

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY020321\  
 Data File : VY003983.D  
 Acq On : 04 Feb 2021 00:27  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5mL/MSVOA\_Y/SOIL  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Feb 04 01:26:43 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  | 88360    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.697  | 114  | 134191   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 123624   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 65468    | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 46532    | 47.89    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 95.78%  |
| 35) Dibromofluoromethane    | 7.728  | 113   | 39466    | 50.30    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 100.60% |
| 50) Toluene-d8              | 10.185 | 98    | 149066   | 48.41    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 96.82%  |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 57605    | 51.32    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 102.64% |

|                              |       |     |        |        |        |        |
|------------------------------|-------|-----|--------|--------|--------|--------|
| Target Compounds             |       |     |        |        |        | Qvalue |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 38375  | 43.81  | ug/l   | 95     |
| 3) Chloromethane             | 2.119 | 50  | 44908  | 40.71  | ug/l   | 94     |
| 4) Vinyl Chloride            | 2.260 | 62  | 50121  | 43.58  | ug/l   | 98     |
| 5) Bromomethane              | 2.662 | 94  | 34801  | 42.48  | ug/l   | 95     |
| 6) Chloroethane              | 2.802 | 64  | 29481  | 40.90  | ug/l   | 96     |
| 7) Trichlorofluoromethane    | 3.137 | 101 | 69565  | 43.64  | ug/l   | 92     |
| 8) Diethyl Ether             | 3.540 | 74  | 21377  | 42.87  | ug/l   | 94     |
| 9) 1,1,2-Trichlorotrifluo... | 3.918 | 101 | 35456  | 43.10  | ug/l   | 96     |
| 10) Methyl Iodide            | 4.101 | 142 | 47547  | 46.72  | ug/l   | 99     |
| 11) Tert butyl alcohol       | 4.972 | 59  | 19148  | 212.11 | ug/l   | 98     |
| 12) 1,1-Dichloroethene       | 3.881 | 96  | 35011  | 43.90  | ug/l   | 96     |
| 13) Acrolein                 | 3.747 | 56  | 18571  | 207.33 | ug/l   | 97     |
| 14) Allyl chloride           | 4.497 | 41  | 60703  | 41.33  | ug/l   | 93     |
| 15) Acrylonitrile            | 5.180 | 53  | 53269  | 209.92 | ug/l   | 99     |
| 16) Acetone                  | 3.960 | 43  | 43025  | 180.39 | ug/l   | 98     |
| 17) Carbon Disulfide         | 4.204 | 76  | 109505 | 41.78  | ug/l   | 97     |
| 18) Methyl Acetate           | 4.491 | 43  | 26417  | 44.44  | ug/l   | 94     |
| 19) Methyl tert-butyl Ether  | 5.241 | 73  | 108863 | 44.70  | ug/l   | 93     |
| 20) Methylene Chloride       | 4.729 | 84  | 42136  | 41.61  | ug/l   | 91     |
| 21) trans-1,2-Dichloroethene | 5.235 | 96  | 40305  | 43.91  | ug/l   | 92     |
| 22) Diisopropyl ether        | 6.131 | 45  | 125433 | 42.93  | ug/l   | 97     |
| 23) Vinyl Acetate            | 6.076 | 43  | 408020 | 204.93 | ug/l # | 94     |
| 24) 1,1-Dichloroethane       | 6.039 | 63  | 70473  | 43.51  | ug/l   | 100    |
| 25) 2-Butanone               | 7.003 | 43  | 66324  | 195.17 | ug/l   | 92     |
| 26) 2,2-Dichloropropane      | 6.996 | 77  | 62918  | 40.77  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene   | 7.003 | 96  | 45841  | 45.00  | ug/l   | 95     |
| 28) Bromochloromethane       | 7.350 | 49  | 34261  | 49.10  | ug/l # | 78     |
| 29) Tetrahydrofuran          | 7.356 | 42  | 43836  | 202.39 | ug/l   | 89     |
| 30) Chloroform               | 7.515 | 83  | 77242  | 45.37  | ug/l   | 99     |
| 31) Cyclohexane              | 7.795 | 56  | 60447  | 37.05  | ug/l   | 93     |
| 32) 1,1,1-Trichloroethane    | 7.716 | 97  | 70547  | 44.92  | ug/l   | 96     |
| 36) 1,1-Dichloropropene      | 7.929 | 75  | 56343  | 41.52  | ug/l   | 99     |
| 37) Ethyl Acetate            | 7.088 | 43  | 30603  | 39.86  | ug/l # | 95     |
| 38) Carbon Tetrachloride     | 7.911 | 117 | 64193  | 43.77  | ug/l   | 99     |
| 39) Methylcyclohexane        | 9.185 | 83  | 66705  | 41.23  | ug/l   | 95     |
| 40) Benzene                  | 8.173 | 78  | 162316 | 43.26  | ug/l   | 100    |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY020321\  
 Data File : VY003983.D  
 Acq On : 04 Feb 2021 00:27  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5mL/MSVOA\_Y/SOIL  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Feb 04 01:26:43 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   | 43254    | 85.42   | ug/l # | 46       |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 55753    | 43.16   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.283  | 43   | 60680    | 40.63   | ug/l   | 95       |
| 44) Trichloroethene           | 8.947  | 130  | 46538    | 44.89   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 39769    | 42.82   | ug/l   | 100      |
| 46) Dibromomethane            | 9.313  | 93   | 24000    | 45.22   | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.502  | 83   | 60616    | 44.17   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.295  | 41   | 29288    | 40.14   | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 5665     | 1003.78 | ug/l   | 88       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 152952   | 200.54  | ug/l   | 93       |
| 52) Toluene                   | 10.246 | 92   | 103813   | 43.84   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 63357    | 43.83   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 69557    | 43.39   | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 32935    | 44.77   | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 47221    | 44.97   | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 57443    | 43.59   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 99771    | 209.53  | ug/l   | 96       |
| 59) 2-Hexanone                | 10.837 | 43   | 107416   | 200.92  | ug/l   | 93       |
| 60) Dibromochloromethane      | 10.990 | 129  | 44886    | 46.82   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 33191    | 45.10   | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.721 | 164  | 50300    | 45.38   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.520 | 112  | 114497   | 45.69   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 46100    | 47.16   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 207093   | 44.08   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 154378   | 88.66   | ug/l   | 99       |
| 69) o-Xylene                  | 12.032 | 106  | 73618    | 45.45   | ug/l   | 99       |
| 70) Styrene                   | 12.044 | 104  | 128109   | 45.84   | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 29830    | 47.68   | ug/l # | 95       |
| 73) Isopropylbenzene          | 12.331 | 105  | 205778   | 43.91   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.142 | 43   | 54258    | 39.39   | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 36529    | 42.99   | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 52517    | 79.62   | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 52007    | 44.78   | ug/l   | 95       |
| 78) n-propylbenzene           | 12.672 | 91   | 236413   | 42.40   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 138798   | 43.47   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 176715   | 43.95   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 13887    | 40.24   | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 144282   | 42.72   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 148399   | 44.39   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 177816   | 44.11   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.251 | 105  | 200256   | 43.22   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 186128   | 43.06   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 98435    | 44.97   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 97115    | 44.92   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.697 | 91   | 167566   | 41.76   | ug/l   | 100      |
| 90) Hexachloroethane          | 13.959 | 117  | 35526    | 44.90   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 87845    | 45.04   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 7092     | 40.48   | ug/l   | 84       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 59303    | 43.93   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 39239    | 45.23   | ug/l   | 98       |
| 95) Naphthalene               | 15.239 | 128  | 108409   | 42.79   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 51809    | 44.55   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY020321\  
Data File : VY003983.D  
Acq On : 04 Feb 2021 00:27  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00g/5mL/MSVOA\_Y/SOIL  
ALS Vial : 26 Sample Multiplier: 1

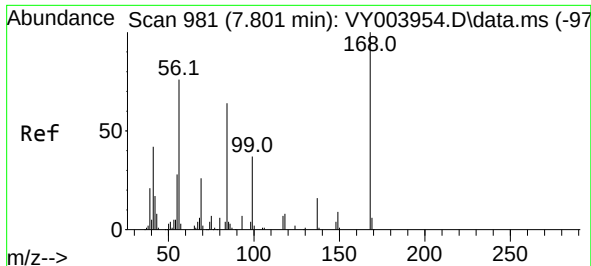
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Feb 04 01:26:43 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) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

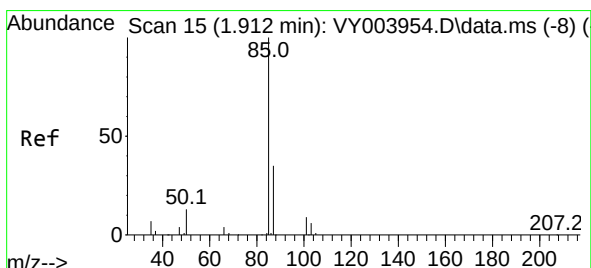
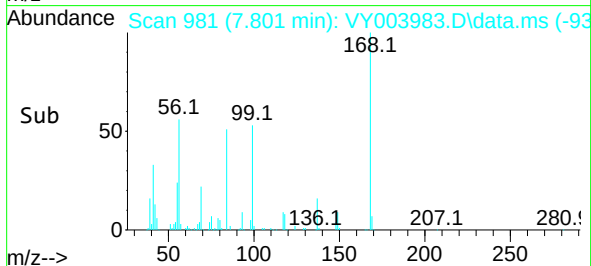
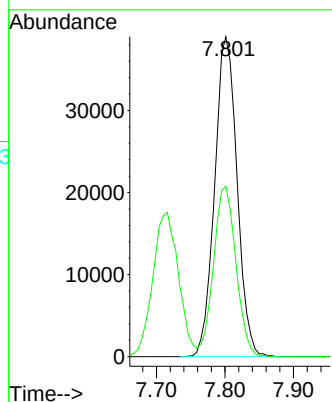
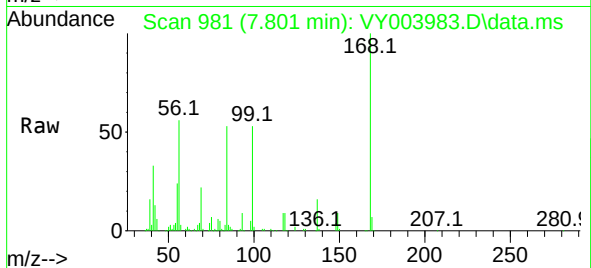




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

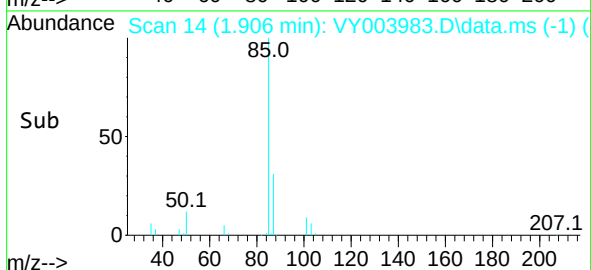
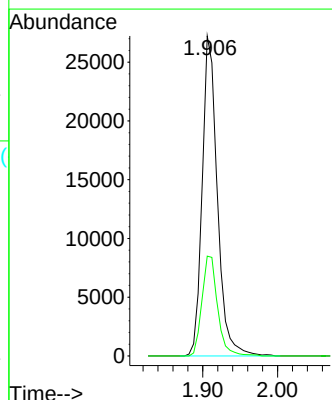
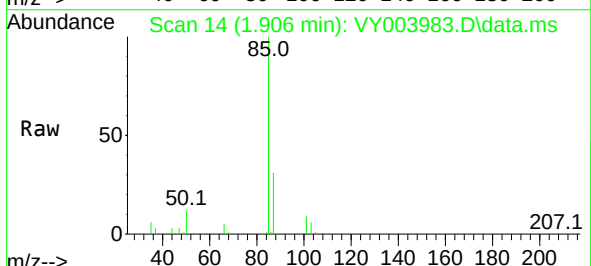
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

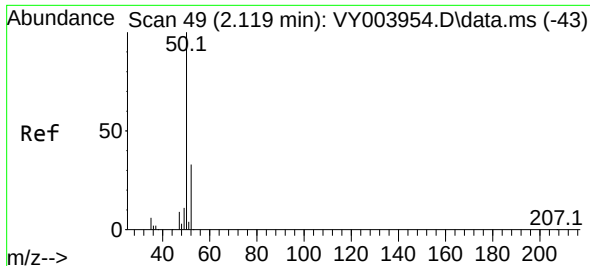
Tgt Ion:168 Resp: 88360  
Ion Ratio Lower Upper  
168 100  
99 53.2 46.1 69.1



#2  
Dichlorodifluoromethane  
Concen: 43.81 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 85 Resp: 38375  
Ion Ratio Lower Upper  
85 100  
87 31.2 17.0 51.0

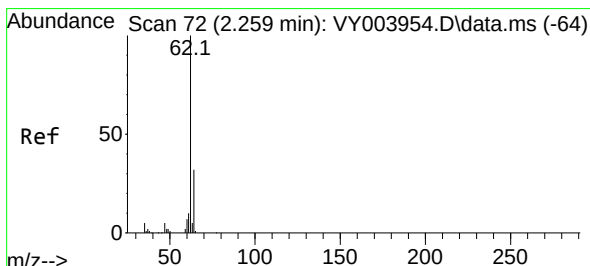
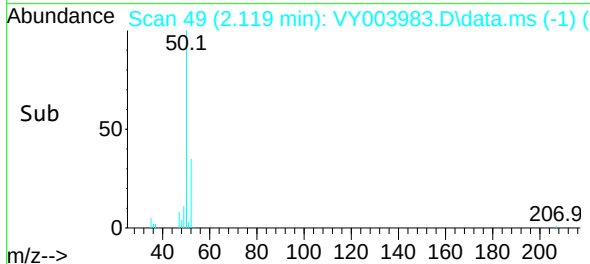
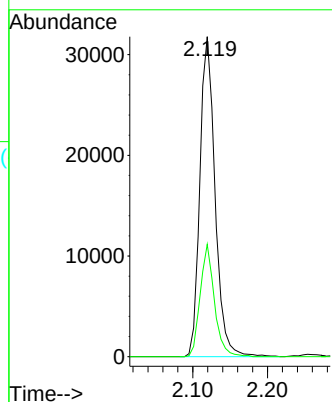
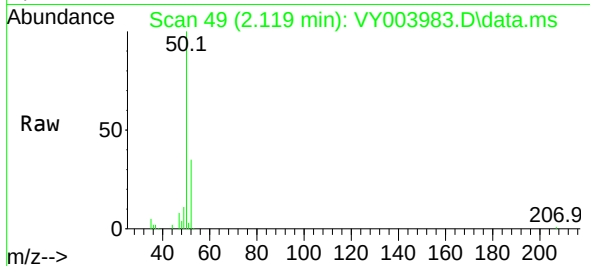




#3  
Chloromethane  
Concen: 40.71 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

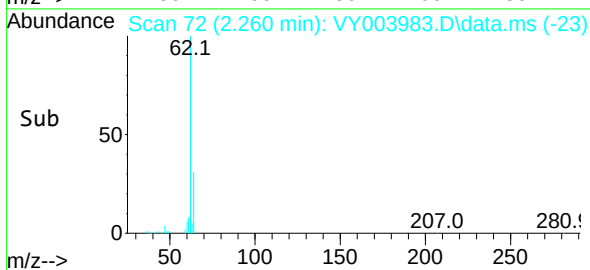
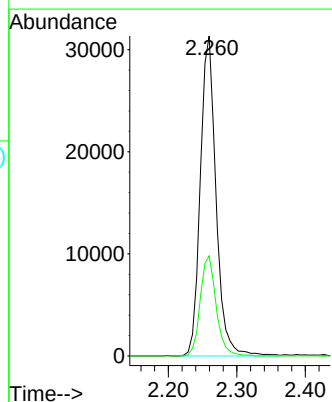
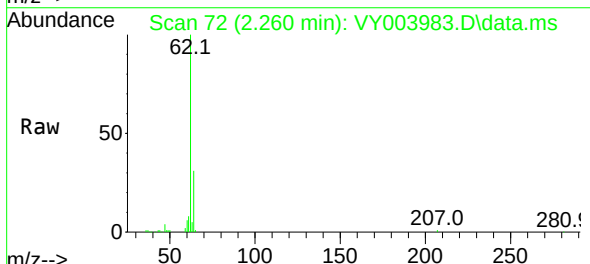
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

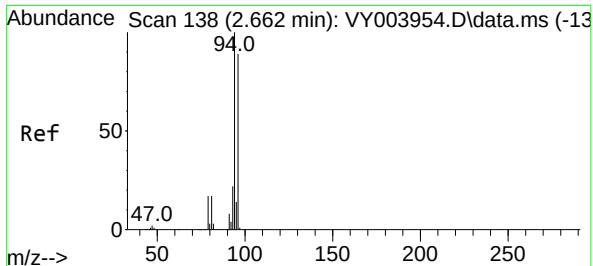
Tgt Ion: 50 Resp: 44908  
Ion Ratio Lower Upper  
50 100  
52 35.1 25.2 37.8



#4  
Vinyl Chloride  
Concen: 43.58 ug/l  
RT: 2.260 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 62 Resp: 50121  
Ion Ratio Lower Upper  
62 100  
64 31.3 26.2 39.2

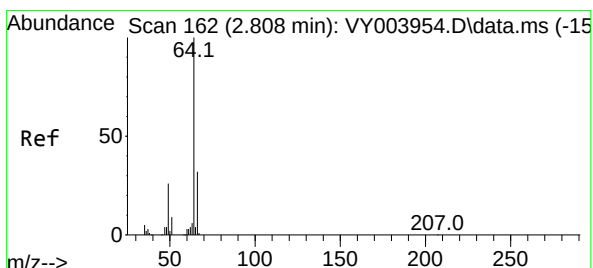
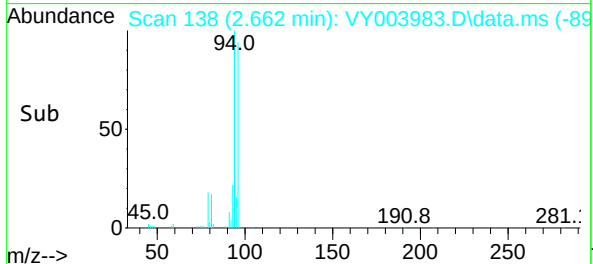
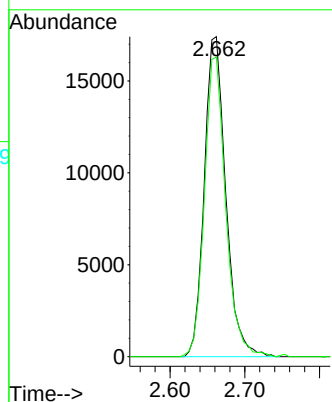
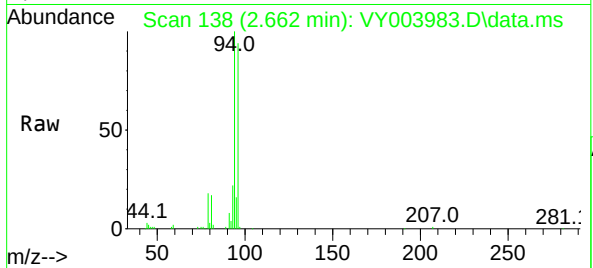




#5  
Bromomethane  
Concen: 42.48 ug/l  
RT: 2.662 min Scan# 138  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

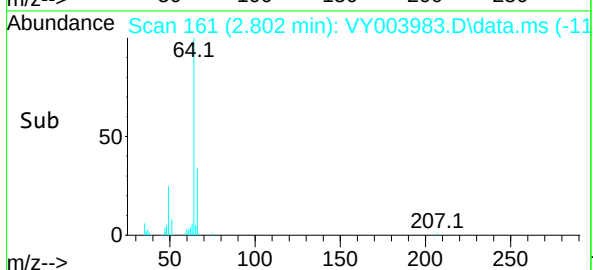
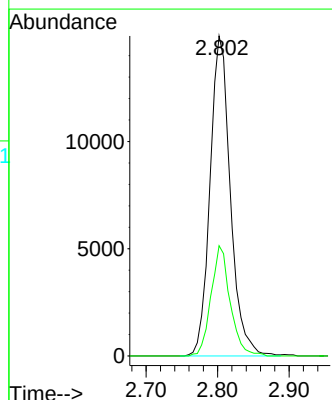
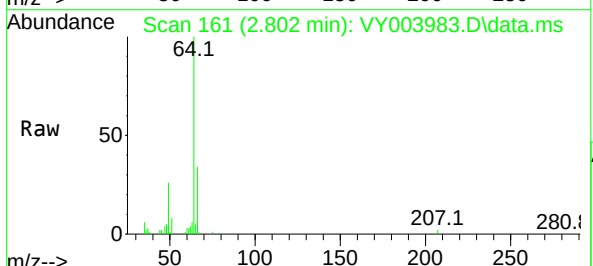
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

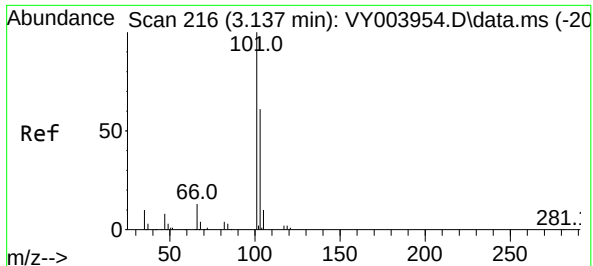
Tgt Ion: 94 Resp: 34801  
Ion Ratio Lower Upper  
94 100  
96 93.6 71.4 107.0



#6  
Chloroethane  
Concen: 40.90 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. -0.006 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 64 Resp: 29481  
Ion Ratio Lower Upper  
64 100  
66 34.5 25.6 38.4

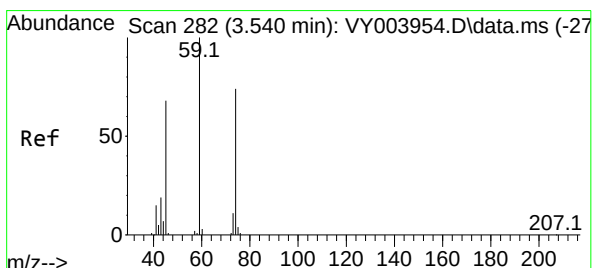
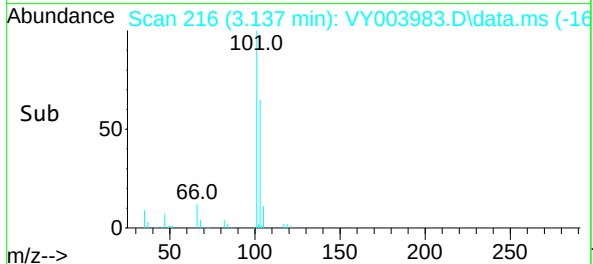
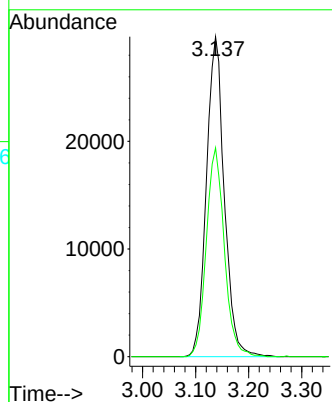
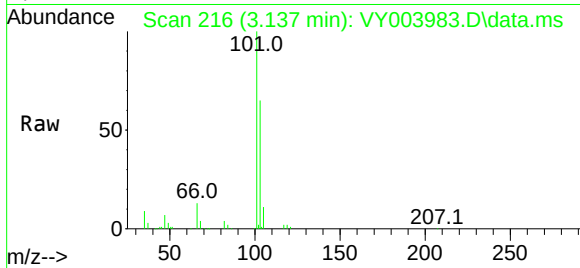




#7  
Trichlorofluoromethane  
Concen: 43.64 ug/l  
RT: 3.137 min Scan# 216  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

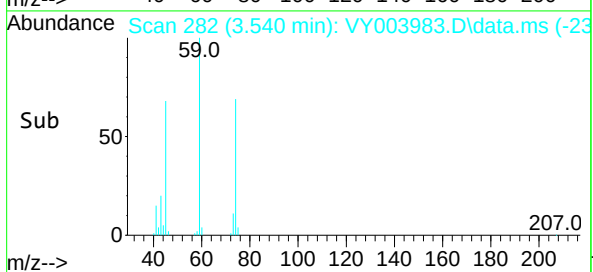
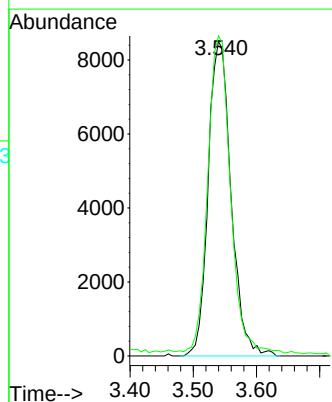
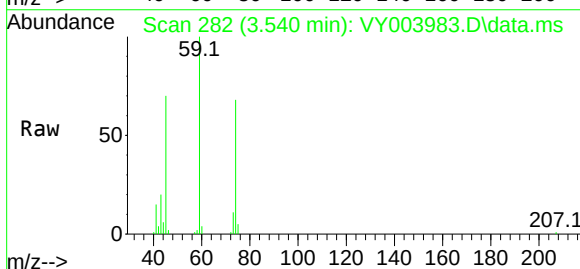
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 69565  
Ion Ratio Lower Upper  
101 100  
103 65.2 47.4 71.0

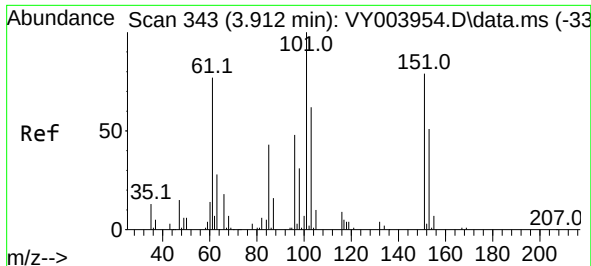


#8  
Diethyl Ether  
Concen: 42.87 ug/l  
RT: 3.540 min Scan# 282  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 74 Resp: 21377  
Ion Ratio Lower Upper  
74 100  
45 99.6 53.0 159.0

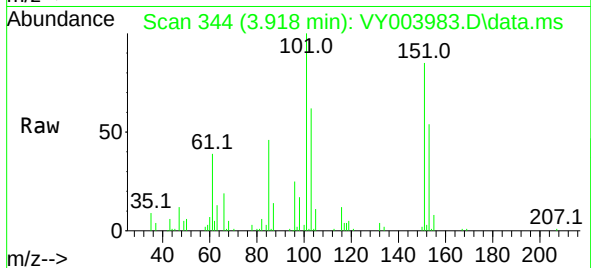




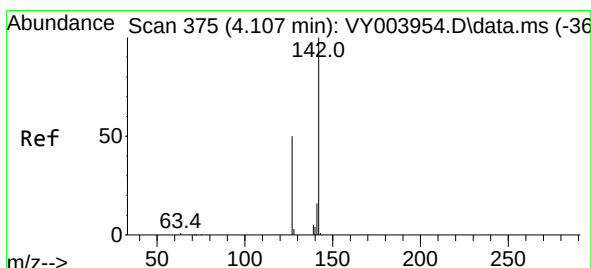
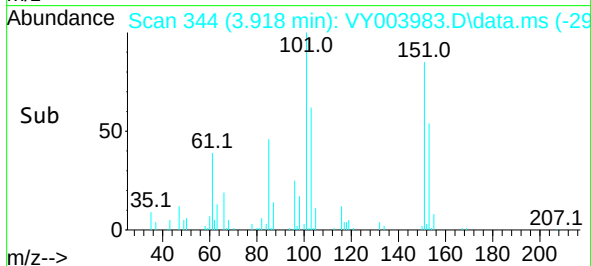
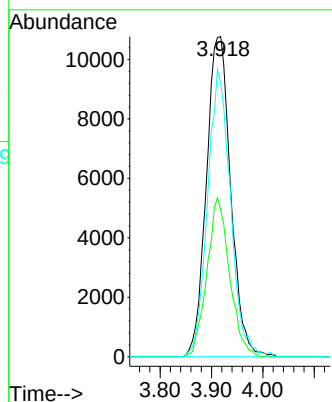


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 43.10 ug/l  
RT: 3.918 min Scan# 344  
Delta R.T. 0.006 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

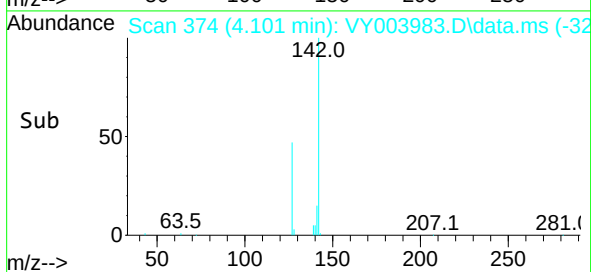
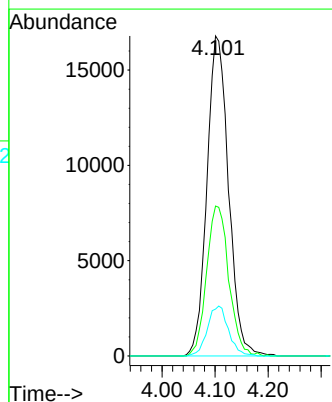
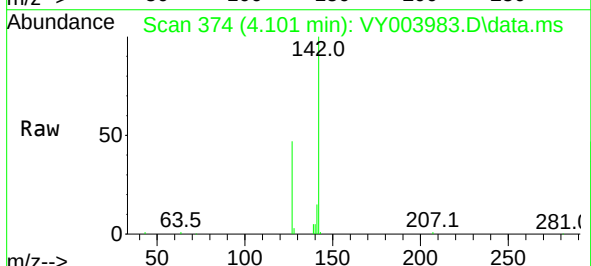


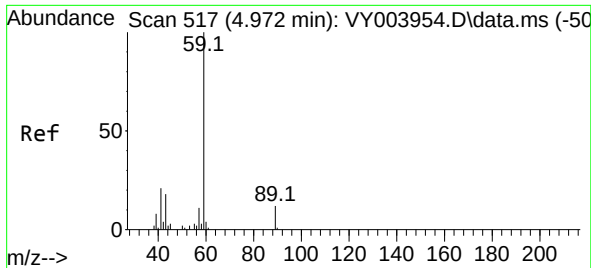
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 35456 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 46.2  | 37.0  | 55.4  |
| 151      | 84.7  | 63.6  | 95.4  |



#10  
Methyl Iodide  
Concen: 46.72 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. -0.006 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 47547 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 48.2  | 38.7  | 58.1  |
| 141      | 15.2  | 12.7  | 19.1  |

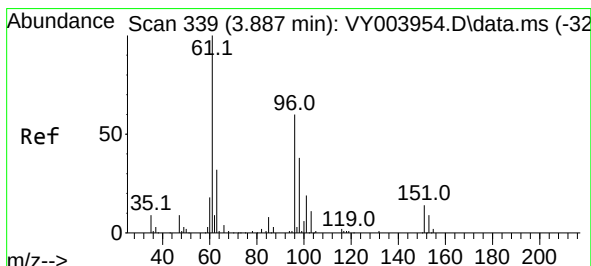
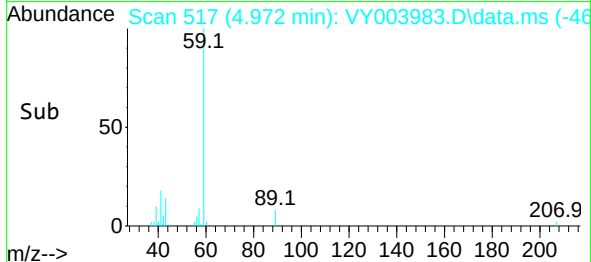
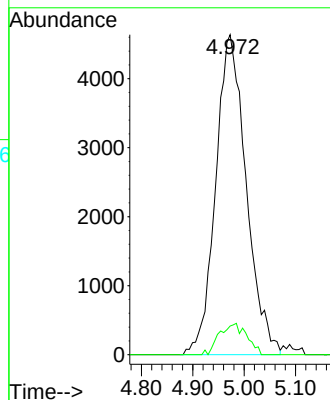
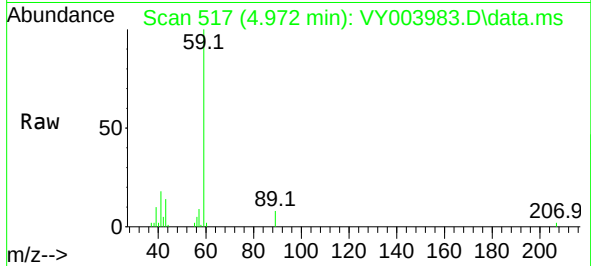




#11  
Tert butyl alcohol  
Concen: 212.11 ug/l  
RT: 4.972 min Scan# 517  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

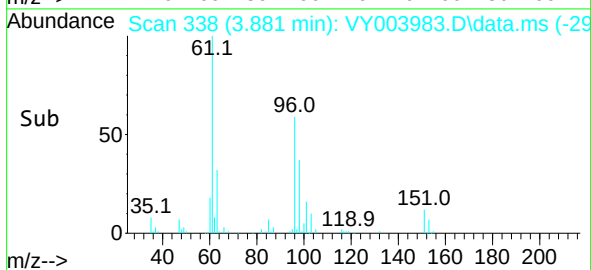
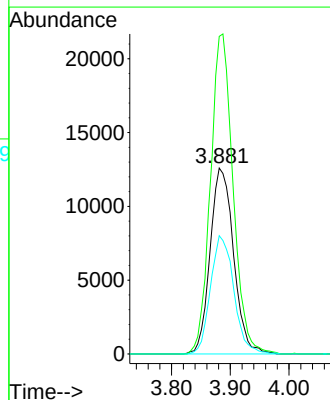
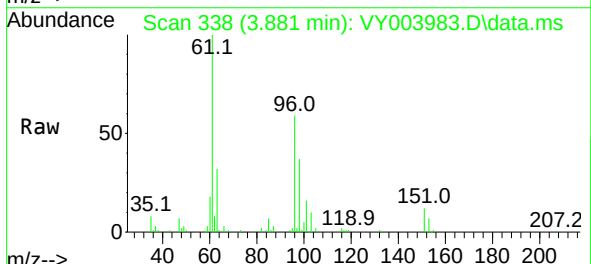
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

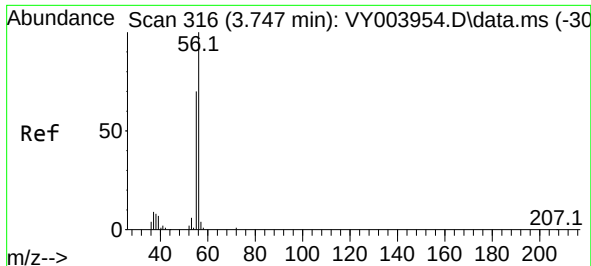
Tgt Ion: 59 Resp: 19148  
Ion Ratio Lower Upper  
59 100  
57 8.8 6.4 9.6



#12  
1,1-Dichloroethene  
Concen: 43.90 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. -0.006 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 96 Resp: 35011  
Ion Ratio Lower Upper  
96 100  
61 170.9 132.9 199.3  
98 63.7 48.6 73.0

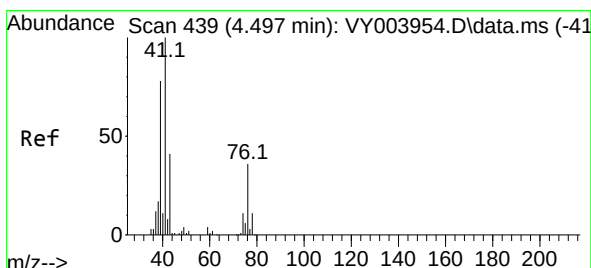
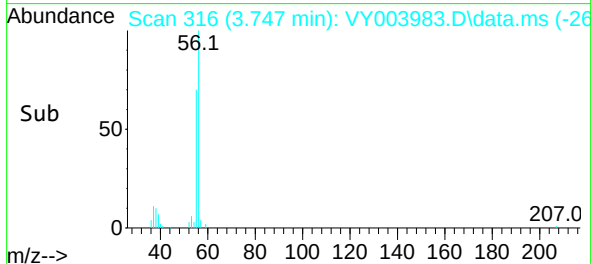
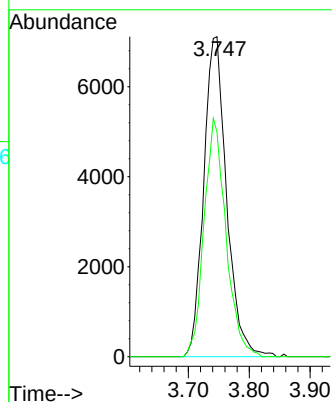
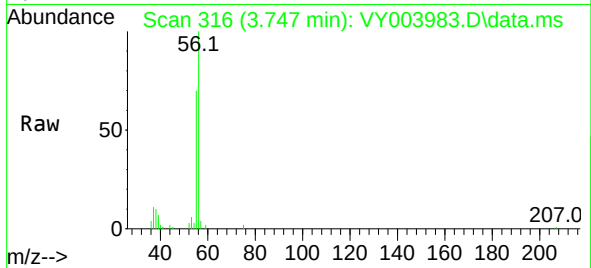




#13  
Acrolein  
Concen: 207.33 ug/l  
RT: 3.747 min Scan# 316  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

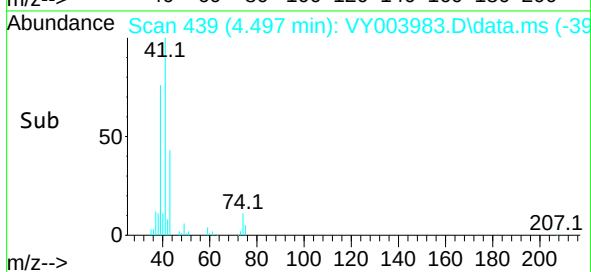
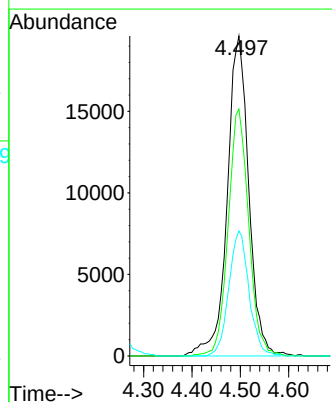
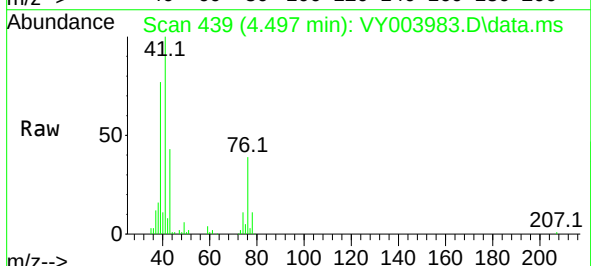
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

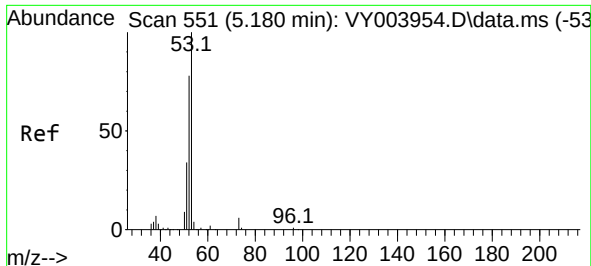
Tgt Ion: 56 Resp: 18571  
Ion Ratio Lower Upper  
56 100  
55 71.1 55.0 82.4



#14  
Allyl chloride  
Concen: 41.33 ug/l  
RT: 4.497 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 41 Resp: 60703  
Ion Ratio Lower Upper  
41 100  
39 73.6 55.2 82.8  
76 36.7 25.0 37.4

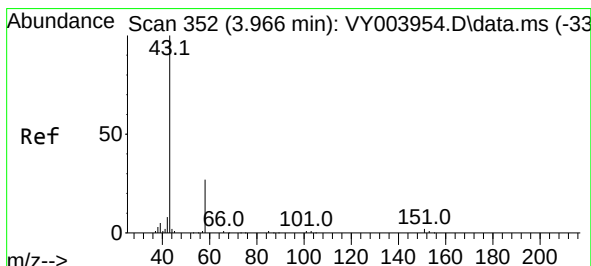
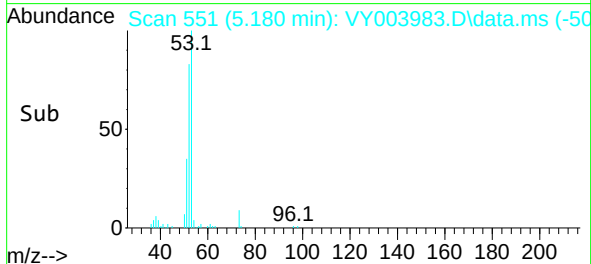
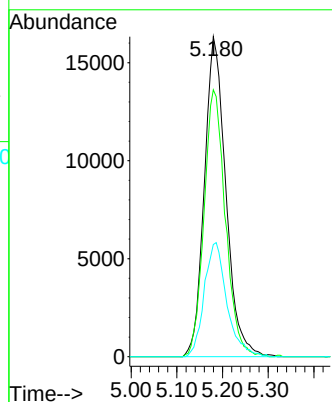
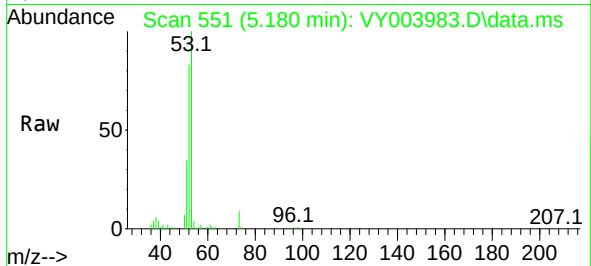




#15  
Acrylonitrile  
Concen: 209.92 ug/l  
RT: 5.180 min Scan# 551  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

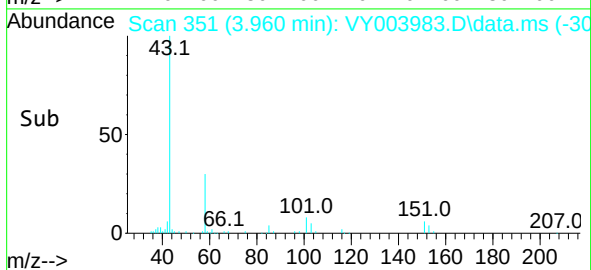
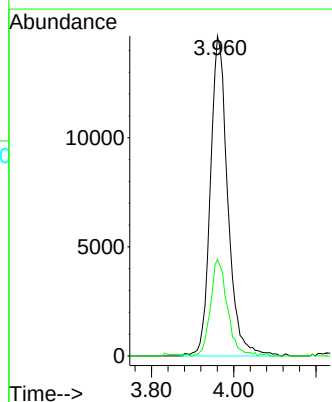
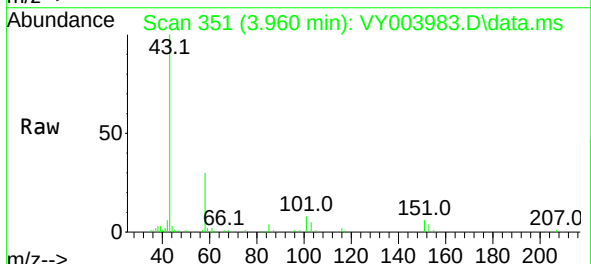
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

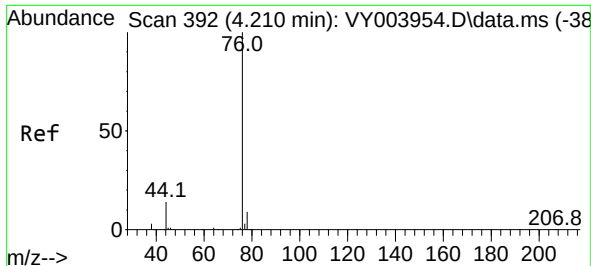
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 53269 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 83.0  | 67.1  | 100.7 |
| 51       | 37.7  | 29.3  | 43.9  |



#16  
Acetone  
Concen: 180.39 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. -0.006 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 43025 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 30.1  | 23.4  | 35.0  |

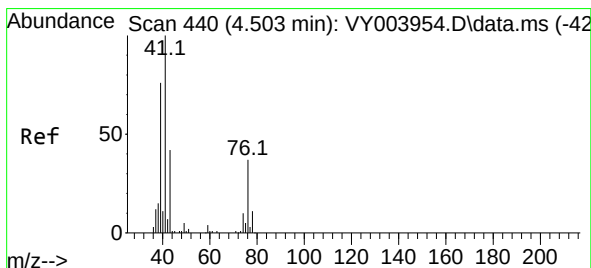
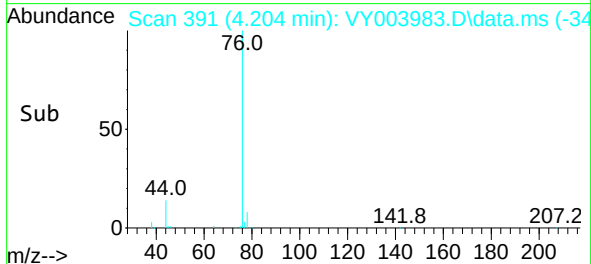
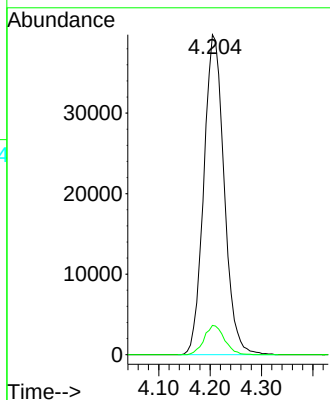
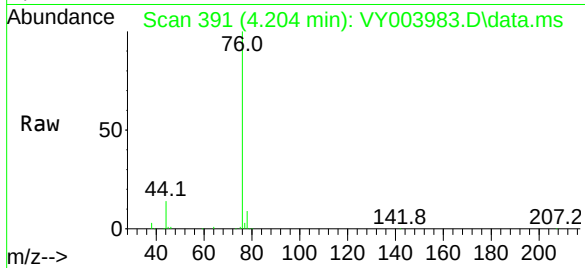




#17  
Carbon Disulfide  
Concen: 41.78 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. -0.006 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

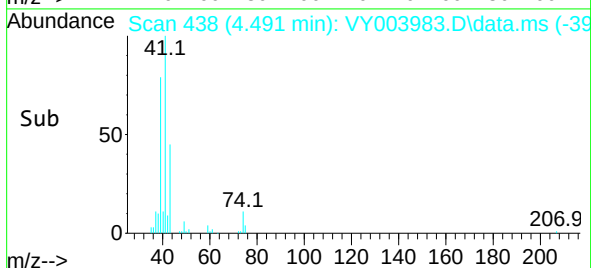
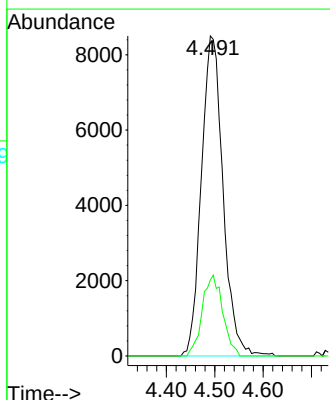
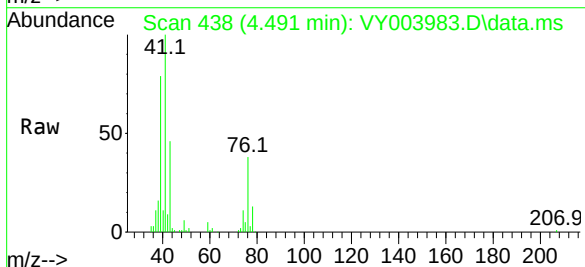
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

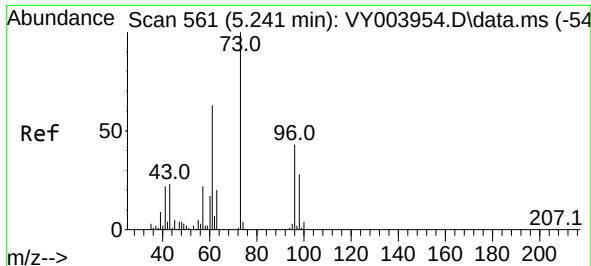
Tgt Ion: 76 Resp: 109505  
Ion Ratio Lower Upper  
76 100  
78 9.1 6.3 9.5



#18  
Methyl Acetate  
Concen: 44.44 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. -0.012 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 43 Resp: 26417  
Ion Ratio Lower Upper  
43 100  
74 23.8 16.7 25.1

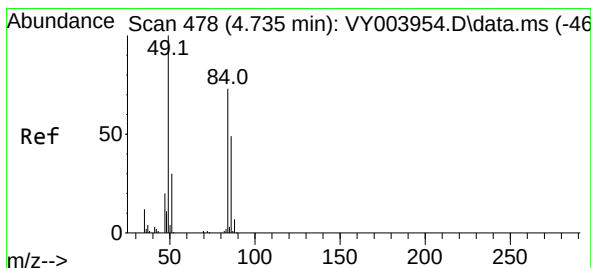
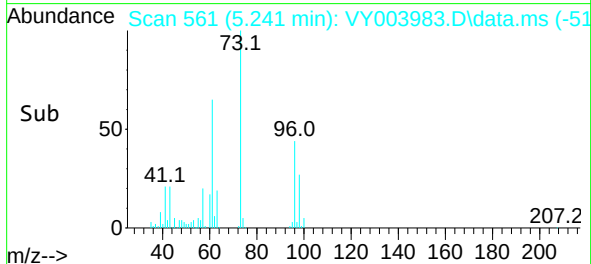
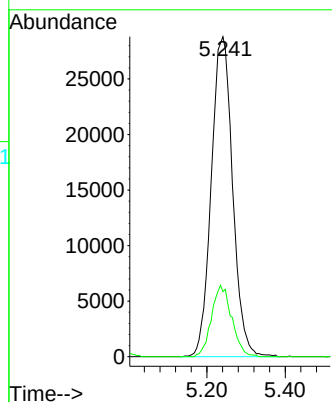
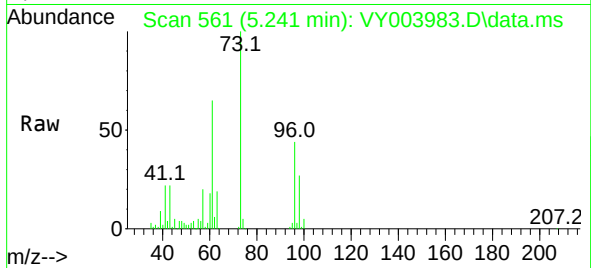




#19  
Methyl tert-butyl Ether  
Concen: 44.70 ug/l  
RT: 5.241 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

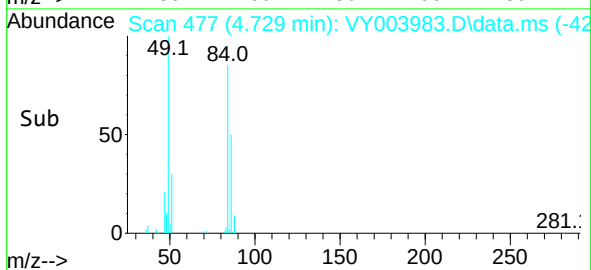
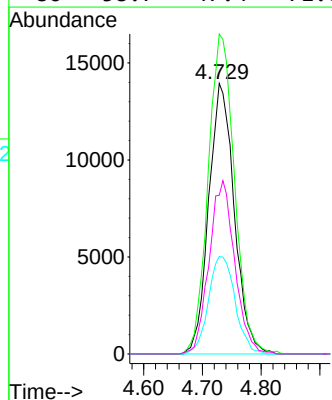
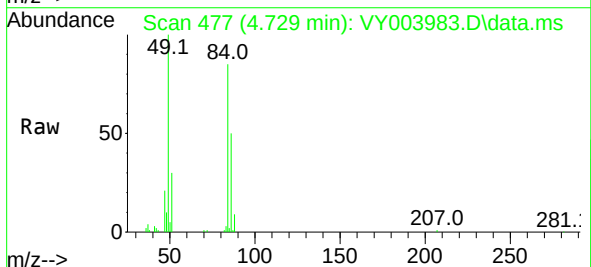
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

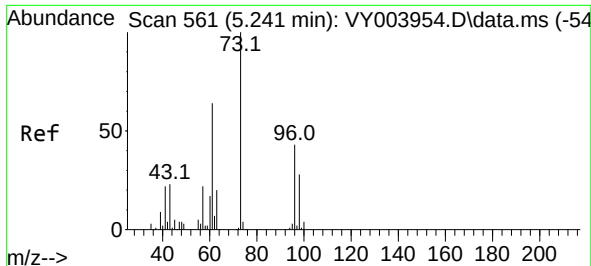
Tgt Ion: 73 Resp: 108863  
Ion Ratio Lower Upper  
73 100  
57 20.4 19.0 28.6



#20  
Methylene Chloride  
Concen: 41.61 ug/l  
RT: 4.729 min Scan# 477  
Delta R.T. -0.006 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

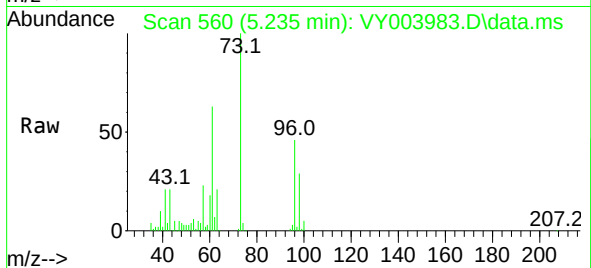
Tgt Ion: 84 Resp: 42136  
Ion Ratio Lower Upper  
84 100  
49 118.3 107.0 160.4  
51 36.0 31.9 47.9  
86 58.7 47.4 71.0



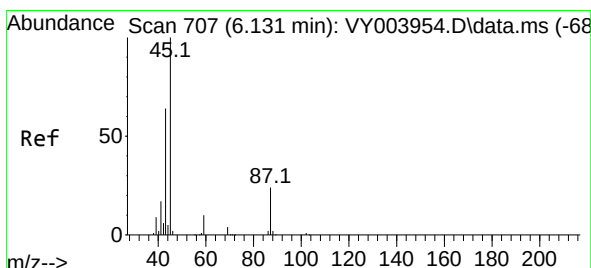
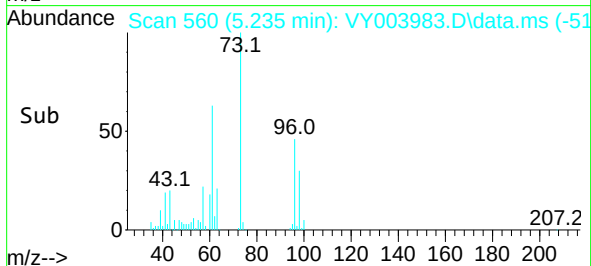
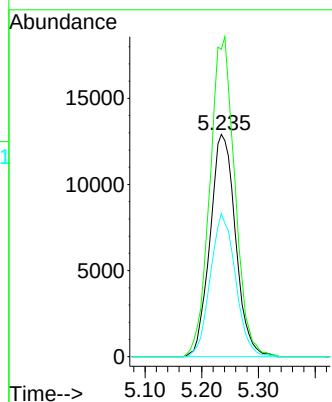


#21  
trans-1,2-Dichloroethene  
Concen: 43.91 ug/l  
RT: 5.235 min Scan# 560  
Delta R.T. -0.006 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

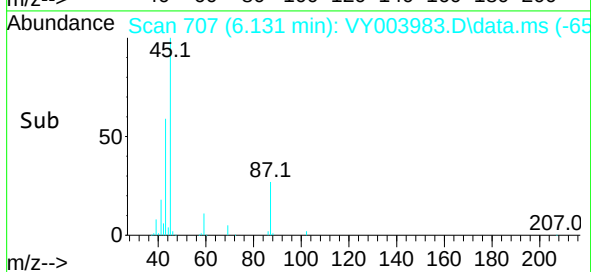
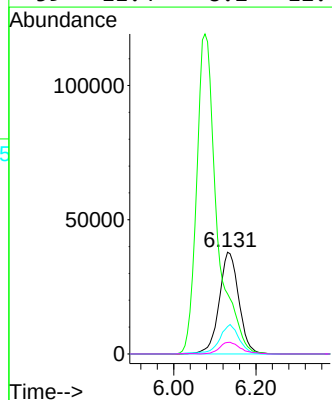
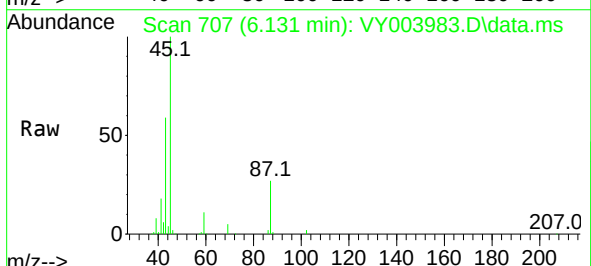


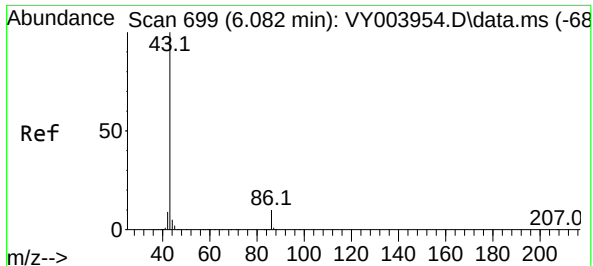
Tgt Ion: 96 Resp: 40305  
Ion Ratio Lower Upper  
96 100  
61 138.3 122.1 183.1  
98 64.4 51.4 77.0



#22  
Diisopropyl ether  
Concen: 42.93 ug/l  
RT: 6.131 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 45 Resp: 125433  
Ion Ratio Lower Upper  
45 100  
43 59.0 45.9 68.9  
87 27.0 19.4 29.0  
59 11.4 8.2 12.4

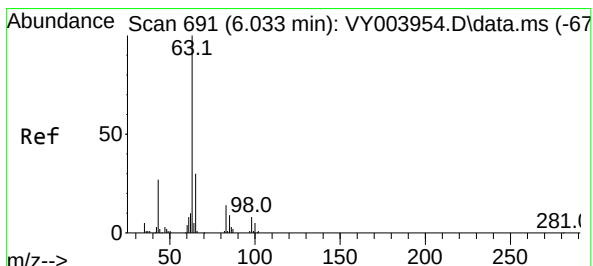
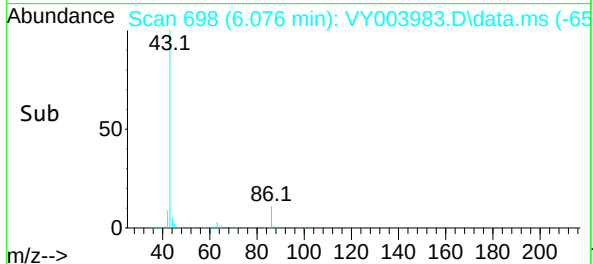
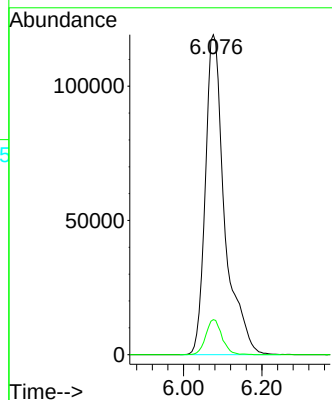
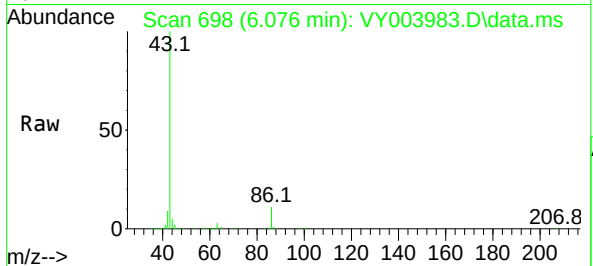




#23  
 Vinyl Acetate  
 Concen: 204.93 ug/l  
 RT: 6.076 min Scan# 698  
 Delta R.T. -0.006 min  
 Lab File: VY003983.D  
 Acq: 04 Feb 2021 00:27

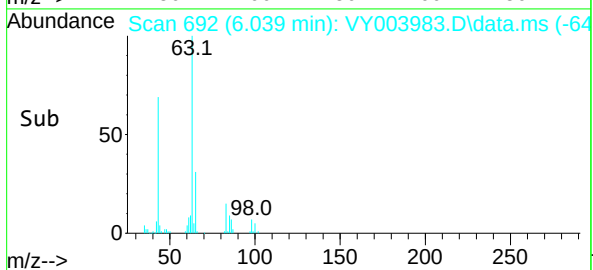
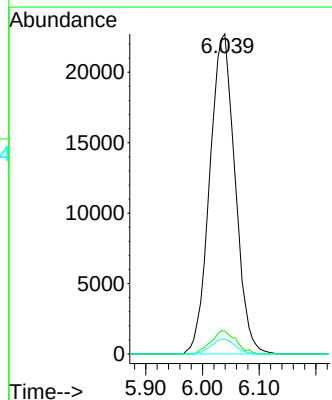
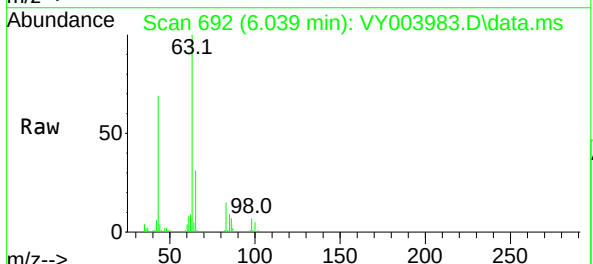
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 408020  
 Ion Ratio Lower Upper  
 43 100  
 86 10.9 7.1 10.7#

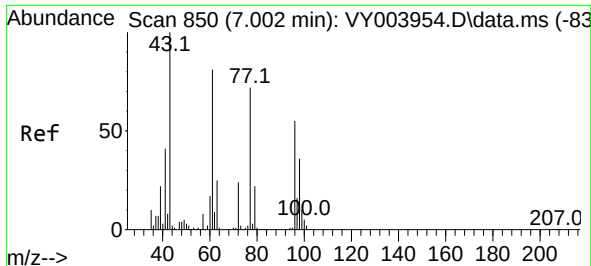


#24  
 1,1-Dichloroethane  
 Concen: 43.51 ug/l  
 RT: 6.039 min Scan# 692  
 Delta R.T. 0.006 min  
 Lab File: VY003983.D  
 Acq: 04 Feb 2021 00:27

Tgt Ion: 63 Resp: 70473  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.5 10.6  
 100 4.7 2.5 7.4



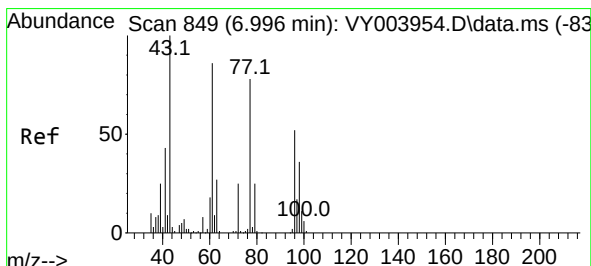
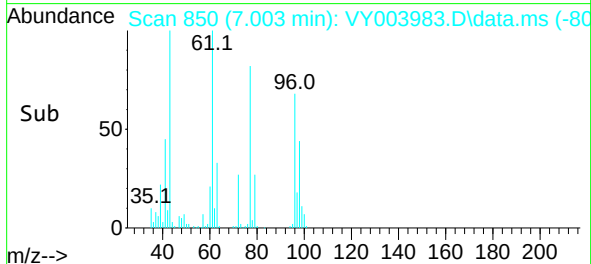
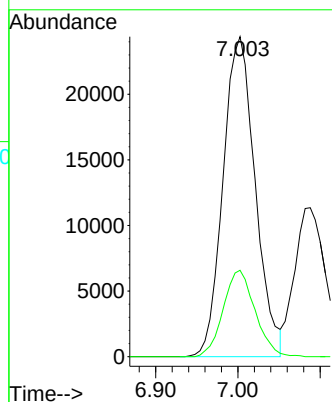
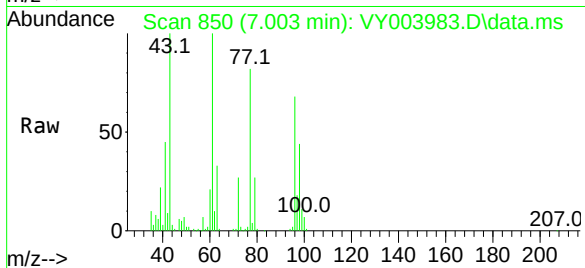




#25  
2-Butanone  
Concen: 195.17 ug/l  
RT: 7.003 min Scan# 850  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

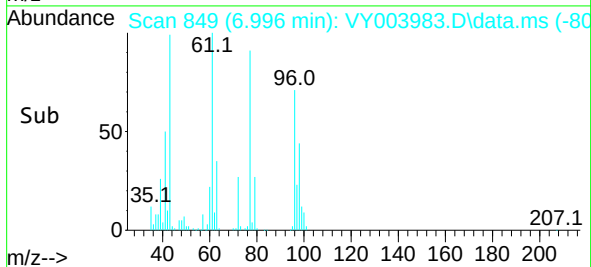
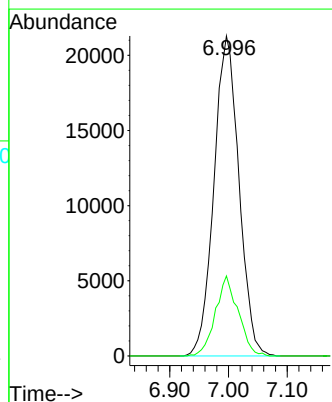
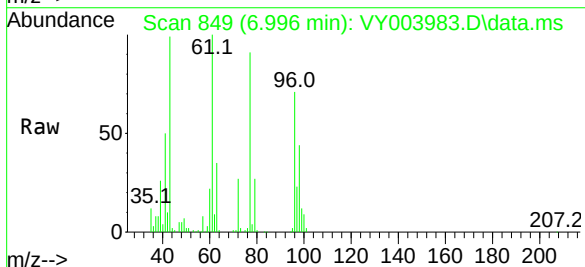
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

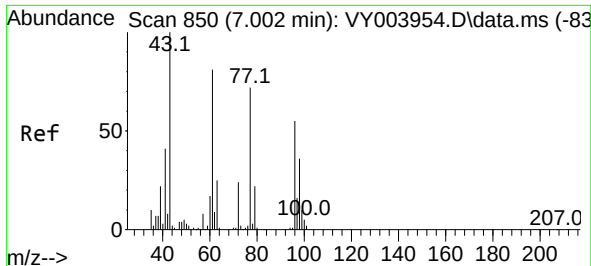
Tgt Ion: 43 Resp: 66324  
Ion Ratio Lower Upper  
43 100  
72 27.0 18.5 27.7



#26  
2,2-Dichloropropane  
Concen: 40.77 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 77 Resp: 62918  
Ion Ratio Lower Upper  
77 100  
97 22.8 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 45.00 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY003983.D

Acq: 04 Feb 2021 00:27

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

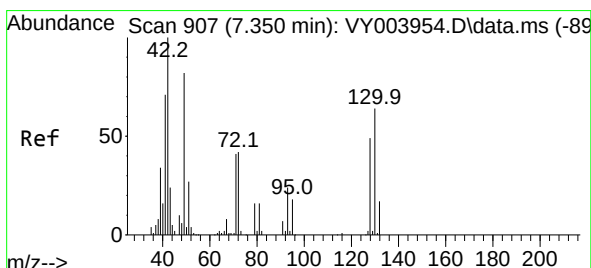
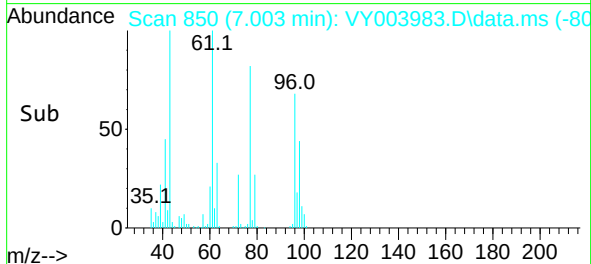
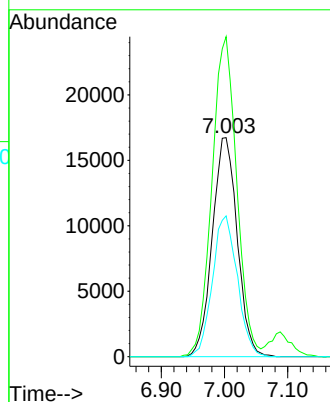
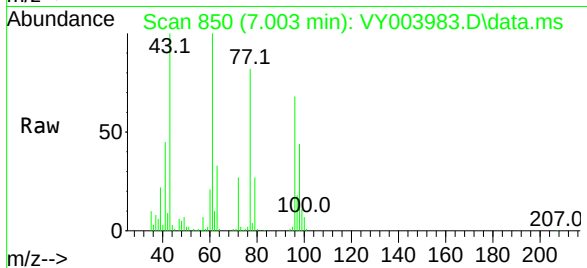
Tgt Ion: 96 Resp: 45841

Ion Ratio Lower Upper

96 100

61 145.0 0.0 306.6

98 64.2 0.0 128.4



#28

Bromochloromethane

Concen: 49.10 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY003983.D

Acq: 04 Feb 2021 00:27

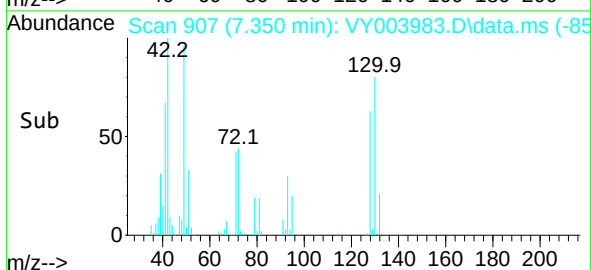
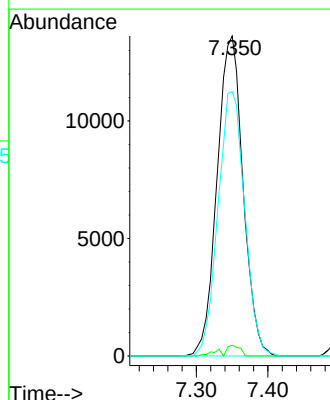
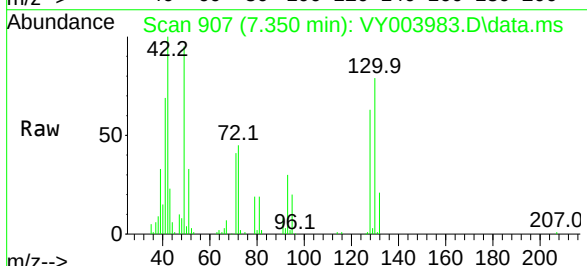
Tgt Ion: 49 Resp: 34261

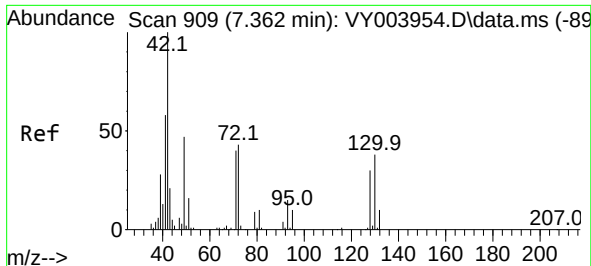
Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.4

130 84.8 53.7 80.5#





#29

Tetrahydrofuran

Concen: 202.39 ug/l

RT: 7.356 min Scan# 908

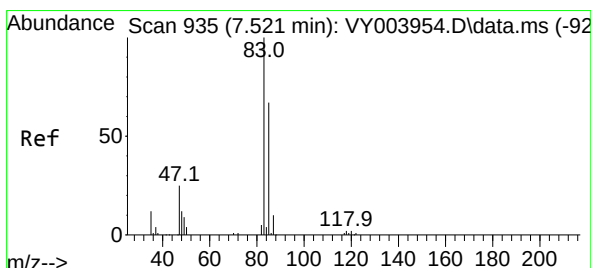
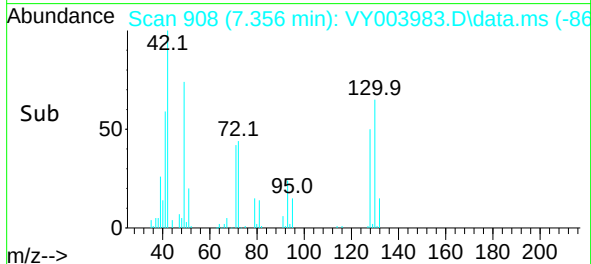
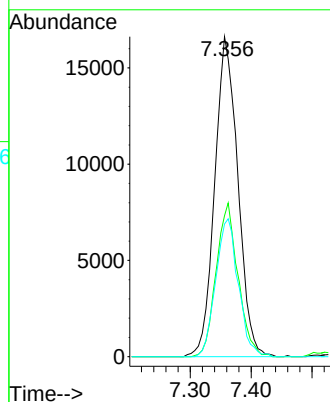
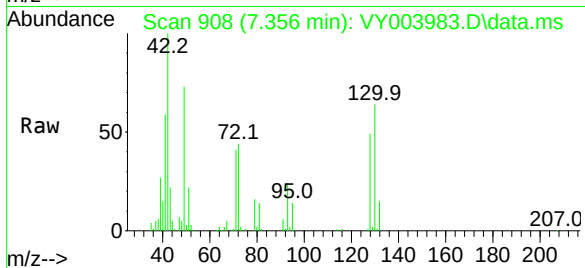
Delta R.T. -0.006 min

Lab File: VY003983.D

Acq: 04 Feb 2021 00:27

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 43836 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 45.4  | 30.6  | 45.8  |
| 71       | 42.0  | 28.6  | 43.0  |



#30

Chloroform

Concen: 45.37 ug/l

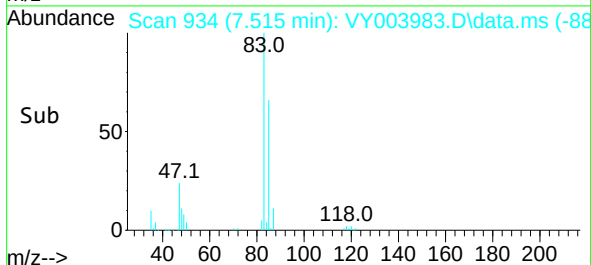
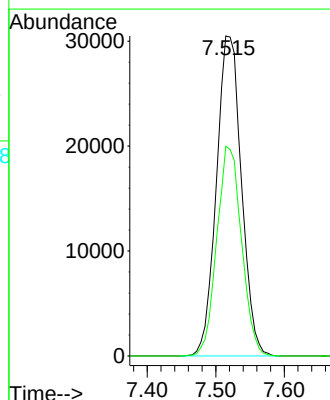
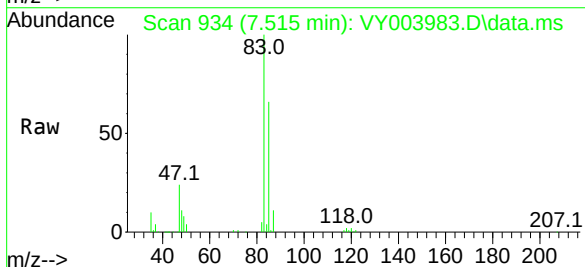
RT: 7.515 min Scan# 934

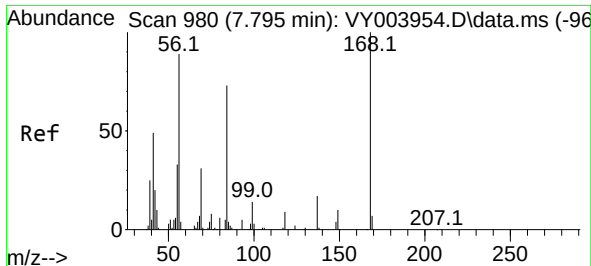
Delta R.T. -0.006 min

Lab File: VY003983.D

Acq: 04 Feb 2021 00:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 77242 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.5  | 51.7  | 77.5  |

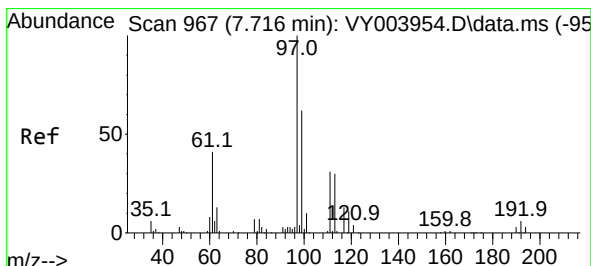
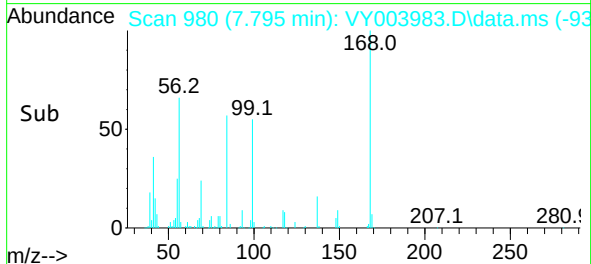
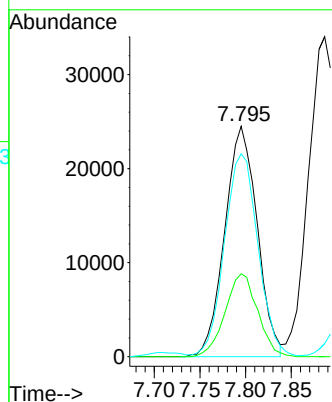
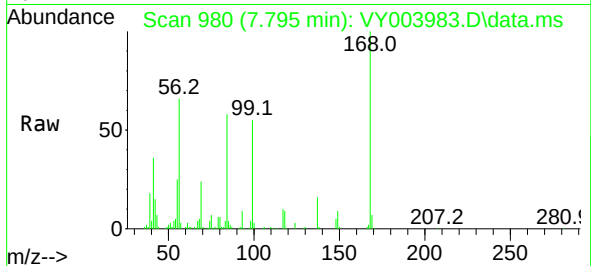




#31  
Cyclohexane  
Concen: 37.05 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

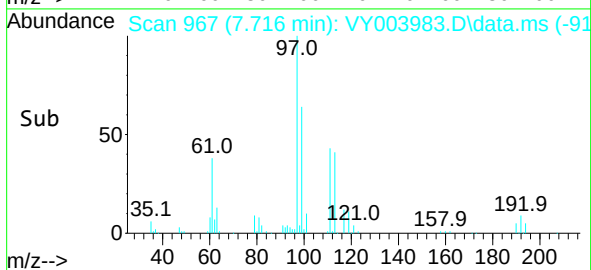
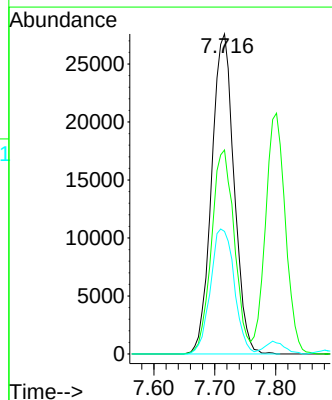
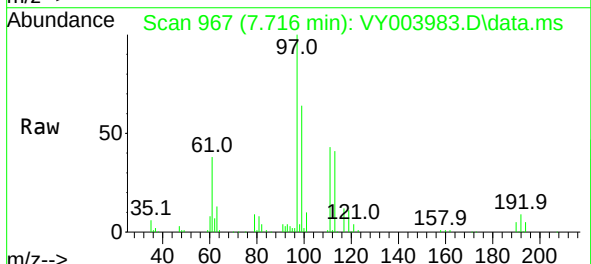
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

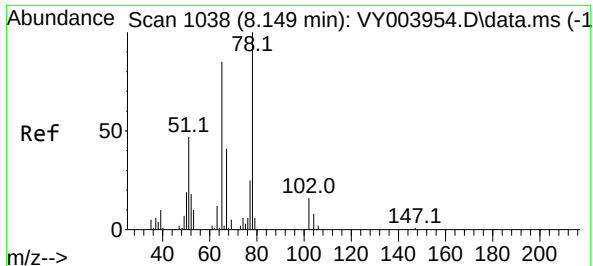
Tgt Ion: 56 Resp: 60447  
Ion Ratio Lower Upper  
56 100  
69 36.0 25.0 37.4  
84 86.7 64.5 96.7



#32  
1,1,1-Trichloroethane  
Concen: 44.92 ug/l  
RT: 7.716 min Scan# 967  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 97 Resp: 70547  
Ion Ratio Lower Upper  
97 100  
99 65.1 50.6 75.8  
61 41.4 36.4 54.6

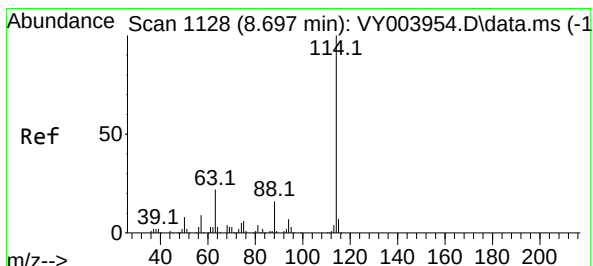
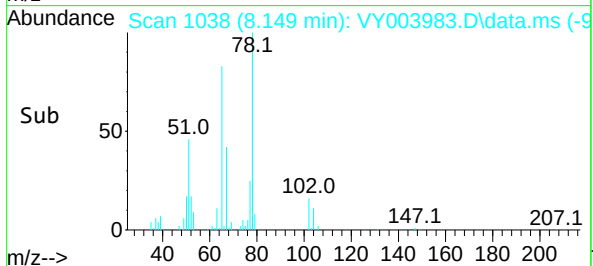
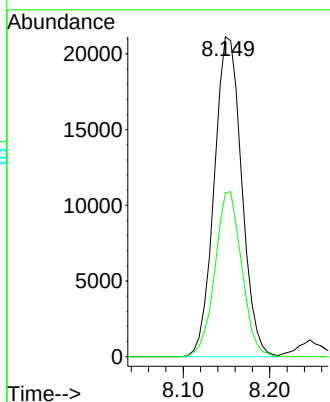
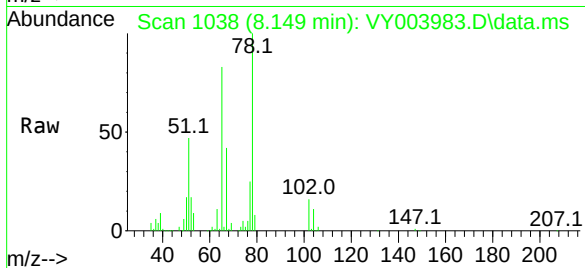




#33  
1,2-Dichloroethane-d4  
Concen: 47.89 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

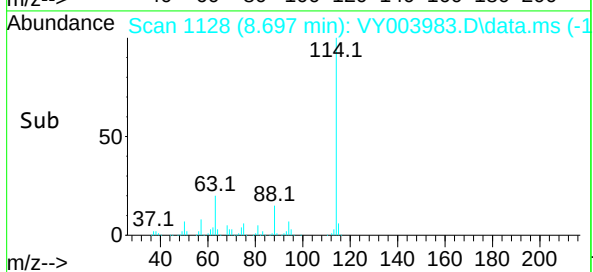
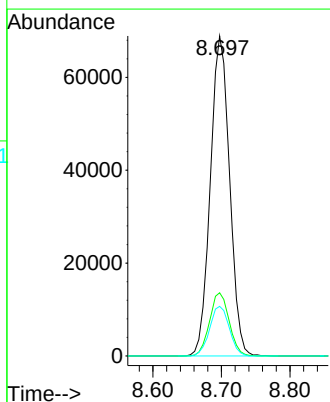
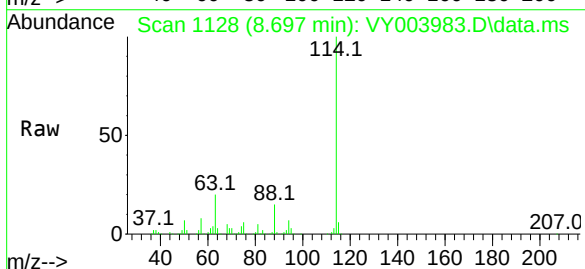
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

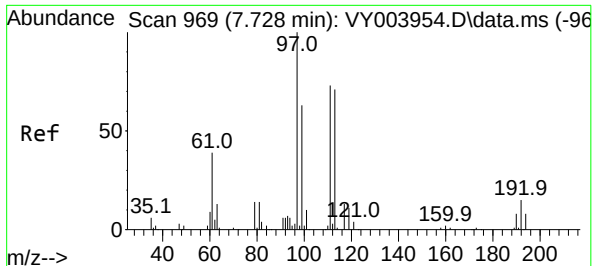
Tgt Ion: 65 Resp: 46532  
Ion Ratio Lower Upper  
65 100  
67 50.3 0.0 101.8



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 114 Resp: 134191  
Ion Ratio Lower Upper  
114 100  
63 19.8 0.0 47.2  
88 15.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.30 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY003983.D

Acq: 04 Feb 2021 00:27

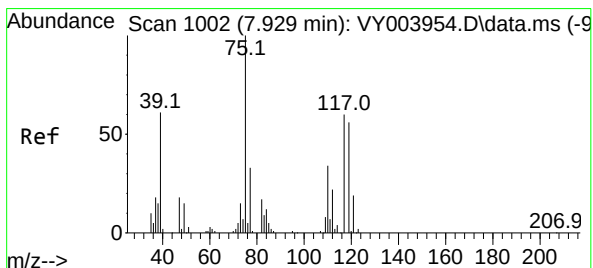
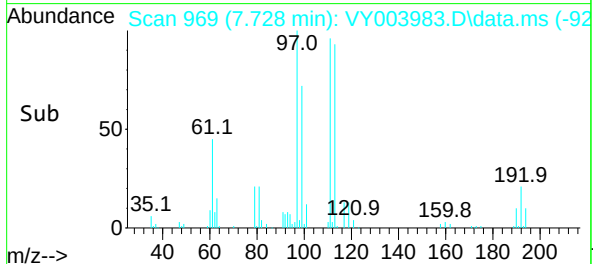
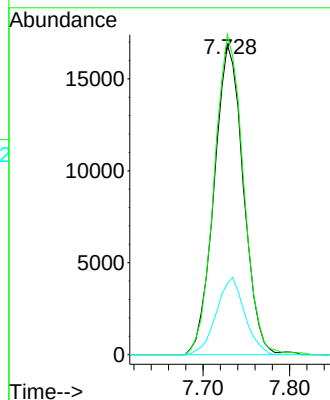
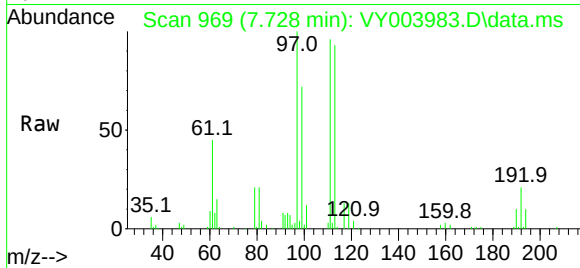
Tgt Ion:113 Resp: 39466

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 24.2 18.3 27.5



#36

1,1-Dichloropropene

Concen: 41.52 ug/l

RT: 7.929 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VY003983.D

Acq: 04 Feb 2021 00:27

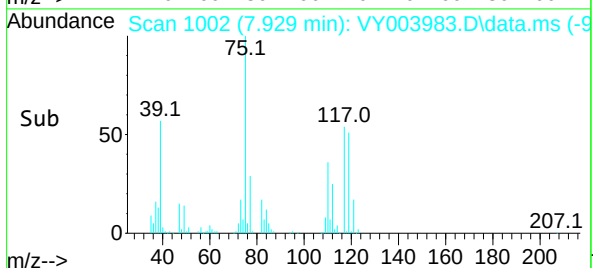
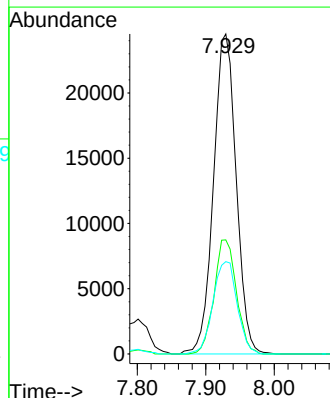
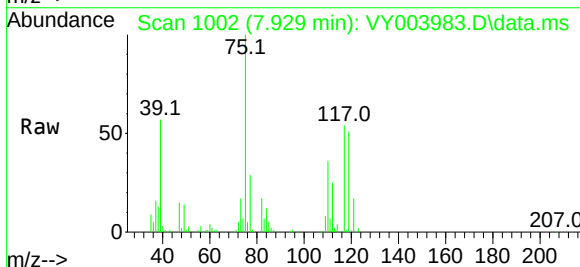
Tgt Ion: 75 Resp: 56343

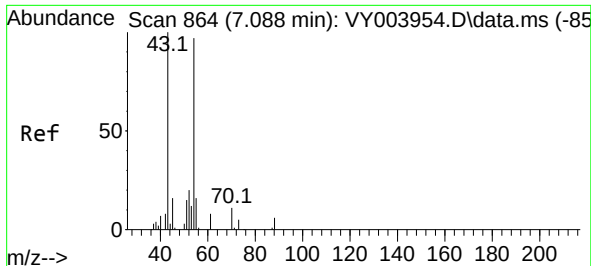
Ion Ratio Lower Upper

75 100

110 35.2 17.9 53.8

77 30.8 24.8 37.2

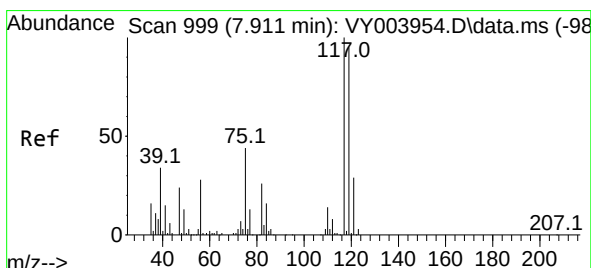
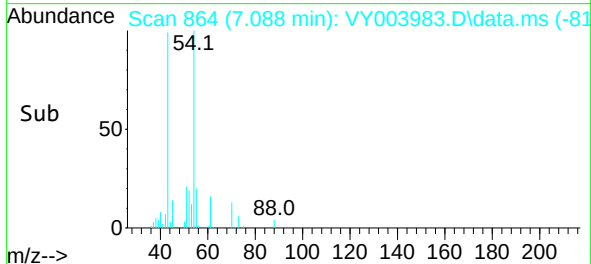
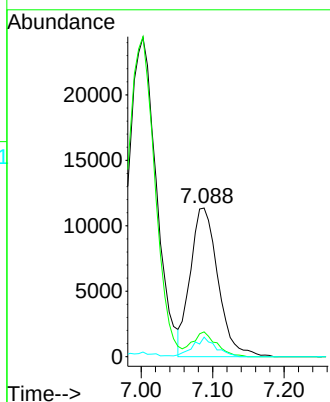
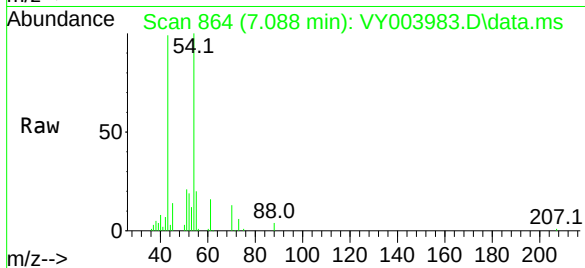




#37  
Ethyl Acetate  
Concen: 39.86 ug/l  
RT: 7.088 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

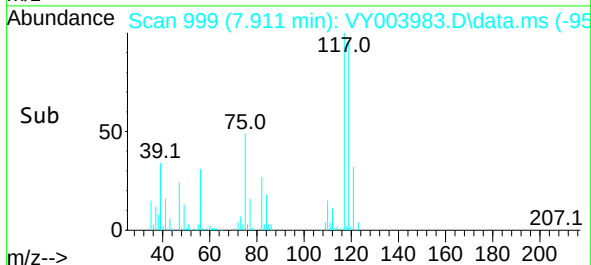
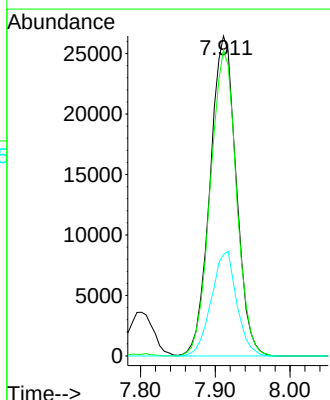
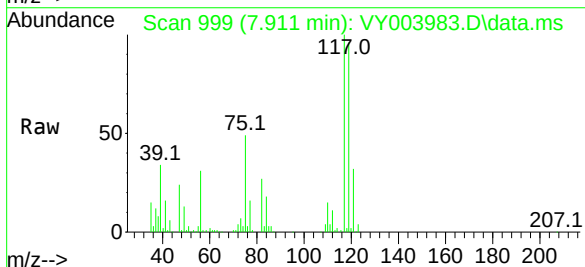
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

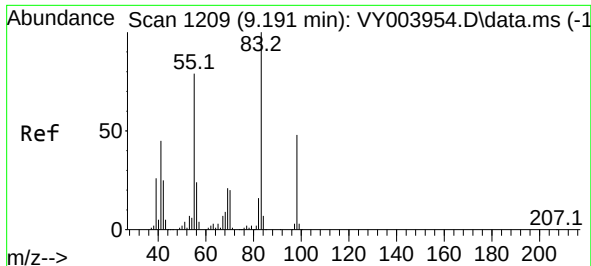
Tgt Ion: 43 Resp: 30603  
Ion Ratio Lower Upper  
43 100  
61 14.5 9.5 14.3#  
70 10.7 7.7 11.5



#38  
Carbon Tetrachloride  
Concen: 43.77 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 117 Resp: 64193  
Ion Ratio Lower Upper  
117 100  
119 95.6 77.4 116.0  
121 31.8 26.1 39.1





#39

Methylcyclohexane

Concen: 41.23 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.006 min

Lab File: VY003983.D

Acq: 04 Feb 2021 00:27

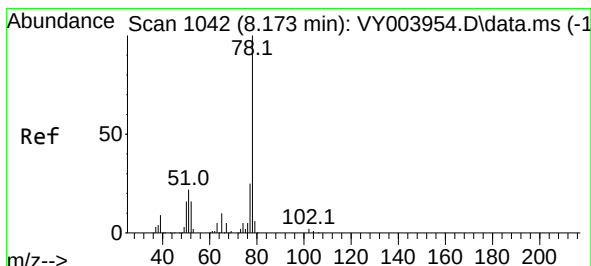
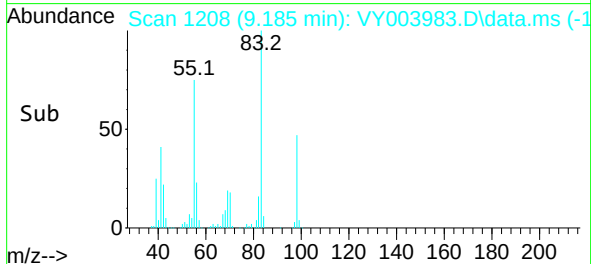
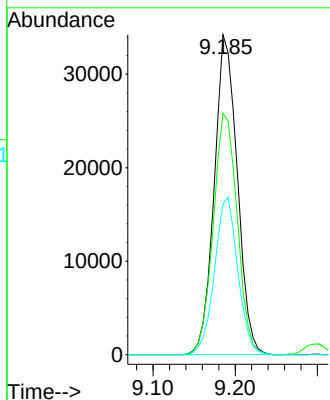
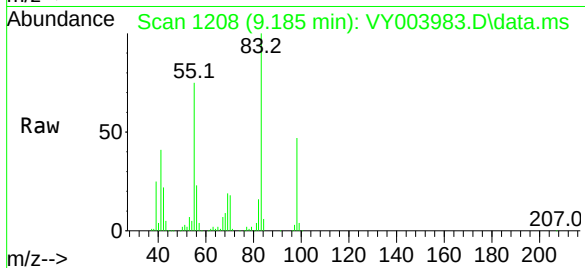
Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 66705 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 75.4  | 65.8  | 98.6  |
| 98       | 47.1  | 38.3  | 57.5  |



#40

Benzene

Concen: 43.26 ug/l

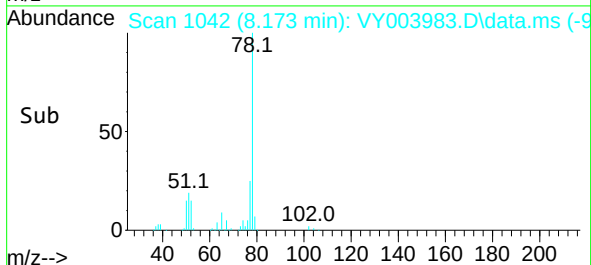
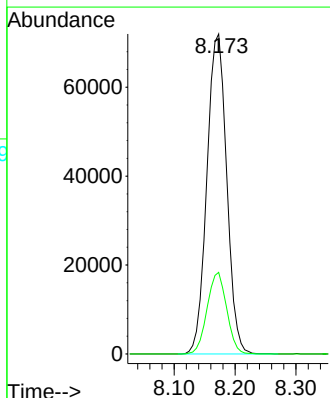
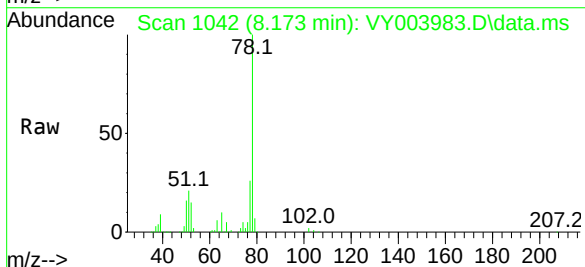
RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

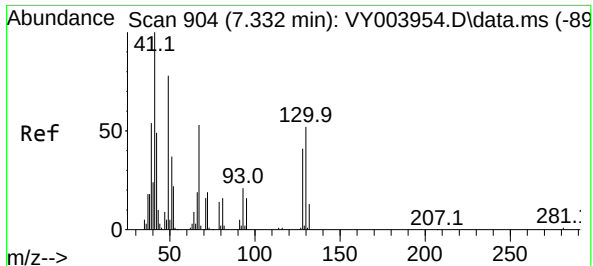
Lab File: VY003983.D

Acq: 04 Feb 2021 00:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 162316 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 25.5  | 20.4  | 30.6   |



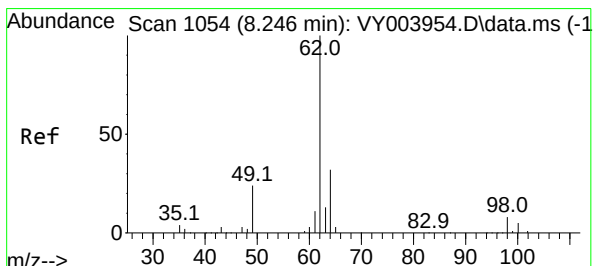
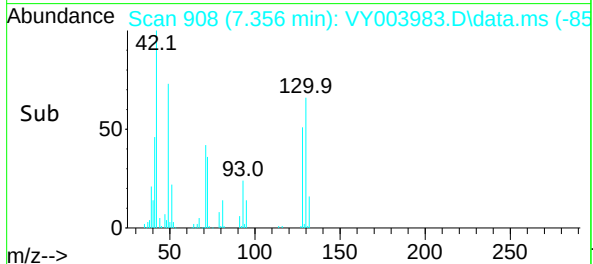
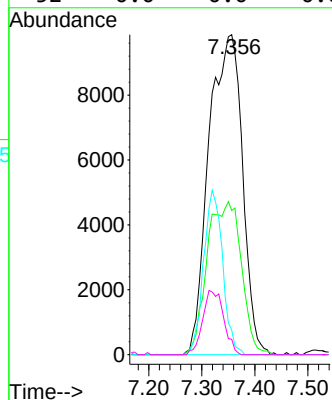
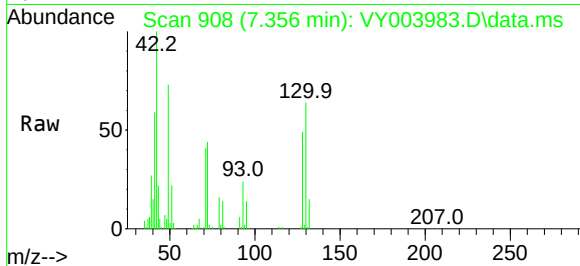




#41  
Methacrylonitrile  
Concen: 85.42 ug/l  
RT: 7.356 min Scan# 908  
Delta R.T. 0.024 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

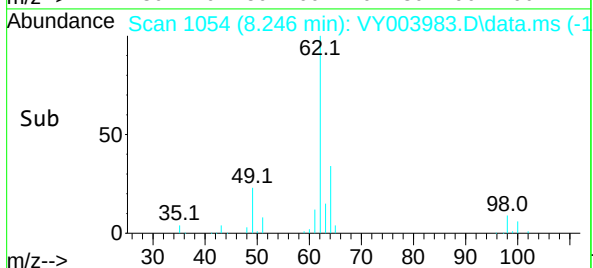
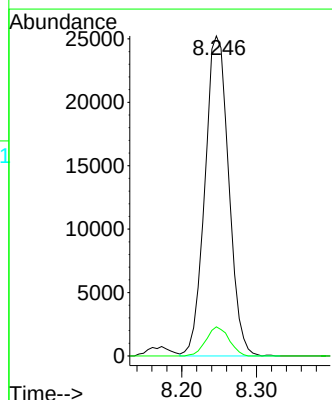
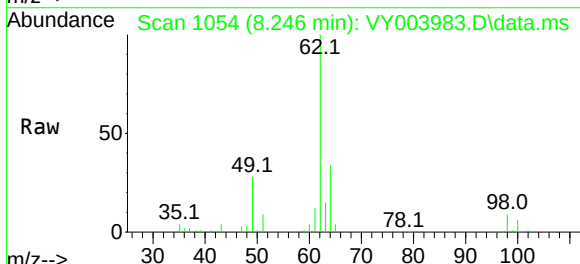
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

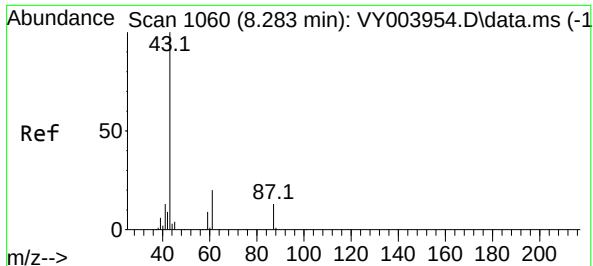
Tgt Ion: 41 Resp: 43254  
Ion Ratio Lower Upper  
41 100  
39 48.8 82.6 124.0#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 43.16 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 62 Resp: 55753  
Ion Ratio Lower Upper  
62 100  
98 8.8 0.0 17.0

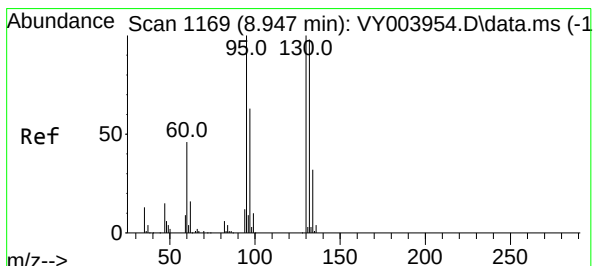
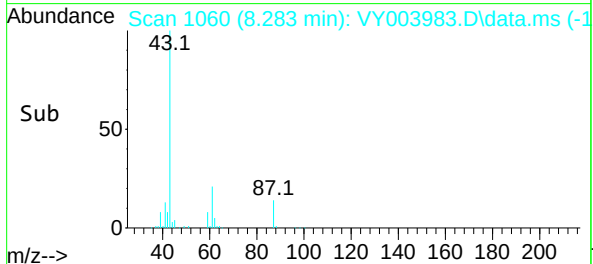
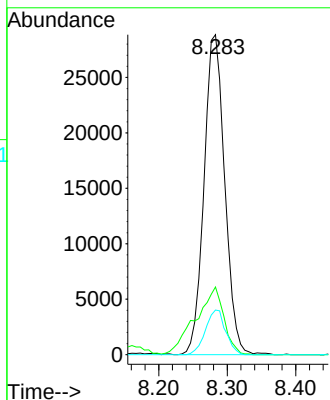
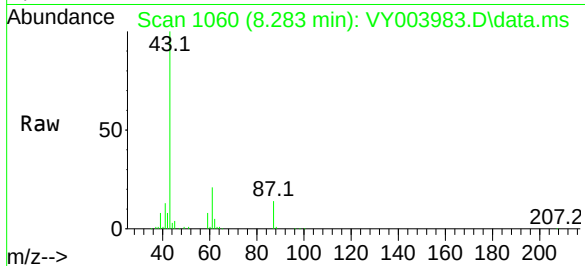




#43  
Isopropyl Acetate  
Concen: 40.63 ug/l  
RT: 8.283 min Scan# 1060  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

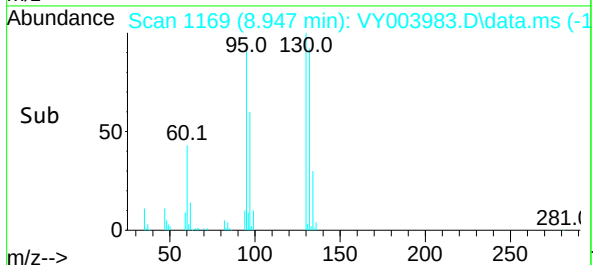
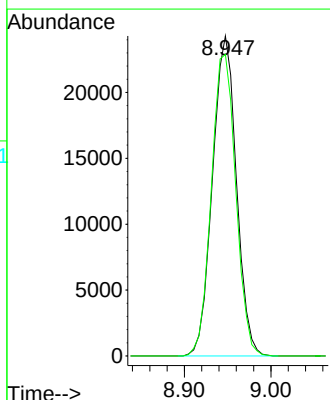
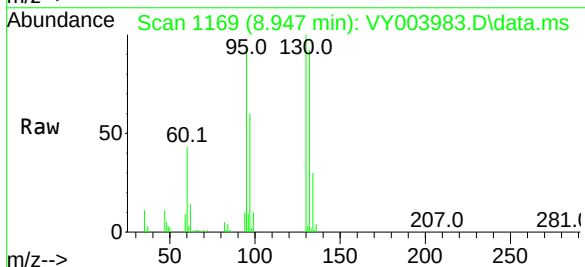
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

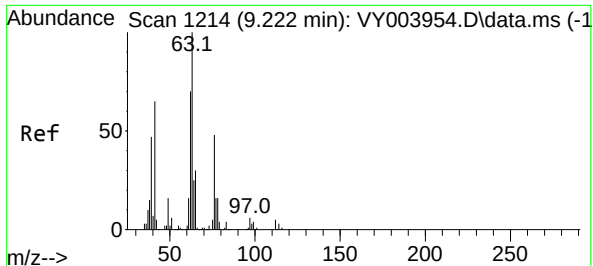
Tgt Ion: 43 Resp: 60680  
Ion Ratio Lower Upper  
43 100  
61 29.0 21.1 31.7  
87 13.6 9.1 13.7



#44  
Trichloroethene  
Concen: 44.89 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion:130 Resp: 46538  
Ion Ratio Lower Upper  
130 100  
95 94.2 0.0 199.4



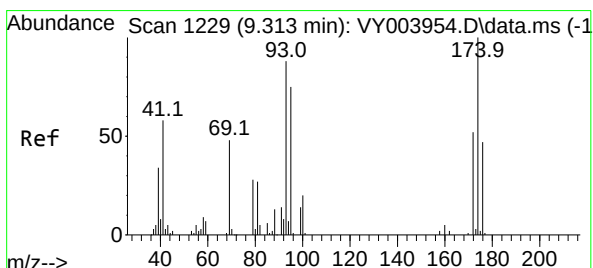
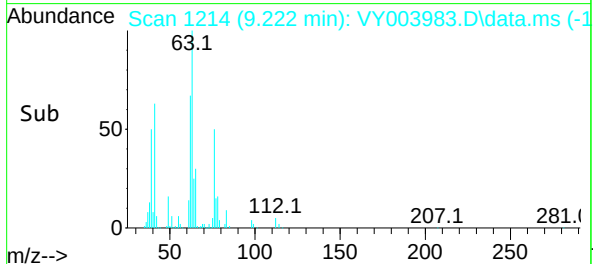
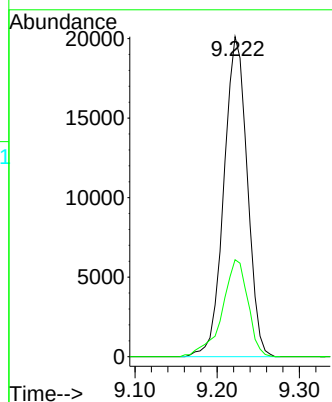
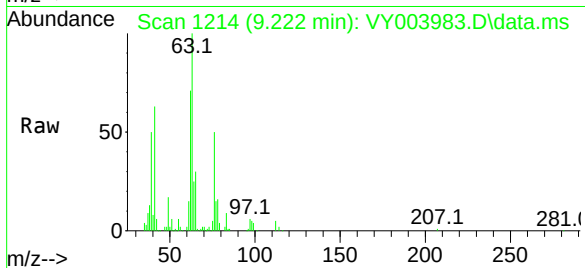


#45

1,2-Dichloropropane  
Concen: 42.82 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

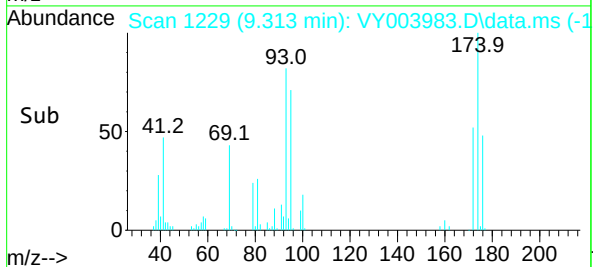
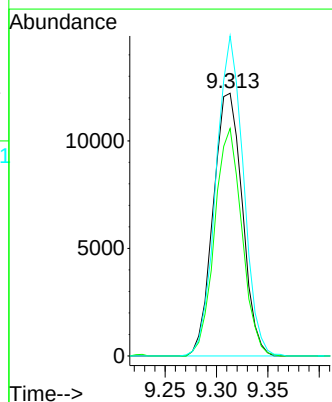
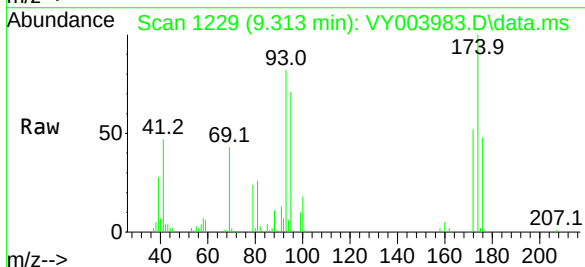
Tgt Ion: 63 Resp: 39769  
Ion Ratio Lower Upper  
63 100  
65 30.3 24.4 36.6

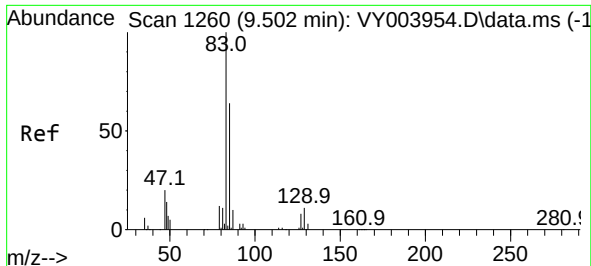


#46

Dibromomethane  
Concen: 45.22 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 93 Resp: 24000  
Ion Ratio Lower Upper  
93 100  
95 81.5 66.4 99.6  
174 114.7 82.2 123.2





#47

Bromodichloromethane

Concen: 44.17 ug/l

RT: 9.502 min Scan# 1260

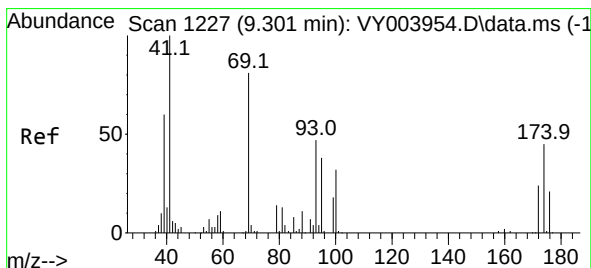
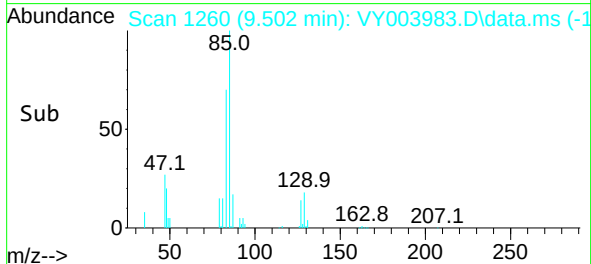
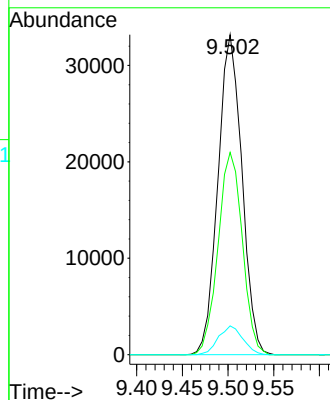
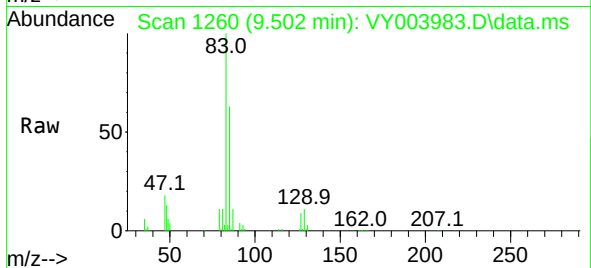
Delta R.T. 0.000 min

Lab File: VY003983.D

Acq: 04 Feb 2021 00:27

Tgt Ion: 83 Resp: 60616

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 63.2  | 49.2  | 73.8  |
| 127 | 9.0   | 6.7   | 10.1  |



#48

Methyl methacrylate

Concen: 40.14 ug/l

RT: 9.295 min Scan# 1226

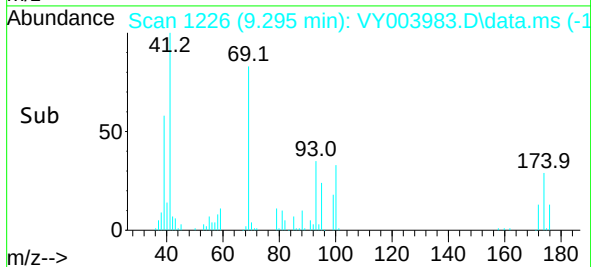
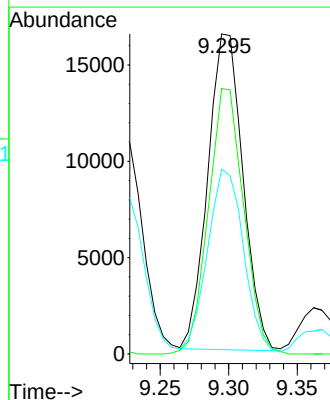
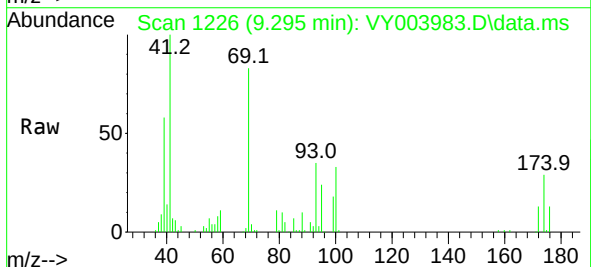
Delta R.T. -0.006 min

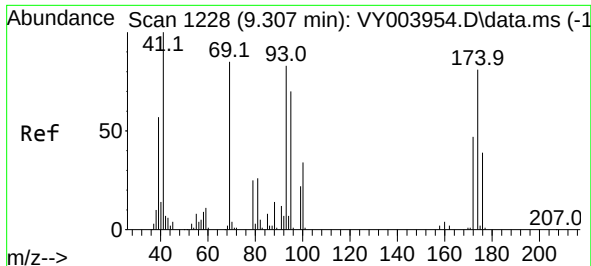
Lab File: VY003983.D

Acq: 04 Feb 2021 00:27

Tgt Ion: 41 Resp: 29288

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 84.1  | 60.8  | 91.2  |
| 39  | 60.5  | 48.2  | 72.2  |





#49

1,4-Dioxane

Concen: 1003.78 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY003983.D

Acq: 04 Feb 2021 00:27

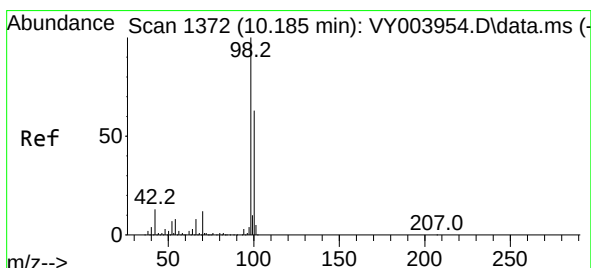
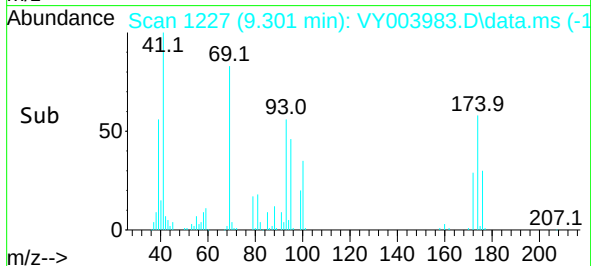
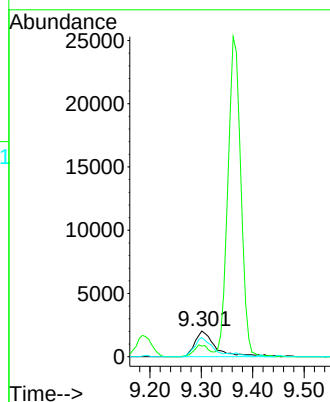
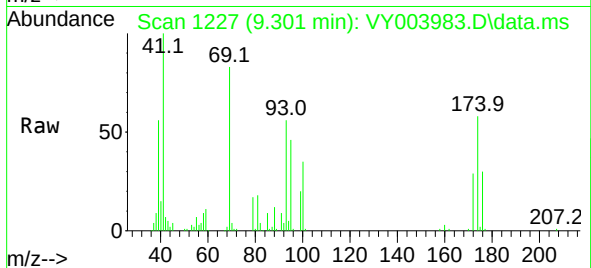
Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 5665  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 34.1  | 32.6  | 48.8  |
| 58       | 64.6  | 60.2  | 90.4  |



#50

Toluene-d8

Concen: 48.41 ug/l

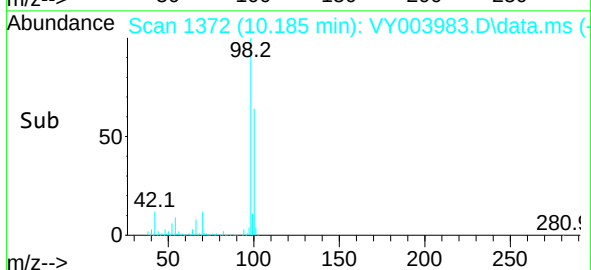
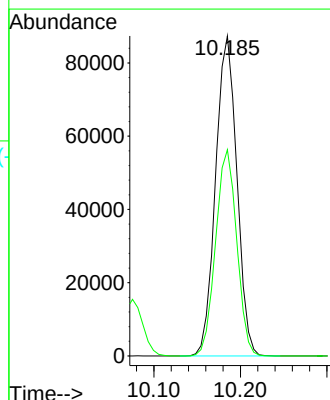
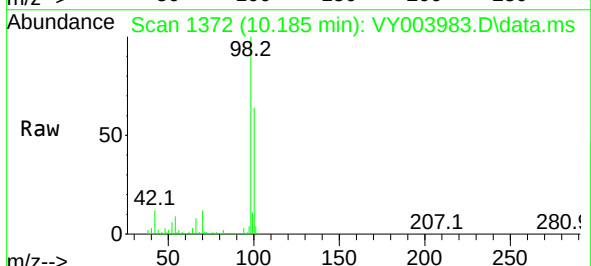
RT: 10.185 min Scan# 1372

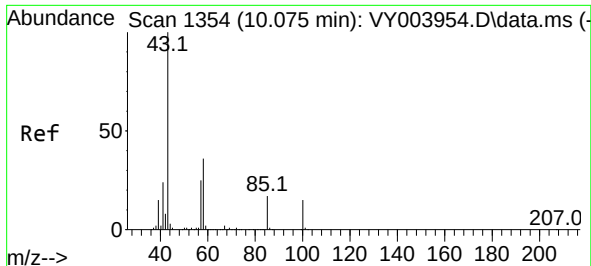
Delta R.T. 0.000 min

Lab File: VY003983.D

Acq: 04 Feb 2021 00:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 149066 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.0  | 50.5  | 75.7   |

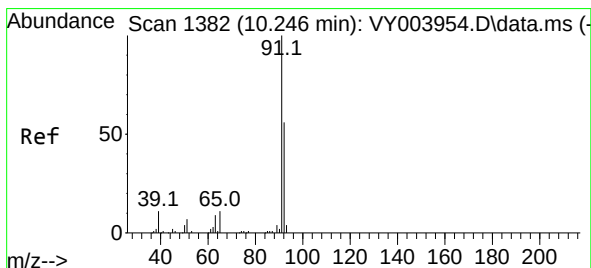
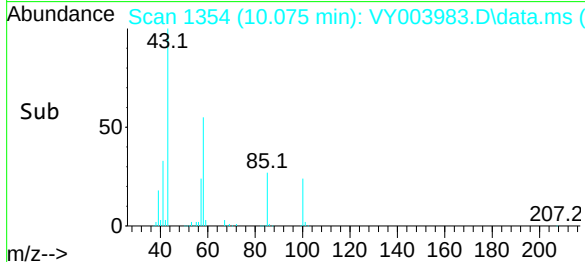
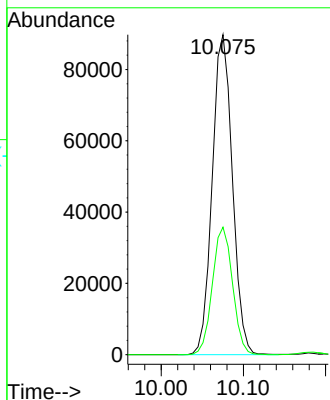
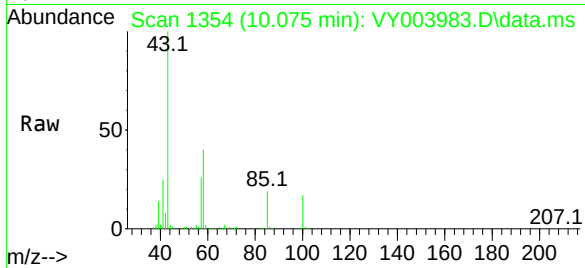




#51  
4-Methyl-2-Pentanone  
Concen: 200.54 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

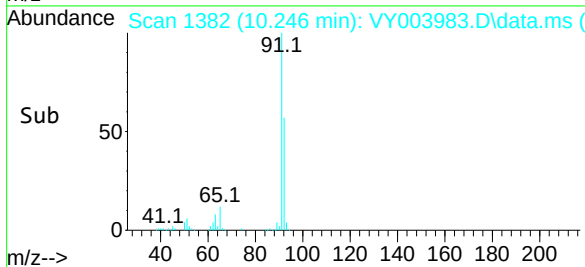
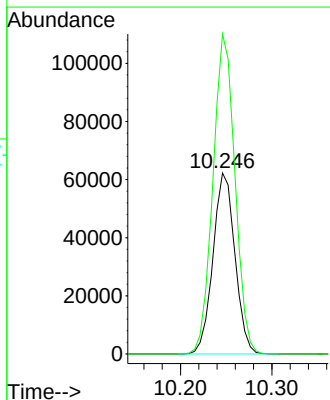
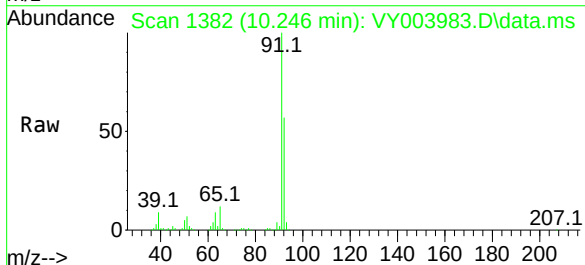
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

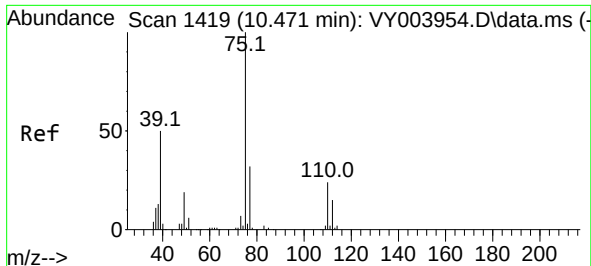
Tgt Ion: 43 Resp: 152952  
Ion Ratio Lower Upper  
43 100  
58 39.8 28.6 42.8



#52  
Toluene  
Concen: 43.84 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 92 Resp: 103813  
Ion Ratio Lower Upper  
92 100  
91 177.5 142.7 214.1

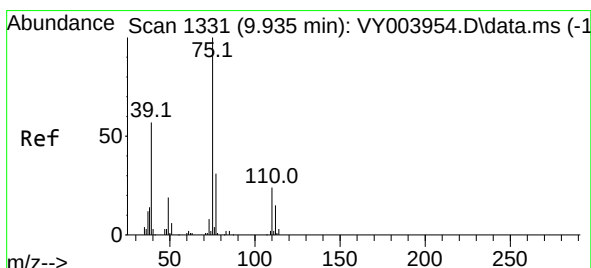
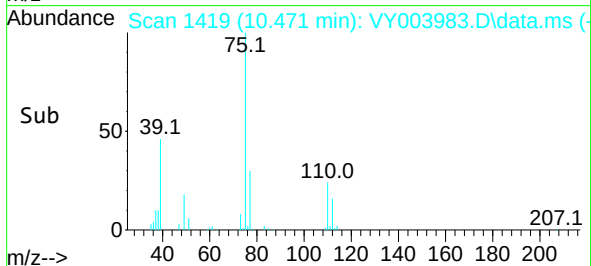
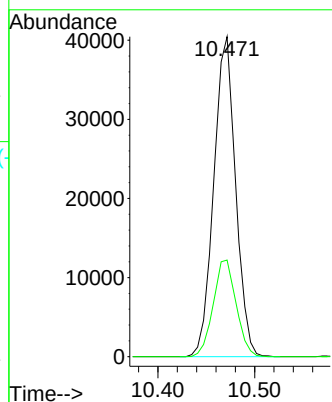
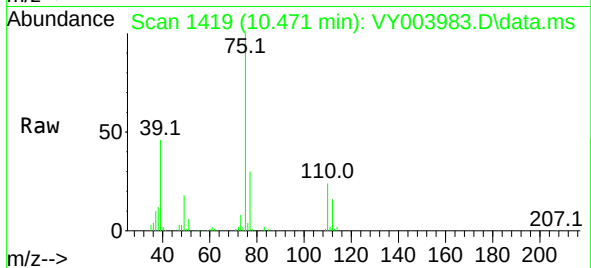




#53  
t-1,3-Dichloropropene  
Concen: 43.83 ug/l  
RT: 10.471 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

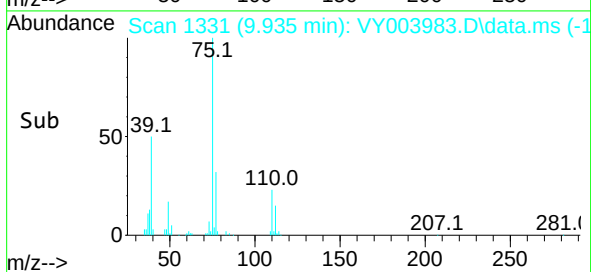
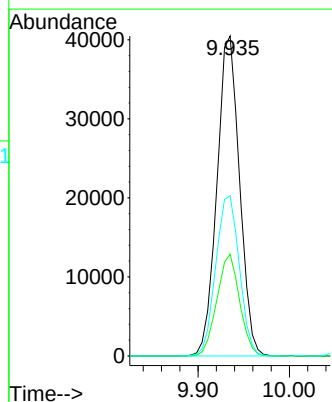
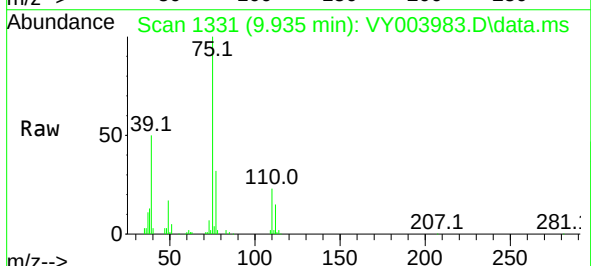
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

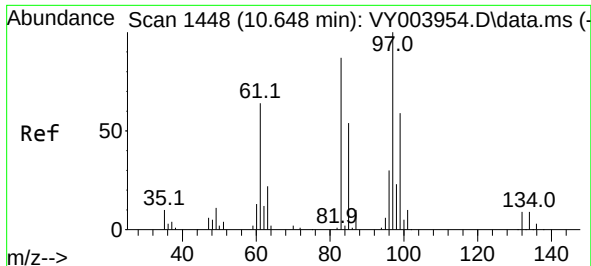
Tgt Ion: 75 Resp: 63357  
Ion Ratio Lower Upper  
75 100  
77 30.2 25.2 37.8



#54  
cis-1,3-Dichloropropene  
Concen: 43.39 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 75 Resp: 69557  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.3 37.9  
39 50.0 47.0 70.4

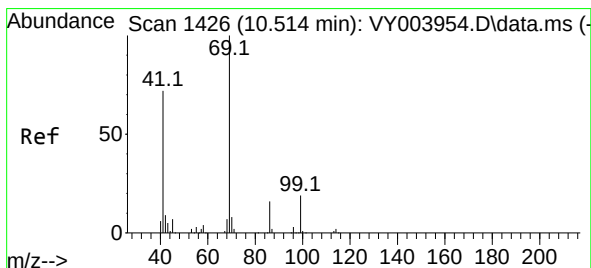
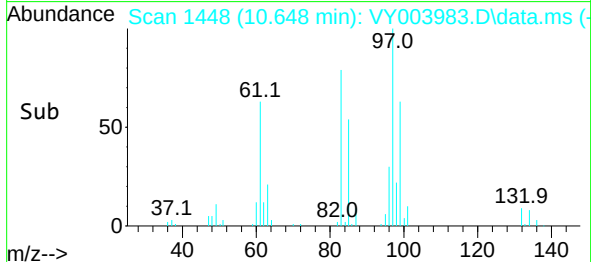
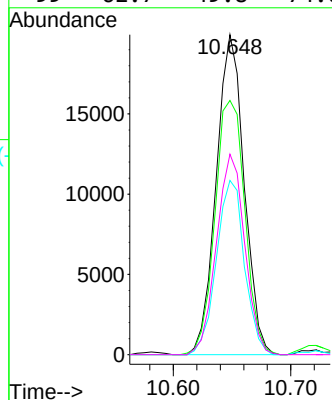
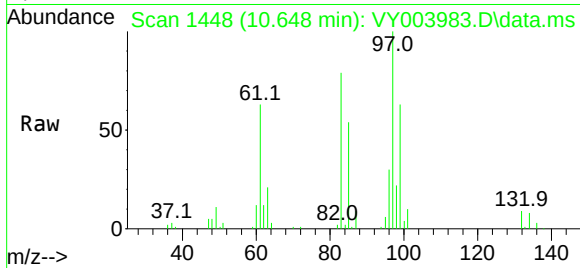




#55  
1,1,2-Trichloroethane  
Concen: 44.77 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

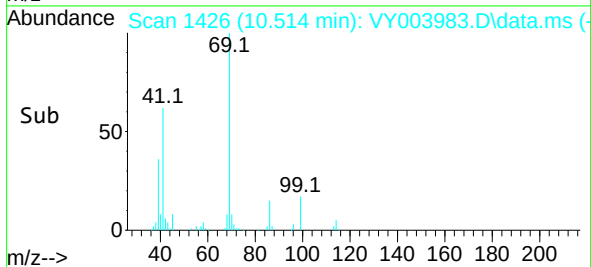
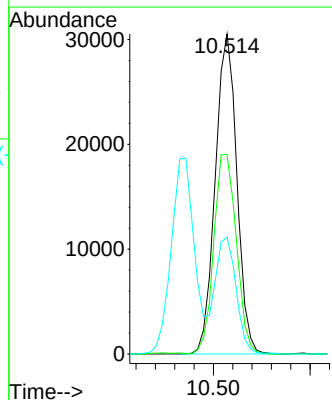
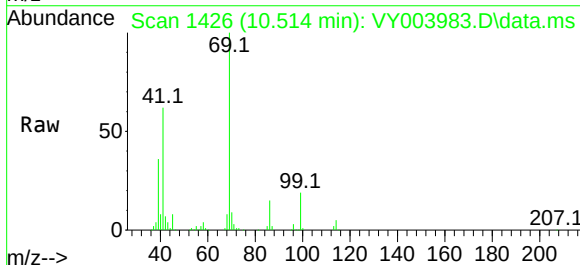
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 32935 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 79.4  | 70.6  | 106.0 |
| 85       | 54.5  | 45.8  | 68.8  |
| 99       | 62.7  | 49.8  | 74.6  |

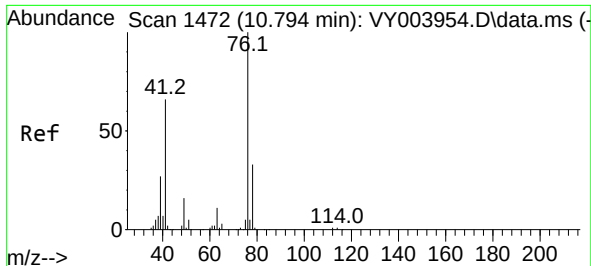


#56  
Ethyl methacrylate  
Concen: 44.97 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 47221 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 65.3  | 59.6  | 89.4  |
| 39       | 36.9  | 31.9  | 47.9  |



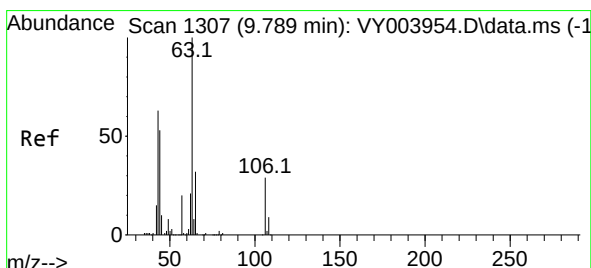
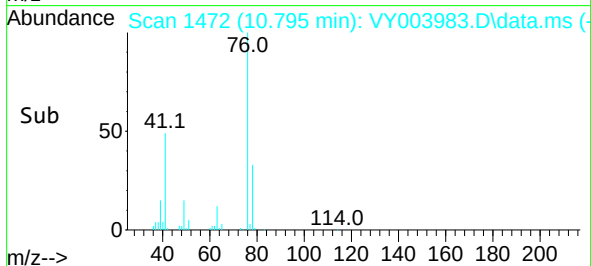
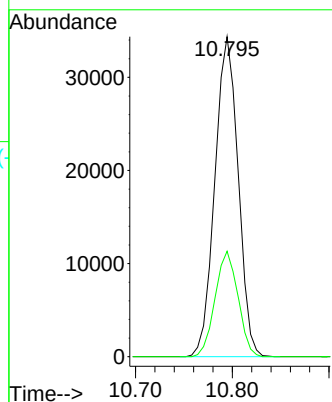
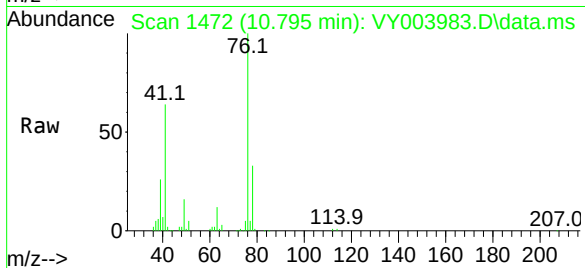




#57  
1,3-Dichloropropane  
Concen: 43.59 ug/l  
RT: 10.795 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

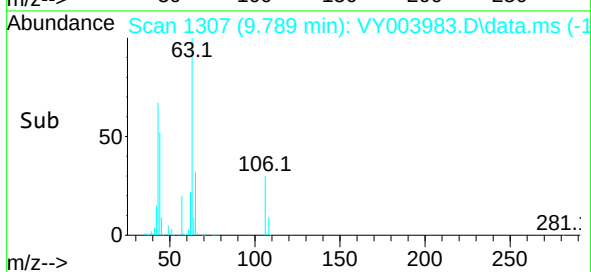
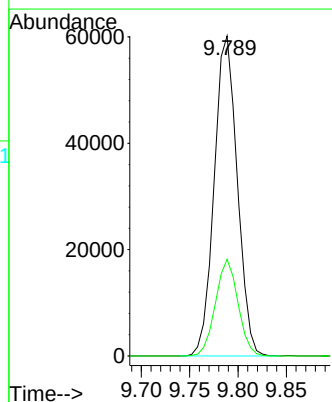
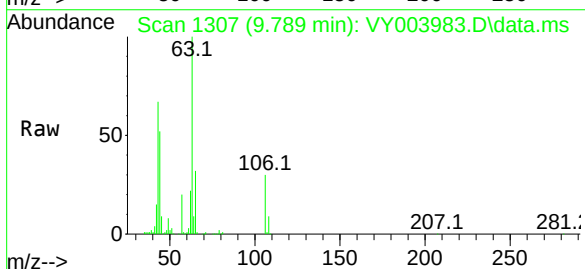
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

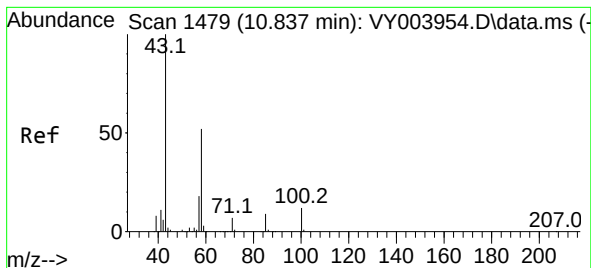
Tgt Ion: 76 Resp: 57443  
Ion Ratio Lower Upper  
76 100  
78 32.3 25.4 38.2



#58  
2-Chloroethyl Vinyl ether  
Concen: 209.53 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 63 Resp: 99771  
Ion Ratio Lower Upper  
63 100  
106 29.4 21.9 32.9

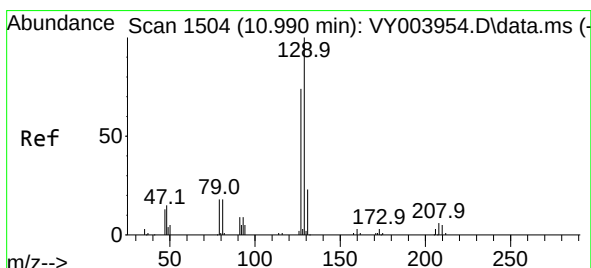
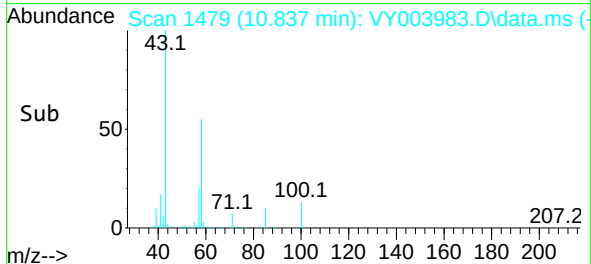
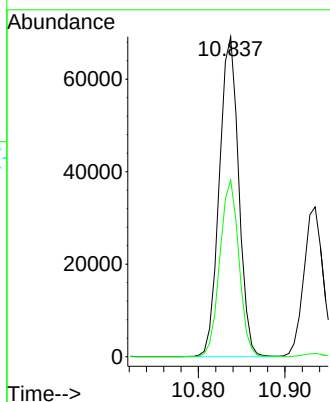
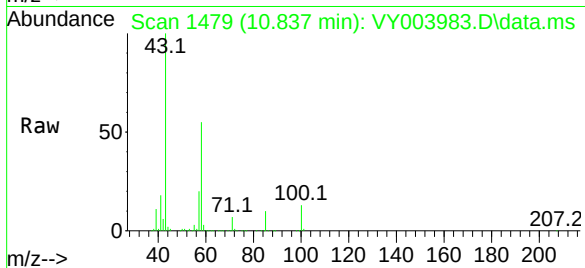




#59  
2-Hexanone  
Concen: 200.92 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

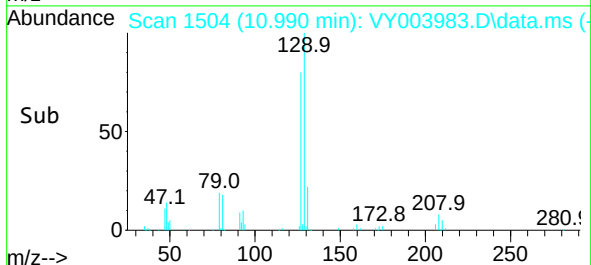
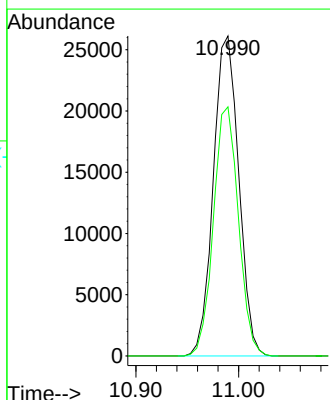
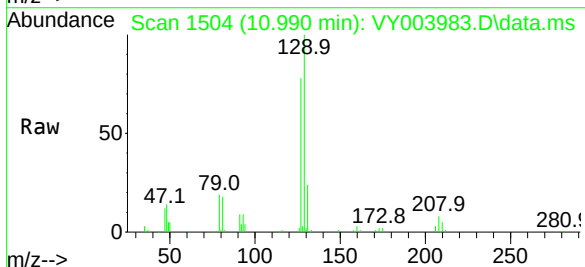
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

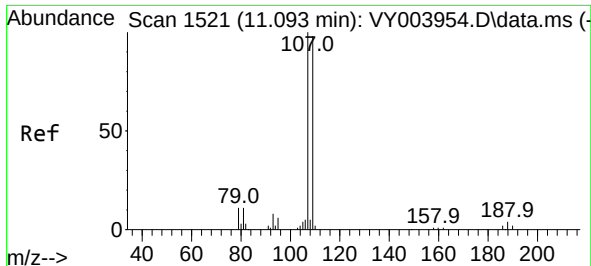
Tgt Ion: 43 Resp: 107416  
Ion Ratio Lower Upper  
43 100  
58 54.4 24.8 74.4



#60  
Dibromochloromethane  
Concen: 46.82 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 129 Resp: 44886  
Ion Ratio Lower Upper  
129 100  
127 76.5 39.1 117.3

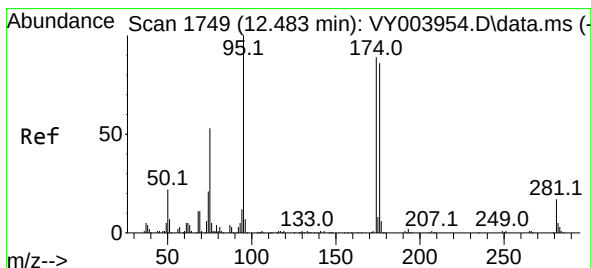
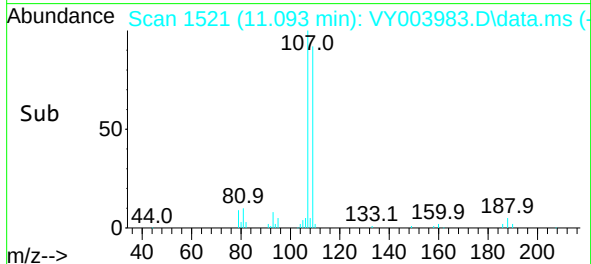
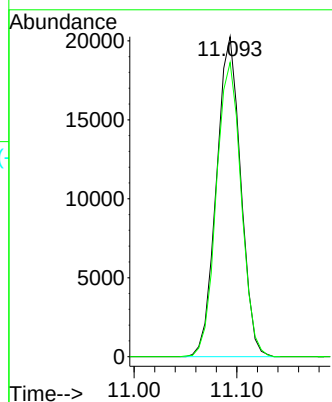
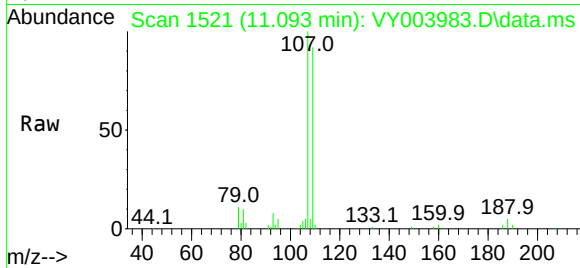




#61  
1,2-Dibromoethane  
Concen: 45.10 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

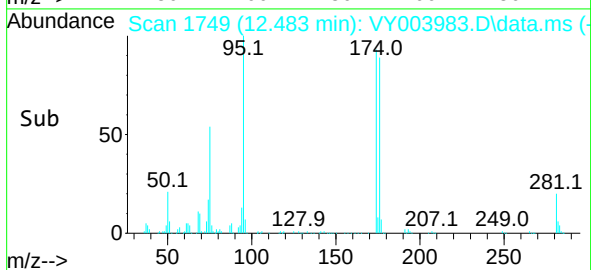
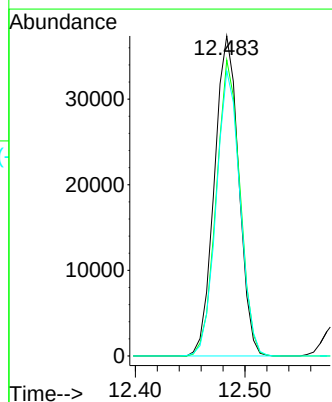
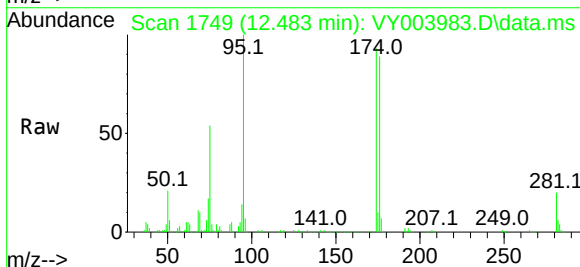
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

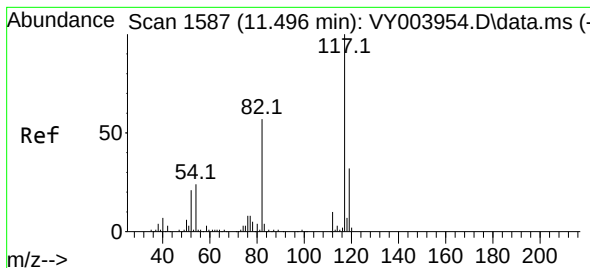
Tgt Ion:107 Resp: 33191  
Ion Ratio Lower Upper  
107 100  
109 94.0 74.0 111.0



#62  
4-Bromofluorobenzene  
Concen: 51.32 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 95 Resp: 57605  
Ion Ratio Lower Upper  
95 100  
174 90.1 0.0 184.4  
176 87.4 0.0 177.2

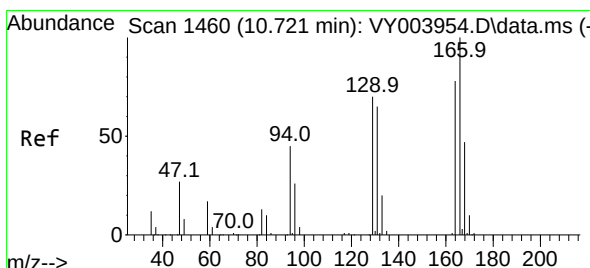
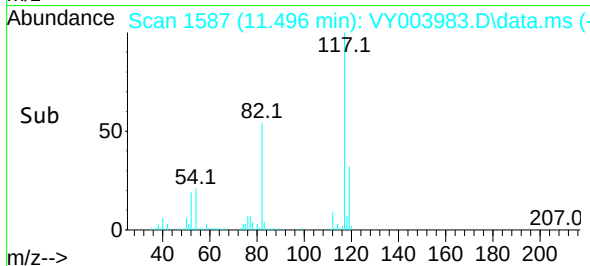
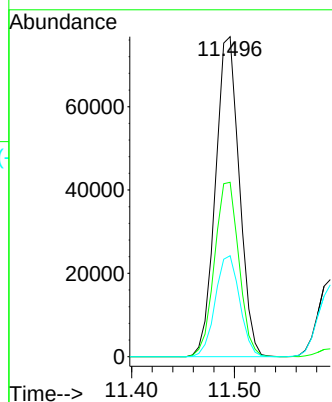
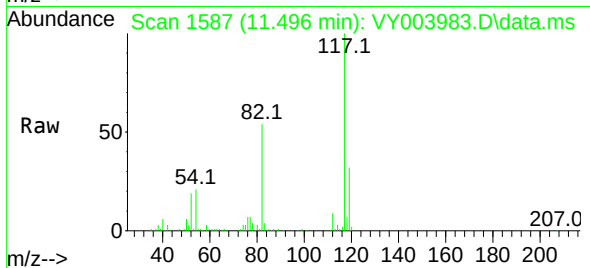




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

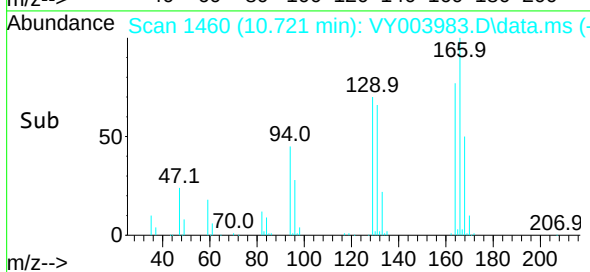
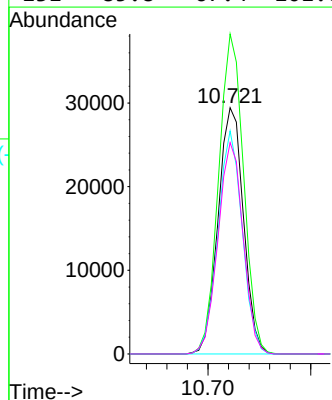
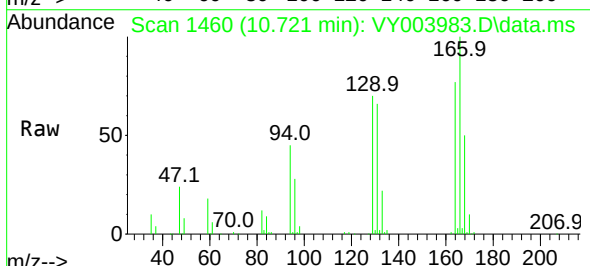
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

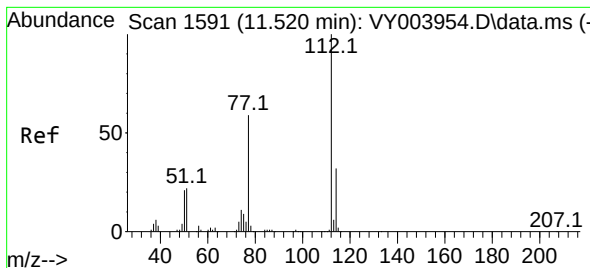
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 123624 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 54.5  | 44.3  | 66.5   |
| 119      | 31.5  | 25.0  | 37.6   |



#64  
Tetrachloroethene  
Concen: 45.38 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 50300 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 129.9 | 101.0 | 151.4 |
| 129      | 90.6  | 68.9  | 103.3 |
| 131      | 85.8  | 67.4  | 101.0 |

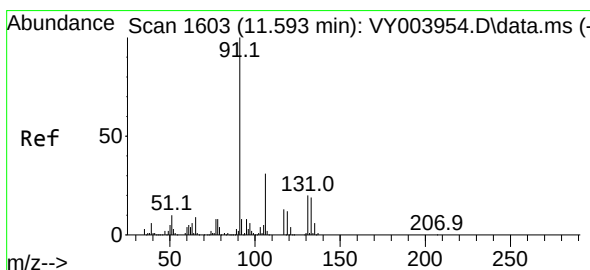
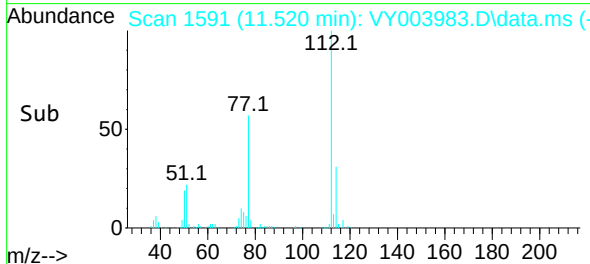
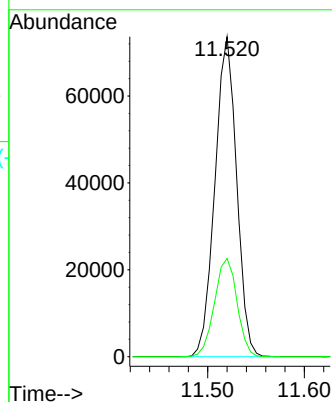
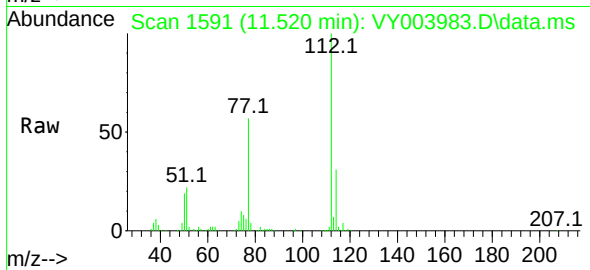




#65  
Chlorobenzene  
Concen: 45.69 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

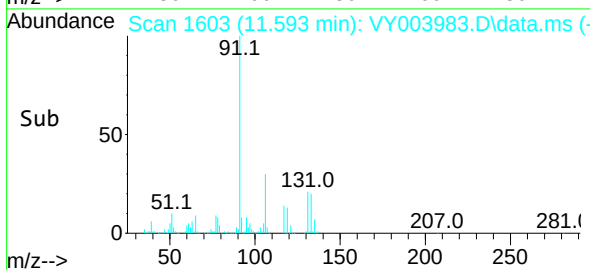
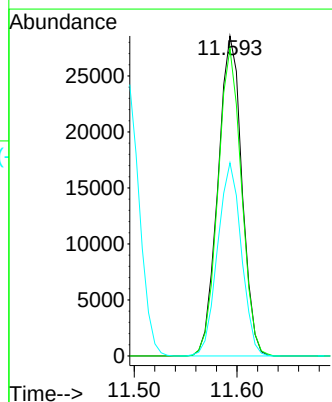
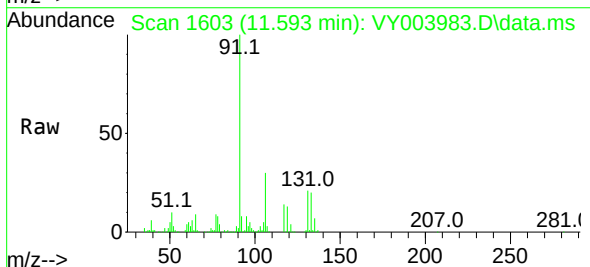
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

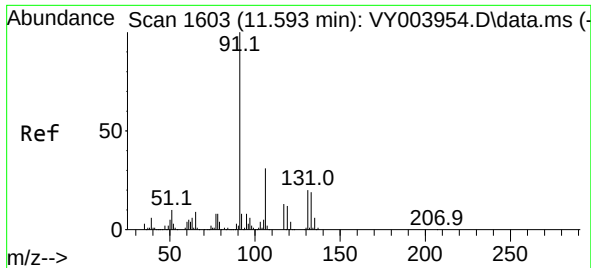
Tgt Ion:112 Resp: 114497  
Ion Ratio Lower Upper  
112 100  
114 30.7 26.1 39.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 47.16 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion:131 Resp: 46100  
Ion Ratio Lower Upper  
131 100  
133 94.5 47.4 142.2  
119 60.0 31.6 94.7

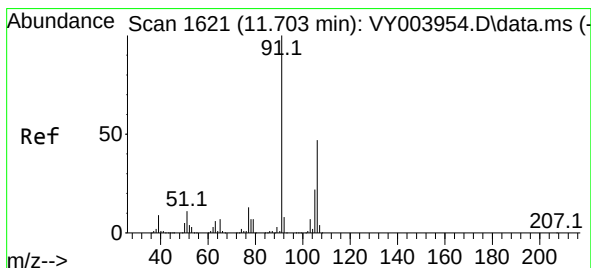
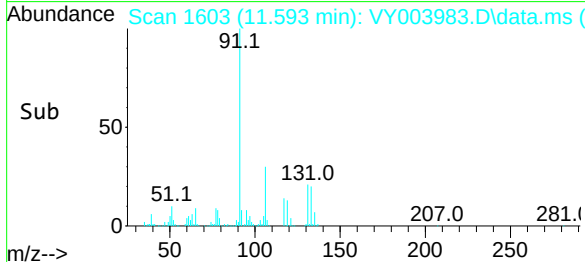
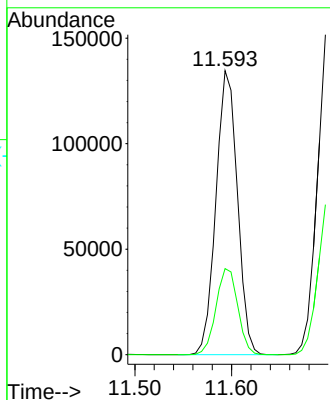
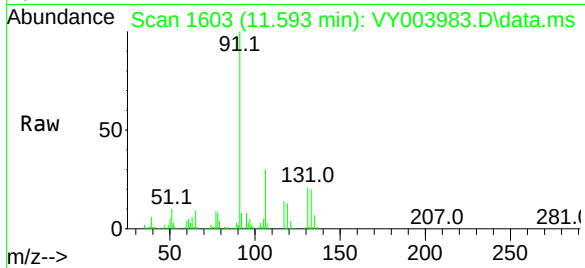




#67  
Ethyl Benzene  
Concen: 44.08 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

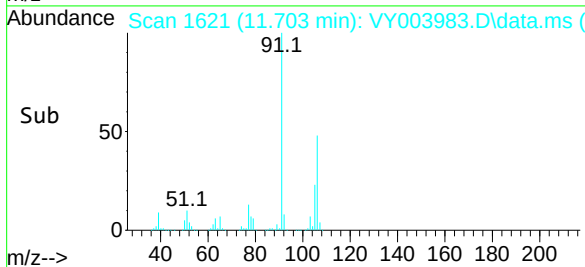
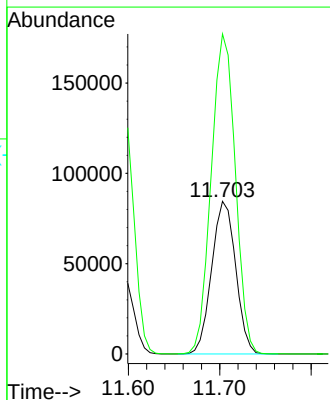
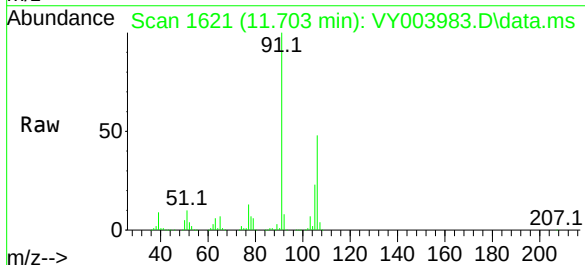
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

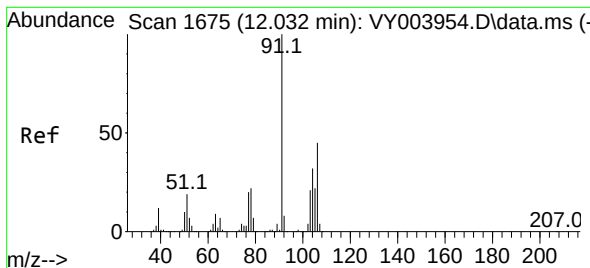
Tgt Ion: 91 Resp: 207093  
Ion Ratio Lower Upper  
91 100  
106 30.3 23.9 35.9



#68  
m/p-Xylenes  
Concen: 88.66 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 106 Resp: 154378  
Ion Ratio Lower Upper  
106 100  
91 210.2 167.1 250.7

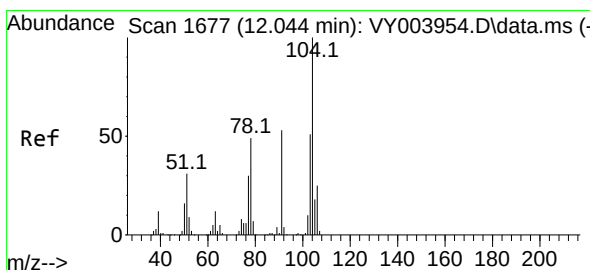
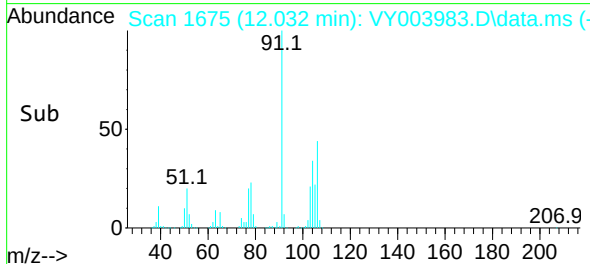
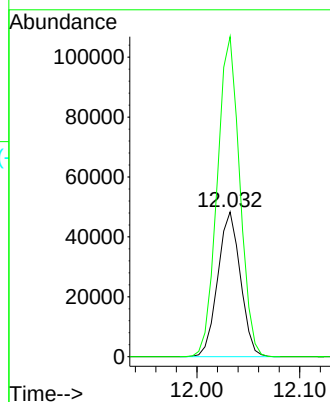
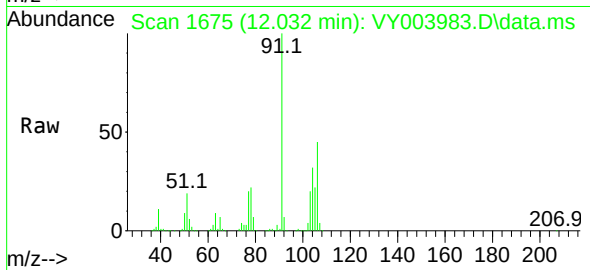




#69  
o-Xylene  
Concen: 45.45 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

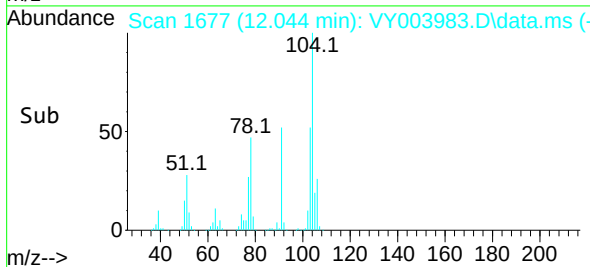
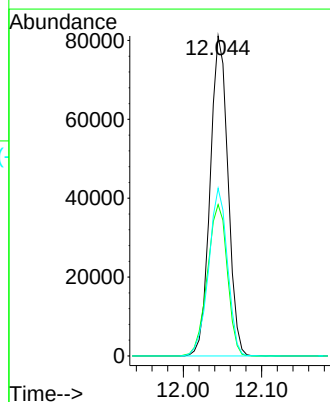
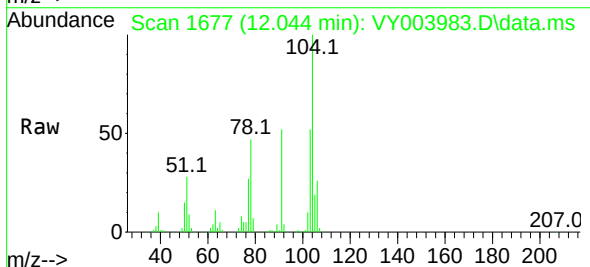
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

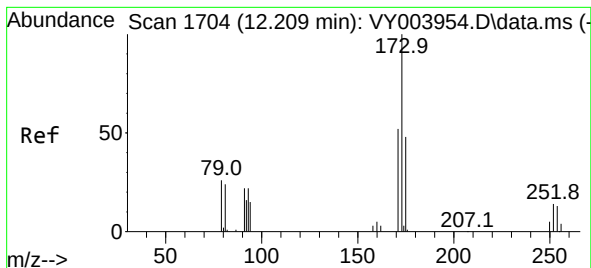
Tgt Ion:106 Resp: 73618  
Ion Ratio Lower Upper  
106 100  
91 220.5 110.8 332.4



#70  
Styrene  
Concen: 45.84 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

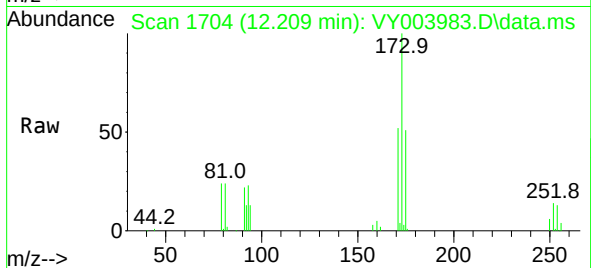
Tgt Ion:104 Resp: 128109  
Ion Ratio Lower Upper  
104 100  
78 52.9 43.0 64.4  
103 55.4 45.0 67.4



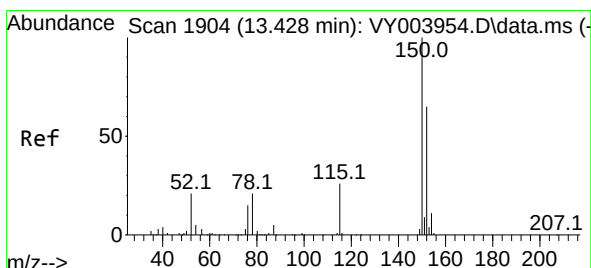
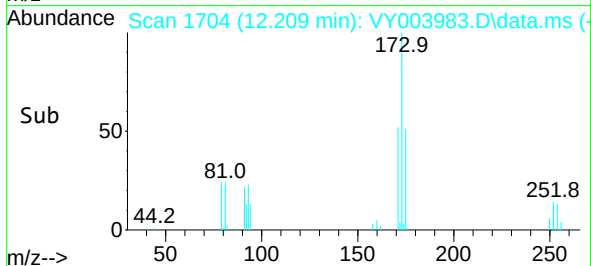
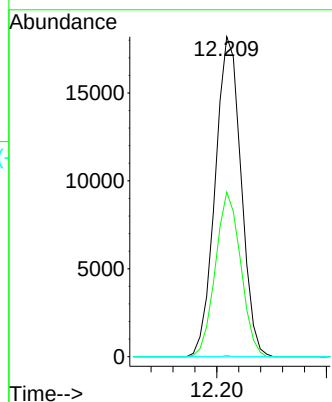


#71  
Bromoform  
Concen: 47.68 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

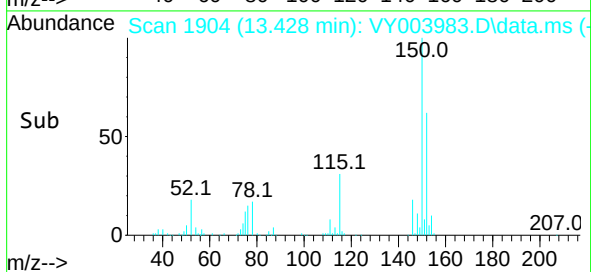
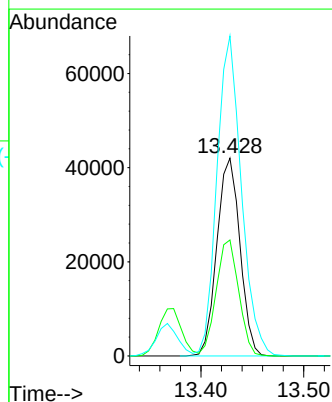
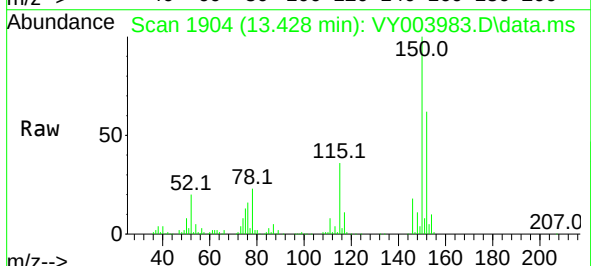


Tgt Ion:173 Resp: 29830  
Ion Ratio Lower Upper  
173 100  
175 50.2 23.4 70.2  
254 0.1 0.0 0.0#

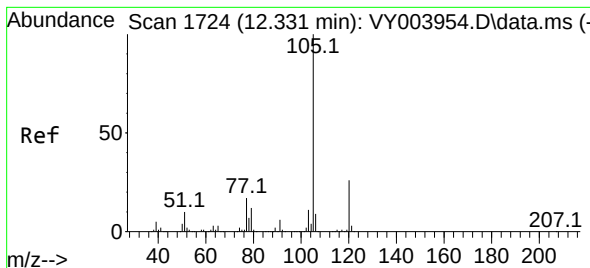


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion:152 Resp: 65468  
Ion Ratio Lower Upper  
152 100  
115 57.4 28.2 84.6  
150 171.5 0.0 356.2







#73

Isopropylbenzene

Concen: 43.91 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY003983.D

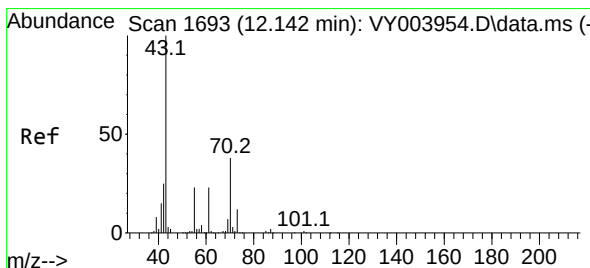
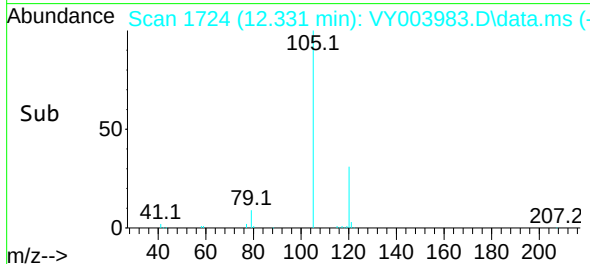
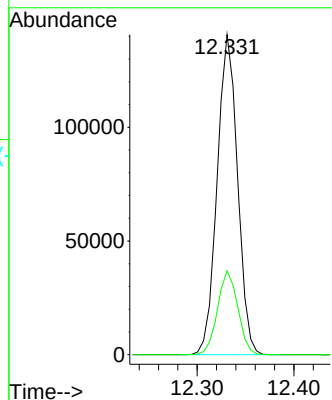
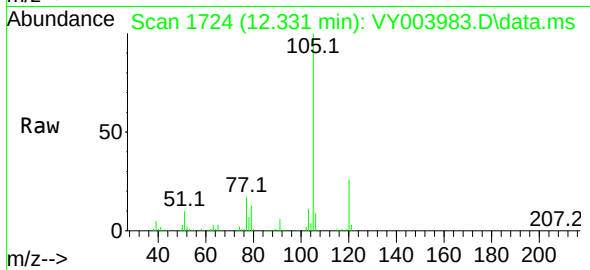
Acq: 04 Feb 2021 00:27

Tgt Ion:105 Resp: 205778

Ion Ratio Lower Upper

105 100

120 26.0 13.6 40.8



#74

N-ethyl acetate

Concen: 39.39 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY003983.D

Acq: 04 Feb 2021 00:27

Tgt Ion: 43 Resp: 54258

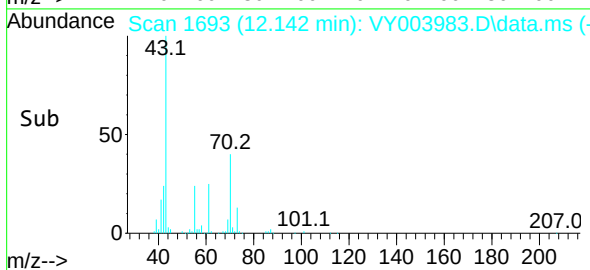
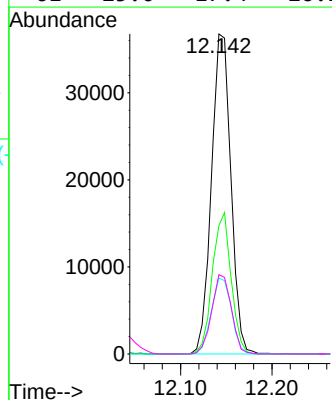
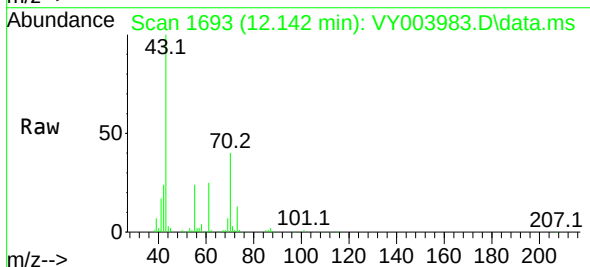
Ion Ratio Lower Upper

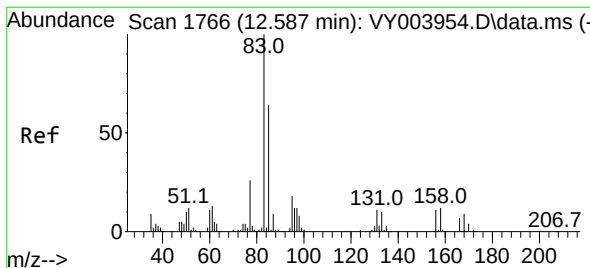
43 100

70 42.5 29.6 44.4

55 24.5 18.4 27.6

61 25.0 17.4 26.2

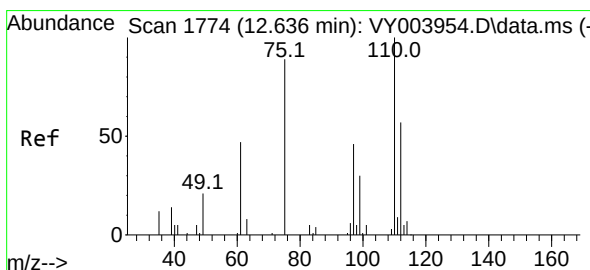
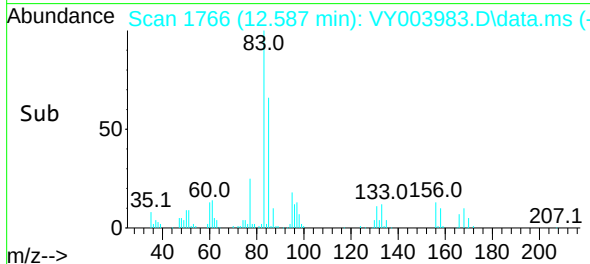
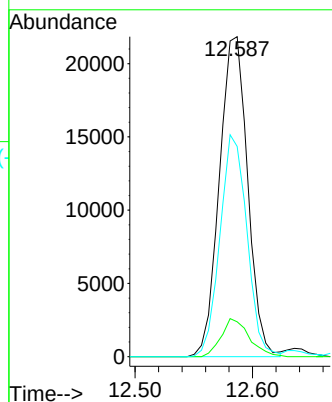
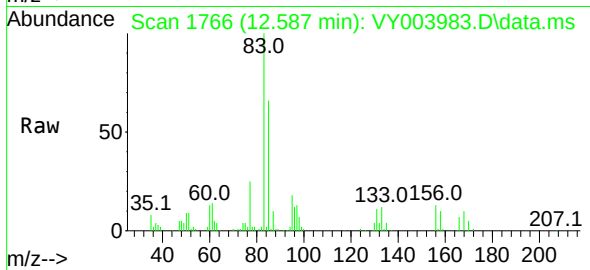




#75  
1,1,2,2-Tetrachloroethane  
Concen: 42.99 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

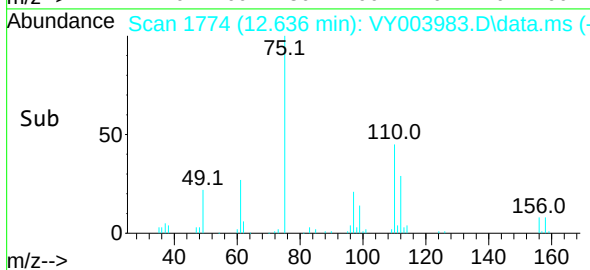
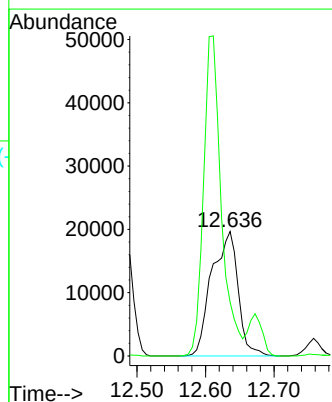
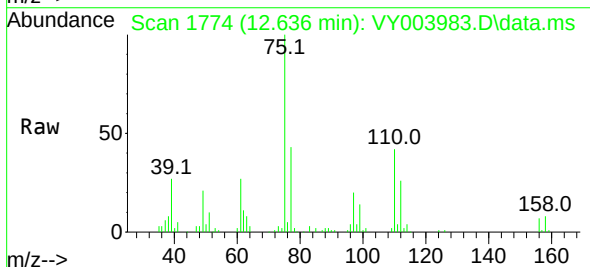
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

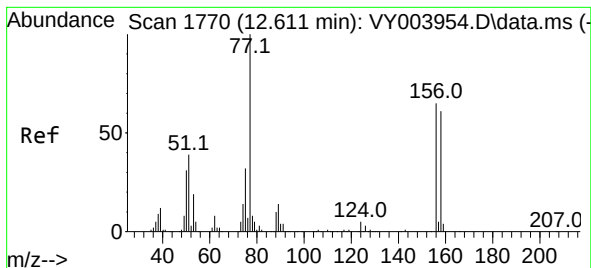
Tgt Ion: 83 Resp: 36529  
Ion Ratio Lower Upper  
83 100  
131 11.8 5.3 16.1  
85 66.3 31.6 94.8



#76  
1,2,3-Trichloropropane  
Concen: 79.62 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 75 Resp: 52517  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

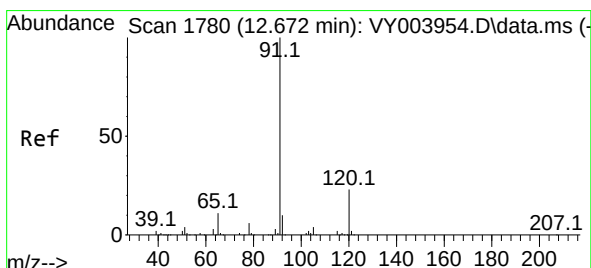
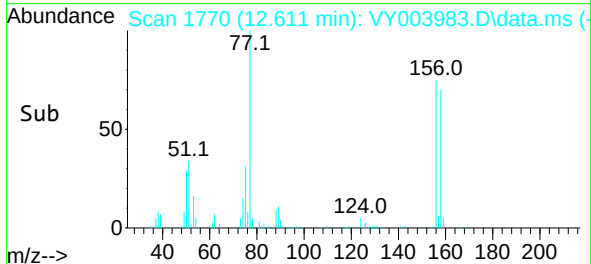
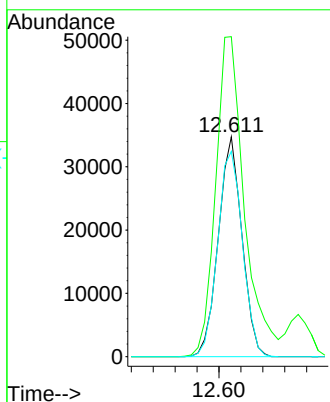
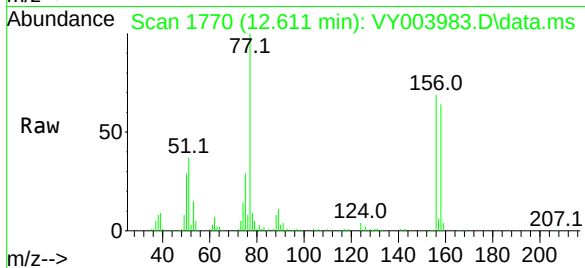




#77  
Bromobenzene  
Concen: 44.78 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

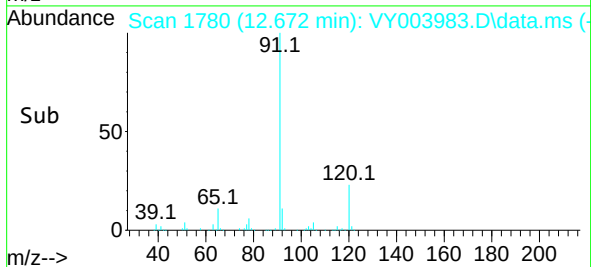
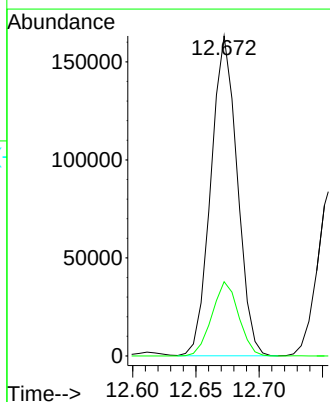
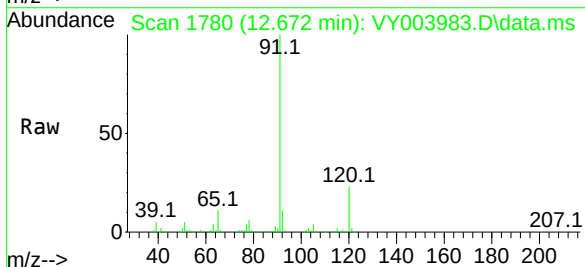
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

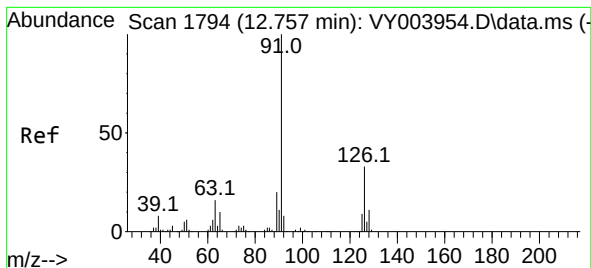
Tgt Ion:156 Resp: 52007  
Ion Ratio Lower Upper  
156 100  
77 176.5 93.8 281.6  
158 98.4 48.8 146.4



#78  
n-propylbenzene  
Concen: 42.40 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 91 Resp: 236413  
Ion Ratio Lower Upper  
91 100  
120 23.5 11.4 34.2

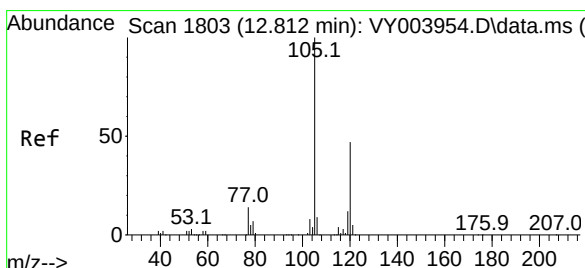
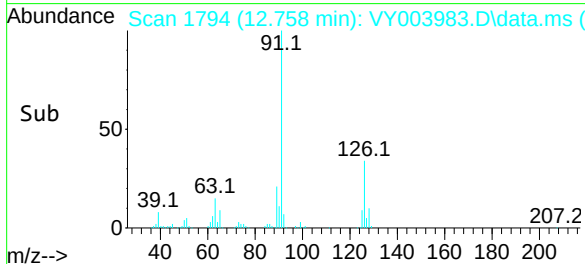
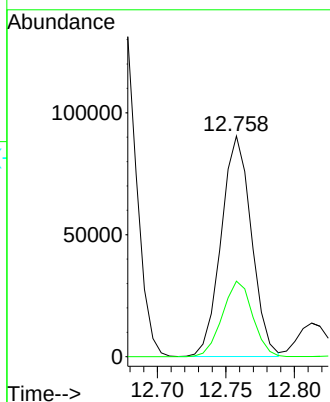
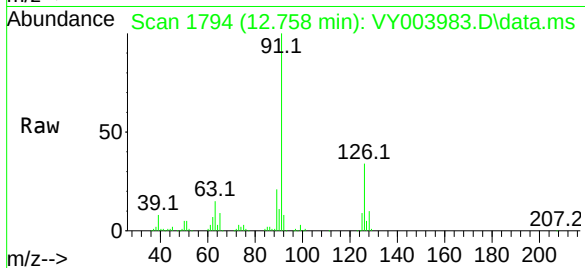




#79  
2-Chlorotoluene  
Concen: 43.47 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

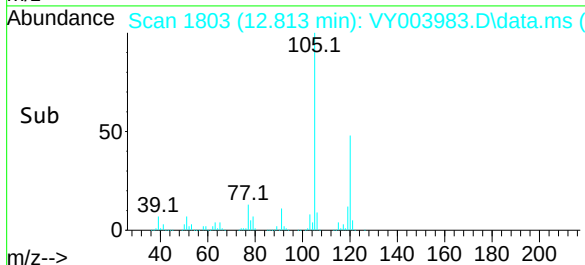
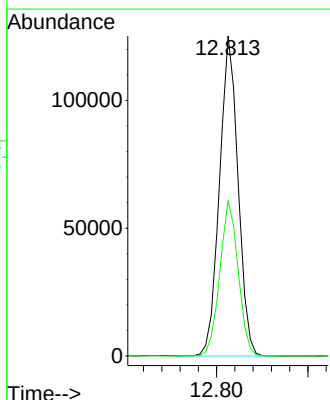
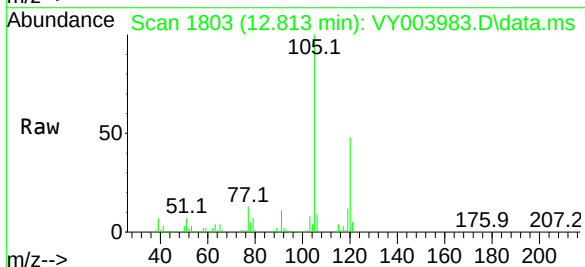
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

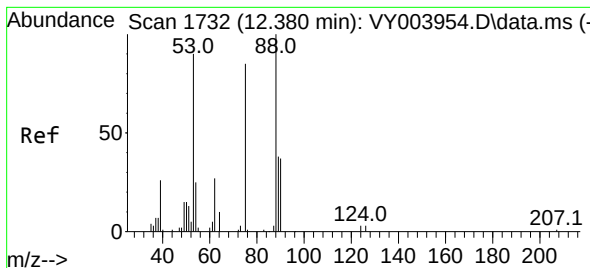
Tgt Ion: 91 Resp: 138798  
Ion Ratio Lower Upper  
91 100  
126 34.3 16.7 50.1



#80  
1,3,5-Trimethylbenzene  
Concen: 43.95 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 105 Resp: 176715  
Ion Ratio Lower Upper  
105 100  
120 47.9 23.9 71.7

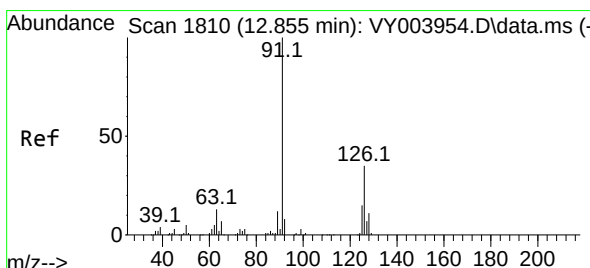
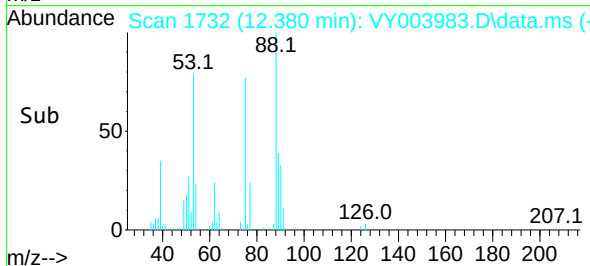
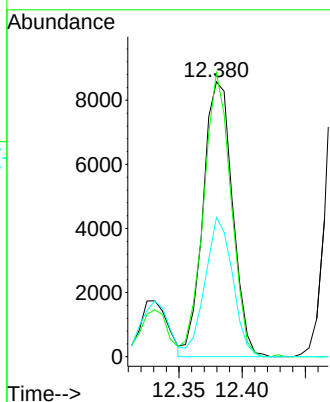
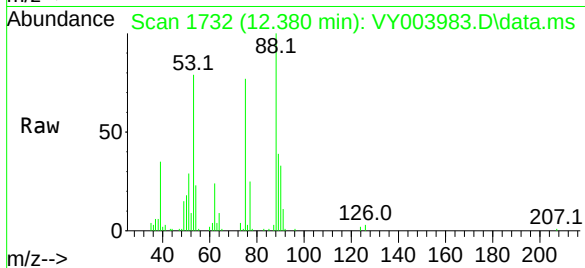




#81  
trans-1,4-Dichloro-2-butene  
Concen: 40.24 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

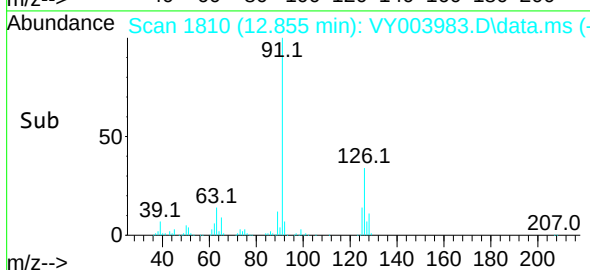
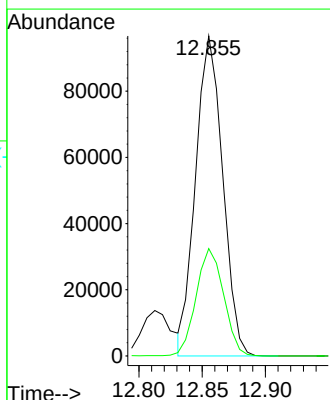
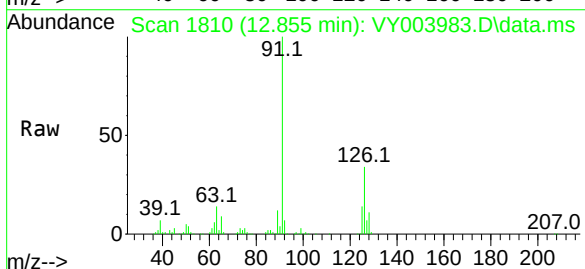
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

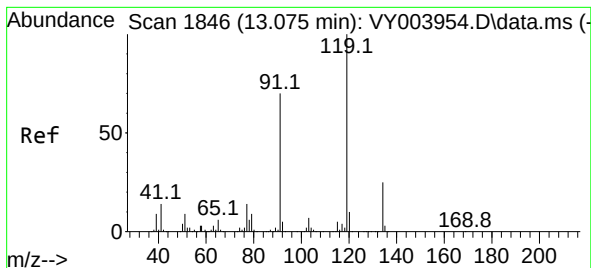
Tgt Ion: 75 Resp: 13887  
Ion Ratio Lower Upper  
75 100  
53 96.3 78.2 117.2  
89 46.8 34.8 52.2



#82  
4-Chlorotoluene  
Concen: 42.72 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 91 Resp: 144282  
Ion Ratio Lower Upper  
91 100  
126 34.1 16.9 50.6

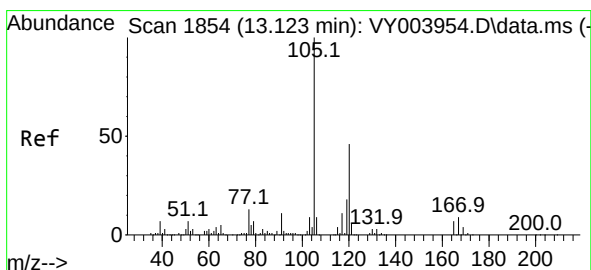
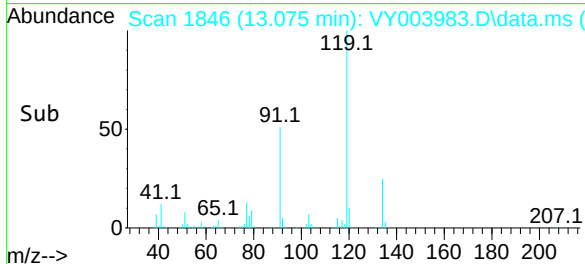
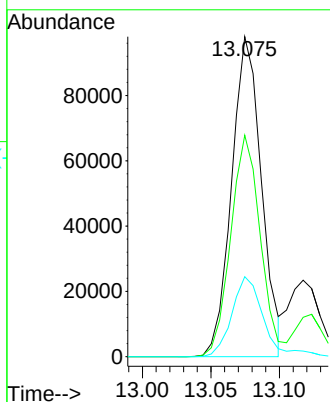
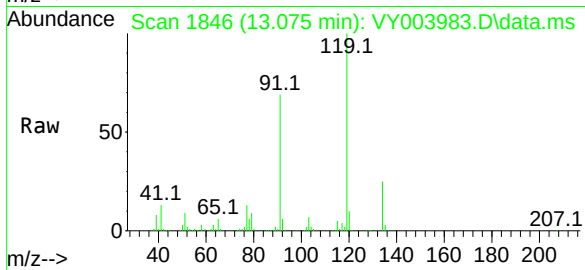




#83  
tert-Butylbenzene  
Concen: 44.39 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

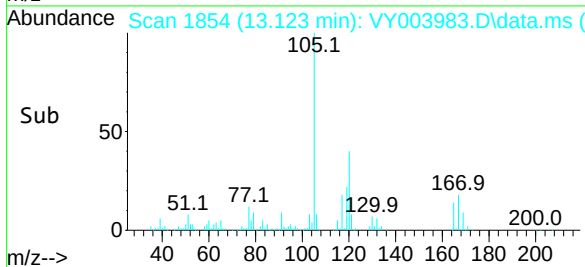
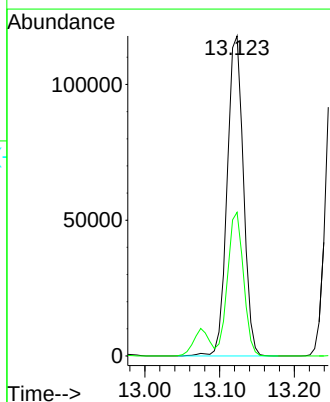
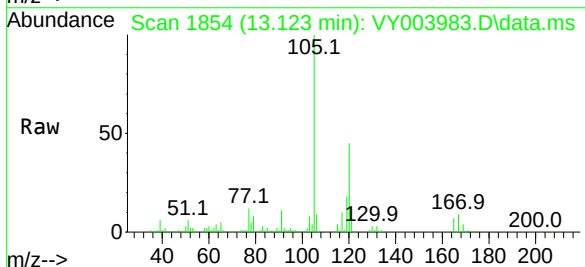
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

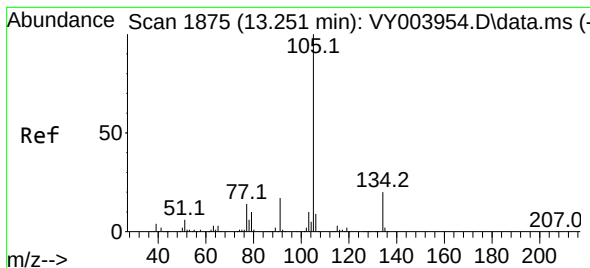
Tgt Ion:119 Resp: 148399  
Ion Ratio Lower Upper  
119 100  
91 69.1 35.1 105.3  
134 26.6 13.2 39.5



#84  
1,2,4-Trimethylbenzene  
Concen: 44.11 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion:105 Resp: 177816  
Ion Ratio Lower Upper  
105 100  
120 44.1 22.2 66.6

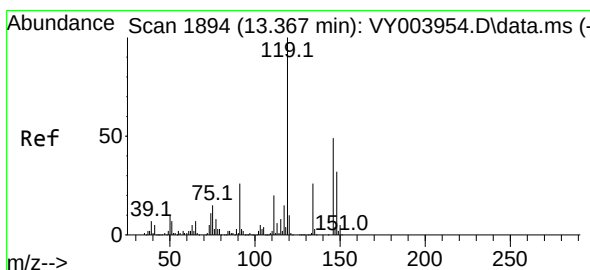
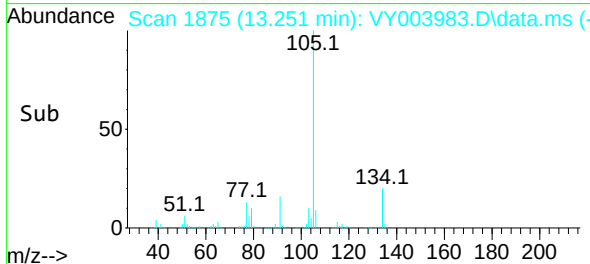
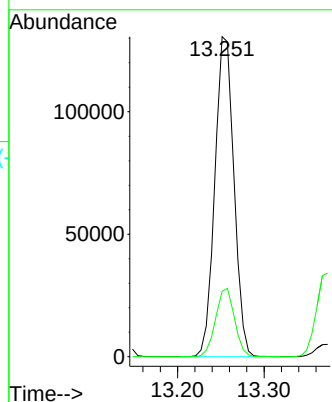
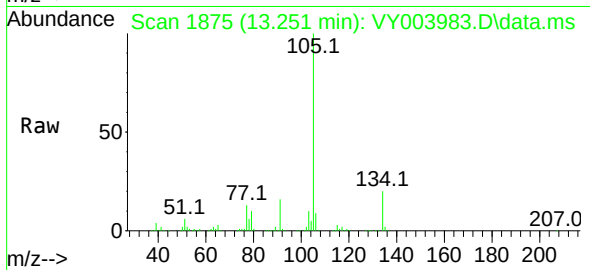




#85  
 sec-Butylbenzene  
 Concen: 43.22 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY003983.D  
 Acq: 04 Feb 2021 00:27

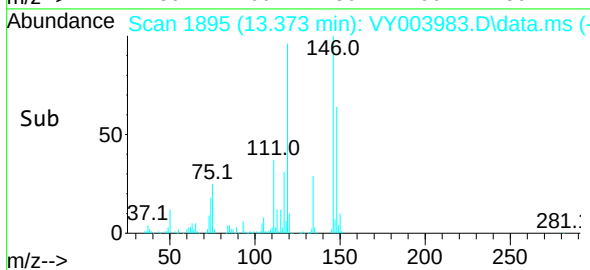
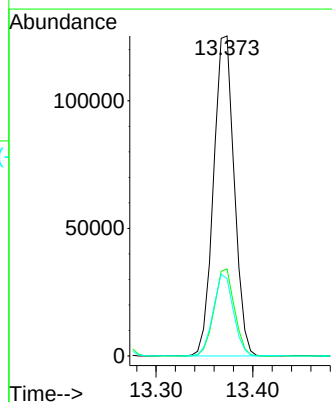
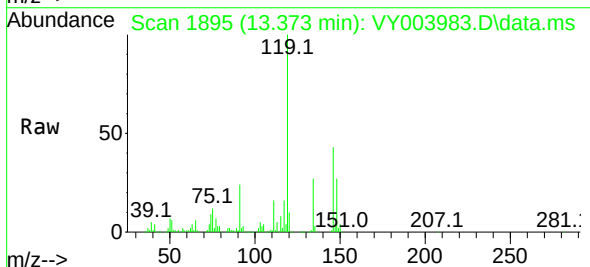
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

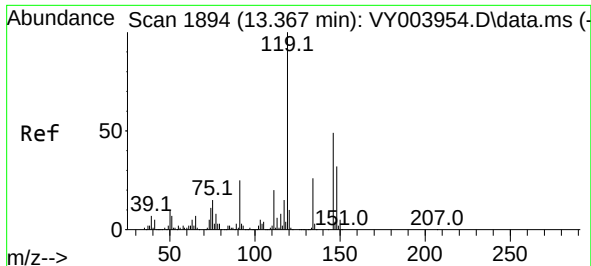
Tgt Ion:105 Resp: 200256  
 Ion Ratio Lower Upper  
 105 100  
 134 21.1 10.2 30.6



#86  
 p-Isopropyltoluene  
 Concen: 43.06 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.006 min  
 Lab File: VY003983.D  
 Acq: 04 Feb 2021 00:27

Tgt Ion:119 Resp: 186128  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 13.5 40.5  
 91 25.1 12.8 38.3





#87

1,3-Dichlorobenzene

Concen: 44.97 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY003983.D

Acq: 04 Feb 2021 00:27

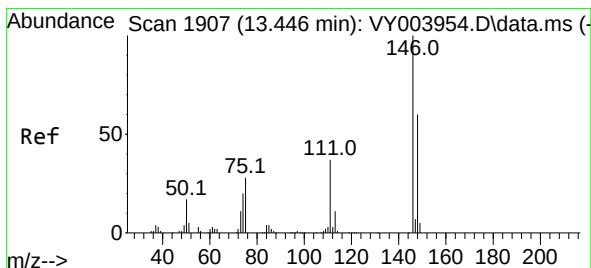
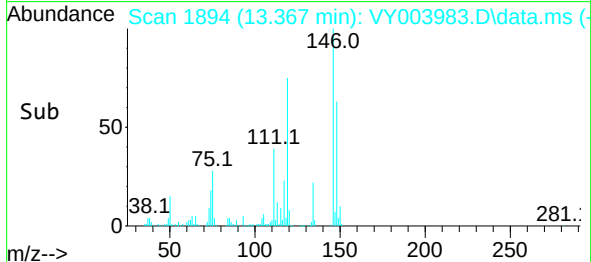
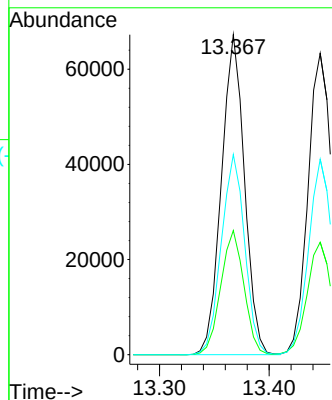
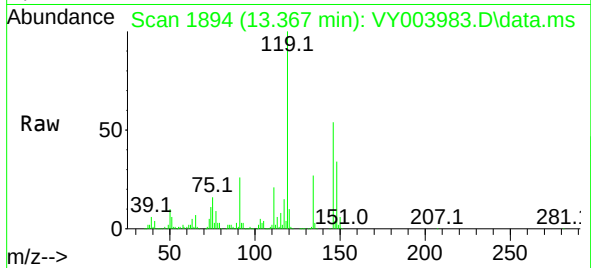
Tgt Ion:146 Resp: 98435

Ion Ratio Lower Upper

146 100

111 39.0 19.5 58.5

148 63.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 44.92 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY003983.D

Acq: 04 Feb 2021 00:27

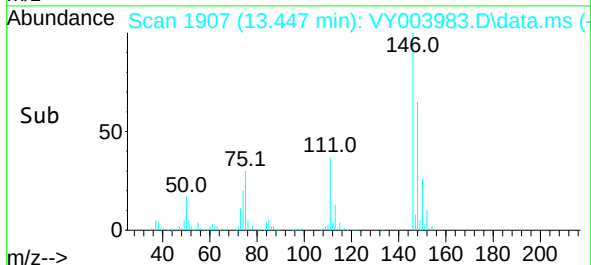
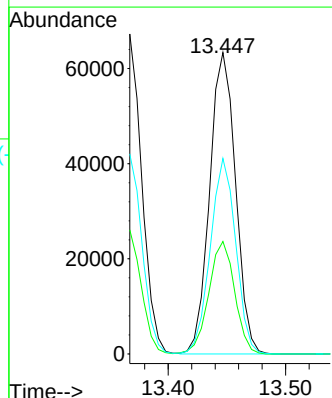
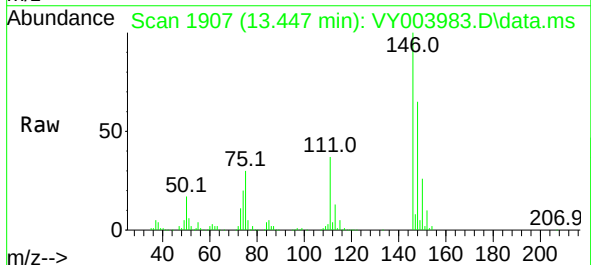
Tgt Ion:146 Resp: 97115

Ion Ratio Lower Upper

146 100

111 37.4 18.9 56.9

148 63.7 32.3 96.8



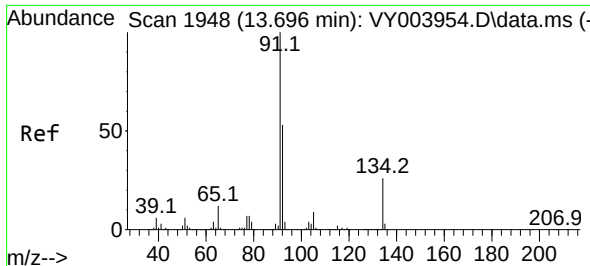
Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

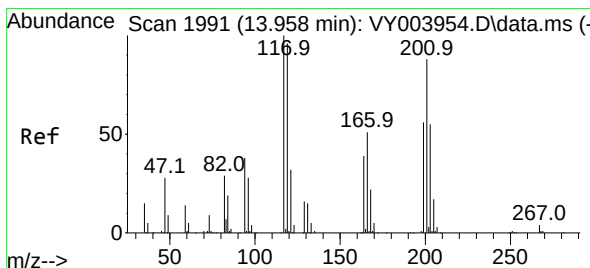
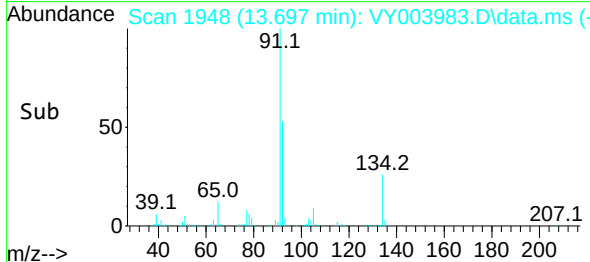
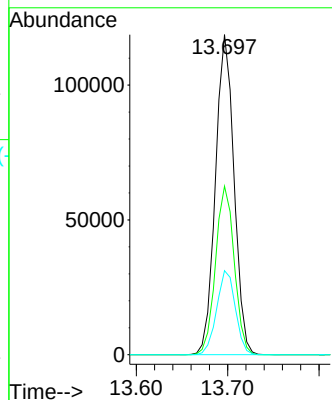
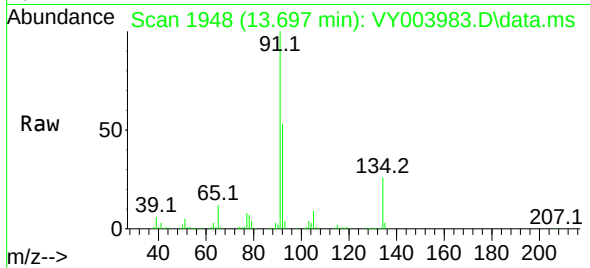




#89  
n-Butylbenzene  
Concen: 41.76 ug/l  
RT: 13.697 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

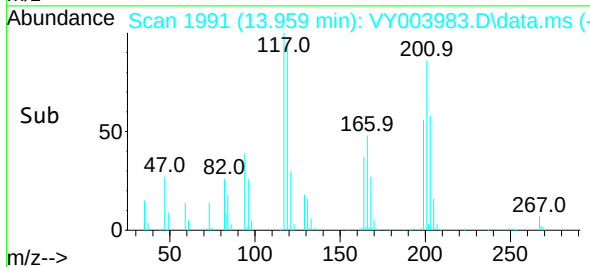
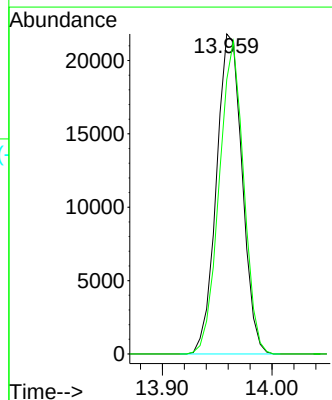
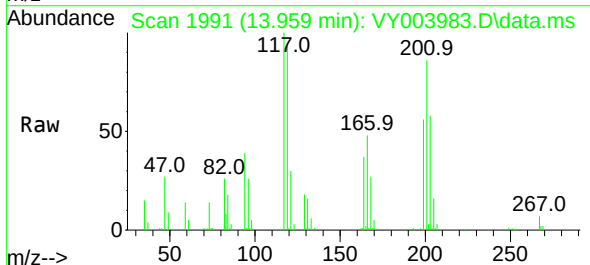
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

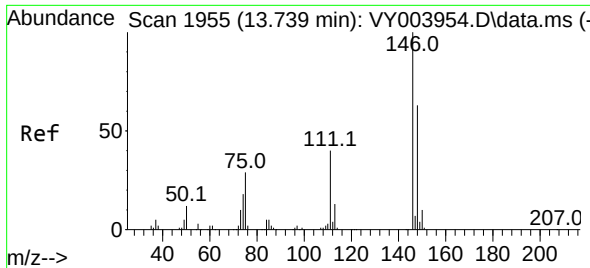
Tgt Ion: 91 Resp: 167566  
Ion Ratio Lower Upper  
91 100  
92 53.1 26.4 79.2  
134 26.4 13.2 39.5



#90  
Hexachloroethane  
Concen: 44.90 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion: 117 Resp: 35526  
Ion Ratio Lower Upper  
117 100  
201 92.8 45.5 136.5

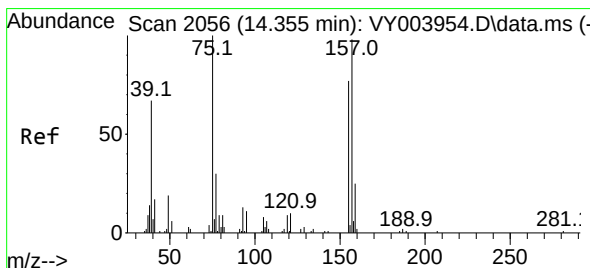
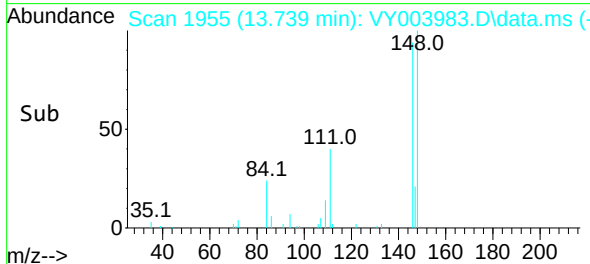
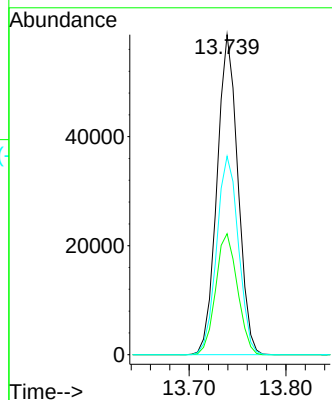
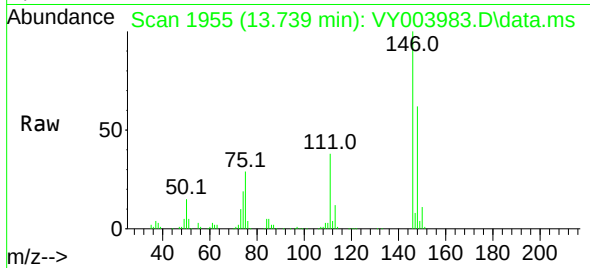




#91  
1,2-Dichlorobenzene  
Concen: 45.04 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

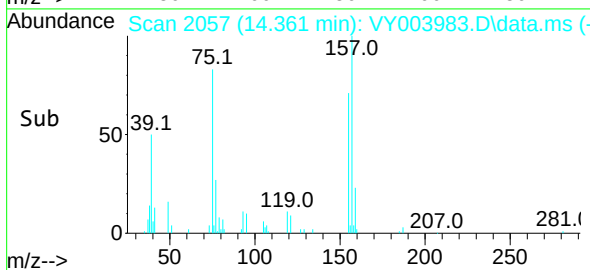
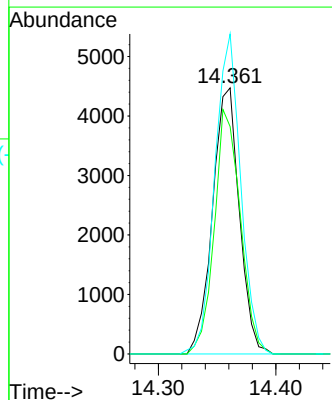
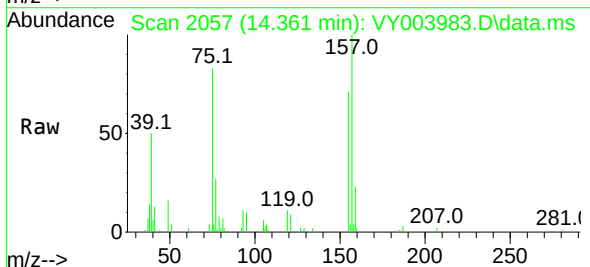
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

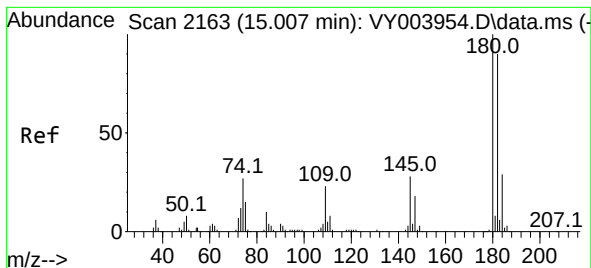
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 87845 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 39.4  | 20.3  | 61.0  |
| 148       | 64.8  | 32.4  | 97.0  |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 40.48 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. 0.006 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 7092  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 89.1  | 37.6  | 112.9 |
| 157       | 116.0 | 50.4  | 151.2 |

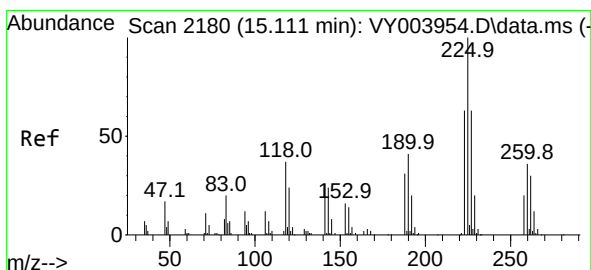
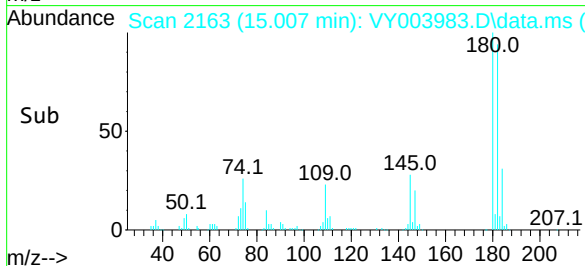
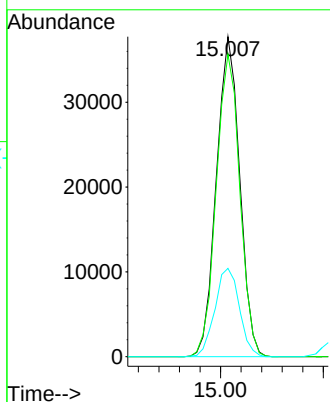
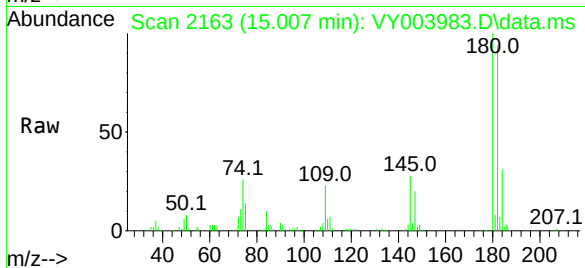




#93  
1,2,4-Trichlorobenzene  
Concen: 43.93 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

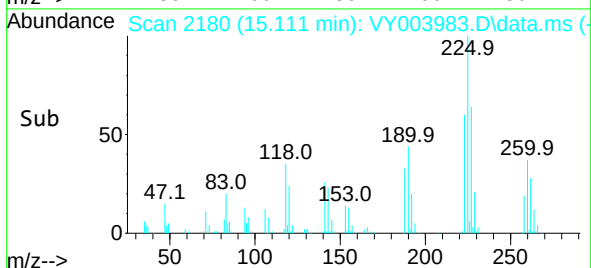
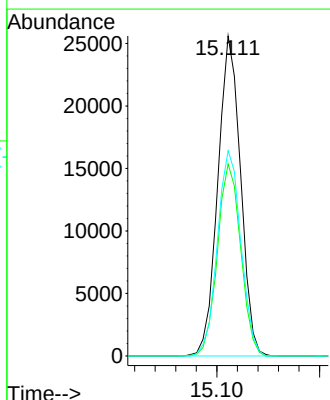
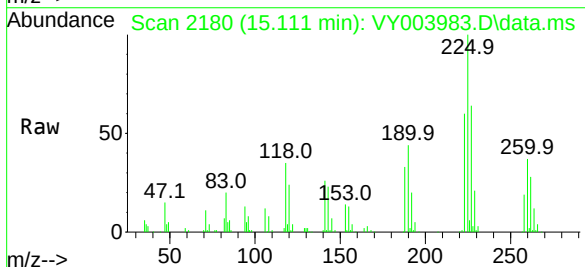
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

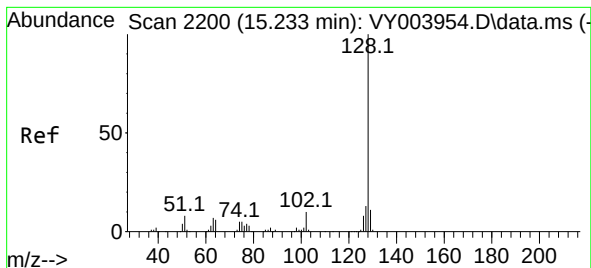
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 59303 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.6  | 48.1  | 144.3 |
| 145       | 29.0  | 14.8  | 44.3  |



#94  
Hexachlorobutadiene  
Concen: 45.23 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. 0.000 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 39239 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 61.3  | 31.2  | 93.6  |
| 227       | 66.4  | 32.6  | 97.7  |

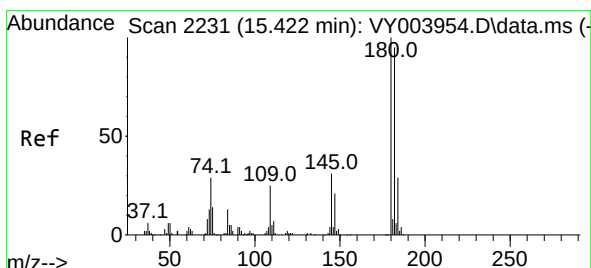
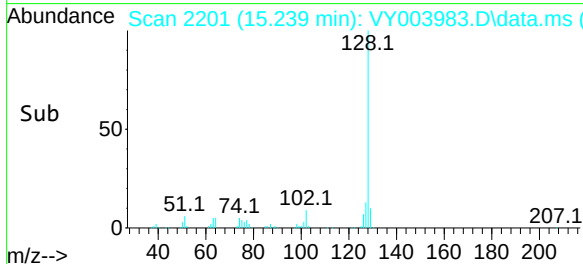
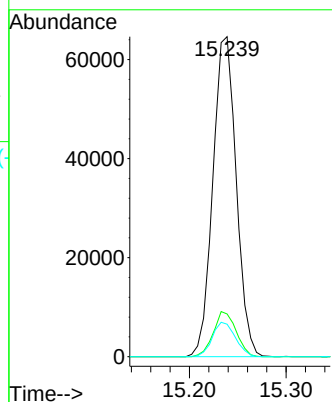
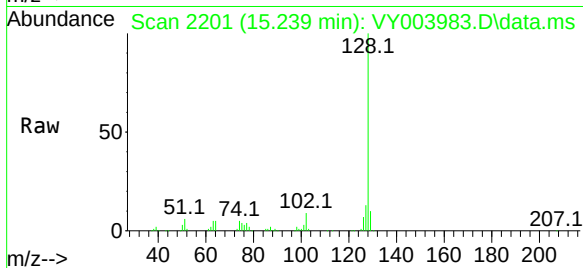




#95  
Naphthalene  
Concen: 42.79 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. 0.006 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 108409  
Ion Ratio Lower Upper  
128 100  
127 13.7 11.4 17.0  
129 10.7 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 44.55 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.006 min  
Lab File: VY003983.D  
Acq: 04 Feb 2021 00:27

Tgt Ion:180 Resp: 51809  
Ion Ratio Lower Upper  
180 100  
182 96.5 47.7 143.1  
145 30.8 15.2 45.6

