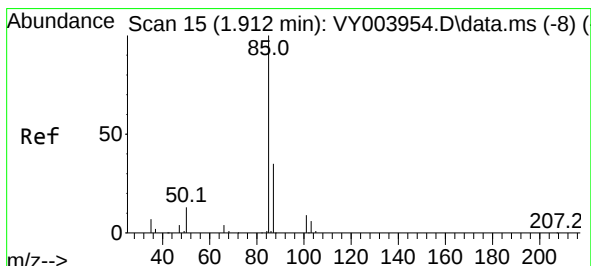
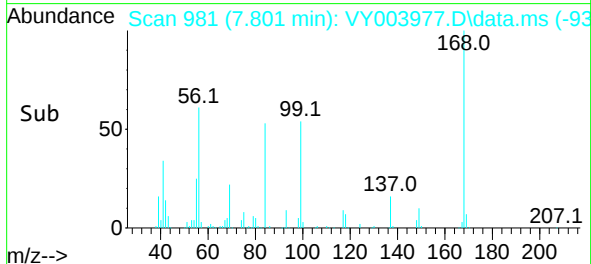
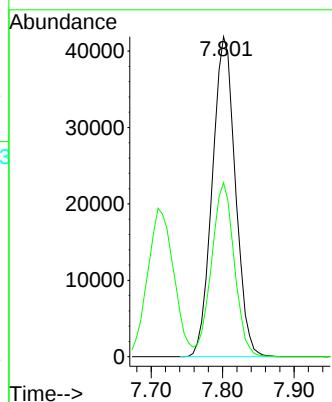
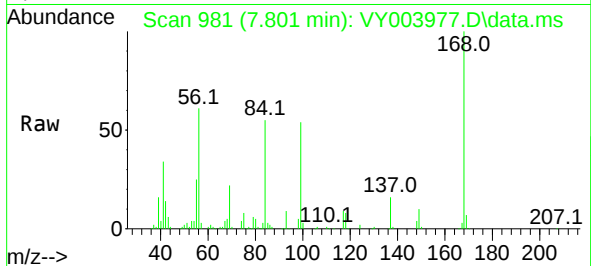




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

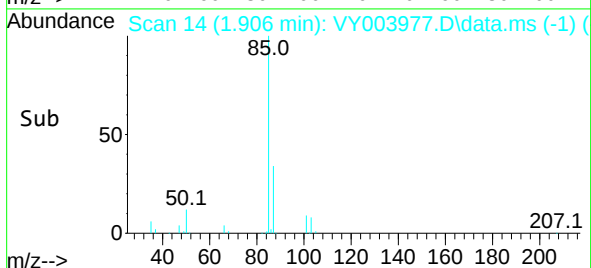
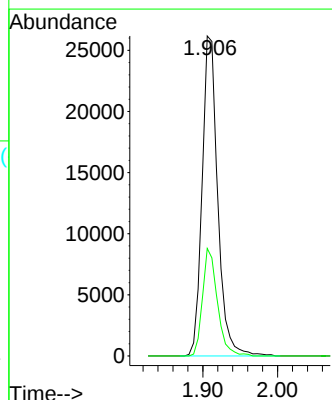
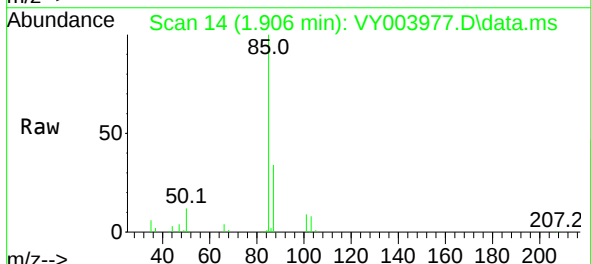
Instrument :  
MSVOA\_Y  
ClientSampled :

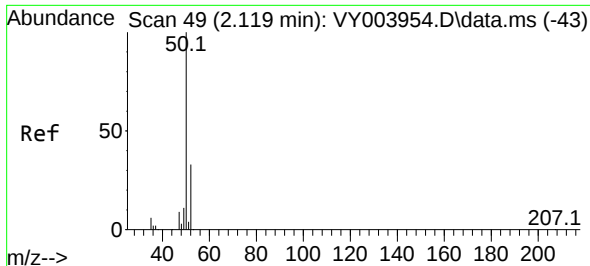
Tgt Ion:168 Resp: 93769  
Ion Ratio Lower Upper  
168 100  
99 54.4 46.1 69.1



#2  
Dichlorodifluoromethane  
Concen: 40.88 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion: 85 Resp: 38001  
Ion Ratio Lower Upper  
85 100  
87 33.6 17.0 51.0

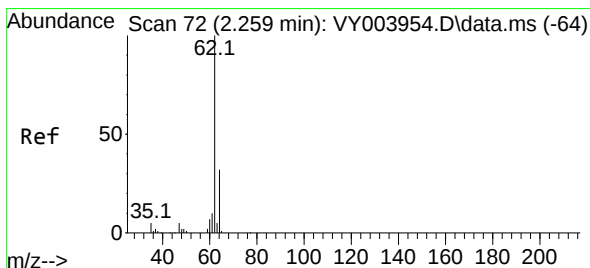
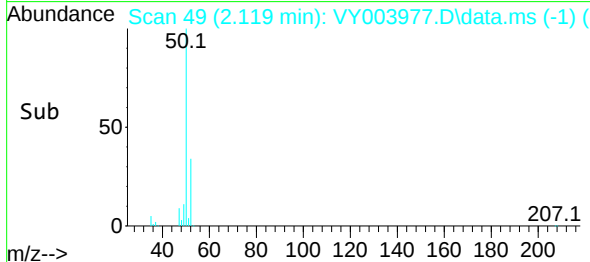
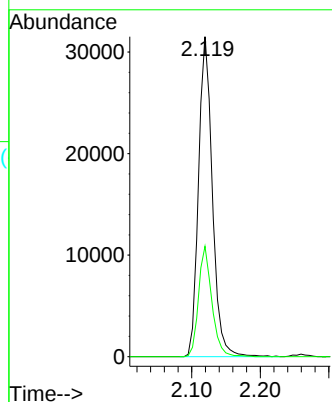
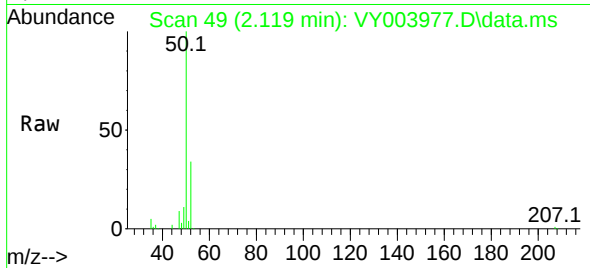




#3  
Chloromethane  
Concen: 37.93 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

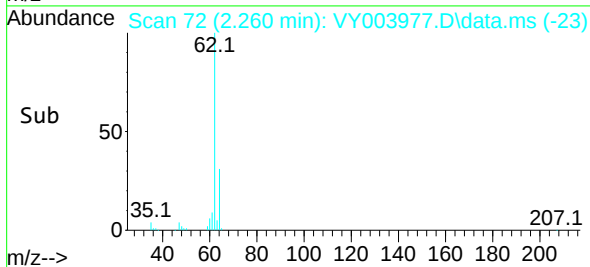
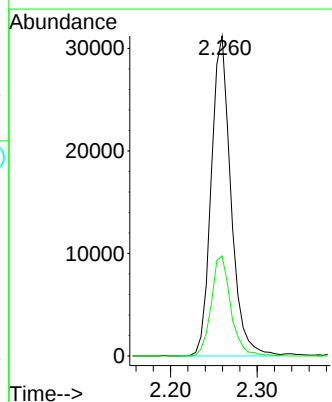
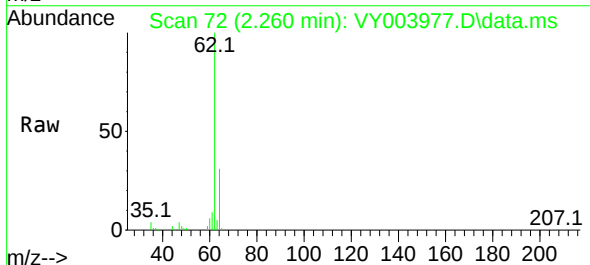
Instrument :  
MSVOA\_Y  
ClientSampled :

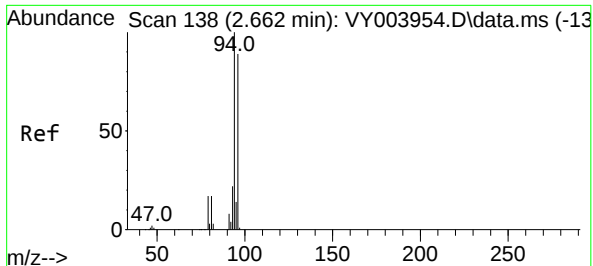
Tgt Ion: 50 Resp: 44405  
Ion Ratio Lower Upper  
50 100  
52 34.5 25.2 37.8



#4  
Vinyl Chloride  
Concen: 40.33 ug/l  
RT: 2.260 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
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Tgt Ion: 62 Resp: 49224  
Ion Ratio Lower Upper  
62 100  
64 31.2 26.2 39.2

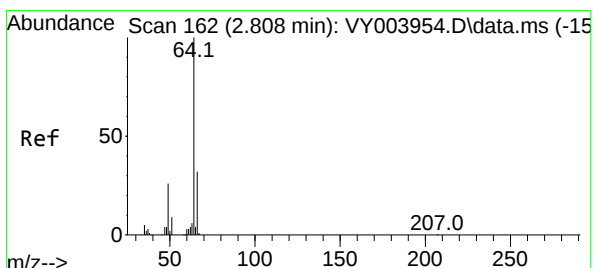
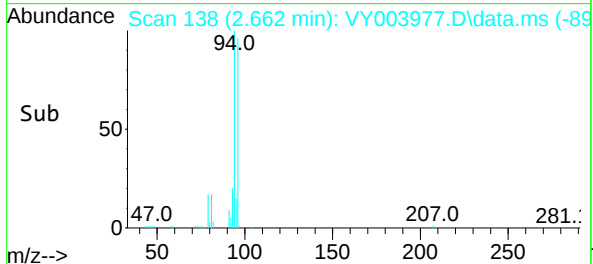
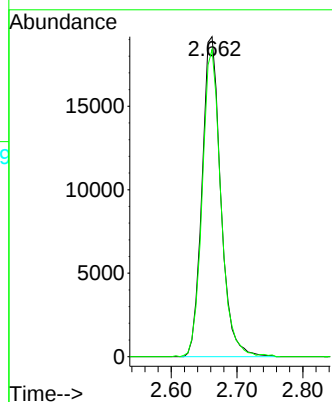
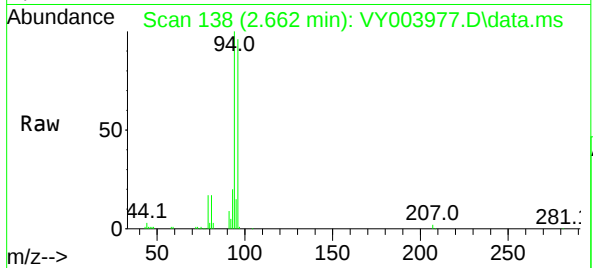




#5  
Bromomethane  
Concen: 43.62 ug/l  
RT: 2.662 min Scan# 138  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

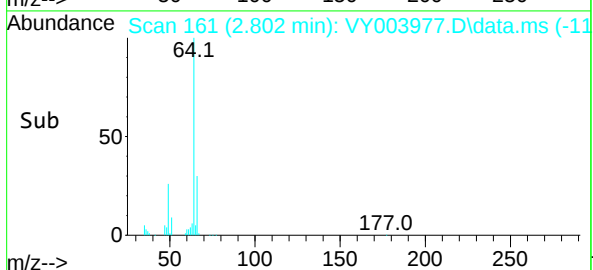
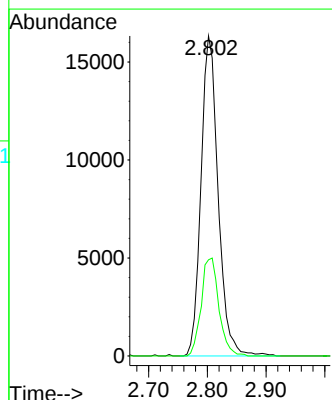
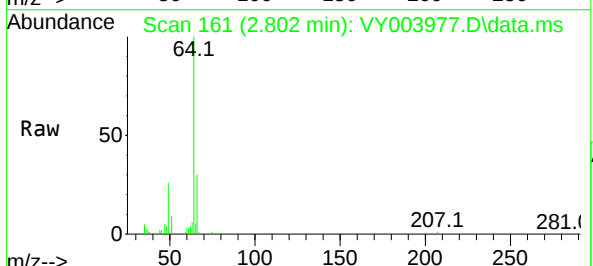
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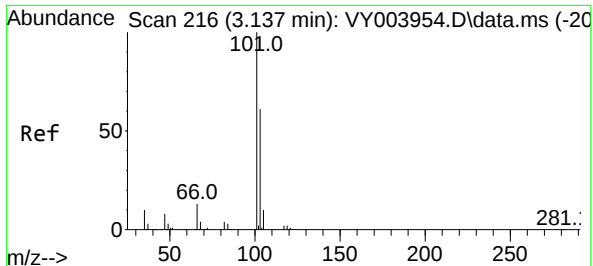
Tgt Ion: 94 Resp: 37922  
Ion Ratio Lower Upper  
94 100  
96 96.0 71.4 107.0



#6  
Chloroethane  
Concen: 43.32 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. -0.006 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion: 64 Resp: 33139  
Ion Ratio Lower Upper  
64 100  
66 30.0 25.6 38.4

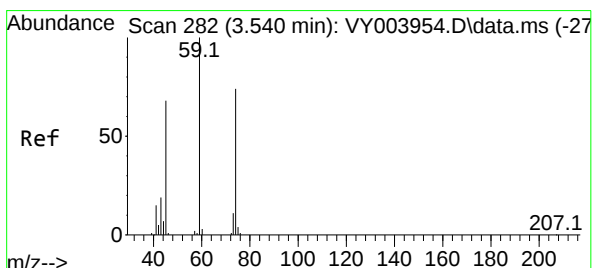
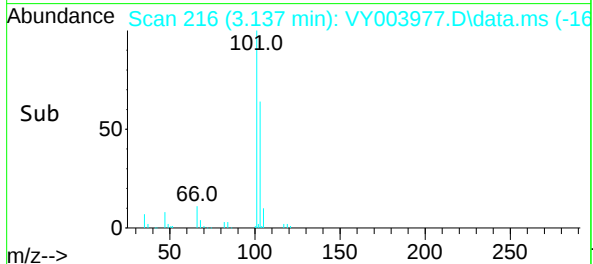
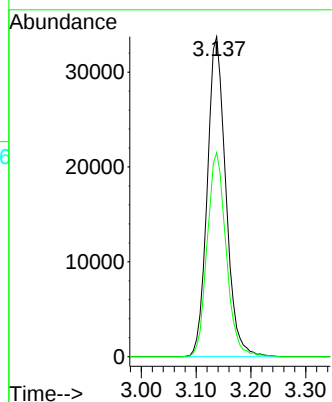
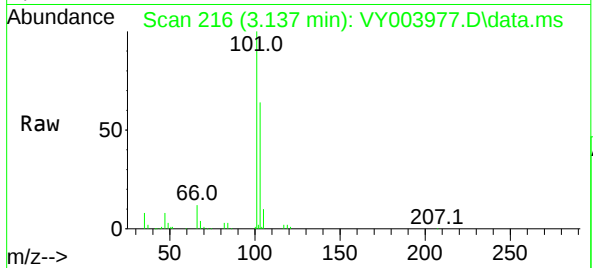




#7  
Trichlorofluoromethane  
Concen: 46.80 ug/l  
RT: 3.137 min Scan# 216  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

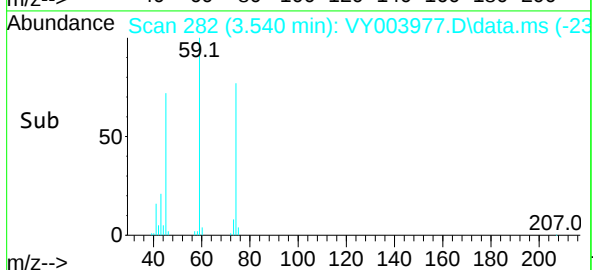
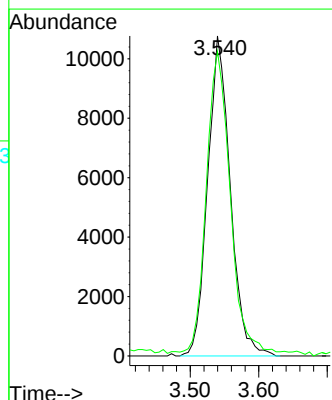
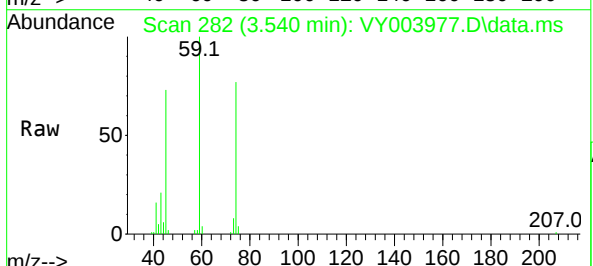
Instrument :  
MSVOA\_Y  
ClientSampled :

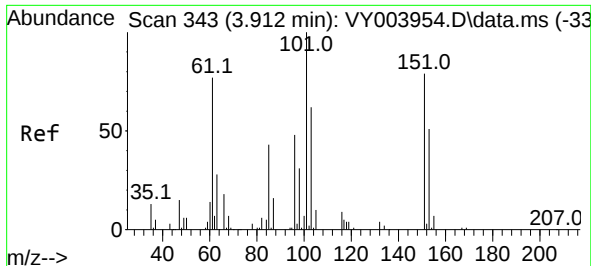
Tgt Ion:101 Resp: 79168  
Ion Ratio Lower Upper  
101 100  
103 63.8 47.4 71.0



#8  
Diethyl Ether  
Concen: 46.66 ug/l  
RT: 3.540 min Scan# 282  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

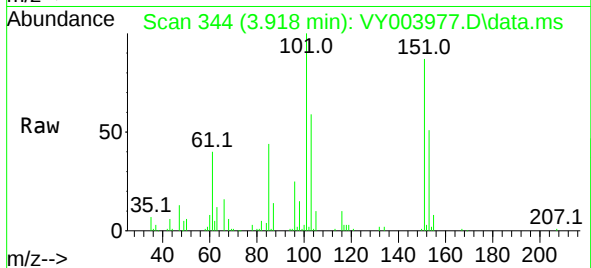
Tgt Ion: 74 Resp: 24691  
Ion Ratio Lower Upper  
74 100  
45 97.0 53.0 159.0



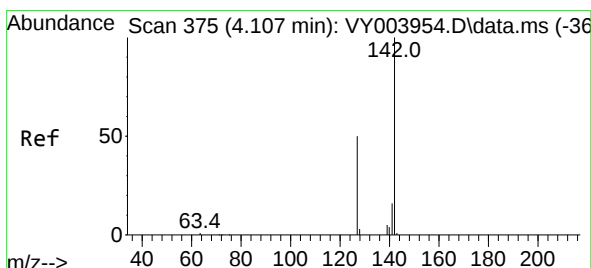
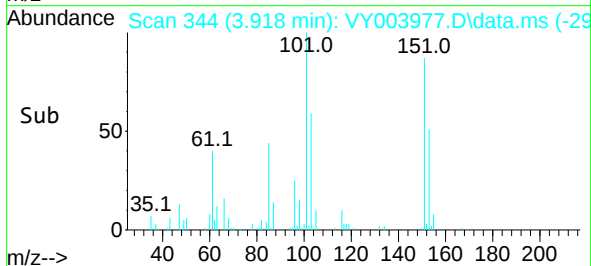
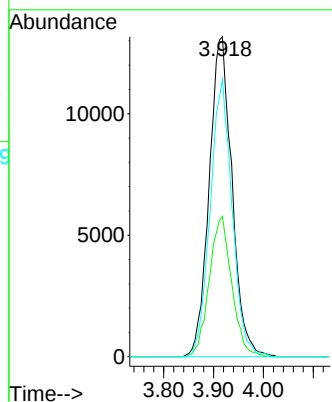


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.85 ug/l  
RT: 3.918 min Scan# 344  
Delta R.T. 0.006 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Instrument :  
MSVOA\_Y  
ClientSampled :

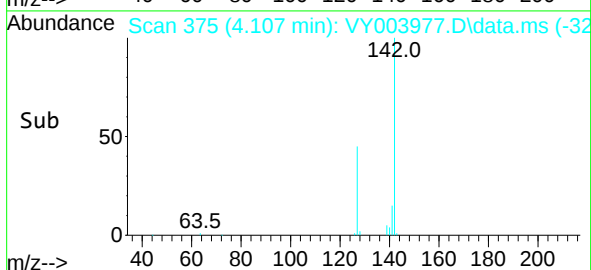
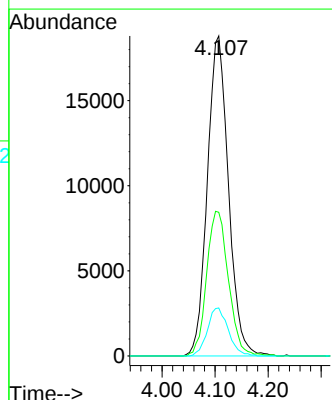
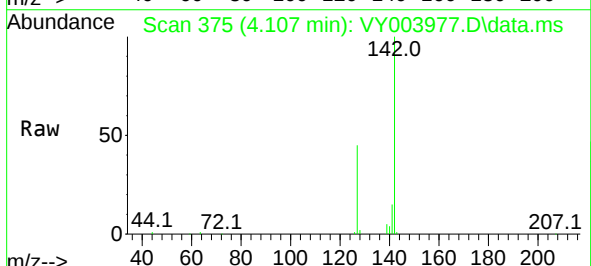


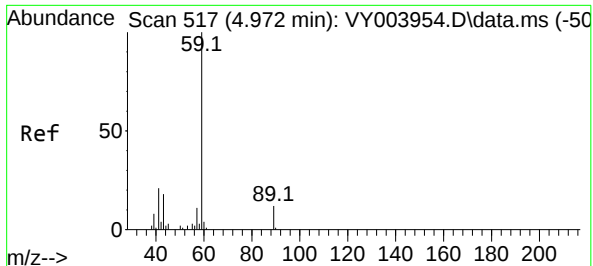
Tgt Ion:101 Resp: 41773  
Ion Ratio Lower Upper  
101 100  
85 43.3 37.0 55.4  
151 83.4 63.6 95.4



#10  
Methyl Iodide  
Concen: 48.17 ug/l  
RT: 4.107 min Scan# 375  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion:142 Resp: 52026  
Ion Ratio Lower Upper  
142 100  
127 46.7 38.7 58.1  
141 14.8 12.7 19.1



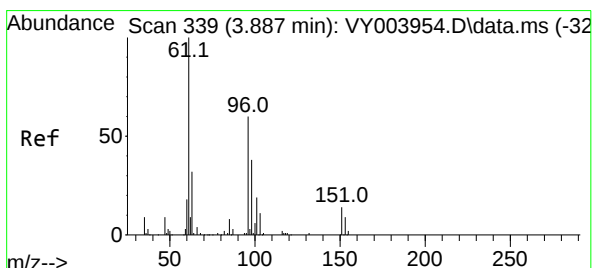
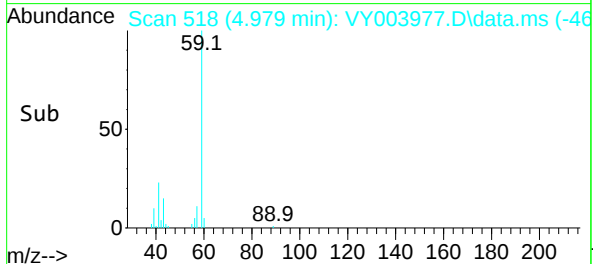
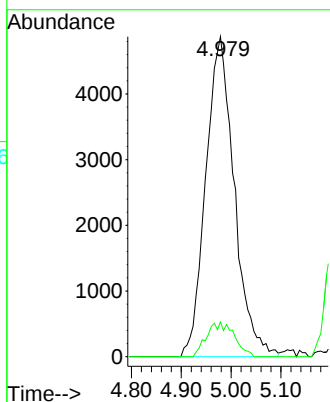
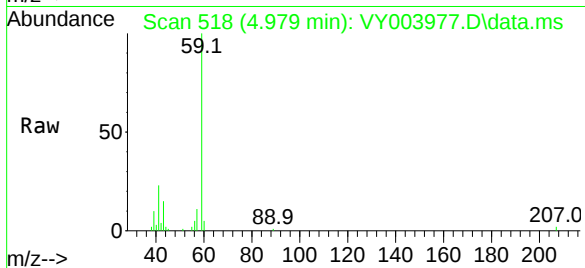


#11

Tert butyl alcohol  
Concen: 200.78 ug/l  
RT: 4.979 min Scan# 518  
Delta R.T. 0.007 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Instrument :  
MSVOA\_Y  
ClientSampled :

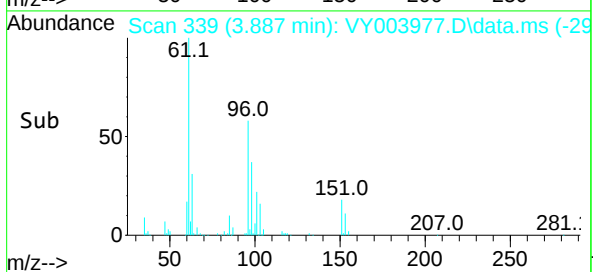
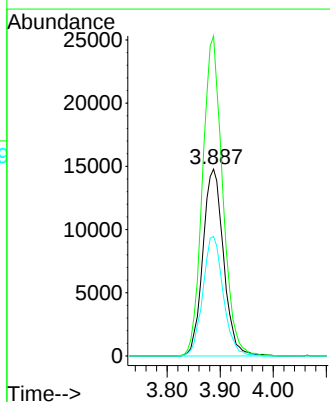
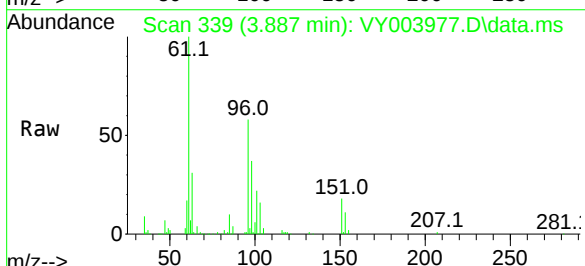
Tgt Ion: 59 Resp: 19349  
Ion Ratio Lower Upper  
59 100  
57 4.6 6.4 9.6#

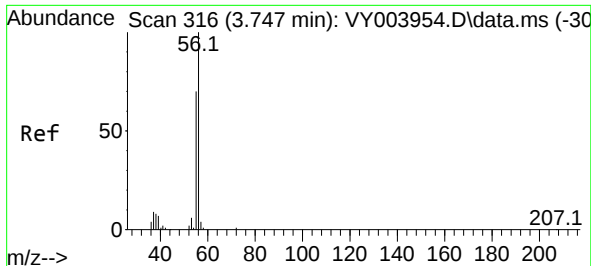


#12

1,1-Dichloroethene  
Concen: 47.36 ug/l  
RT: 3.887 min Scan# 339  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion: 96 Resp: 40079  
Ion Ratio Lower Upper  
96 100  
61 171.2 132.9 199.3  
98 63.9 48.6 73.0

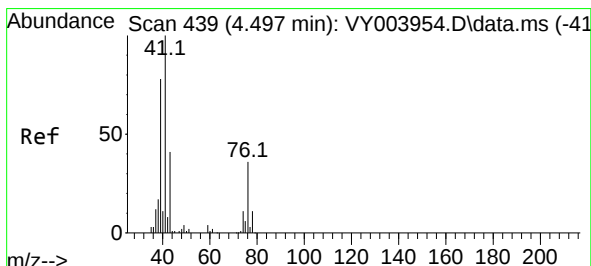
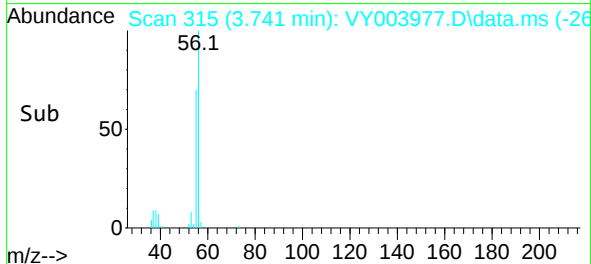
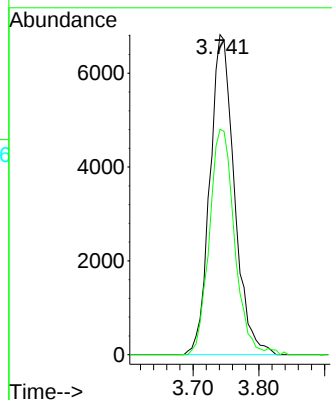
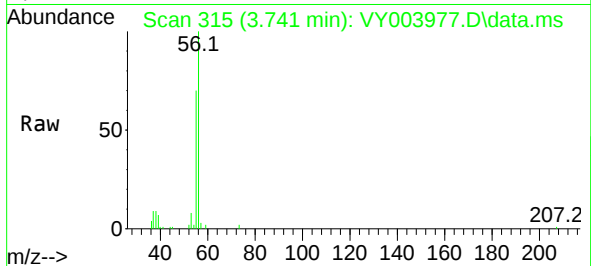




#13  
Acrolein  
Concen: 185.82 ug/l  
RT: 3.741 min Scan# 315  
Delta R.T. -0.006 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

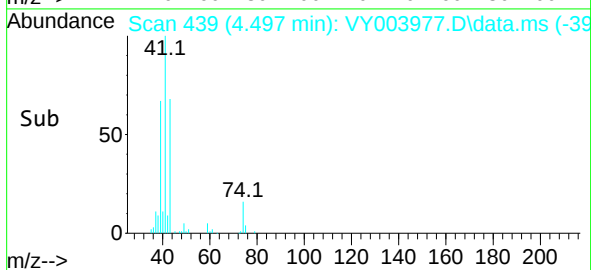
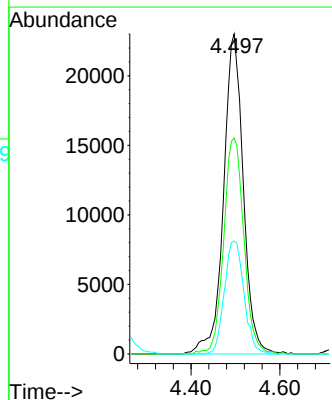
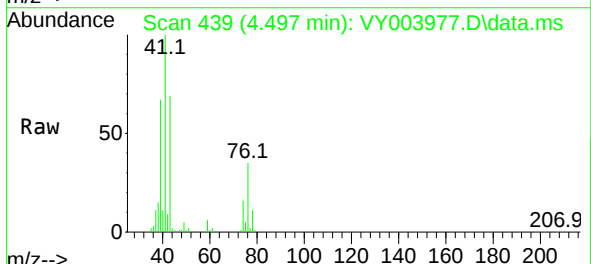
Instrument :  
MSVOA\_Y  
ClientSampleId :

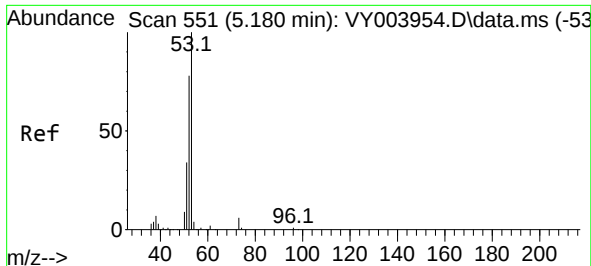
Tgt Ion: 56 Resp: 17663  
Ion Ratio Lower Upper  
56 100  
55 71.7 55.0 82.4



#14  
Allyl chloride  
Concen: 45.45 ug/l  
RT: 4.497 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

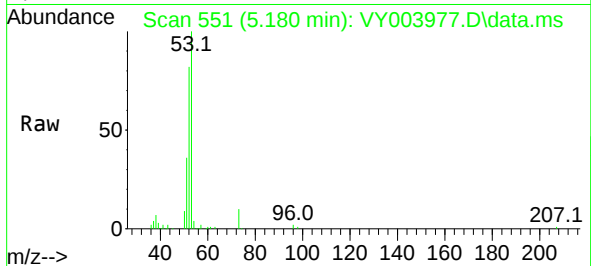
Tgt Ion: 41 Resp: 70826  
Ion Ratio Lower Upper  
41 100  
39 68.9 55.2 82.8  
76 35.0 25.0 37.4



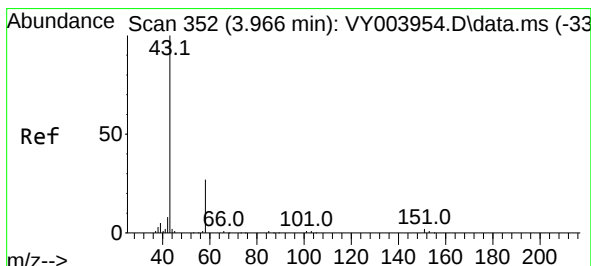
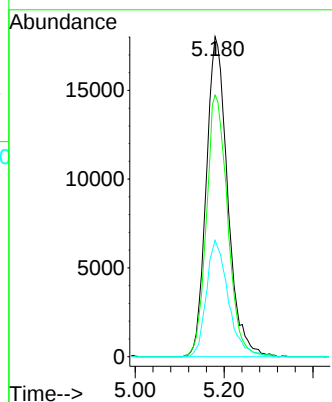
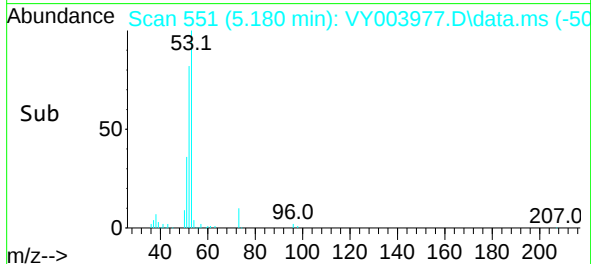


#15  
Acrylonitrile  
Concen: 223.94 ug/l  
RT: 5.180 min Scan# 551  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

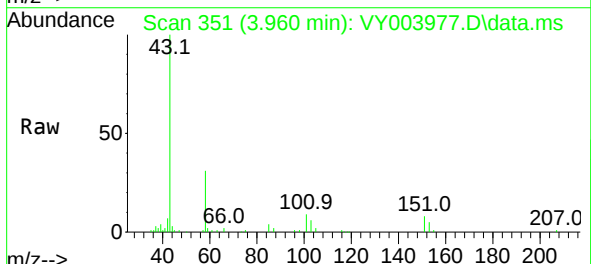
Instrument :  
MSVOA\_Y  
ClientSampleId :



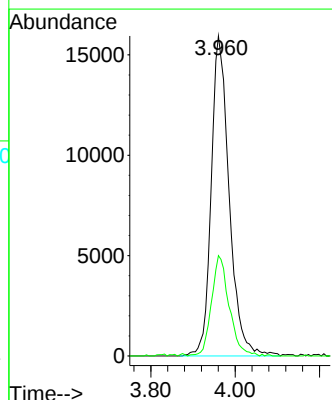
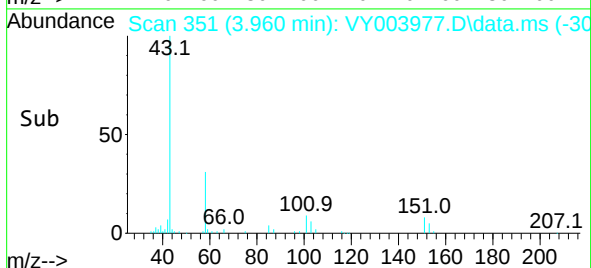
Tgt Ion: 53 Resp: 60306  
Ion Ratio Lower Upper  
53 100  
52 81.1 67.1 100.7  
51 37.2 29.3 43.9

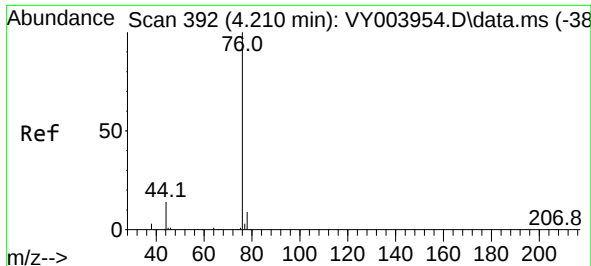


#16  
Acetone  
Concen: 186.64 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. -0.006 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07



Tgt Ion: 43 Resp: 47241  
Ion Ratio Lower Upper  
43 100  
58 31.4 23.4 35.0

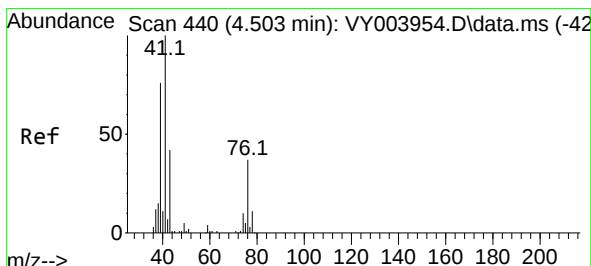
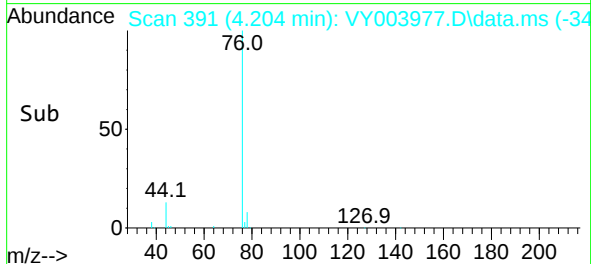
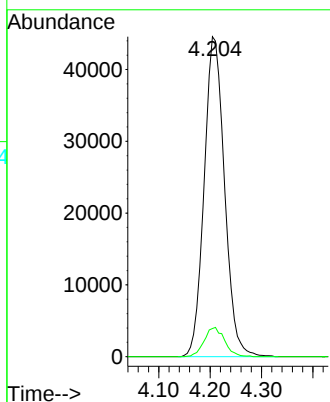
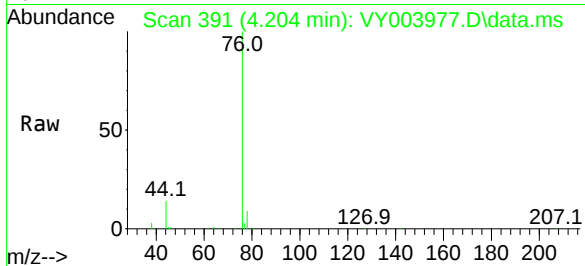




#17  
Carbon Disulfide  
Concen: 44.19 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. -0.006 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

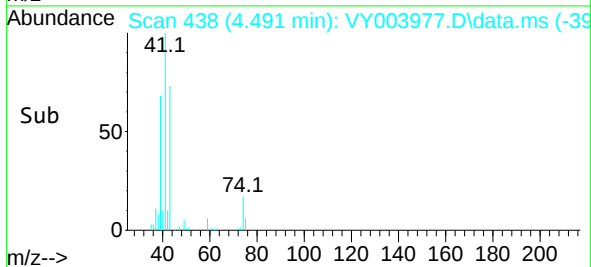
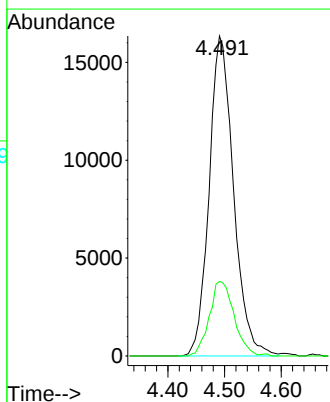
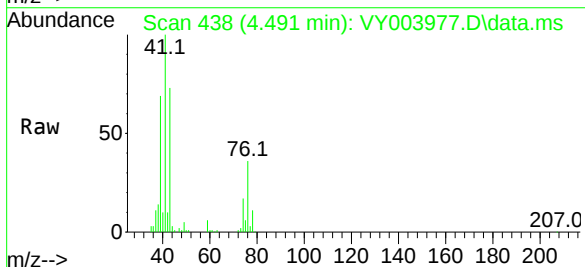
Instrument :  
MSVOA\_Y  
ClientSampleId :

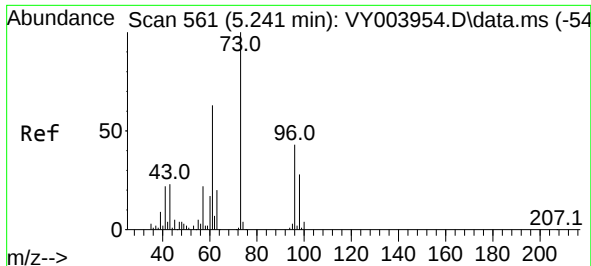
Tgt Ion: 76 Resp: 122929  
Ion Ratio Lower Upper  
76 100  
78 8.8 6.3 9.5



#18  
Methyl Acetate  
Concen: 77.41 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. -0.012 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion: 43 Resp: 48837  
Ion Ratio Lower Upper  
43 100  
74 23.6 16.7 25.1

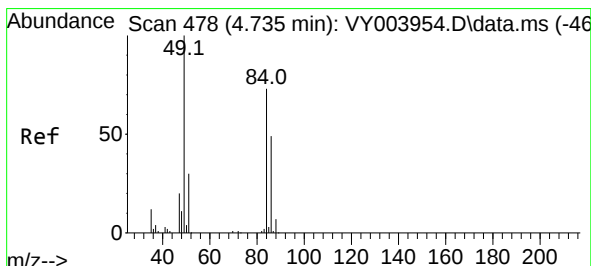
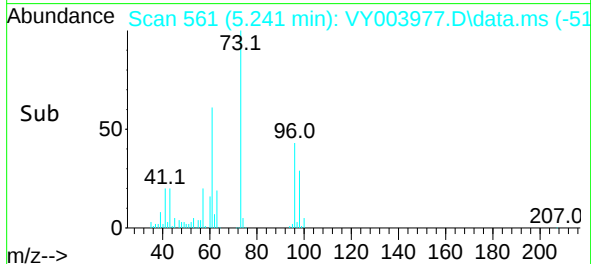
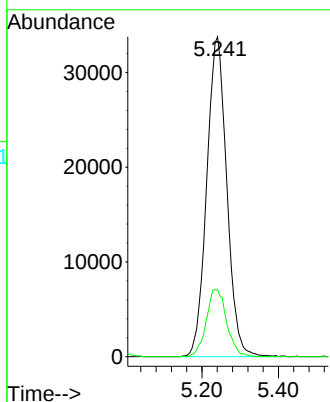
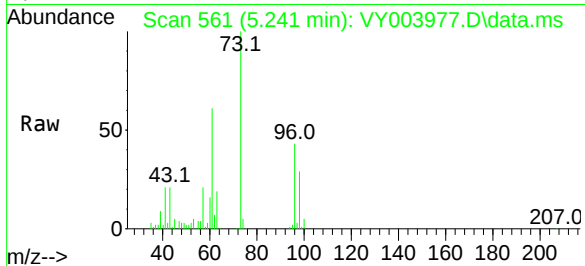




#19  
Methyl tert-butyl Ether  
Concen: 47.52 ug/l  
RT: 5.241 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

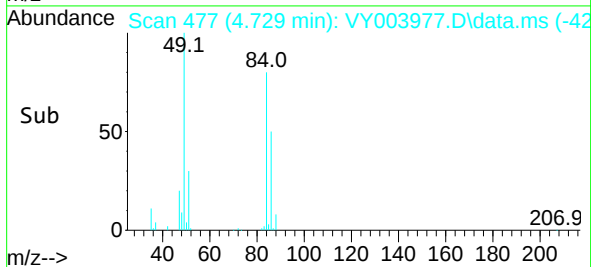
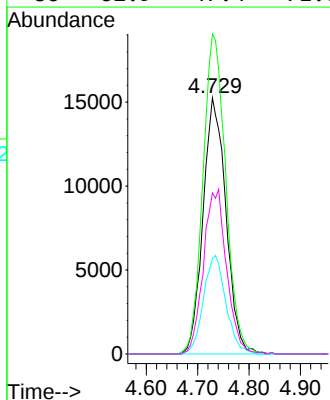
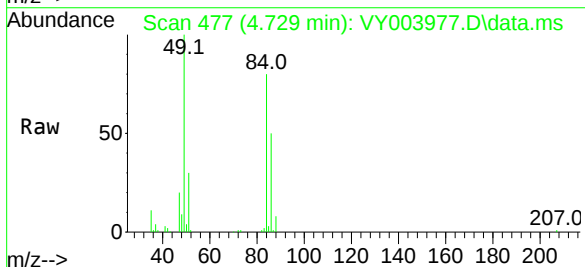
Instrument :  
MSVOA\_Y  
ClientSampleId :

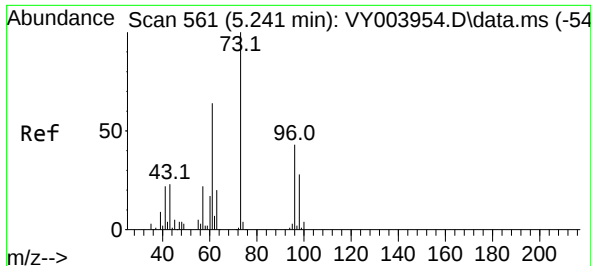
Tgt Ion: 73 Resp: 122823  
Ion Ratio Lower Upper  
73 100  
57 20.9 19.0 28.6



#20  
Methylene Chloride  
Concen: 43.92 ug/l  
RT: 4.729 min Scan# 477  
Delta R.T. -0.006 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion: 84 Resp: 47200  
Ion Ratio Lower Upper  
84 100  
49 124.9 107.0 160.4  
51 37.2 31.9 47.9  
86 62.9 47.4 71.0

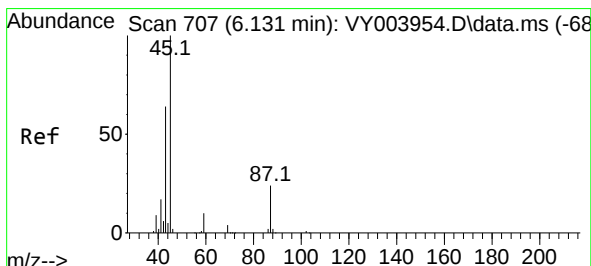
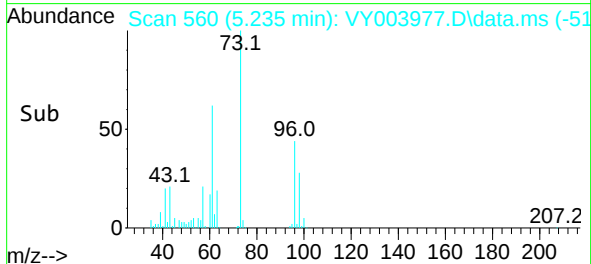
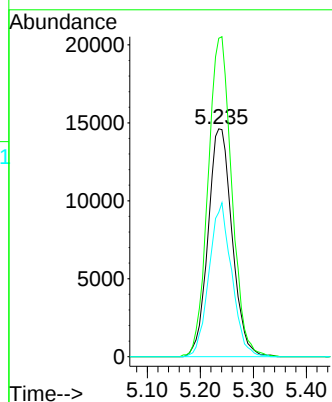
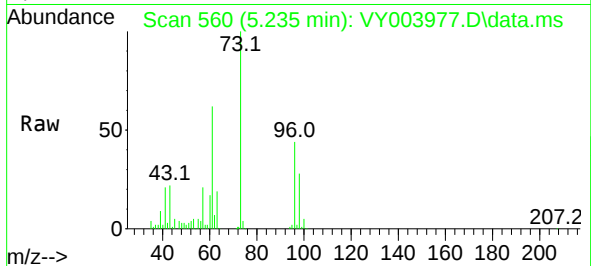




#21  
trans-1,2-Dichloroethene  
Concen: 47.31 ug/l  
RT: 5.235 min Scan# 560  
Delta R.T. -0.006 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

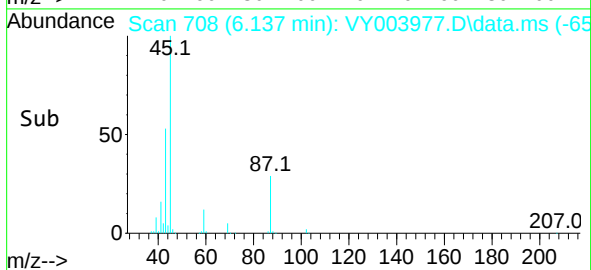
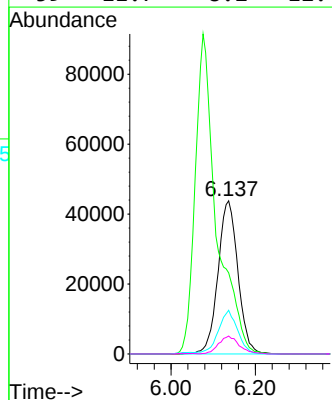
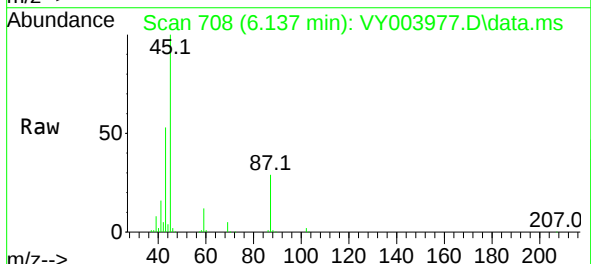
Instrument :  
MSVOA\_Y  
ClientSampleId :

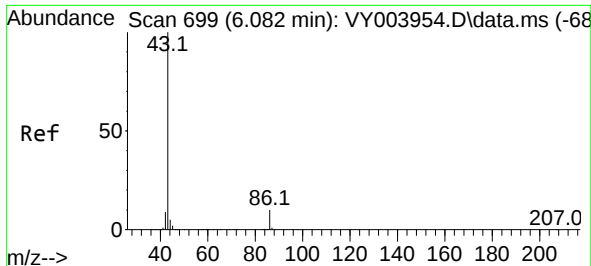
Tgt Ion: 96 Resp: 46080  
Ion Ratio Lower Upper  
96 100  
61 139.8 122.1 183.1  
98 63.4 51.4 77.0



#22  
Diisopropyl ether  
Concen: 46.28 ug/l  
RT: 6.137 min Scan# 708  
Delta R.T. 0.006 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion: 45 Resp: 143519  
Ion Ratio Lower Upper  
45 100  
43 52.8 45.9 68.9  
87 28.5 19.4 29.0  
59 11.7 8.2 12.4

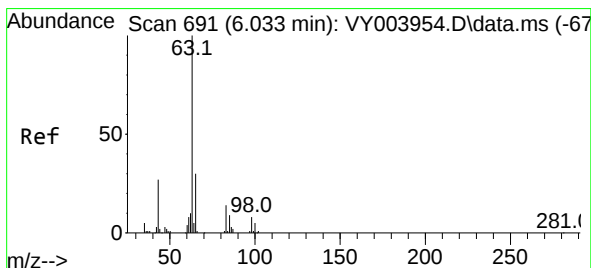
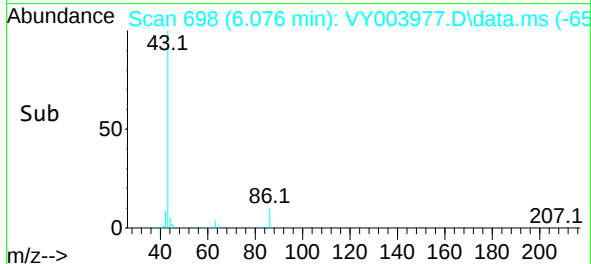
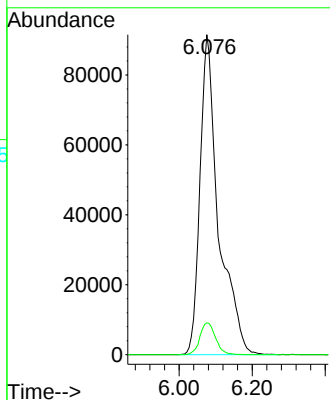
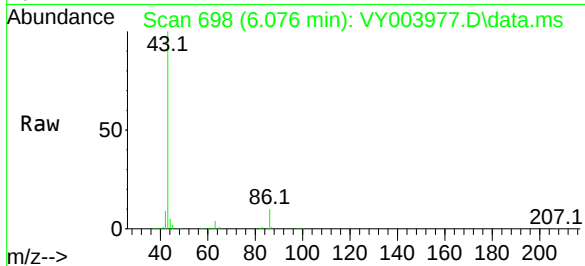




#23  
 Vinyl Acetate  
 Concen: 152.36 ug/l  
 RT: 6.076 min Scan# 698  
 Delta R.T. -0.006 min  
 Lab File: VY003977.D  
 Acq: 03 Feb 2021 22:07

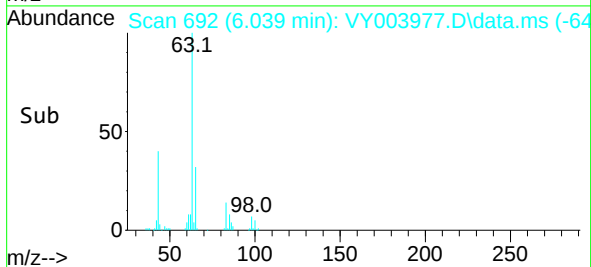
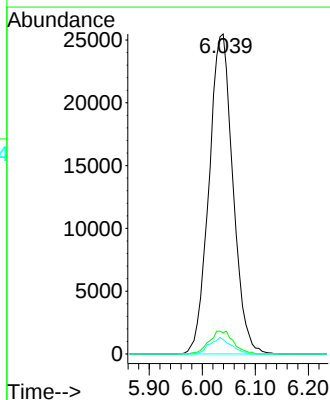
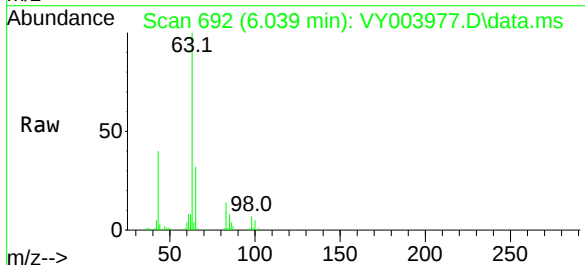
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

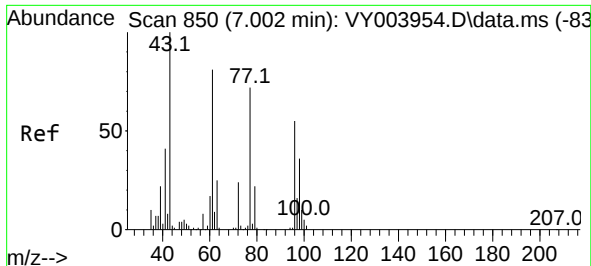
Tgt Ion: 43 Resp: 321916  
 Ion Ratio Lower Upper  
 43 100  
 86 10.0 7.1 10.7



#24  
 1,1-Dichloroethane  
 Concen: 46.44 ug/l  
 RT: 6.039 min Scan# 692  
 Delta R.T. 0.006 min  
 Lab File: VY003977.D  
 Acq: 03 Feb 2021 22:07

Tgt Ion: 63 Resp: 79816  
 Ion Ratio Lower Upper  
 63 100  
 98 6.6 3.5 10.6  
 100 4.5 2.5 7.4

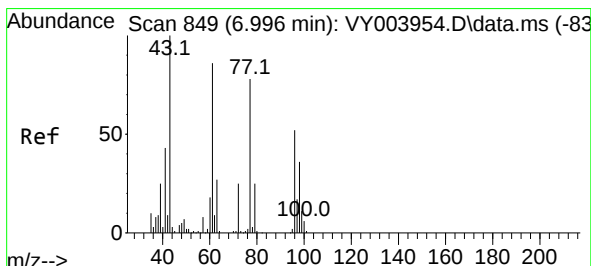
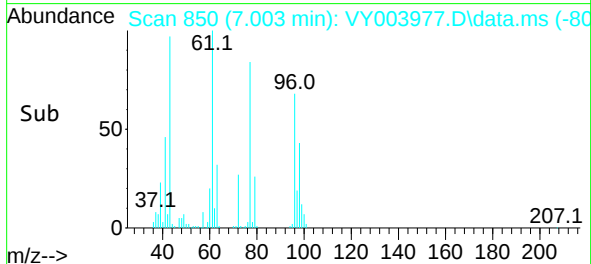
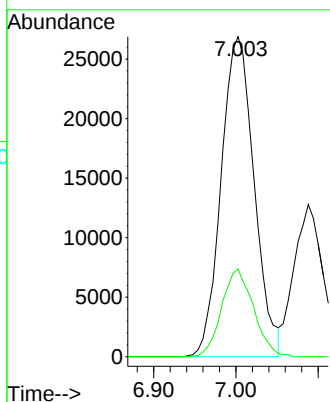
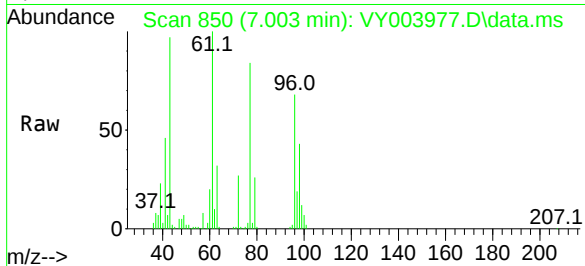




#25  
2-Butanone  
Concen: 207.80 ug/l  
RT: 7.003 min Scan# 850  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

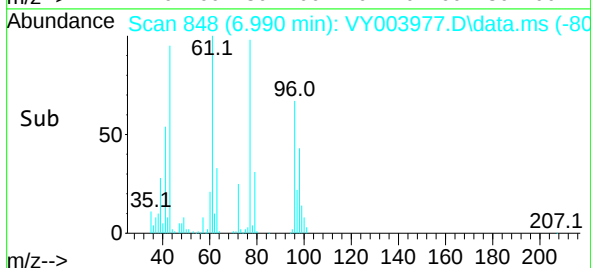
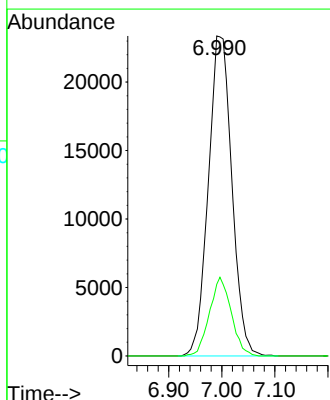
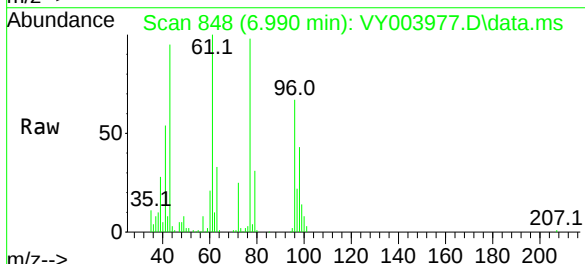
Instrument :  
MSVOA\_Y  
ClientSampled :

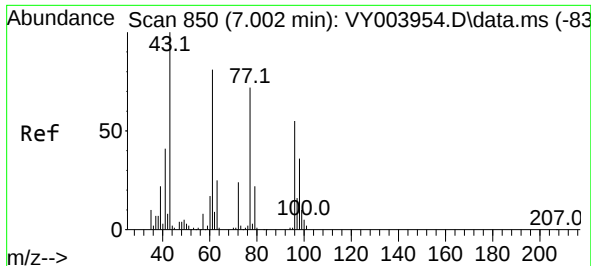
Tgt Ion: 43 Resp: 74937  
Ion Ratio Lower Upper  
43 100  
72 27.4 18.5 27.7



#26  
2,2-Dichloropropane  
Concen: 44.03 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. -0.006 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion: 77 Resp: 72116  
Ion Ratio Lower Upper  
77 100  
97 22.7 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 47.02 ug/l

RT: 7.003 min Scan# 850

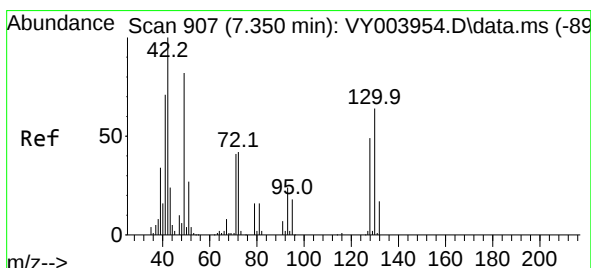
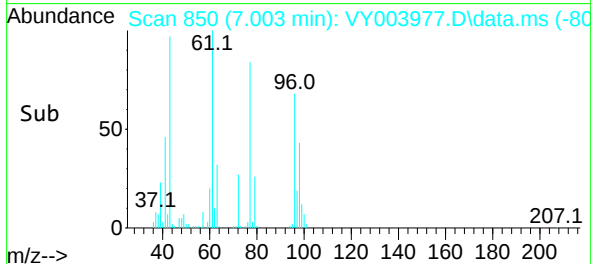
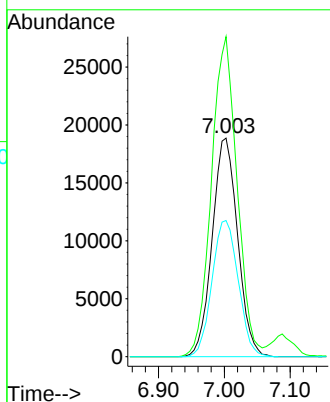
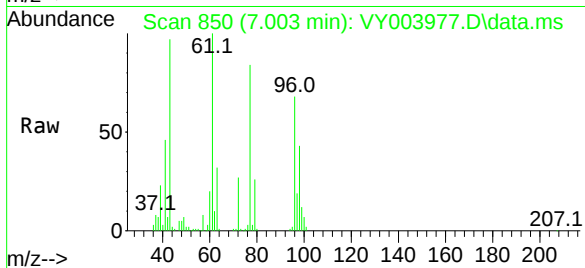
Delta R.T. 0.000 min

Lab File: VY003977.D

Acq: 03 Feb 2021 22:07

Instrument :  
MSVOA\_Y  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 50826 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 147.4 | 0.0   | 306.6 |
| 98       | 64.3  | 0.0   | 128.4 |



#28

Bromochloromethane

Concen: 49.32 ug/l

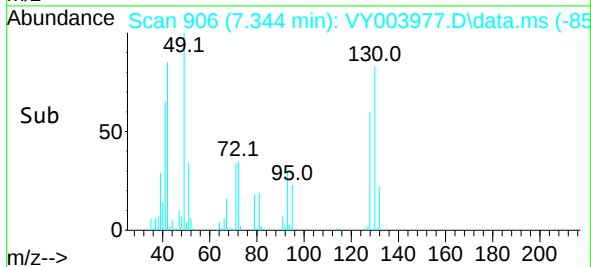
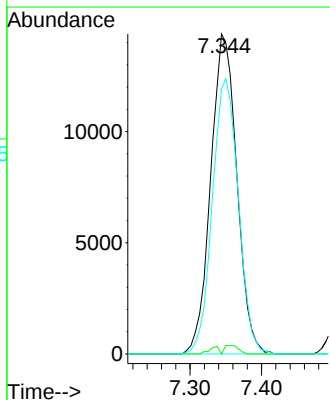
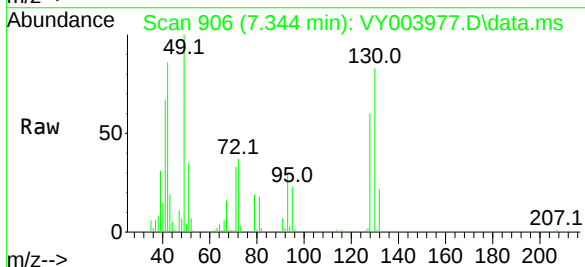
RT: 7.344 min Scan# 906

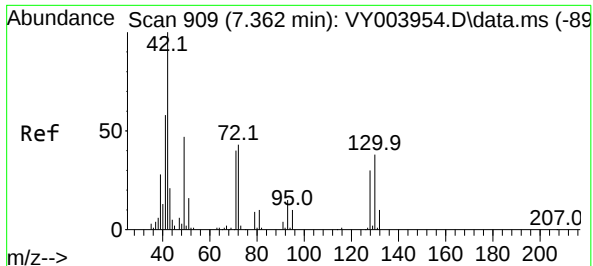
Delta R.T. -0.006 min

Lab File: VY003977.D

Acq: 03 Feb 2021 22:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 36519 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.9   | 0.0   | 3.4   |
| 130      | 0.0   | 53.7  | 80.5# |





#29

Tetrahydrofuran

Concen: 217.56 ug/l

RT: 7.356 min Scan# 908

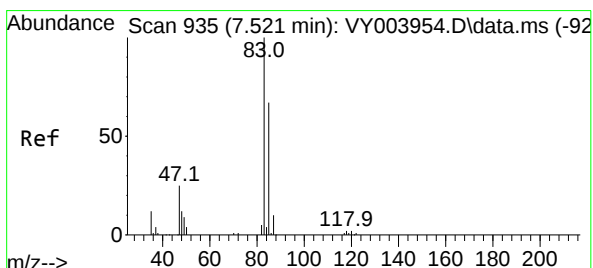
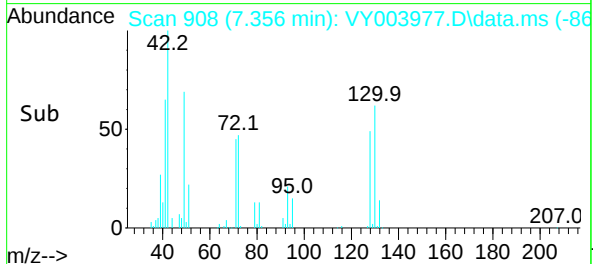
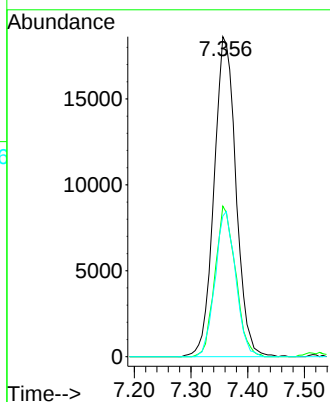
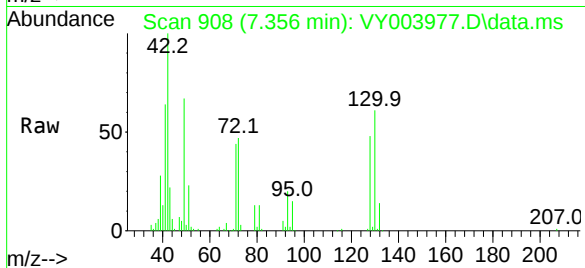
Delta R.T. -0.006 min

Lab File: VY003977.D

Acq: 03 Feb 2021 22:07

Instrument :  
MSVOA\_Y  
ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 50008 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 72        | 44.3  | 30.6  | 45.8  |
| 71        | 42.5  | 28.6  | 43.0  |



#30

Chloroform

Concen: 47.03 ug/l

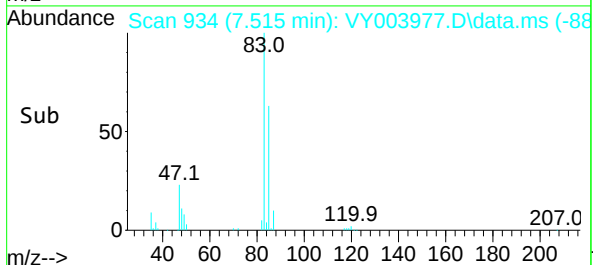
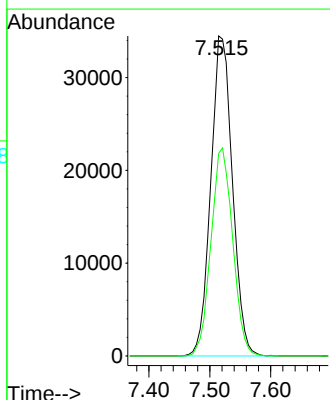
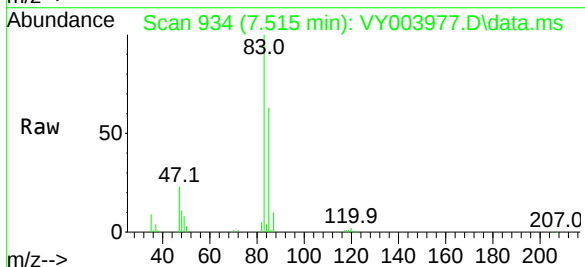
RT: 7.515 min Scan# 934

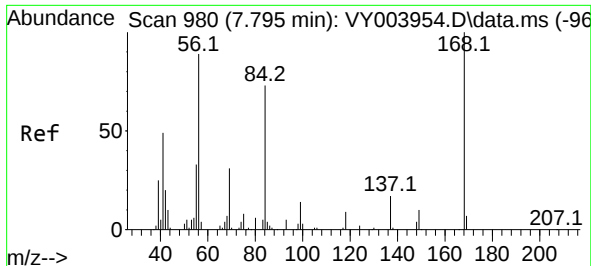
Delta R.T. -0.006 min

Lab File: VY003977.D

Acq: 03 Feb 2021 22:07

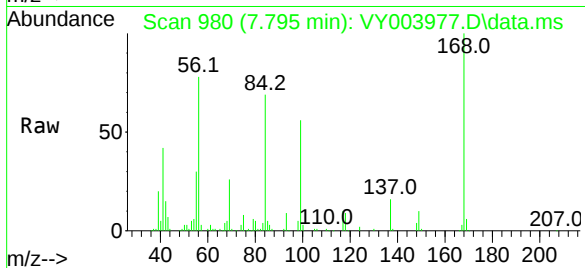
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 84961 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 63.3  | 51.7  | 77.5  |



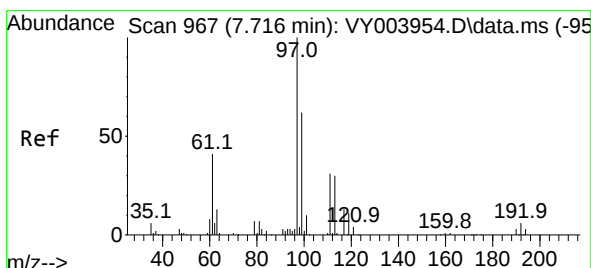
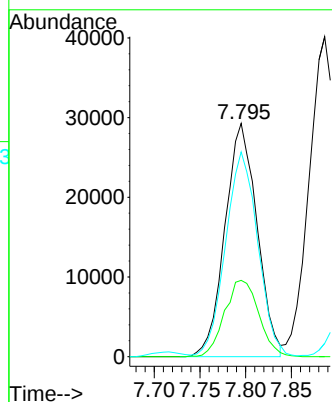
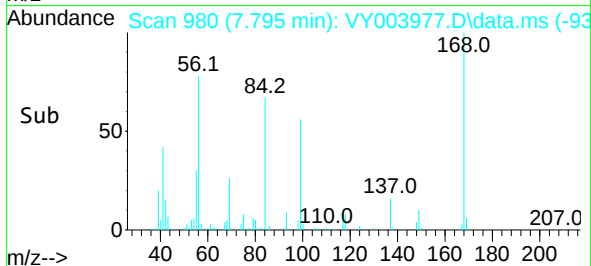


#31  
Cyclohexane  
Concen: 41.23 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

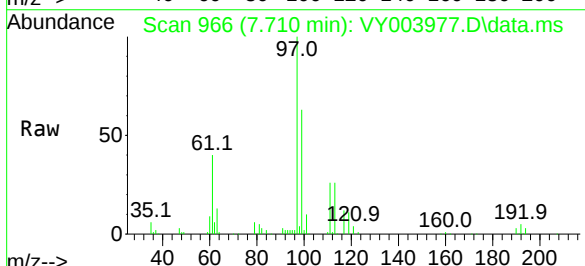
Instrument :  
MSVOA\_Y  
ClientSampleId :



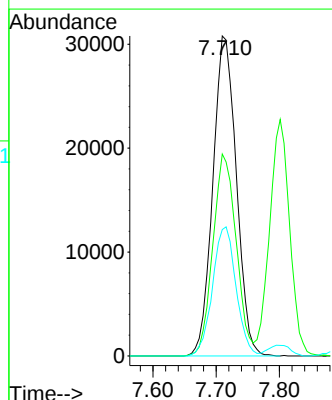
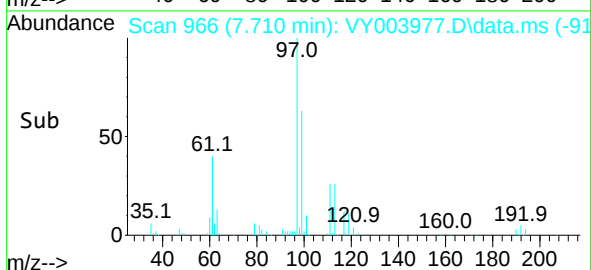
Tgt Ion: 56 Resp: 71383  
Ion Ratio Lower Upper  
56 100  
69 32.7 25.0 37.4  
84 86.6 64.5 96.7

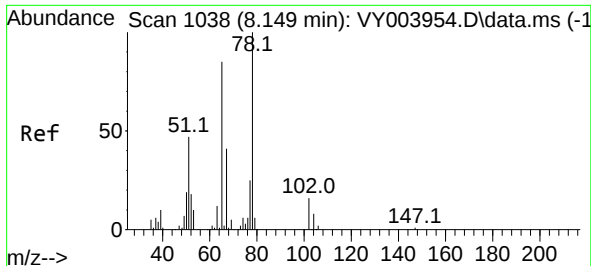


#32  
1,1,1-Trichloroethane  
Concen: 47.64 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. -0.006 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07



Tgt Ion: 97 Resp: 79393  
Ion Ratio Lower Upper  
97 100  
99 62.6 50.6 75.8  
61 40.2 36.4 54.6

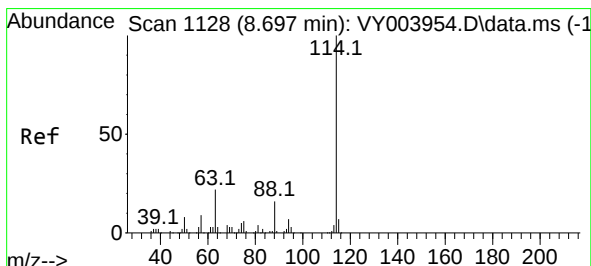
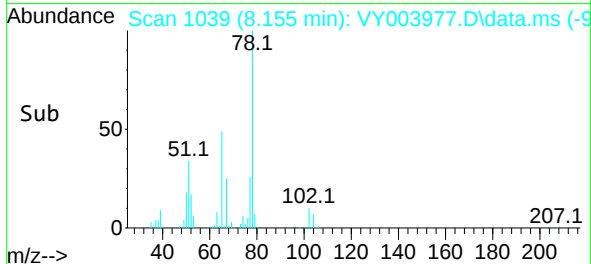
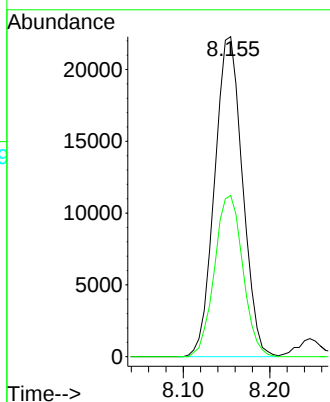
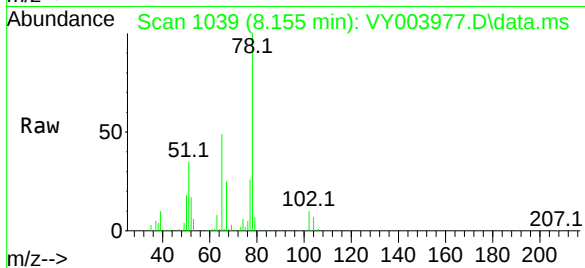




#33  
1,2-Dichloroethane-d4  
Concen: 48.39 ug/l  
RT: 8.155 min Scan# 1039  
Delta R.T. 0.006 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

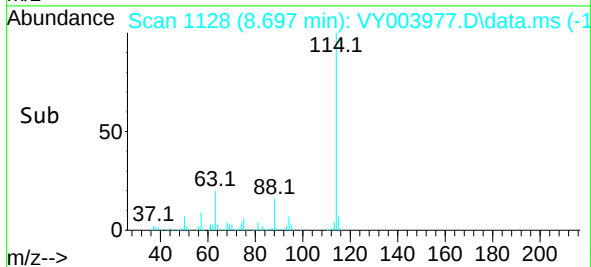
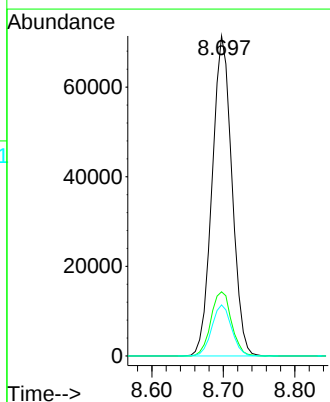
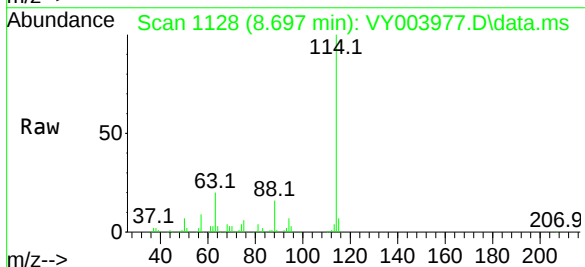
Instrument :  
MSVOA\_Y  
ClientSampled :

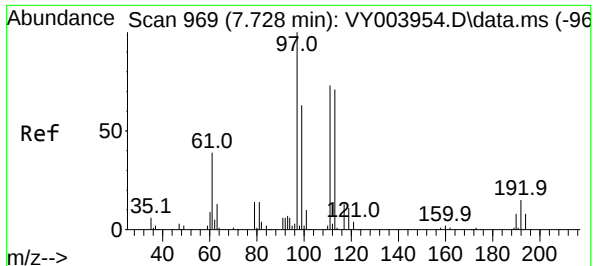
Tgt Ion: 65 Resp: 49900  
Ion Ratio Lower Upper  
65 100  
67 51.0 0.0 101.8



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion: 114 Resp: 137078  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 47.2  
88 16.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.94 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY003977.D

Acq: 03 Feb 2021 22:07

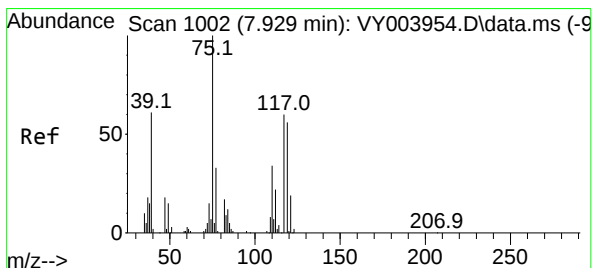
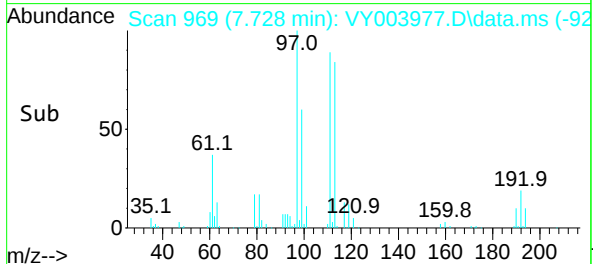
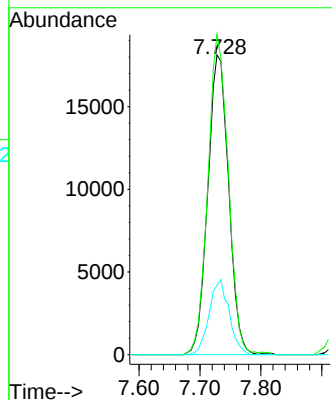
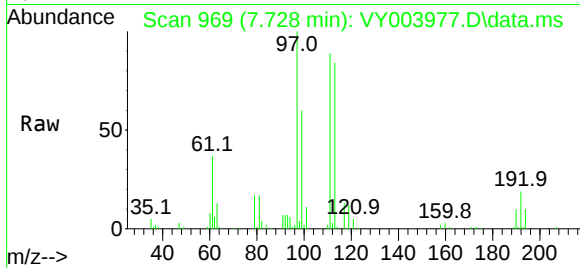
Tgt Ion:113 Resp: 43233

Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.4

192 23.9 18.3 27.5



#36

1,1-Dichloropropene

Concen: 45.62 ug/l

RT: 7.929 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VY003977.D

Acq: 03 Feb 2021 22:07

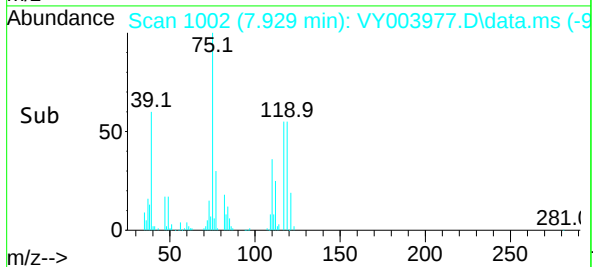
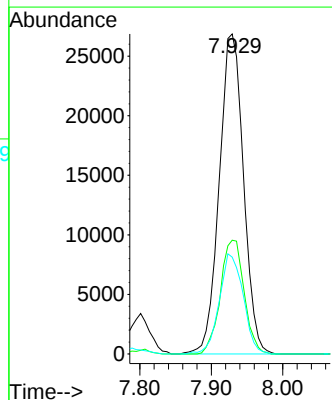
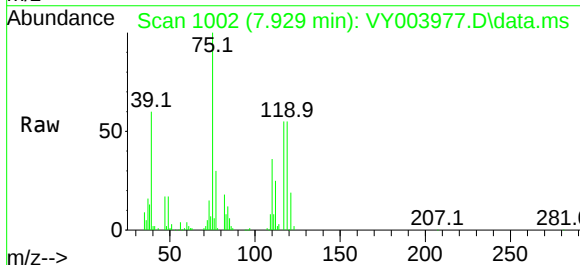
Tgt Ion: 75 Resp: 63242

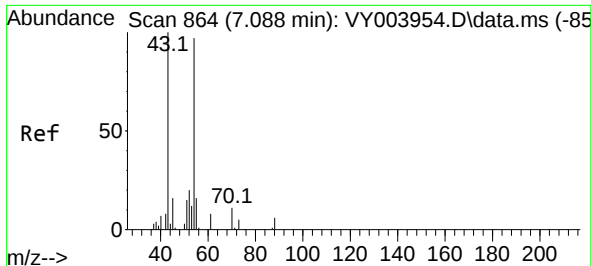
Ion Ratio Lower Upper

75 100

110 34.8 17.9 53.8

77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 41.76 ug/l

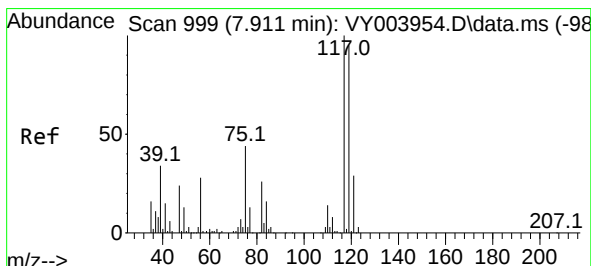
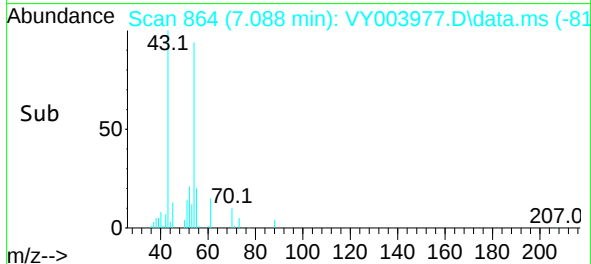
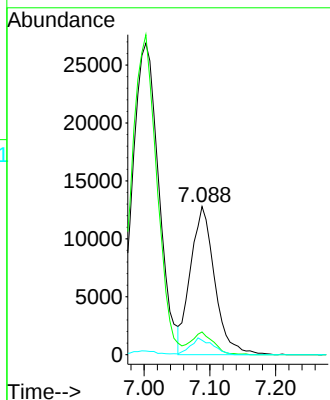
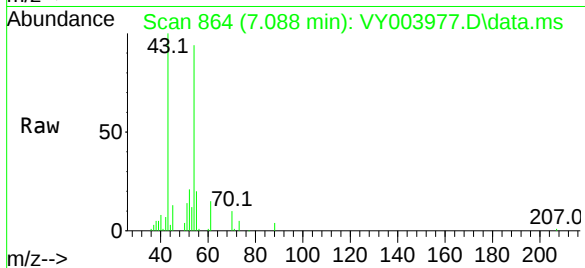
RT: 7.088 min Scan# 864

Delta R.T. 0.000 min

Lab File: VY003977.D

Acq: 03 Feb 2021 22:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 32749 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 14.2  | 9.5   | 14.3  |
| 70       | 10.2  | 7.7   | 11.5  |



#38

Carbon Tetrachloride

Concen: 47.36 ug/l

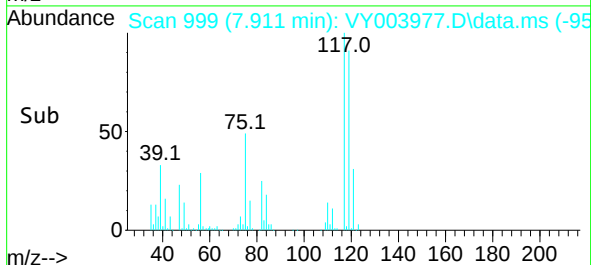
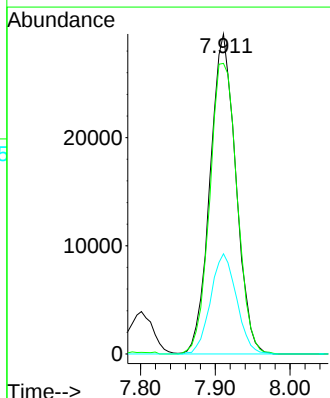
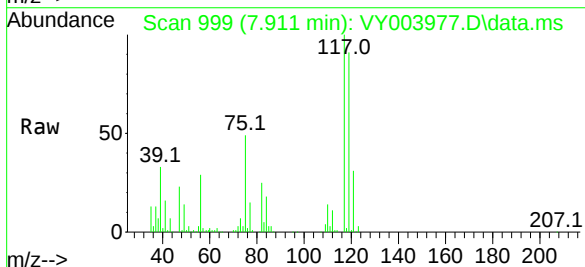
RT: 7.911 min Scan# 999

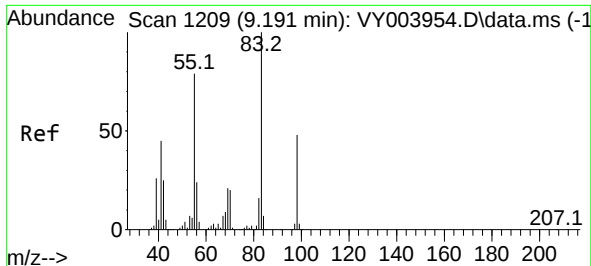
Delta R.T. 0.000 min

Lab File: VY003977.D

Acq: 03 Feb 2021 22:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 70951 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 90.8  | 77.4  | 116.0 |
| 121      | 31.3  | 26.1  | 39.1  |





#39

Methylcyclohexane

Concen: 43.90 ug/l

RT: 9.191 min Scan# 1209

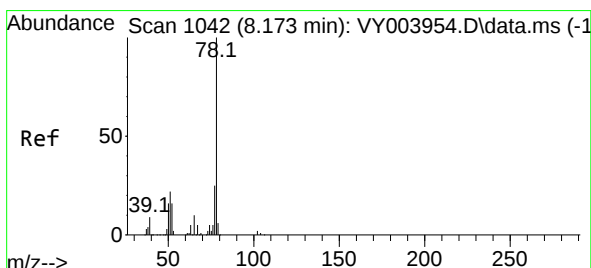
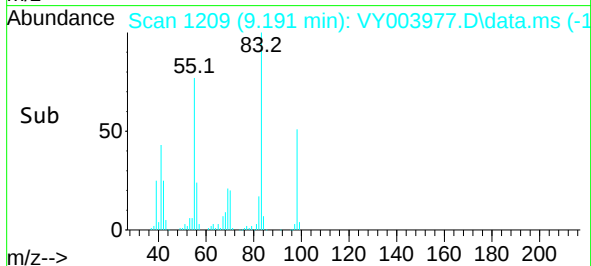
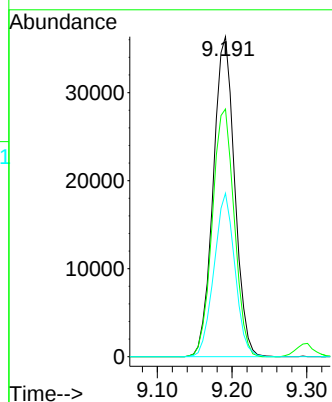
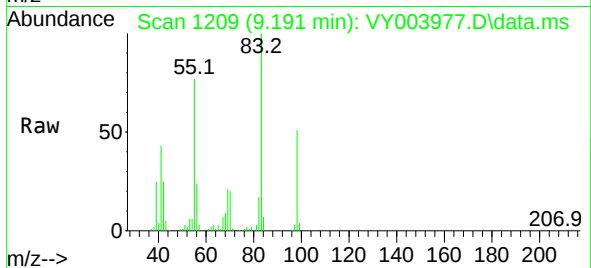
Delta R.T. 0.000 min

Lab File: VY003977.D

Acq: 03 Feb 2021 22:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 72544 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 77.4  | 65.8  | 98.6  |
| 98       | 51.1  | 38.3  | 57.5  |

Instrument :  
MSVOA\_Y  
ClientSampleId :



#40

Benzene

Concen: 47.30 ug/l

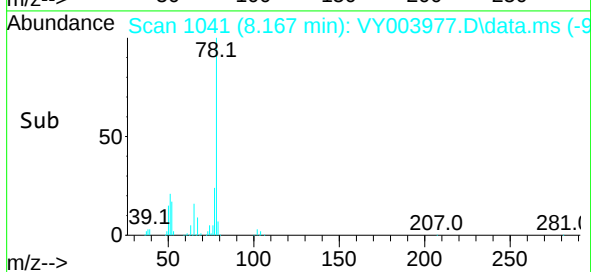
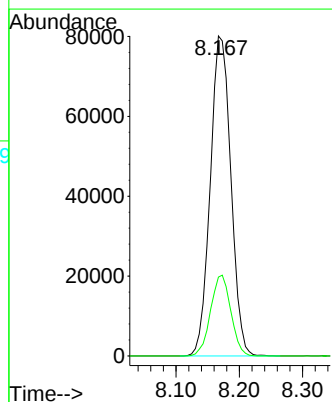
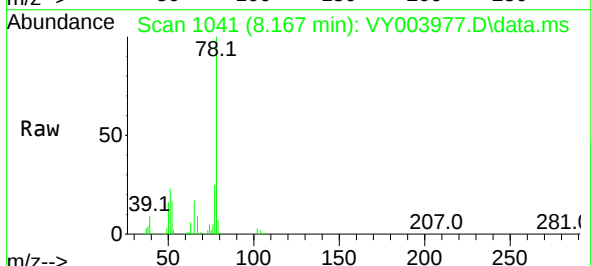
RT: 8.167 min Scan# 1041

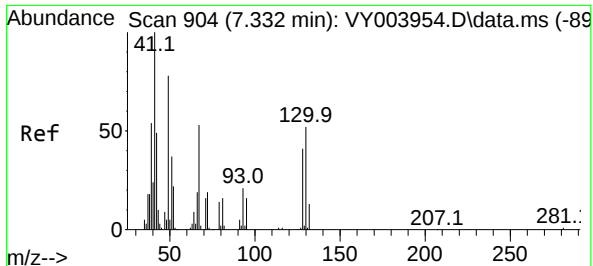
Delta R.T. -0.006 min

Lab File: VY003977.D

Acq: 03 Feb 2021 22:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 181283 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 24.6  | 20.4  | 30.6   |

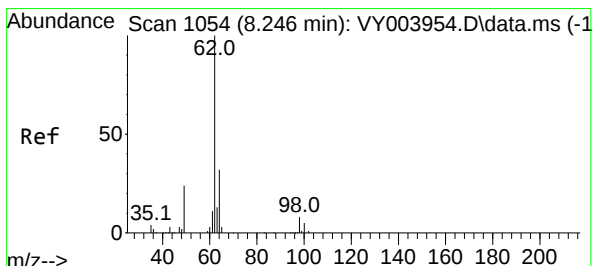
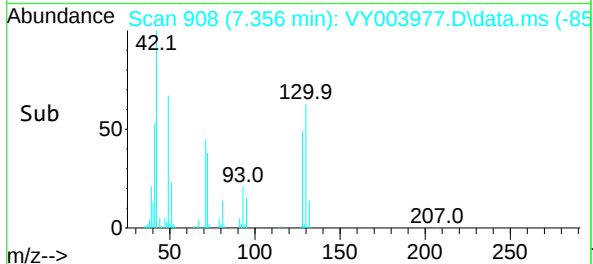
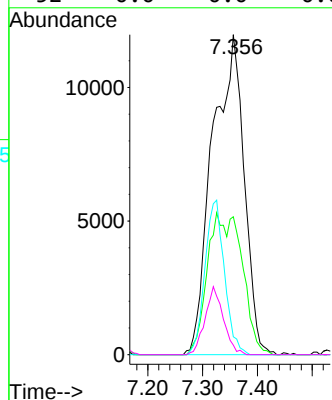
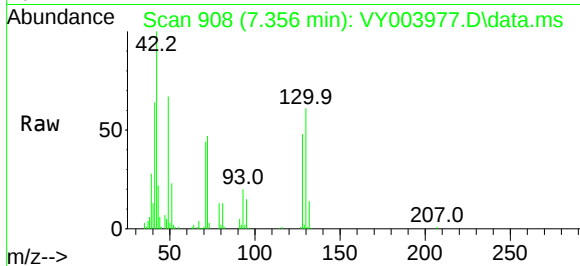




#41  
Methacrylonitrile  
Concen: 92.95 ug/l  
RT: 7.356 min Scan# 908  
Delta R.T. 0.024 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

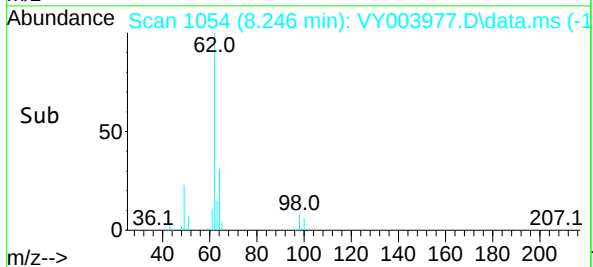
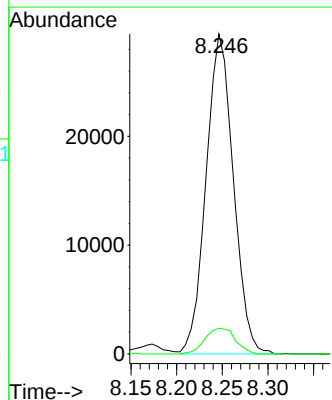
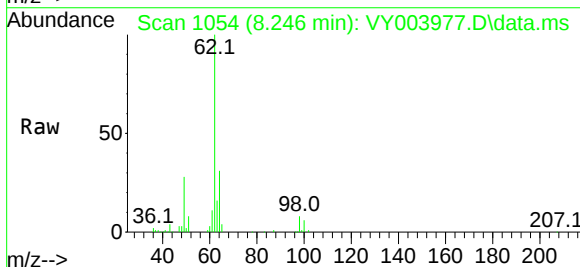
Instrument :  
MSVOA\_Y  
ClientSampleId :

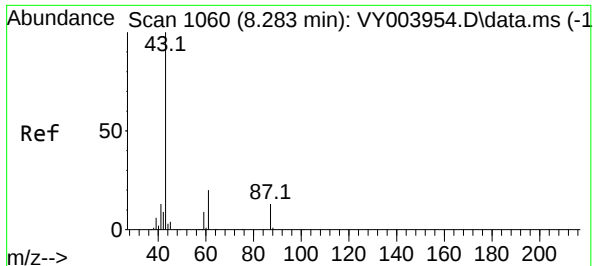
Tgt Ion: 41 Resp: 48080  
Ion Ratio Lower Upper  
41 100  
39 0.0 82.6 124.0#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 46.44 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion: 62 Resp: 61273  
Ion Ratio Lower Upper  
62 100  
98 8.9 0.0 17.0

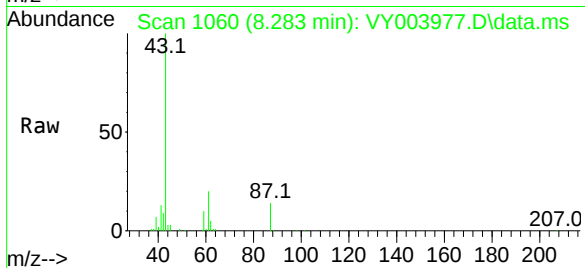




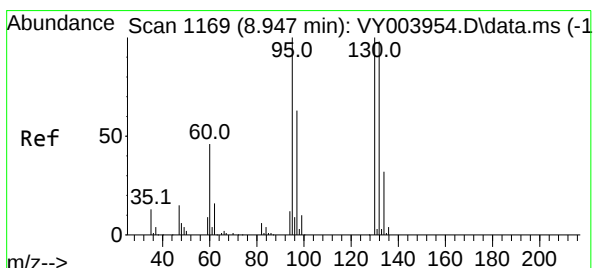
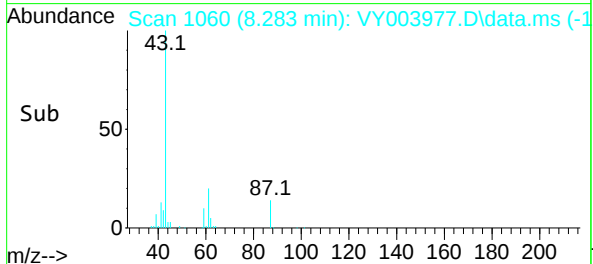
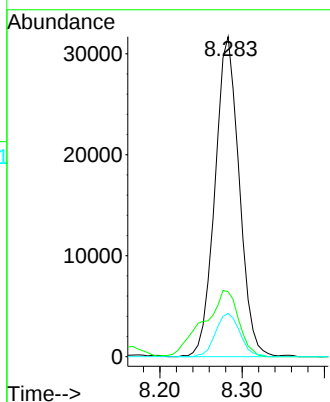
#43

Isopropyl Acetate  
Concen: 42.57 ug/l  
RT: 8.283 min Scan# 1060  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Instrument :  
MSVOA\_Y  
ClientSampleId :



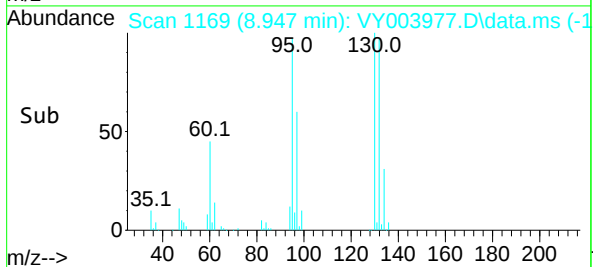
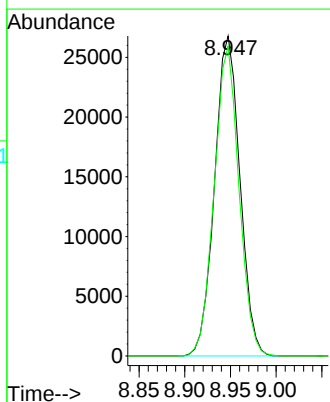
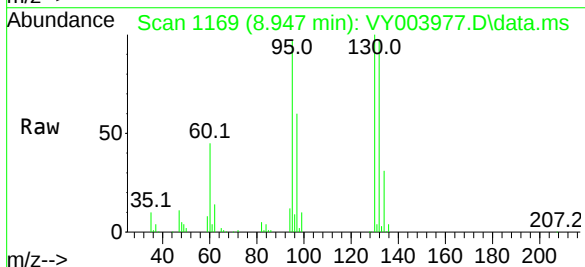
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 64944 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 29.9  | 21.1  | 31.7  |
| 87       | 13.6  | 9.1   | 13.7  |

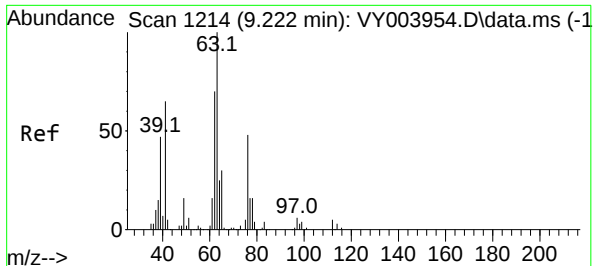


#44

Trichloroethene  
Concen: 48.80 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 51679 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 96.9  | 0.0   | 199.4 |





#45

1,2-Dichloropropane

Concen: 47.50 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY003977.D

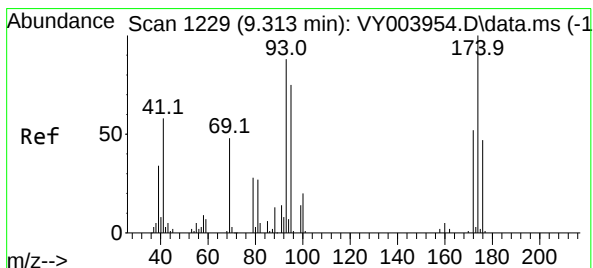
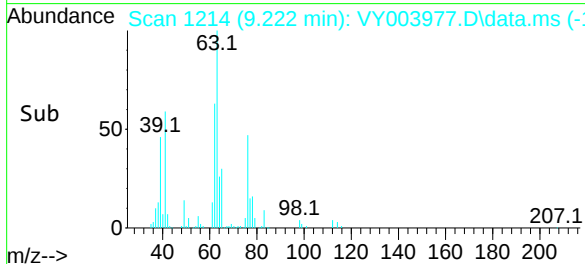
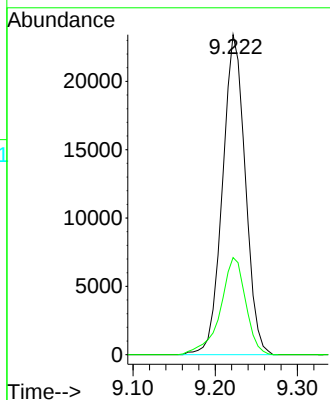
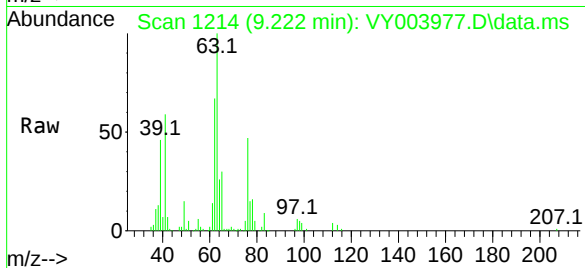
Acq: 03 Feb 2021 22:07

Tgt Ion: 63 Resp: 45068

Ion Ratio Lower Upper

63 100

65 30.3 24.4 36.6



#46

Dibromomethane

Concen: 49.54 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY003977.D

Acq: 03 Feb 2021 22:07

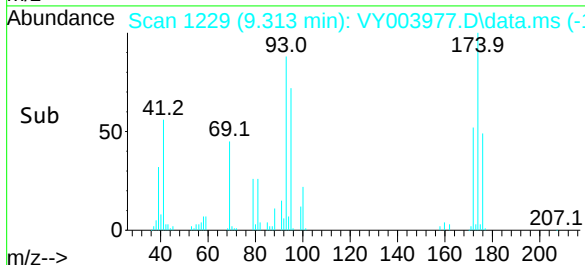
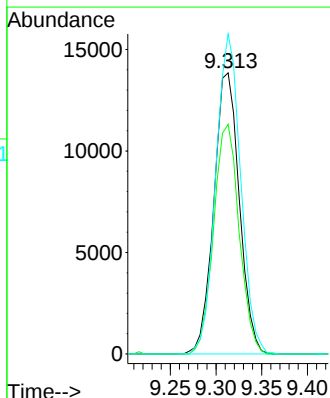
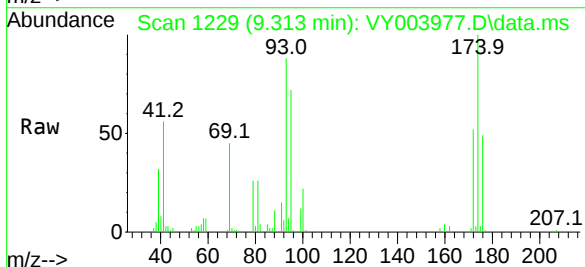
Tgt Ion: 93 Resp: 26855

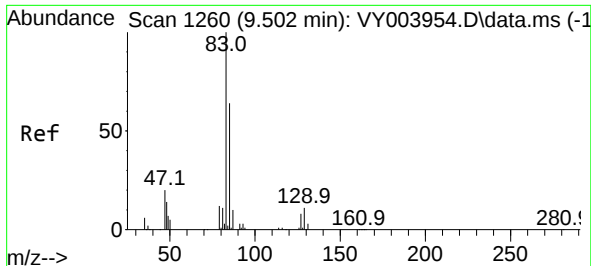
Ion Ratio Lower Upper

93 100

95 81.6 66.4 99.6

174 111.3 82.2 123.2

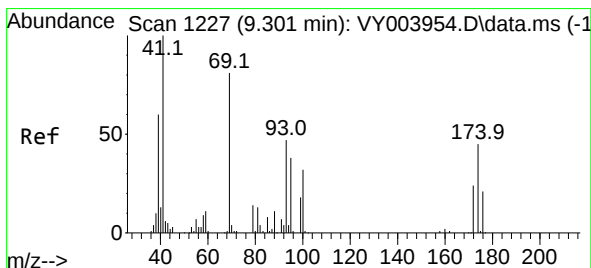
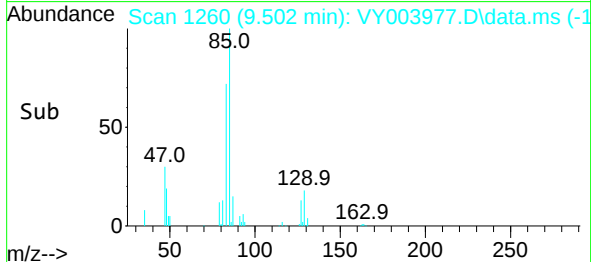
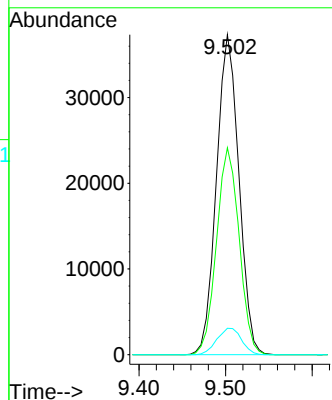
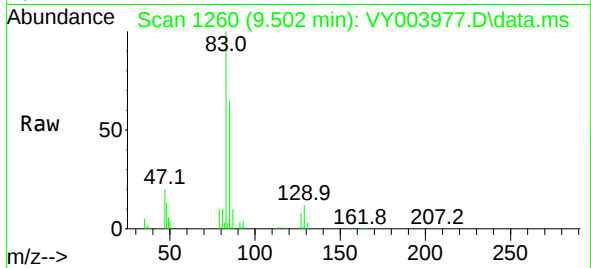




#47  
Bromodichloromethane  
Concen: 47.90 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

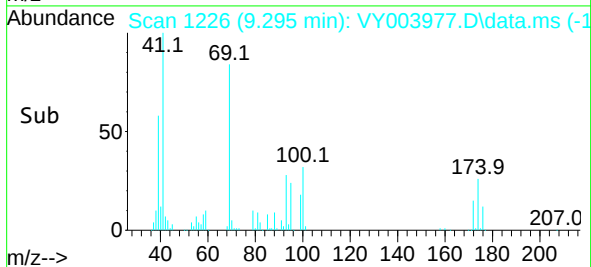
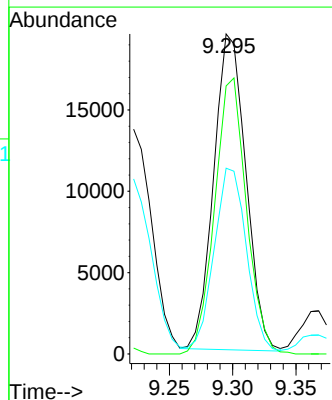
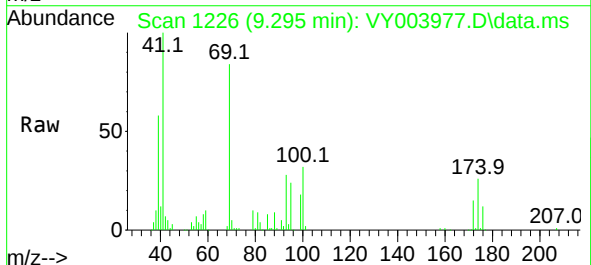
Instrument :  
MSVOA\_Y  
ClientSampled :

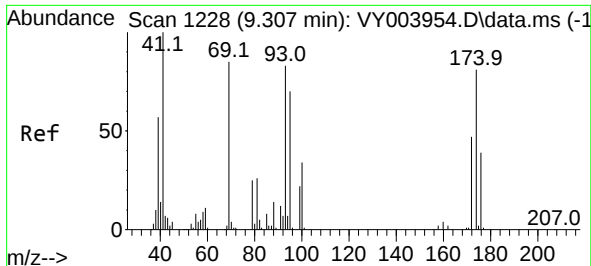
Tgt Ion: 83 Resp: 67160  
Ion Ratio Lower Upper  
83 100  
85 64.6 49.2 73.8  
127 8.3 6.7 10.1



#48  
Methyl methacrylate  
Concen: 46.11 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.006 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion: 41 Resp: 34361  
Ion Ratio Lower Upper  
41 100  
69 86.2 60.8 91.2  
39 60.3 48.2 72.2





#49

1,4-Dioxane

Concen: 959.39 ug/l

RT: 9.301 min Scan# 1227

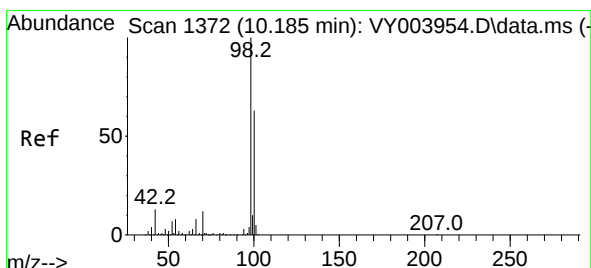
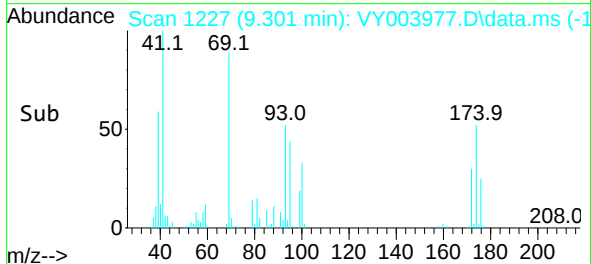
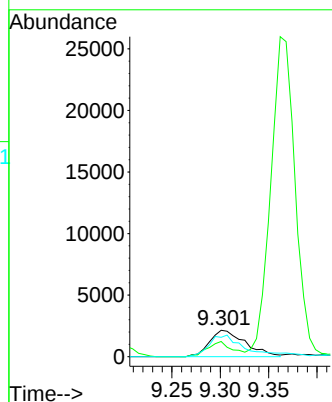
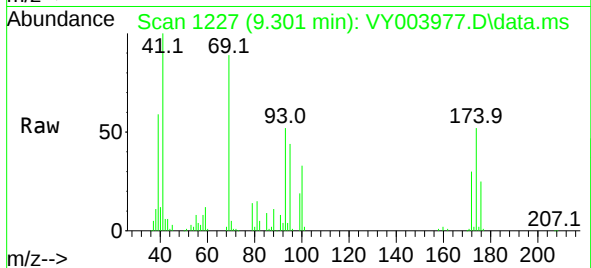
Delta R.T. -0.006 min

Lab File: VY003977.D

Acq: 03 Feb 2021 22:07

Instrument :  
MSVOA\_Y  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 5531  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 39.9  | 32.6  | 48.8  |
| 58       | 85.0  | 60.2  | 90.4  |



#50

Toluene-d8

Concen: 51.19 ug/l

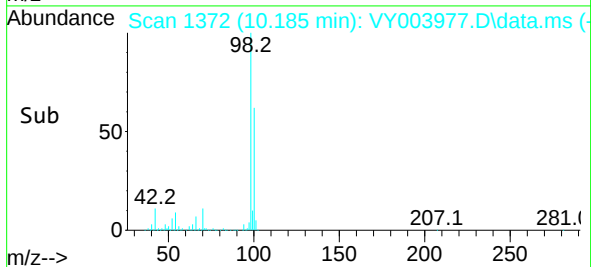
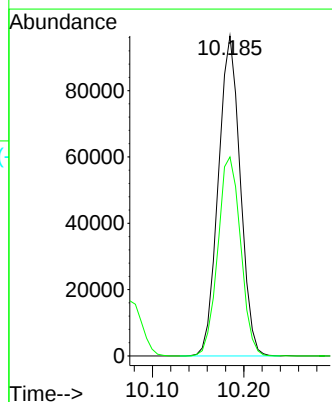
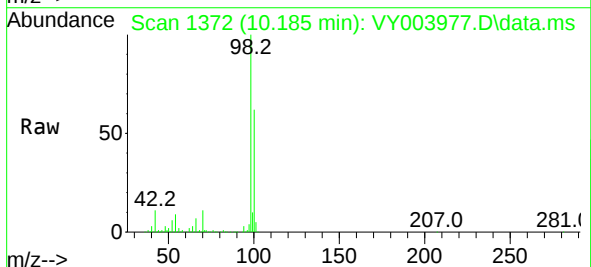
RT: 10.185 min Scan# 1372

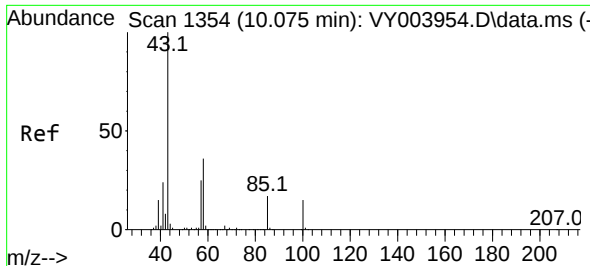
Delta R.T. 0.000 min

Lab File: VY003977.D

Acq: 03 Feb 2021 22:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 161009 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.6  | 50.5  | 75.7   |

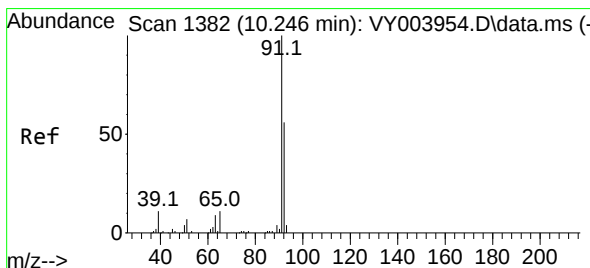
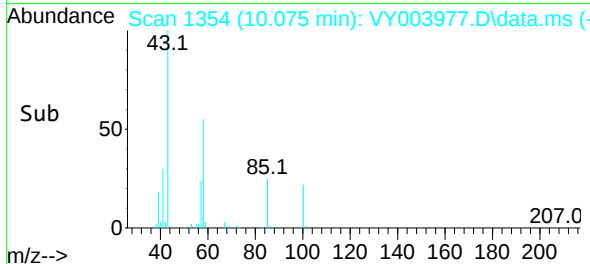
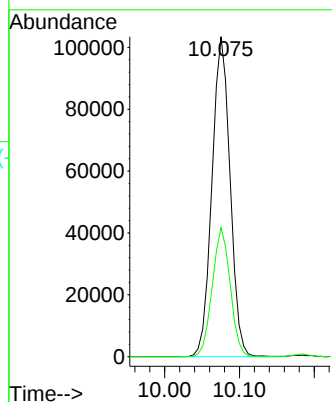
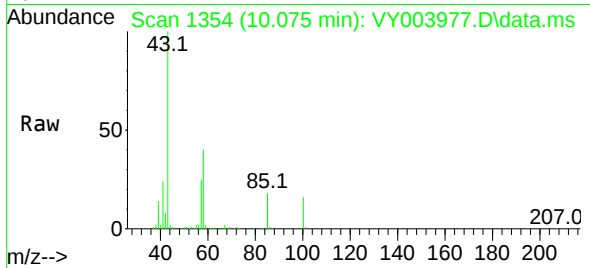




#51  
4-Methyl-2-Pentanone  
Concen: 223.49 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

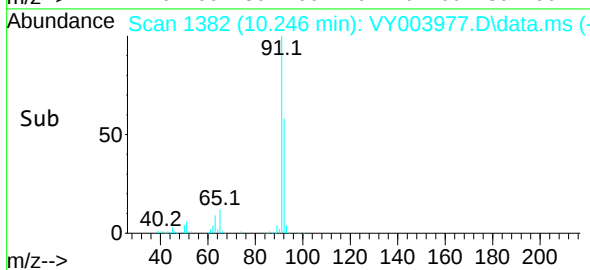
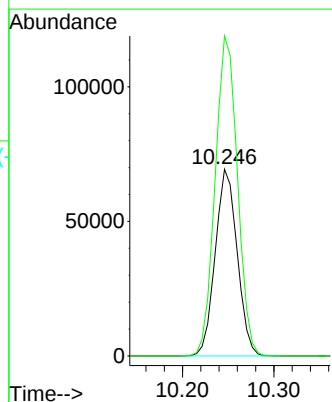
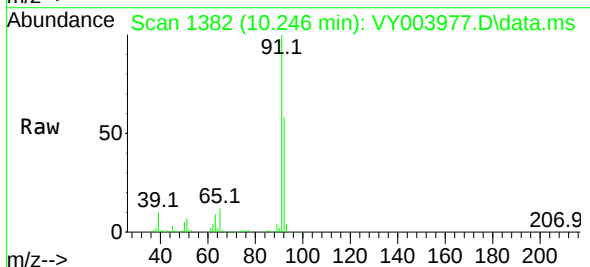
Instrument :  
MSVOA\_Y  
ClientSampleId :

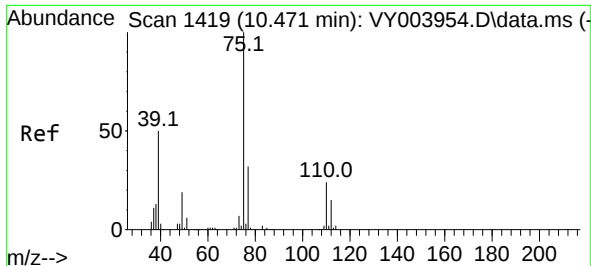
Tgt Ion: 43 Resp: 174125  
Ion Ratio Lower Upper  
43 100  
58 39.8 28.6 42.8



#52  
Toluene  
Concen: 47.87 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion: 92 Resp: 115805  
Ion Ratio Lower Upper  
92 100  
91 174.4 142.7 214.1

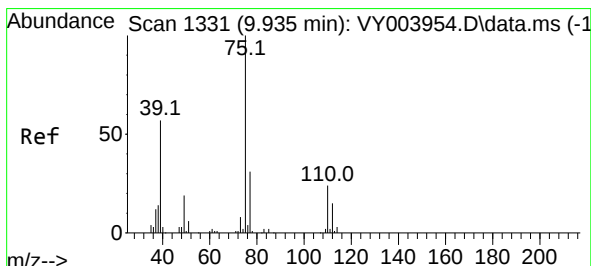
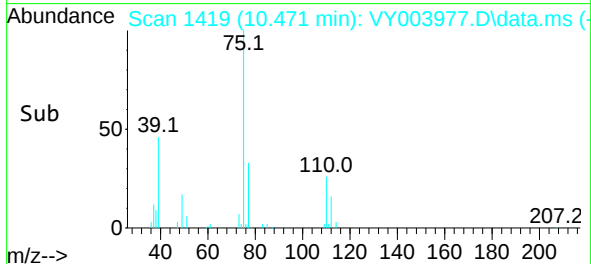
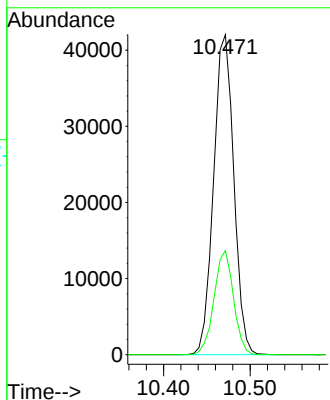
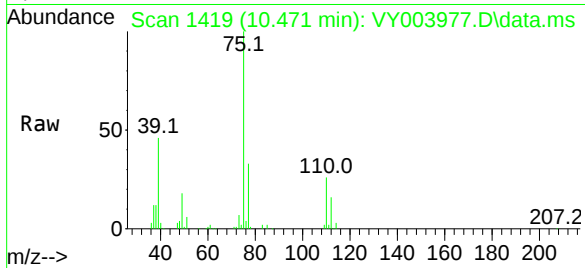




#53  
t-1,3-Dichloropropene  
Concen: 46.12 ug/l  
RT: 10.471 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

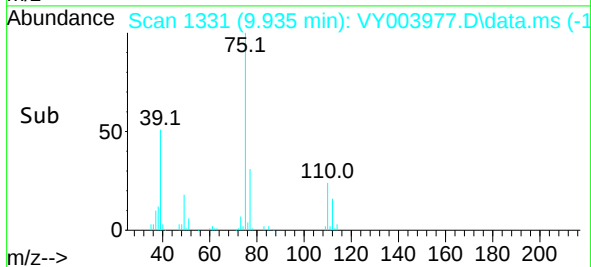
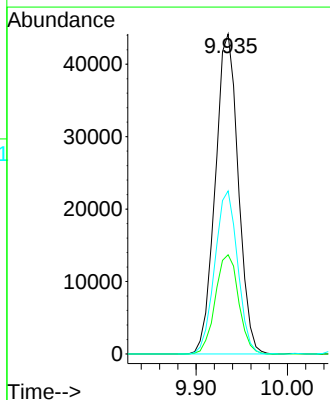
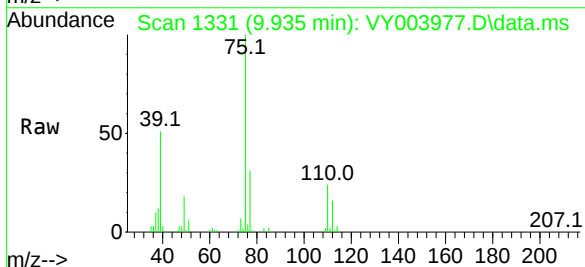
Instrument :  
MSVOA\_Y  
ClientSampled :

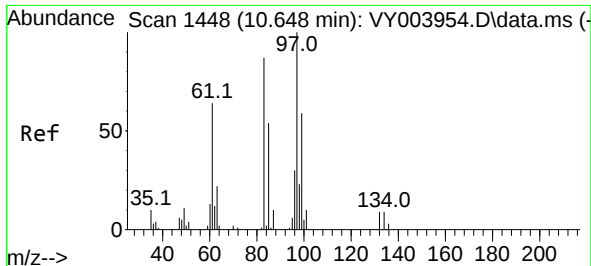
Tgt Ion: 75 Resp: 68102  
Ion Ratio Lower Upper  
75 100  
77 32.6 25.2 37.8



#54  
cis-1,3-Dichloropropene  
Concen: 47.07 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

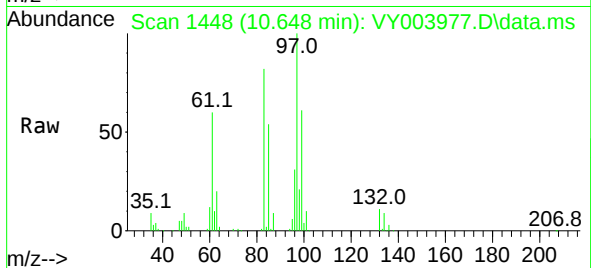
Tgt Ion: 75 Resp: 77076  
Ion Ratio Lower Upper  
75 100  
77 31.0 25.3 37.9  
39 50.9 47.0 70.4



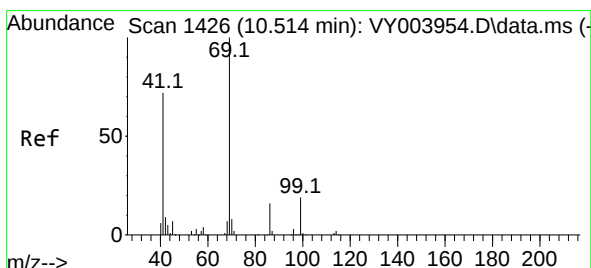
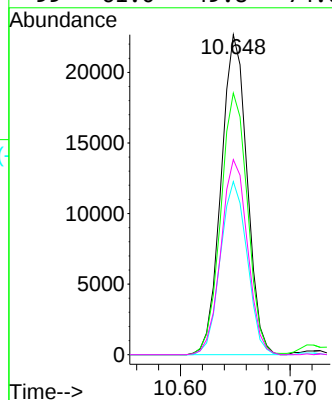
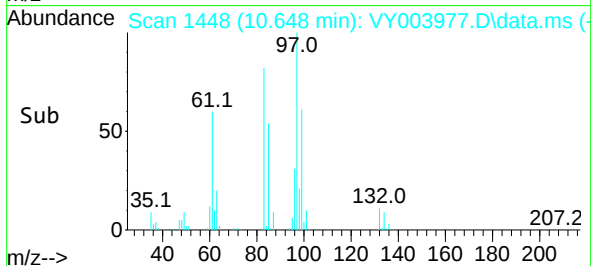


#55  
1,1,2-Trichloroethane  
Concen: 49.61 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

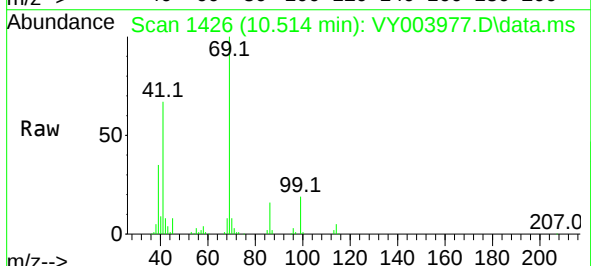
Instrument :  
MSVOA\_Y  
ClientSampleId :



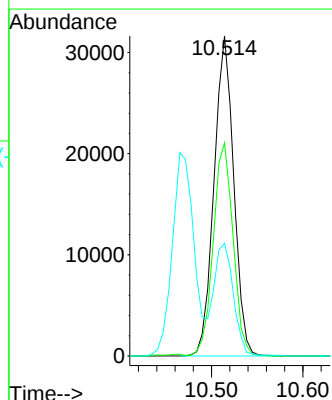
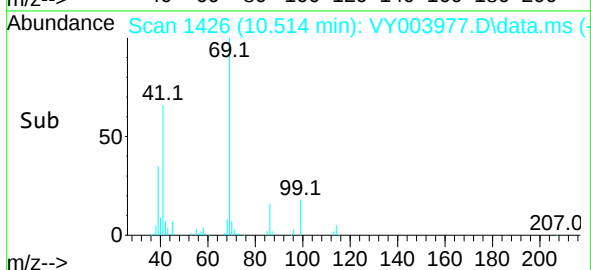
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 37275 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 81.8  | 70.6  | 106.0 |
| 85       | 54.1  | 45.8  | 68.8  |
| 99       | 61.0  | 49.8  | 74.6  |

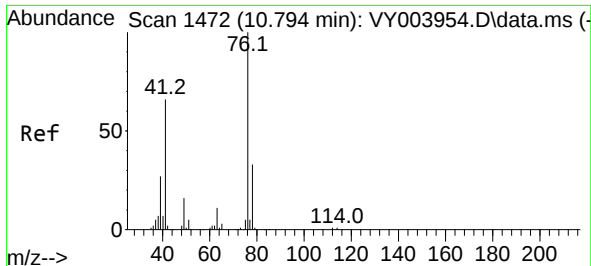


#56  
Ethyl methacrylate  
Concen: 44.16 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07



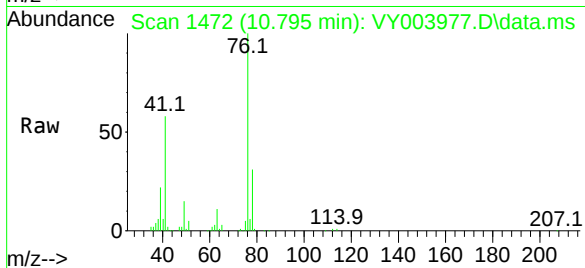
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 47370 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 66.9  | 59.6  | 89.4  |
| 39       | 34.0  | 31.9  | 47.9  |



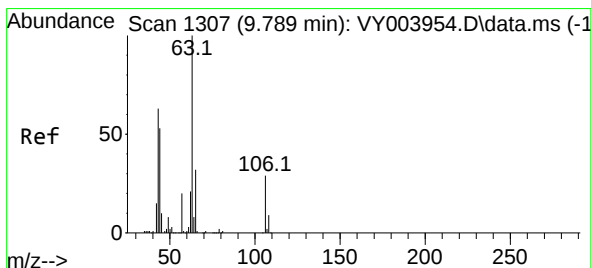
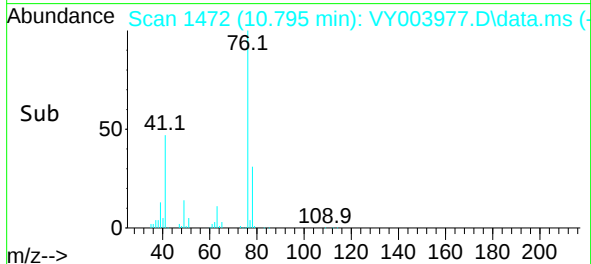
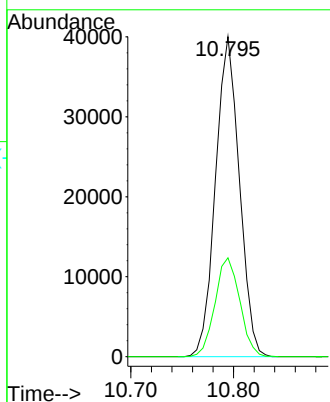


#57  
1,3-Dichloropropane  
Concen: 47.81 ug/l  
RT: 10.795 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Instrument :  
MSVOA\_Y  
ClientSampled :

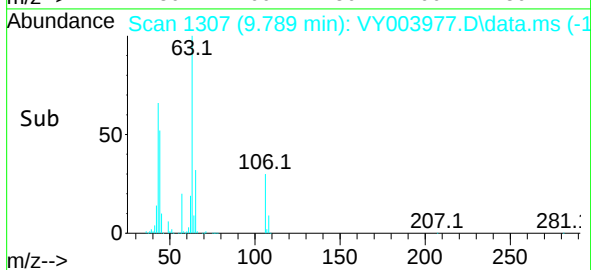
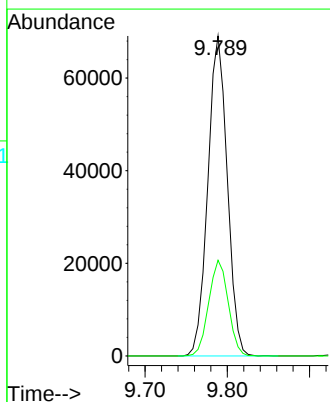
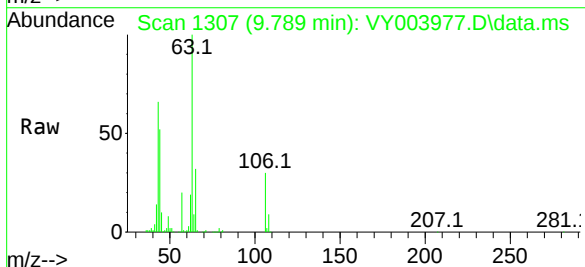


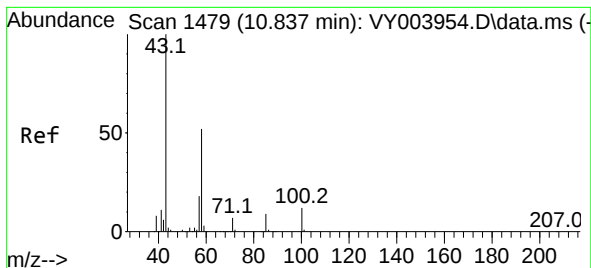
Tgt Ion: 76 Resp: 64354  
Ion Ratio Lower Upper  
76 100  
78 32.1 25.4 38.2



#58  
2-Chloroethyl Vinyl ether  
Concen: 232.97 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

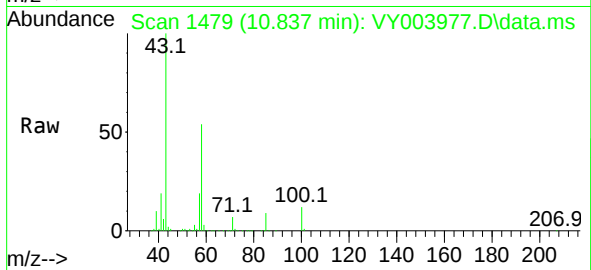
Tgt Ion: 63 Resp: 113319  
Ion Ratio Lower Upper  
63 100  
106 30.0 21.9 32.9



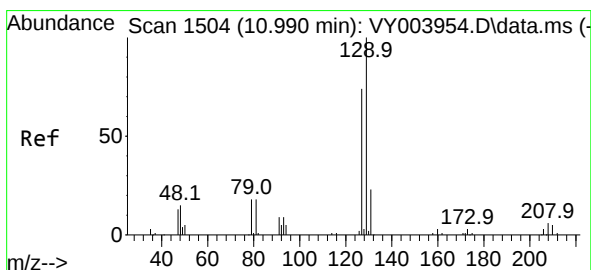
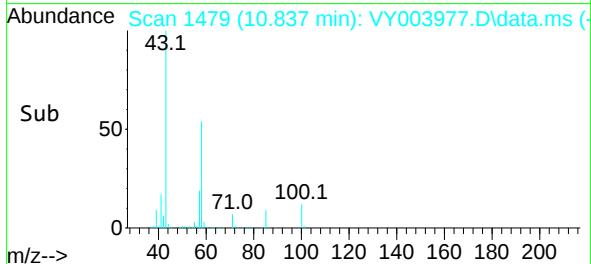
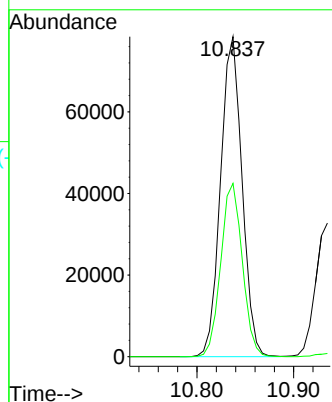


#59  
2-Hexanone  
Concen: 221.50 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Instrument :  
MSVOA\_Y  
ClientSampled :

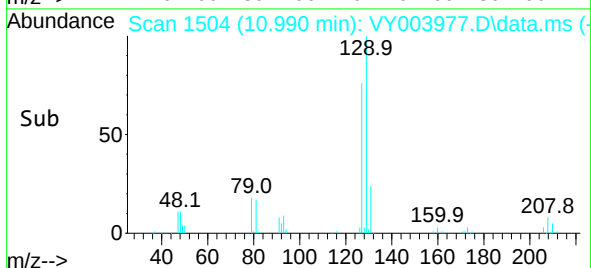
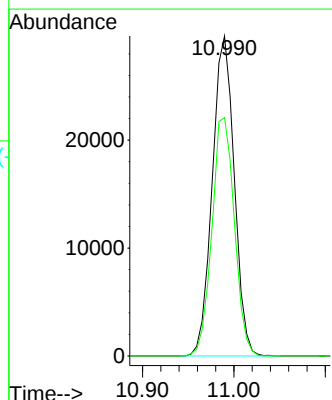
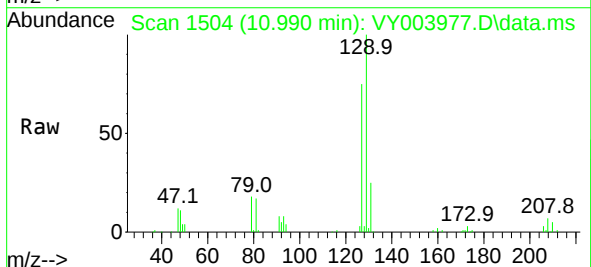


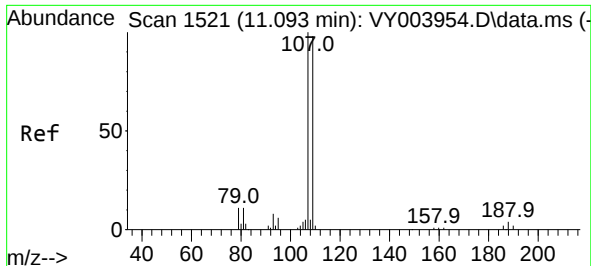
Tgt Ion: 43 Resp: 120965  
Ion Ratio Lower Upper  
43 100  
58 54.2 24.8 74.4



#60  
Dibromochloromethane  
Concen: 50.49 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion: 129 Resp: 49450  
Ion Ratio Lower Upper  
129 100  
127 76.2 39.1 117.3

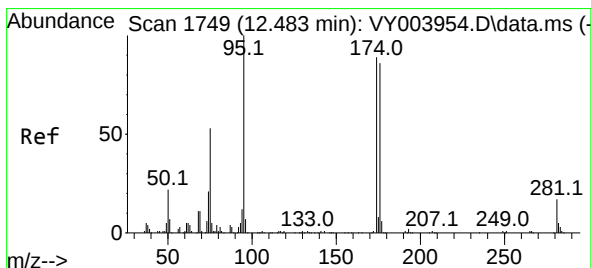
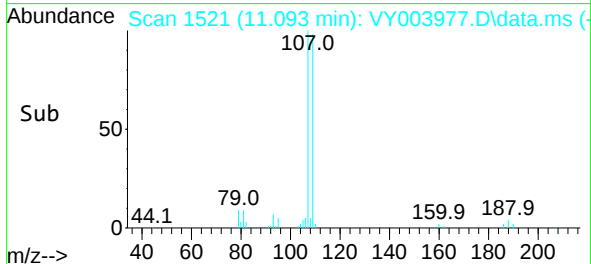
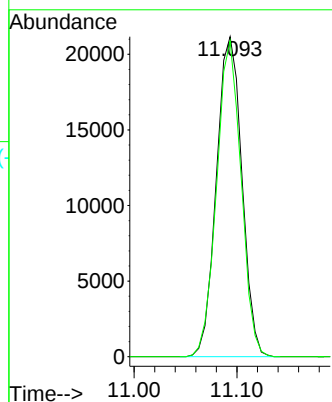
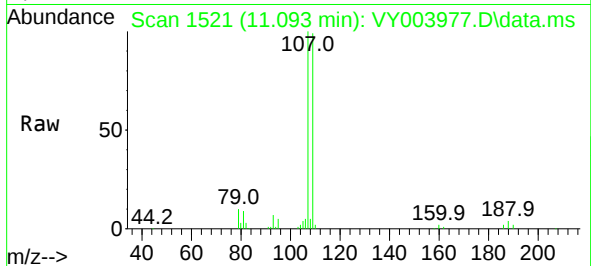




#61  
1,2-Dibromoethane  
Concen: 48.39 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

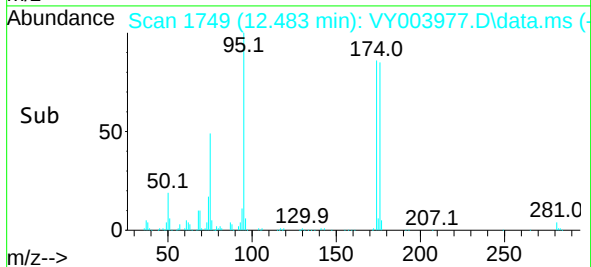
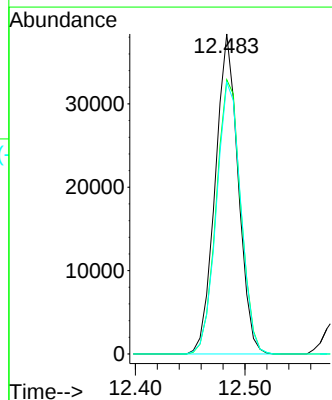
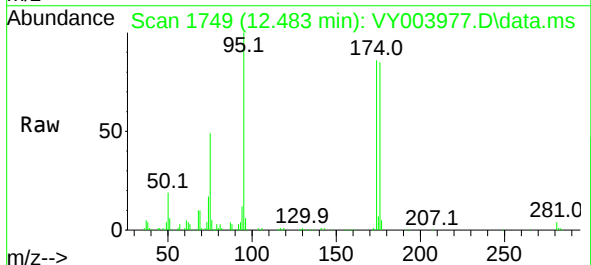
Instrument :  
MSVOA\_Y  
ClientSampleId :

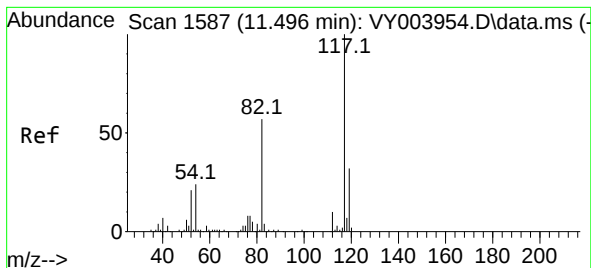
Tgt Ion:107 Resp: 36379  
Ion Ratio Lower Upper  
107 100  
109 94.6 74.0 111.0



#62  
4-Bromofluorobenzene  
Concen: 48.75 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion: 95 Resp: 55897  
Ion Ratio Lower Upper  
95 100  
174 91.2 0.0 184.4  
176 89.7 0.0 177.2

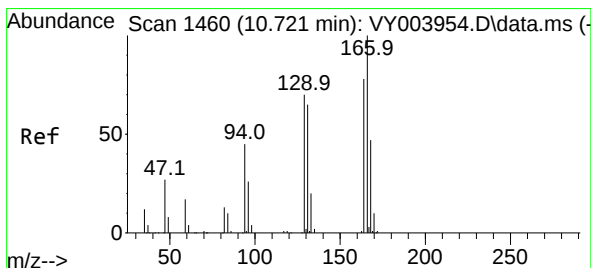
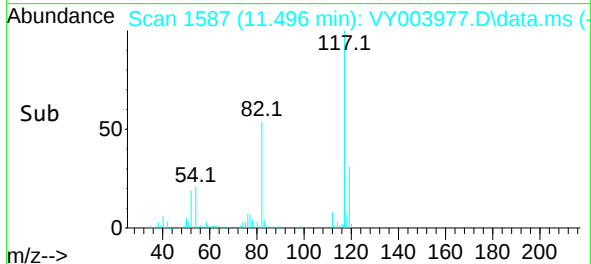
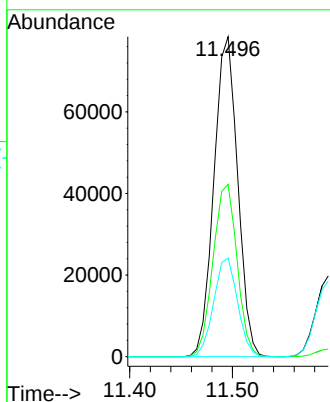
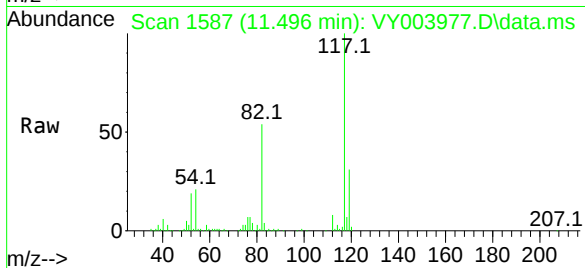




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

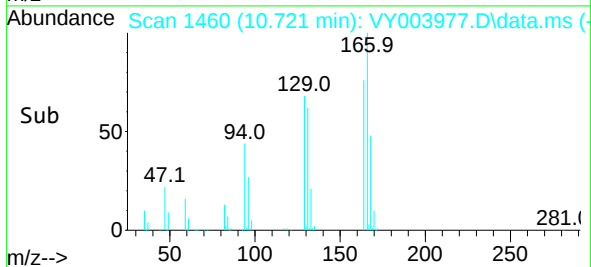
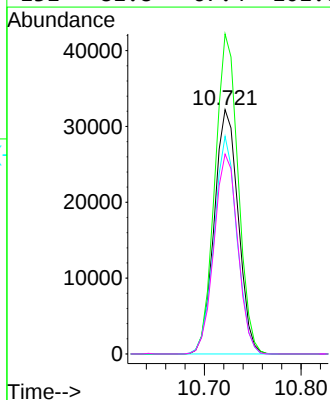
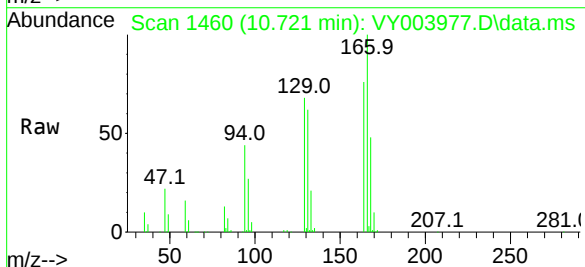
Instrument :  
MSVOA\_Y  
ClientSampleId :

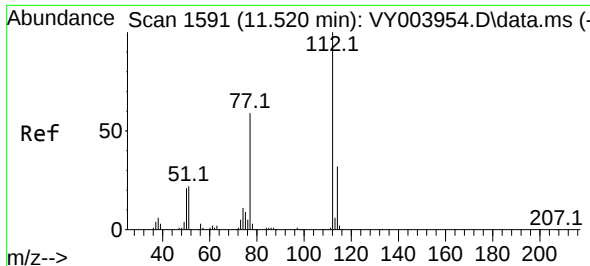
Tgt Ion:117 Resp: 125672  
Ion Ratio Lower Upper  
117 100  
82 53.8 44.3 66.5  
119 30.8 25.0 37.6



#64  
Tetrachloroethene  
Concen: 49.06 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion:164 Resp: 55288  
Ion Ratio Lower Upper  
164 100  
166 131.0 101.0 151.4  
129 89.1 68.9 103.3  
131 81.8 67.4 101.0

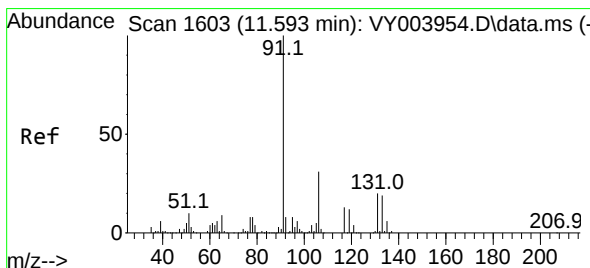
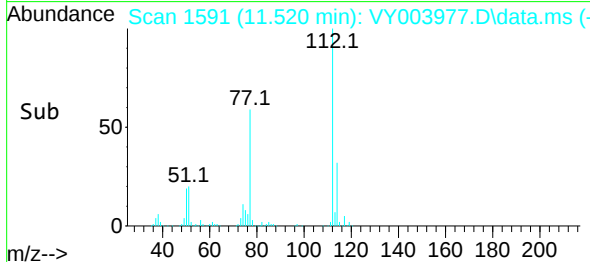
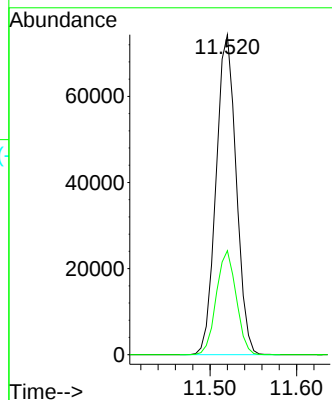
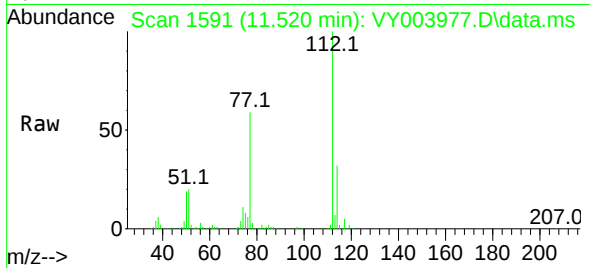




#65  
Chlorobenzene  
Concen: 47.09 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

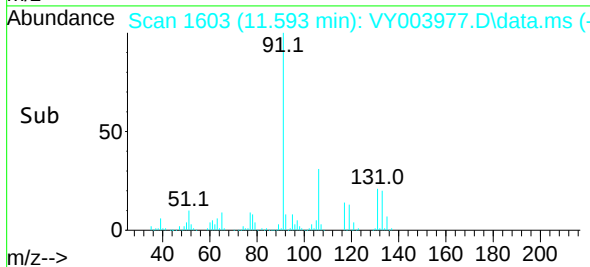
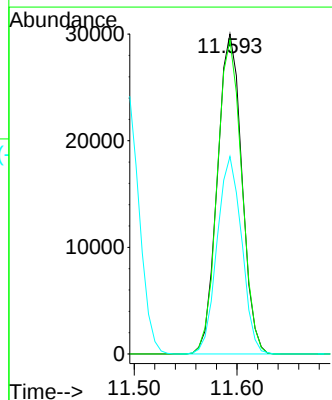
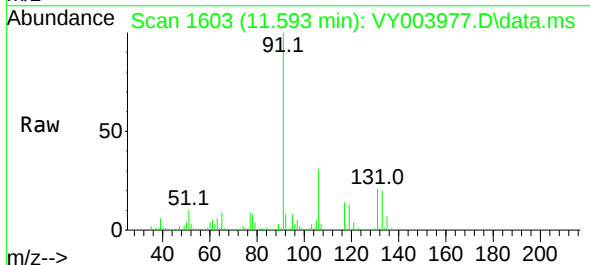
Instrument :  
MSVOA\_Y  
ClientSampled :

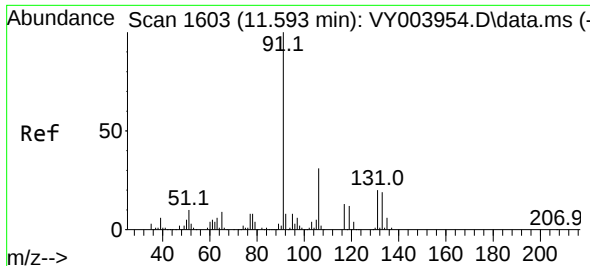
Tgt Ion:112 Resp: 119954  
Ion Ratio Lower Upper  
112 100  
114 32.5 26.1 39.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.91 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion:131 Resp: 49596  
Ion Ratio Lower Upper  
131 100  
133 98.1 47.4 142.2  
119 62.0 31.6 94.7

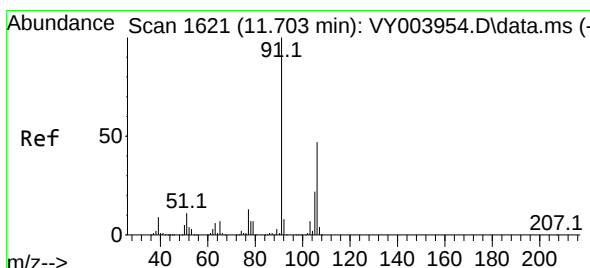
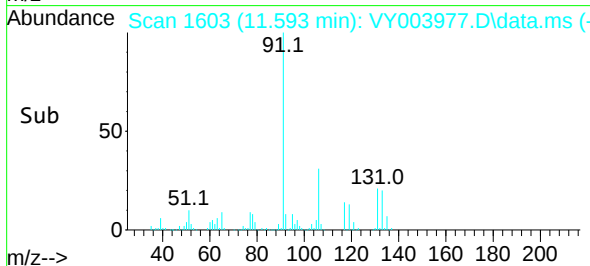
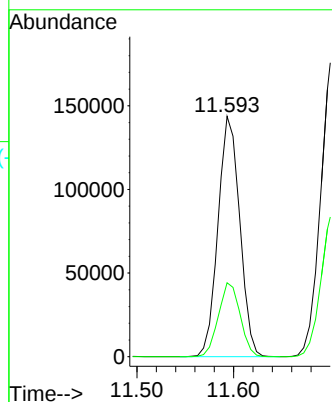
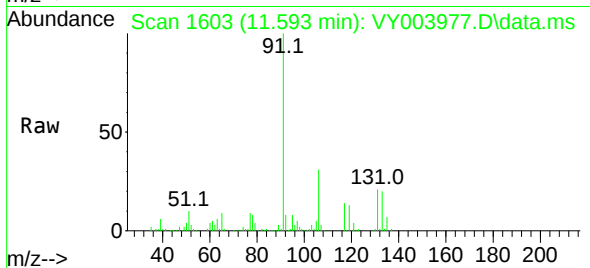




#67  
Ethyl Benzene  
Concen: 46.88 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

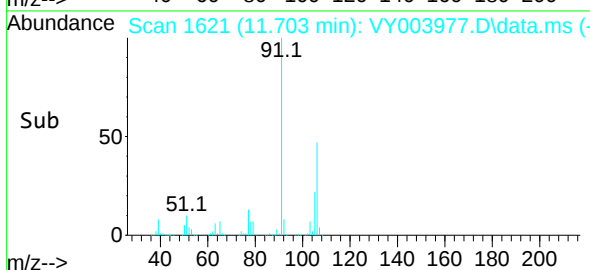
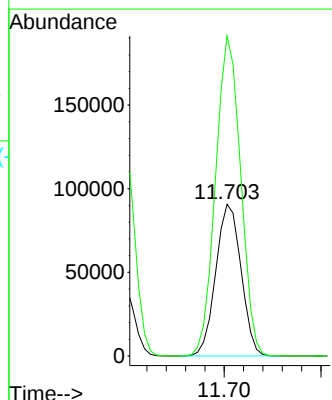
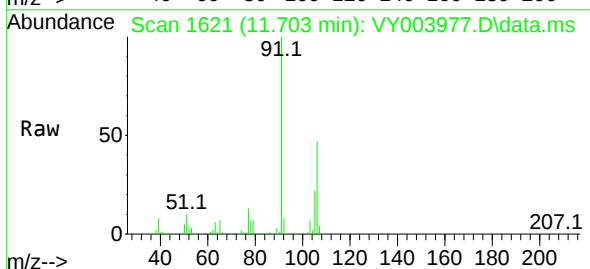
Instrument :  
MSVOA\_Y  
ClientSampleId :

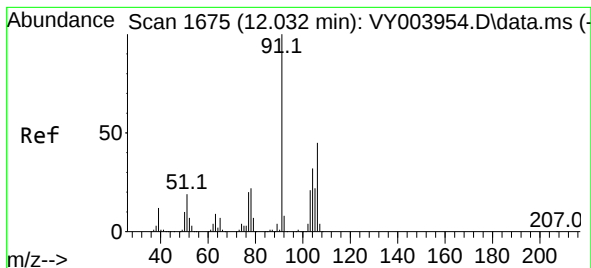
Tgt Ion: 91 Resp: 223899  
Ion Ratio Lower Upper  
91 100  
106 30.8 23.9 35.9



#68  
m/p-Xylenes  
Concen: 92.91 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion:106 Resp: 164453  
Ion Ratio Lower Upper  
106 100  
91 209.3 167.1 250.7

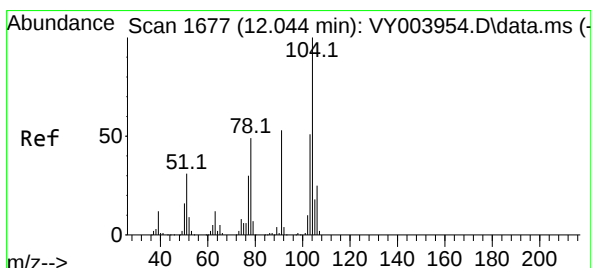
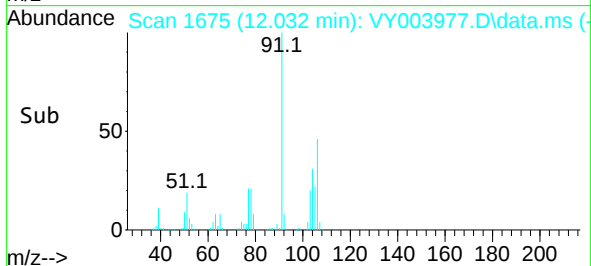
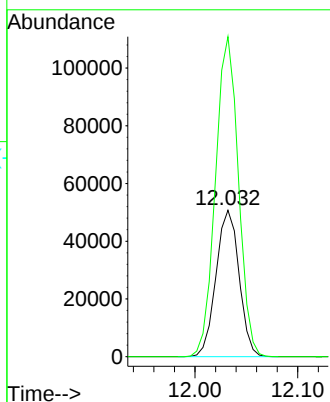
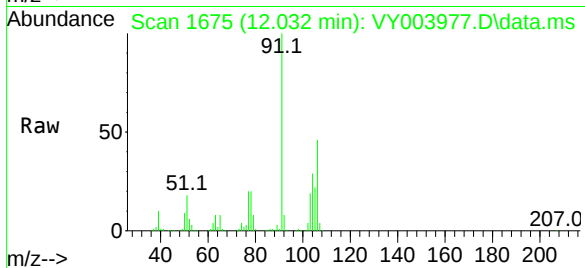




#69  
o-Xylene  
Concen: 47.97 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

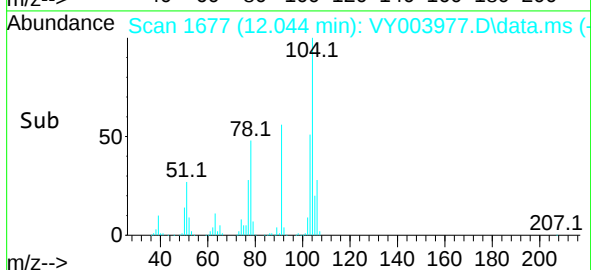
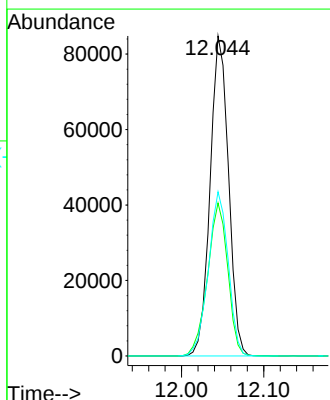
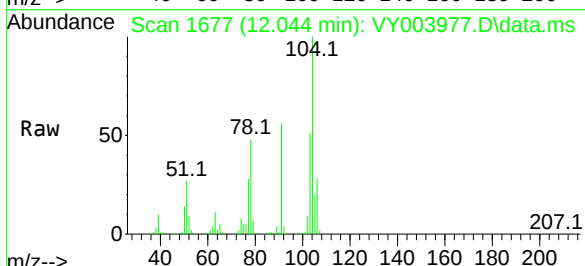
Instrument :  
MSVOA\_Y  
ClientSampled :

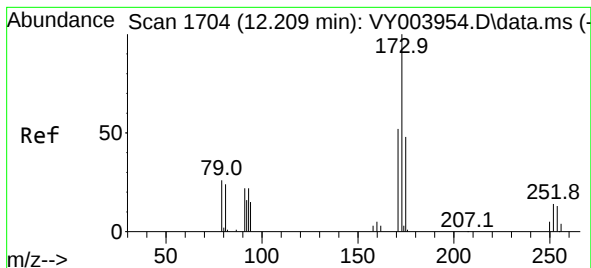
Tgt Ion:106 Resp: 78990  
Ion Ratio Lower Upper  
106 100  
91 217.4 110.8 332.4



#70  
Styrene  
Concen: 46.42 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion:104 Resp: 131887  
Ion Ratio Lower Upper  
104 100  
78 52.4 43.0 64.4  
103 55.4 45.0 67.4





#71

Bromoform

Concen: 50.80 ug/l

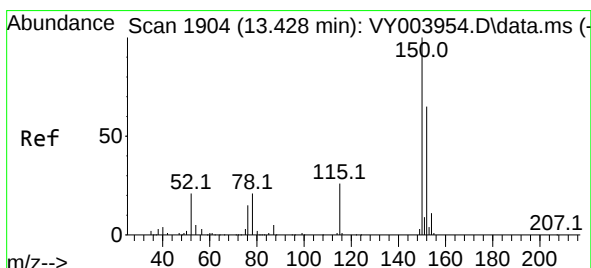
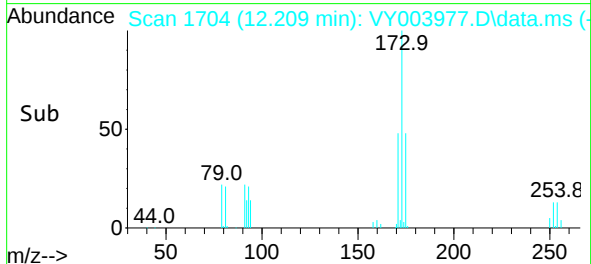
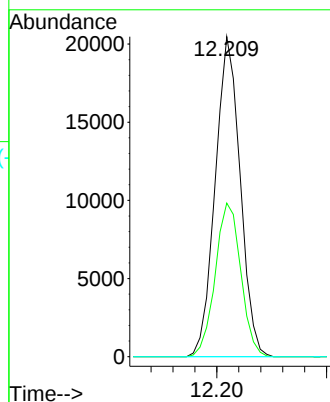
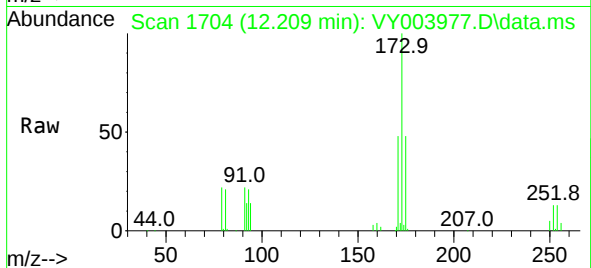
RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY003977.D

Acq: 03 Feb 2021 22:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 32308 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 49.2  | 23.4  | 70.2  |
| 254       | 0.0   | 0.0   | 0.0   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

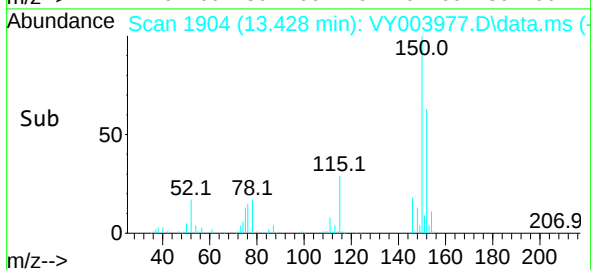
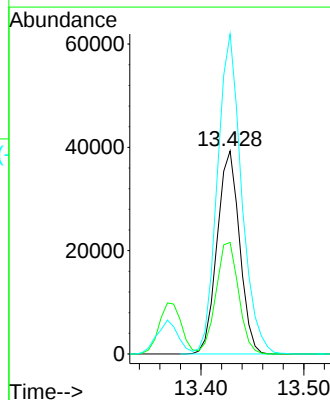
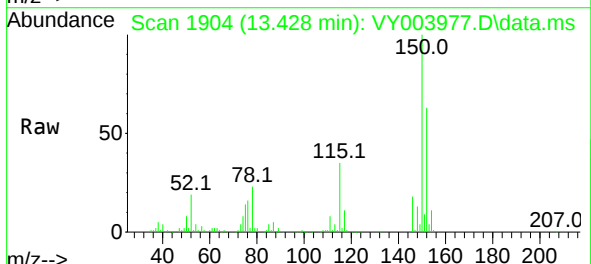
RT: 13.428 min Scan# 1904

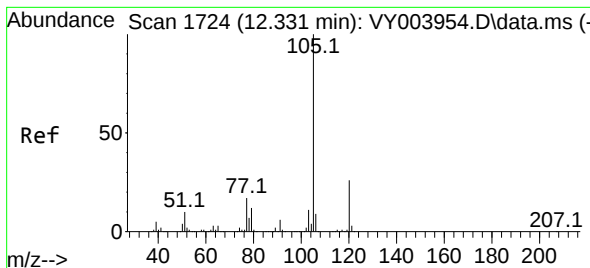
Delta R.T. 0.000 min

Lab File: VY003977.D

Acq: 03 Feb 2021 22:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 59499 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 55.2  | 28.2  | 84.6  |
| 150       | 169.7 | 0.0   | 356.2 |





#73

Isopropylbenzene

Concen: 50.44 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY003977.D

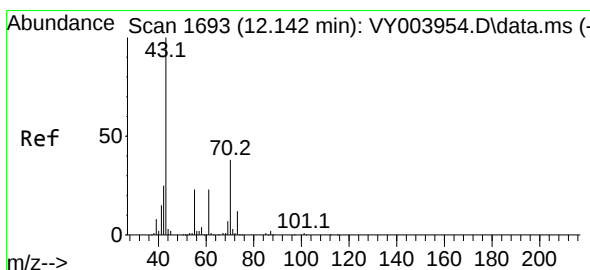
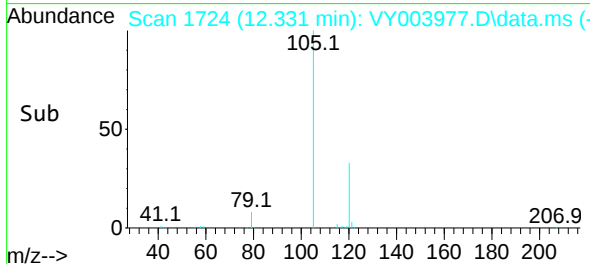
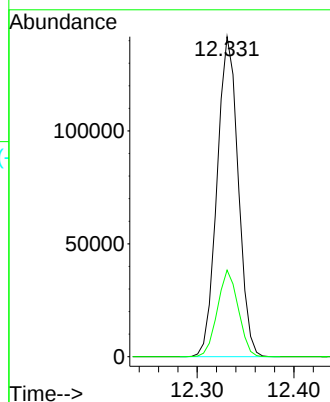
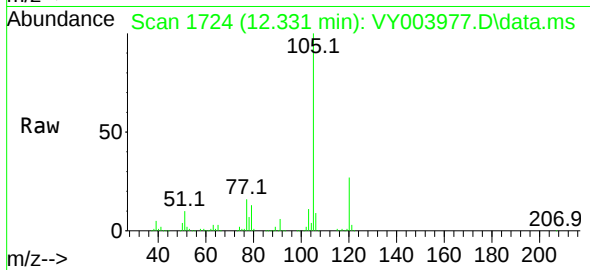
Acq: 03 Feb 2021 22:07

Tgt Ion:105 Resp: 214799

Ion Ratio Lower Upper

105 100

120 26.6 13.6 40.8



#74

N-ethyl acetate

Concen: 38.82 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY003977.D

Acq: 03 Feb 2021 22:07

Tgt Ion: 43 Resp: 48592

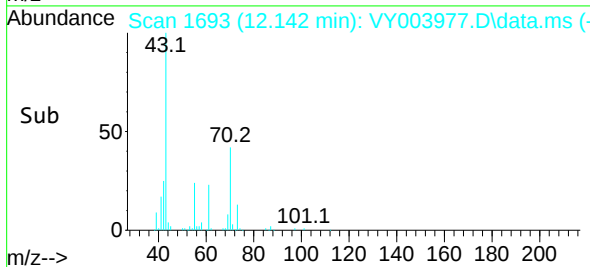
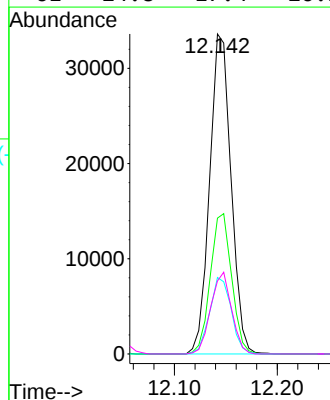
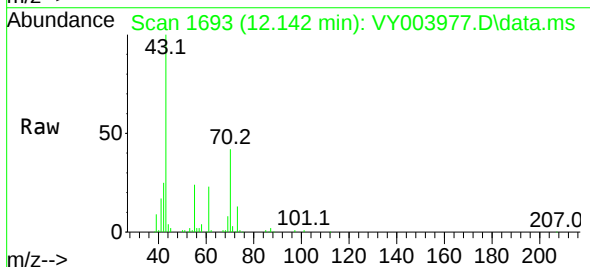
Ion Ratio Lower Upper

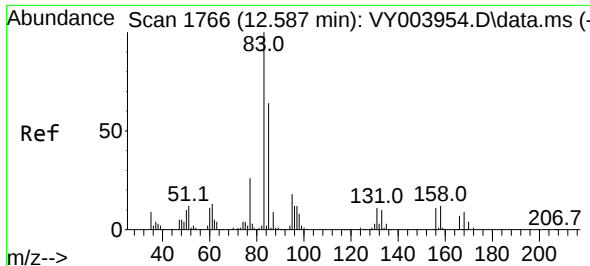
43 100

70 43.6 29.6 44.4

55 24.2 18.4 27.6

61 24.8 17.4 26.2

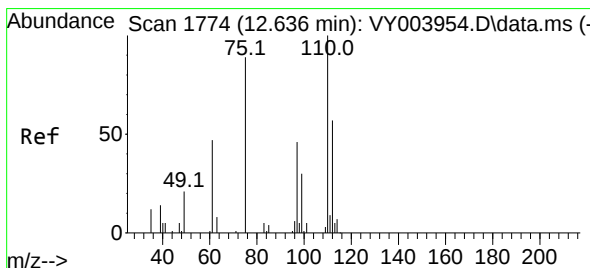
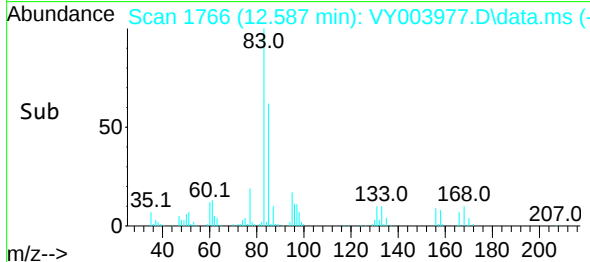
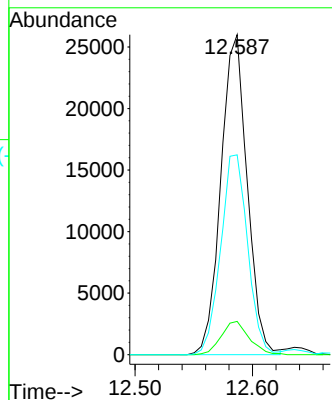
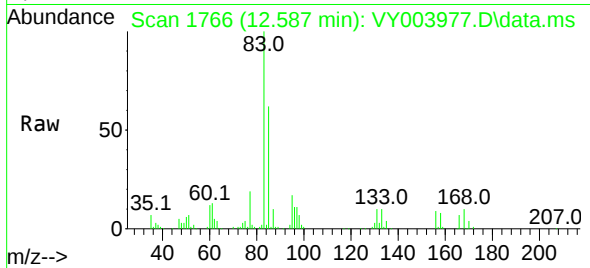




#75  
1,1,2,2-Tetrachloroethane  
Concen: 52.36 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

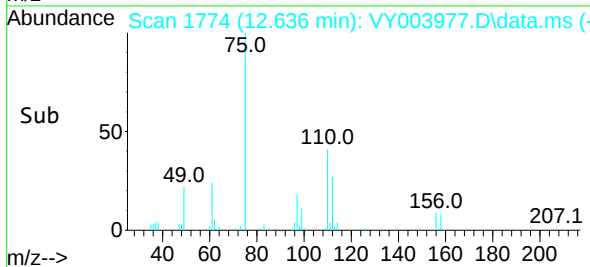
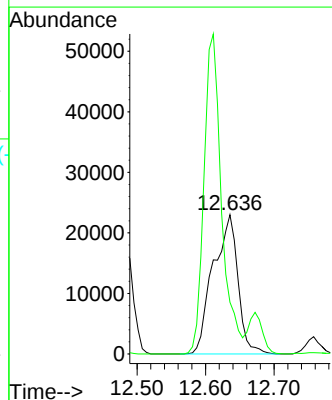
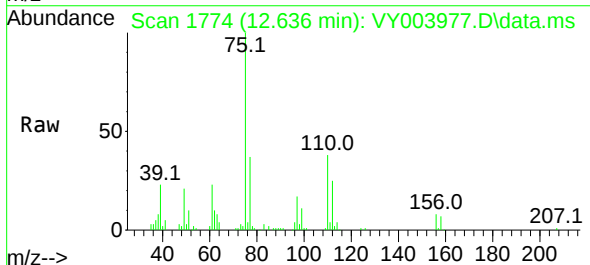
Instrument :  
MSVOA\_Y  
ClientSampleId :

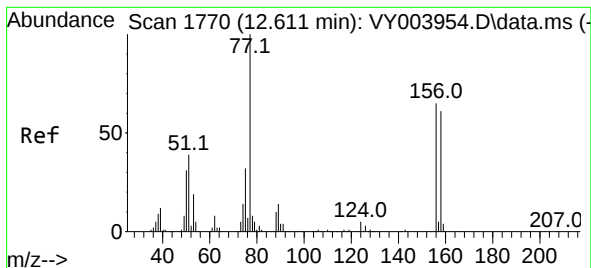
Tgt Ion: 83 Resp: 40438  
Ion Ratio Lower Upper  
83 100  
131 11.1 5.3 16.1  
85 64.2 31.6 94.8



#76  
1,2,3-Trichloropropane  
Concen: 96.29 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion: 75 Resp: 57719  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

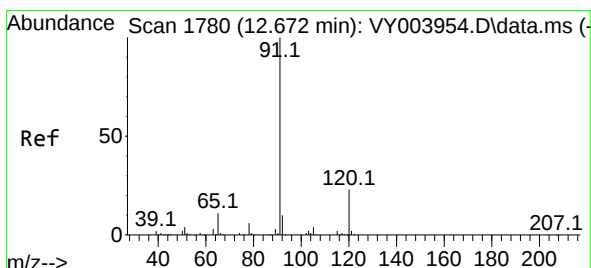
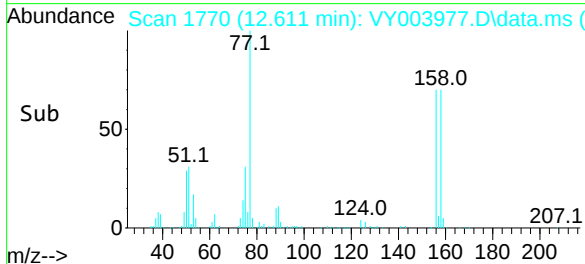
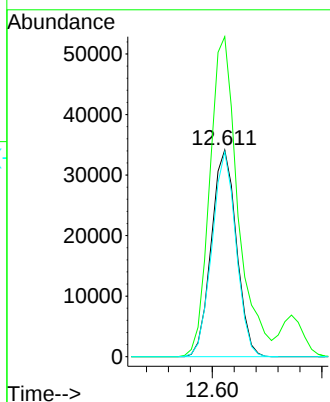
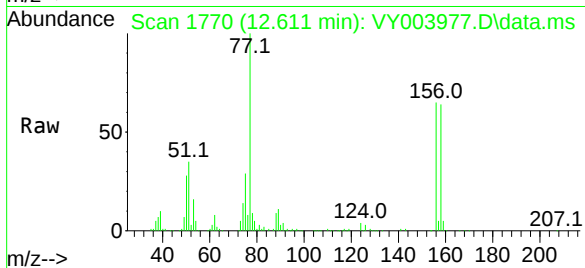




#77  
Bromobenzene  
Concen: 51.37 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

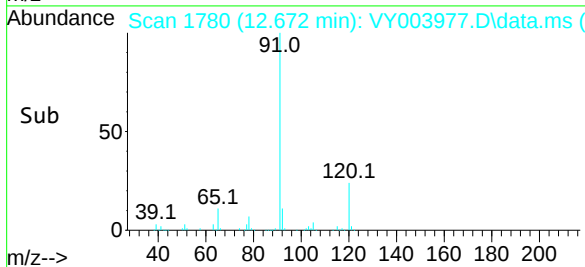
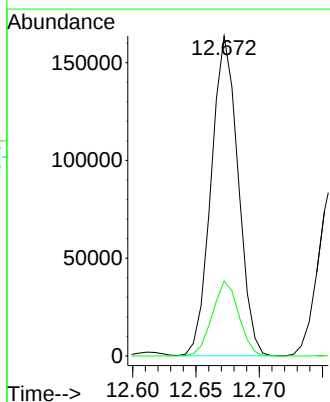
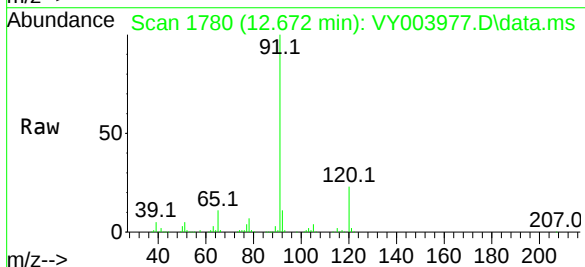
Instrument :  
MSVOA\_Y  
ClientSampled :

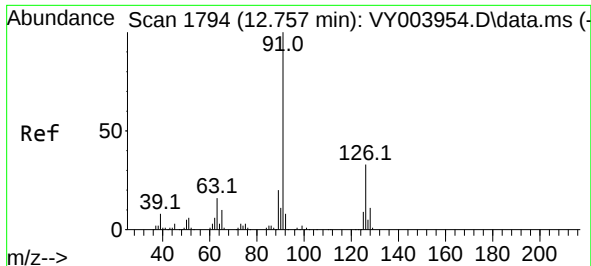
Tgt Ion:156 Resp: 54225  
Ion Ratio Lower Upper  
156 100  
77 174.4 93.8 281.6  
158 95.3 48.8 146.4



#78  
n-propylbenzene  
Concen: 47.73 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion: 91 Resp: 241853  
Ion Ratio Lower Upper  
91 100  
120 23.0 11.4 34.2

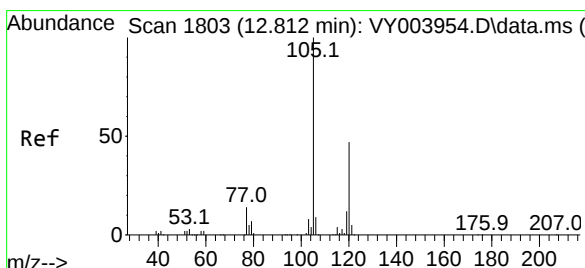
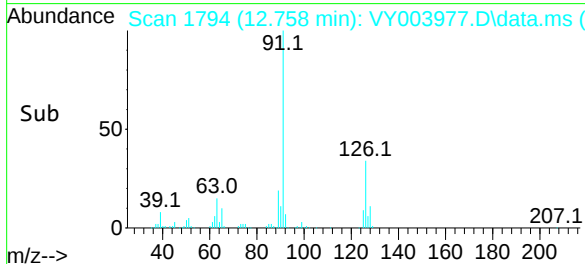
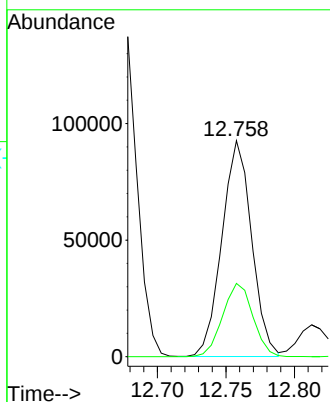
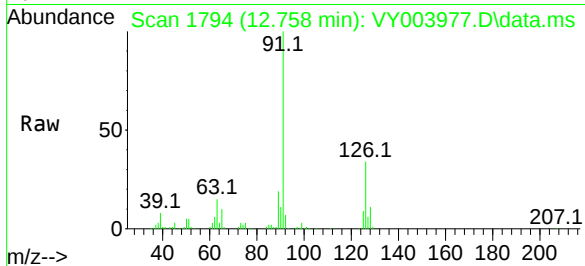




#79  
2-Chlorotoluene  
Concen: 48.21 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

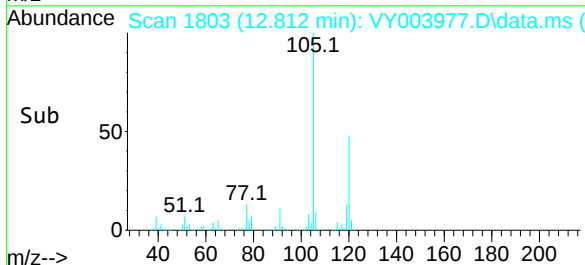
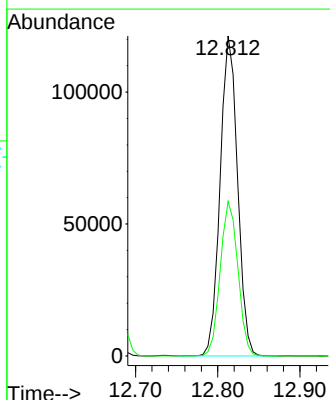
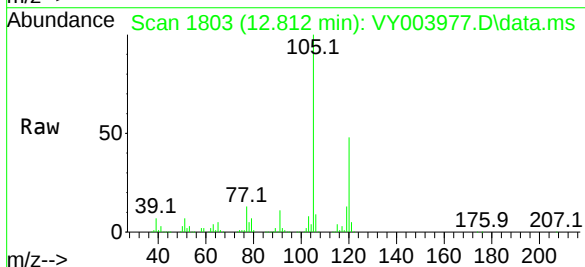
Instrument :  
MSVOA\_Y  
ClientSampled :

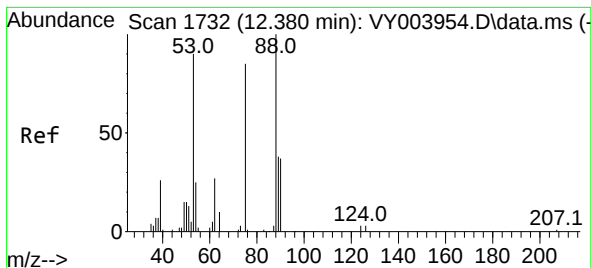
Tgt Ion: 91 Resp: 139895  
Ion Ratio Lower Upper  
91 100  
126 34.5 16.7 50.1



#80  
1,3,5-Trimethylbenzene  
Concen: 48.91 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

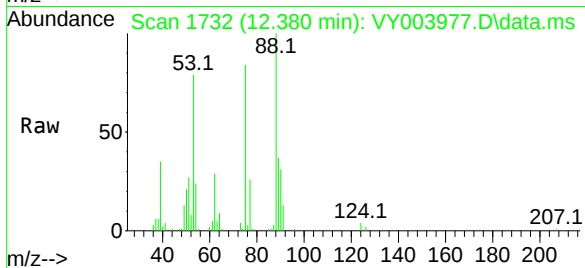
Tgt Ion: 105 Resp: 178748  
Ion Ratio Lower Upper  
105 100  
120 48.9 23.9 71.7



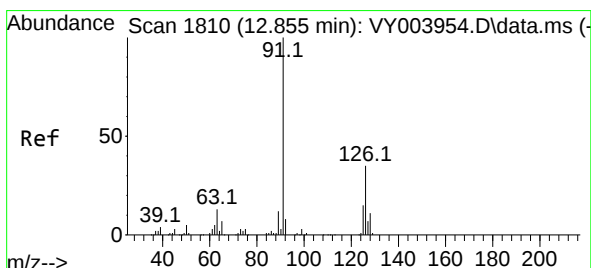
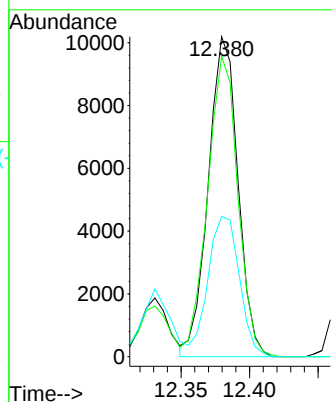
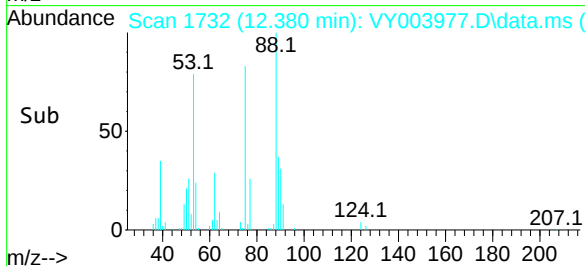


#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.87 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

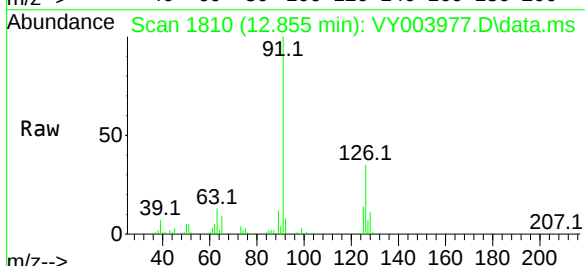
Instrument :  
MSVOA\_Y  
ClientSampleId :



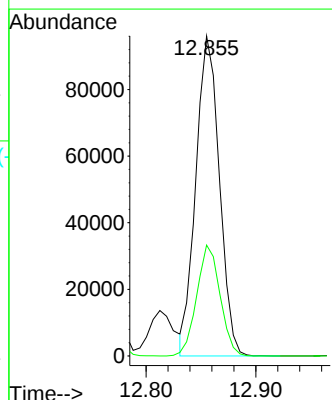
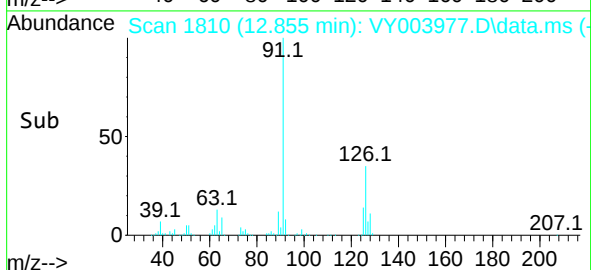
Tgt Ion: 75 Resp: 15327  
Ion Ratio Lower Upper  
75 100  
53 95.9 78.2 117.2  
89 46.2 34.8 52.2

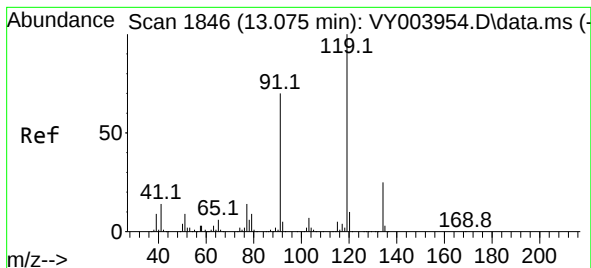


#82  
4-Chlorotoluene  
Concen: 46.70 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07



Tgt Ion: 91 Resp: 143329  
Ion Ratio Lower Upper  
91 100  
126 34.4 16.9 50.6

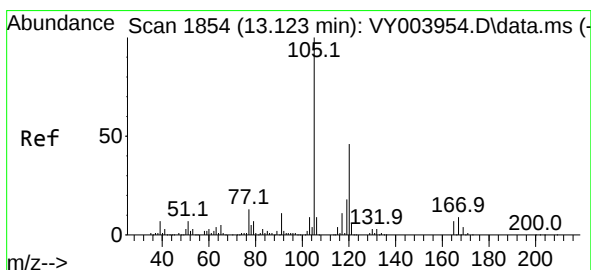
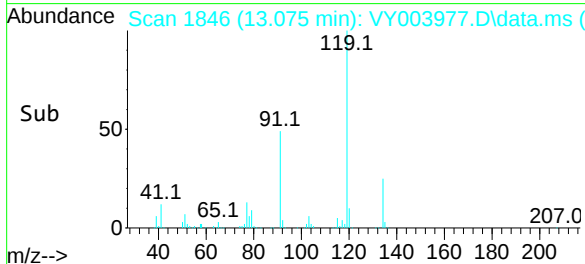
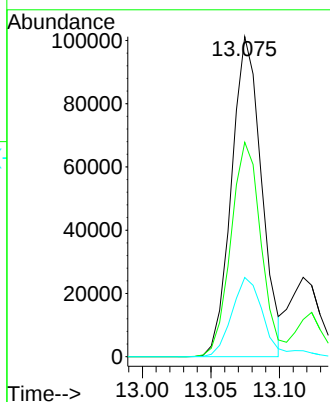
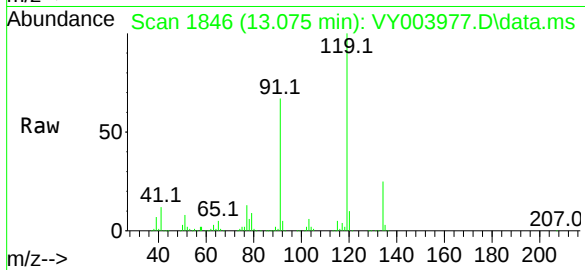




#83  
tert-Butylbenzene  
Concen: 50.72 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

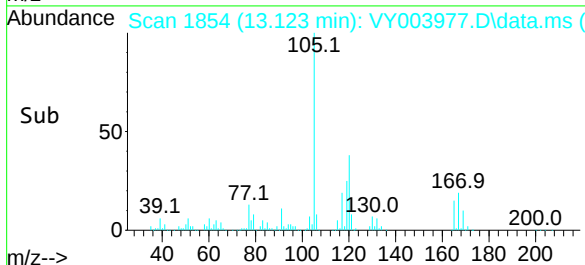
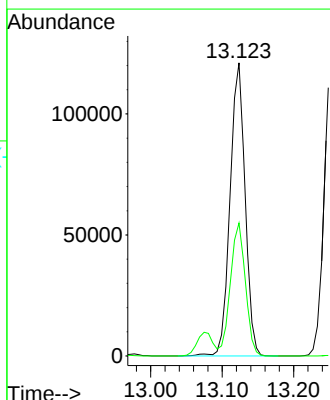
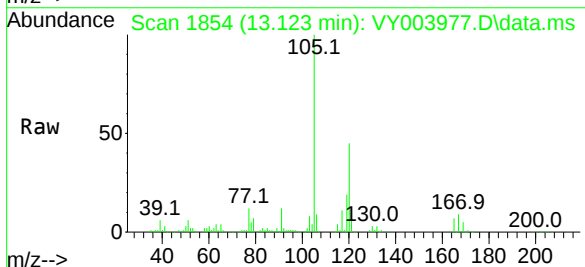
Instrument :  
MSVOA\_Y  
ClientSampleId :

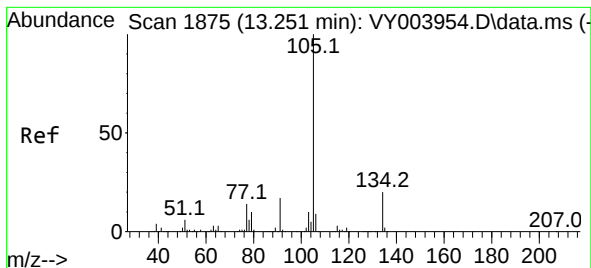
Tgt Ion:119 Resp: 154121  
Ion Ratio Lower Upper  
119 100  
91 67.8 35.1 105.3  
134 26.6 13.2 39.5



#84  
1,2,4-Trimethylbenzene  
Concen: 48.30 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion:105 Resp: 176926  
Ion Ratio Lower Upper  
105 100  
120 45.2 22.2 66.6

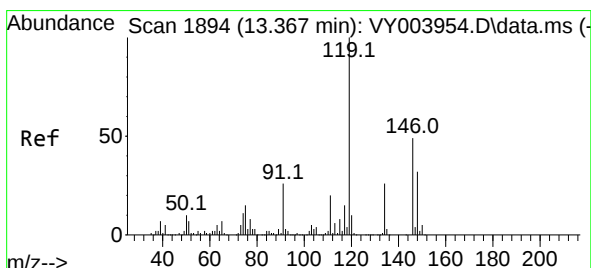
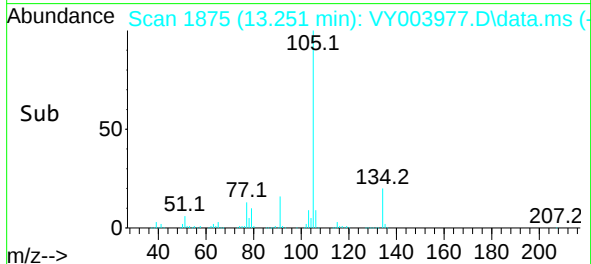
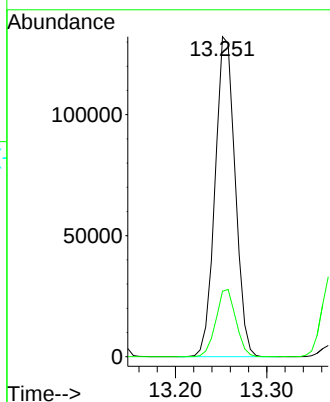
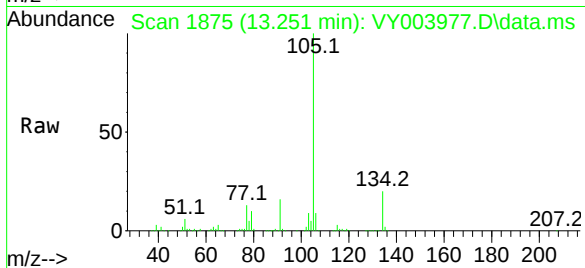




#85  
 sec-Butylbenzene  
 Concen: 47.97 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY003977.D  
 Acq: 03 Feb 2021 22:07

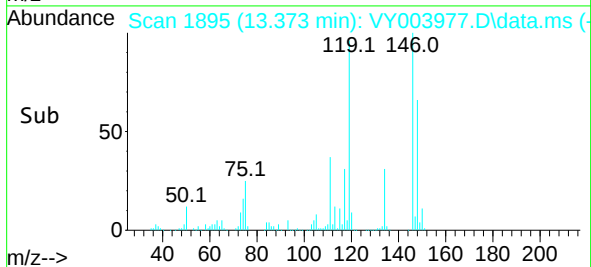
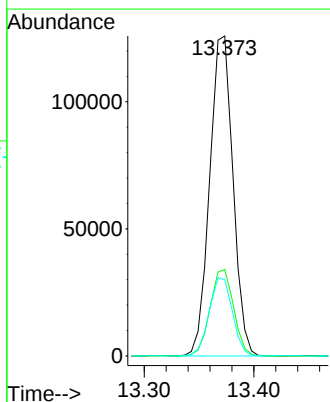
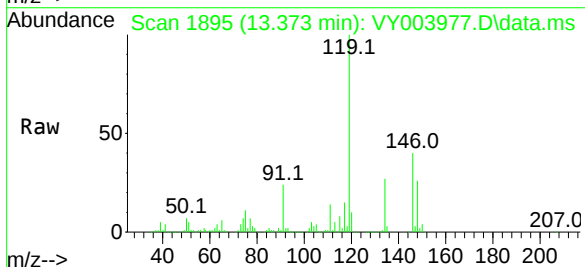
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

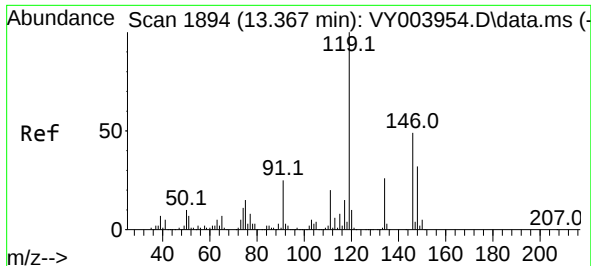
Tgt Ion:105 Resp: 201978  
 Ion Ratio Lower Upper  
 105 100  
 134 20.9 10.2 30.6



#86  
 p-Isopropyltoluene  
 Concen: 47.39 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.006 min  
 Lab File: VY003977.D  
 Acq: 03 Feb 2021 22:07

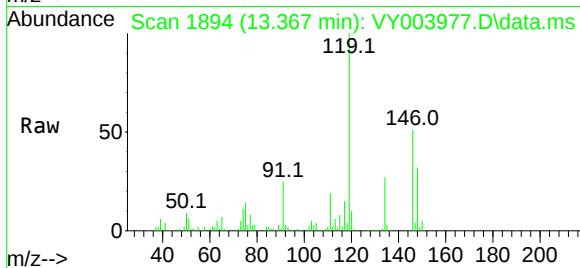
Tgt Ion:119 Resp: 186159  
 Ion Ratio Lower Upper  
 119 100  
 134 27.2 13.5 40.5  
 91 24.5 12.8 38.3



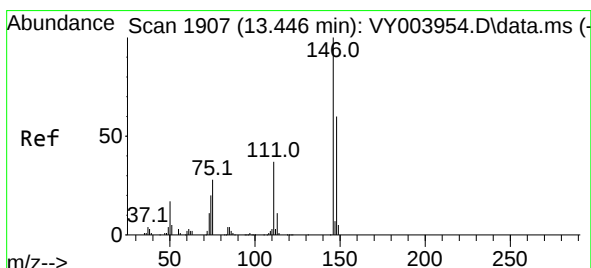
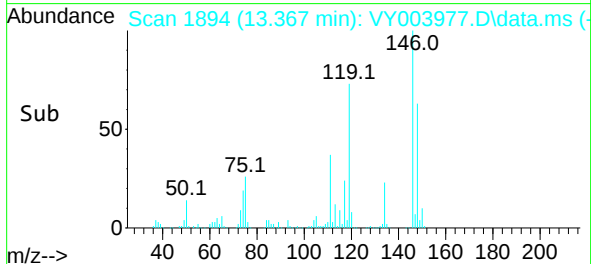
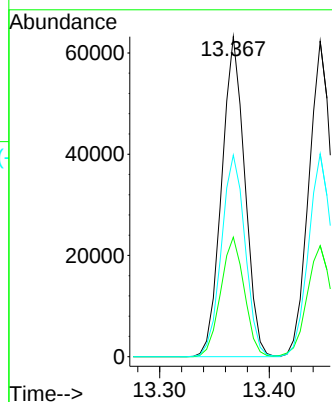


#87  
1,3-Dichlorobenzene  
Concen: 46.58 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Instrument :  
MSVOA\_Y  
ClientSampleId :

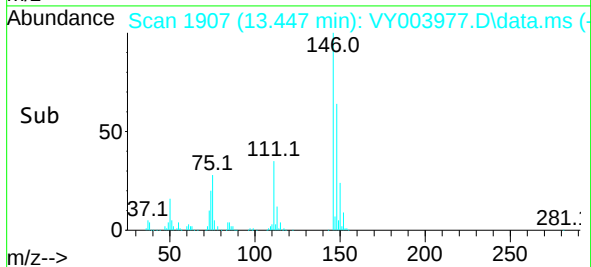
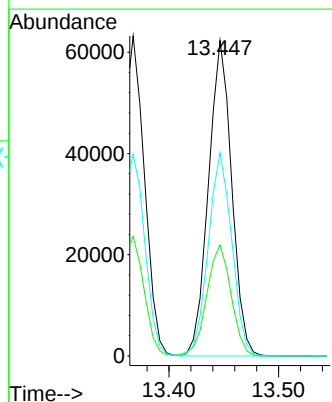
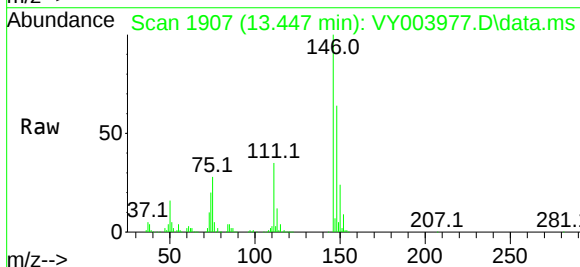


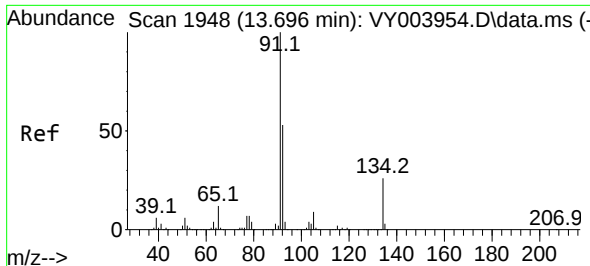
Tgt Ion:146 Resp: 92668  
Ion Ratio Lower Upper  
146 100  
111 38.0 19.5 58.5  
148 64.6 31.7 95.1



#88  
1,4-Dichlorobenzene  
Concen: 46.66 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion:146 Resp: 91675  
Ion Ratio Lower Upper  
146 100  
111 36.9 18.9 56.9  
148 65.4 32.3 96.8

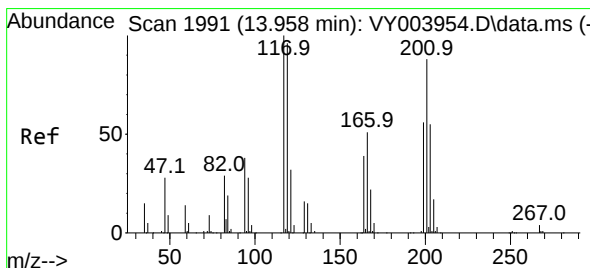
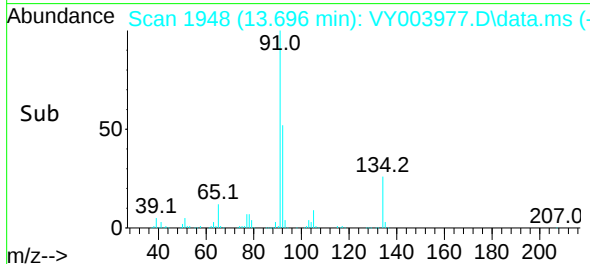
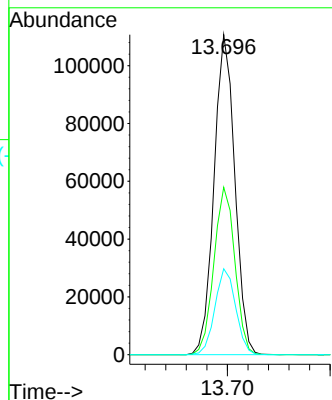
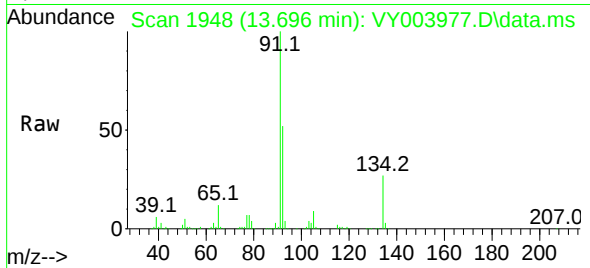




#89  
n-Butylbenzene  
Concen: 42.59 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

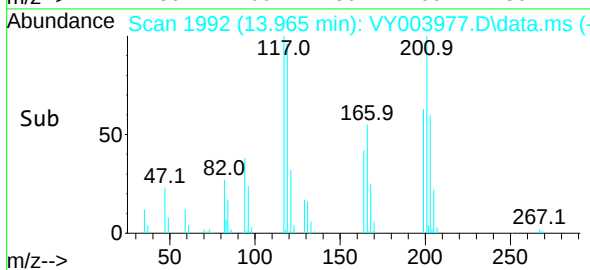
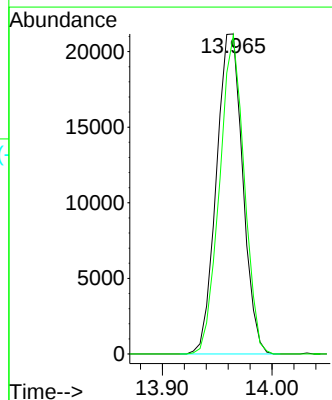
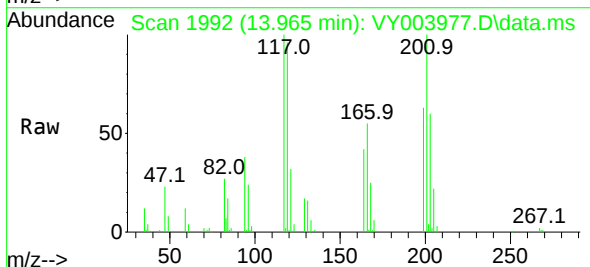
Instrument :  
MSVOA\_Y  
ClientSampled :

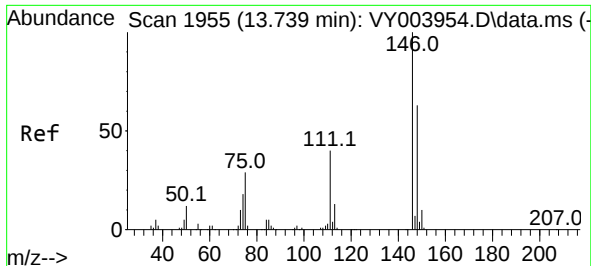
Tgt Ion: 91 Resp: 155329  
Ion Ratio Lower Upper  
91 100  
92 52.8 26.4 79.2  
134 26.8 13.2 39.5



#90  
Hexachloroethane  
Concen: 49.19 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. 0.006 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion: 117 Resp: 35370  
Ion Ratio Lower Upper  
117 100  
201 92.9 45.5 136.5

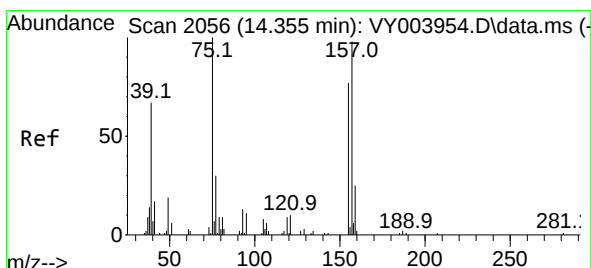
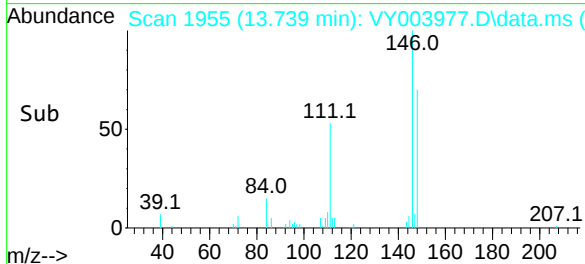
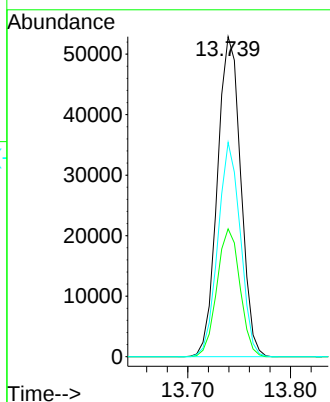
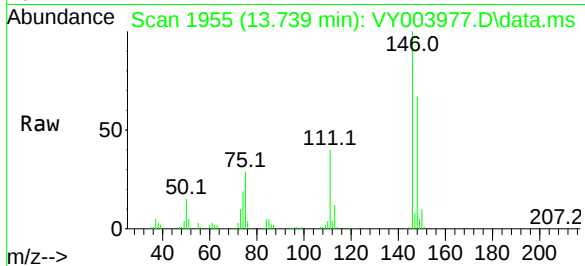




#91  
1,2-Dichlorobenzene  
Concen: 47.05 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

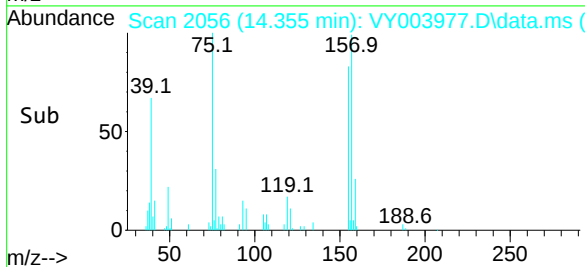
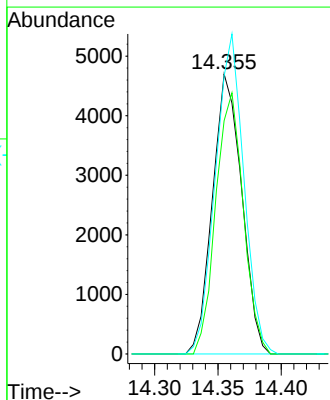
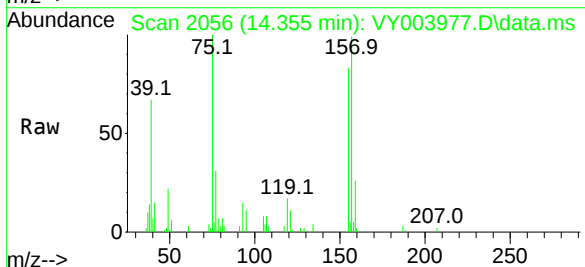
Instrument :  
MSVOA\_Y  
ClientSampled :

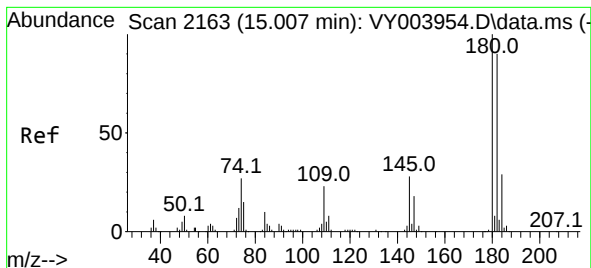
Tgt Ion:146 Resp: 83398  
Ion Ratio Lower Upper  
146 100  
111 39.4 20.3 61.0  
148 64.2 32.4 97.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 47.42 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion: 75 Resp: 7550  
Ion Ratio Lower Upper  
75 100  
155 88.1 37.6 112.9  
157 111.1 50.4 151.2

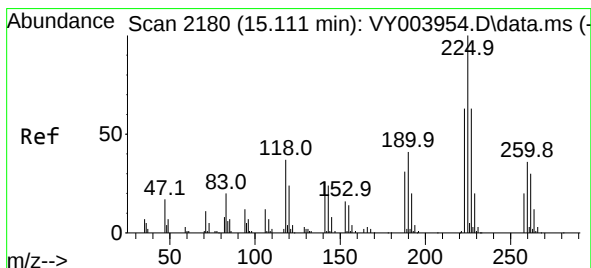
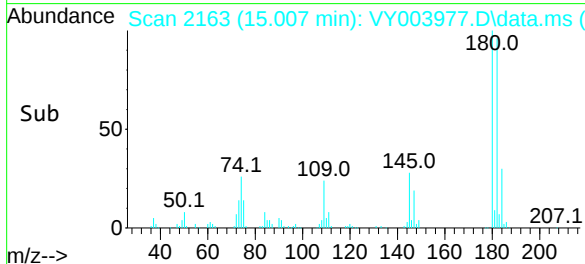
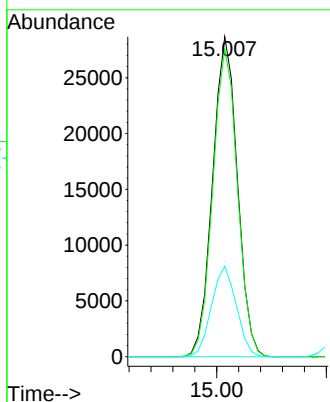
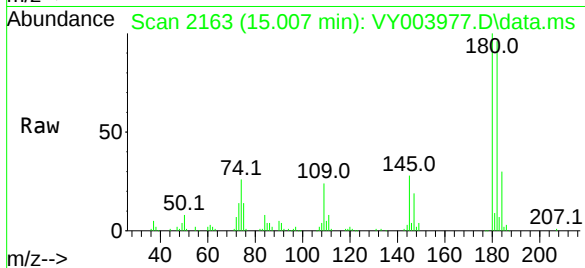




#93  
1,2,4-Trichlorobenzene  
Concen: 36.66 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

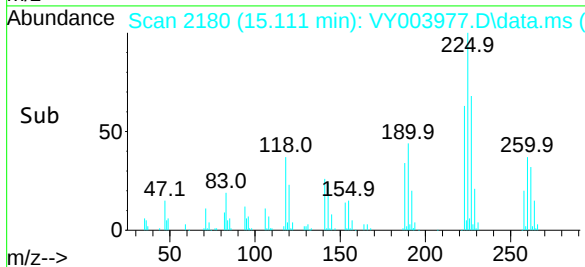
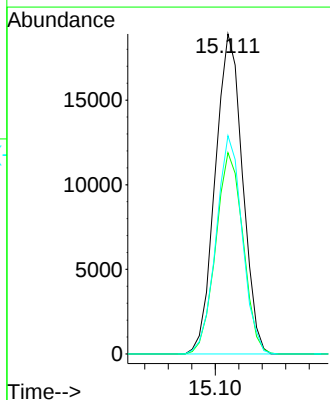
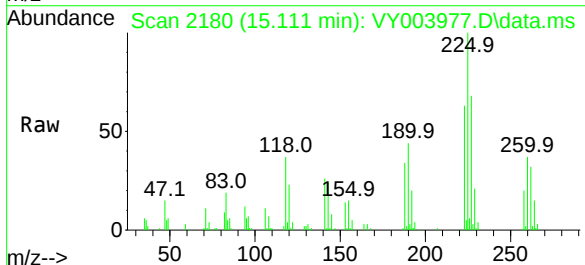
Instrument :  
MSVOA\_Y  
ClientSampleId :

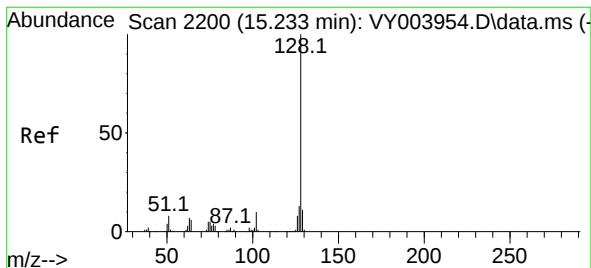
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 44969 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.8  | 48.1  | 144.3 |
| 145       | 28.3  | 14.8  | 44.3  |



#94  
Hexachlorobutadiene  
Concen: 38.71 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 30519 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 62.8  | 31.2  | 93.6  |
| 227       | 65.5  | 32.6  | 97.7  |

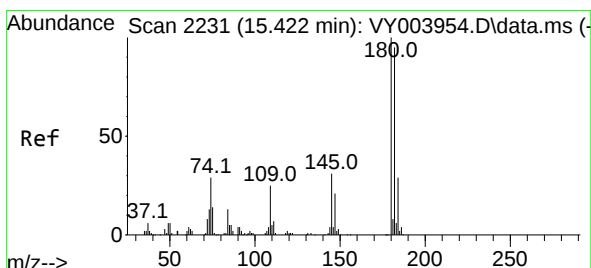
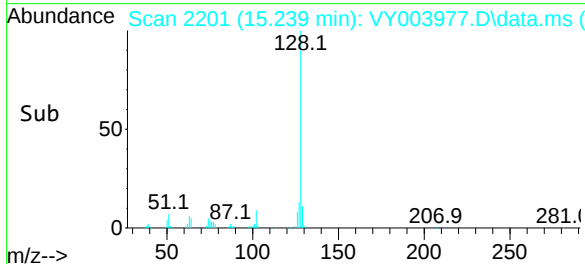
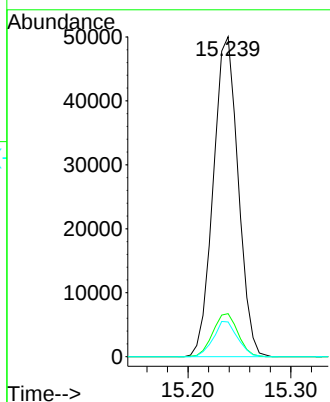
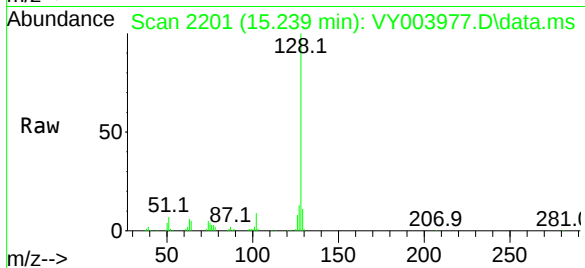




#95  
Naphthalene  
Concen: 36.46 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. 0.006 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Instrument :  
MSVOA\_Y  
ClientSampled :

Tgt Ion:128 Resp: 83950  
Ion Ratio Lower Upper  
128 100  
127 13.6 11.4 17.0  
129 10.8 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 35.98 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. 0.000 min  
Lab File: VY003977.D  
Acq: 03 Feb 2021 22:07

Tgt Ion:180 Resp: 38028  
Ion Ratio Lower Upper  
180 100  
182 94.9 47.7 143.1  
145 29.8 15.2 45.6

