

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041421\  
 Data File : VY004428.D  
 Acq On : 14 Apr 2021 17:45  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Apr 15 01:09:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 13 03:38:02 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------|----------|
| -----                        |        |       |          |          |       |          |
| Internal Standards           |        |       |          |          |       |          |
| 1) Pentafluorobenzene        | 7.801  | 168   | 163784   | 50.00    | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697  | 114   | 272152   | 50.00    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 11.496 | 117   | 247874   | 50.00    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428 | 152   | 114302   | 50.00    | ug/l  | 0.00     |
| System Monitoring Compounds  |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 8.149  | 65    | 100635   | 55.30    | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =     | 110.60%  |
| 35) Dibromofluoromethane     | 7.728  | 113   | 78544    | 52.01    | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =     | 104.02%  |
| 50) Toluene-d8               | 10.185 | 98    | 337278   | 52.50    | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =     | 105.00%  |
| 62) 4-Bromofluorobenzene     | 12.483 | 95    | 111770   | 51.27    | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =     | 102.54%  |
| Target Compounds             |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.912  | 85    | 75698    | 49.88    | ug/l  | 99       |
| 3) Chloromethane             | 2.119  | 50    | 109235   | 49.78    | ug/l  | 100      |
| 4) Vinyl Chloride            | 2.259  | 62    | 133712   | 57.70    | ug/l  | 98       |
| 5) Bromomethane              | 2.656  | 94    | 59536    | 52.65    | ug/l  | 94       |
| 6) Chloroethane              | 2.802  | 64    | 73821    | 53.13    | ug/l  | 98       |
| 7) Trichlorofluoromethane    | 3.131  | 101   | 143100   | 49.37    | ug/l  | 97       |
| 8) Diethyl Ether             | 3.534  | 74    | 51893    | 52.98    | ug/l  | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 3.912  | 101   | 79893    | 49.69    | ug/l  | 99       |
| 10) Methyl Iodide            | 4.101  | 142   | 93930    | 48.82    | ug/l  | 99       |
| 11) Tert butyl alcohol       | 4.985  | 59    | 49252    | 274.63   | ug/l  | 99       |
| 12) 1,1-Dichloroethene       | 3.881  | 96    | 79999    | 50.32    | ug/l  | 97       |
| 13) Acrolein                 | 3.741  | 56    | 62769    | 314.85   | ug/l  | 98       |
| 14) Allyl chloride           | 4.491  | 41    | 157539   | 51.81    | ug/l  | 99       |
| 15) Acrylonitrile            | 5.180  | 53    | 145164   | 276.21   | ug/l  | 98       |
| 16) Acetone                  | 3.960  | 43    | 116128   | 304.89   | ug/l  | 98       |
| 17) Carbon Disulfide         | 4.204  | 76    | 244053   | 49.86    | ug/l  | 99       |
| 18) Methyl Acetate           | 4.491  | 43    | 70224    | 55.40    | ug/l  | 98       |
| 19) Methyl tert-butyl Ether  | 5.241  | 73    | 255906   | 53.57    | ug/l  | 100      |
| 20) Methylene Chloride       | 4.729  | 84    | 92974    | 52.90    | ug/l  | 98       |
| 21) trans-1,2-Dichloroethene | 5.228  | 96    | 93206    | 51.81    | ug/l  | 96       |
| 22) Diisopropyl ether        | 6.131  | 45    | 343398   | 53.43    | ug/l  | 96       |
| 23) Vinyl Acetate            | 6.076  | 43    | 1189807  | 271.94   | ug/l  | 100      |
| 24) 1,1-Dichloroethane       | 6.033  | 63    | 173199   | 52.75    | ug/l  | 99       |
| 25) 2-Butanone               | 7.002  | 43    | 203588   | 293.70   | ug/l  | 97       |
| 26) 2,2-Dichloropropane      | 6.996  | 77    | 143465   | 48.69    | ug/l  | 99       |
| 27) cis-1,2-Dichloroethene   | 6.996  | 96    | 105404   | 52.37    | ug/l  | 100      |
| 28) Bromochloromethane       | 7.344  | 49    | 85340    | 57.19    | ug/l  | 100      |
| 29) Tetrahydrofuran          | 7.362  | 42    | 139658   | 281.99   | ug/l  | 99       |
| 30) Chloroform               | 7.521  | 83    | 168323   | 52.17    | ug/l  | 99       |
| 31) Cyclohexane              | 7.795  | 56    | 157211   | 47.13    | ug/l  | 95       |
| 32) 1,1,1-Trichloroethane    | 7.710  | 97    | 148747   | 50.81    | ug/l  | 100      |
| 36) 1,1-Dichloropropene      | 7.929  | 75    | 131975   | 48.80    | ug/l  | 99       |
| 37) Ethyl Acetate            | 7.088  | 43    | 93772    | 53.85    | ug/l  | 99       |
| 38) Carbon Tetrachloride     | 7.905  | 117   | 117695   | 50.34    | ug/l  | 98       |
| 39) Methylcyclohexane        | 9.191  | 83    | 161843   | 48.61    | ug/l  | 99       |
| 40) Benzene                  | 8.173  | 78    | 388696   | 51.14    | ug/l  | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041421\  
 Data File : VY004428.D  
 Acq On : 14 Apr 2021 17:45  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Apr 15 01:09:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 13 03:38:02 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.362  | 41   | 127667   | 120.97  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 121285   | 50.87   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.283  | 43   | 180325   | 54.62   | ug/l   | 99       |
| 44) Trichloroethene           | 8.947  | 130  | 104298   | 50.33   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 101464   | 51.73   | ug/l   | 100      |
| 46) Dibromomethane            | 9.313  | 93   | 55305    | 51.79   | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.502  | 83   | 132631   | 51.30   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.301  | 41   | 81766    | 53.78   | ug/l   | 100      |
| 49) 1,4-Dioxane               | 9.307  | 88   | 15695    | 1125.37 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 475098   | 280.16  | ug/l   | 99       |
| 52) Toluene                   | 10.252 | 92   | 243103   | 49.43   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 148904   | 52.22   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 164279   | 50.73   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 77048    | 52.36   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 114168   | 53.51   | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 137483   | 52.36   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 323132   | 295.98  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.837 | 43   | 324286   | 285.26  | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.990 | 129  | 91006    | 52.04   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 74183    | 52.29   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 105872   | 49.06   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.520 | 112  | 251790   | 49.78   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 91094    | 50.46   | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.593 | 91   | 467996   | 49.45   | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.703 | 106  | 344731   | 98.02   | ug/l   | 100      |
| 69) o-Xylene                  | 12.032 | 106  | 162509   | 49.31   | ug/l   | 99       |
| 70) Styrene                   | 12.050 | 104  | 274695   | 50.32   | ug/l   | 100      |
| 71) Bromoform                 | 12.209 | 173  | 54394    | 50.80   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.331 | 105  | 436908   | 49.47   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.148 | 43   | 162783   | 54.74   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 88625    | 53.04   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 124305   | 101.33  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 100011   | 50.52   | ug/l   | 100      |
| 78) n-propylbenzene           | 12.672 | 91   | 520818   | 49.91   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 283978   | 49.76   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 359478   | 50.07   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 35718    | 52.08   | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 299697   | 49.73   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.075 | 119  | 311468   | 50.69   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 361728   | 49.93   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.257 | 105  | 427920   | 49.92   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 388317   | 49.80   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 186300   | 50.38   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 184605   | 49.60   | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.696 | 91   | 366101   | 49.19   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.965 | 117  | 53597    | 51.24   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 167155   | 50.93   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 14896    | 49.68   | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 106134   | 48.90   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 56739    | 50.08   | ug/l   | 98       |
| 95) Naphthalene               | 15.239 | 128  | 243855   | 51.69   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 94677    | 49.45   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041421\  
Data File : VY004428.D  
Acq On : 14 Apr 2021 17:45  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 19 Sample Multiplier: 1

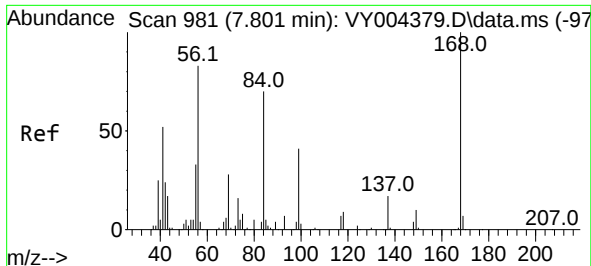
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Apr 15 01:09:46 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041221S.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 13 03:38:02 2021  
Response via : Initial Calibration

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

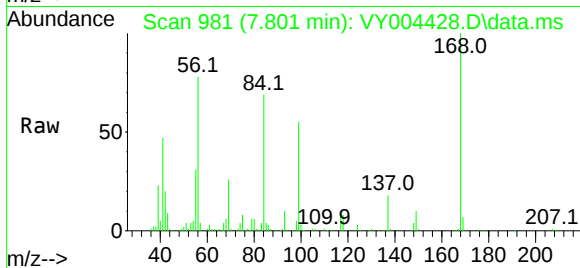
(#) = qualifier out of range (m) = manual integration (+) = signals summed



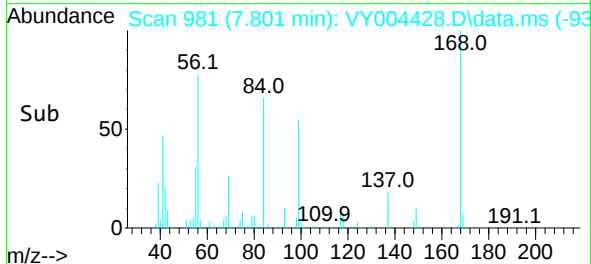
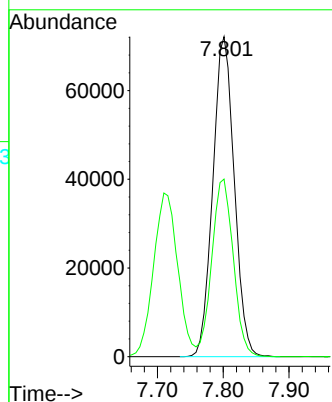


#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

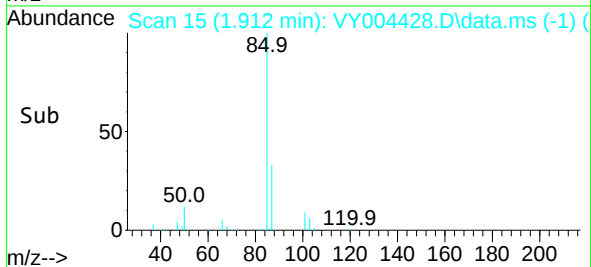
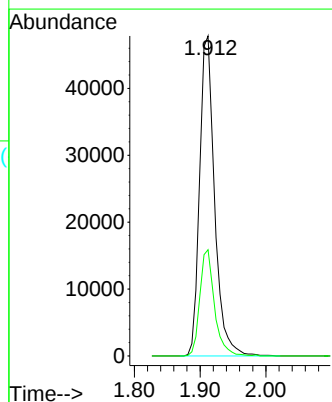
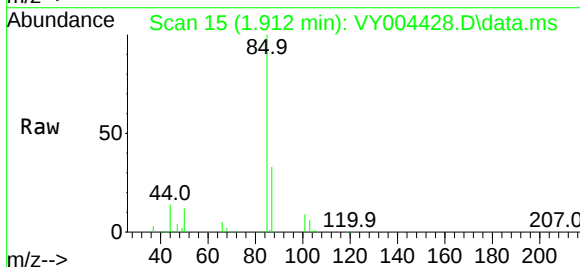


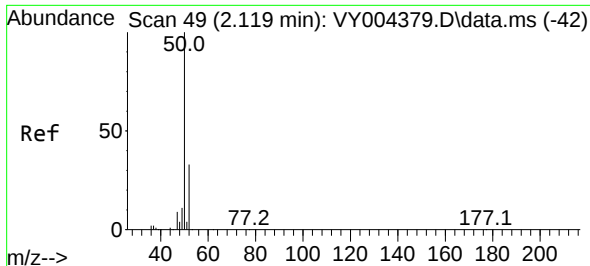
Tgt Ion:168 Resp: 163784  
Ion Ratio Lower Upper  
168 100  
99 55.5 45.5 68.3



#2  
Dichlorodifluoromethane  
Concen: 49.88 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 85 Resp: 75698  
Ion Ratio Lower Upper  
85 100  
87 33.2 16.8 50.4

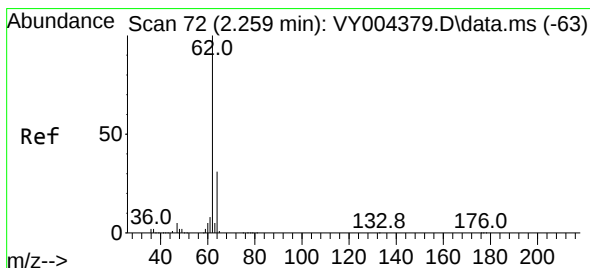
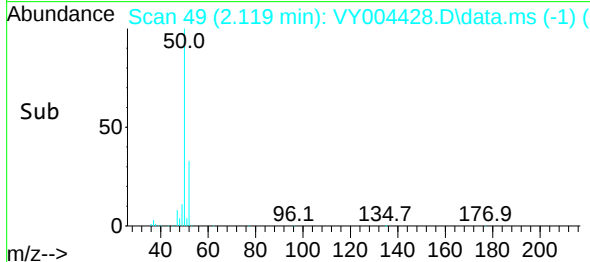
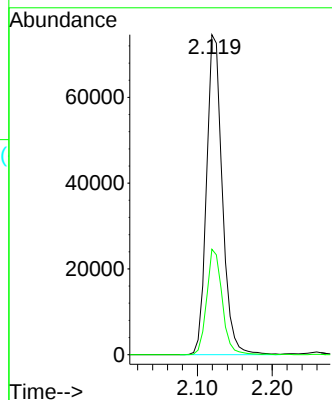
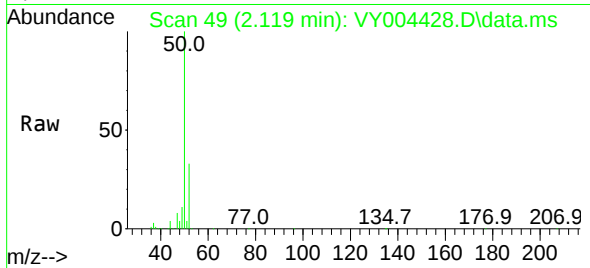




#3  
Chloromethane  
Concen: 49.78 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

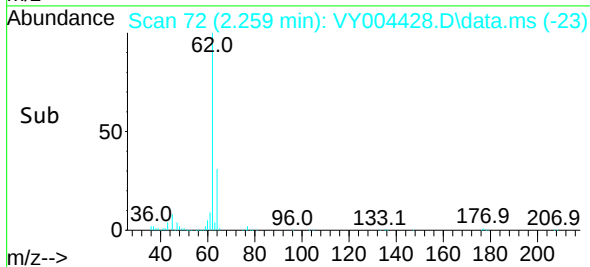
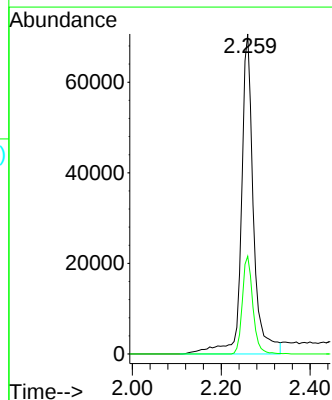
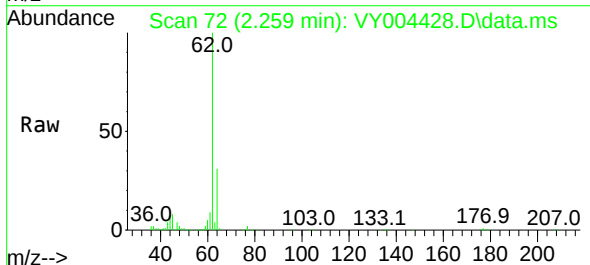
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

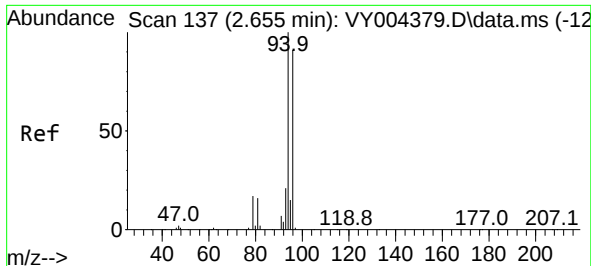
Tgt Ion: 50 Resp: 109235  
Ion Ratio Lower Upper  
50 100  
52 32.9 26.6 39.8



#4  
Vinyl Chloride  
Concen: 57.70 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

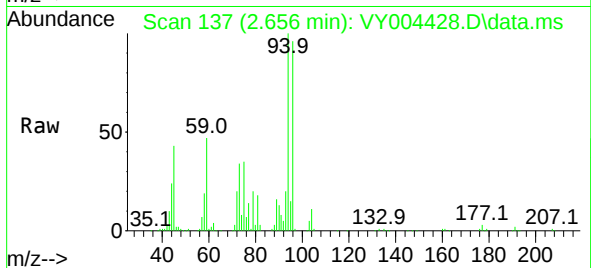
Tgt Ion: 62 Resp: 133712  
Ion Ratio Lower Upper  
62 100  
64 30.5 25.1 37.7



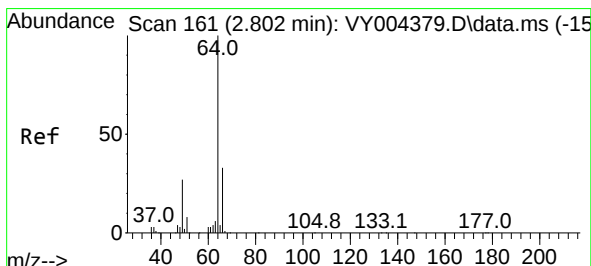
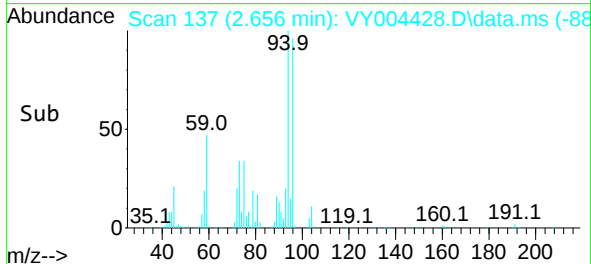
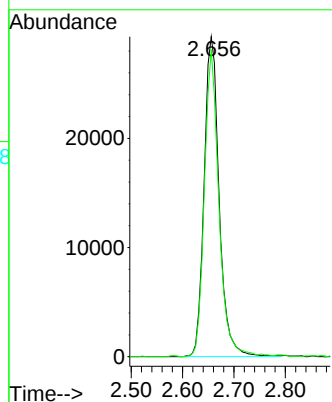


#5  
Bromomethane  
Concen: 52.65 ug/l  
RT: 2.656 min Scan# 137  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

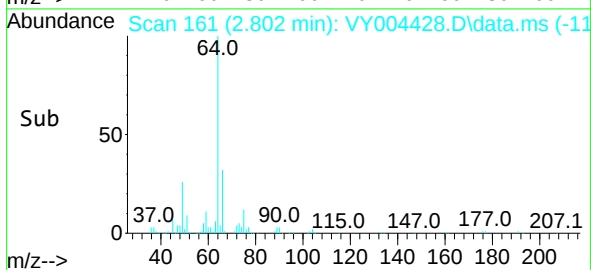
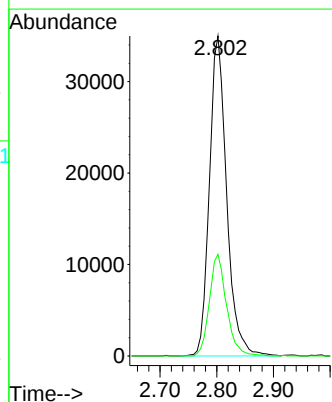
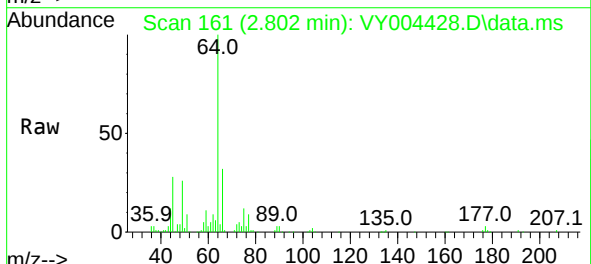


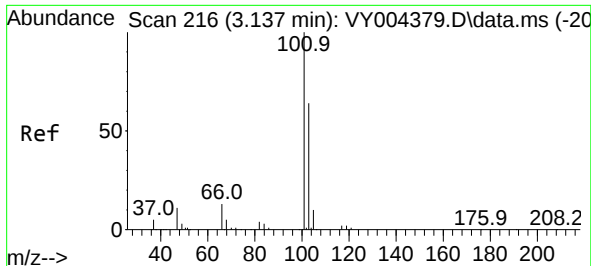
Tgt Ion: 94 Resp: 59536  
Ion Ratio Lower Upper  
94 100  
96 95.9 72.6 108.8



#6  
Chloroethane  
Concen: 53.13 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 64 Resp: 73821  
Ion Ratio Lower Upper  
64 100  
66 31.7 26.3 39.5

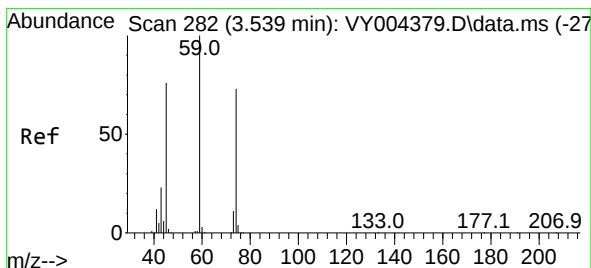
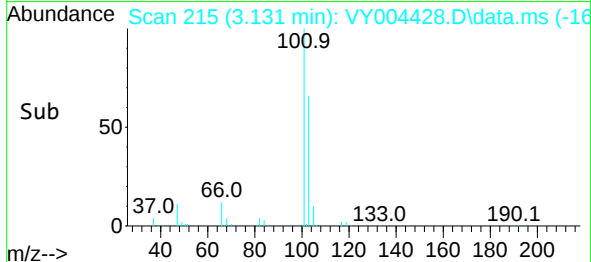
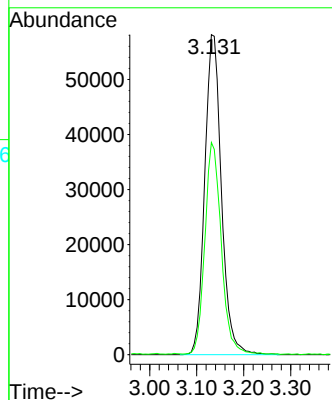
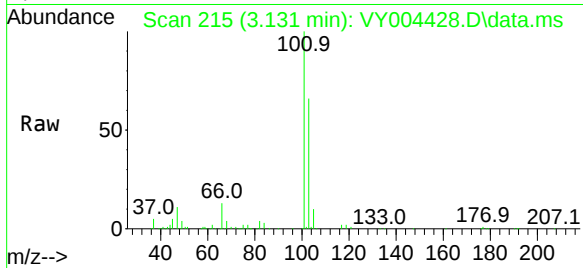




#7  
Trichlorofluoromethane  
Concen: 49.37 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. -0.006 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

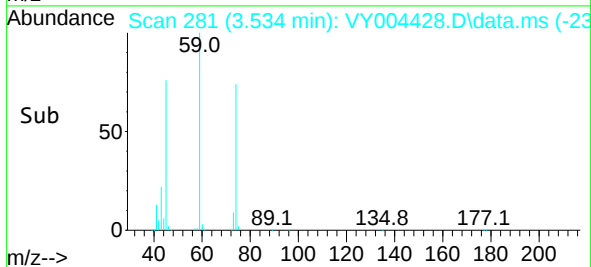
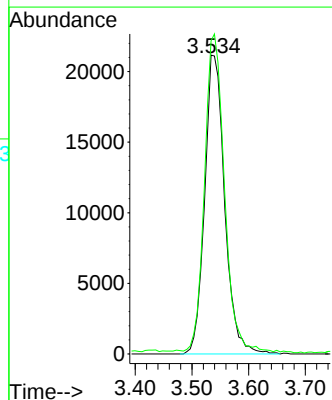
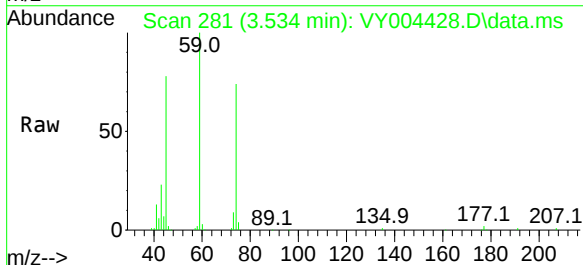
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

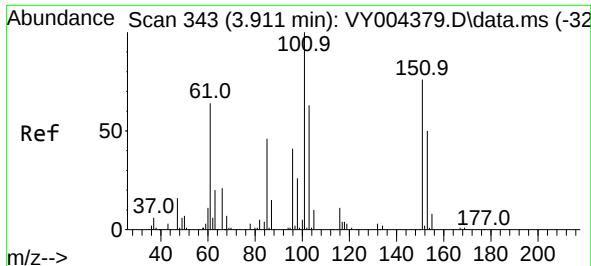
Tgt Ion:101 Resp: 143100  
Ion Ratio Lower Upper  
101 100  
103 66.2 51.2 76.8



#8  
Diethyl Ether  
Concen: 52.98 ug/l  
RT: 3.534 min Scan# 281  
Delta R.T. -0.006 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 74 Resp: 51893  
Ion Ratio Lower Upper  
74 100  
45 105.1 52.3 156.8

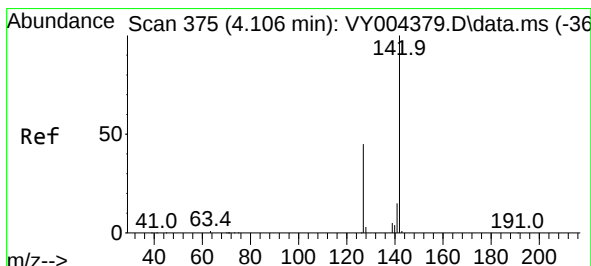
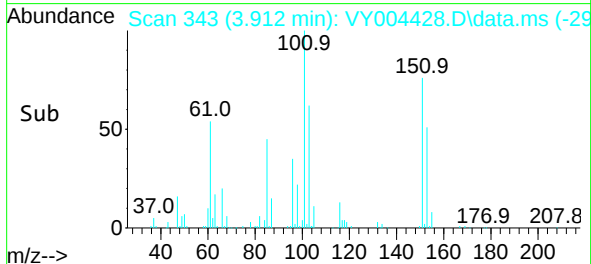
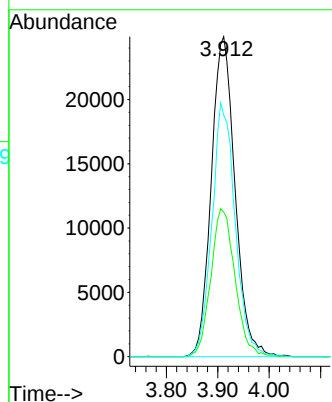
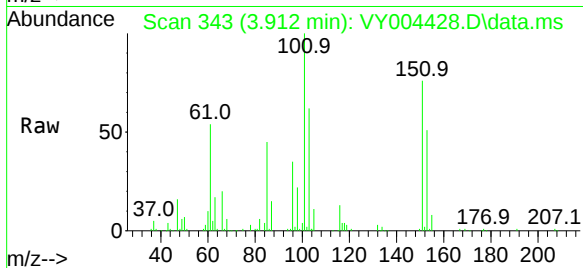




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.69 ug/l  
RT: 3.912 min Scan# 343  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

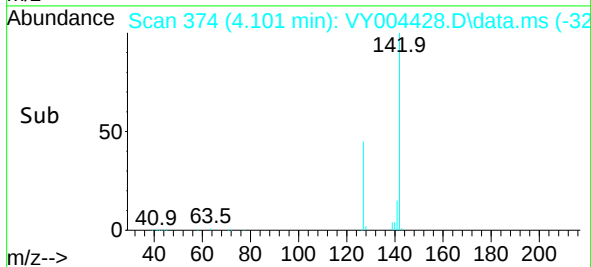
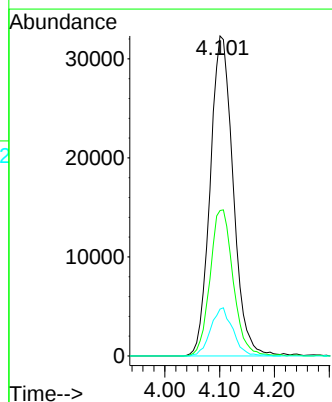
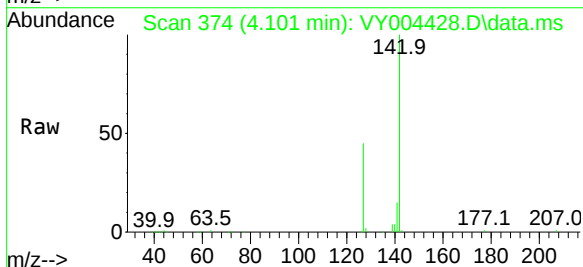
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

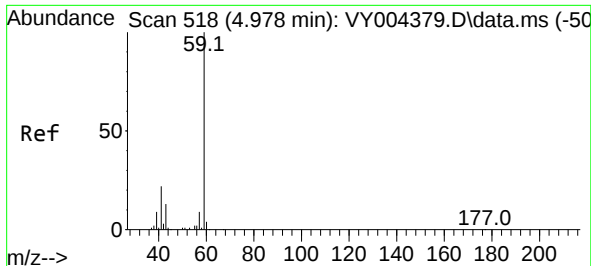
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 101   | Resp: | 79893 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 47.1  | 36.9  | 55.3  |
| 151       | 78.0  | 62.0  | 93.0  |



#10  
Methyl Iodide  
Concen: 48.82 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. -0.006 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

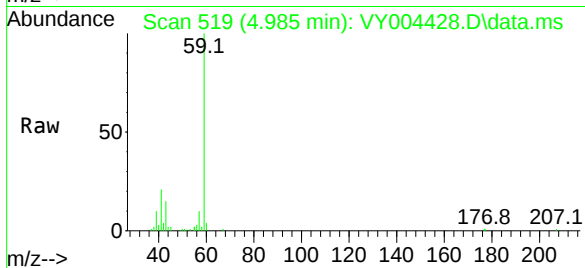
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 93930 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 45.9  | 36.2  | 54.4  |
| 141       | 14.6  | 11.6  | 17.4  |



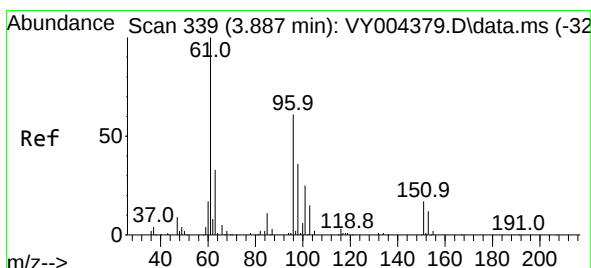
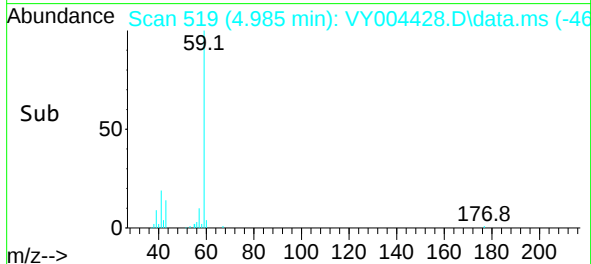
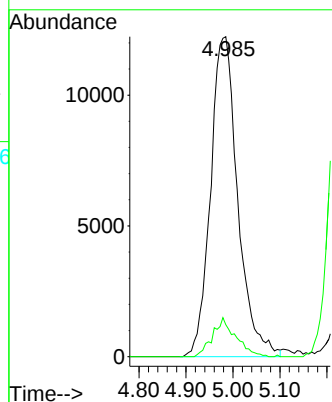


#11  
Tert butyl alcohol  
Concen: 274.63 ug/l  
RT: 4.985 min Scan# 519  
Delta R.T. 0.006 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

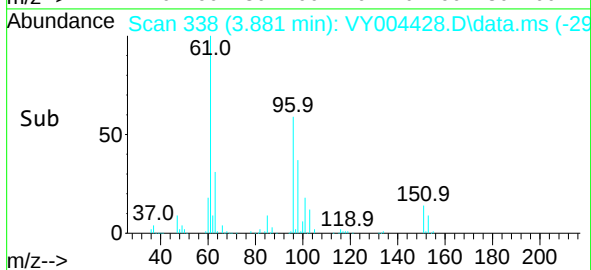
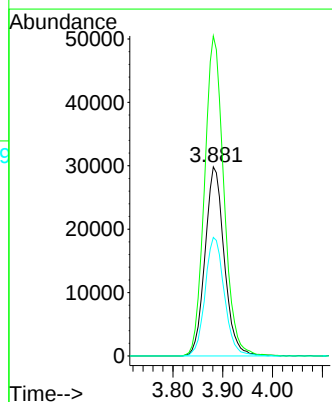
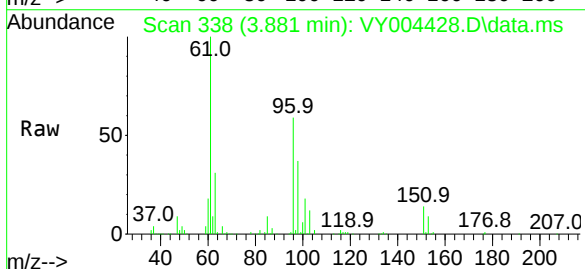


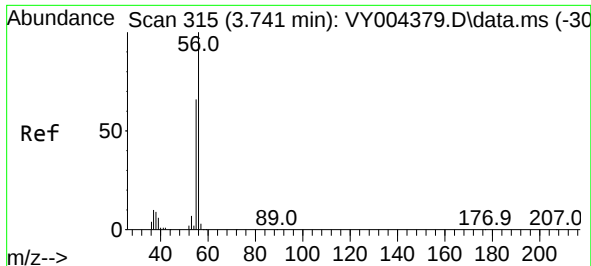
Tgt Ion: 59 Resp: 49252  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.1 12.1



#12  
1,1-Dichloroethene  
Concen: 50.32 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. -0.006 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 96 Resp: 79999  
Ion Ratio Lower Upper  
96 100  
61 169.2 132.1 198.1  
98 62.7 48.2 72.2

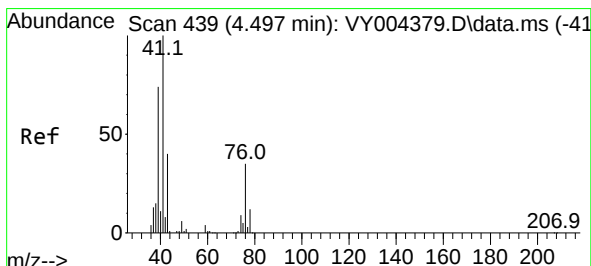
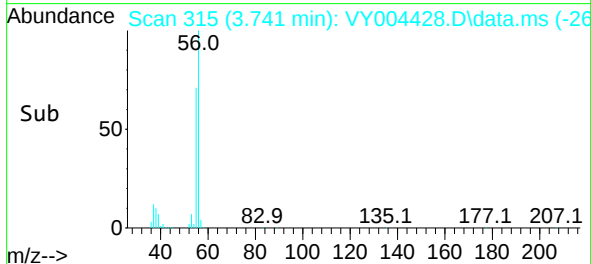
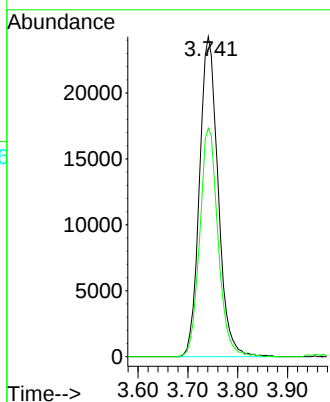
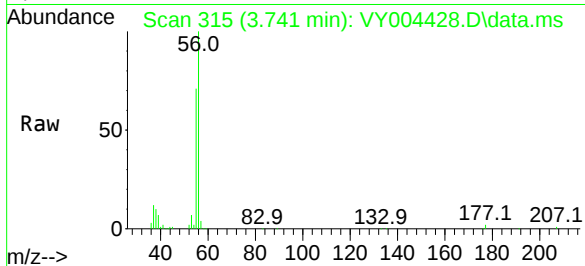




#13  
Acrolein  
Concen: 314.85 ug/l  
RT: 3.741 min Scan# 315  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

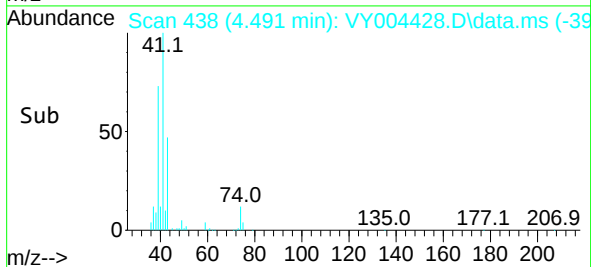
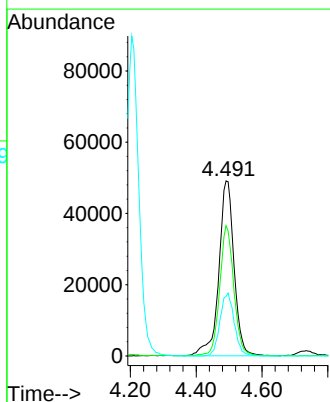
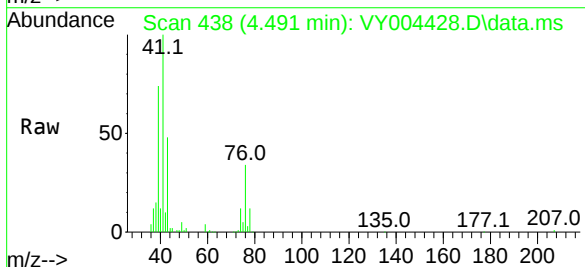
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

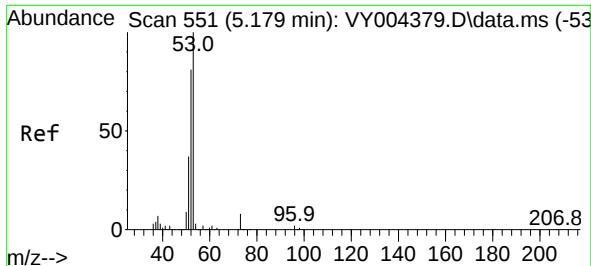
Tgt Ion: 56 Resp: 62769  
Ion Ratio Lower Upper  
56 100  
55 70.7 55.4 83.2



#14  
Allyl chloride  
Concen: 51.81 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

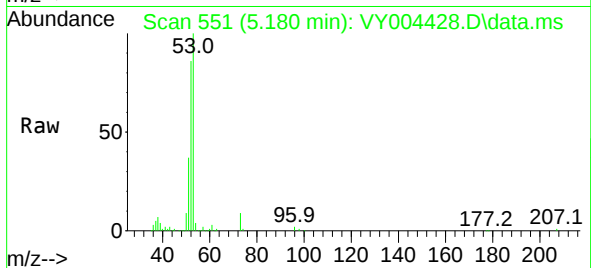
Tgt Ion: 41 Resp: 157539  
Ion Ratio Lower Upper  
41 100  
39 69.5 56.9 85.3  
76 33.6 26.8 40.2



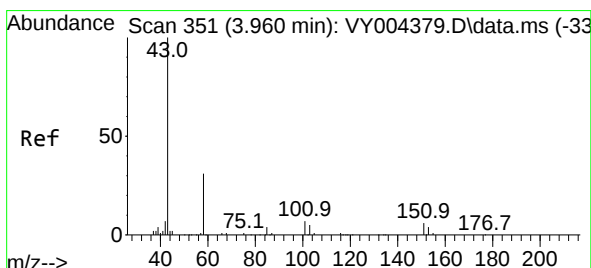
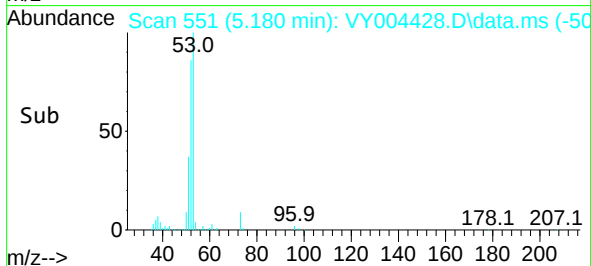
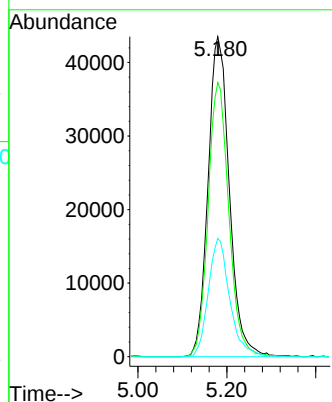


#15  
Acrylonitrile  
Concen: 276.21 ug/l  
RT: 5.180 min Scan# 551  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

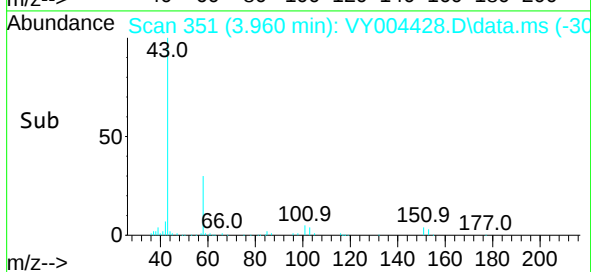
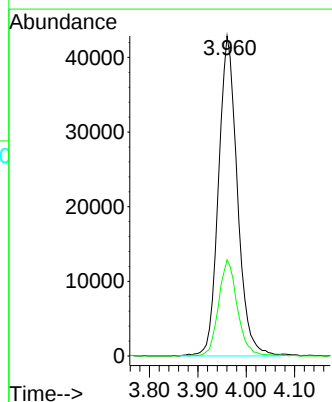
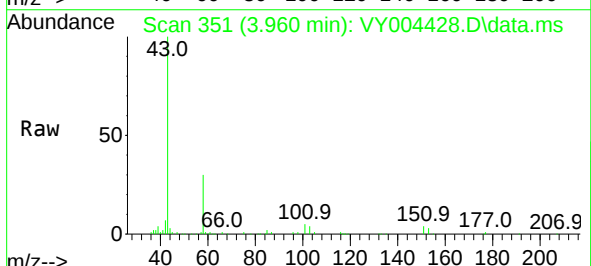


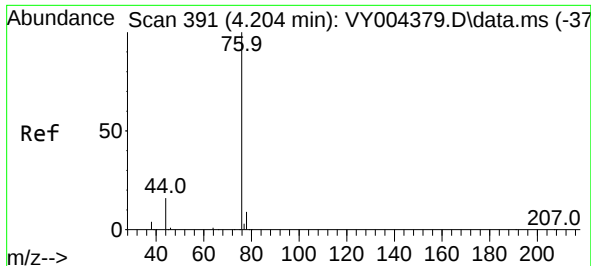
Tgt Ion: 53 Resp: 145164  
Ion Ratio Lower Upper  
53 100  
52 83.2 64.9 97.3  
51 37.2 29.3 43.9



#16  
Acetone  
Concen: 304.89 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

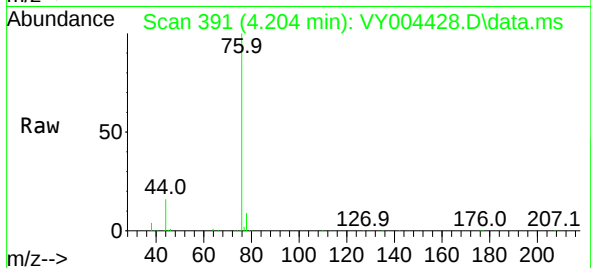
Tgt Ion: 43 Resp: 116128  
Ion Ratio Lower Upper  
43 100  
58 29.9 24.6 37.0



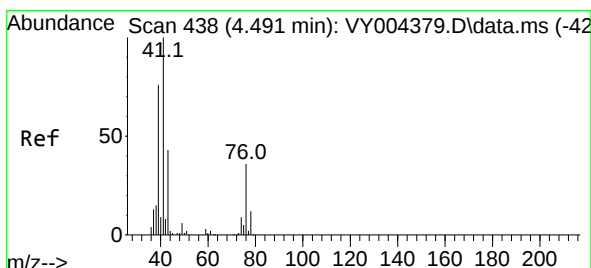
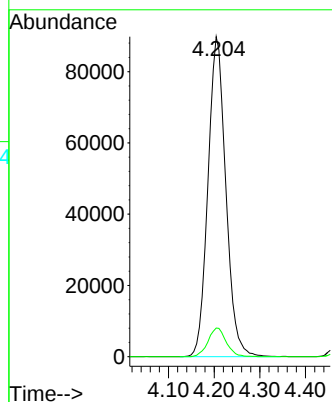
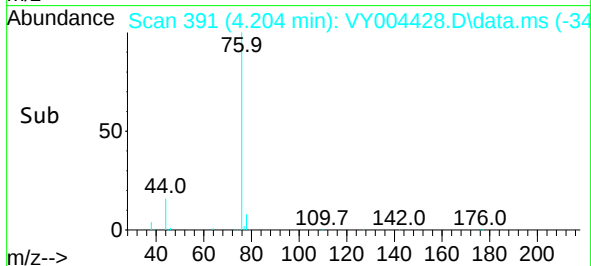


#17  
Carbon Disulfide  
Concen: 49.86 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

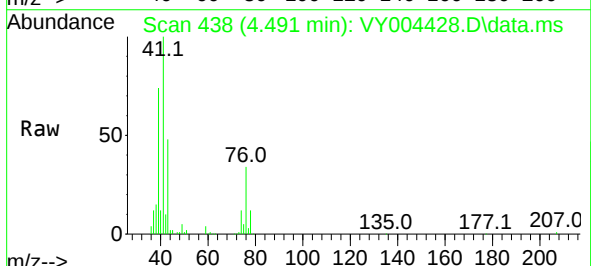
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



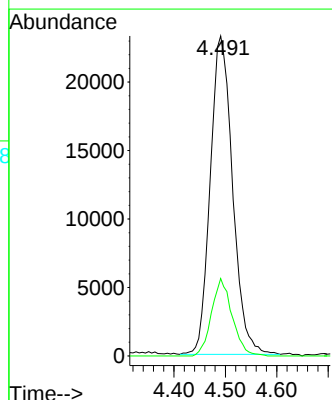
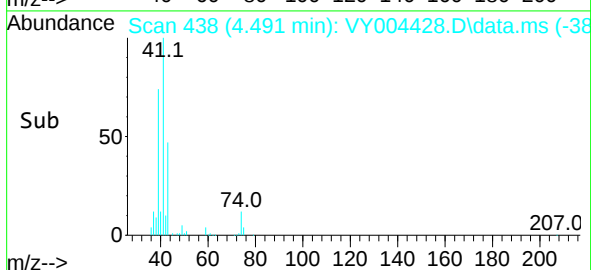
Tgt Ion: 76 Resp: 244053  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.4 11.2

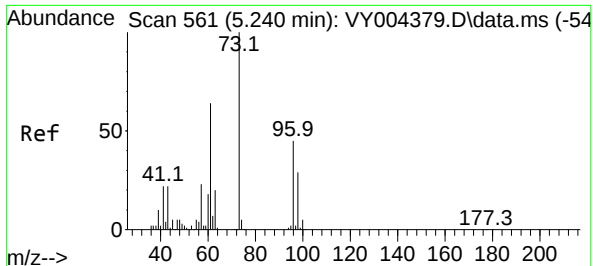


#18  
Methyl Acetate  
Concen: 55.40 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45



Tgt Ion: 43 Resp: 70224  
Ion Ratio Lower Upper  
43 100  
74 22.5 17.2 25.8

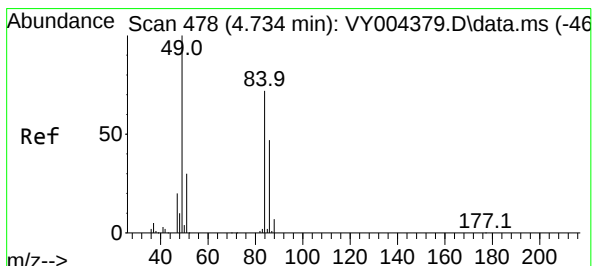
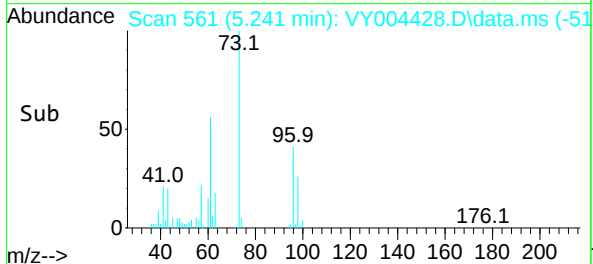
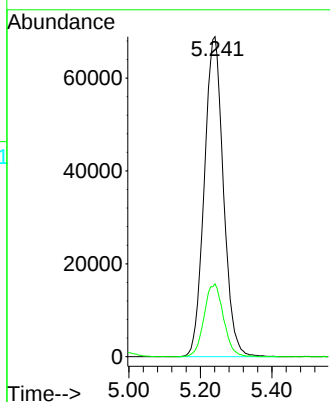
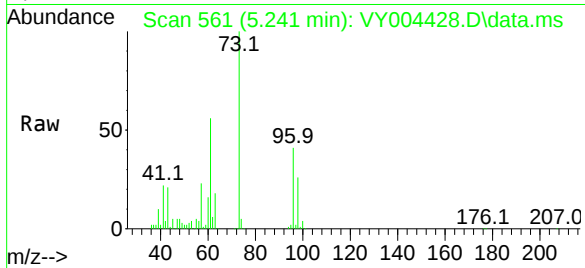




#19  
Methyl tert-butyl Ether  
Concen: 53.57 ug/l  
RT: 5.241 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

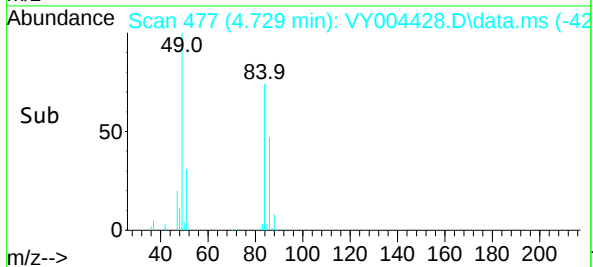
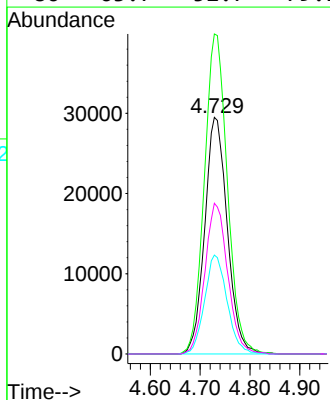
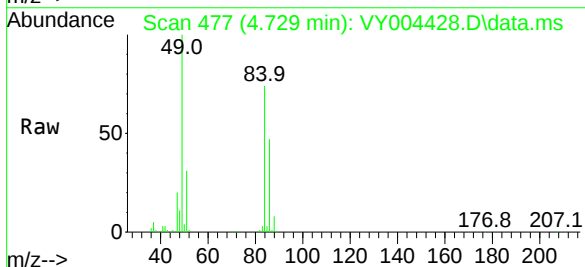
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

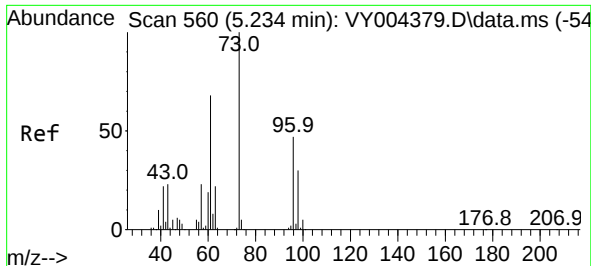
Tgt Ion: 73 Resp: 255906  
Ion Ratio Lower Upper  
73 100  
57 22.8 18.4 27.6



#20  
Methylene Chloride  
Concen: 52.90 ug/l  
RT: 4.729 min Scan# 477  
Delta R.T. -0.006 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 84 Resp: 92974  
Ion Ratio Lower Upper  
84 100  
49 135.3 111.2 166.8  
51 41.8 33.4 50.2  
86 63.7 52.7 79.1

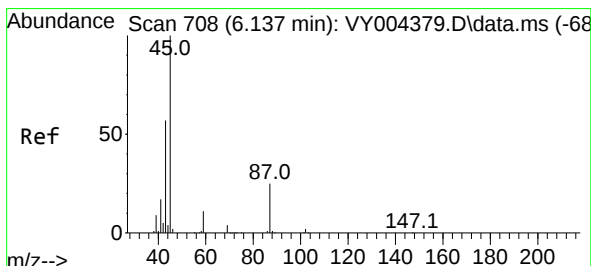
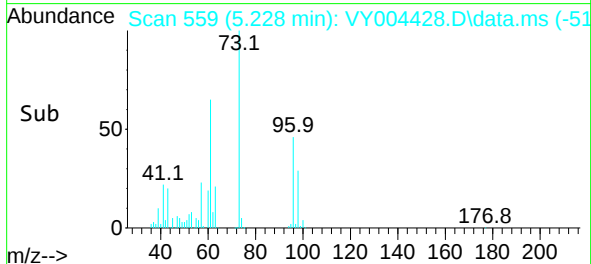
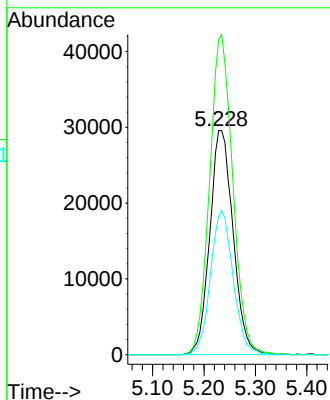
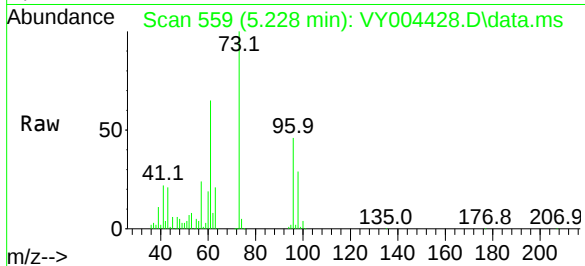




#21  
trans-1,2-Dichloroethene  
Concen: 51.81 ug/l  
RT: 5.228 min Scan# 559  
Delta R.T. -0.006 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

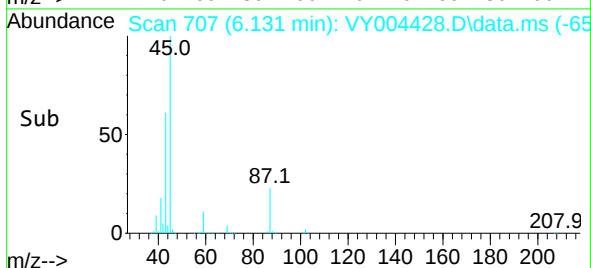
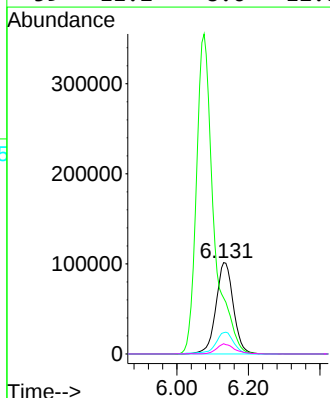
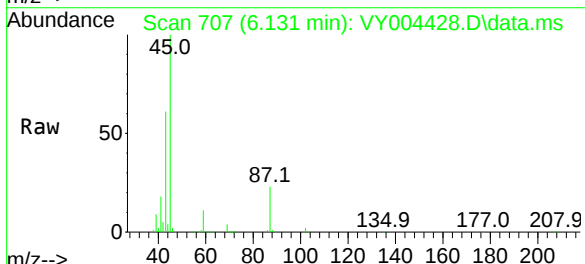
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

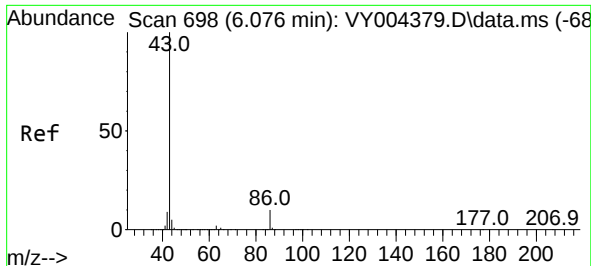
Tgt Ion: 96 Resp: 93206  
Ion Ratio Lower Upper  
96 100  
61 140.7 116.5 174.7  
98 61.5 52.0 78.0



#22  
Diisopropyl ether  
Concen: 53.43 ug/l  
RT: 6.131 min Scan# 707  
Delta R.T. -0.006 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 45 Resp: 343398  
Ion Ratio Lower Upper  
45 100  
43 61.1 46.3 69.5  
87 23.3 20.3 30.5  
59 11.2 8.6 12.8

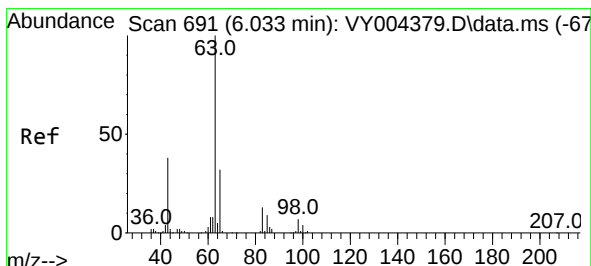
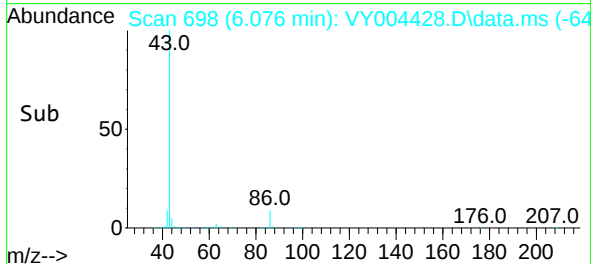
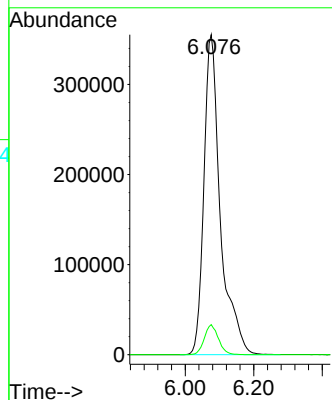
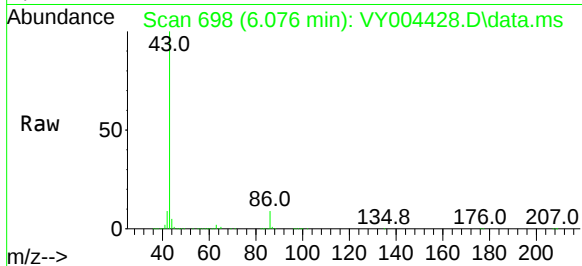




#23  
 Vinyl Acetate  
 Concen: 271.94 ug/l  
 RT: 6.076 min Scan# 698  
 Delta R.T. 0.000 min  
 Lab File: VY004428.D  
 Acq: 14 Apr 2021 17:45

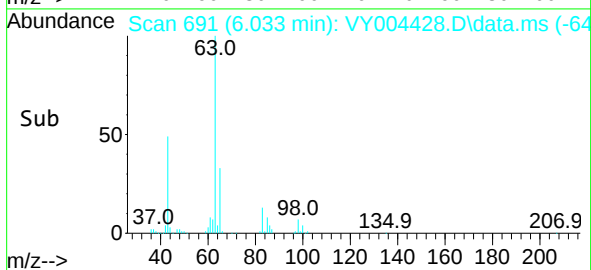
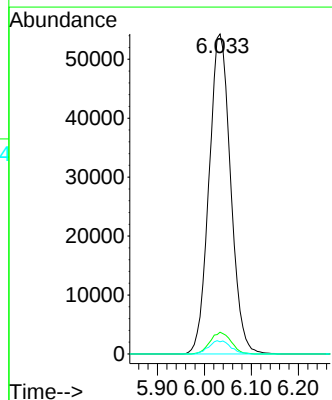
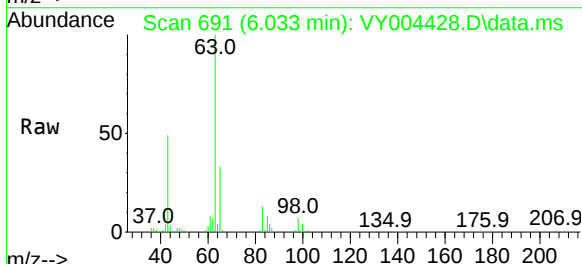
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

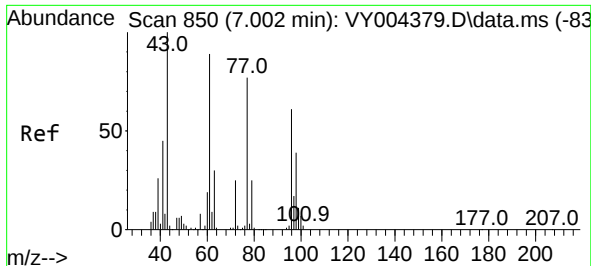
Tgt Ion: 43 Resp: 1189807  
 Ion Ratio Lower Upper  
 43 100  
 86 9.4 7.6 11.4



#24  
 1,1-Dichloroethane  
 Concen: 52.75 ug/l  
 RT: 6.033 min Scan# 691  
 Delta R.T. 0.000 min  
 Lab File: VY004428.D  
 Acq: 14 Apr 2021 17:45

Tgt Ion: 63 Resp: 173199  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.3 9.9  
 100 3.8 2.0 6.0

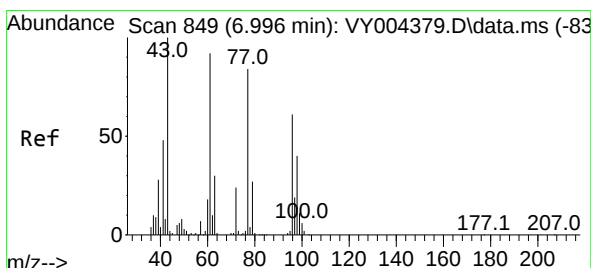
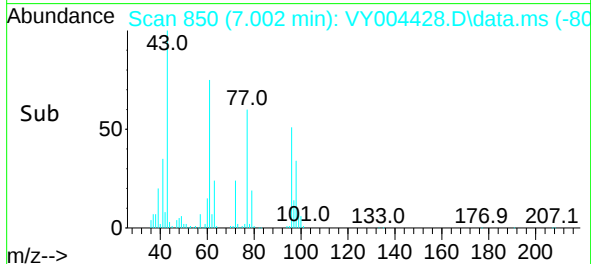
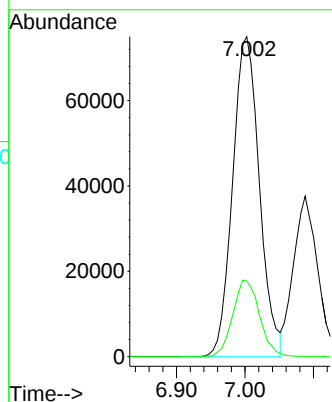
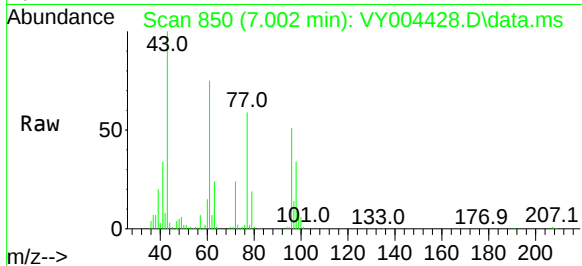




#25  
2-Butanone  
Concen: 293.70 ug/l  
RT: 7.002 min Scan# 850  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

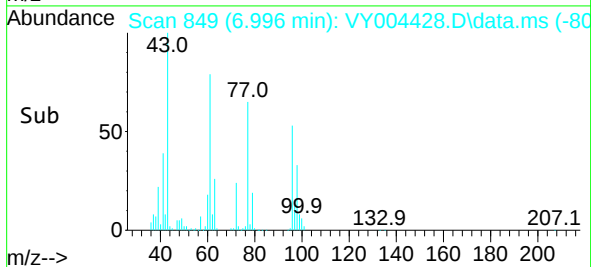
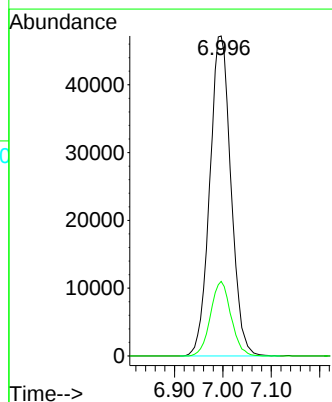
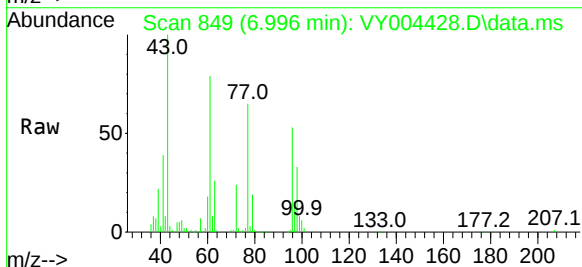
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

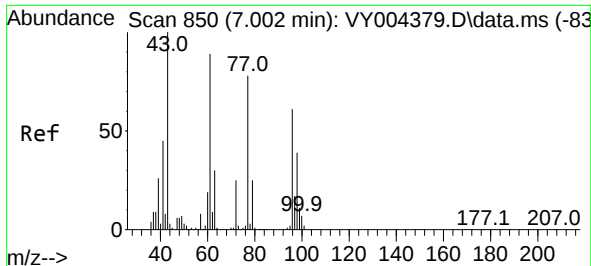
Tgt Ion: 43 Resp: 203588  
Ion Ratio Lower Upper  
43 100  
72 23.6 20.2 30.2



#26  
2,2-Dichloropropane  
Concen: 48.69 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 77 Resp: 143465  
Ion Ratio Lower Upper  
77 100  
97 22.6 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 52.37 ug/l

RT: 6.996 min Scan# 849

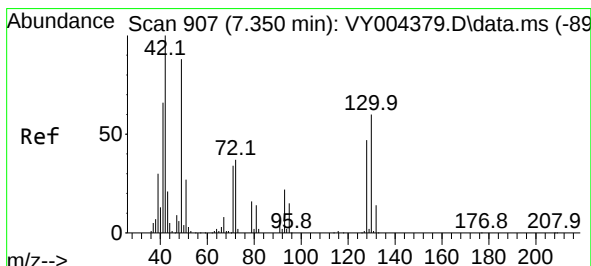
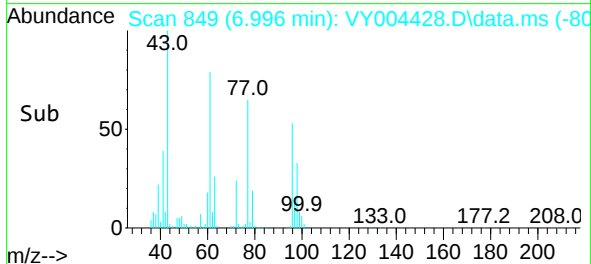
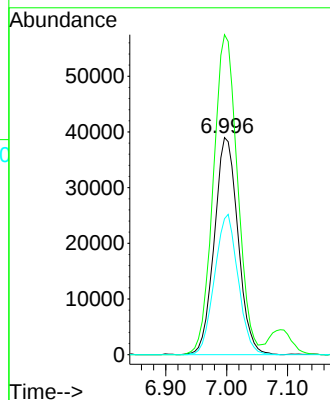
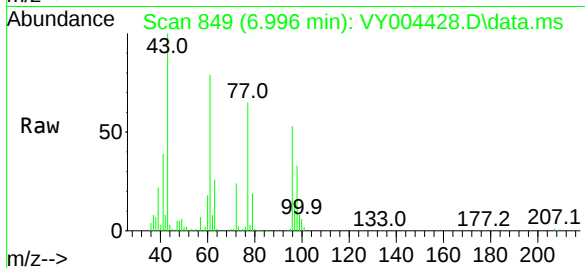
Delta R.T. -0.006 min

Lab File: VY004428.D

Acq: 14 Apr 2021 17:45

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 105404 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 151.2 | 0.0   | 303.2  |
| 98       | 64.3  | 0.0   | 130.0  |



#28

Bromochloromethane

Concen: 57.19 ug/l

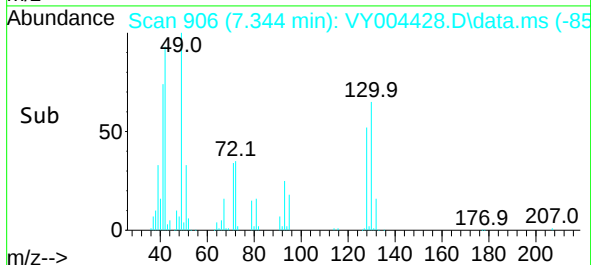
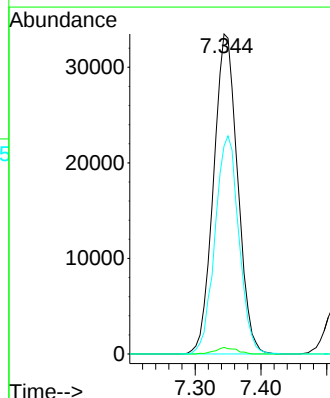
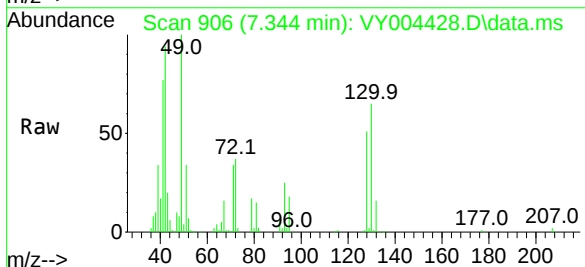
RT: 7.344 min Scan# 906

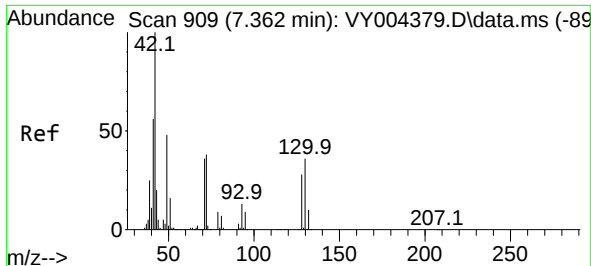
Delta R.T. -0.006 min

Lab File: VY004428.D

Acq: 14 Apr 2021 17:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 85340 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.8   | 0.0   | 3.8   |
| 130      | 67.4  | 53.9  | 80.9  |





#29

Tetrahydrofuran

Concen: 281.99 ug/l

RT: 7.362 min Scan# 909

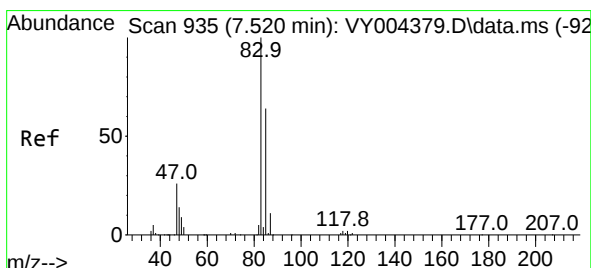
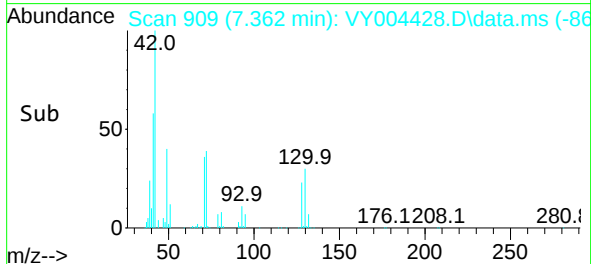
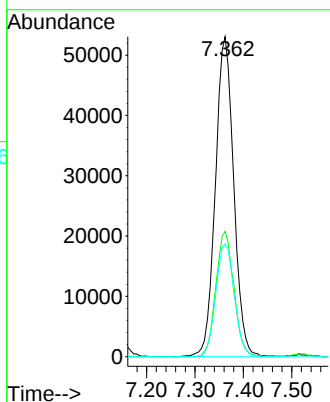
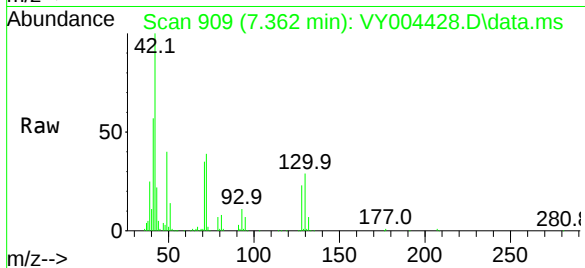
Delta R.T. 0.000 min

Lab File: VY004428.D

Acq: 14 Apr 2021 17:45

Tgt Ion: 42 Resp: 139658

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 38.5  | 31.0  | 46.4  |
| 71  | 35.6  | 28.8  | 43.2  |



#30

Chloroform

Concen: 52.17 ug/l

RT: 7.521 min Scan# 935

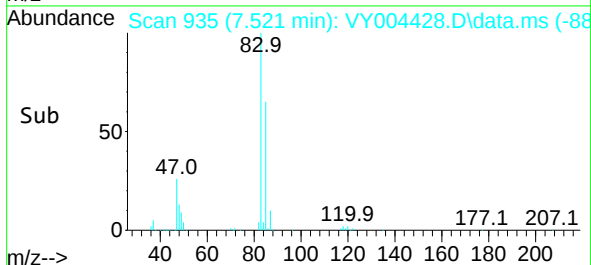
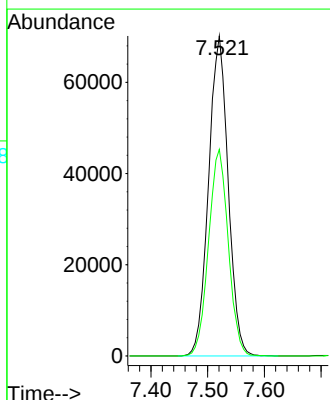
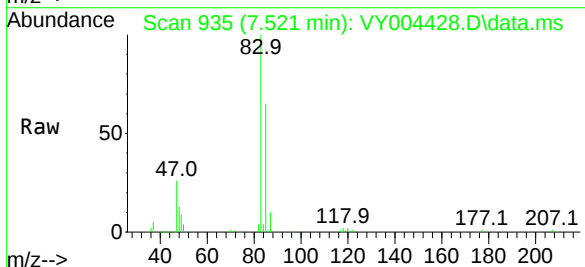
Delta R.T. 0.000 min

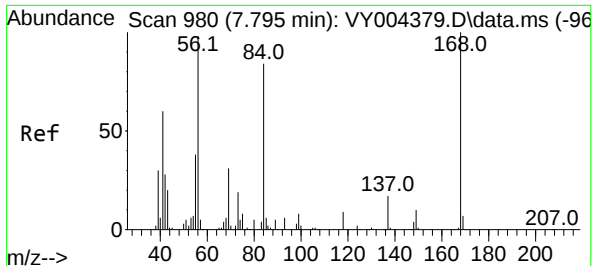
Lab File: VY004428.D

Acq: 14 Apr 2021 17:45

Tgt Ion: 83 Resp: 168323

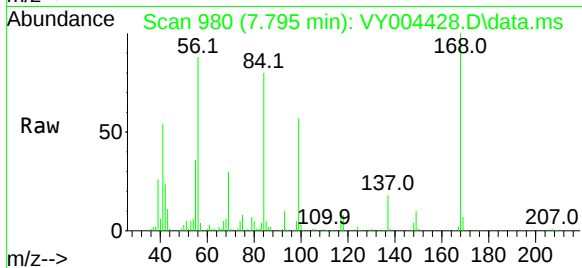
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.6  | 51.3  | 76.9  |



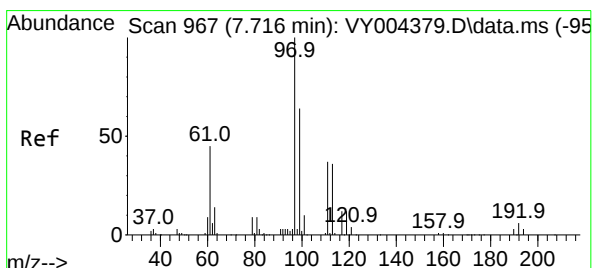
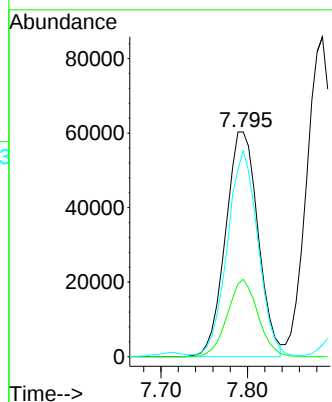
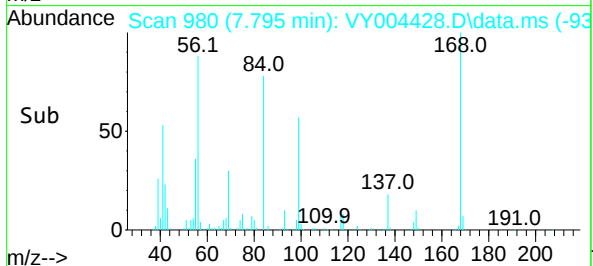


#31  
Cyclohexane  
Concen: 47.13 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

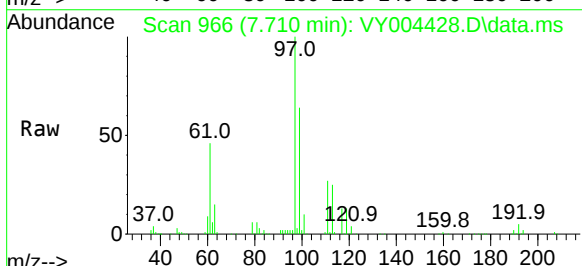
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



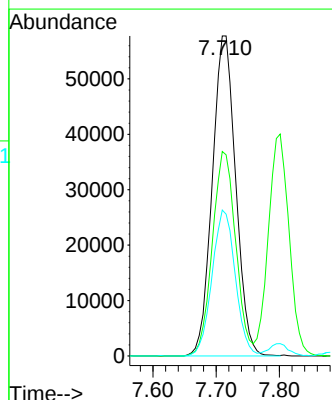
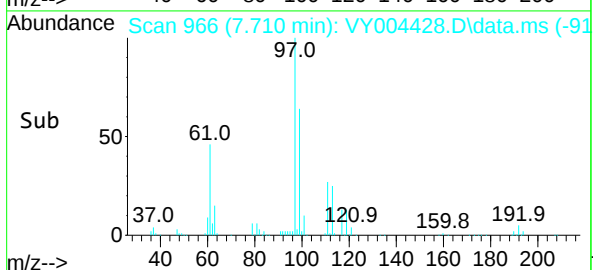
Tgt Ion: 56 Resp: 157211  
Ion Ratio Lower Upper  
56 100  
69 34.4 25.8 38.6  
84 90.4 68.2 102.4

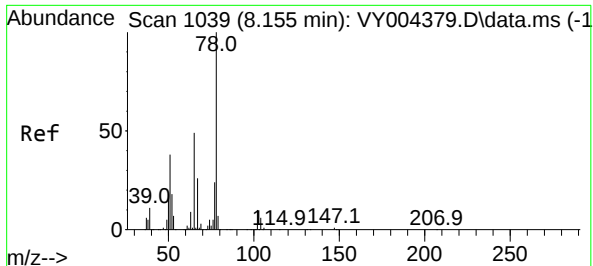


#32  
1,1,1-Trichloroethane  
Concen: 50.81 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. -0.006 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45



Tgt Ion: 97 Resp: 148747  
Ion Ratio Lower Upper  
97 100  
99 63.7 51.2 76.8  
61 45.1 36.2 54.2

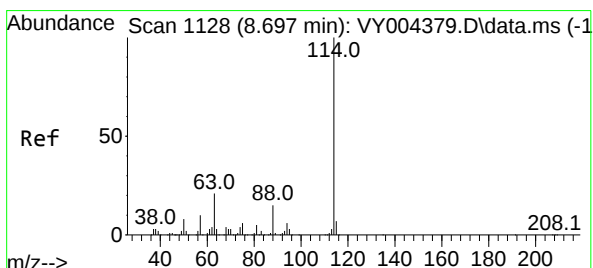
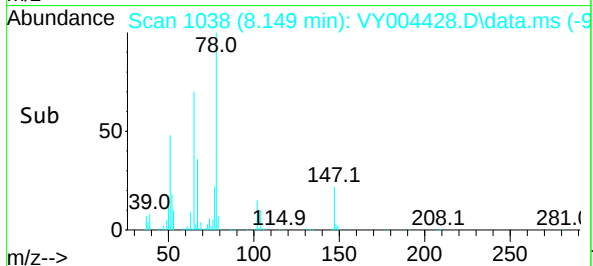
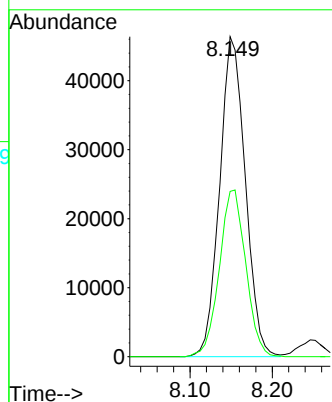
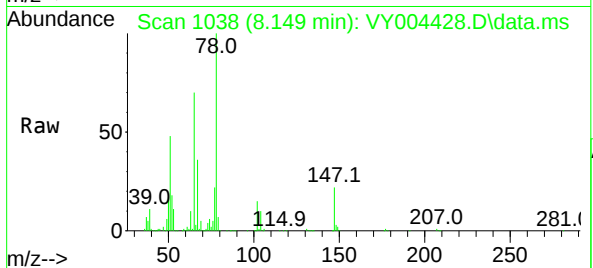




#33  
1,2-Dichloroethane-d4  
Concen: 55.30 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

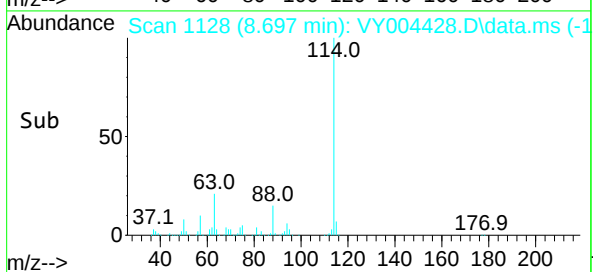
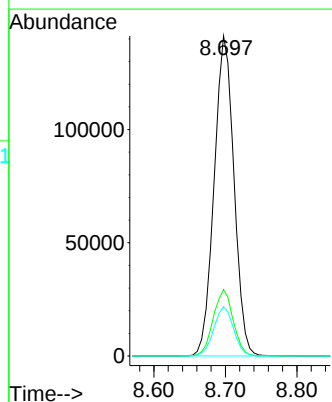
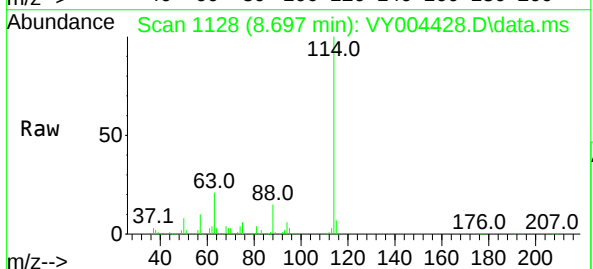
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

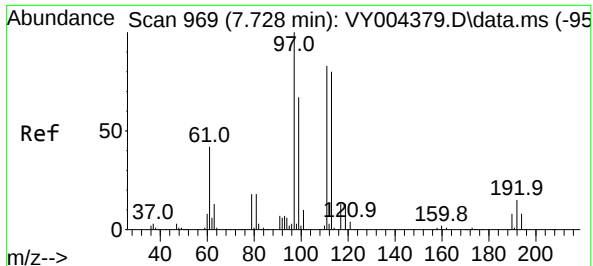
Tgt Ion: 65 Resp: 100635  
Ion Ratio Lower Upper  
65 100  
67 53.7 0.0 106.4



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 114 Resp: 272152  
Ion Ratio Lower Upper  
114 100  
63 20.7 0.0 42.4  
88 15.4 0.0 30.8

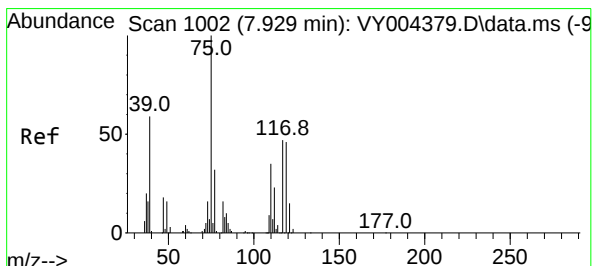
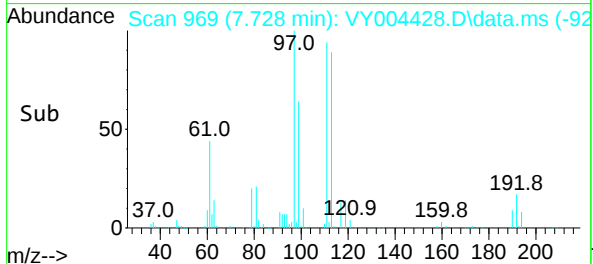
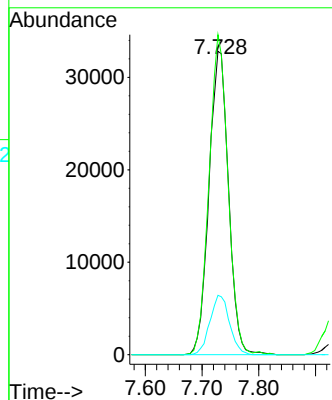
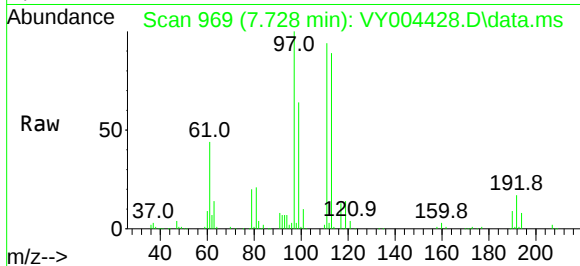




#35  
Dibromofluoromethane  
Concen: 52.01 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

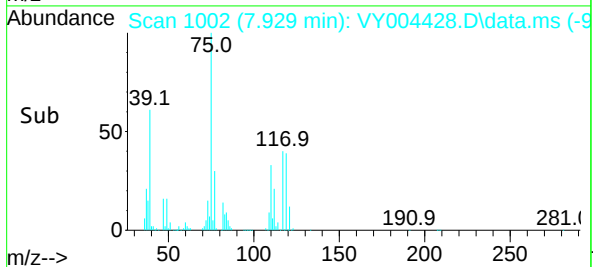
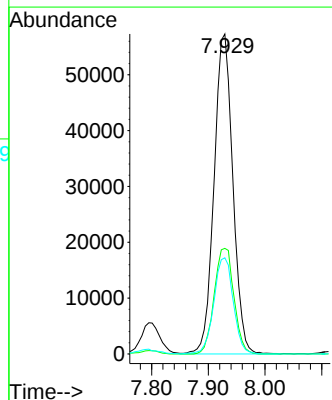
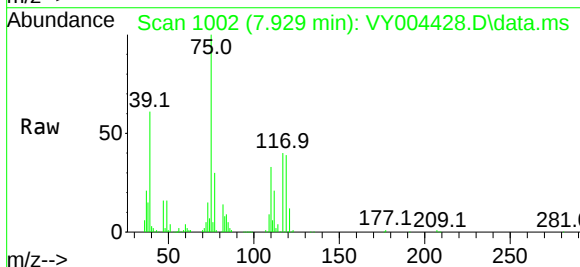
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

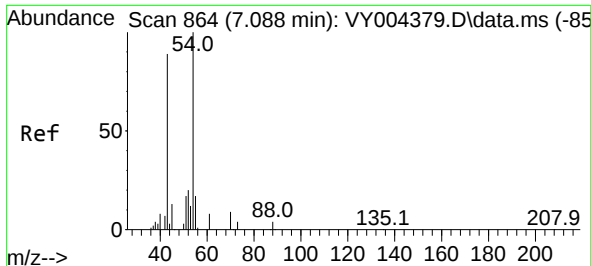
Tgt Ion:113 Resp: 78544  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.6 123.8  
192 19.6 16.1 24.1



#36  
1,1-Dichloropropene  
Concen: 48.80 ug/l  
RT: 7.929 min Scan# 1002  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 75 Resp: 131975  
Ion Ratio Lower Upper  
75 100  
110 34.5 17.3 51.7  
77 31.1 24.3 36.5





#37

Ethyl Acetate

Concen: 53.85 ug/l

RT: 7.088 min Scan# 864

Delta R.T. 0.000 min

Lab File: VY004428.D

Acq: 14 Apr 2021 17:45

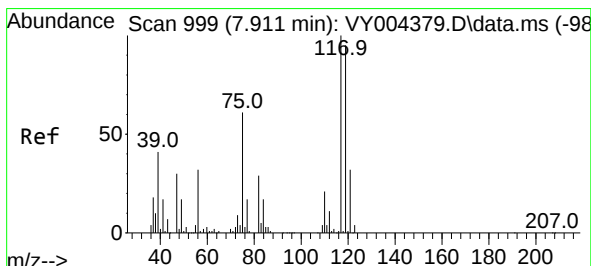
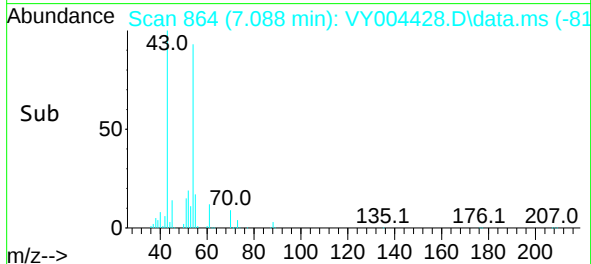
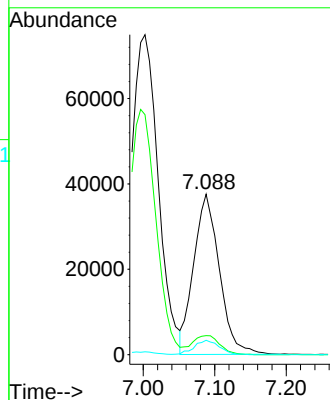
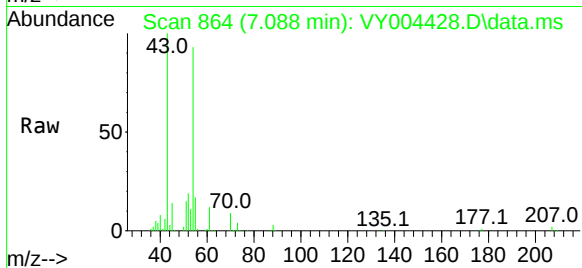
Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 93772 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 12.5  | 10.4  | 15.6  |
| 70       | 8.8   | 7.5   | 11.3  |



#38

Carbon Tetrachloride

Concen: 50.34 ug/l

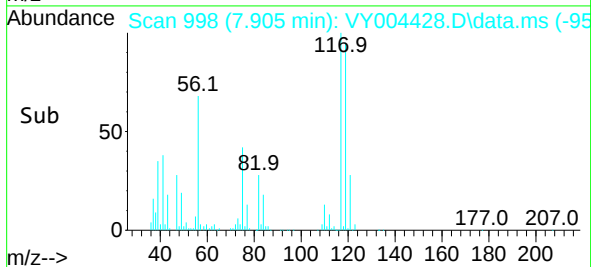
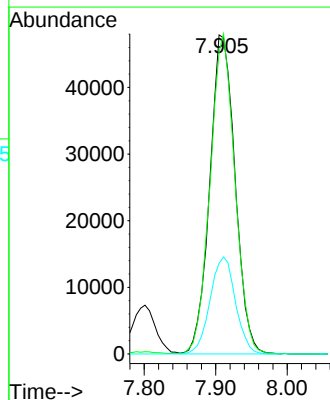
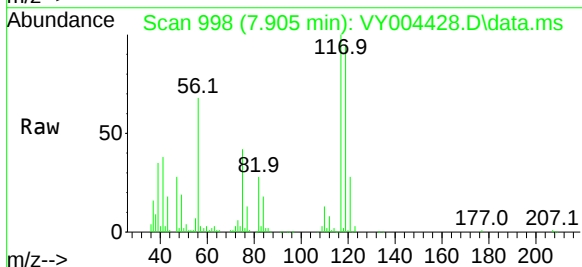
RT: 7.905 min Scan# 998

Delta R.T. -0.006 min

Lab File: VY004428.D

Acq: 14 Apr 2021 17:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 117695 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.6  | 75.8  | 113.8  |
| 121      | 28.4  | 25.3  | 37.9   |

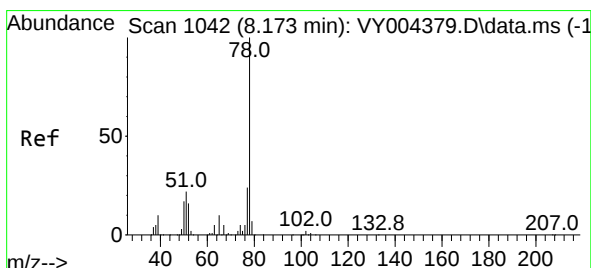
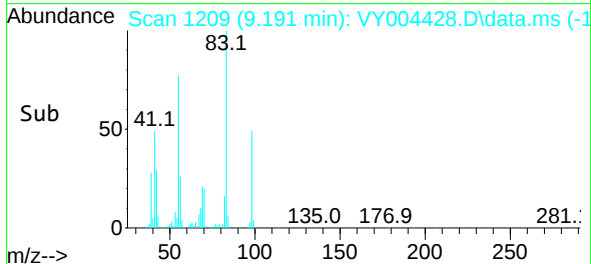
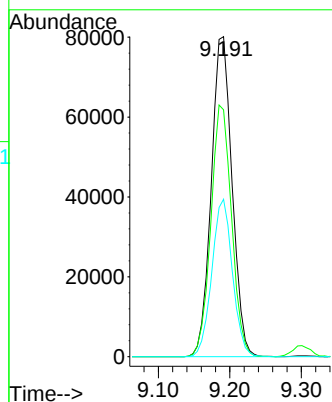
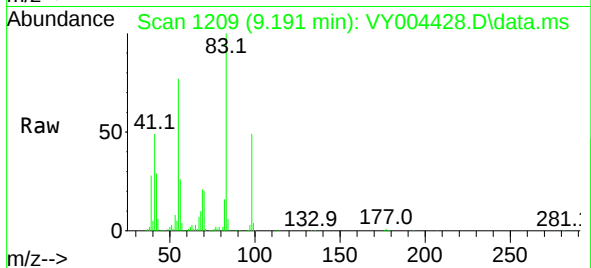




#39  
Methylcyclohexane  
Concen: 48.61 ug/l  
RT: 9.191 min Scan# 1209  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

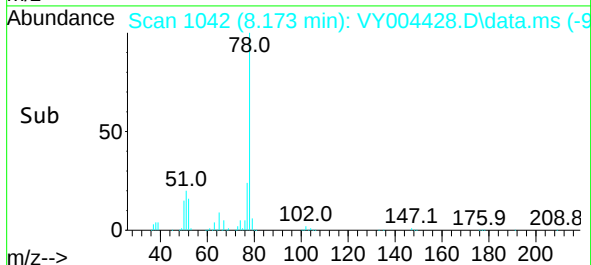
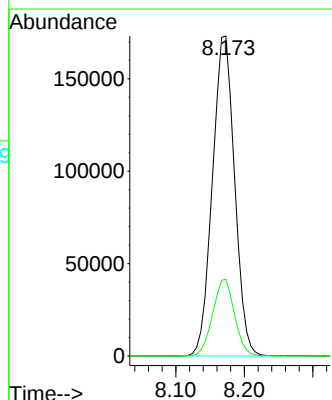
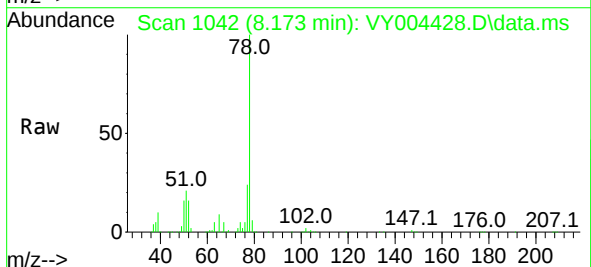
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

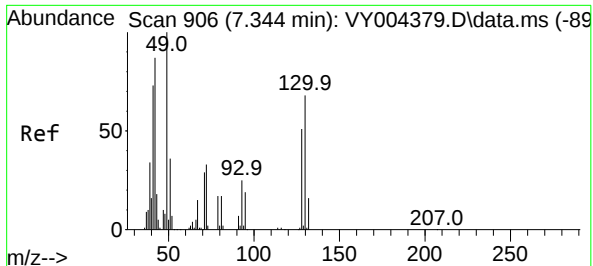
Tgt Ion: 83 Resp: 161843  
Ion Ratio Lower Upper  
83 100  
55 77.1 63.0 94.4  
98 49.2 39.2 58.8



#40  
Benzene  
Concen: 51.14 ug/l  
RT: 8.173 min Scan# 1042  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 78 Resp: 388696  
Ion Ratio Lower Upper  
78 100  
77 24.0 19.4 29.0

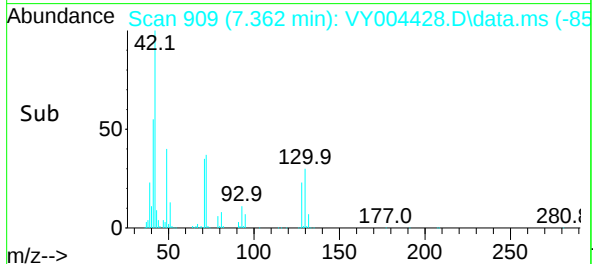
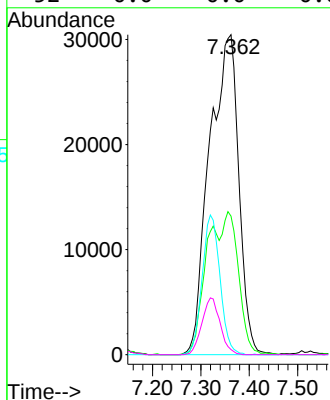
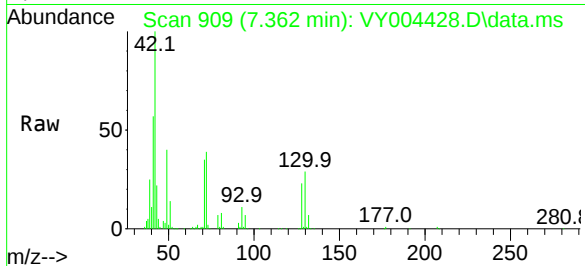




#41  
Methacrylonitrile  
Concen: 120.97 ug/l  
RT: 7.362 min Scan# 909  
Delta R.T. 0.019 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

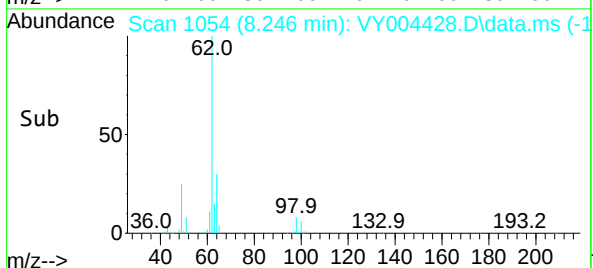
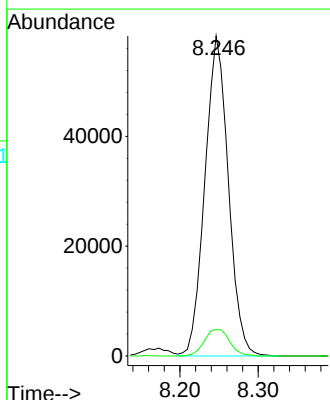
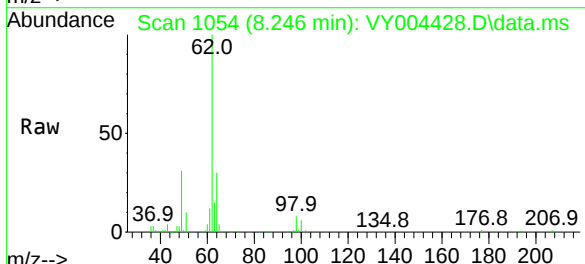
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

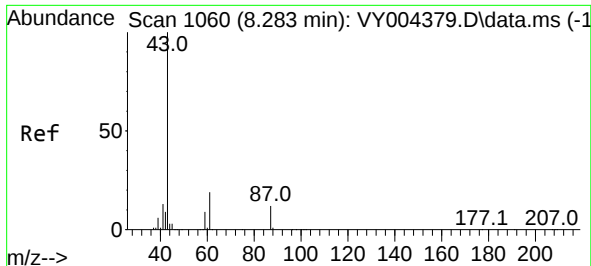
Tgt Ion: 41 Resp: 127667  
Ion Ratio Lower Upper  
41 100  
39 0.0 0.0 0.0  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 50.87 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 62 Resp: 121285  
Ion Ratio Lower Upper  
62 100  
98 9.0 0.0 18.2

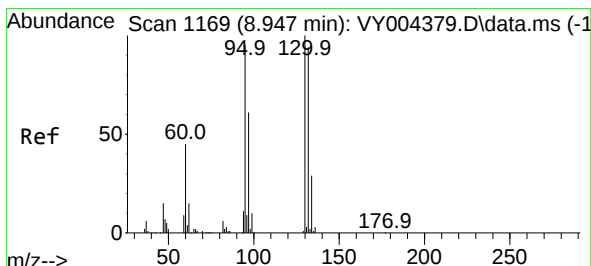
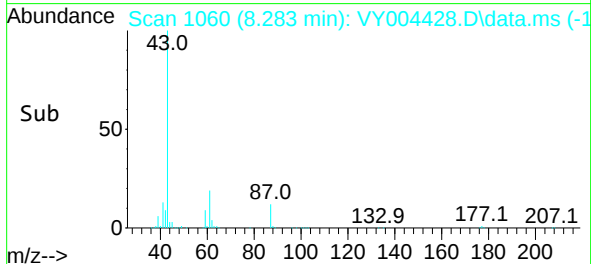
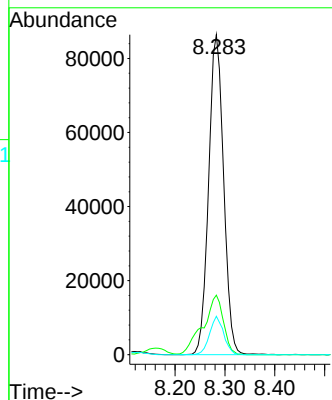
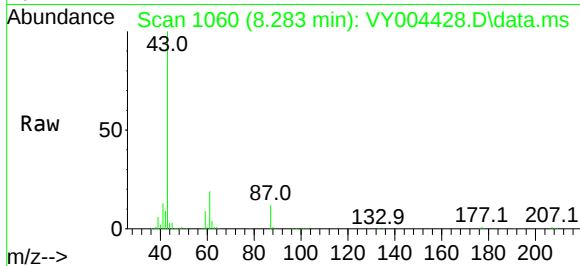




#43  
Isopropyl Acetate  
Concen: 54.62 ug/l  
RT: 8.283 min Scan# 1060  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

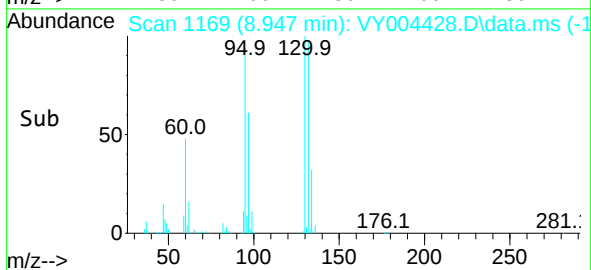
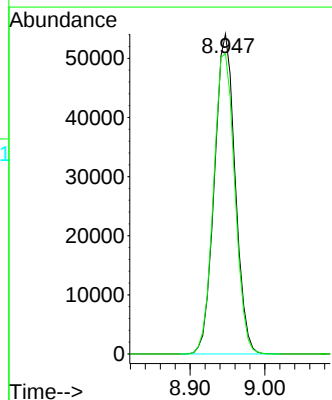
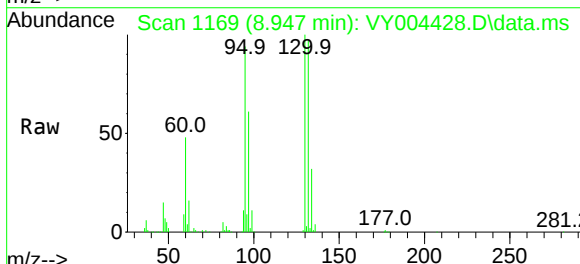
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

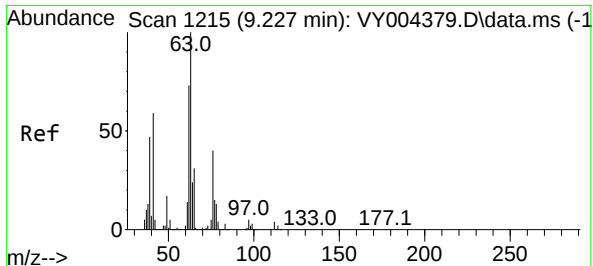
Tgt Ion: 43 Resp: 180325  
Ion Ratio Lower Upper  
43 100  
61 25.4 20.9 31.3  
87 11.3 9.1 13.7



#44  
Trichloroethene  
Concen: 50.33 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion:130 Resp: 104298  
Ion Ratio Lower Upper  
130 100  
95 93.9 0.0 190.4

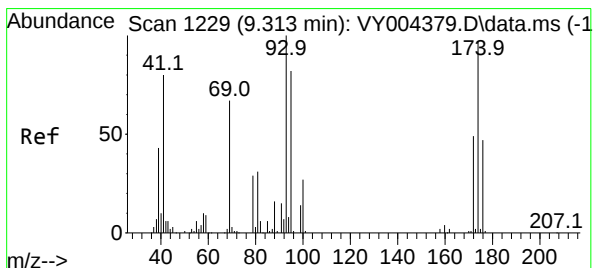
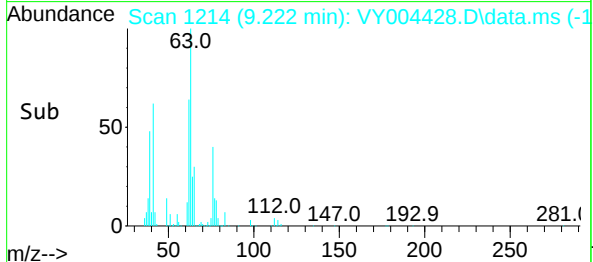
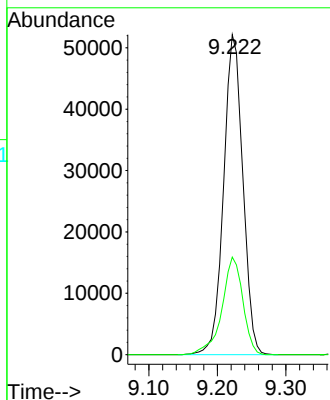
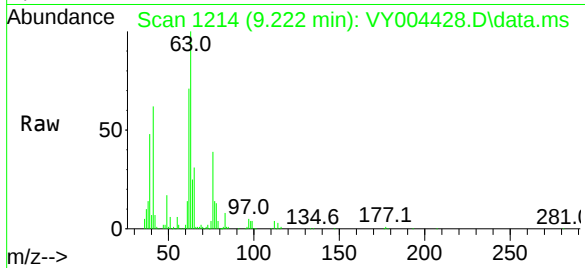




#45  
1,2-Dichloropropane  
Concen: 51.73 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

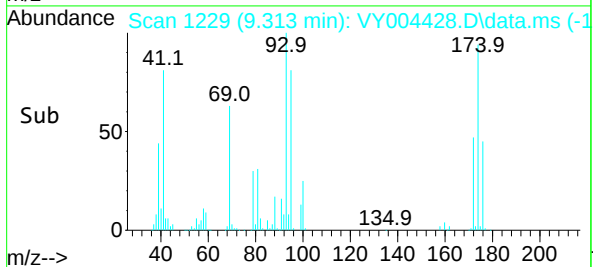
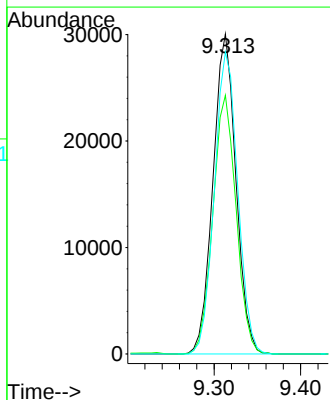
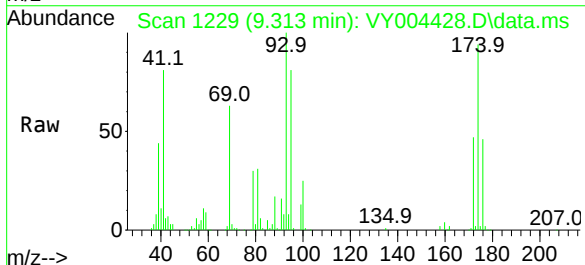
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 63 Resp: 101464  
Ion Ratio Lower Upper  
63 100  
65 30.5 24.4 36.6



#46  
Dibromomethane  
Concen: 51.79 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 93 Resp: 55305  
Ion Ratio Lower Upper  
93 100  
95 81.8 65.8 98.8  
174 96.1 77.8 116.6

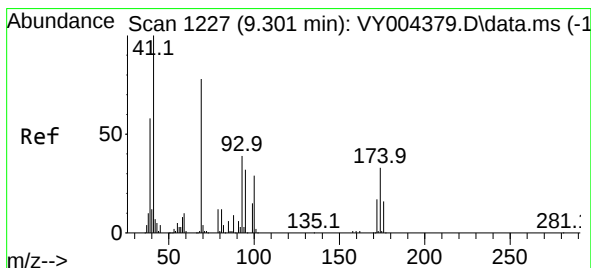
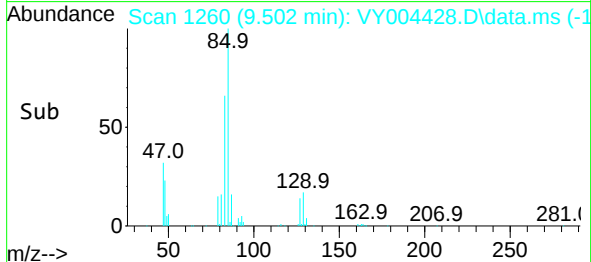
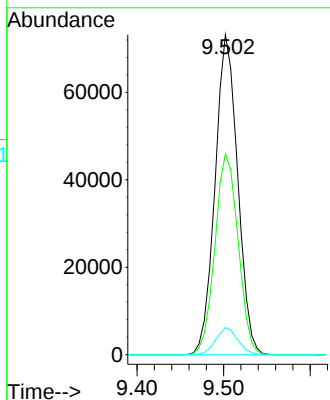
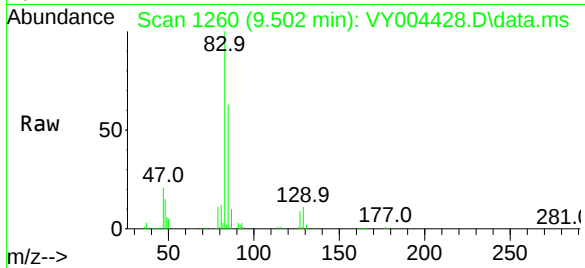




#47  
Bromodichloromethane  
Concen: 51.30 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

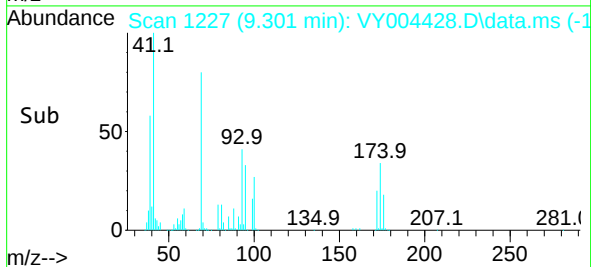
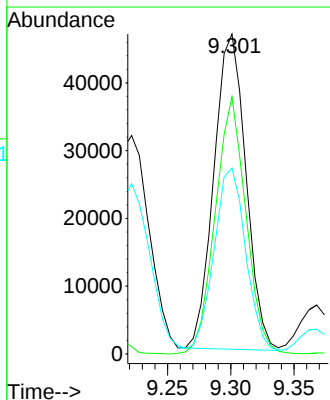
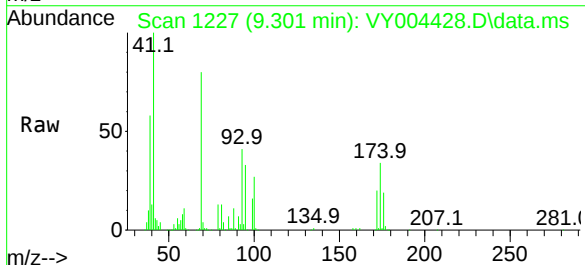
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

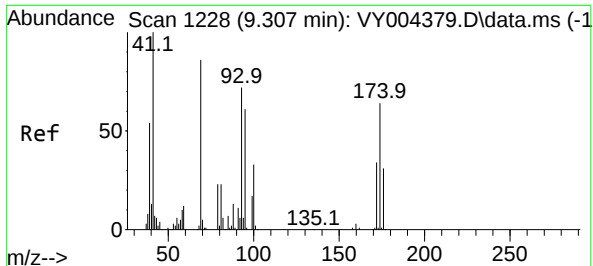
Tgt Ion: 83 Resp: 132631  
Ion Ratio Lower Upper  
83 100  
85 62.7 50.7 76.1  
127 8.5 6.6 10.0



#48  
Methyl methacrylate  
Concen: 53.78 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 41 Resp: 81766  
Ion Ratio Lower Upper  
41 100  
69 78.3 62.6 94.0  
39 59.7 47.2 70.8

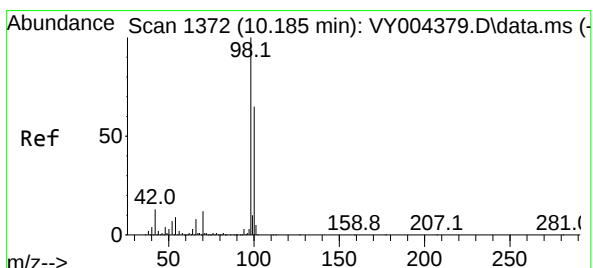
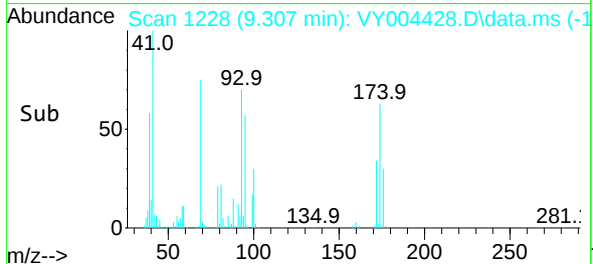
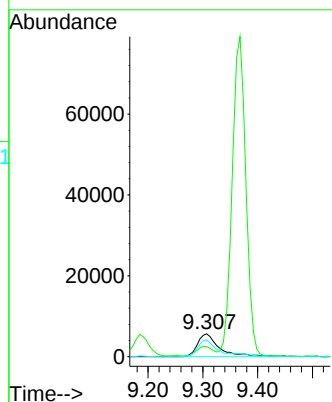
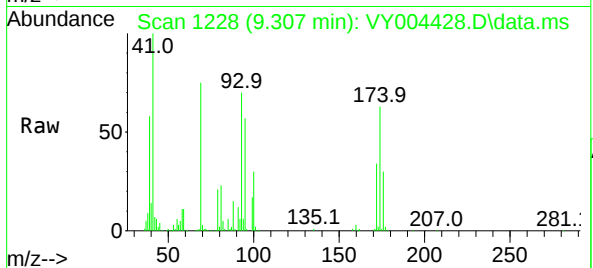




#49  
1,4-Dioxane  
Concen: 1125.37 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

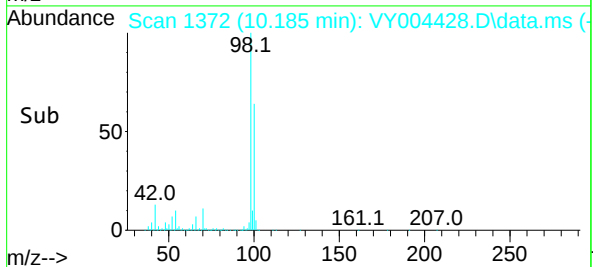
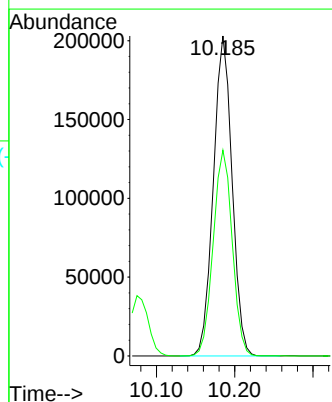
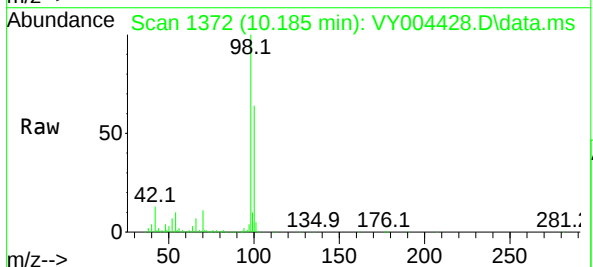
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

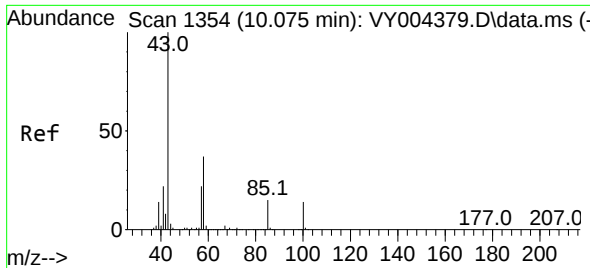
Tgt Ion: 88 Resp: 15695  
Ion Ratio Lower Upper  
88 100  
43 33.1 31.7 47.5  
58 74.4 55.7 83.5



#50  
Toluene-d8  
Concen: 52.50 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 98 Resp: 337278  
Ion Ratio Lower Upper  
98 100  
100 65.4 51.8 77.6

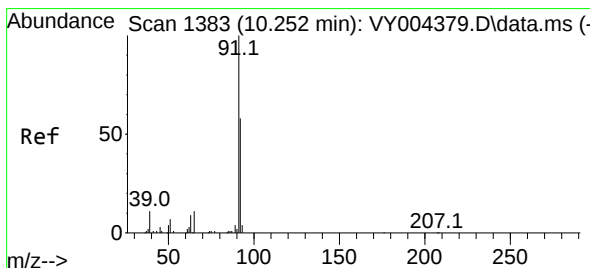
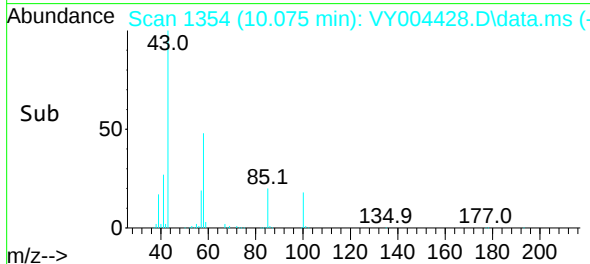
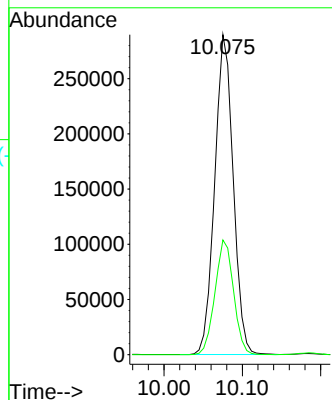
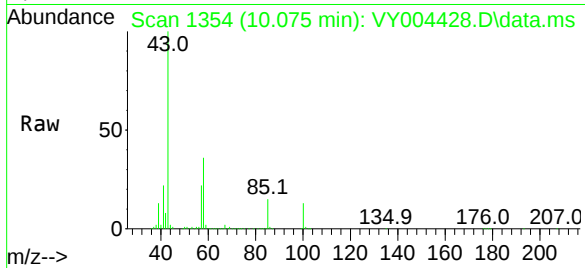




#51  
4-Methyl-2-Pentanone  
Concen: 280.16 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

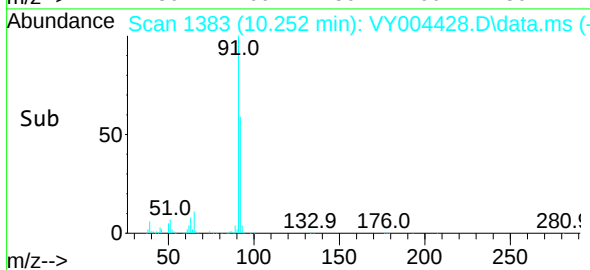
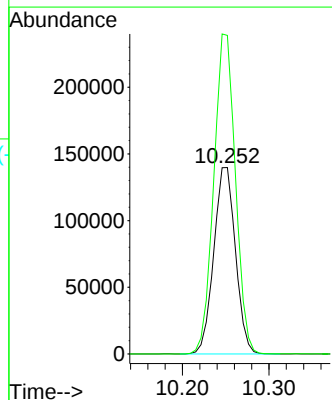
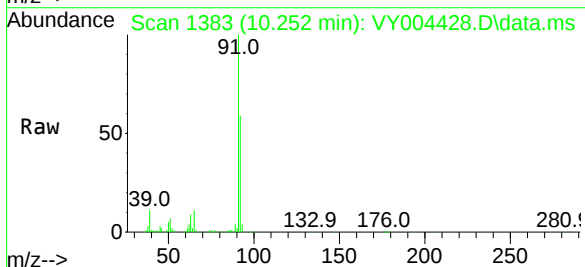
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

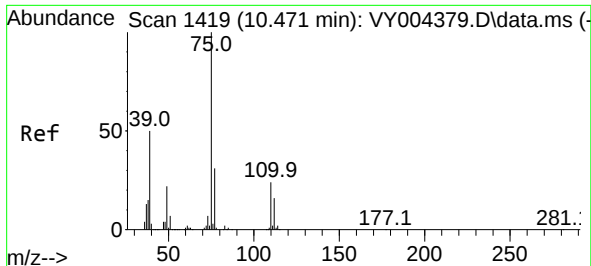
Tgt Ion: 43 Resp: 475098  
Ion Ratio Lower Upper  
43 100  
58 36.2 29.2 43.8



#52  
Toluene  
Concen: 49.43 ug/l  
RT: 10.252 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 92 Resp: 243103  
Ion Ratio Lower Upper  
92 100  
91 171.3 137.8 206.6

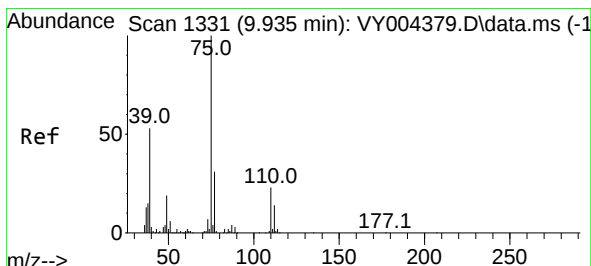
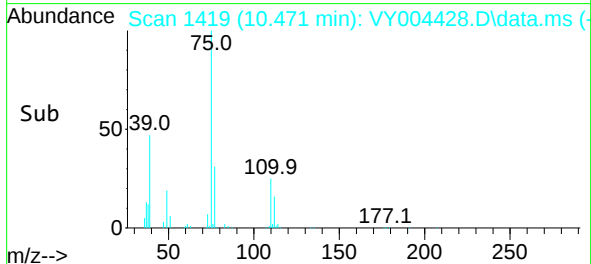
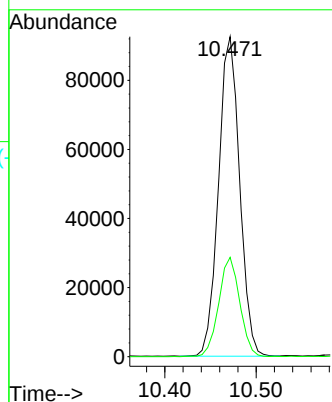
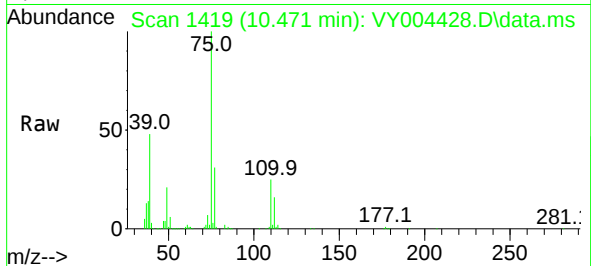




#53  
t-1,3-Dichloropropene  
Concen: 52.22 ug/l  
RT: 10.471 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

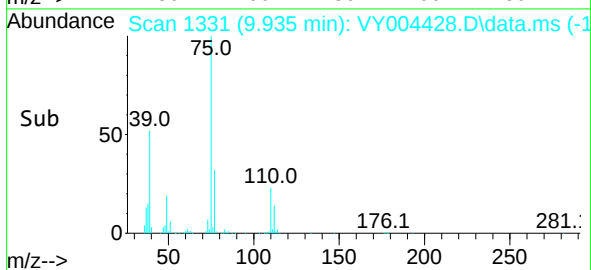
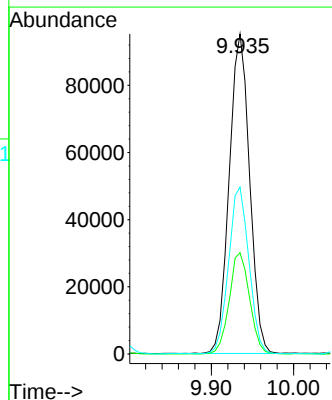
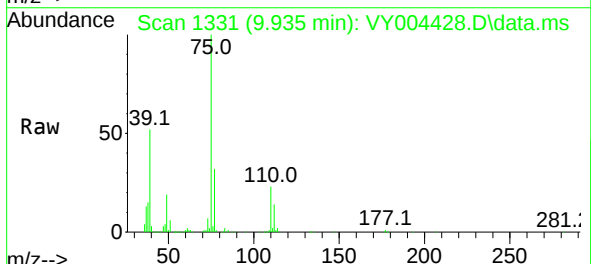
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

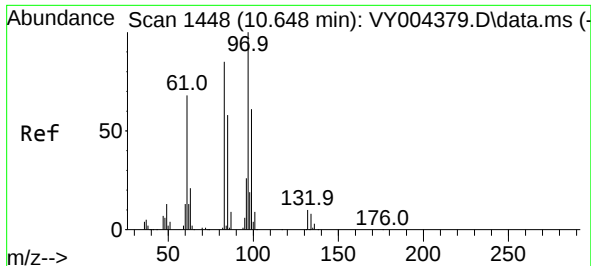
Tgt Ion: 75 Resp: 148904  
Ion Ratio Lower Upper  
75 100  
77 31.1 25.2 37.8



#54  
cis-1,3-Dichloropropene  
Concen: 50.73 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 75 Resp: 164279  
Ion Ratio Lower Upper  
75 100  
77 31.7 24.6 37.0  
39 52.1 42.1 63.1

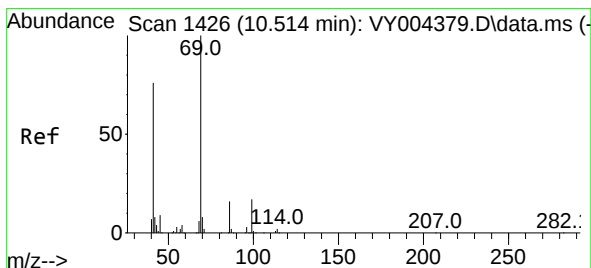
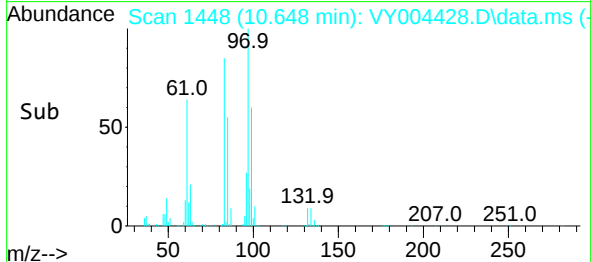
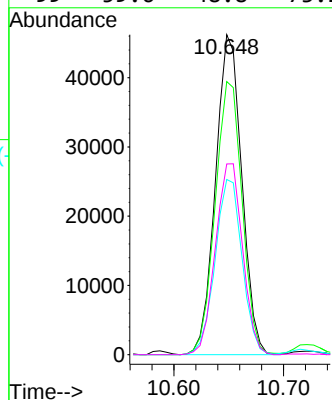
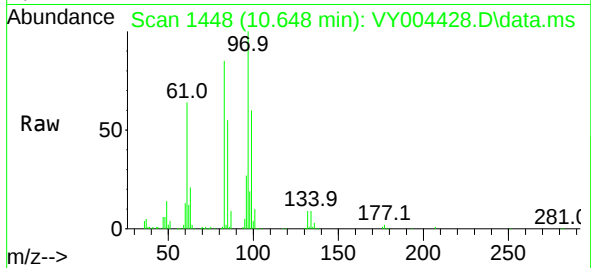




#55  
1,1,2-Trichloroethane  
Concen: 52.36 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

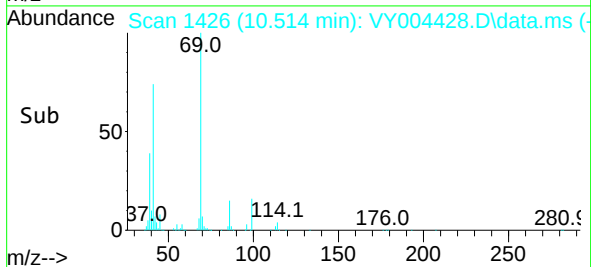
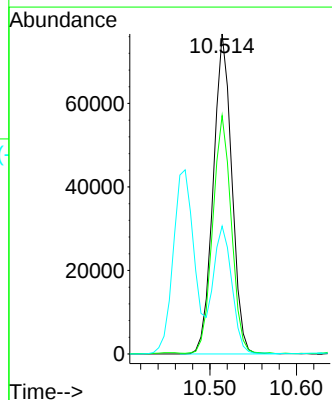
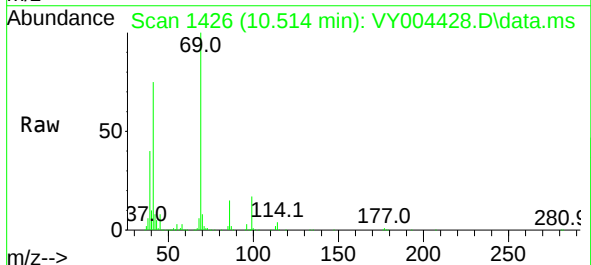
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

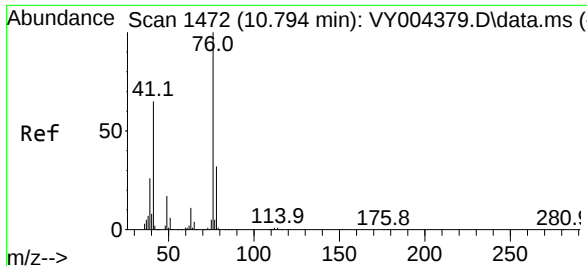
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 77048 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.4  | 68.4  | 102.6 |
| 85       | 54.8  | 46.2  | 69.4  |
| 99       | 59.6  | 48.8  | 73.2  |



#56  
Ethyl methacrylate  
Concen: 53.51 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 114168 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 74.4  | 59.2  | 88.8   |
| 39       | 38.8  | 31.0  | 46.6   |

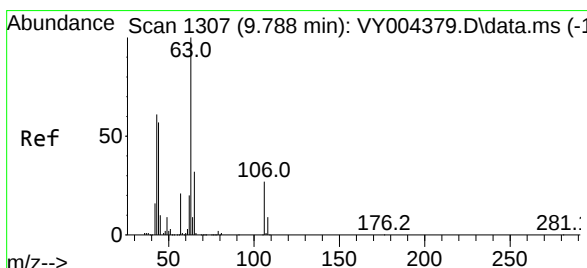
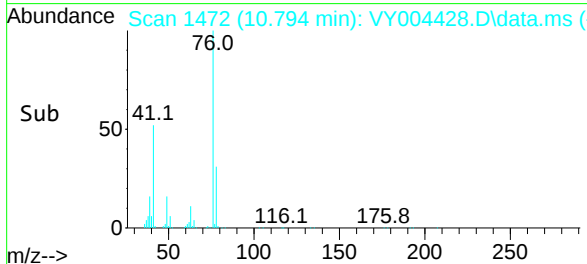
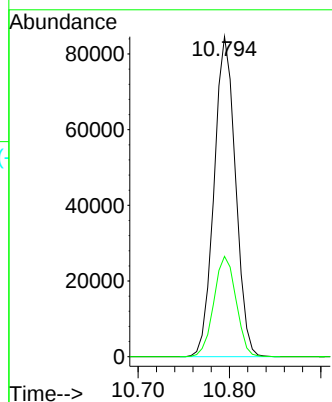
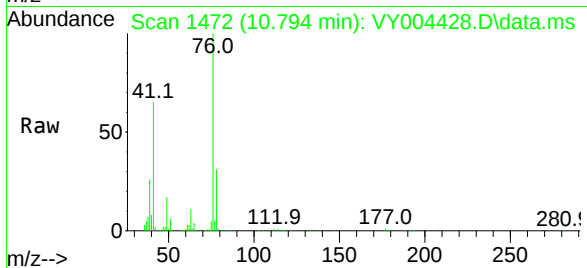




#57  
1,3-Dichloropropane  
Concen: 52.36 ug/l  
RT: 10.794 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

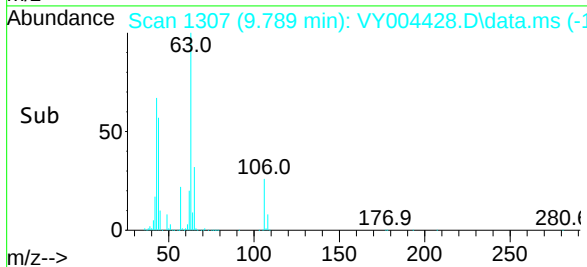
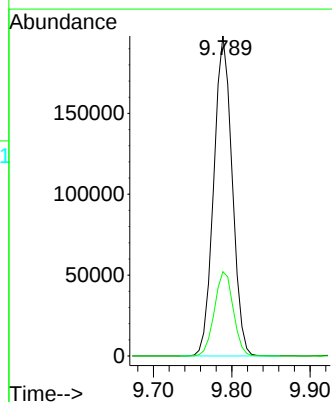
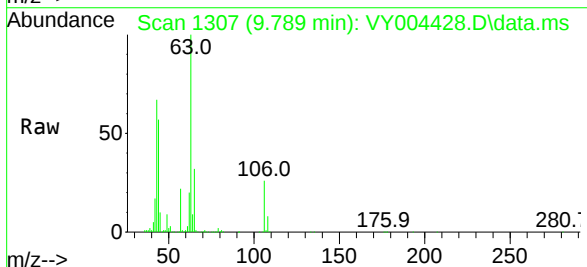
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

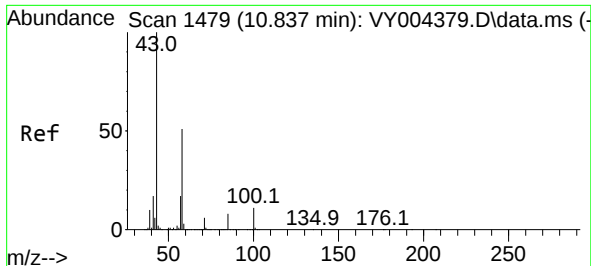
Tgt Ion: 76 Resp: 137483  
Ion Ratio Lower Upper  
76 100  
78 32.5 25.9 38.9



#58  
2-Chloroethyl Vinyl ether  
Concen: 295.98 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 63 Resp: 323132  
Ion Ratio Lower Upper  
63 100  
106 26.9 21.7 32.5

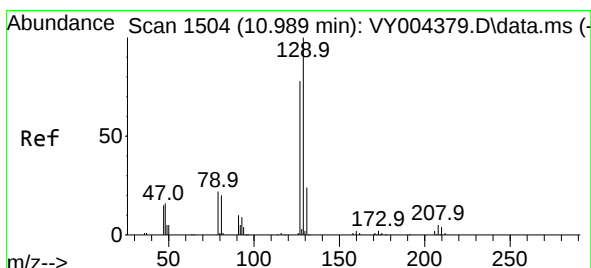
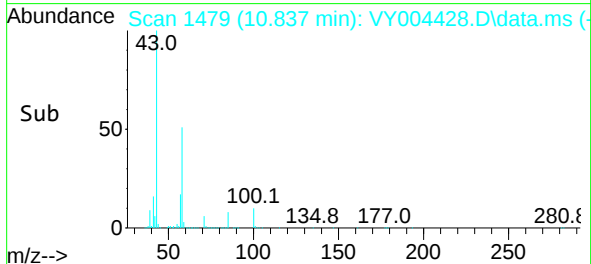
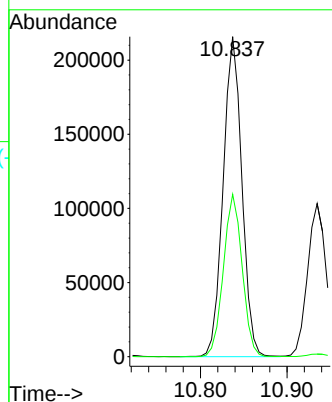
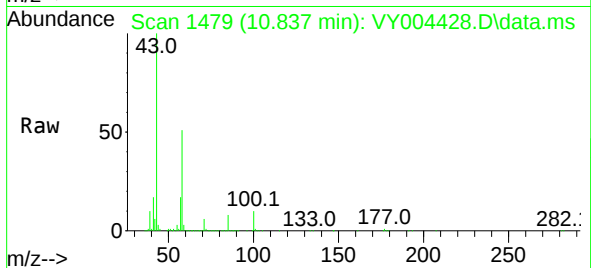




#59  
2-Hexanone  
Concen: 285.26 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

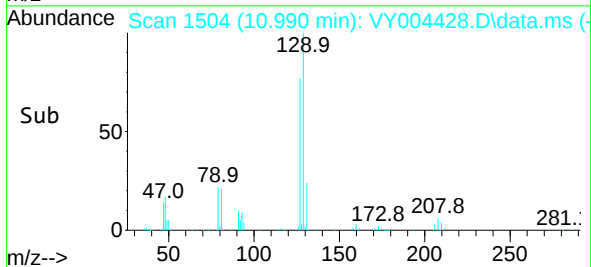
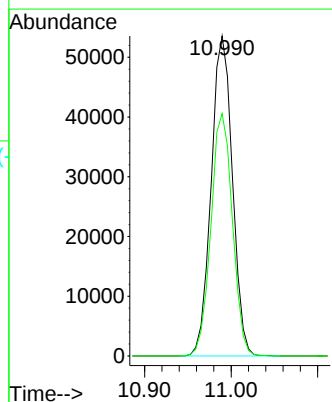
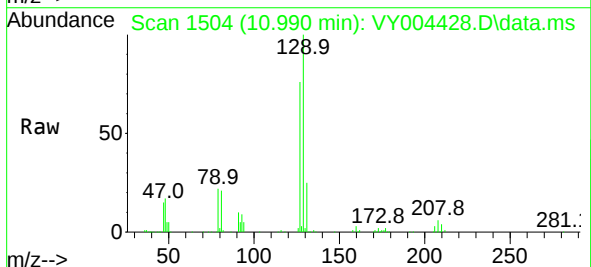
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

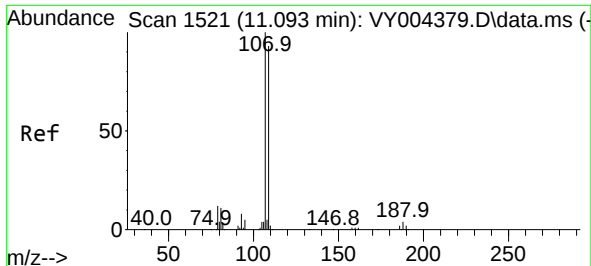
Tgt Ion: 43 Resp: 324286  
Ion Ratio Lower Upper  
43 100  
58 50.8 25.4 76.4



#60  
Dibromochloromethane  
Concen: 52.04 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 129 Resp: 91006  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.9 116.7

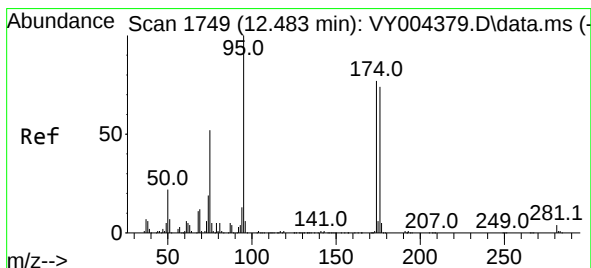
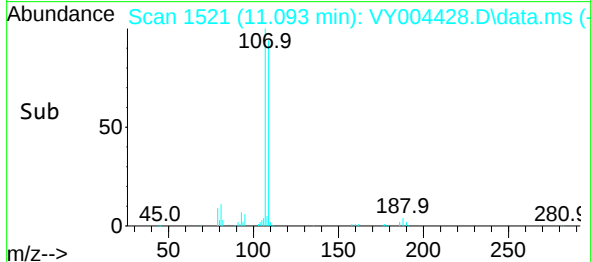
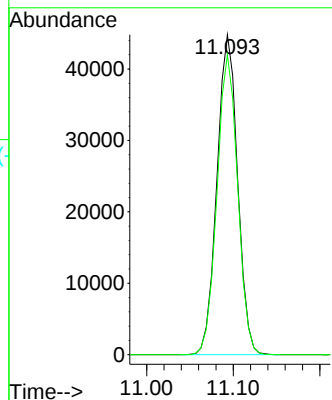
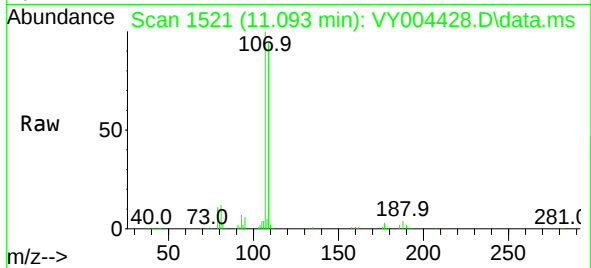




#61  
1,2-Dibromoethane  
Concen: 52.29 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

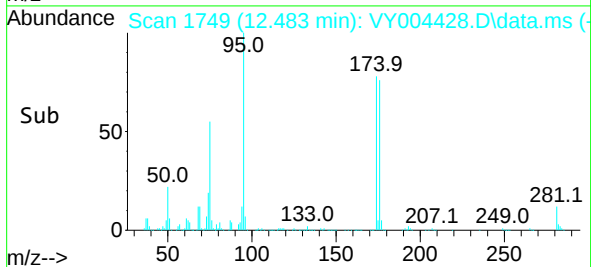
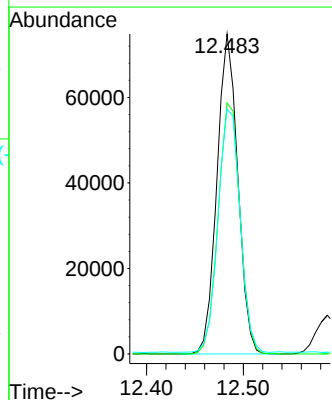
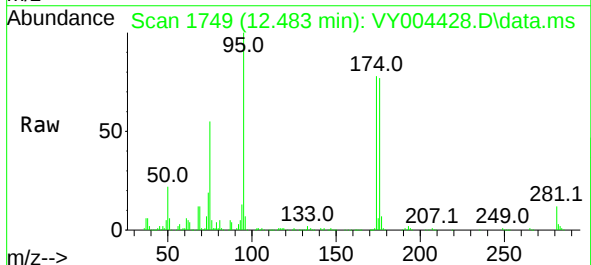
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

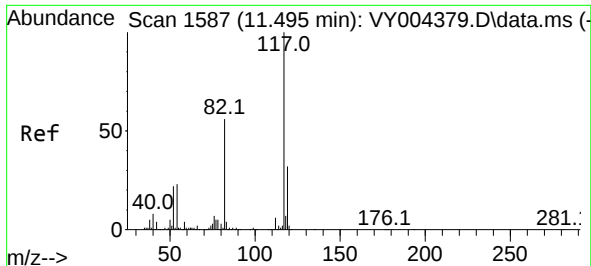
Tgt Ion:107 Resp: 74183  
Ion Ratio Lower Upper  
107 100  
109 93.7 75.5 113.3



#62  
4-Bromofluorobenzene  
Concen: 51.27 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 95 Resp: 111770  
Ion Ratio Lower Upper  
95 100  
174 82.4 0.0 162.4  
176 80.4 0.0 156.0

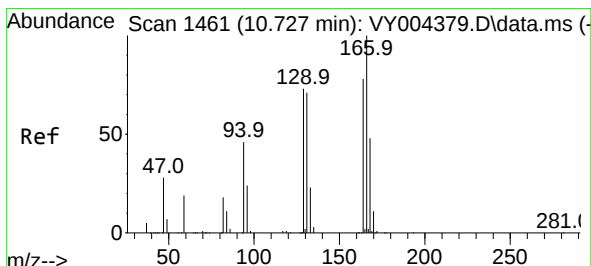
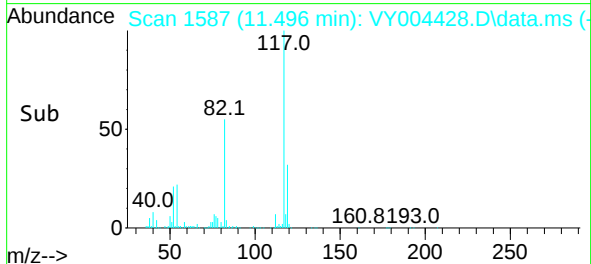
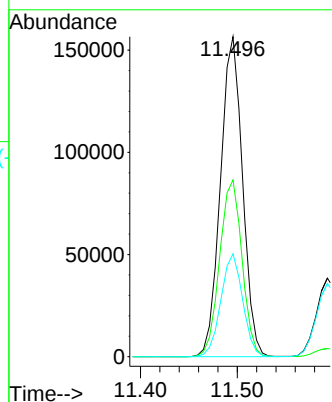
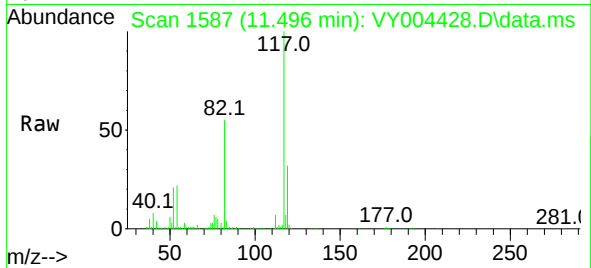




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

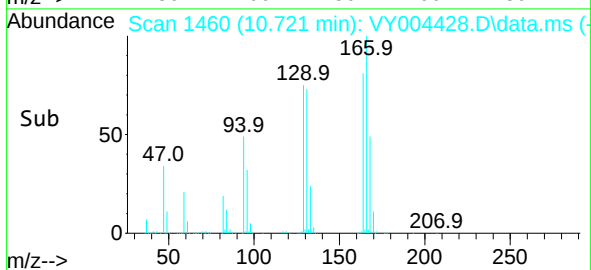
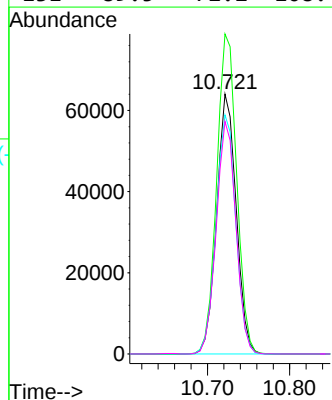
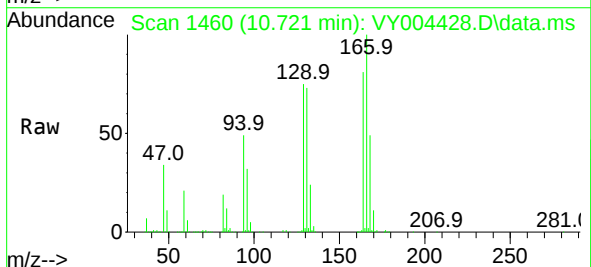
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

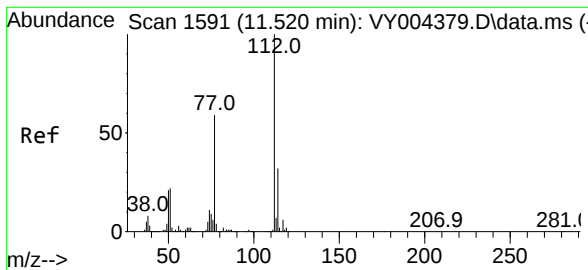
Tgt Ion:117 Resp: 247874  
Ion Ratio Lower Upper  
117 100  
82 55.3 44.9 67.3  
119 32.2 25.4 38.0



#64  
Tetrachloroethene  
Concen: 49.06 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.006 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion:164 Resp: 105872  
Ion Ratio Lower Upper  
164 100  
166 123.2 102.1 153.1  
129 92.0 74.8 112.2  
131 89.5 72.2 108.4

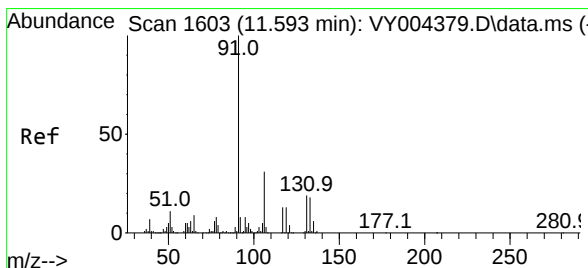
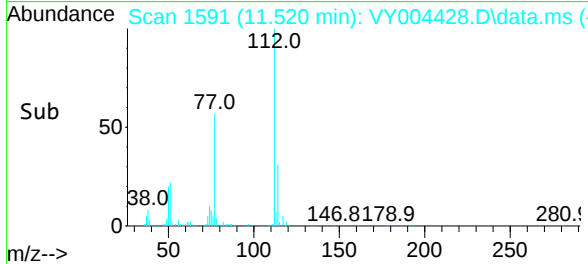
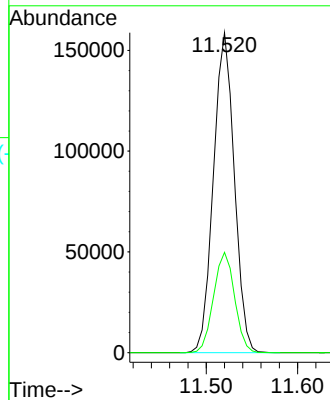
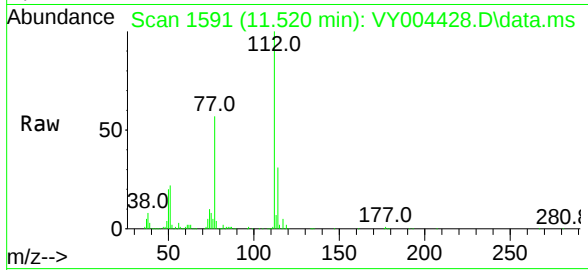




#65  
Chlorobenzene  
Concen: 49.78 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

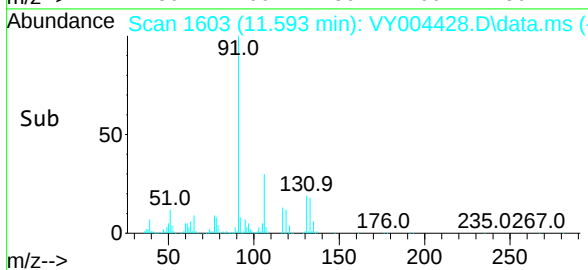
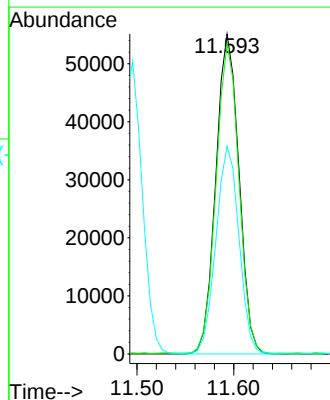
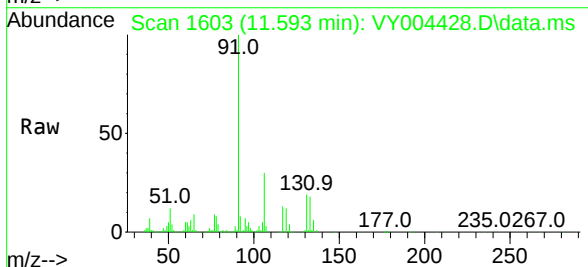
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:112 Resp: 251790  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.46 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion:131 Resp: 91094  
Ion Ratio Lower Upper  
131 100  
133 95.7 47.6 142.9  
119 64.9 32.6 98.0

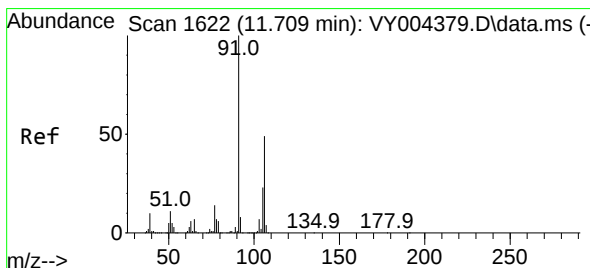
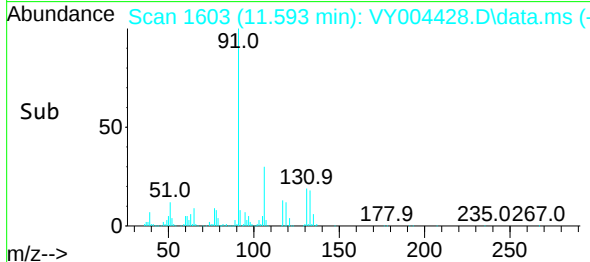
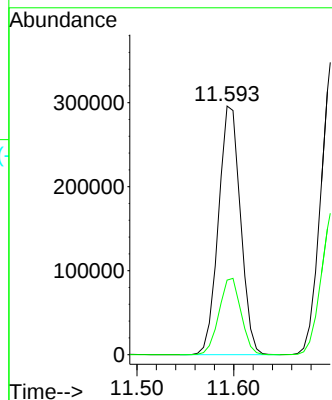
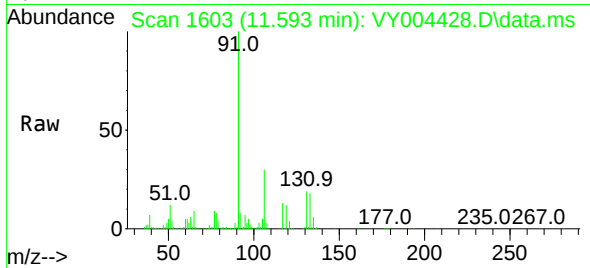




#67  
Ethyl Benzene  
Concen: 49.45 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.006 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

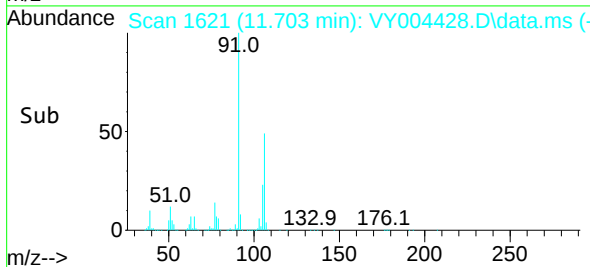
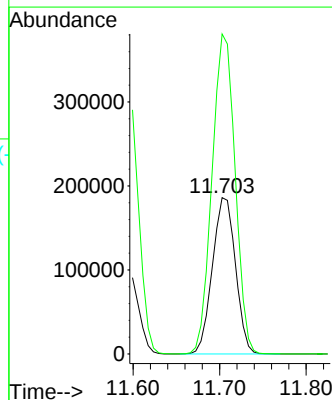
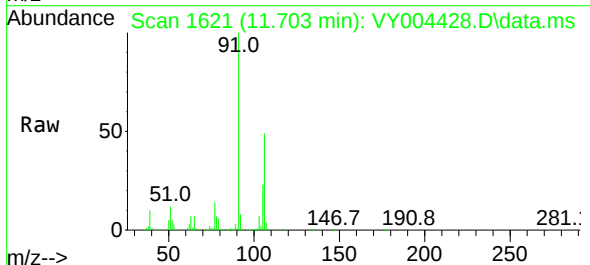
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

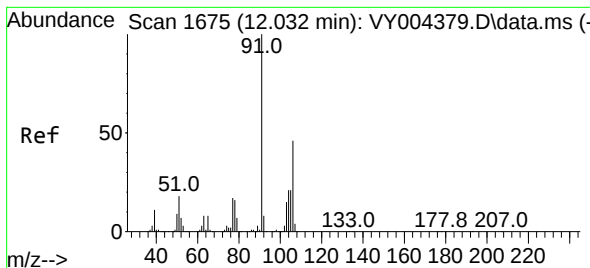
Tgt Ion: 91 Resp: 467996  
Ion Ratio Lower Upper  
91 100  
106 30.0 25.1 37.7



#68  
m/p-Xylenes  
Concen: 98.02 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.006 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 106 Resp: 344731  
Ion Ratio Lower Upper  
106 100  
91 204.6 163.2 244.8

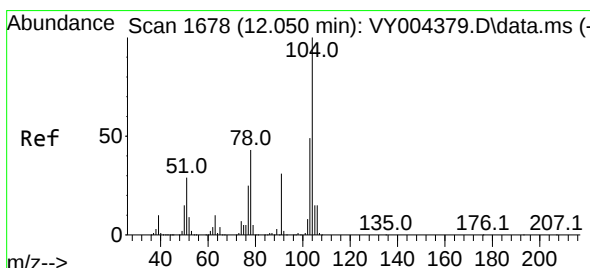
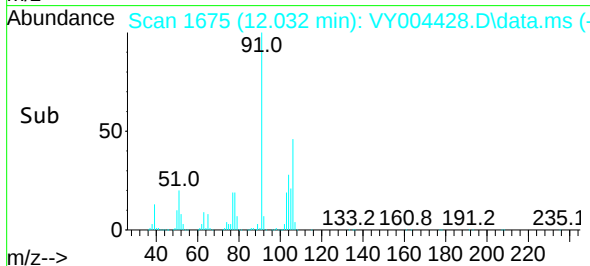
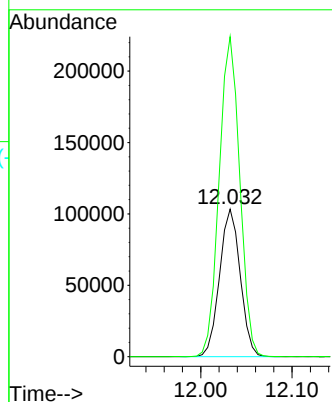
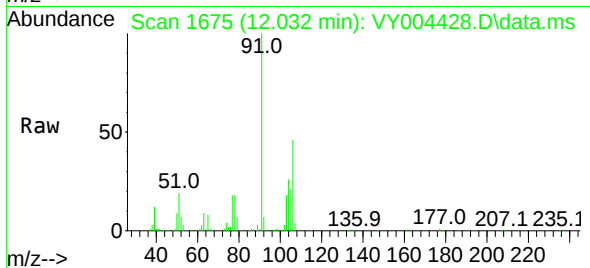




#69  
o-Xylene  
Concen: 49.31 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

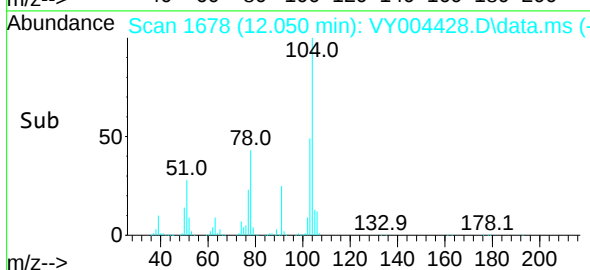
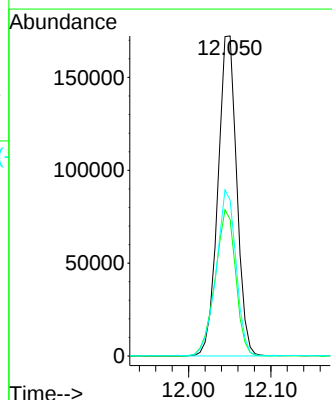
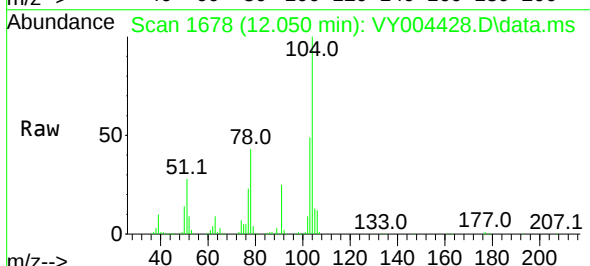
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

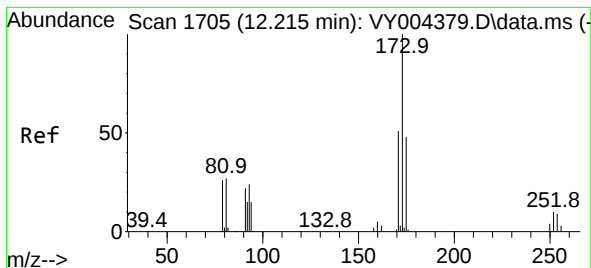
Tgt Ion:106 Resp: 162509  
Ion Ratio Lower Upper  
106 100  
91 216.3 107.4 322.2



#70  
Styrene  
Concen: 50.32 ug/l  
RT: 12.050 min Scan# 1678  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion:104 Resp: 274695  
Ion Ratio Lower Upper  
104 100  
78 49.8 39.9 59.9  
103 54.6 43.4 65.2





#71

Bromoform

Concen: 50.80 ug/l

RT: 12.209 min Scan# 1704

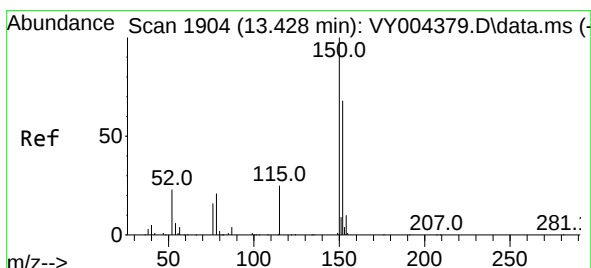
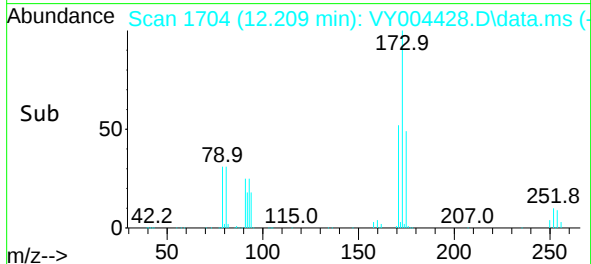
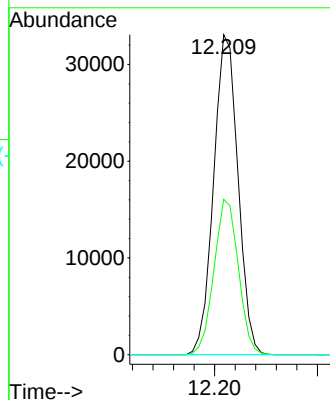
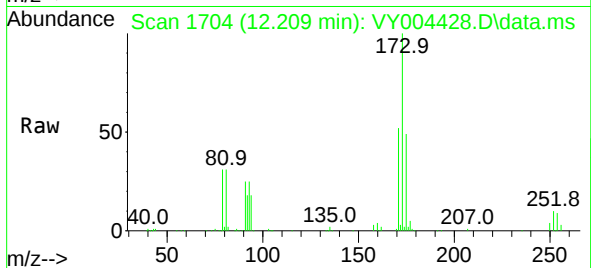
Delta R.T. -0.006 min

Lab File: VY004428.D

Acq: 14 Apr 2021 17:45

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 54394     |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 48.6  | 24.3 72.8 |
| 254         | 0.0   | 0.0 0.0   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

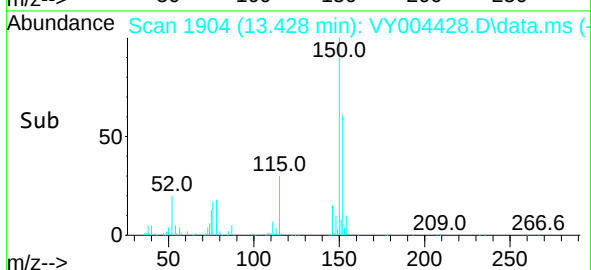
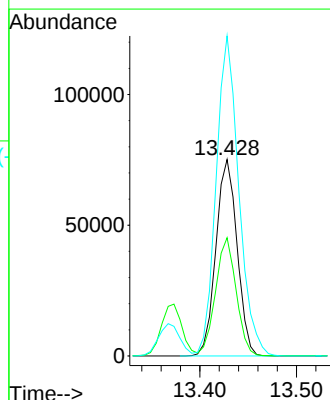
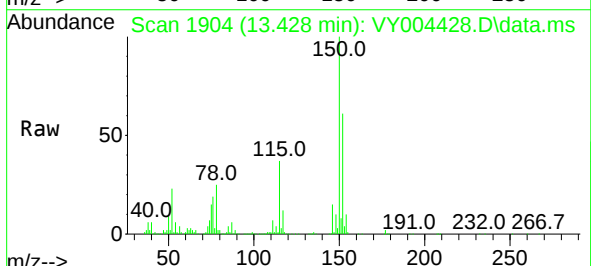
RT: 13.428 min Scan# 1904

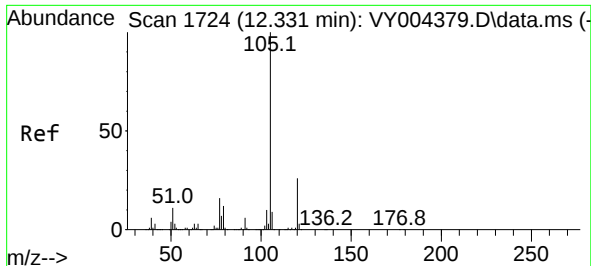
Delta R.T. 0.000 min

Lab File: VY004428.D

Acq: 14 Apr 2021 17:45

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 114302    |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 115         | 58.4  | 29.6 88.8 |
| 150         | 174.4 | 0.0 348.4 |

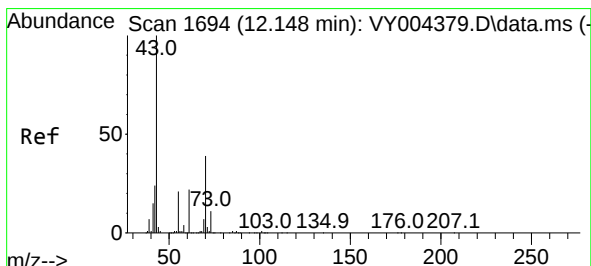
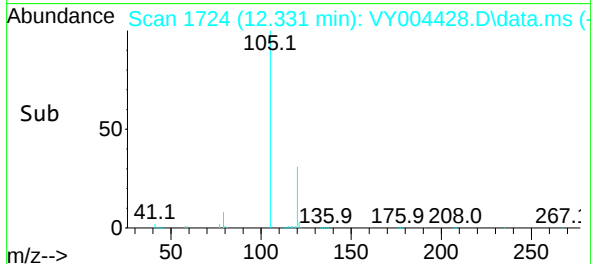
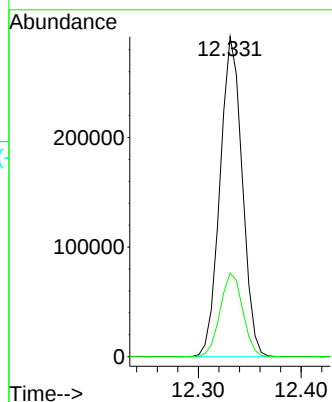
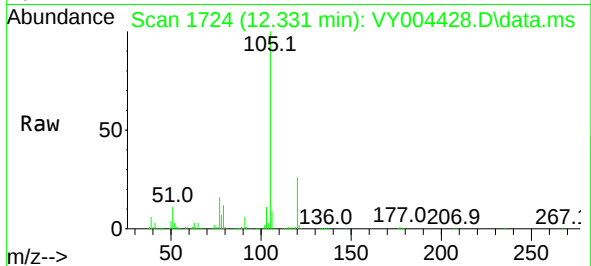




#73  
Isopropylbenzene  
Concen: 49.47 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

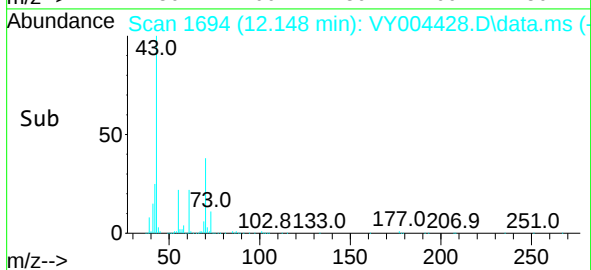
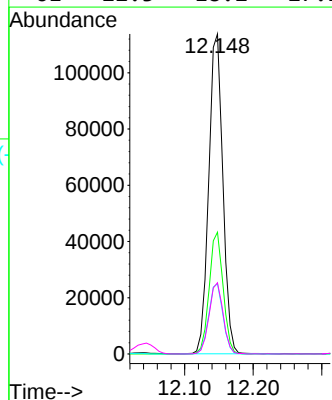
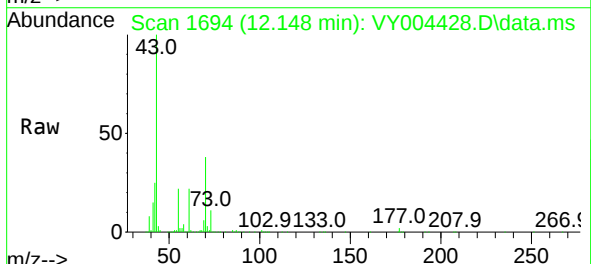
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

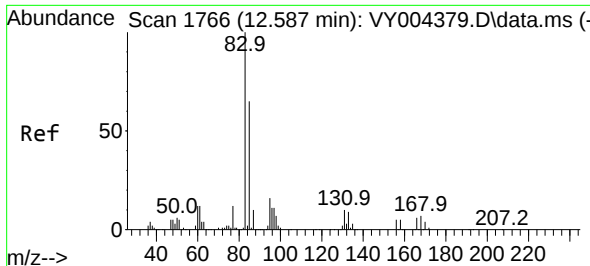
Tgt Ion:105 Resp: 436908  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.2 39.5



#74  
N-ethyl acetate  
Concen: 54.74 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 43 Resp: 162783  
Ion Ratio Lower Upper  
43 100  
70 37.6 30.4 45.6  
55 22.2 17.4 26.0  
61 22.3 18.2 27.2

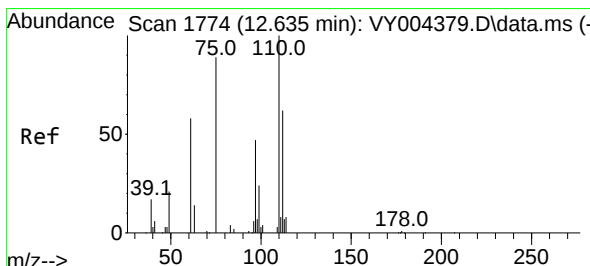
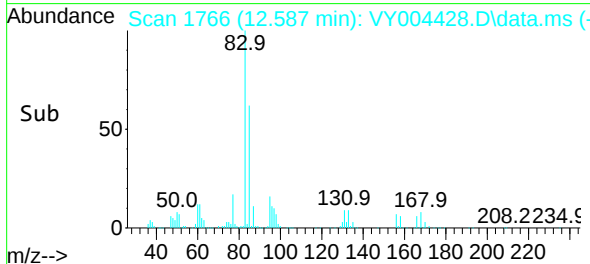
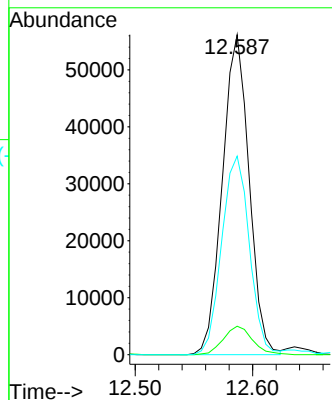
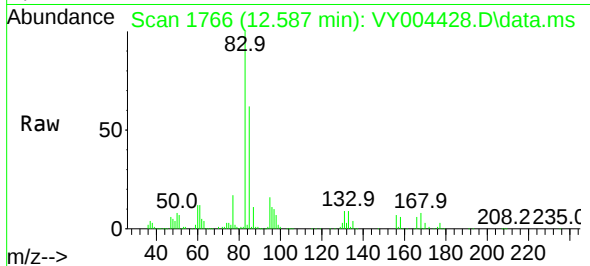




#75  
1,1,2,2-Tetrachloroethane  
Concen: 53.04 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

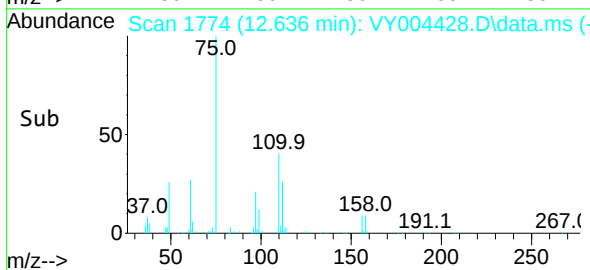
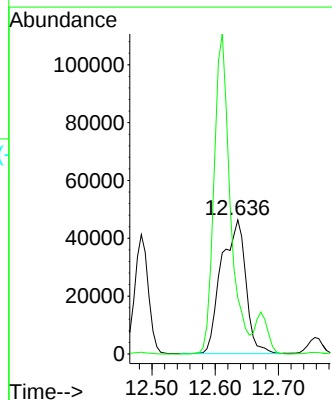
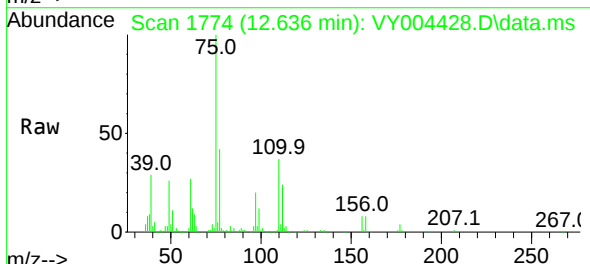
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

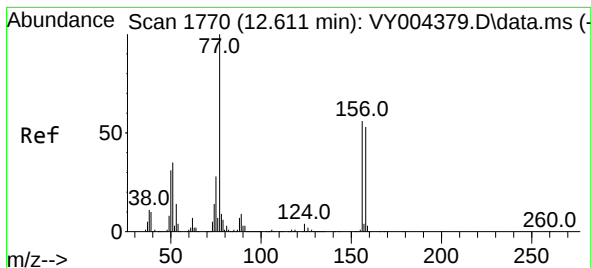
Tgt Ion: 83 Resp: 88625  
Ion Ratio Lower Upper  
83 100  
131 9.7 5.1 15.4  
85 64.4 31.6 94.8



#76  
1,2,3-Trichloropropane  
Concen: 101.33 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 75 Resp: 124305  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

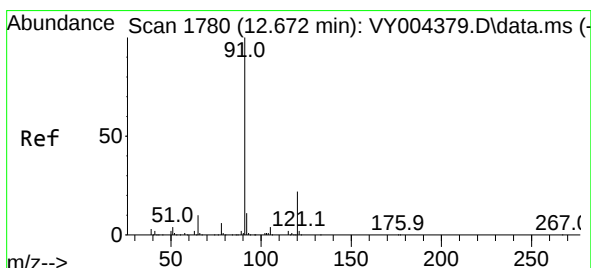
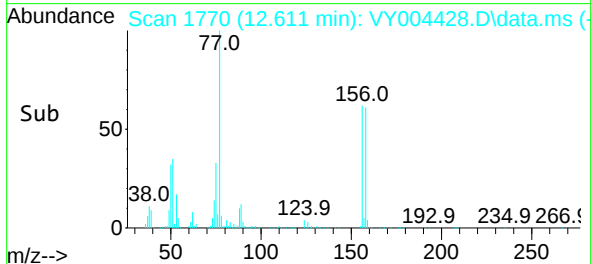
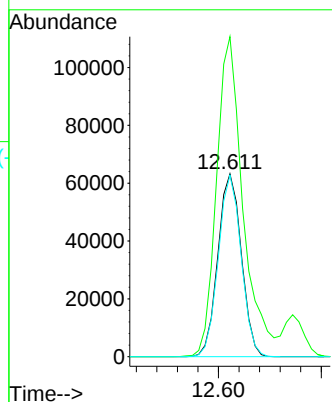
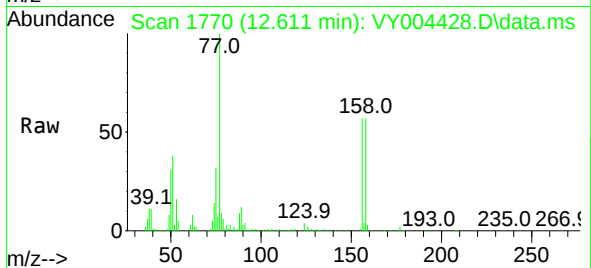




#77  
Bromobenzene  
Concen: 50.52 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

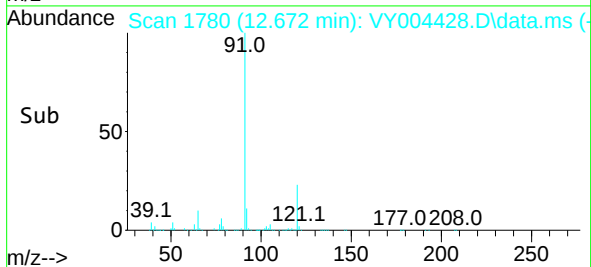
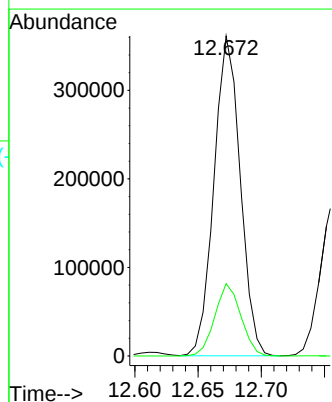
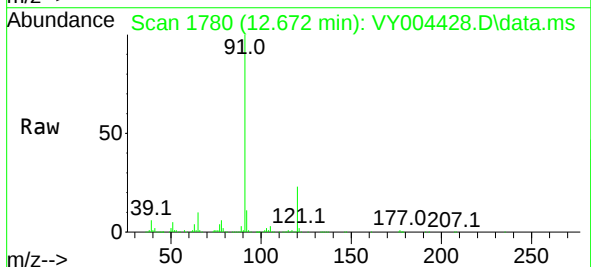
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

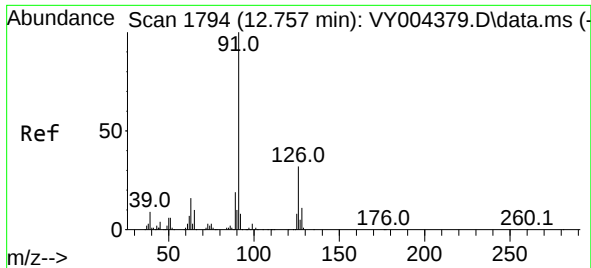
Tgt Ion:156 Resp: 100011  
Ion Ratio Lower Upper  
156 100  
77 196.8 98.6 295.7  
158 96.7 48.4 145.2



#78  
n-propylbenzene  
Concen: 49.91 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 91 Resp: 520818  
Ion Ratio Lower Upper  
91 100  
120 22.4 11.5 34.4

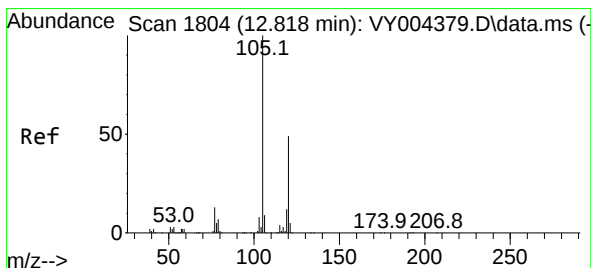
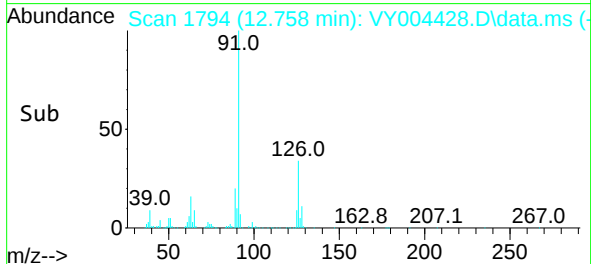
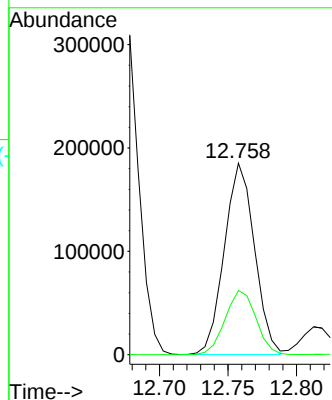
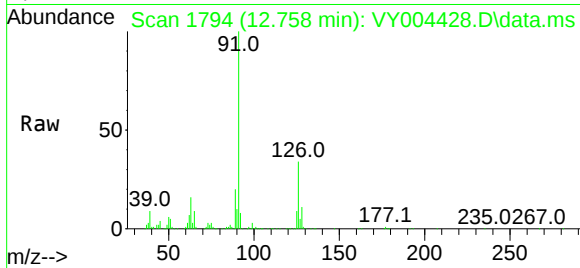




#79  
2-Chlorotoluene  
Concen: 49.76 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

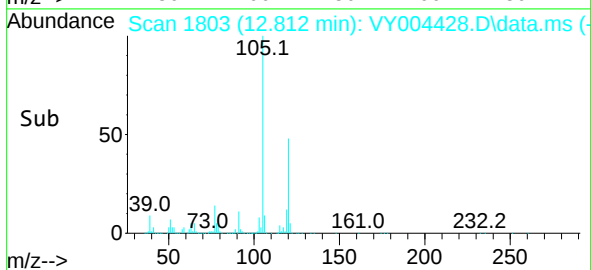
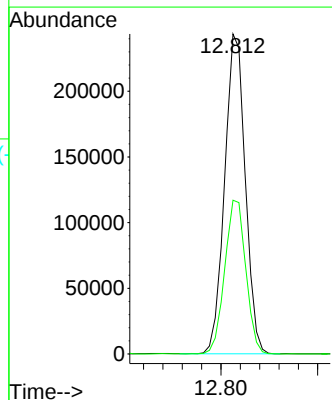
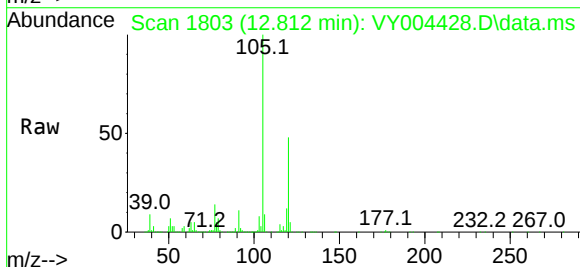
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

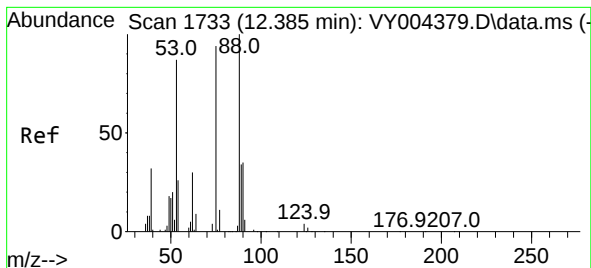
Tgt Ion: 91 Resp: 283978  
Ion Ratio Lower Upper  
91 100  
126 34.3 16.7 50.1



#80  
1,3,5-Trimethylbenzene  
Concen: 50.07 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.006 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 105 Resp: 359478  
Ion Ratio Lower Upper  
105 100  
120 49.2 24.6 74.0

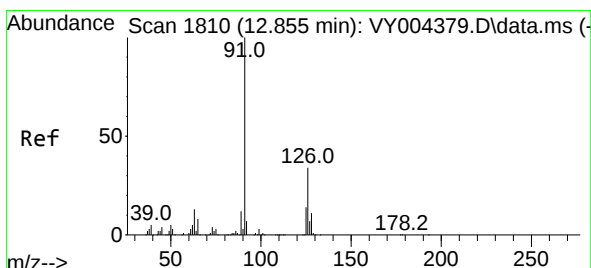
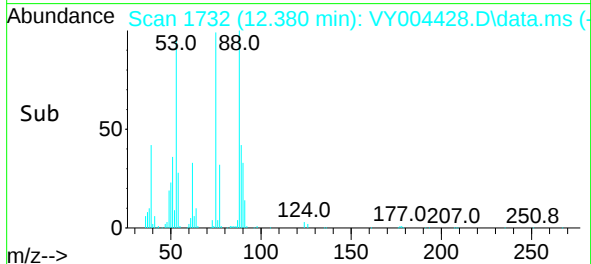
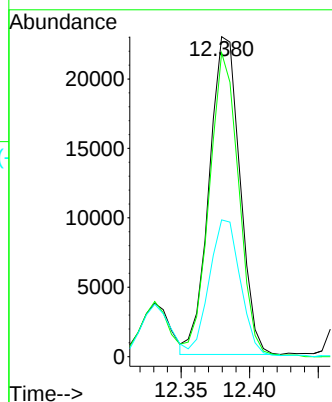
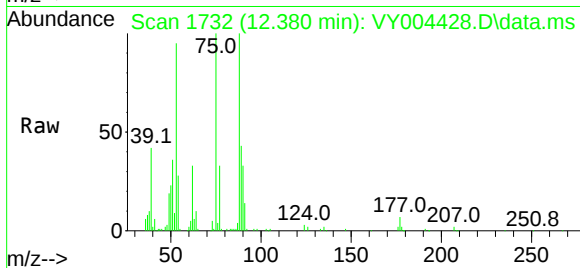




#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.08 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. -0.006 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

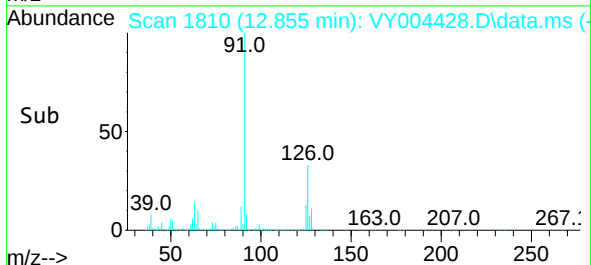
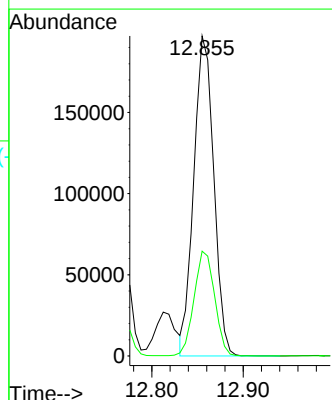
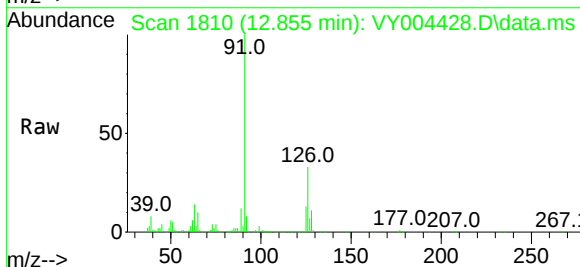
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

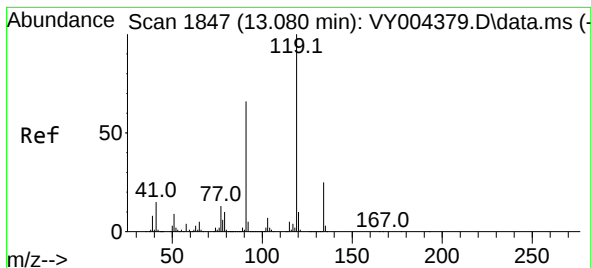
Tgt Ion: 75 Resp: 35718  
Ion Ratio Lower Upper  
75 100  
53 91.9 75.0 112.6  
89 42.9 36.1 54.1



#82  
4-Chlorotoluene  
Concen: 49.73 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 91 Resp: 299697  
Ion Ratio Lower Upper  
91 100  
126 33.8 16.9 50.7

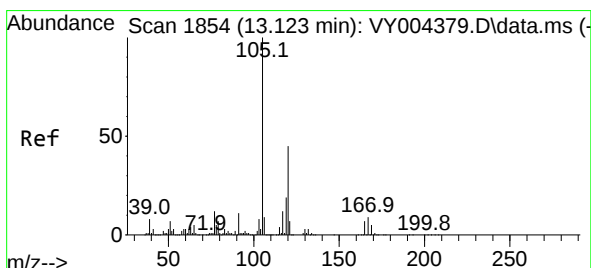
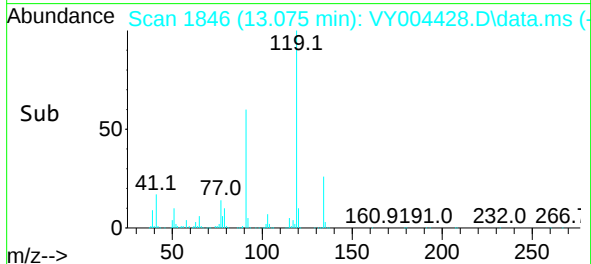
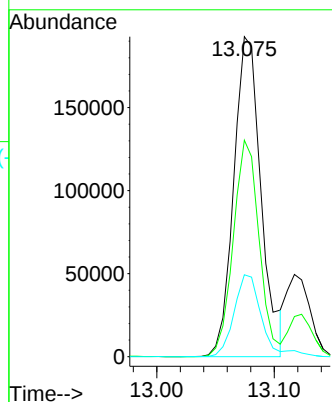
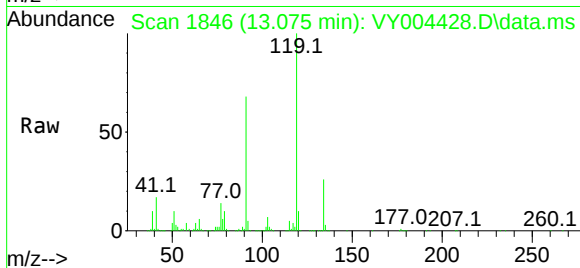




#83  
tert-Butylbenzene  
Concen: 50.69 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. -0.006 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

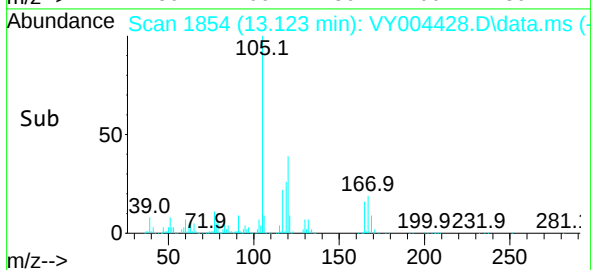
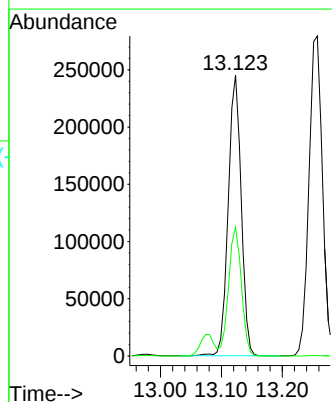
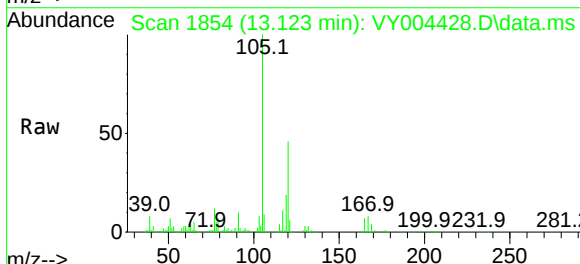
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

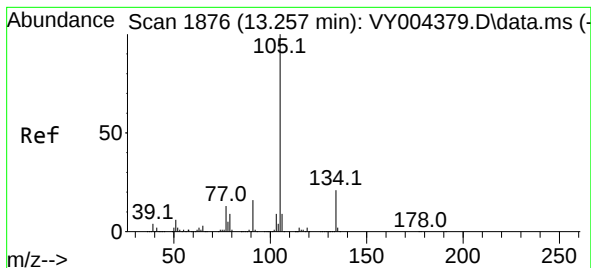
Tgt Ion:119 Resp: 311468  
Ion Ratio Lower Upper  
119 100  
91 64.1 32.6 98.0  
134 25.9 12.9 38.6



#84  
1,2,4-Trimethylbenzene  
Concen: 49.93 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion:105 Resp: 361728  
Ion Ratio Lower Upper  
105 100  
120 45.5 22.4 67.3

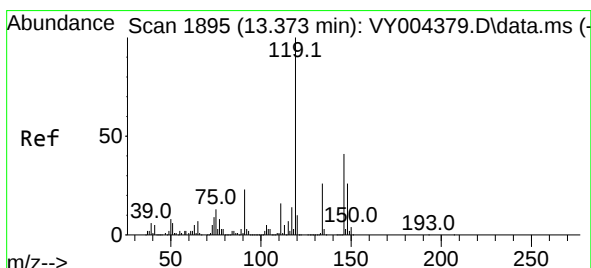
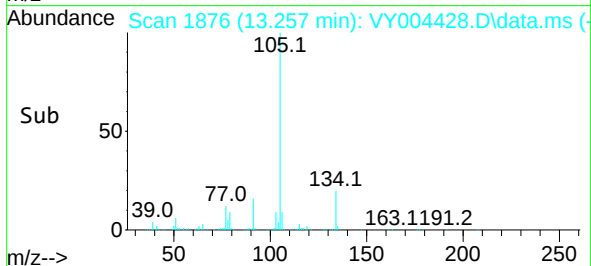
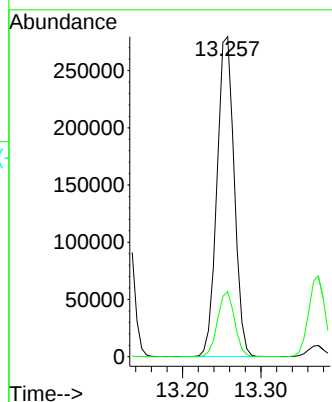
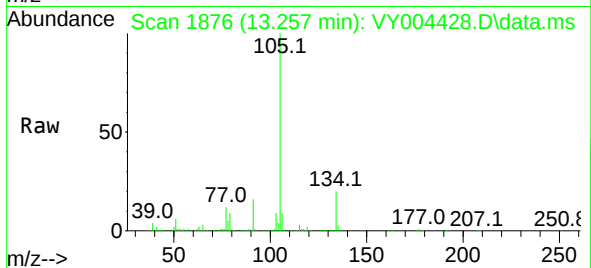




#85  
 sec-Butylbenzene  
 Concen: 49.92 ug/l  
 RT: 13.257 min Scan# 1876  
 Delta R.T. 0.000 min  
 Lab File: VY004428.D  
 Acq: 14 Apr 2021 17:45

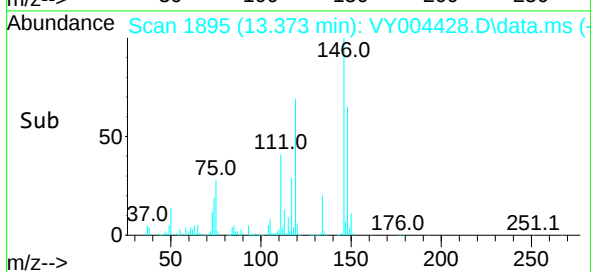
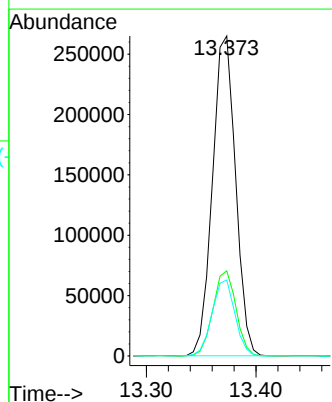
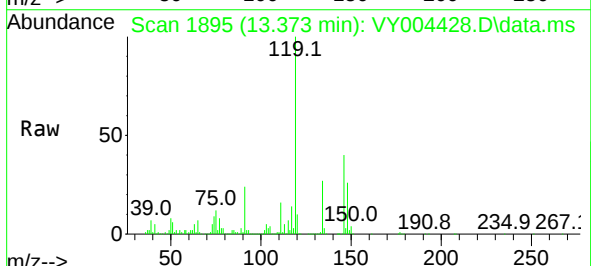
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

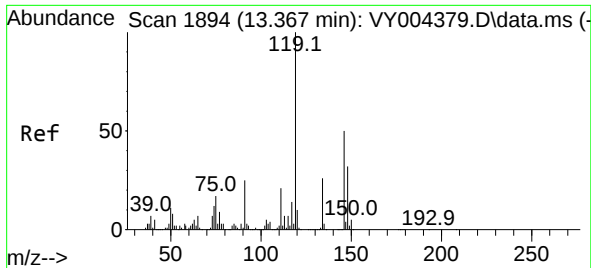
Tgt Ion:105 Resp: 427920  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 10.1 30.3



#86  
 p-Isopropyltoluene  
 Concen: 49.80 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.000 min  
 Lab File: VY004428.D  
 Acq: 14 Apr 2021 17:45

Tgt Ion:119 Resp: 388317  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.3 39.8  
 91 23.5 11.9 35.7

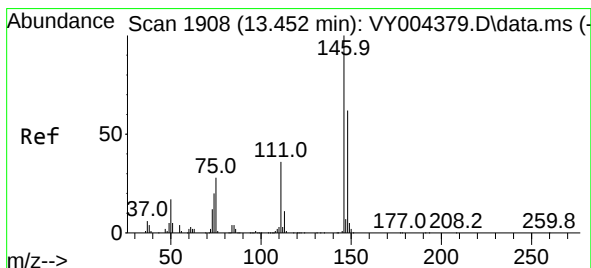
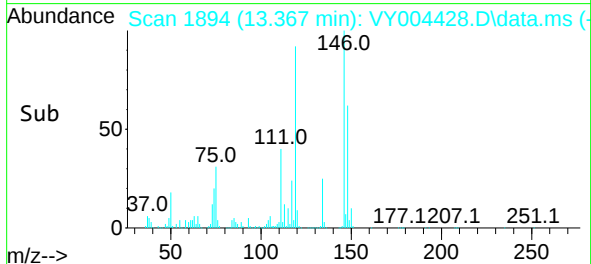
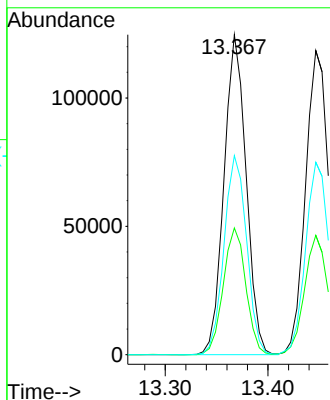
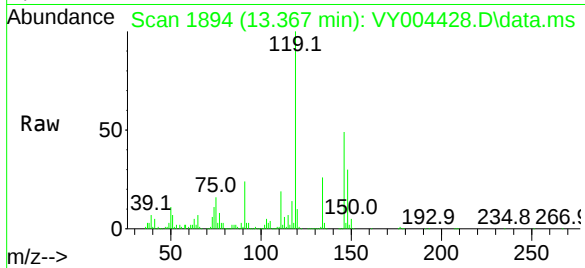




#87  
1,3-Dichlorobenzene  
Concen: 50.38 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

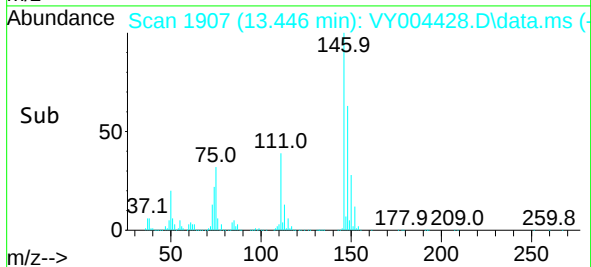
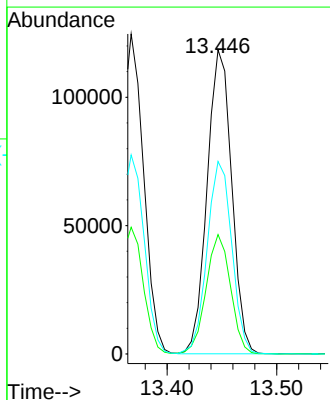
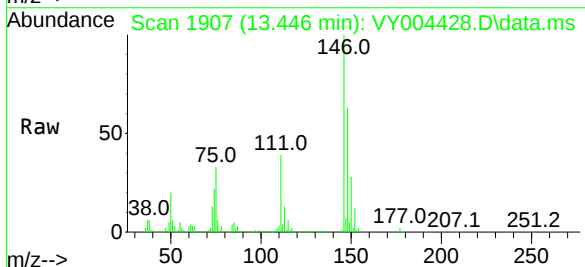
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

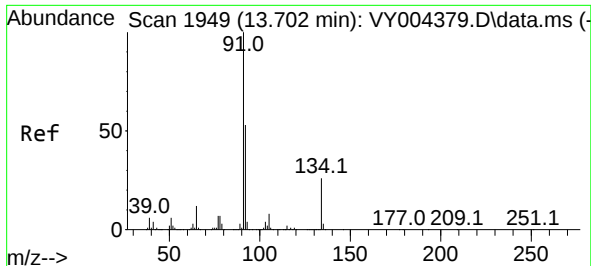
Tgt Ion:146 Resp: 186300  
Ion Ratio Lower Upper  
146 100  
111 40.2 20.4 61.2  
148 63.7 32.1 96.5



#88  
1,4-Dichlorobenzene  
Concen: 49.60 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. -0.006 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion:146 Resp: 184605  
Ion Ratio Lower Upper  
146 100  
111 39.1 19.6 58.8  
148 63.7 31.9 95.5

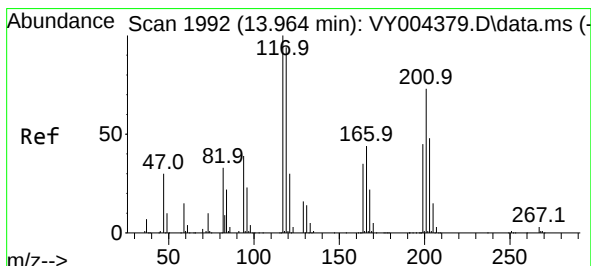
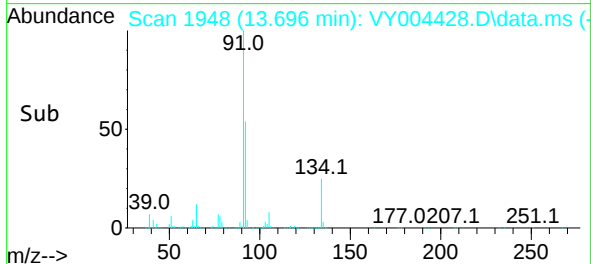
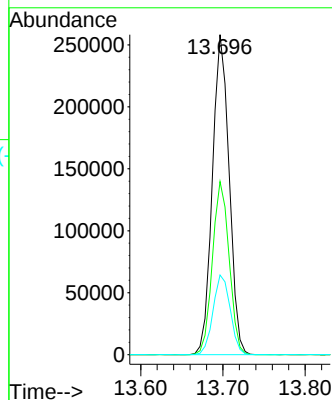
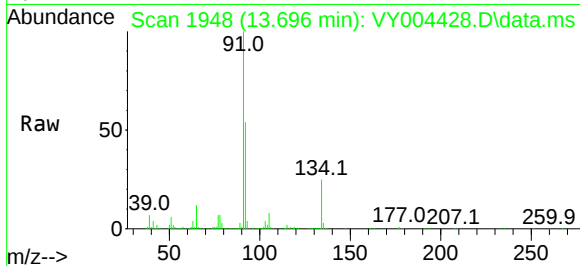




#89  
n-Butylbenzene  
Concen: 49.19 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

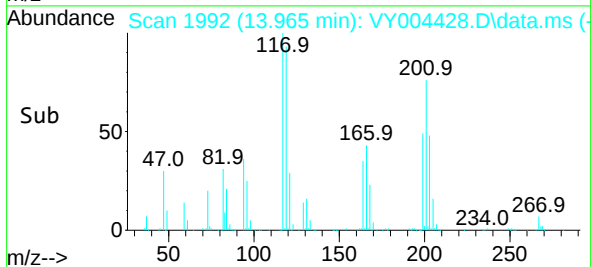
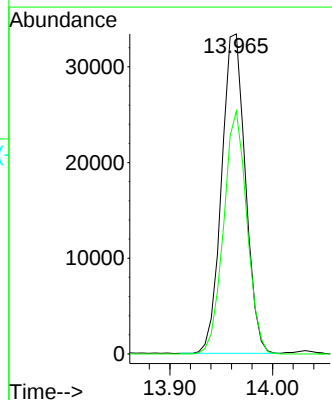
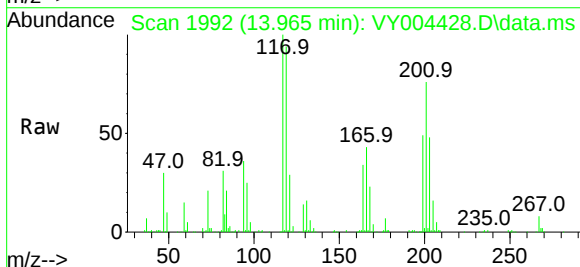
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

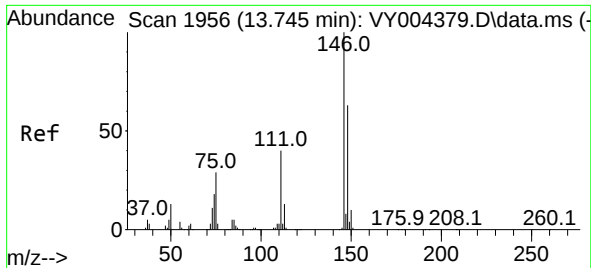
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 366101 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 53.8  | 26.6  | 79.8   |
| 134      | 25.5  | 12.7  | 38.1   |



#90  
Hexachloroethane  
Concen: 51.24 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 53597 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 74.5  | 36.6  | 109.9 |

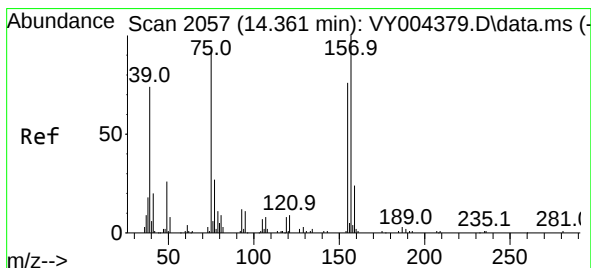
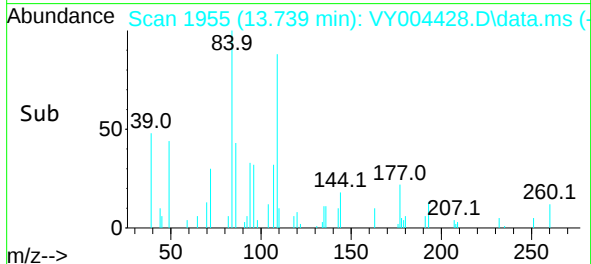
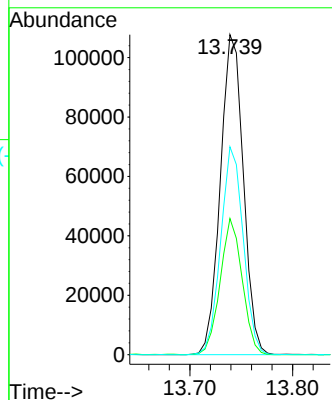
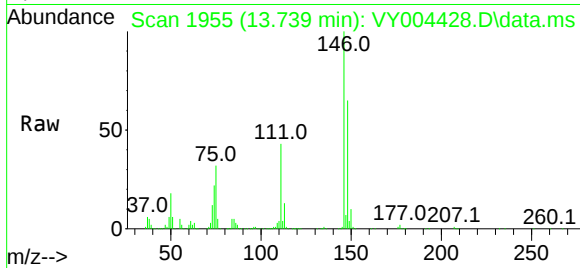




#91  
1,2-Dichlorobenzene  
Concen: 50.93 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.006 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

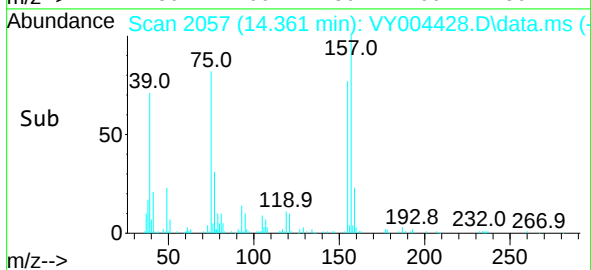
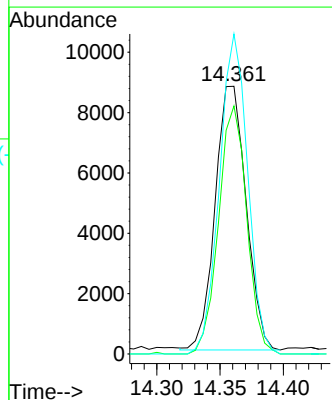
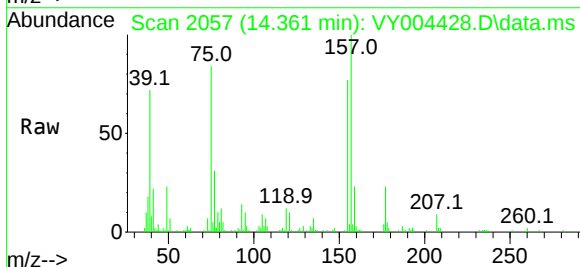
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

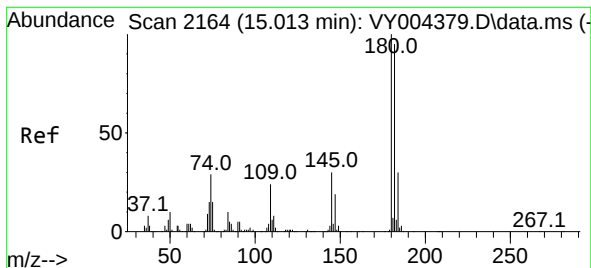
Tgt Ion:146 Resp: 167155  
Ion Ratio Lower Upper  
146 100  
111 40.8 20.9 62.7  
148 63.7 31.9 95.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 49.68 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion: 75 Resp: 14896  
Ion Ratio Lower Upper  
75 100  
155 85.3 40.6 121.8  
157 110.5 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 48.90 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY004428.D

Acq: 14 Apr 2021 17:45

Tgt Ion:180 Resp: 106134

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.8

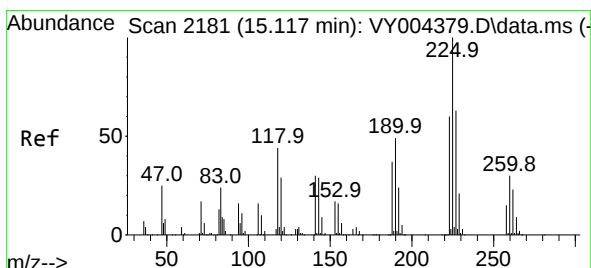
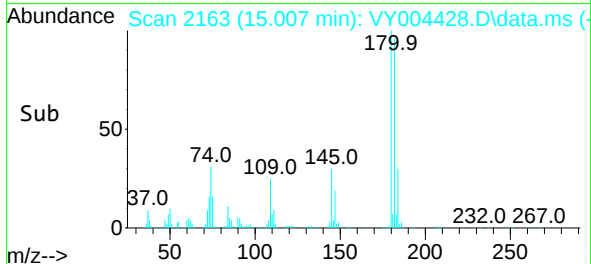
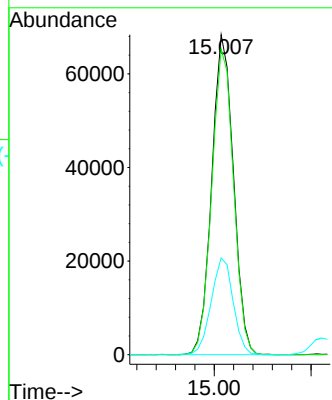
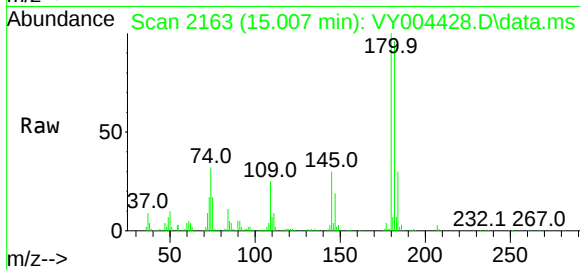
145 30.8 15.5 46.5

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC



#94

Hexachlorobutadiene

Concen: 50.08 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY004428.D

Acq: 14 Apr 2021 17:45

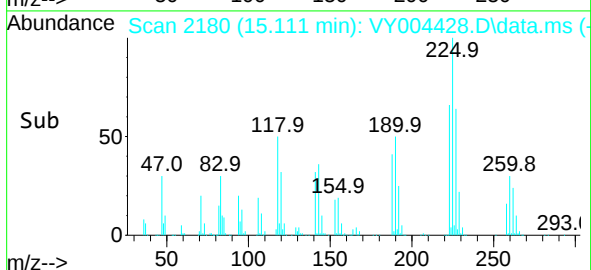
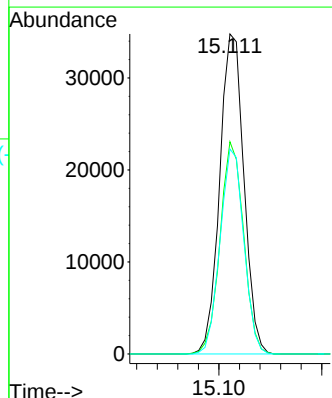
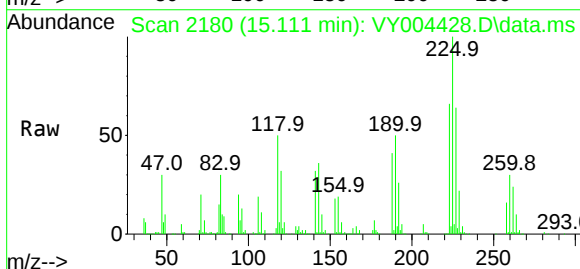
Tgt Ion:225 Resp: 56739

Ion Ratio Lower Upper

225 100

223 64.6 31.3 93.9

227 62.7 32.2 96.6

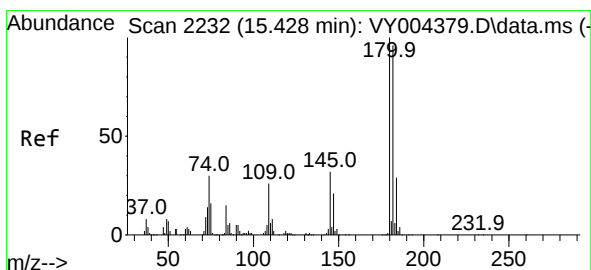
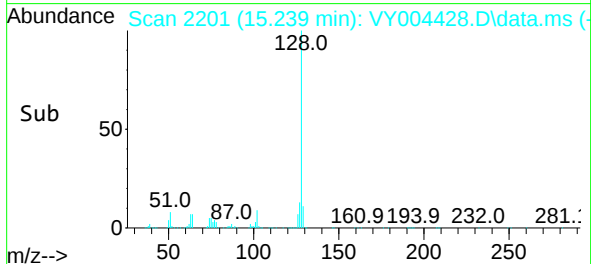
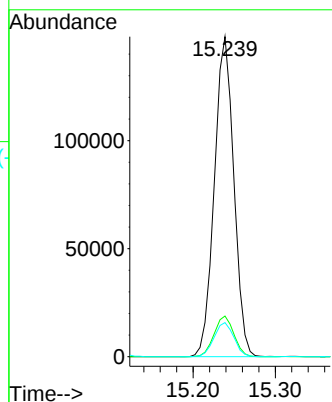
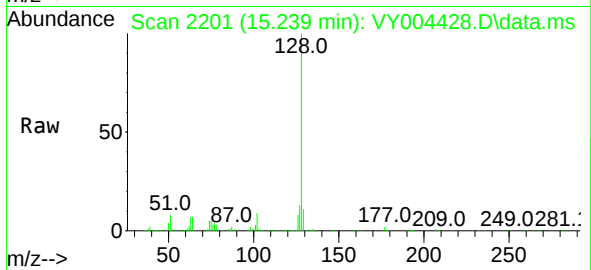




#95  
Naphthalene  
Concen: 51.69 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 243855  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.2 15.2  
129 10.9 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 49.45 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.000 min  
Lab File: VY004428.D  
Acq: 14 Apr 2021 17:45

Tgt Ion:180 Resp: 94677  
Ion Ratio Lower Upper  
180 100  
182 96.1 47.6 142.8  
145 33.4 16.3 48.8

