

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070821\  
 Data File : VY005386.D  
 Acq On : 08 Jul 2021 14:46  
 Operator : SY/MD  
 Sample : VSTDICCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Jul 09 06:44:42 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y070821S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 09 06:42:04 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.795  | 168  | 311617   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 452233   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 422077   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 225398   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 143548   | 55.010   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 110.020% |      |
| 35) Dibromofluoromethane    | 7.722  | 113   | 129249   | 49.206   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 98.420%  |      |
| 50) Toluene-d8              | 10.185 | 98    | 545865   | 51.631   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 103.260% |      |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 183845   | 51.967   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 103.940% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 99995   | 48.615  | ug/l   | 100 |
| 3) Chloromethane             | 2.113 | 50  | 125988  | 46.112  | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.253 | 62  | 155351  | 49.621  | ug/l   | 100 |
| 5) Bromomethane              | 2.650 | 94  | 106804  | 52.728  | ug/l   | 100 |
| 6) Chloroethane              | 2.790 | 64  | 101868  | 49.338  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.125 | 101 | 222191  | 52.550  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.534 | 74  | 79183   | 50.425  | ug/l   | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 3.899 | 101 | 127769  | 50.015  | ug/l   | 100 |
| 10) Methyl Iodide            | 4.094 | 142 | 158846  | 44.570  | ug/l   | 100 |
| 11) Tert butyl alcohol       | 4.966 | 59  | 81097   | 163.826 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 3.875 | 96  | 129322  | 49.994  | ug/l   | 100 |
| 13) Acrolein                 | 3.735 | 56  | 67655   | 441.497 | ug/l   | 100 |
| 14) Allyl chloride           | 4.485 | 41  | 195427  | 52.206  | ug/l   | 100 |
| 15) Acrylonitrile            | 5.174 | 53  | 188636  | 258.627 | ug/l   | 100 |
| 16) Acetone                  | 3.954 | 43  | 161194  | 265.918 | ug/l   | 100 |
| 17) Carbon Disulfide         | 4.198 | 76  | 373252  | 46.512  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.485 | 43  | 78700   | 49.225  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 5.228 | 73  | 377873  | 52.924  | ug/l   | 100 |
| 20) Methylene Chloride       | 4.722 | 84  | 203360  | 46.506  | ug/l   | 100 |
| 21) trans-1,2-Dichloroethene | 5.222 | 96  | 146308  | 50.698  | ug/l   | 100 |
| 22) Diisopropyl ether        | 6.131 | 45  | 409092  | 52.507  | ug/l   | 100 |
| 23) Vinyl Acetate            | 6.070 | 43  | 1332846 | 264.865 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 6.027 | 63  | 247227  | 51.355  | ug/l   | 100 |
| 25) 2-Butanone               | 6.996 | 43  | 233480  | 265.191 | ug/l   | 100 |
| 26) 2,2-Dichloropropane      | 6.990 | 77  | 229254  | 54.024  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 6.990 | 96  | 170189  | 52.187  | ug/l   | 100 |
| 28) Bromochloromethane       | 7.338 | 49  | 101564  | 53.149  | ug/l   | 100 |
| 29) Tetrahydrofuran          | 7.356 | 42  | 153507  | 265.091 | ug/l   | 100 |
| 30) Chloroform               | 7.508 | 83  | 264810  | 53.516  | ug/l   | 100 |
| 31) Cyclohexane              | 7.789 | 56  | 228739  | 49.373  | ug/l   | 100 |
| 32) 1,1,1-Trichloroethane    | 7.710 | 97  | 240030  | 54.336  | ug/l   | 100 |
| 36) 1,1-Dichloropropene      | 7.923 | 75  | 201967  | 50.588  | ug/l   | 100 |
| 37) Ethyl Acetate            | 7.088 | 43  | 102122  | 49.984  | ug/l   | 100 |
| 38) Carbon Tetrachloride     | 7.905 | 117 | 225877  | 53.458  | ug/l   | 100 |
| 39) Methylcyclohexane        | 9.185 | 83  | 259148  | 50.431  | ug/l   | 100 |
| 40) Benzene                  | 8.167 | 78  | 597480  | 50.733  | ug/l   | 100 |

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 Sample : VSTDICCC050  
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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Jul 09 06:44:42 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y070821S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 09 06:42:04 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.350  | 41   | 143487   | 130.215  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 175204   | 53.972   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.277  | 43   | 190699   | 50.497   | ug/l   | 100      |
| 44) Trichloroethene           | 8.941  | 130  | 168729   | 50.784   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 142384   | 50.565   | ug/l   | 100      |
| 46) Dibromomethane            | 9.307  | 93   | 80611    | 49.424   | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.502  | 83   | 202603   | 52.416   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.295  | 41   | 90463    | 53.892   | ug/l   | 100      |
| 49) 1,4-Dioxane               | 9.301  | 88   | 26303    | 1187.089 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 529729   | 265.801  | ug/l   | 100      |
| 52) Toluene                   | 10.246 | 92   | 395283   | 52.228   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 225575   | 53.106   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 246477   | 51.850   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 122900   | 51.221   | ug/l   | 100      |
| 56) Ethyl methacrylate        | 10.514 | 69   | 172652   | 53.114   | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 210370   | 52.241   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 348772   | 245.960  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.837 | 43   | 377830   | 274.646  | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.990 | 129  | 152611   | 51.946   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 116203   | 50.120   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.721 | 164  | 153087   | 49.398   | ug/l   | 100      |
| 65) Chlorobenzene             | 11.520 | 112  | 435746   | 51.768   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 163022   | 52.120   | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.593 | 91   | 770455   | 52.911   | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.703 | 106  | 613117   | 105.292  | ug/l   | 100      |
| 69) o-Xylene                  | 12.032 | 106  | 293805   | 53.215   | ug/l   | 100      |
| 70) Styrene                   | 12.044 | 104  | 504255   | 54.171   | ug/l   | 100      |
| 71) Bromoform                 | 12.209 | 173  | 105249   | 50.044   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.331 | 105  | 771676   | 52.437   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.148 | 43   | 184997   | 53.068   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 143590   | 49.822   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 193959   | 97.116   | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 189366   | 49.082   | ug/l   | 100      |
| 78) n-propylbenzene           | 12.672 | 91   | 914265   | 52.651   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 510004   | 52.099   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 647083   | 53.056   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 53962    | 50.396   | ug/l   | 100      |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 528618   | 52.164   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.075 | 119  | 572313   | 52.910   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 646901   | 53.531   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.257 | 105  | 848108   | 53.585   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 736458   | 53.865   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 379504   | 51.035   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 374334   | 50.932   | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.696 | 91   | 656743   | 54.488   | ug/l   | 100      |
| 90) Hexachloroethane          | 13.965 | 117  | 130818   | 53.056   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 334832   | 50.843   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 24942    | 51.523   | ug/l   | 100      |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 223919   | 48.746   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 143038   | 49.730   | ug/l   | 100      |
| 95) Naphthalene               | 15.239 | 128  | 436302   | 51.238   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 194503   | 48.295   | ug/l   | 100      |

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Sample : VSTDICCC050  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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Quant Title : SW846 8260  
QLast Update : Fri Jul 09 06:42:04 2021  
Response via : Initial Calibration

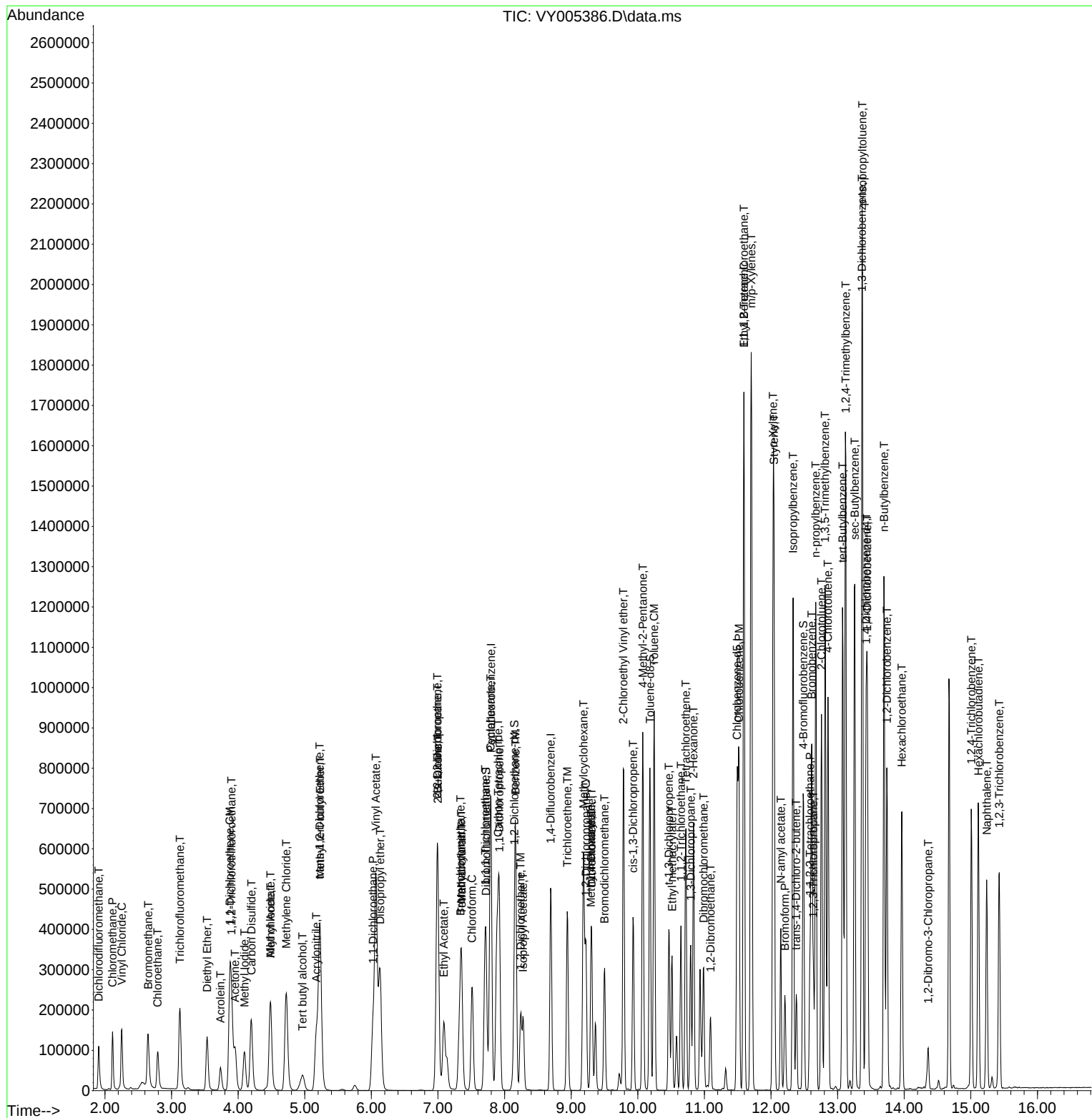
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

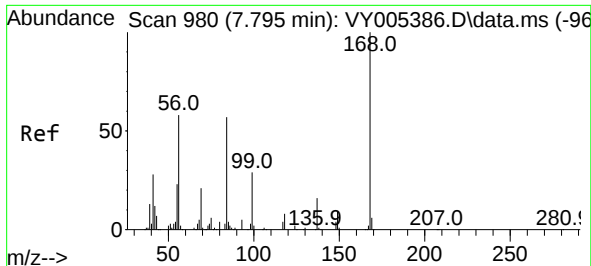
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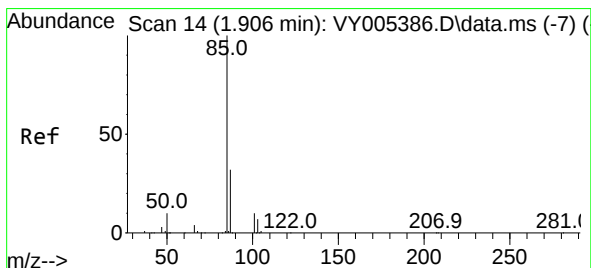
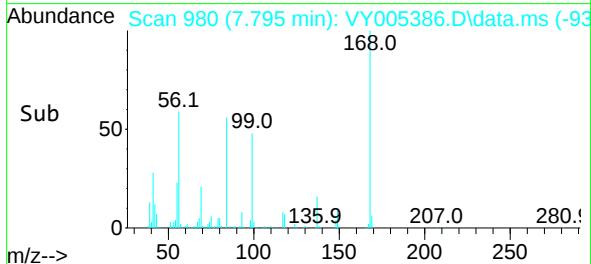
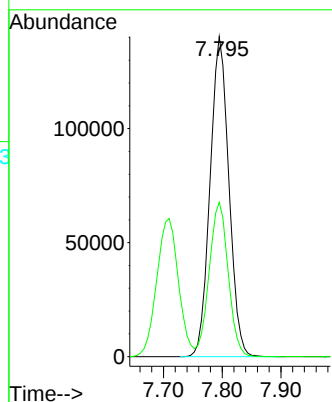
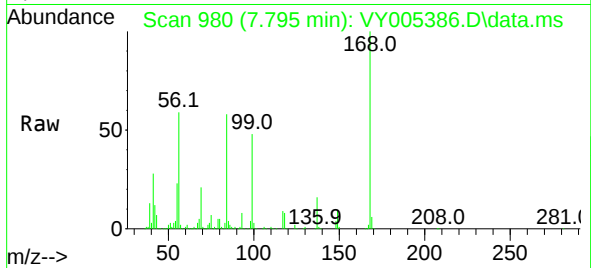




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

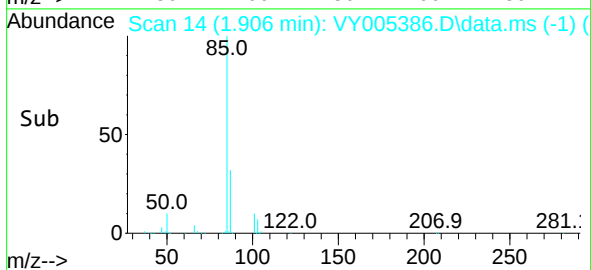
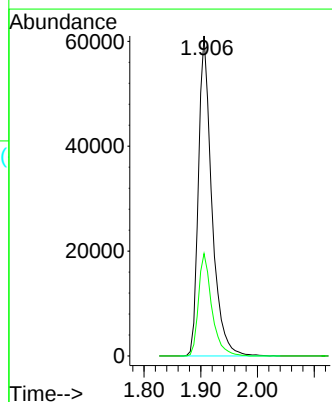
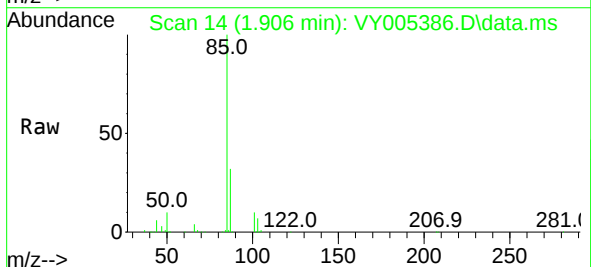
Instrument :  
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ClientSampleId :  
VSTDICCC050

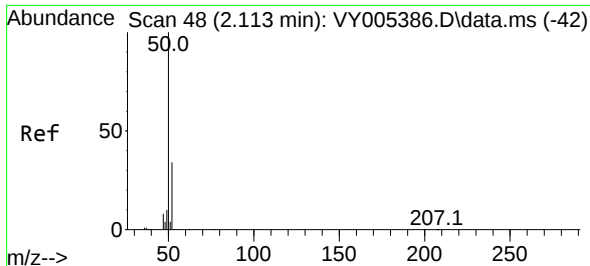
Tgt Ion:168 Resp: 311617  
Ion Ratio Lower Upper  
168 100  
99 48.3 38.6 58.0



#2  
Dichlorodifluoromethane  
Concen: 48.615 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 85 Resp: 99995  
Ion Ratio Lower Upper  
85 100  
87 32.0 16.0 48.0

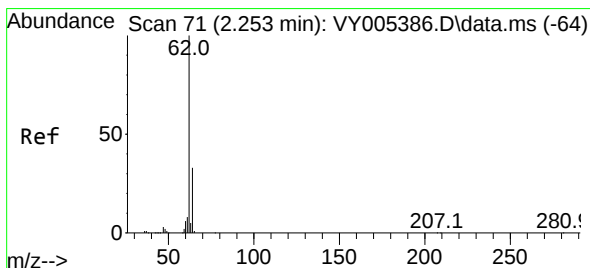
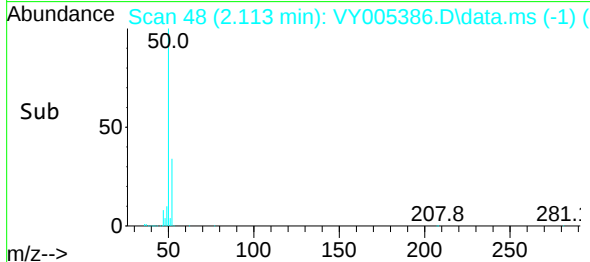
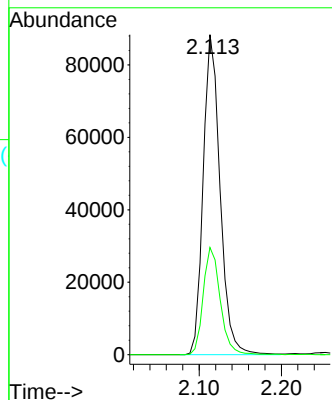
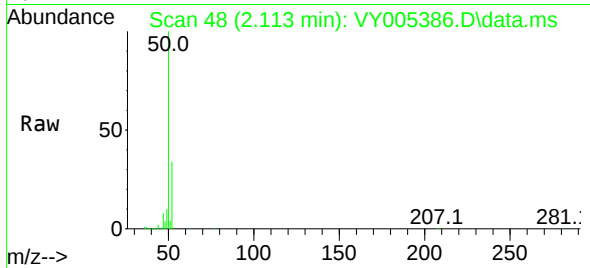




#3  
Chloromethane  
Concen: 46.112 ug/l  
RT: 2.113 min Scan# 48  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

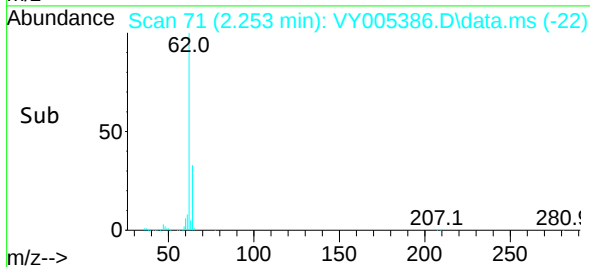
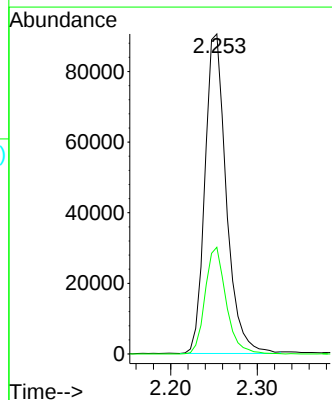
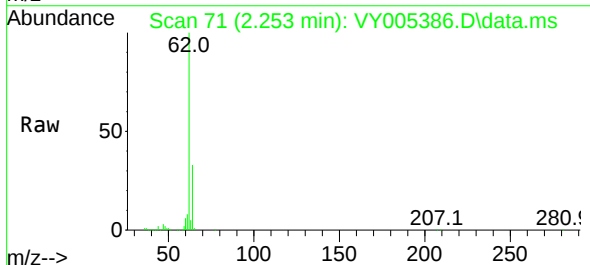
Instrument :  
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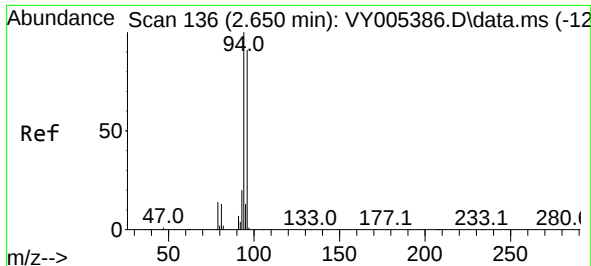
Tgt Ion: 50 Resp: 125988  
Ion Ratio Lower Upper  
50 100  
52 33.5 26.8 40.2



#4  
Vinyl Chloride  
Concen: 49.621 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 62 Resp: 155351  
Ion Ratio Lower Upper  
62 100  
64 33.4 26.7 40.1

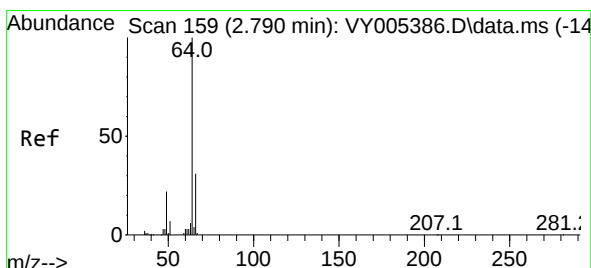
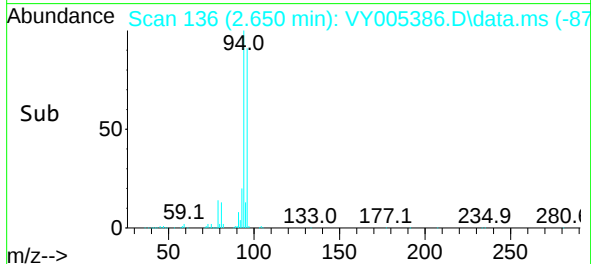
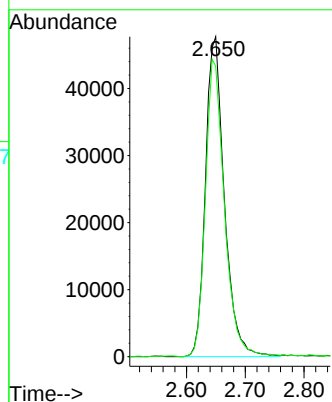
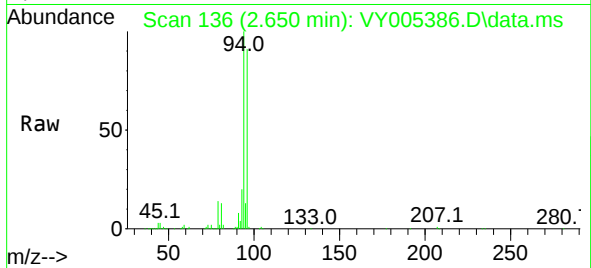




#5  
Bromomethane  
Concen: 52.728 ug/l  
RT: 2.650 min Scan# 136  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

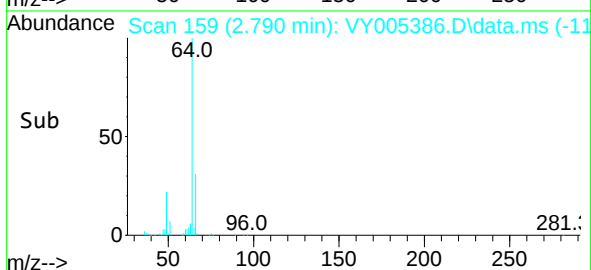
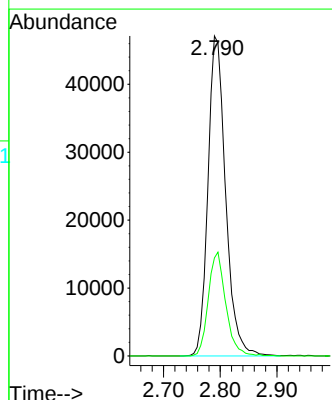
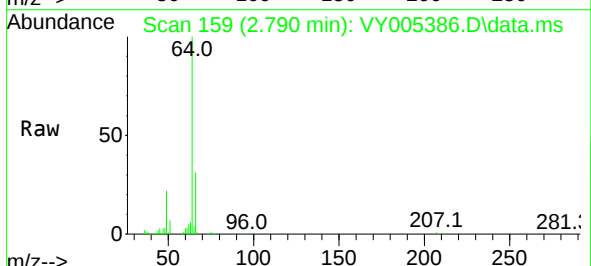
Instrument :  
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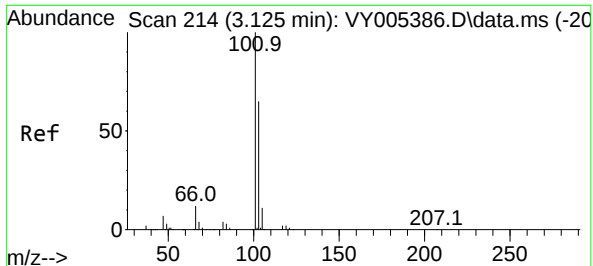
Tgt Ion: 94 Resp: 106804  
Ion Ratio Lower Upper  
94 100  
96 90.7 72.6 108.8



#6  
Chloroethane  
Concen: 49.338 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 64 Resp: 101868  
Ion Ratio Lower Upper  
64 100  
66 30.6 24.5 36.7

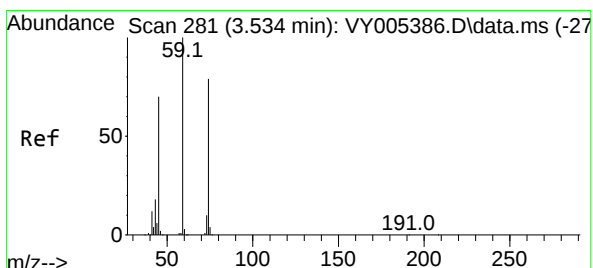
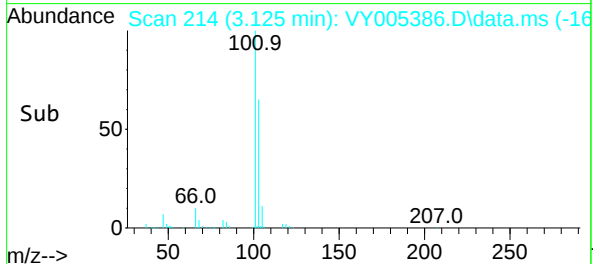
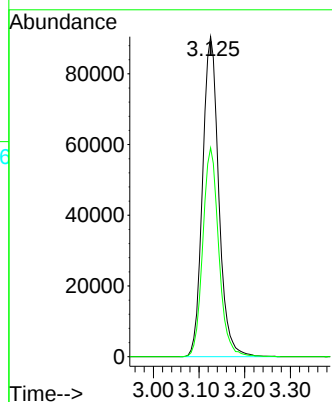
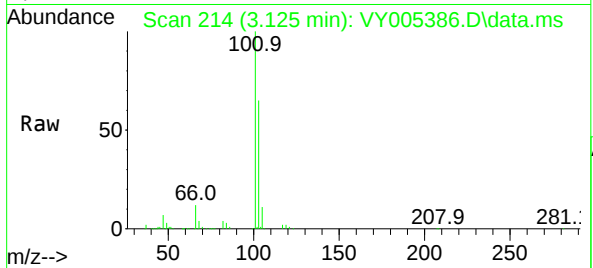




#7  
Trichlorofluoromethane  
Concen: 52.550 ug/l  
RT: 3.125 min Scan# 214  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

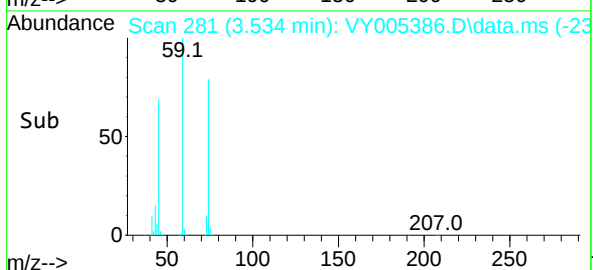
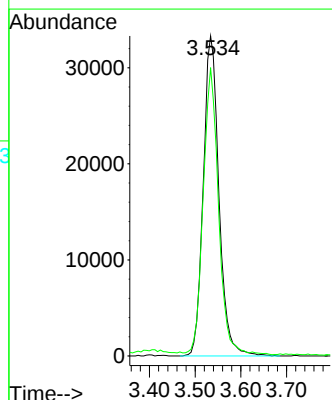
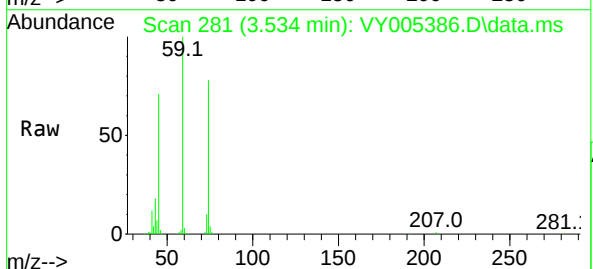
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

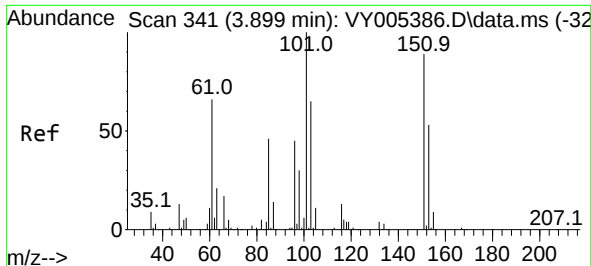
Tgt Ion:101 Resp: 222191  
Ion Ratio Lower Upper  
101 100  
103 65.2 52.2 78.2



#8  
Diethyl Ether  
Concen: 50.425 ug/l  
RT: 3.534 min Scan# 281  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 74 Resp: 79183  
Ion Ratio Lower Upper  
74 100  
45 85.5 42.8 128.3

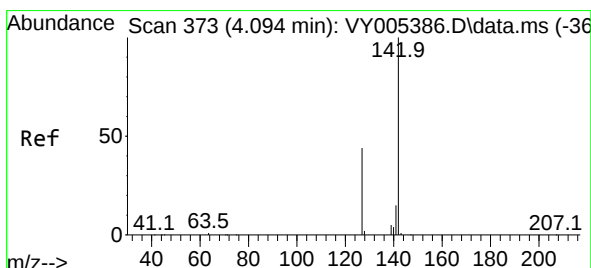
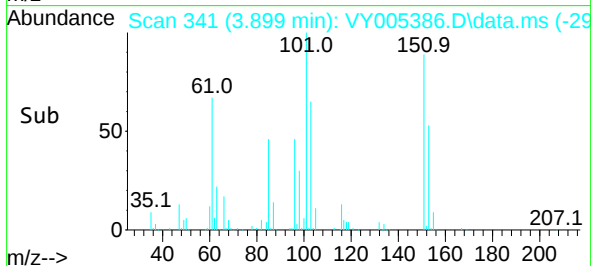
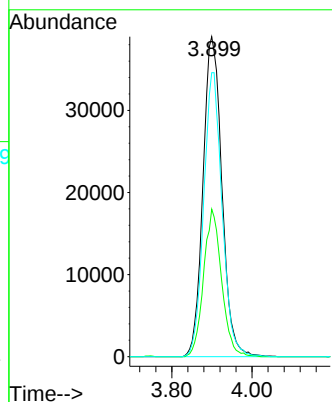
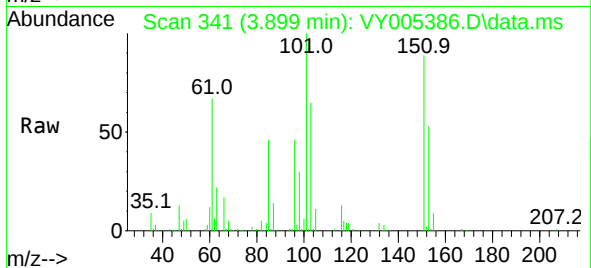




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.015 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

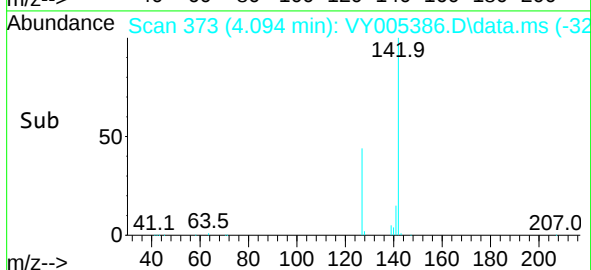
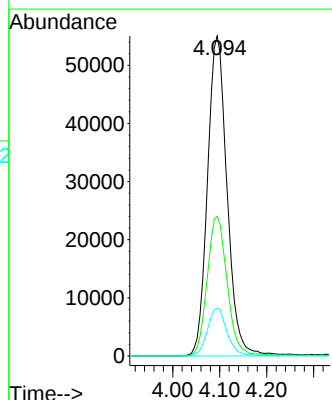
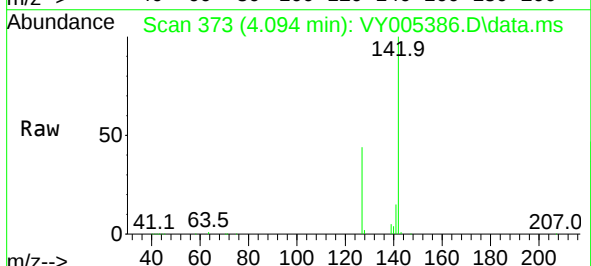
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

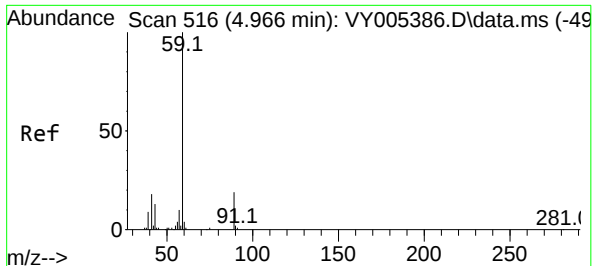
Tgt Ion:101 Resp: 127769  
Ion Ratio Lower Upper  
101 100  
85 43.9 35.1 52.7  
151 86.5 69.2 103.8



#10  
Methyl Iodide  
Concen: 44.570 ug/l  
RT: 4.094 min Scan# 373  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion:142 Resp: 158846  
Ion Ratio Lower Upper  
142 100  
127 44.6 35.7 53.5  
141 14.9 11.9 17.9



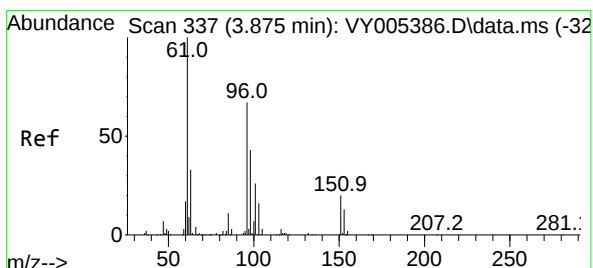
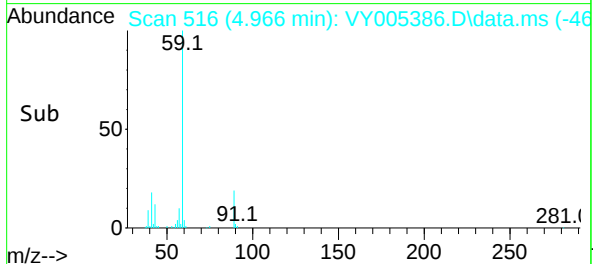
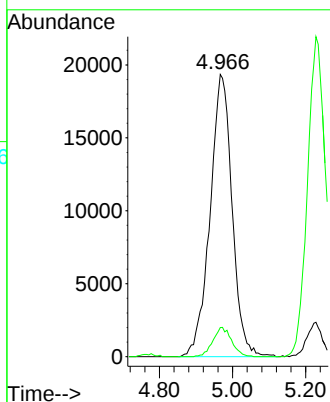
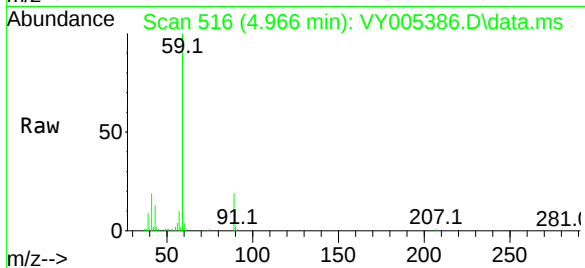


#11

Tert butyl alcohol  
Concen: 163.826 ug/l  
RT: 4.966 min Scan# 516  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

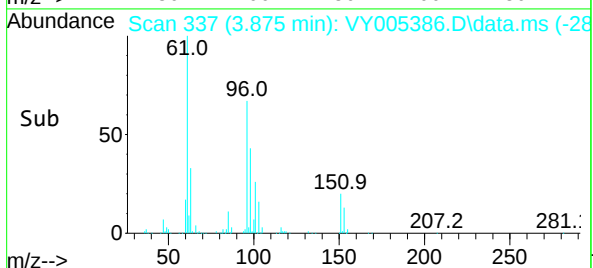
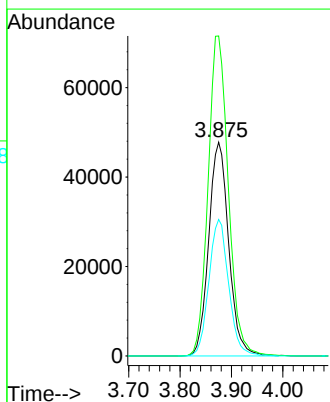
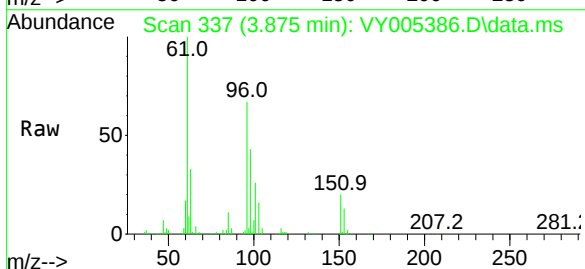
Tgt Ion: 59 Resp: 81097  
Ion Ratio Lower Upper  
59 100  
57 8.9 7.1 10.7

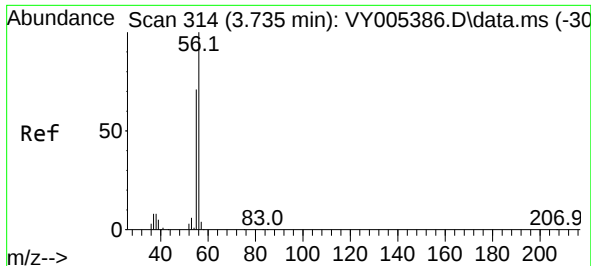


#12

1,1-Dichloroethene  
Concen: 49.994 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 96 Resp: 129322  
Ion Ratio Lower Upper  
96 100  
61 149.7 119.8 179.6  
98 63.9 51.1 76.7

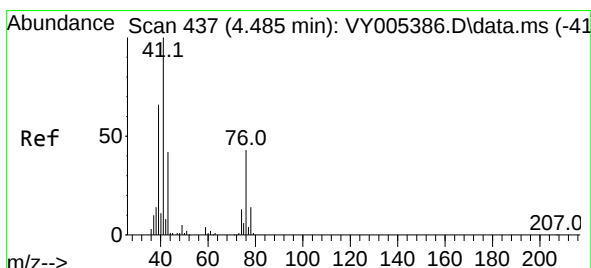
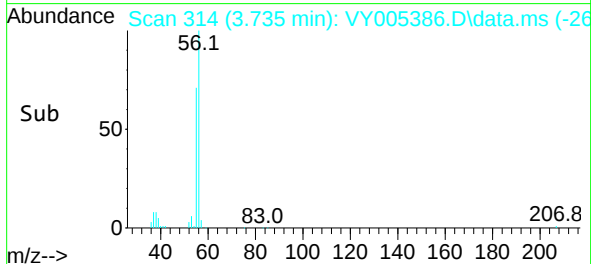
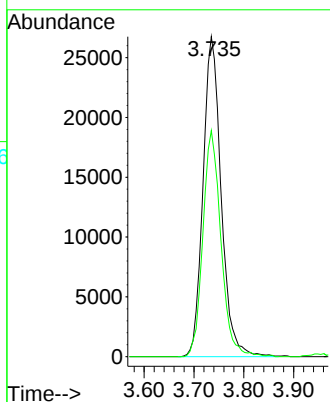
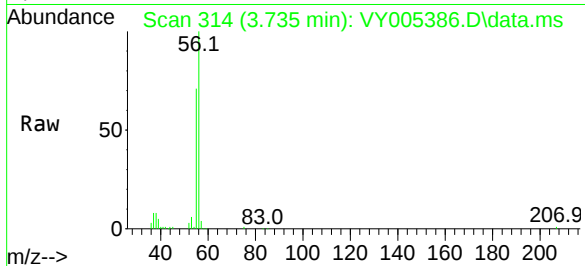




#13  
Acrolein  
Concen: 441.497 ug/l  
RT: 3.735 min Scan# 314  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

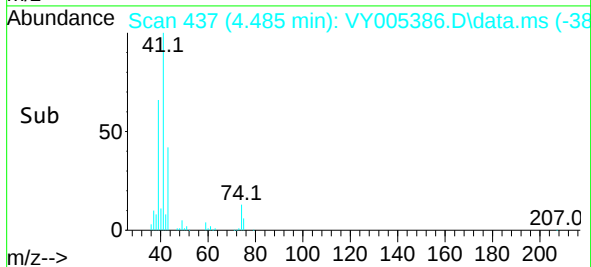
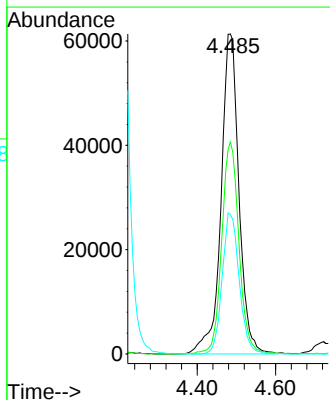
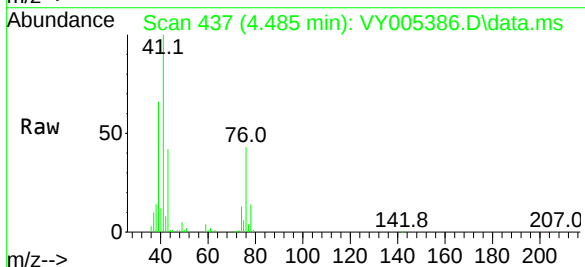
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

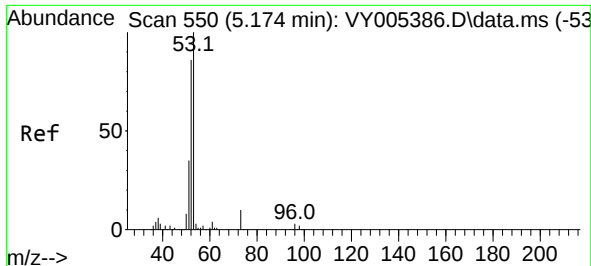
Tgt Ion: 56 Resp: 67655  
Ion Ratio Lower Upper  
56 100  
55 70.1 56.1 84.1



#14  
Allyl chloride  
Concen: 52.206 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 41 Resp: 195427  
Ion Ratio Lower Upper  
41 100  
39 63.6 50.9 76.3  
76 41.8 33.4 50.2

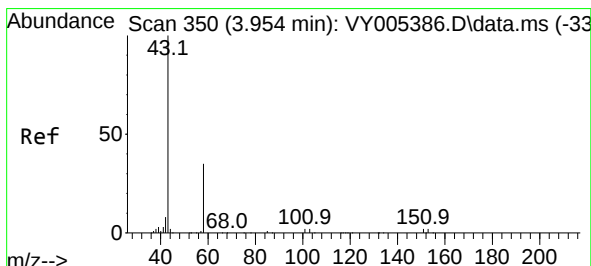
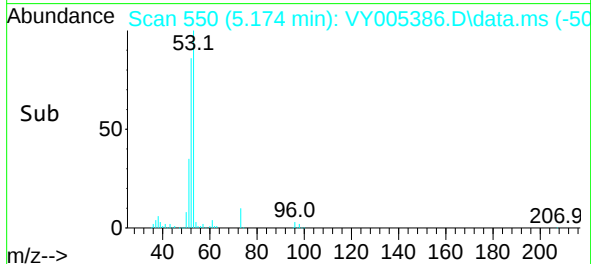
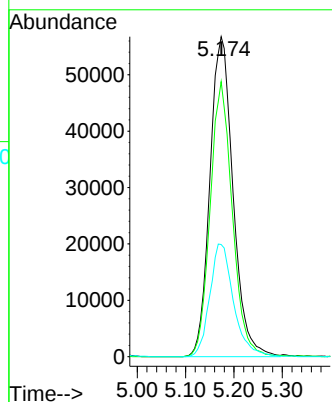
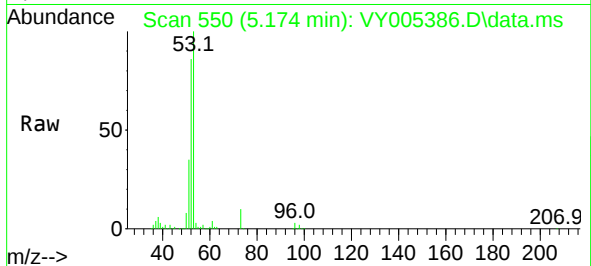




#15  
Acrylonitrile  
Concen: 258.627 ug/l  
RT: 5.174 min Scan# 550  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

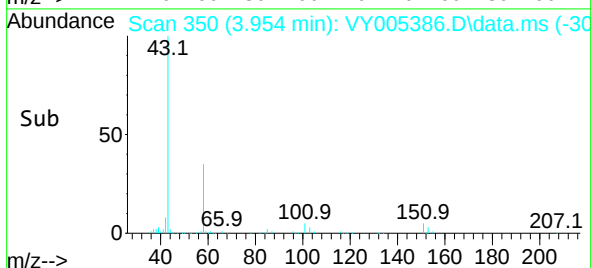
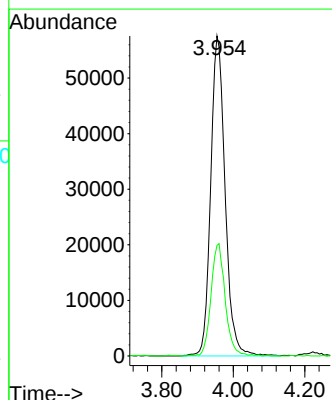
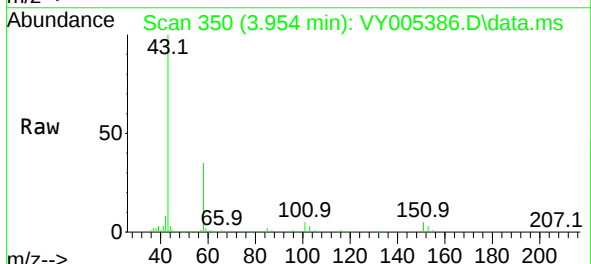
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

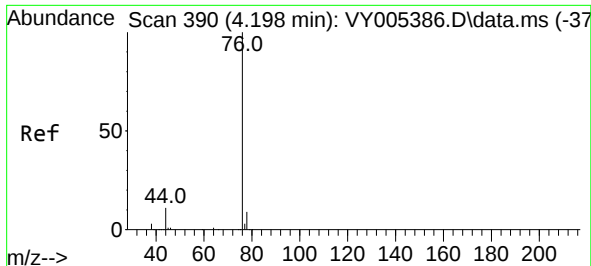
Tgt Ion: 53 Resp: 188636  
Ion Ratio Lower Upper  
53 100  
52 82.3 65.8 98.8  
51 36.3 29.0 43.6



#16  
Acetone  
Concen: 265.918 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 43 Resp: 161194  
Ion Ratio Lower Upper  
43 100  
58 34.5 27.6 41.4

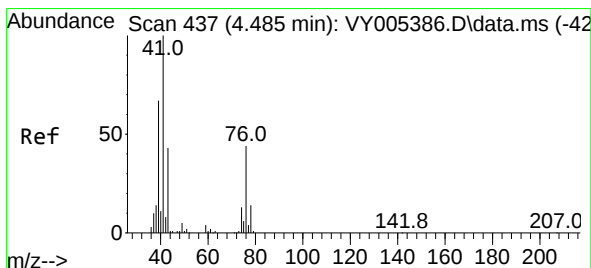
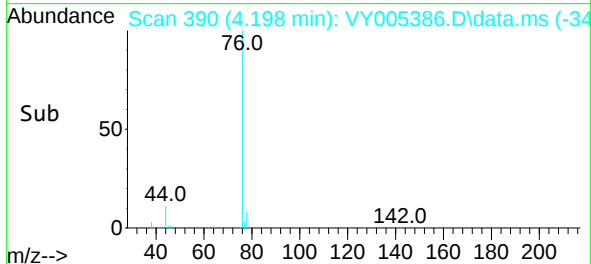
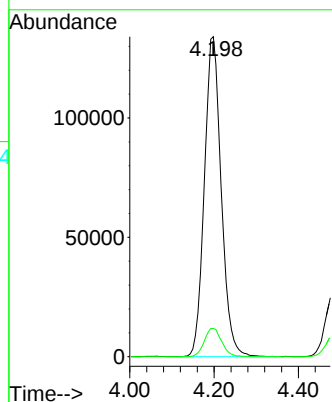
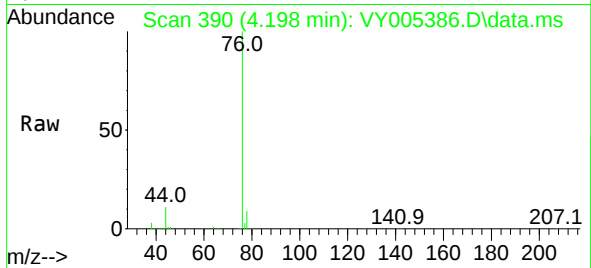




#17  
Carbon Disulfide  
Concen: 46.512 ug/l  
RT: 4.198 min Scan# 390  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

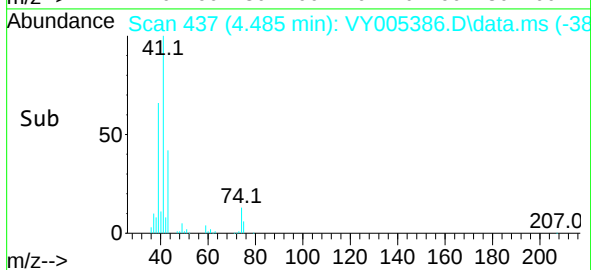
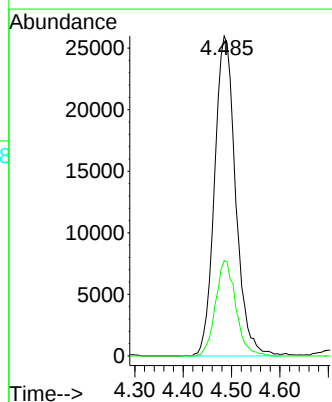
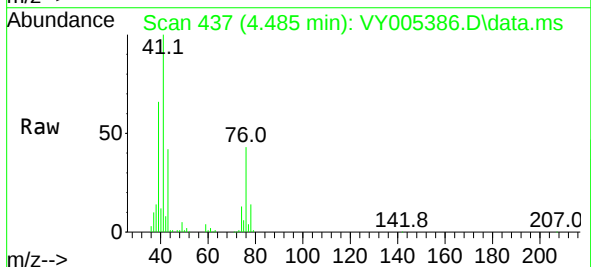
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

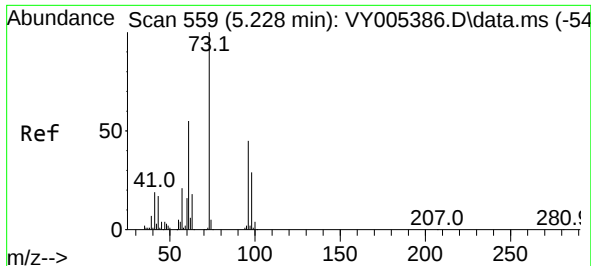
Tgt Ion: 76 Resp: 373252  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.0 10.6



#18  
Methyl Acetate  
Concen: 49.225 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 43 Resp: 78700  
Ion Ratio Lower Upper  
43 100  
74 28.7 23.0 34.4

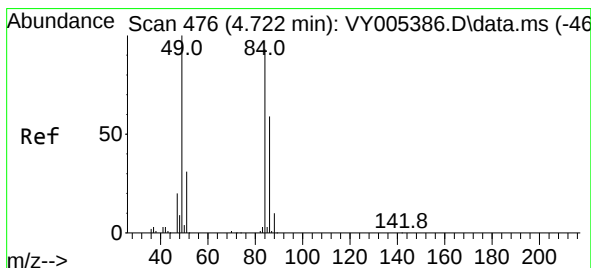
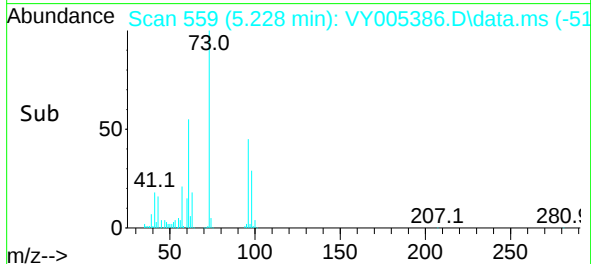
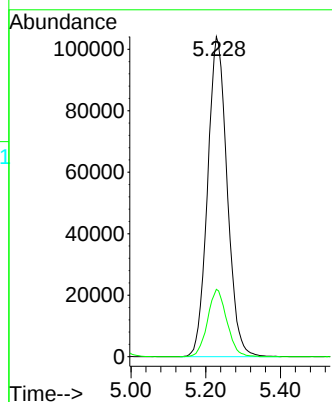
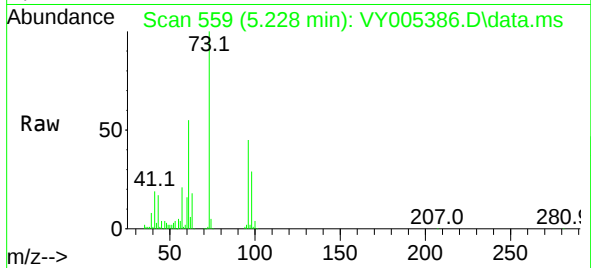




#19  
Methyl tert-butyl Ether  
Concen: 52.924 ug/l  
RT: 5.228 min Scan# 559  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

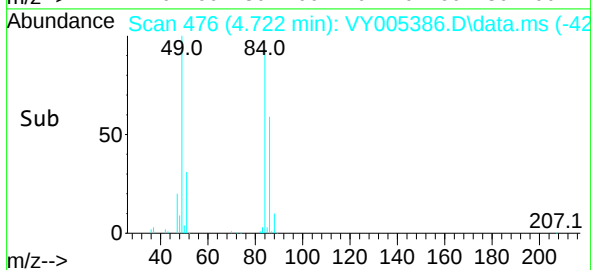
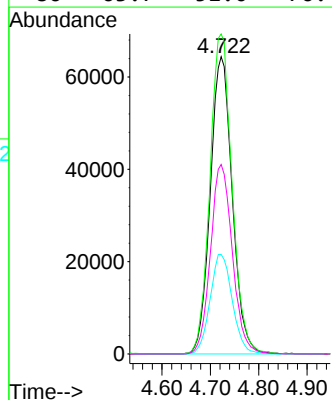
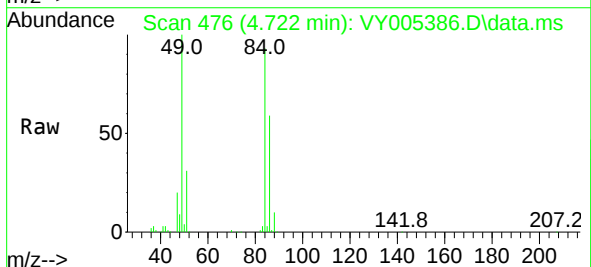
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

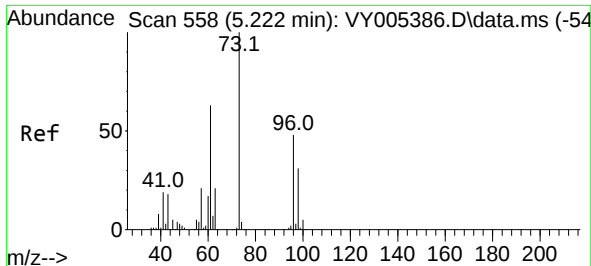
Tgt Ion: 73 Resp: 377873  
Ion Ratio Lower Upper  
73 100  
57 21.1 16.9 25.3



#20  
Methylene Chloride  
Concen: 46.506 ug/l  
RT: 4.722 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 84 Resp: 203360  
Ion Ratio Lower Upper  
84 100  
49 107.6 86.1 129.1  
51 33.5 26.8 40.2  
86 63.7 51.0 76.4

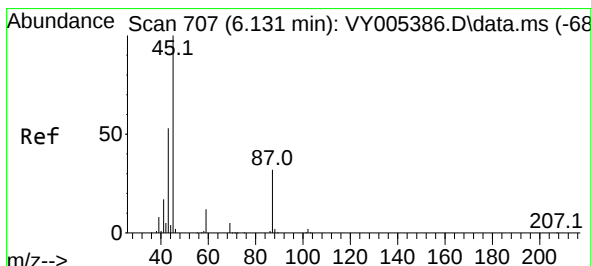
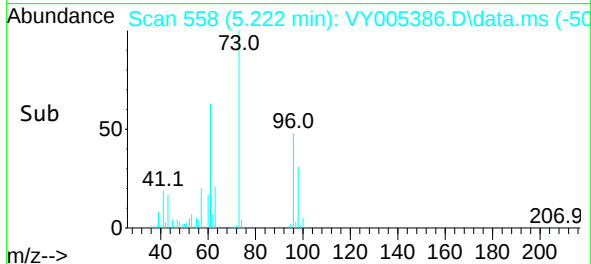
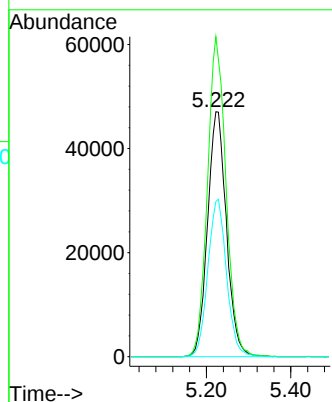
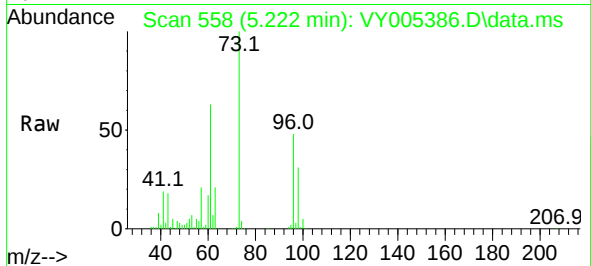




#21  
trans-1,2-Dichloroethene  
Concen: 50.698 ug/l  
RT: 5.222 min Scan# 558  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

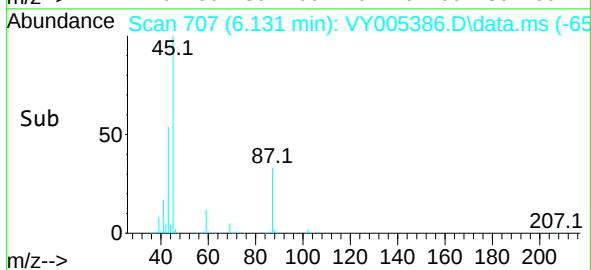
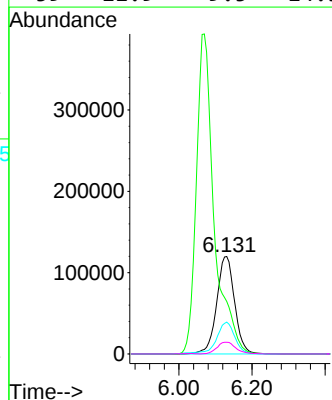
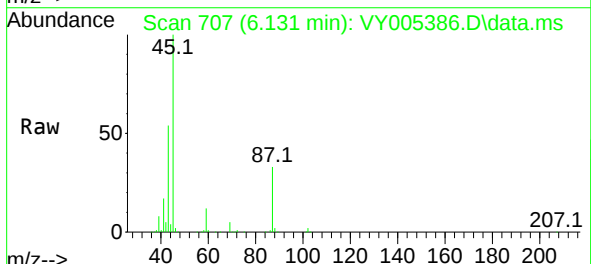
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

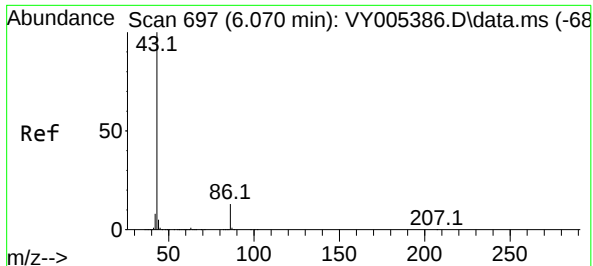
Tgt Ion: 96 Resp: 146308  
Ion Ratio Lower Upper  
96 100  
61 130.6 104.5 156.7  
98 63.3 50.6 76.0



#22  
Diisopropyl ether  
Concen: 52.507 ug/l  
RT: 6.131 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 45 Resp: 409092  
Ion Ratio Lower Upper  
45 100  
43 53.6 42.9 64.3  
87 32.7 26.2 39.2  
59 11.9 9.5 14.3



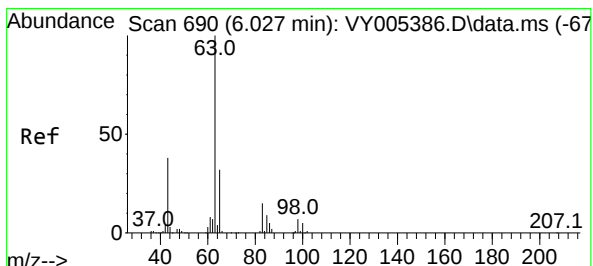
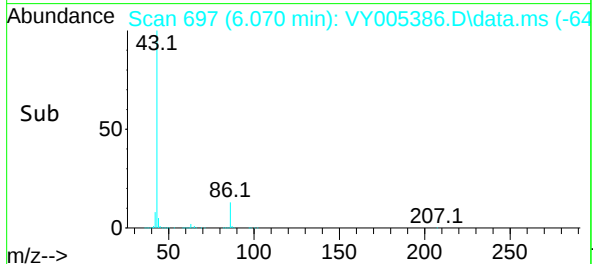
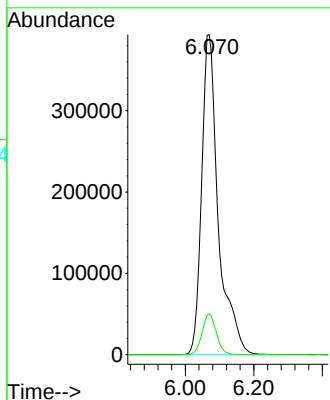
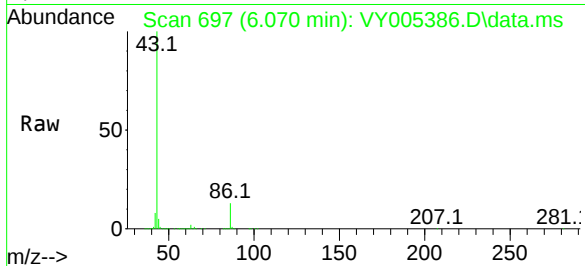


#23  
 Vinyl Acetate  
 Concen: 264.865 ug/l  
 RT: 6.070 min Scan# 697  
 Delta R.T. 0.000 min  
 Lab File: VY005386.D  
 Acq: 08 Jul 2021 14:46

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

Tgt Ion: 43 Resp: 1332846  

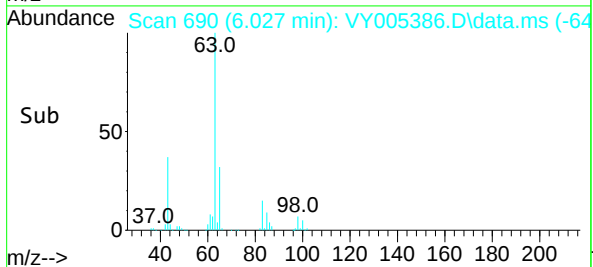
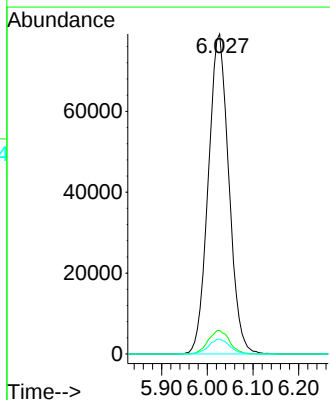
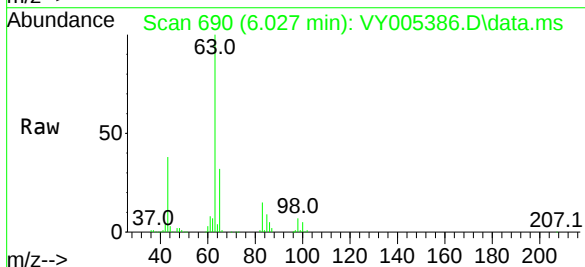
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 12.8  | 10.2  | 15.4  |

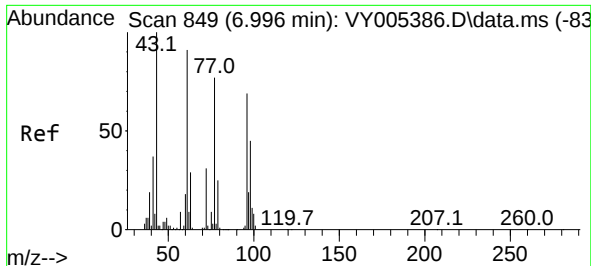


#24  
 1,1-Dichloroethane  
 Concen: 51.355 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. 0.000 min  
 Lab File: VY005386.D  
 Acq: 08 Jul 2021 14:46

Tgt Ion: 63 Resp: 247227  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 7.4   | 3.7   | 11.1  |
| 100 | 4.6   | 2.3   | 6.9   |





#25

2-Butanone

Concen: 265.191 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY005386.D

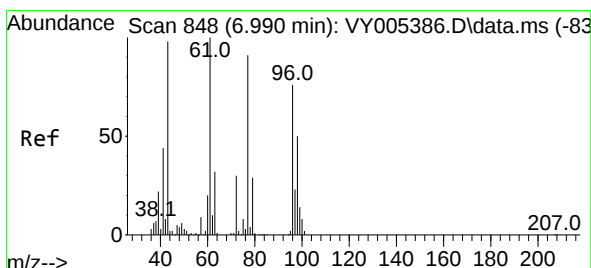
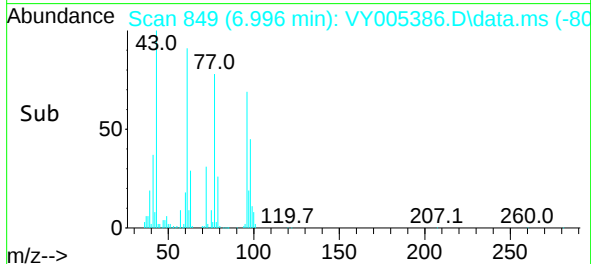
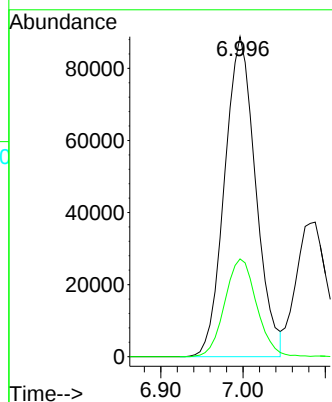
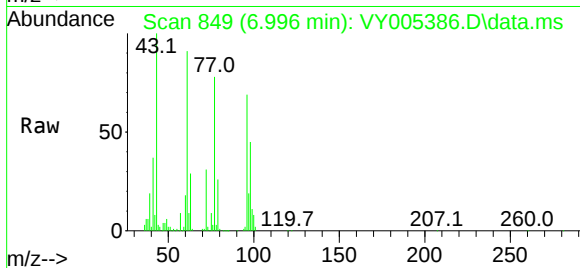
Acq: 08 Jul 2021 14:46

Tgt Ion: 43 Resp: 233480

Ion Ratio Lower Upper

43 100

72 30.5 24.4 36.6



#26

2,2-Dichloropropane

Concen: 54.024 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY005386.D

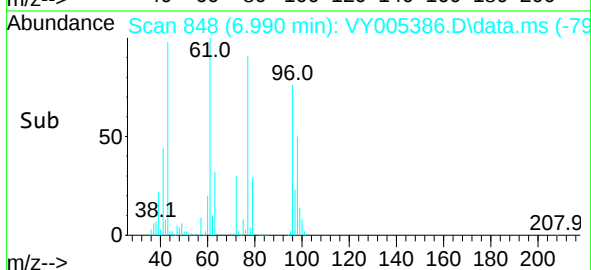
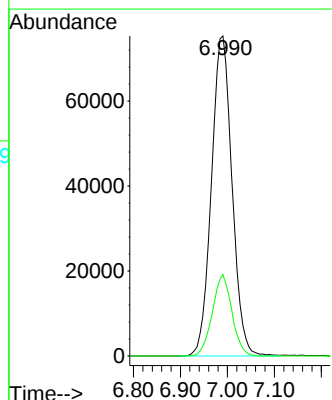
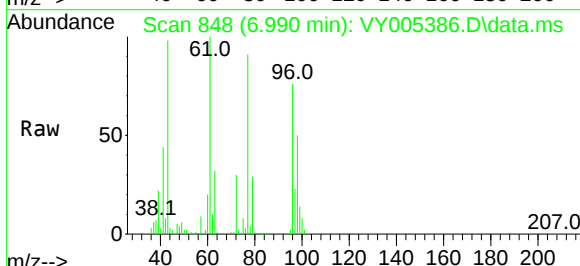
Acq: 08 Jul 2021 14:46

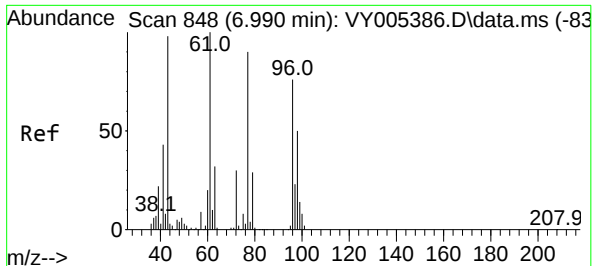
Tgt Ion: 77 Resp: 229254

Ion Ratio Lower Upper

77 100

97 24.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 52.187 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY005386.D

Acq: 08 Jul 2021 14:46

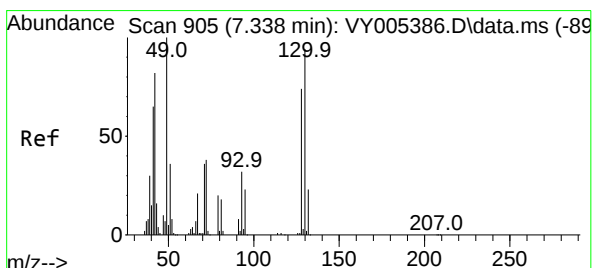
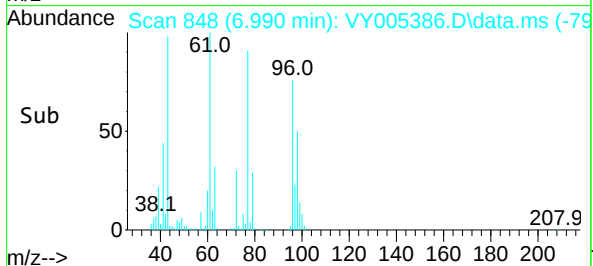
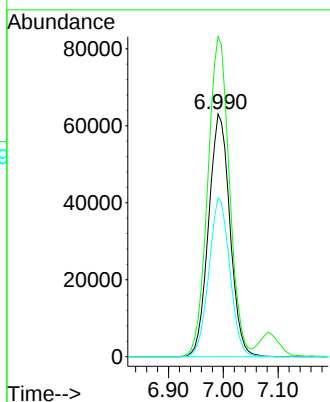
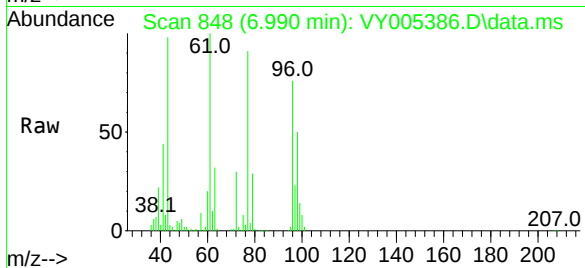
Tgt Ion: 96 Resp: 170189

Ion Ratio Lower Upper

96 100

61 134.1 0.0 268.2

98 64.2 0.0 128.4



#28

Bromochloromethane

Concen: 53.149 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY005386.D

Acq: 08 Jul 2021 14:46

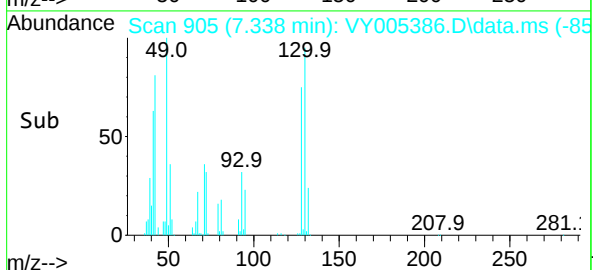
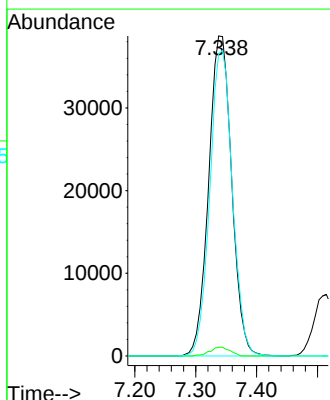
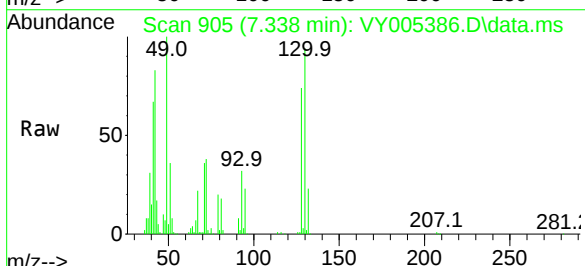
Tgt Ion: 49 Resp: 101564

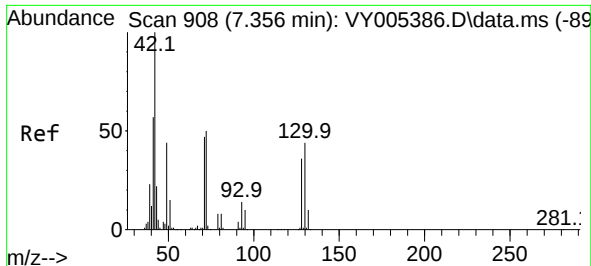
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.8

130 93.5 74.8 112.2





#29

Tetrahydrofuran

Concen: 265.091 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY005386.D

Acq: 08 Jul 2021 14:46

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

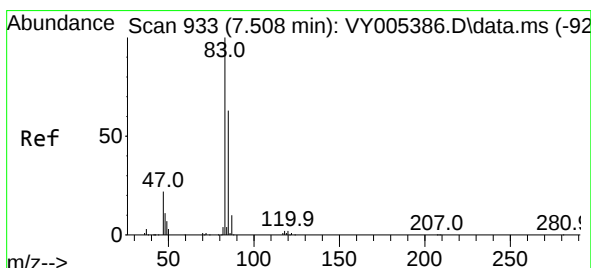
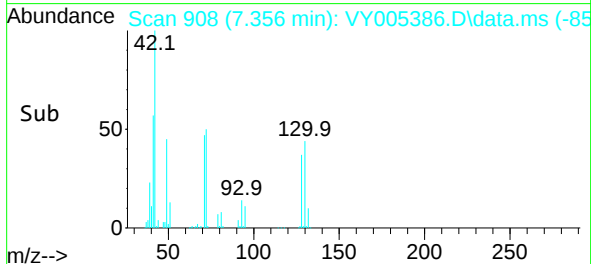
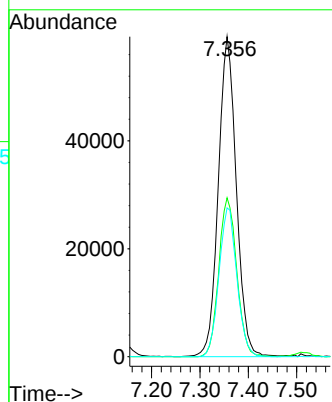
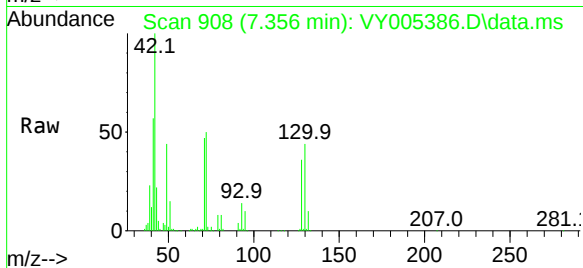
Tgt Ion: 42 Resp: 153507

Ion Ratio Lower Upper

42 100

72 49.6 39.7 59.5

71 46.2 37.0 55.4



#30

Chloroform

Concen: 53.516 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY005386.D

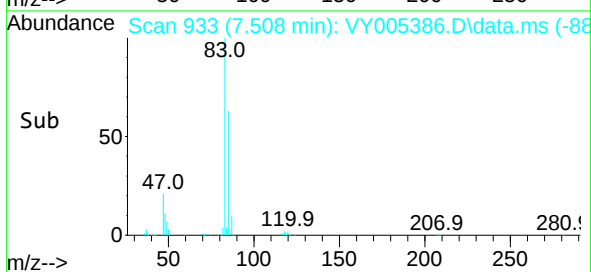
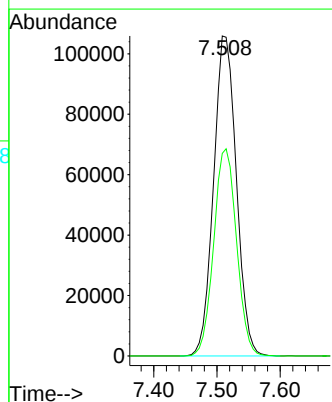
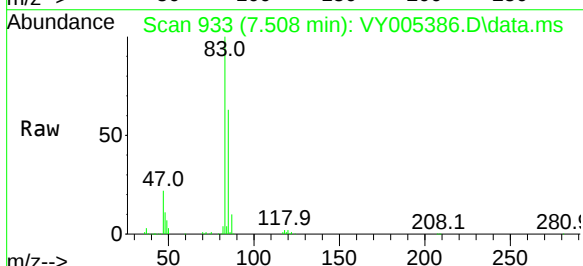
Acq: 08 Jul 2021 14:46

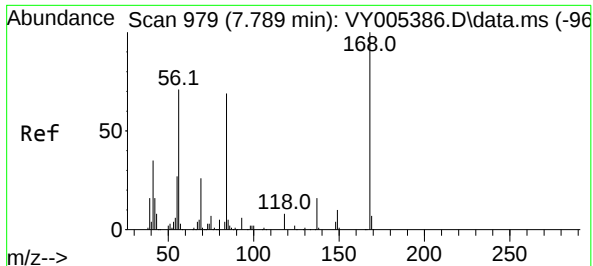
Tgt Ion: 83 Resp: 264810

Ion Ratio Lower Upper

83 100

85 63.3 50.6 76.0

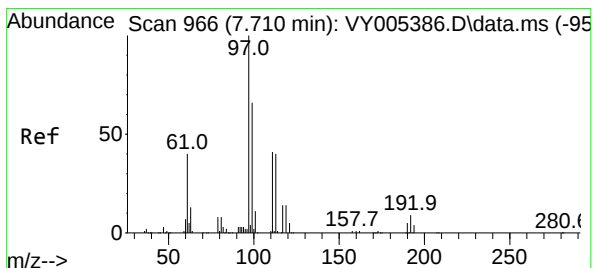
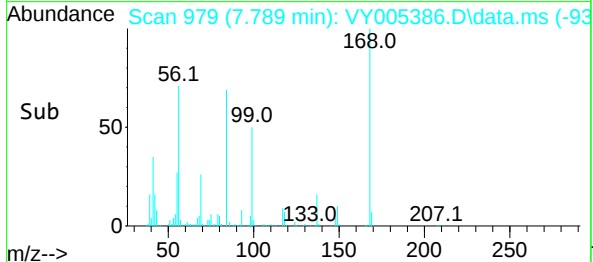
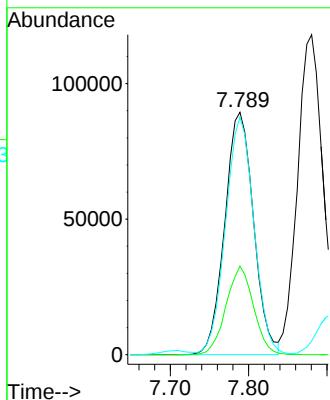
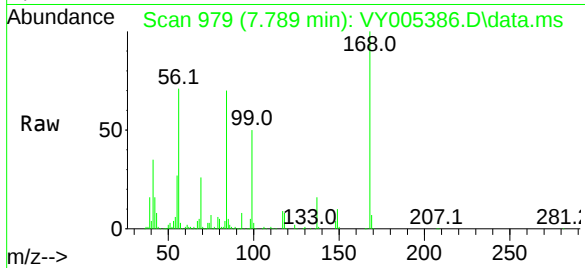




#31  
Cyclohexane  
Concen: 49.373 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

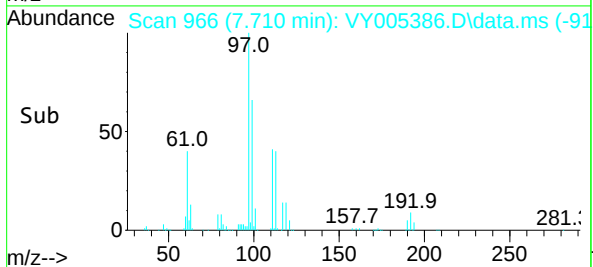
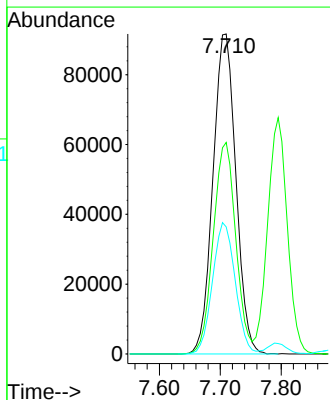
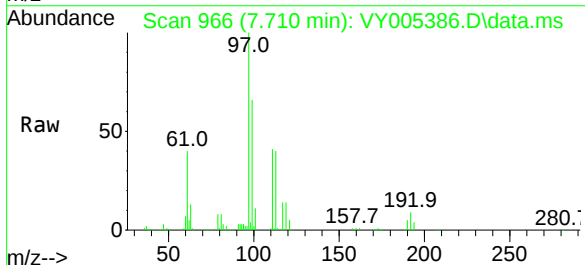
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

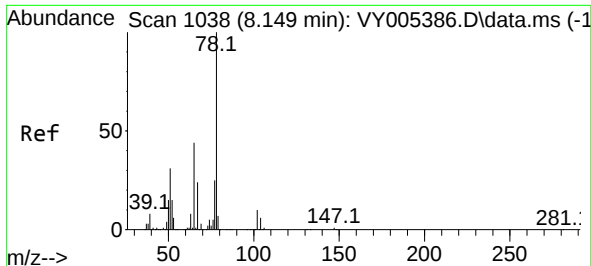
Tgt Ion: 56 Resp: 228739  
Ion Ratio Lower Upper  
56 100  
69 36.5 29.2 43.8  
84 96.3 77.0 115.6



#32  
1,1,1-Trichloroethane  
Concen: 54.336 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 97 Resp: 240030  
Ion Ratio Lower Upper  
97 100  
99 65.0 52.0 78.0  
61 40.6 32.5 48.7

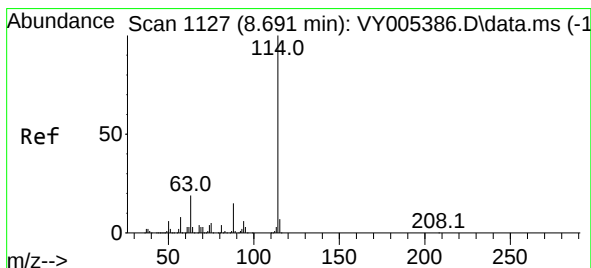
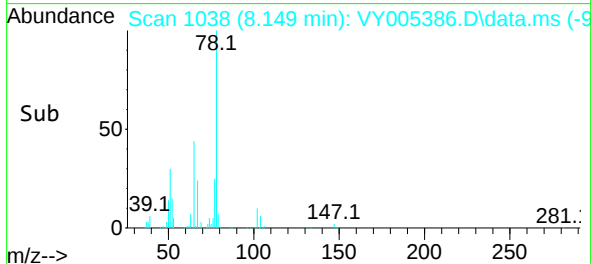
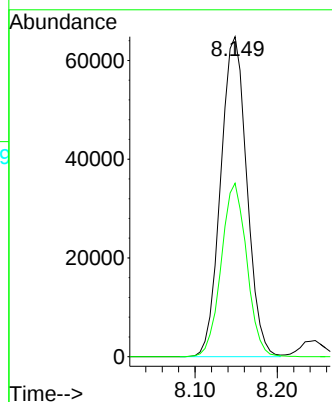
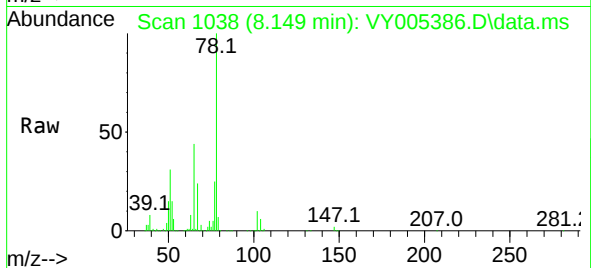




#33  
1,2-Dichloroethane-d4  
Concen: 55.010 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

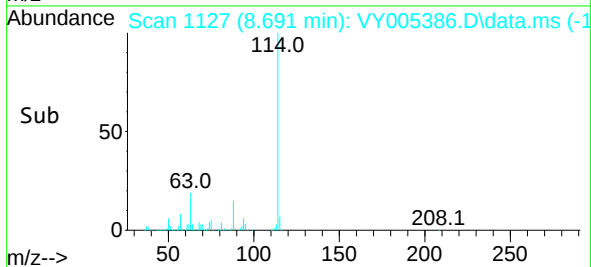
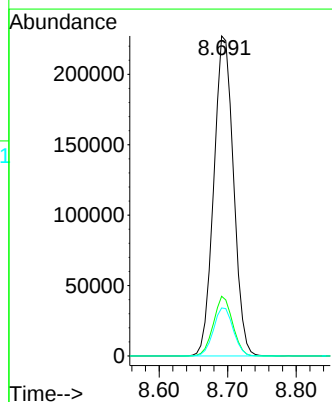
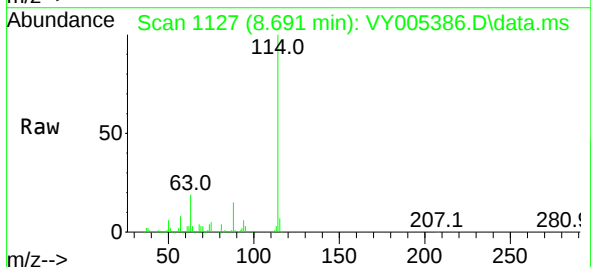
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

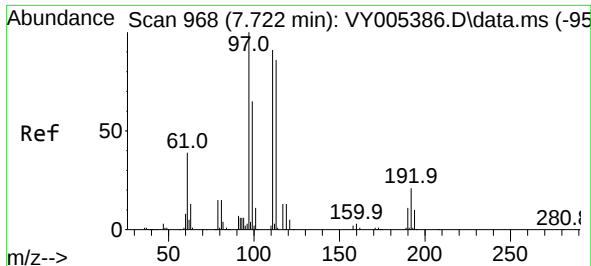
Tgt Ion: 65 Resp: 143548  
Ion Ratio Lower Upper  
65 100  
67 52.9 0.0 105.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.691 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 114 Resp: 452233  
Ion Ratio Lower Upper  
114 100  
63 18.6 0.0 37.2  
88 15.0 0.0 30.0

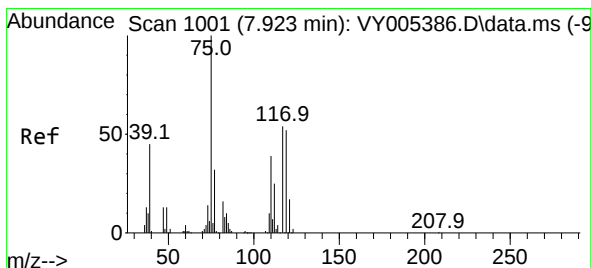
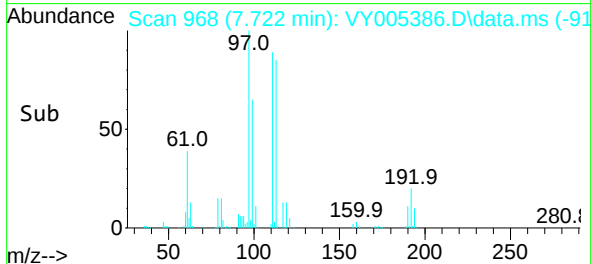
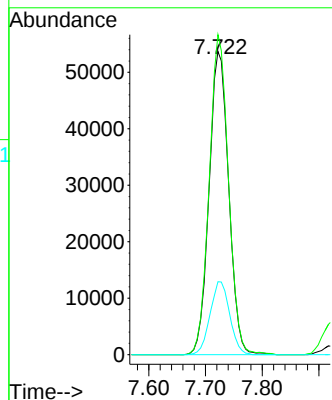
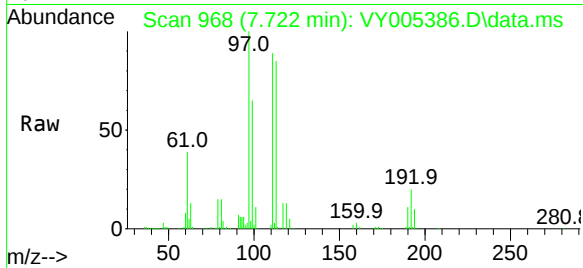




#35  
Dibromofluoromethane  
Concen: 49.206 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

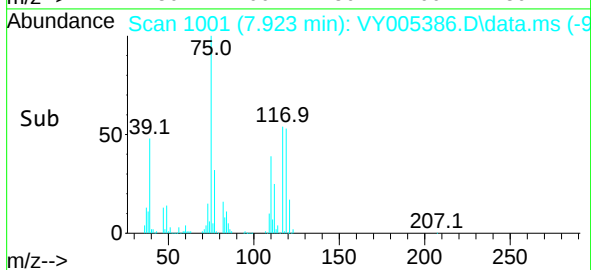
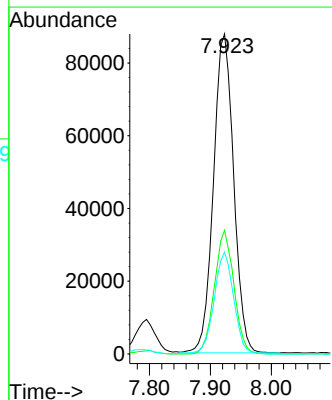
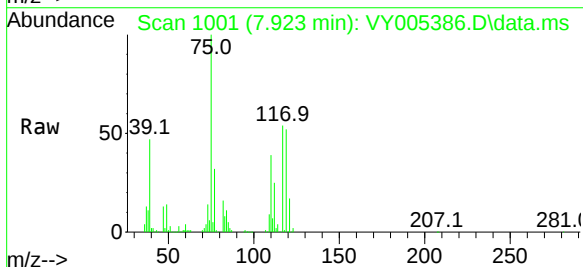
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

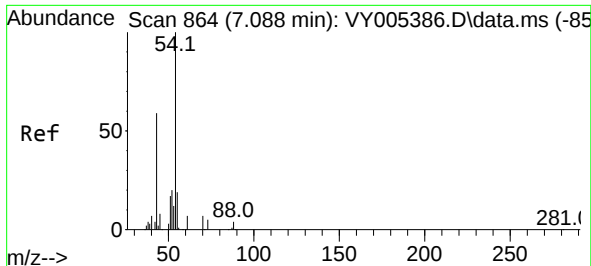
Tgt Ion:113 Resp: 129249  
Ion Ratio Lower Upper  
113 100  
111 103.6 82.9 124.3  
192 24.1 19.3 28.9



#36  
1,1-Dichloropropene  
Concen: 50.588 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 75 Resp: 201967  
Ion Ratio Lower Upper  
75 100  
110 37.3 18.6 56.0  
77 31.1 24.9 37.3





#37

Ethyl Acetate

Concen: 49.984 ug/l

RT: 7.088 min Scan# 864

Delta R.T. 0.000 min

Lab File: VY005386.D

Acq: 08 Jul 2021 14:46

Instrument :

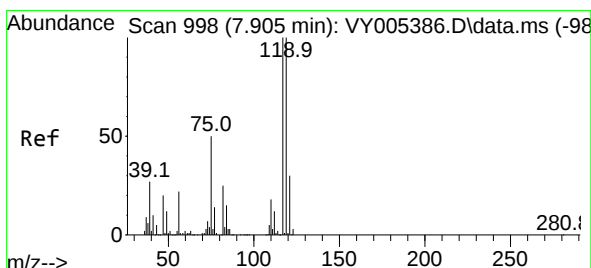
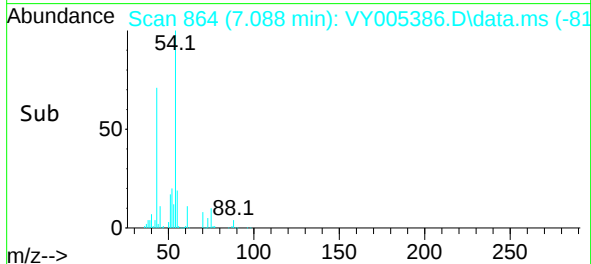
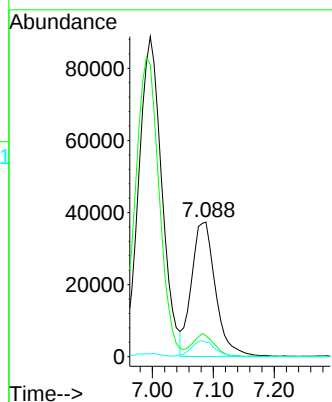
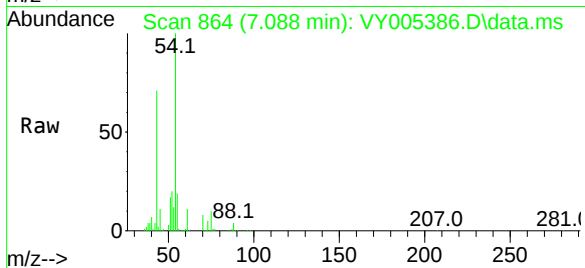
MSVOA\_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 102122

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 15.0  | 12.0  | 18.0  |
| 70  | 11.7  | 9.4   | 14.0  |



#38

Carbon Tetrachloride

Concen: 53.458 ug/l

RT: 7.905 min Scan# 998

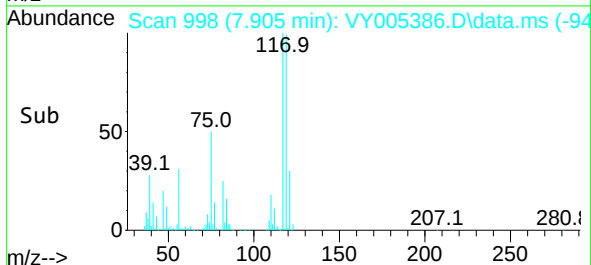
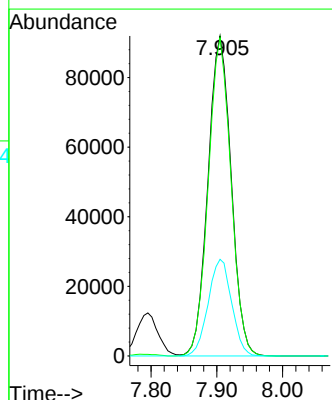
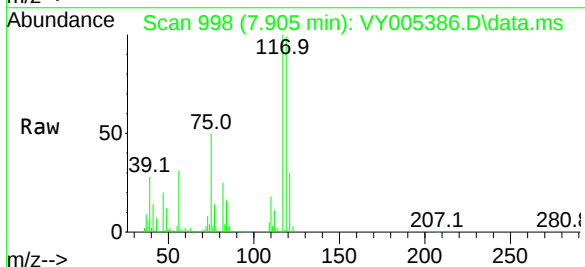
Delta R.T. 0.000 min

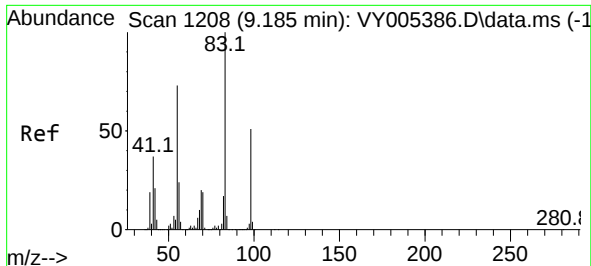
Lab File: VY005386.D

Acq: 08 Jul 2021 14:46

Tgt Ion: 117 Resp: 225877

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 99.5  | 79.6  | 119.4 |
| 121 | 30.2  | 24.2  | 36.2  |





#39

Methylcyclohexane

Concen: 50.431 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. 0.000 min

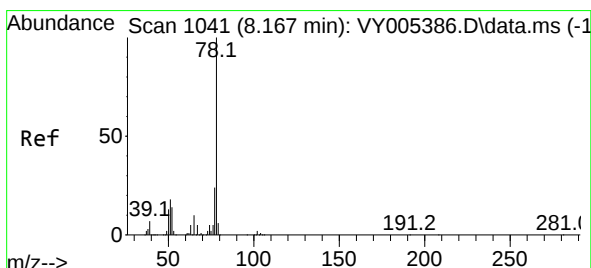
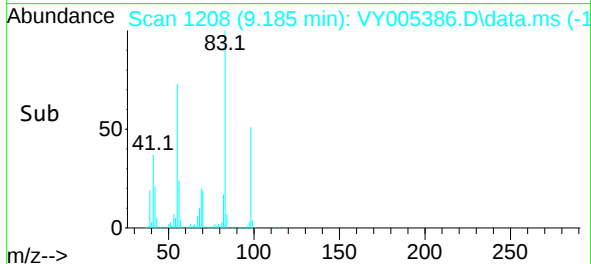
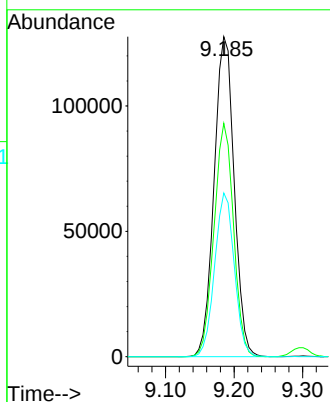
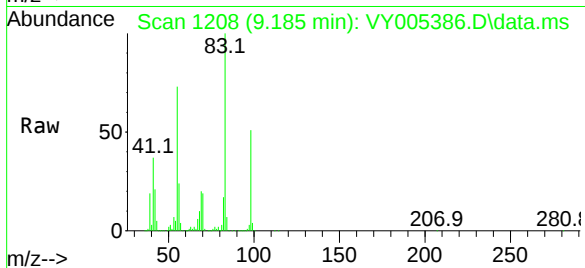
Lab File: VY005386.D

Acq: 08 Jul 2021 14:46

Tgt Ion: 83 Resp: 259148

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 72.9  | 58.3  | 87.5  |
| 98  | 51.2  | 41.0  | 61.4  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



#40

Benzene

Concen: 50.733 ug/l

RT: 8.167 min Scan# 1041

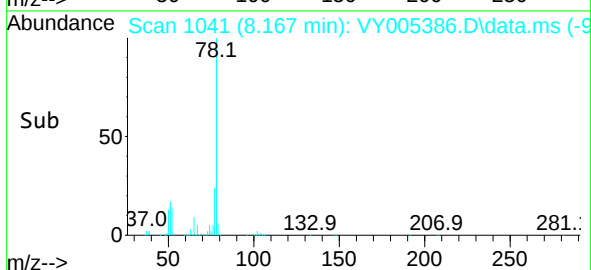
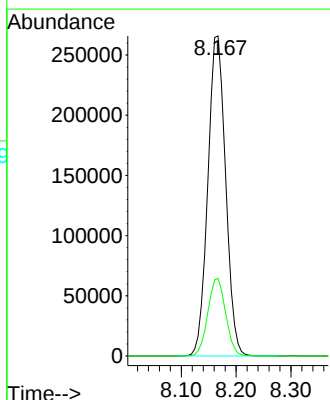
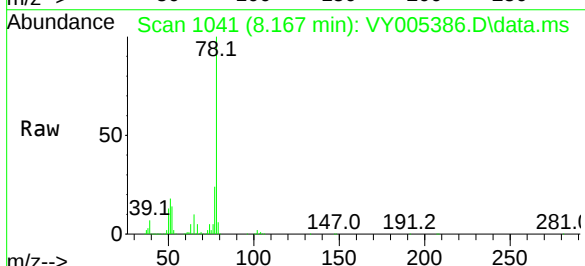
Delta R.T. 0.000 min

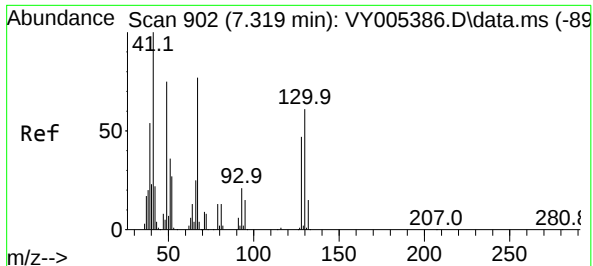
Lab File: VY005386.D

Acq: 08 Jul 2021 14:46

Tgt Ion: 78 Resp: 597480

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 24.3  | 19.4  | 29.2  |



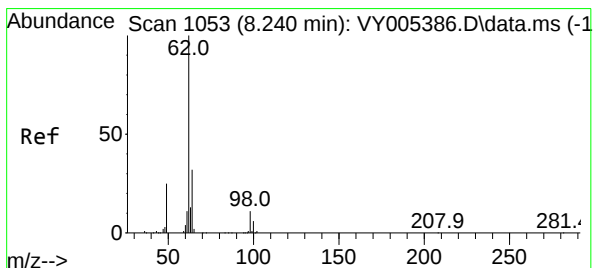
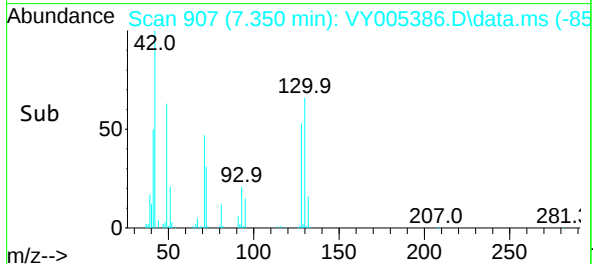
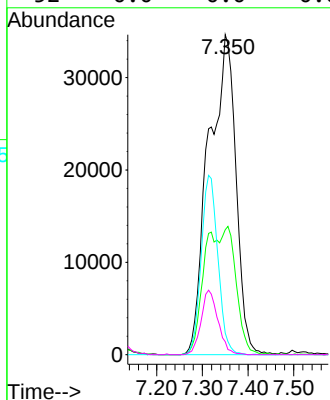
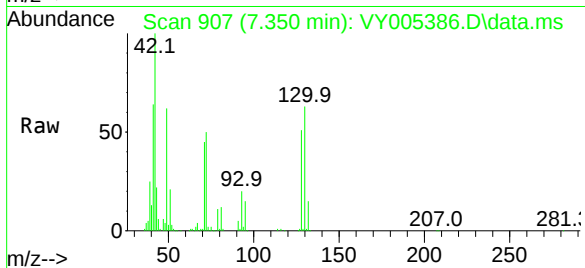


#41  
Methacrylonitrile  
Concen: 130.215 ug/l  
RT: 7.350 min Scan# 907  
Delta R.T. 0.030 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 41 Resp: 143487

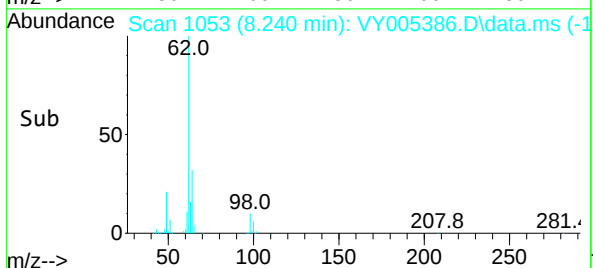
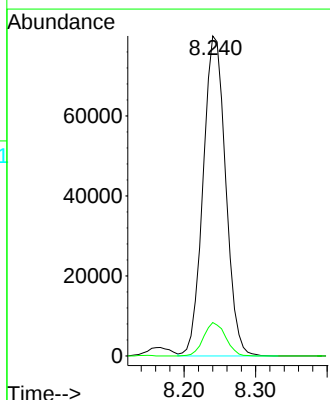
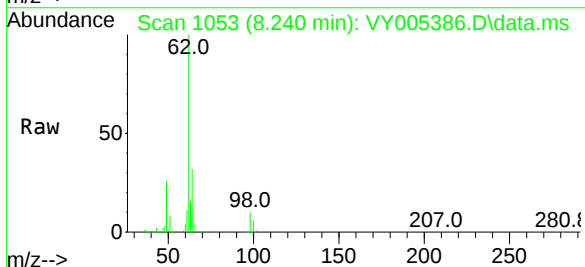
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 0.0   | 0.0   | 0.0   |
| 67  | 0.0   | 0.0   | 0.0   |
| 52  | 0.0   | 0.0   | 0.0   |

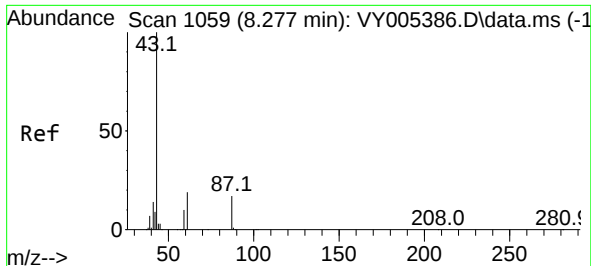


#42  
1,2-Dichloroethane  
Concen: 53.972 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 62 Resp: 175204

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.2  | 0.0   | 20.4  |

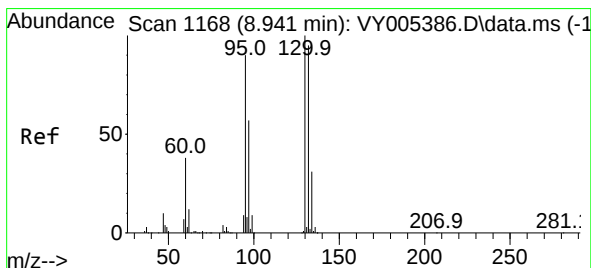
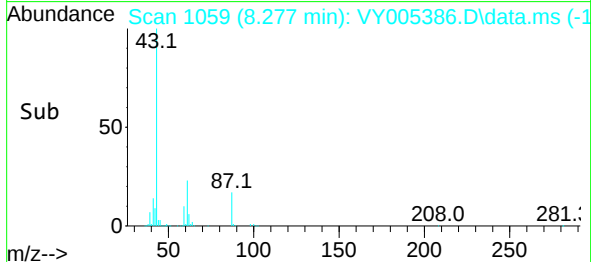
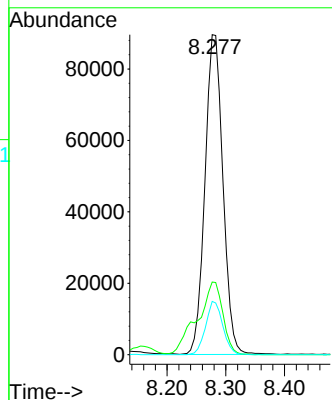
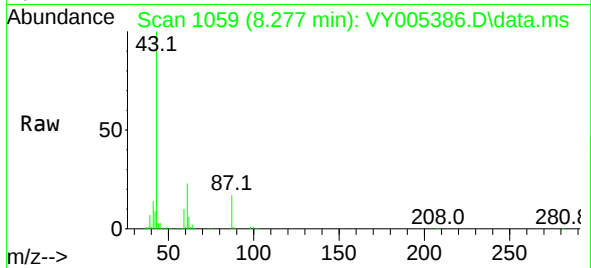




#43  
Isopropyl Acetate  
Concen: 50.497 ug/l  
RT: 8.277 min Scan# 1059  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

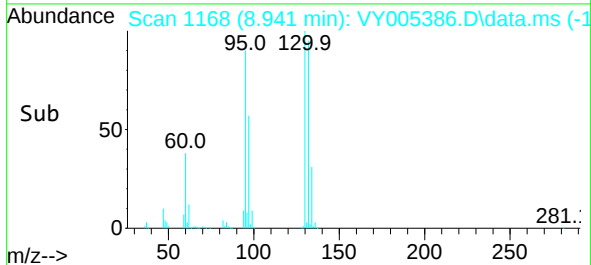
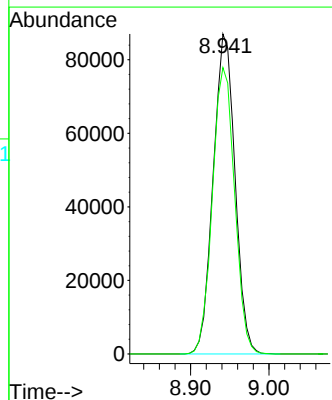
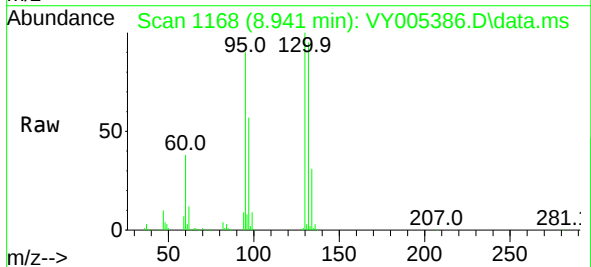
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

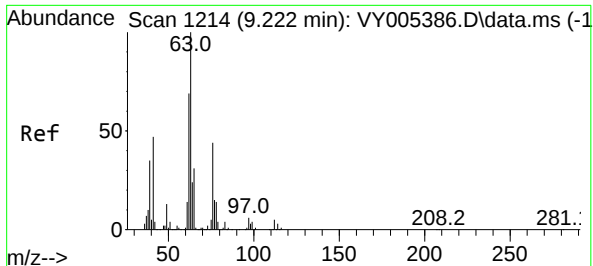
Tgt Ion: 43 Resp: 190699  
Ion Ratio Lower Upper  
43 100  
61 32.4 25.9 38.9  
87 15.9 12.7 19.1



#44  
Trichloroethene  
Concen: 50.784 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion:130 Resp: 168729  
Ion Ratio Lower Upper  
130 100  
95 89.5 0.0 179.0



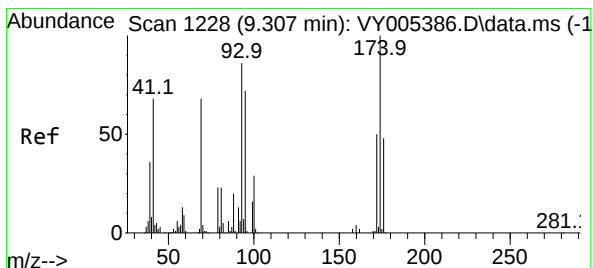
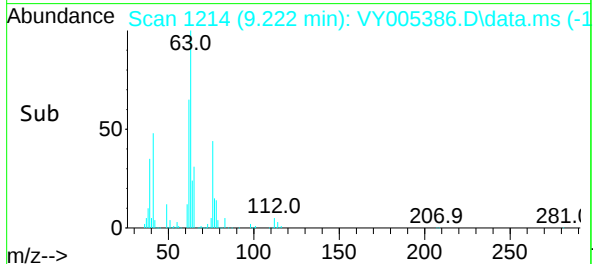
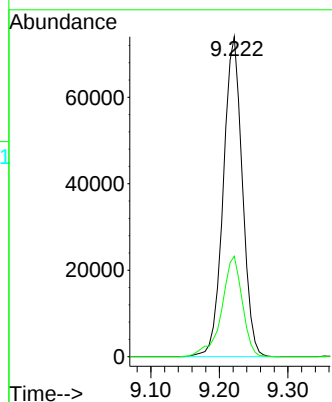
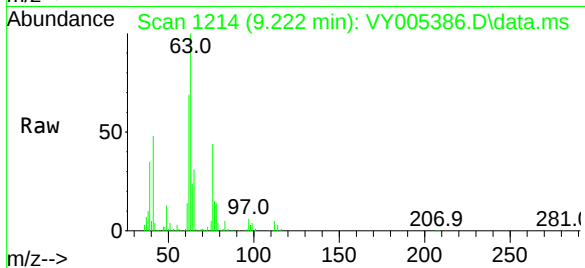


#45

1,2-Dichloropropane  
Concen: 50.565 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

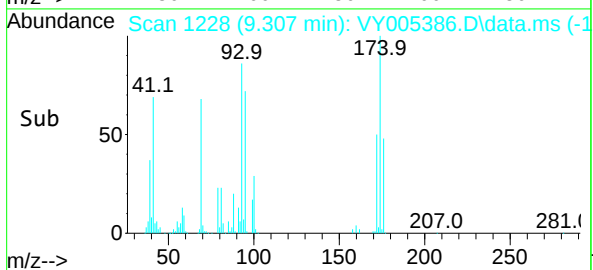
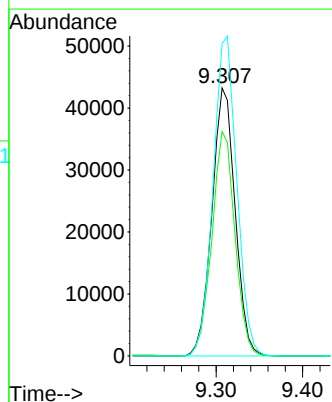
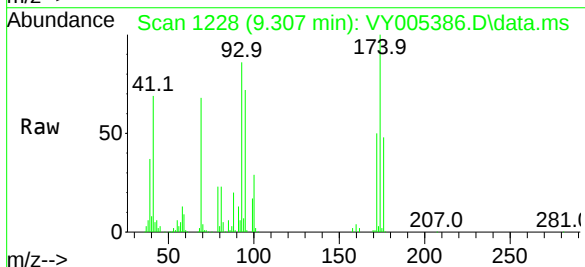
Tgt Ion: 63 Resp: 142384  
Ion Ratio Lower Upper  
63 100  
65 31.4 25.1 37.7

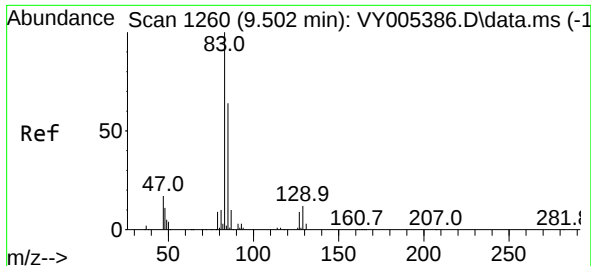


#46

Dibromomethane  
Concen: 49.424 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 93 Resp: 80611  
Ion Ratio Lower Upper  
93 100  
95 83.0 66.4 99.6  
174 121.4 97.1 145.7

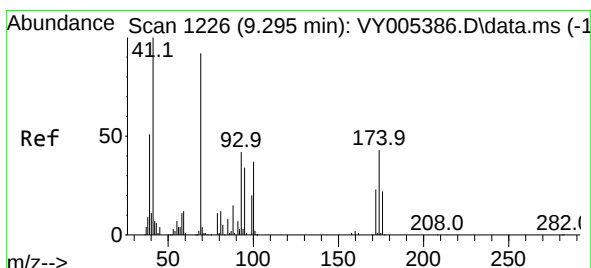
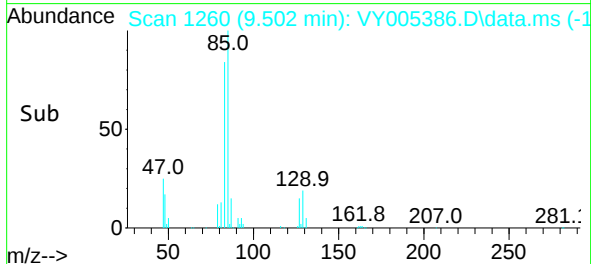
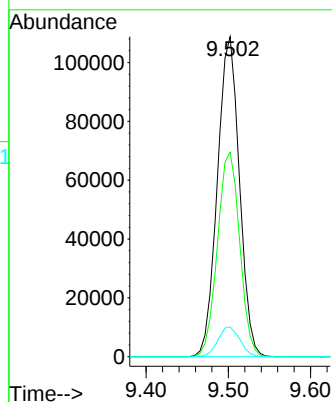
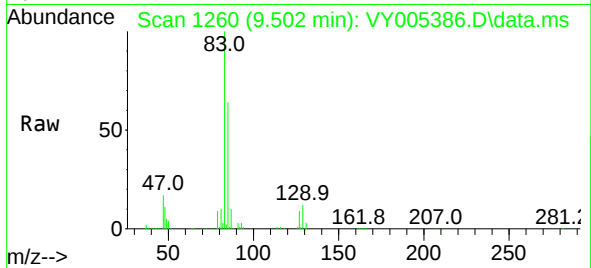




#47  
Bromodichloromethane  
Concen: 52.416 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

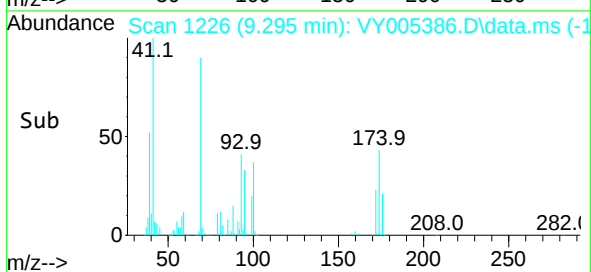
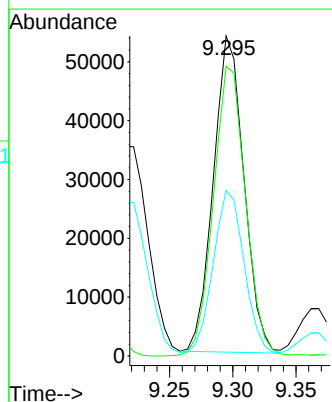
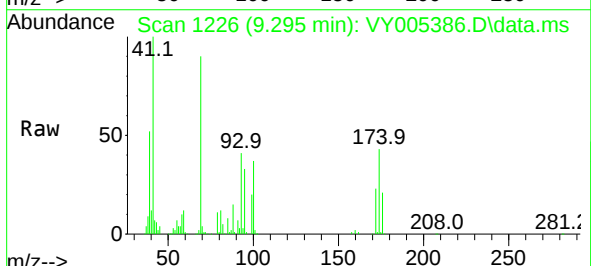
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

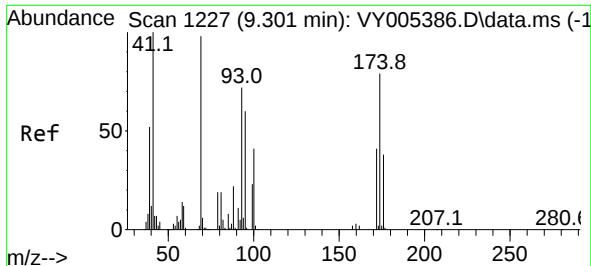
Tgt Ion: 83 Resp: 202603  
Ion Ratio Lower Upper  
83 100  
85 63.9 51.1 76.7  
127 9.3 7.4 11.2



#48  
Methyl methacrylate  
Concen: 53.892 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 41 Resp: 90463  
Ion Ratio Lower Upper  
41 100  
69 96.3 77.0 115.6  
39 54.0 43.2 64.8

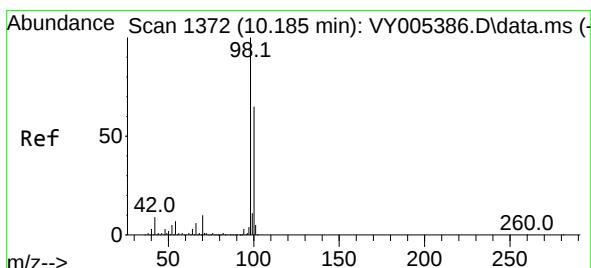
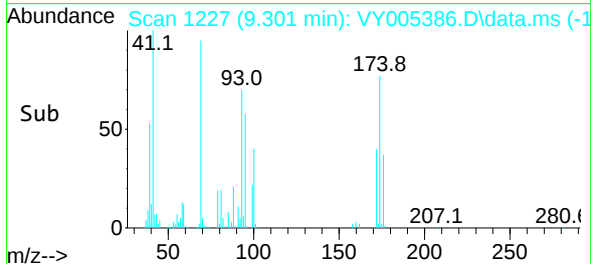
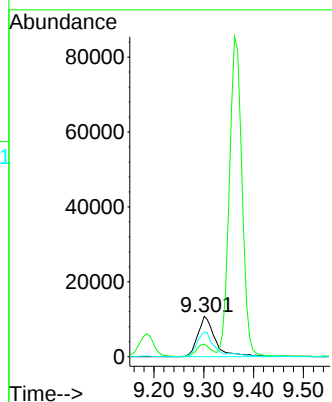
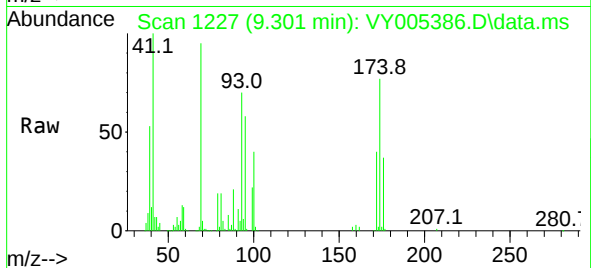




#49  
1,4-Dioxane  
Concen: 1187.089 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

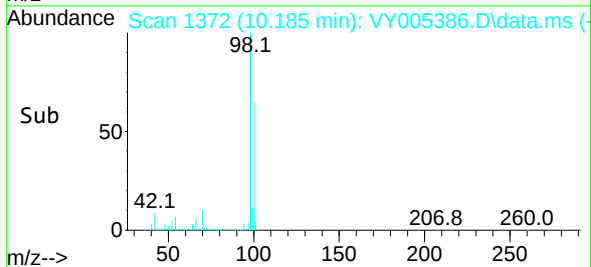
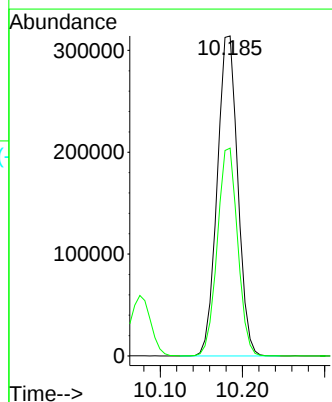
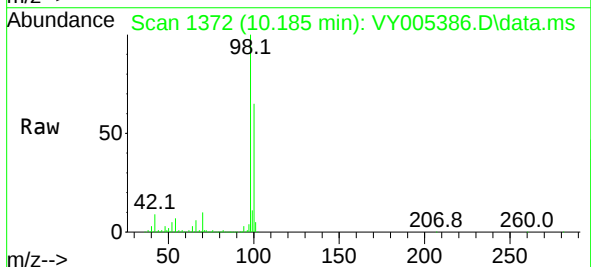
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

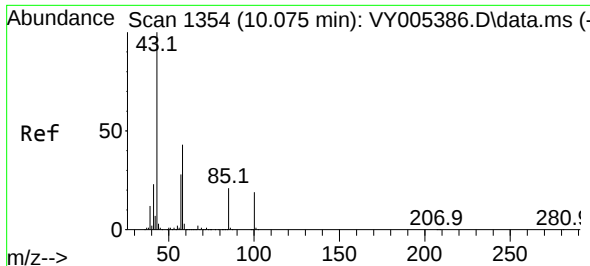
Tgt Ion: 88 Resp: 26303  
Ion Ratio Lower Upper  
88 100  
43 25.5 20.4 30.6  
58 58.2 46.6 69.8



#50  
Toluene-d8  
Concen: 51.631 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 98 Resp: 545865  
Ion Ratio Lower Upper  
98 100  
100 64.4 51.5 77.3

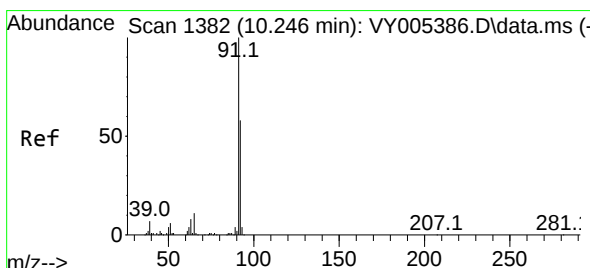
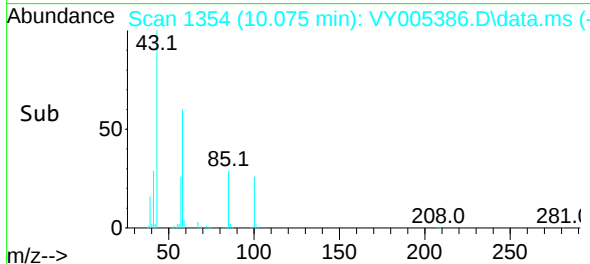
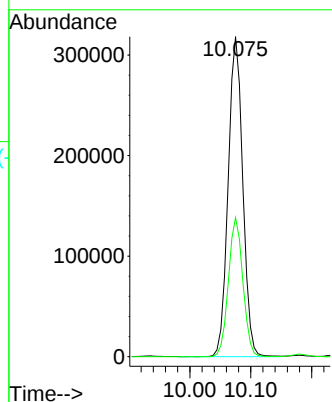
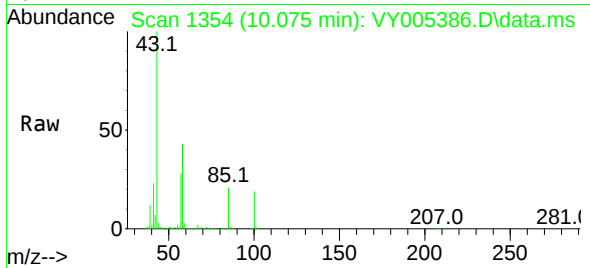




#51  
4-Methyl-2-Pentanone  
Concen: 265.801 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

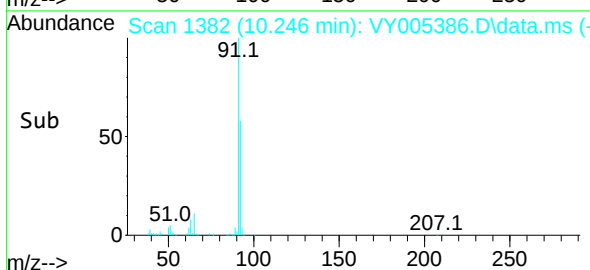
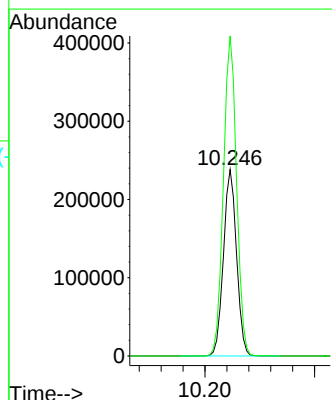
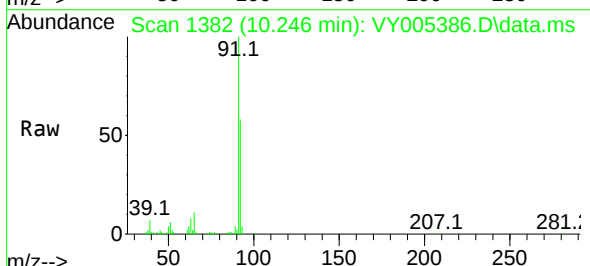
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

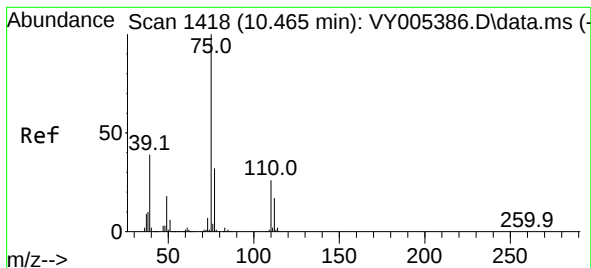
Tgt Ion: 43 Resp: 529729  
Ion Ratio Lower Upper  
43 100  
58 43.0 34.4 51.6



#52  
Toluene  
Concen: 52.228 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 92 Resp: 395283  
Ion Ratio Lower Upper  
92 100  
91 172.6 138.1 207.1

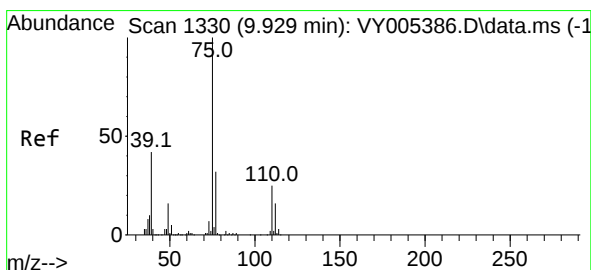
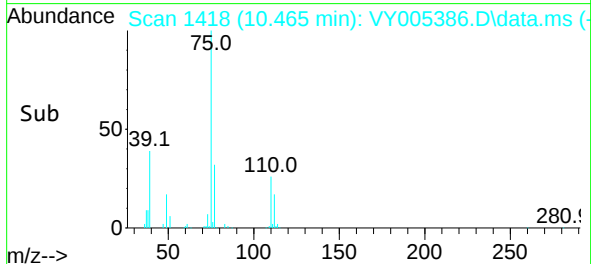
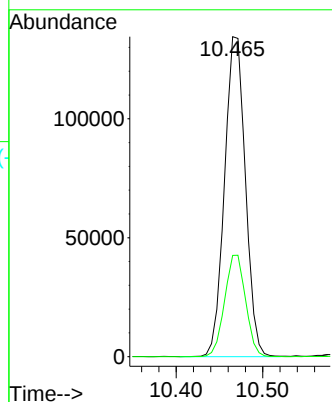
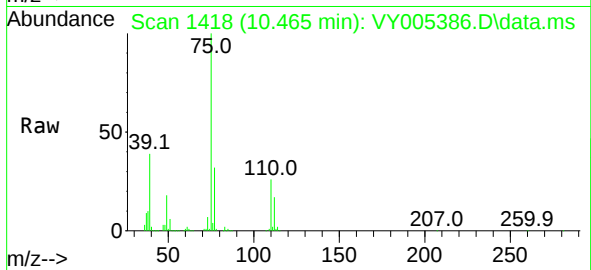




#53  
t-1,3-Dichloropropene  
Concen: 53.106 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

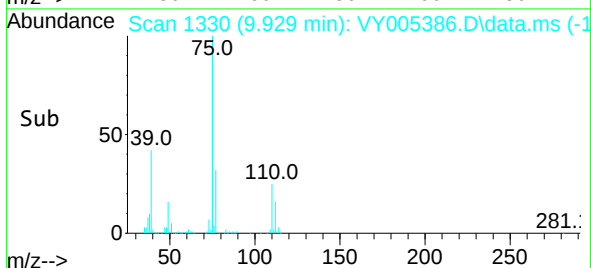
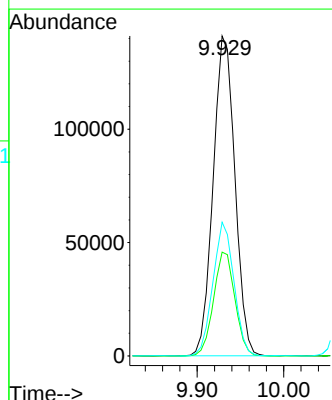
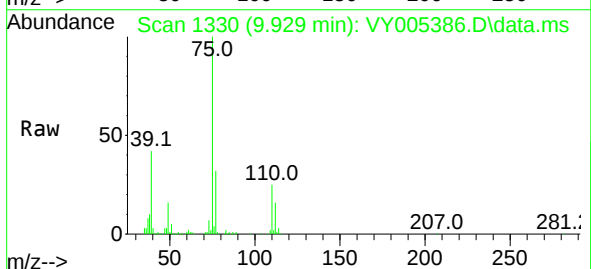
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

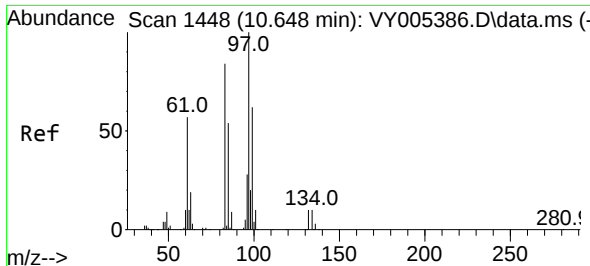
Tgt Ion: 75 Resp: 225575  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.4 38.0



#54  
cis-1,3-Dichloropropene  
Concen: 51.850 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 75 Resp: 246477  
Ion Ratio Lower Upper  
75 100  
77 32.5 26.0 39.0  
39 41.8 33.4 50.2



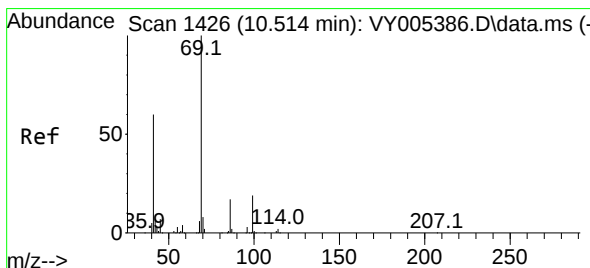
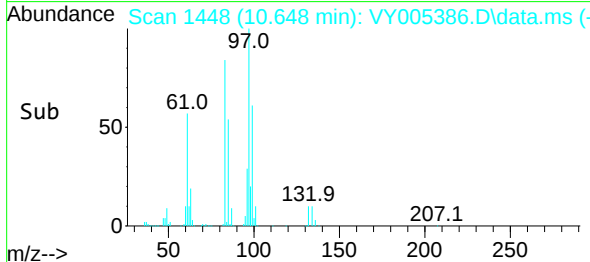
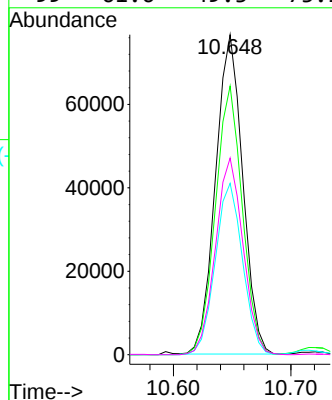
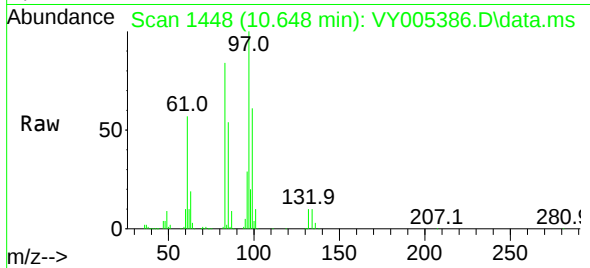


#55  
1,1,2-Trichloroethane  
Concen: 51.221 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 97 Resp: 122900

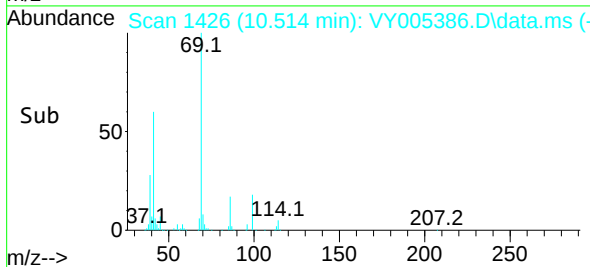
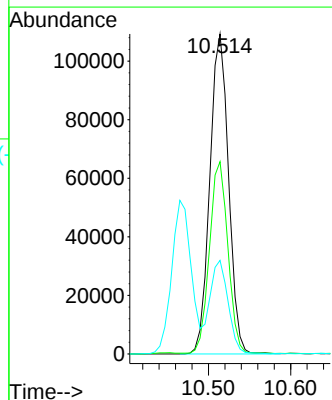
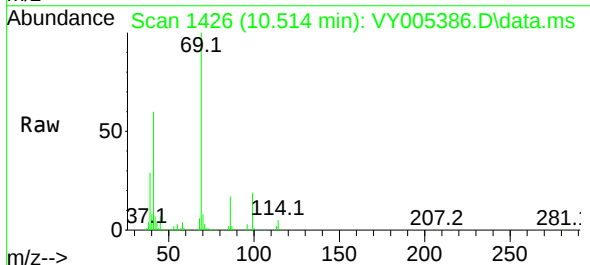
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.1  | 67.3  | 100.9 |
| 85  | 53.7  | 43.0  | 64.4  |
| 99  | 61.6  | 49.3  | 73.9  |

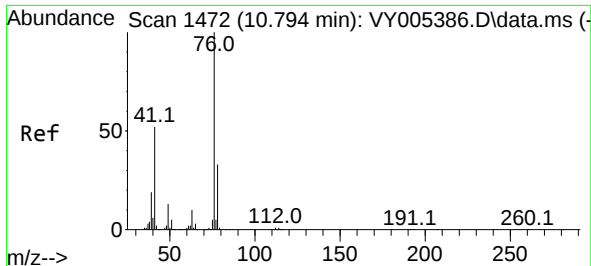


#56  
Ethyl methacrylate  
Concen: 53.114 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 69 Resp: 172652

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 59.1  | 47.3  | 70.9  |
| 39  | 29.1  | 23.3  | 34.9  |

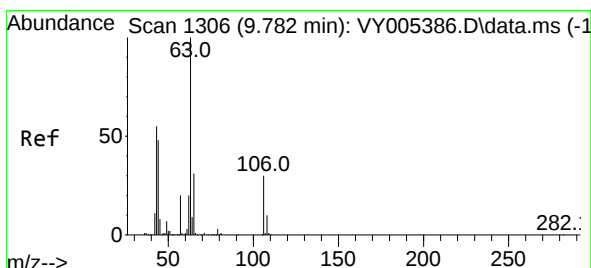
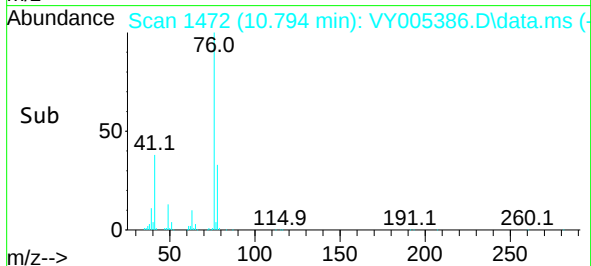
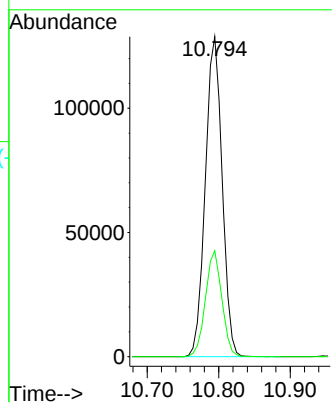
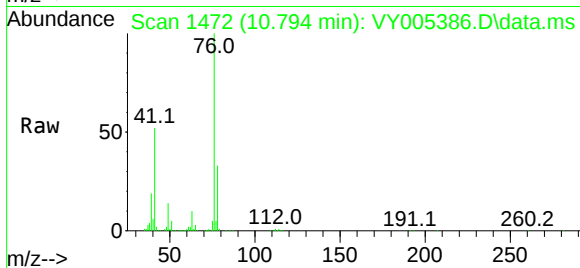




#57  
1,3-Dichloropropane  
Concen: 52.241 ug/l  
RT: 10.794 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

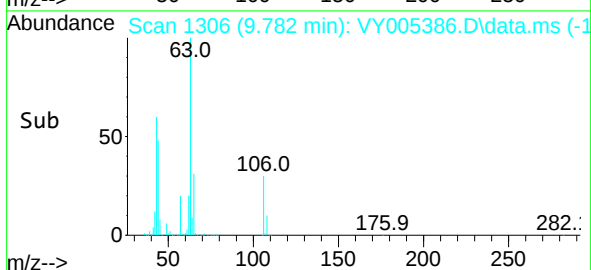
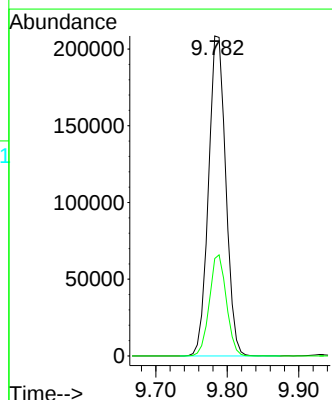
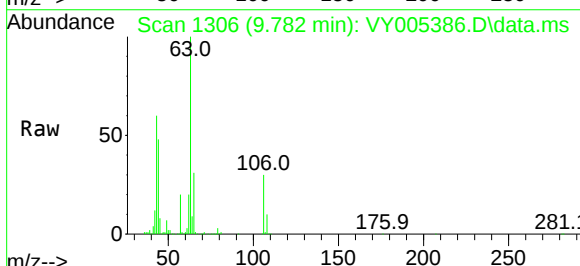
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

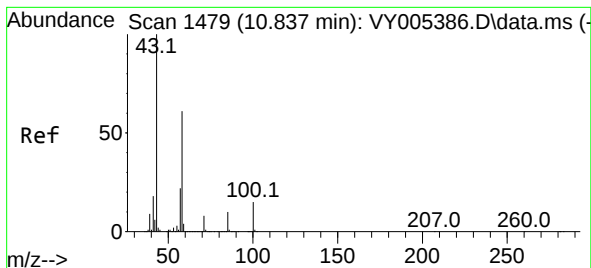
Tgt Ion: 76 Resp: 210370  
Ion Ratio Lower Upper  
76 100  
78 32.3 25.8 38.8



#58  
2-Chloroethyl Vinyl ether  
Concen: 245.960 ug/l  
RT: 9.782 min Scan# 1306  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 63 Resp: 348772  
Ion Ratio Lower Upper  
63 100  
106 31.1 24.9 37.3

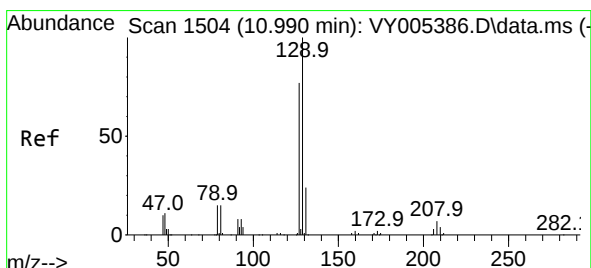
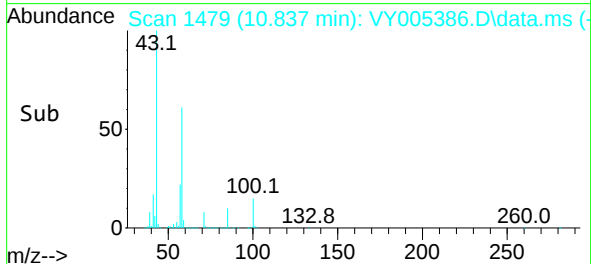
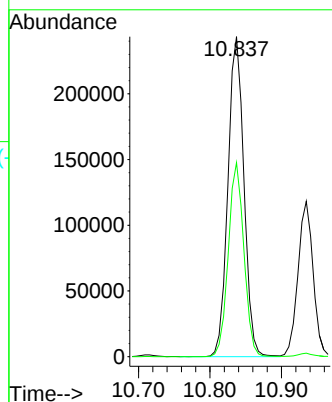
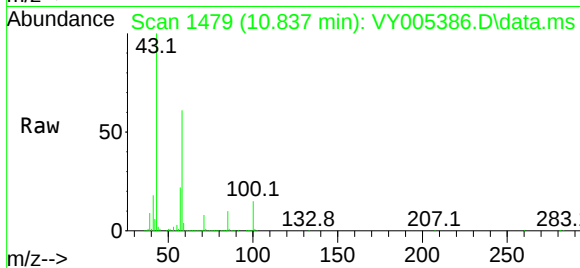




#59  
2-Hexanone  
Concen: 274.646 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

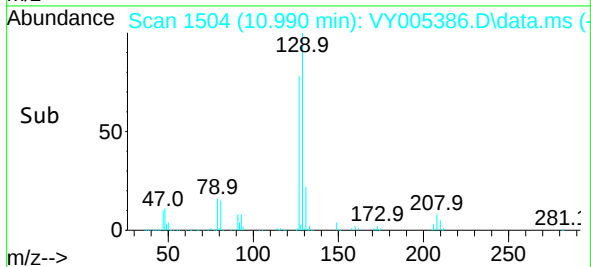
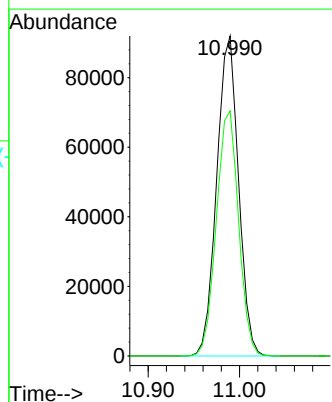
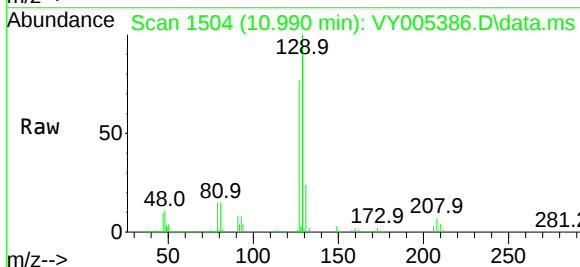
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

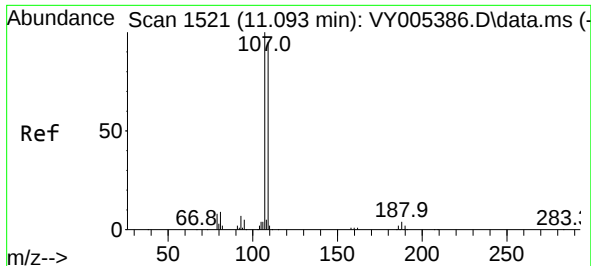
Tgt Ion: 43 Resp: 377830  
Ion Ratio Lower Upper  
43 100  
58 59.2 29.6 88.8



#60  
Dibromochloromethane  
Concen: 51.946 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 129 Resp: 152611  
Ion Ratio Lower Upper  
129 100  
127 78.0 39.0 117.0

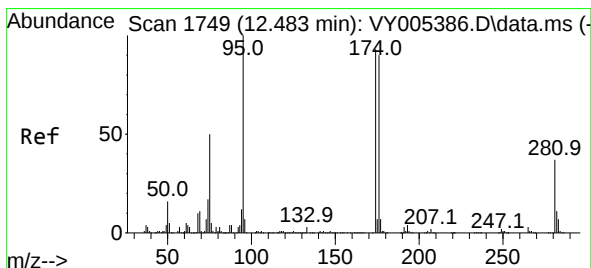
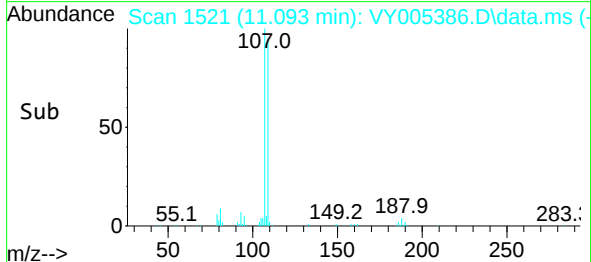
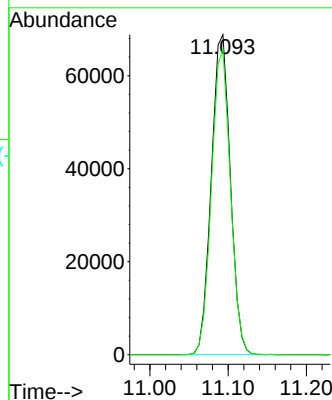
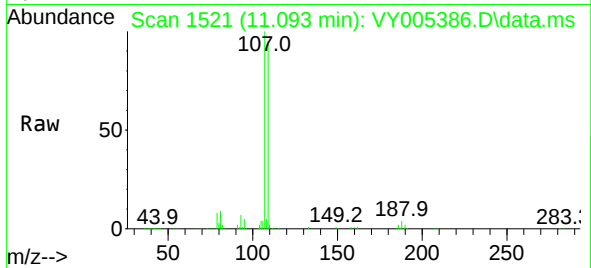




#61  
1,2-Dibromoethane  
Concen: 50.120 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

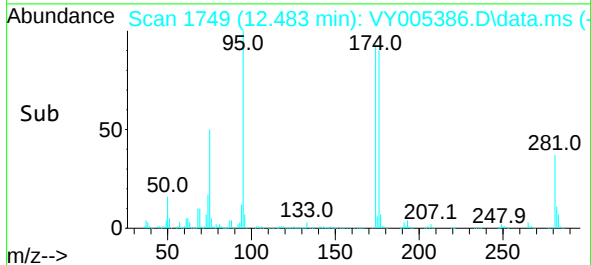
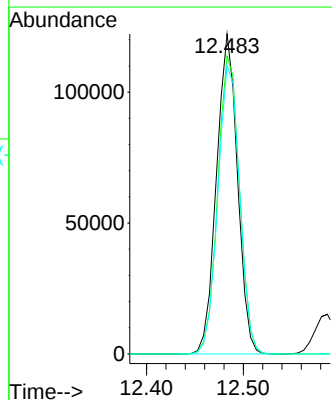
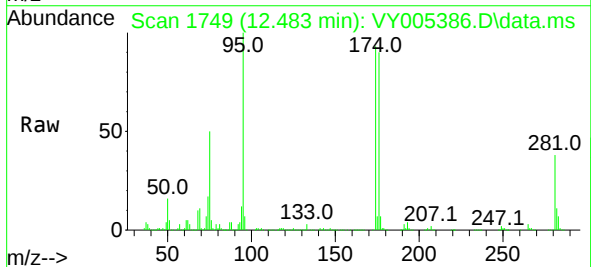
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

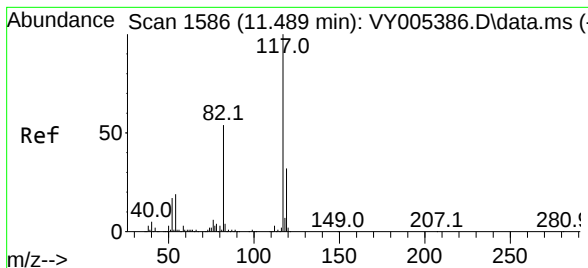
Tgt Ion:107 Resp: 116203  
Ion Ratio Lower Upper  
107 100  
109 94.9 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 51.967 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 95 Resp: 183845  
Ion Ratio Lower Upper  
95 100  
174 96.4 0.0 192.8  
176 93.6 0.0 187.2

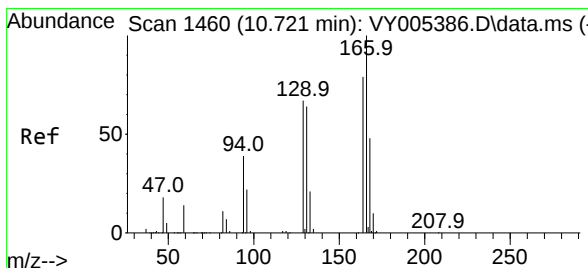
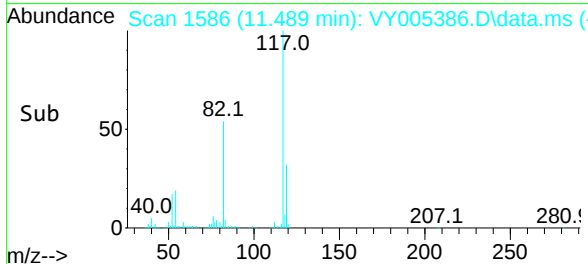
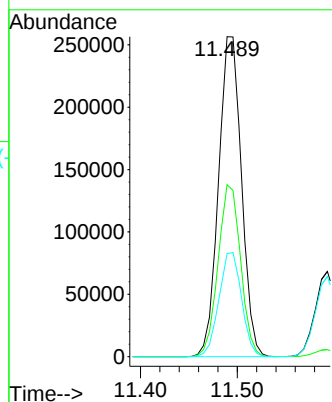
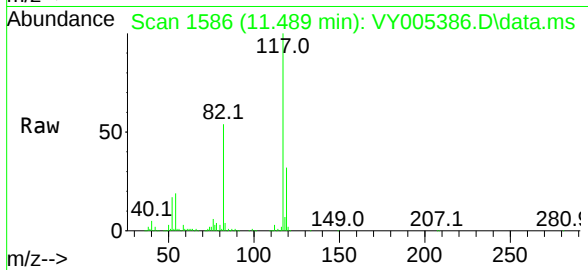




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

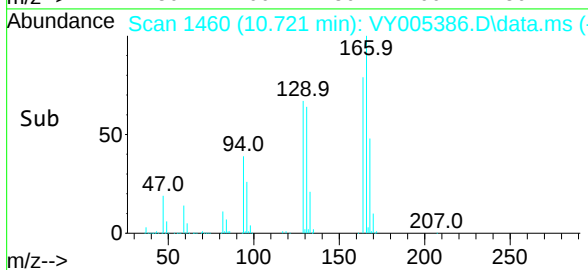
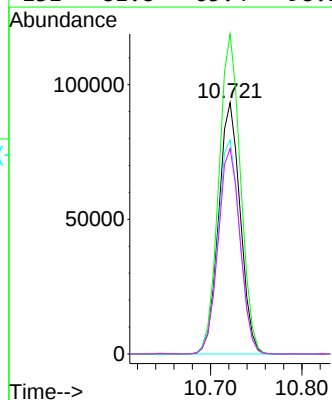
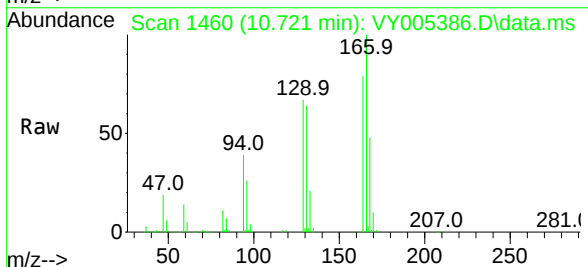
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

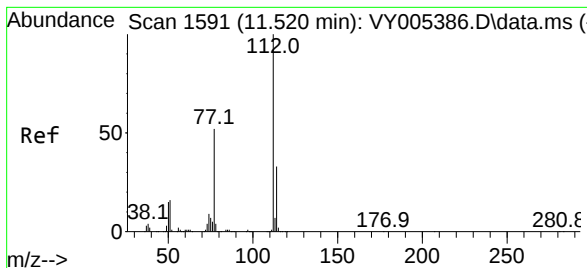
Tgt Ion:117 Resp: 422077  
Ion Ratio Lower Upper  
117 100  
82 53.8 43.0 64.6  
119 32.2 25.8 38.6



#64  
Tetrachloroethene  
Concen: 49.398 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion:164 Resp: 153087  
Ion Ratio Lower Upper  
164 100  
166 127.3 101.8 152.8  
129 85.2 68.2 102.2  
131 81.8 65.4 98.2

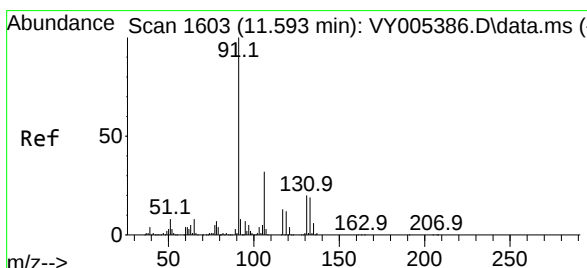
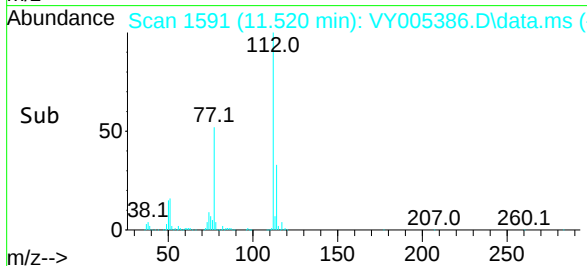
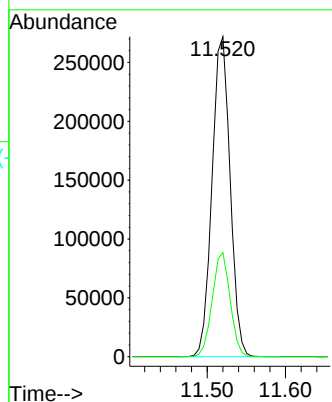
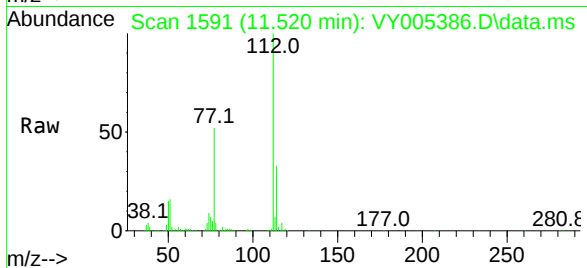




#65  
Chlorobenzene  
Concen: 51.768 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

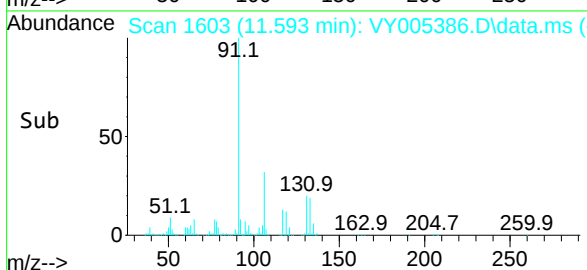
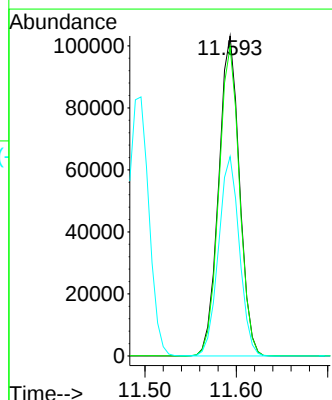
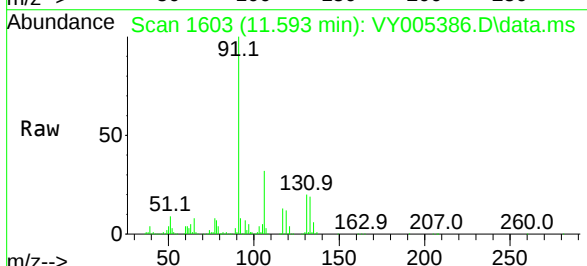
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

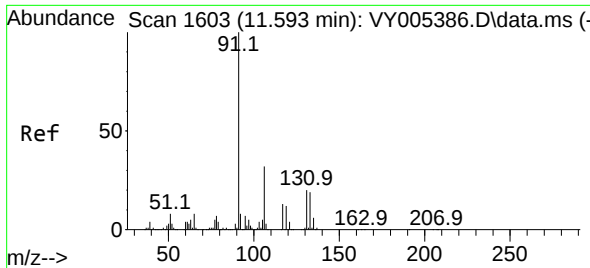
Tgt Ion:112 Resp: 435746  
Ion Ratio Lower Upper  
112 100  
114 32.6 26.1 39.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.120 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion:131 Resp: 163022  
Ion Ratio Lower Upper  
131 100  
133 95.9 47.9 143.8  
119 62.5 31.3 93.8

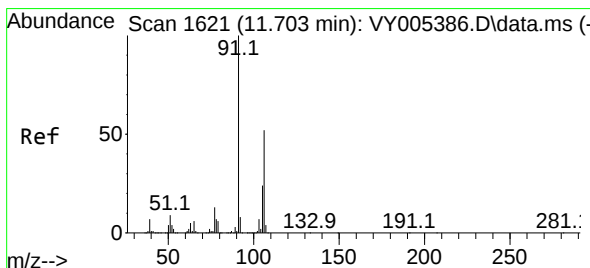
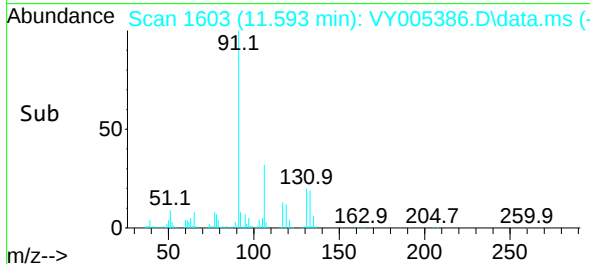
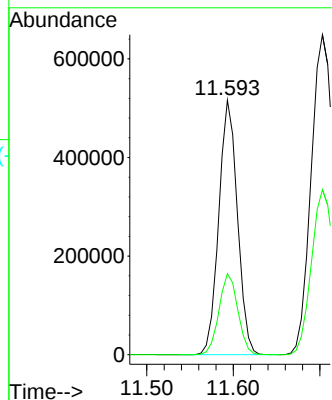
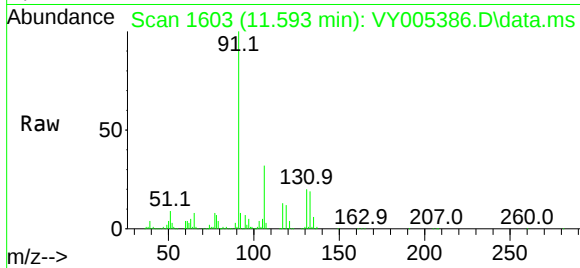




#67  
Ethyl Benzene  
Concen: 52.911 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

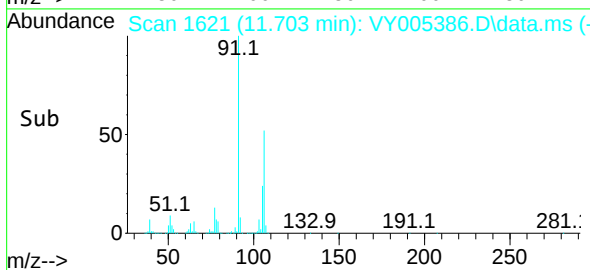
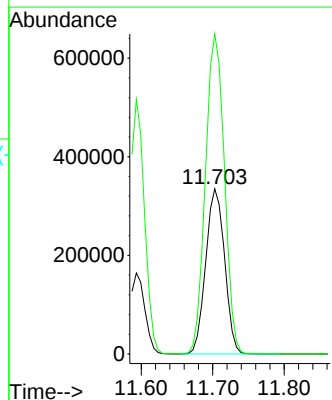
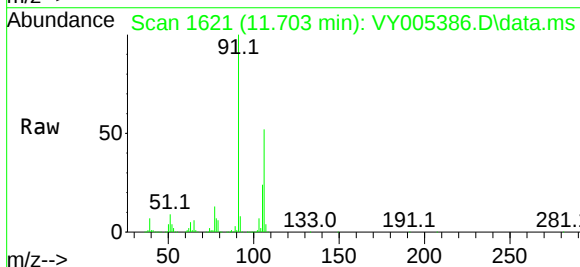
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

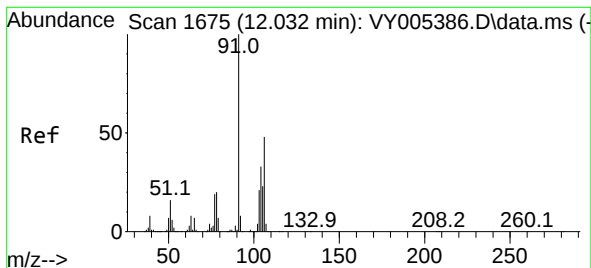
Tgt Ion: 91 Resp: 770455  
Ion Ratio Lower Upper  
91 100  
106 31.8 25.4 38.2



#68  
m/p-Xylenes  
Concen: 105.292 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion:106 Resp: 613117  
Ion Ratio Lower Upper  
106 100  
91 195.0 156.0 234.0

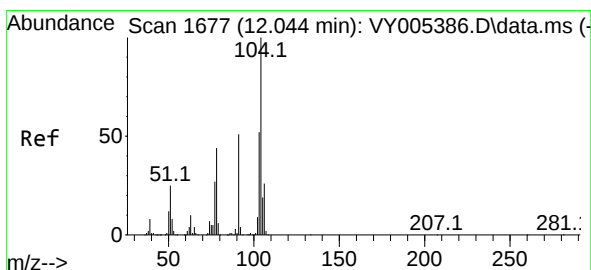
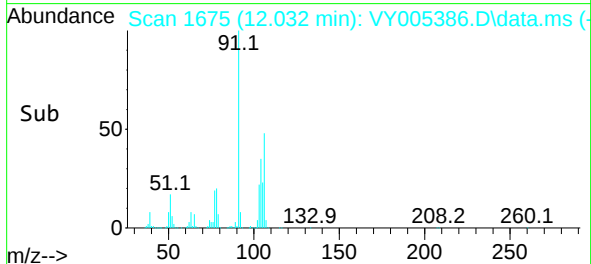
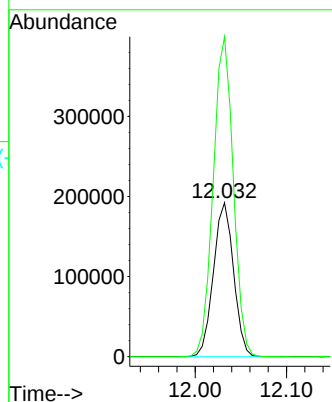
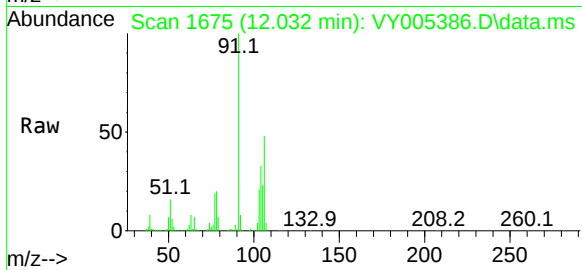




#69  
o-Xylene  
Concen: 53.215 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

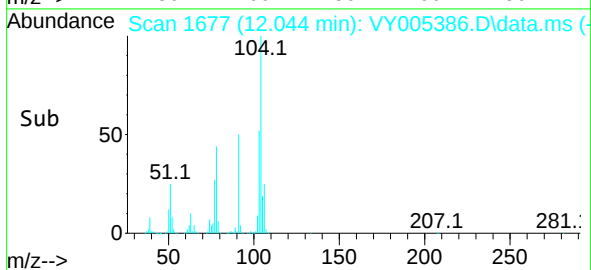
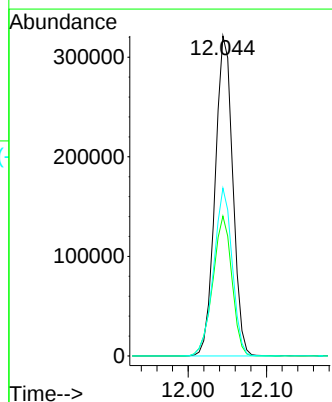
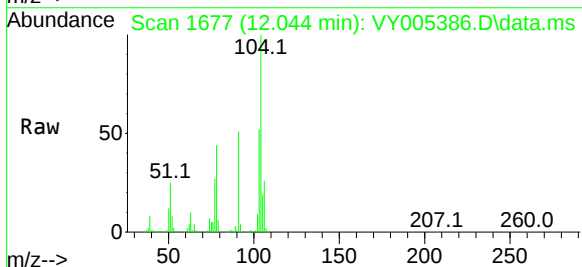
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

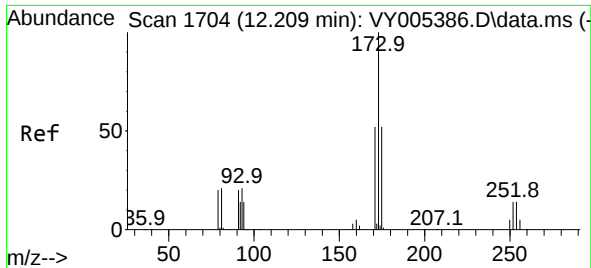
Tgt Ion:106 Resp: 293805  
Ion Ratio Lower Upper  
106 100  
91 208.0 104.0 312.0



#70  
Styrene  
Concen: 54.171 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion:104 Resp: 504255  
Ion Ratio Lower Upper  
104 100  
78 47.1 37.7 56.5  
103 54.9 43.9 65.9

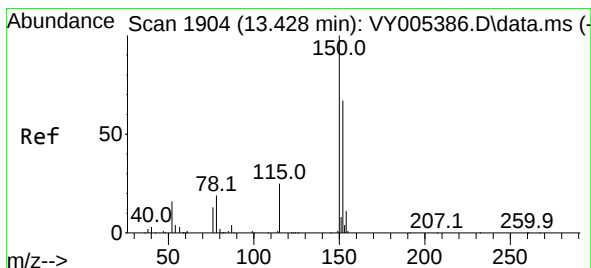
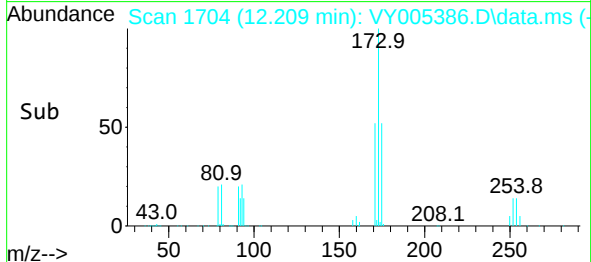
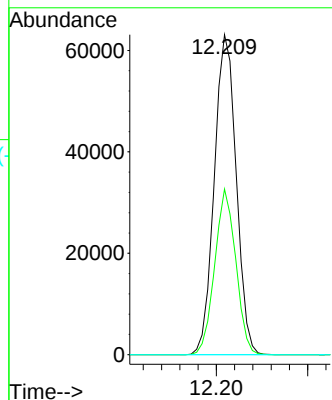
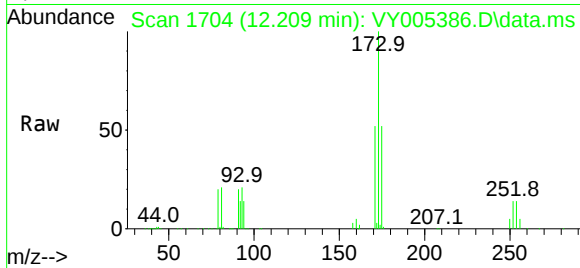




#71  
Bromoform  
Concen: 50.044 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

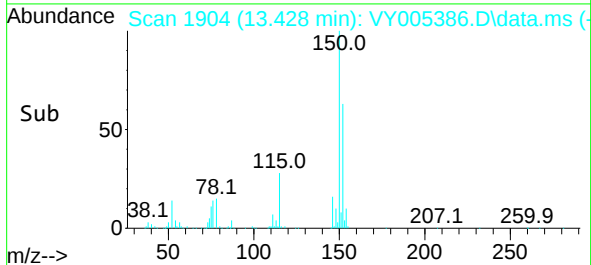
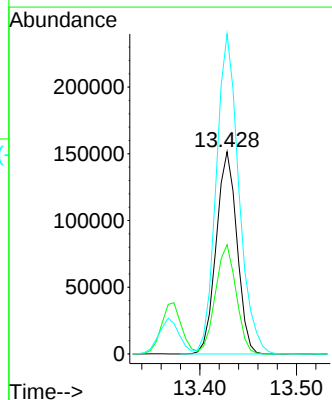
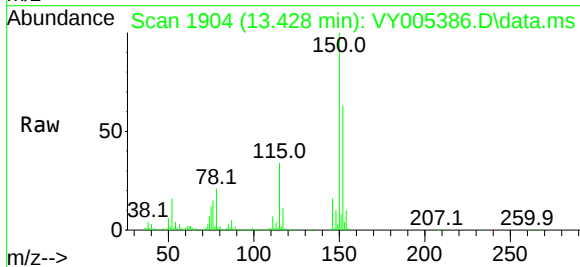
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

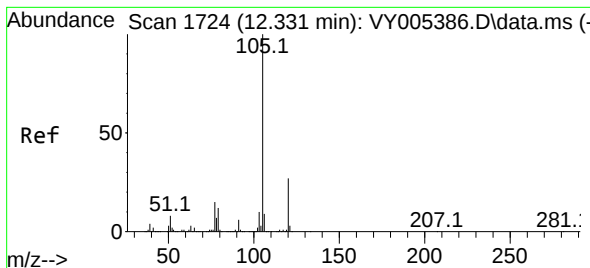
Tgt Ion:173 Resp: 105249  
Ion Ratio Lower Upper  
173 100  
175 49.7 24.9 74.6  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion:152 Resp: 225398  
Ion Ratio Lower Upper  
152 100  
115 53.8 26.9 80.7  
150 172.9 0.0 345.8





#73

Isopropylbenzene

Concen: 52.437 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY005386.D

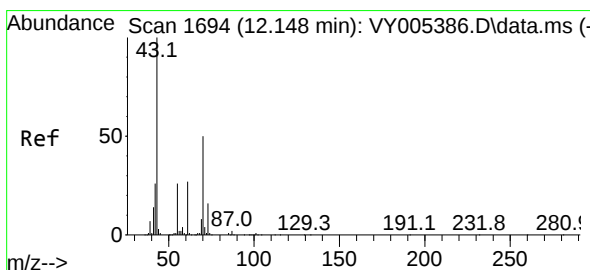
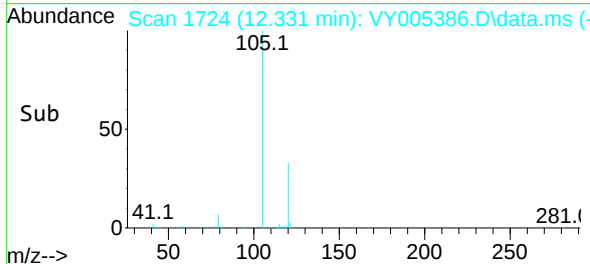
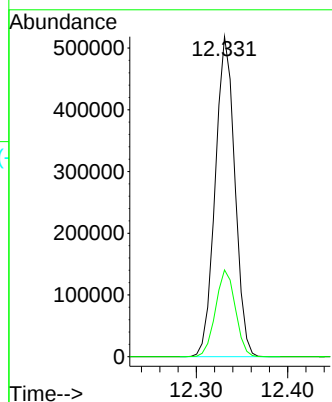
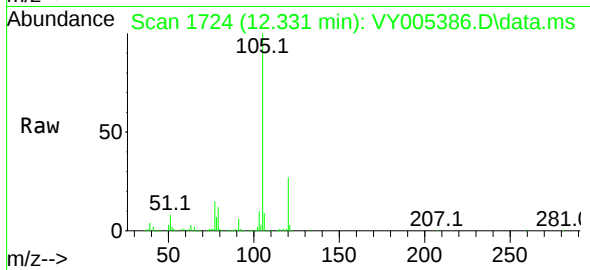
Acq: 08 Jul 2021 14:46

Tgt Ion:105 Resp: 771676

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



#74

N-ethyl acetate

Concen: 53.068 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY005386.D

Acq: 08 Jul 2021 14:46

Tgt Ion: 43 Resp: 184997

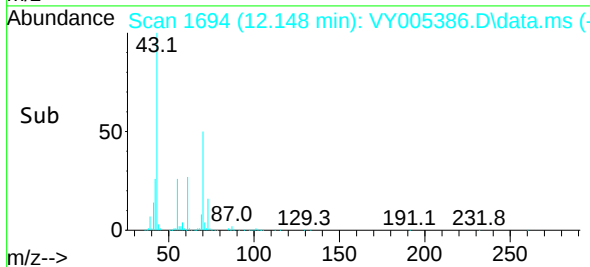
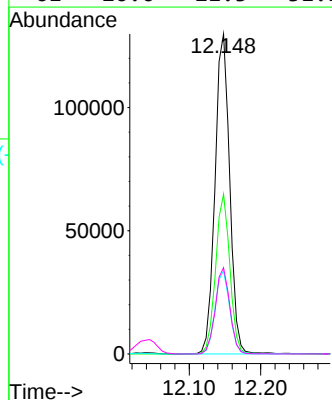
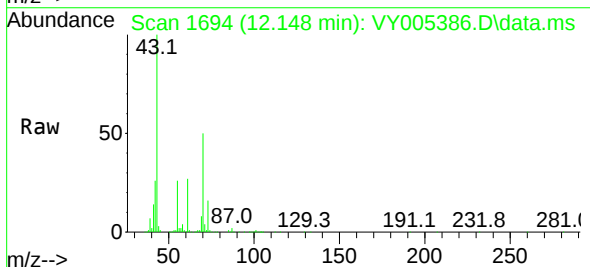
Ion Ratio Lower Upper

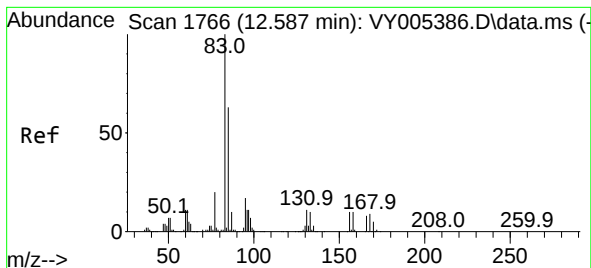
43 100

70 48.4 38.7 58.1

55 26.2 21.0 31.4

61 26.6 21.3 31.9

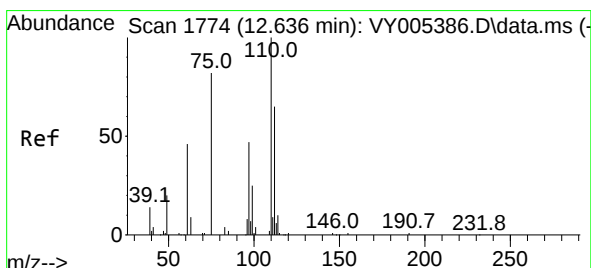
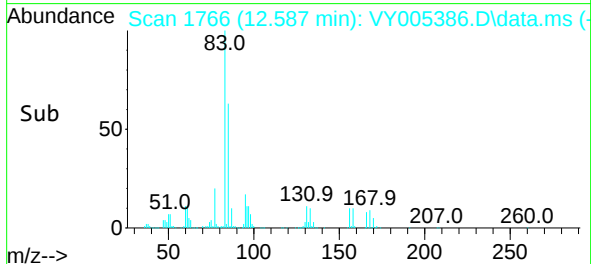
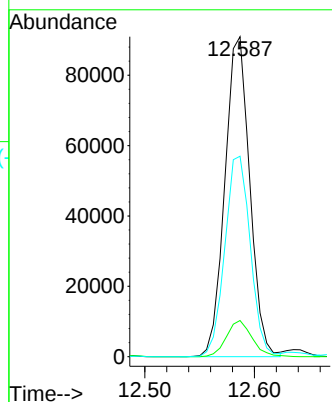
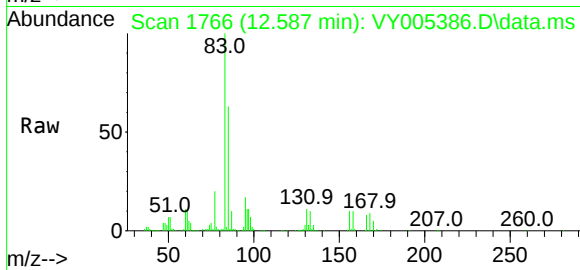




#75  
1,1,2,2-Tetrachloroethane  
Concen: 49.822 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

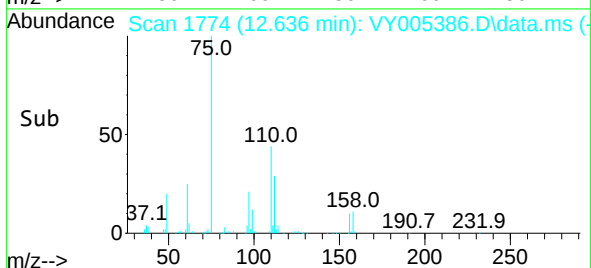
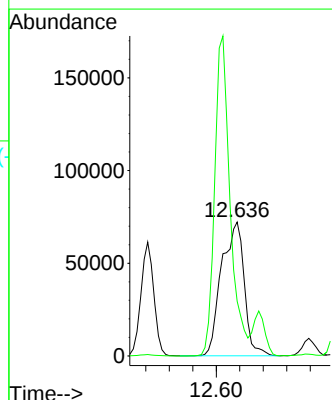
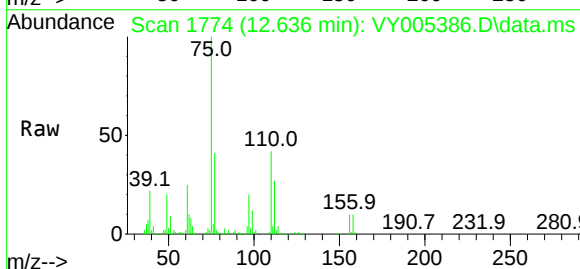
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

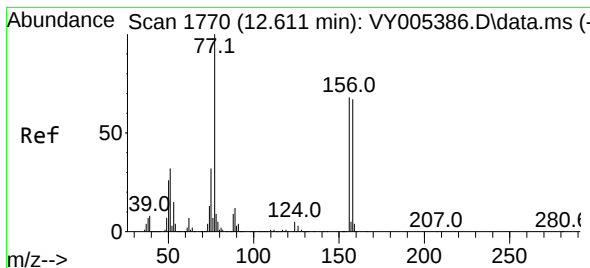
Tgt Ion: 83 Resp: 143590  
Ion Ratio Lower Upper  
83 100  
131 11.6 5.8 17.4  
85 64.2 32.1 96.3



#76  
1,2,3-Trichloropropane  
Concen: 97.116 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 75 Resp: 193959  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

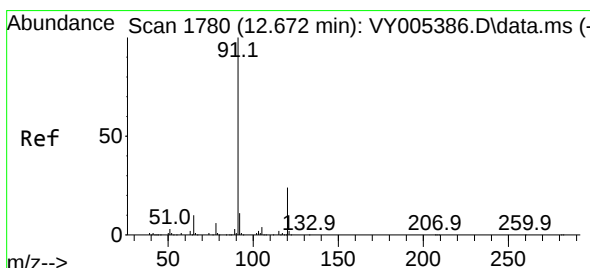
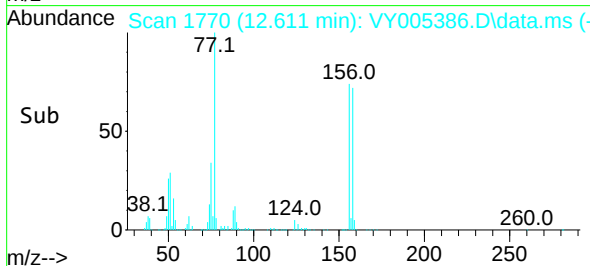
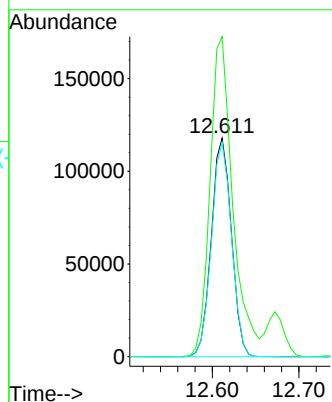
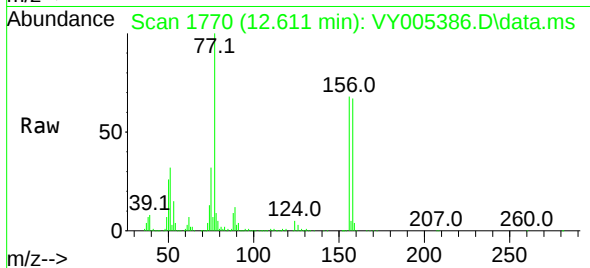




#77  
Bromobenzene  
Concen: 49.082 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

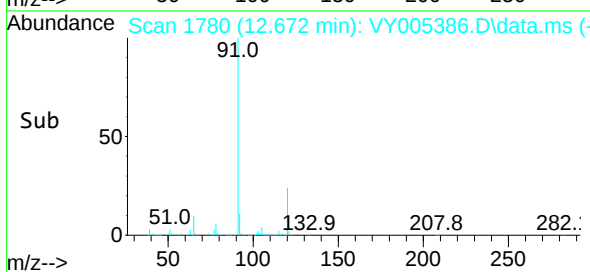
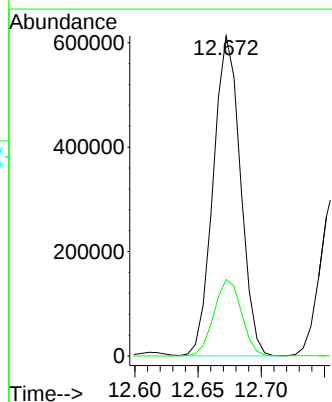
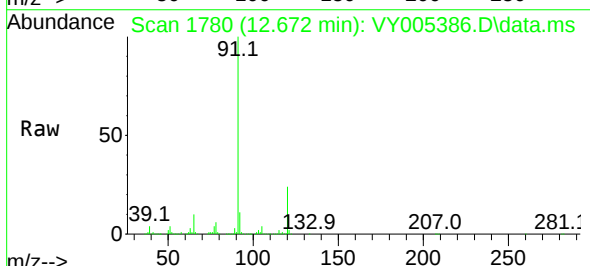
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

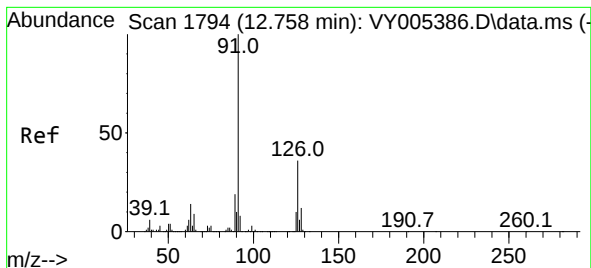
Tgt Ion:156 Resp: 189366  
Ion Ratio Lower Upper  
156 100  
77 166.1 83.0 249.2  
158 97.7 48.9 146.6



#78  
n-propylbenzene  
Concen: 52.651 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 91 Resp: 914265  
Ion Ratio Lower Upper  
91 100  
120 24.2 12.1 36.3

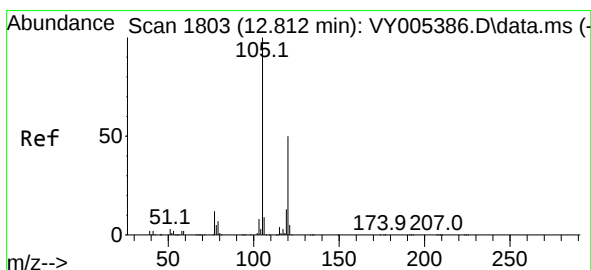
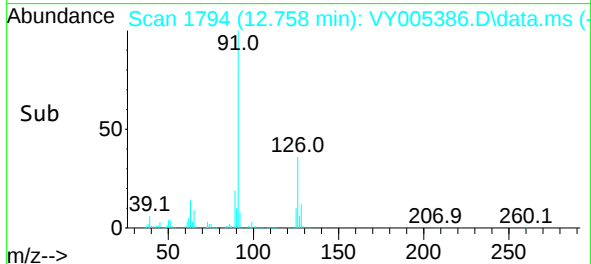
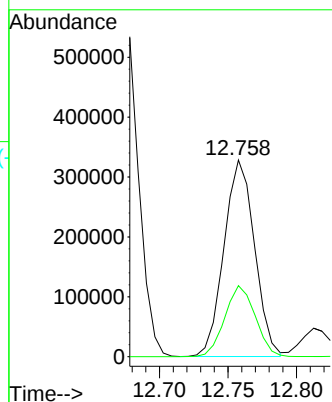
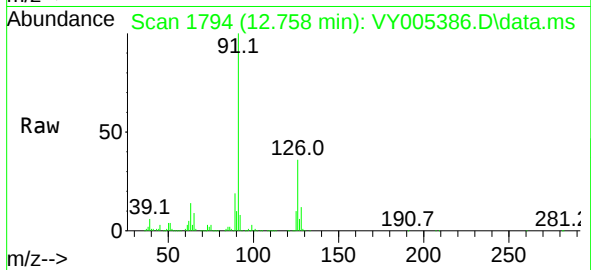




#79  
2-Chlorotoluene  
Concen: 52.099 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

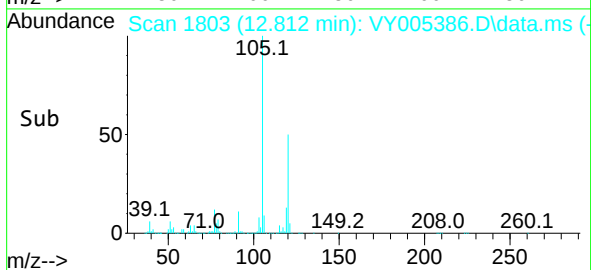
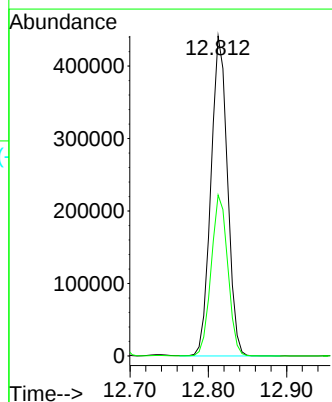
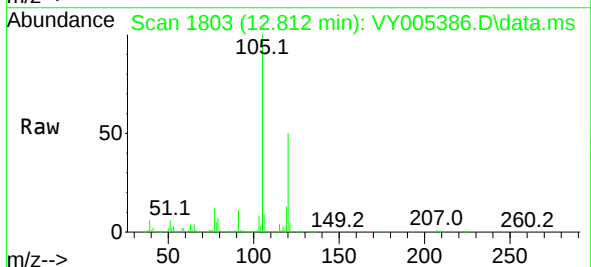
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

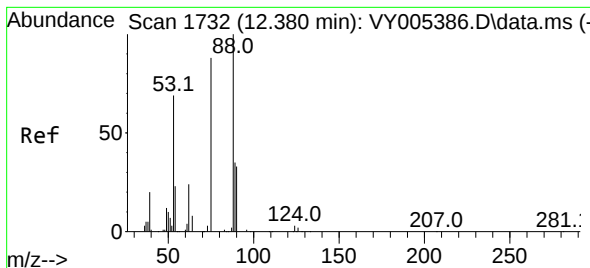
Tgt Ion: 91 Resp: 510004  
Ion Ratio Lower Upper  
91 100  
126 36.0 18.0 54.0



#80  
1,3,5-Trimethylbenzene  
Concen: 53.056 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 105 Resp: 647083  
Ion Ratio Lower Upper  
105 100  
120 50.4 25.2 75.6

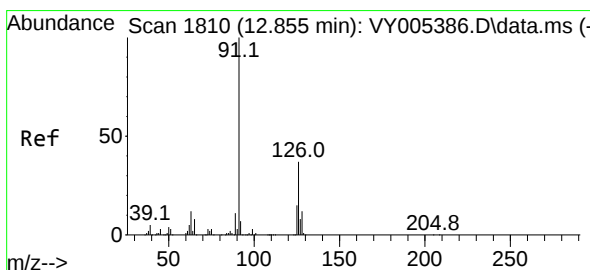
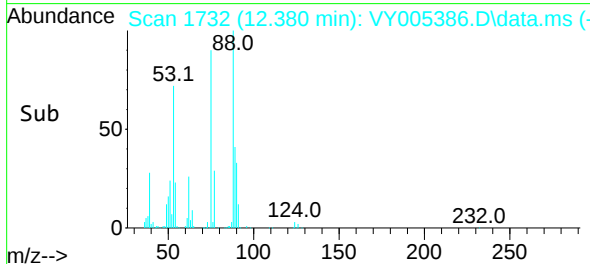
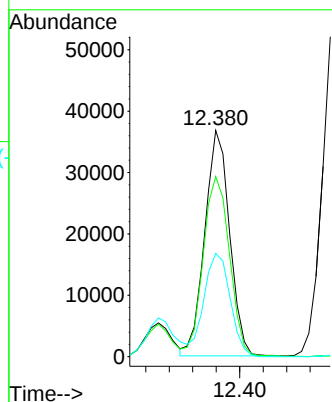
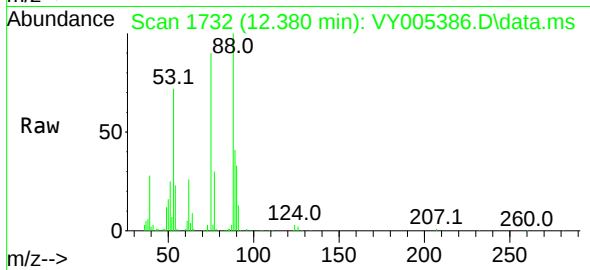




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.396 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

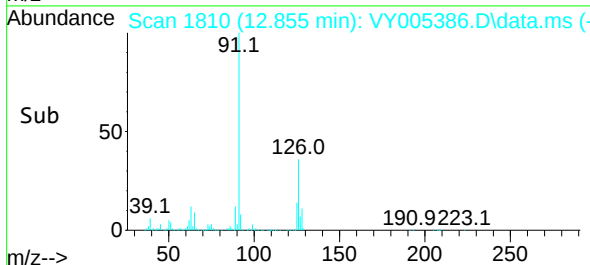
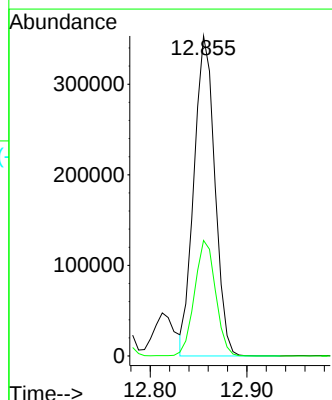
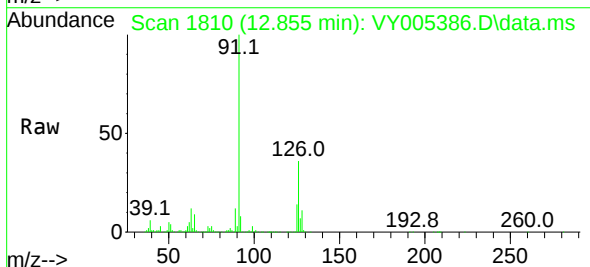
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

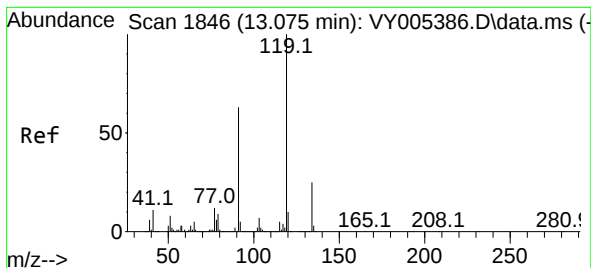
Tgt Ion: 75 Resp: 53962  
Ion Ratio Lower Upper  
75 100  
53 85.0 68.0 102.0  
89 48.3 38.6 58.0



#82  
4-Chlorotoluene  
Concen: 52.164 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 91 Resp: 528618  
Ion Ratio Lower Upper  
91 100  
126 36.5 18.3 54.8

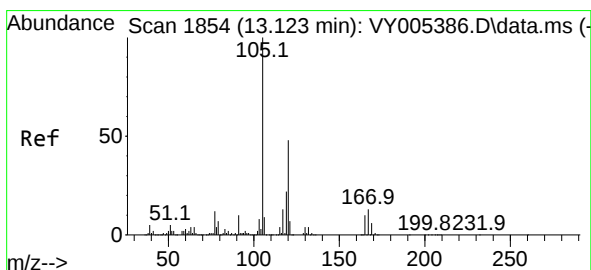
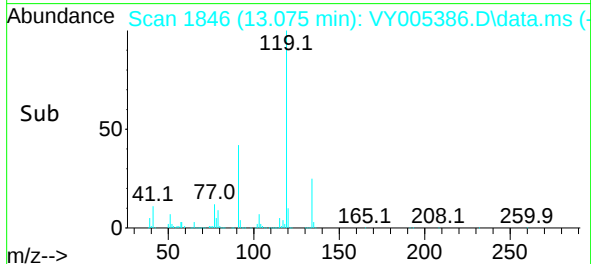
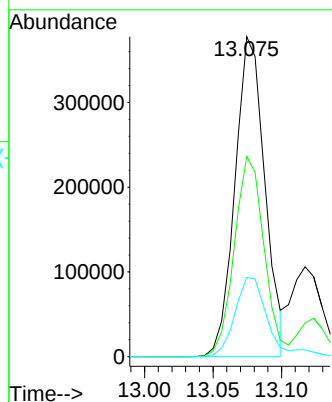
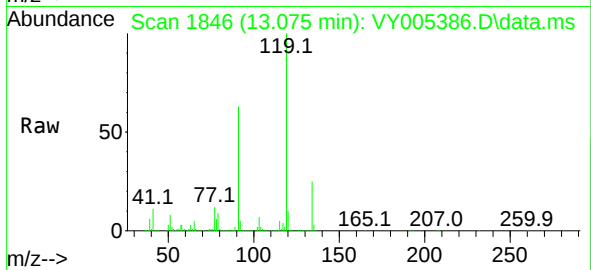




#83  
tert-Butylbenzene  
Concen: 52.910 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

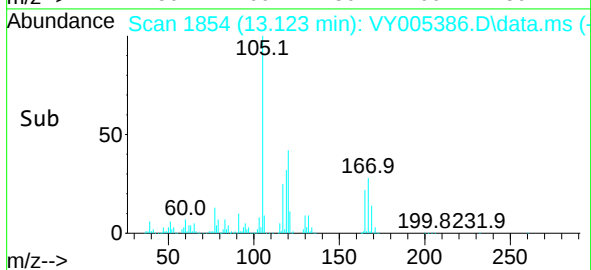
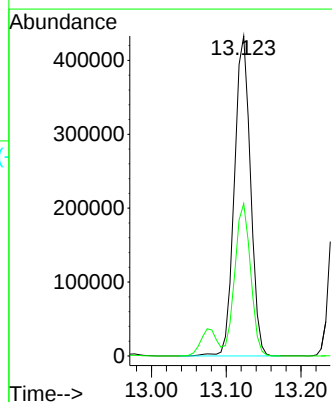
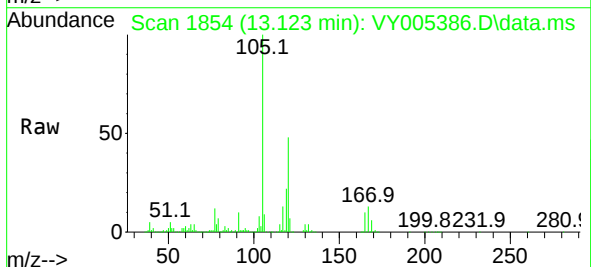
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

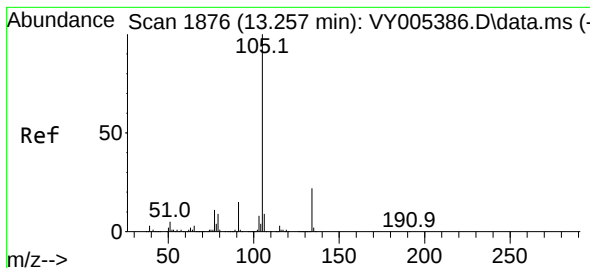
Tgt Ion:119 Resp: 572313  
Ion Ratio Lower Upper  
119 100  
91 62.6 31.3 93.9  
134 27.3 13.7 41.0



#84  
1,2,4-Trimethylbenzene  
Concen: 53.531 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion:105 Resp: 646901  
Ion Ratio Lower Upper  
105 100  
120 46.9 23.4 70.3

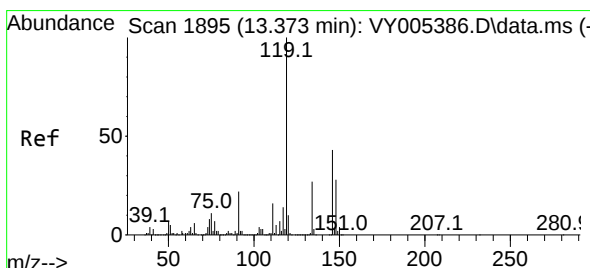
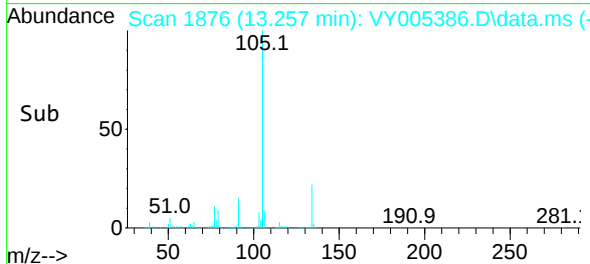
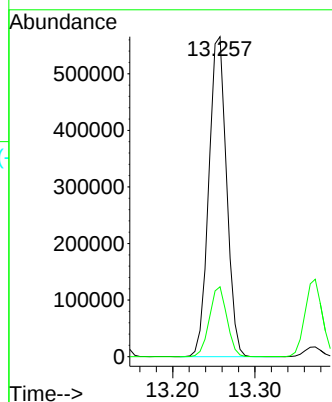
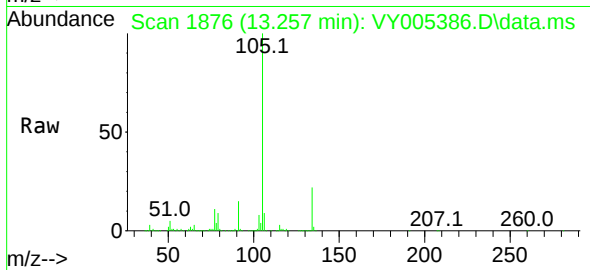




#85  
 sec-Butylbenzene  
 Concen: 53.585 ug/l  
 RT: 13.257 min Scan# 1876  
 Delta R.T. 0.000 min  
 Lab File: VY005386.D  
 Acq: 08 Jul 2021 14:46

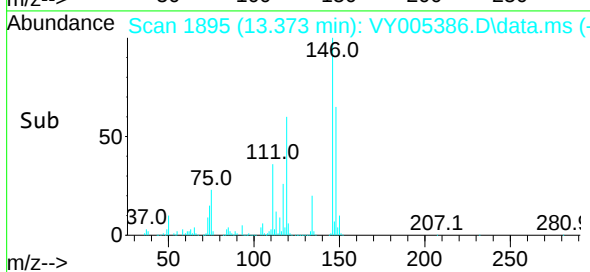
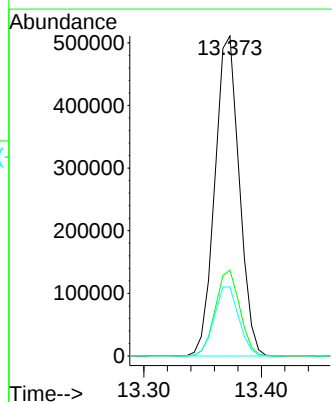
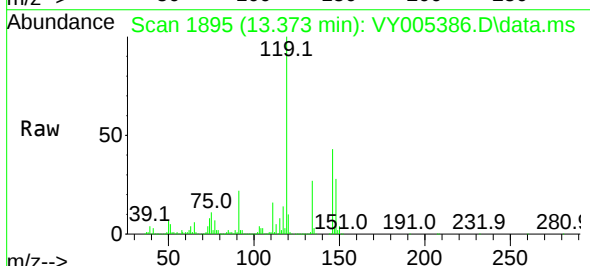
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

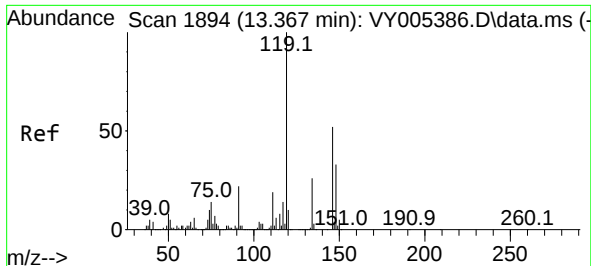
Tgt Ion:105 Resp: 848108  
 Ion Ratio Lower Upper  
 105 100  
 134 21.6 10.8 32.4



#86  
 p-Isopropyltoluene  
 Concen: 53.865 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.000 min  
 Lab File: VY005386.D  
 Acq: 08 Jul 2021 14:46

Tgt Ion:119 Resp: 736458  
 Ion Ratio Lower Upper  
 119 100  
 134 27.0 13.5 40.5  
 91 22.0 11.0 33.0

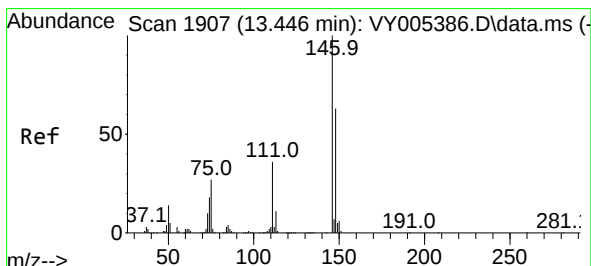
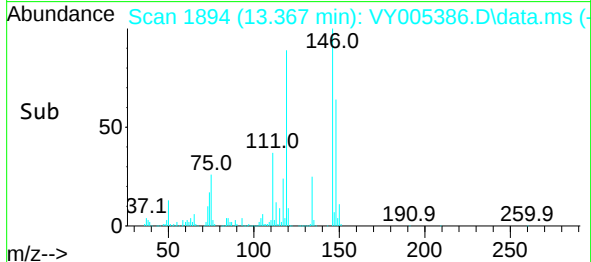
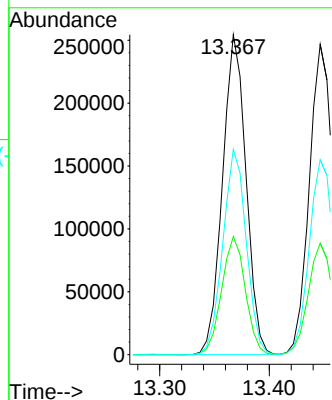
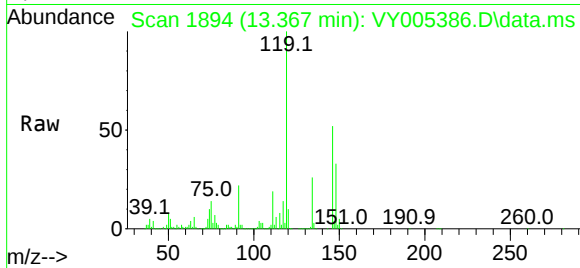




#87  
1,3-Dichlorobenzene  
Concen: 51.035 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

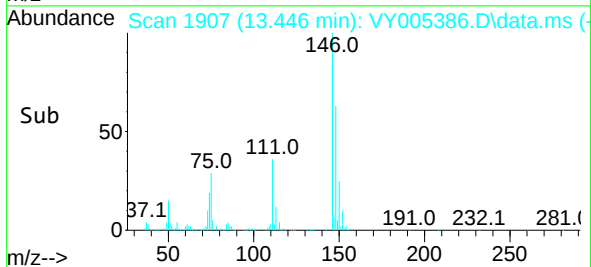
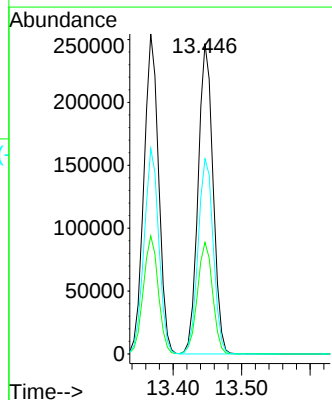
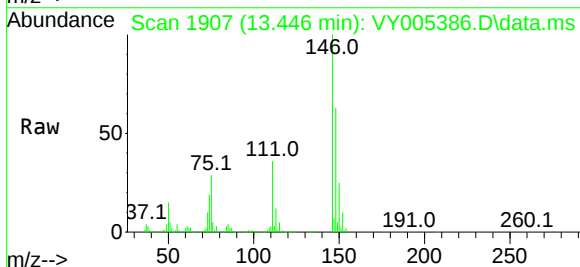
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

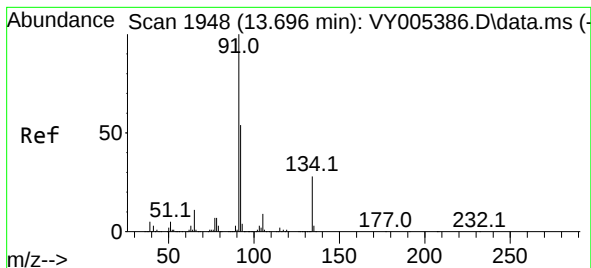
Tgt Ion:146 Resp: 379504  
Ion Ratio Lower Upper  
146 100  
111 37.2 18.6 55.8  
148 64.0 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 50.932 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion:146 Resp: 374334  
Ion Ratio Lower Upper  
146 100  
111 36.4 18.2 54.6  
148 64.0 32.0 96.0

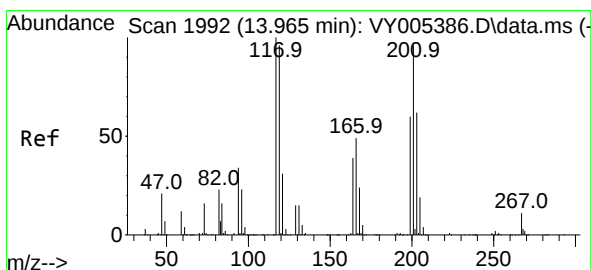
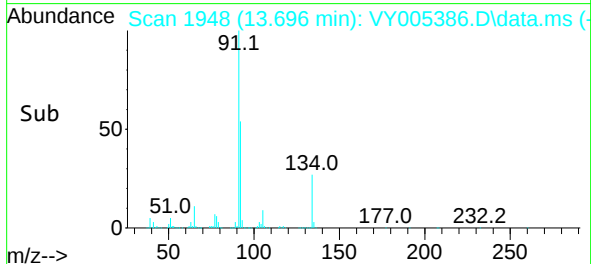
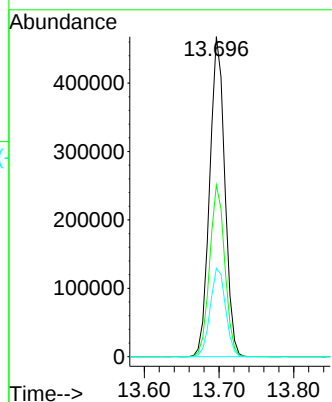
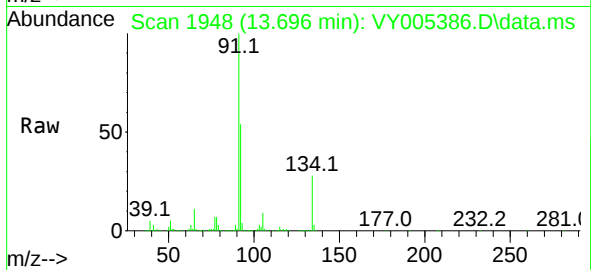




#89  
n-Butylbenzene  
Concen: 54.488 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

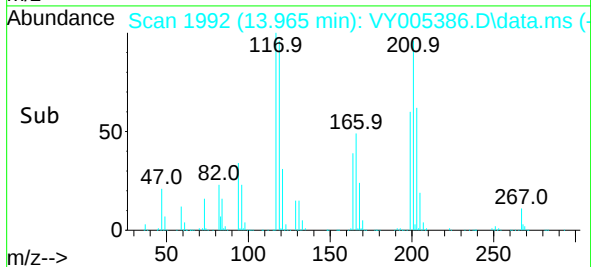
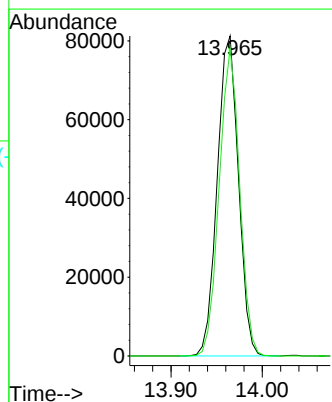
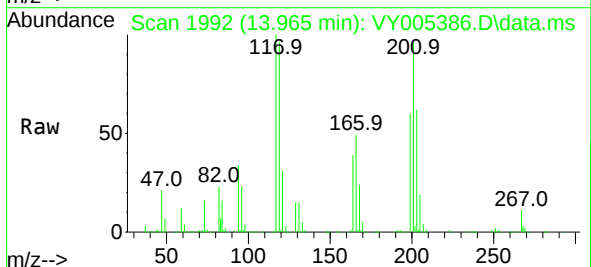
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

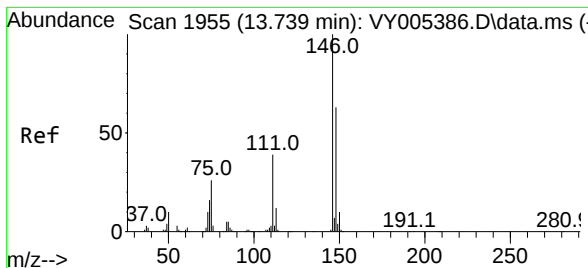
Tgt Ion: 91 Resp: 656743  
Ion Ratio Lower Upper  
91 100  
92 53.6 26.8 80.4  
134 28.2 14.1 42.3



#90  
Hexachloroethane  
Concen: 53.056 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 117 Resp: 130818  
Ion Ratio Lower Upper  
117 100  
201 93.1 46.6 139.7

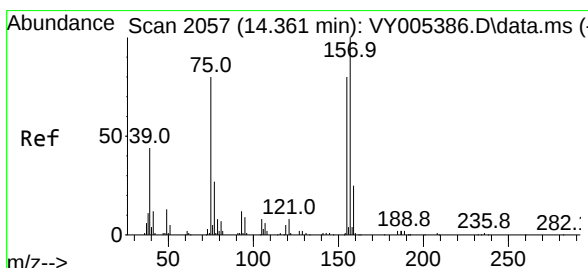
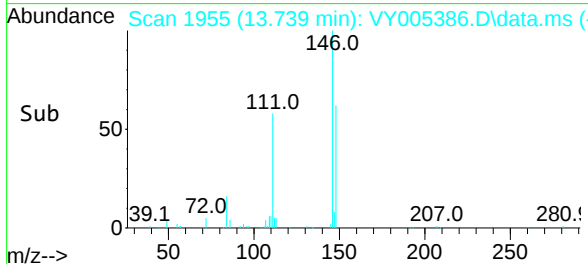
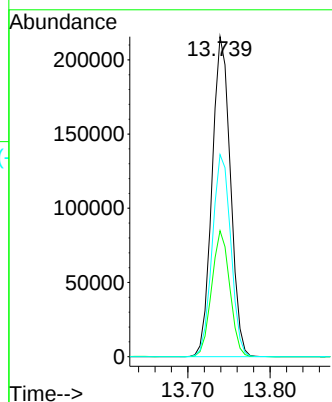
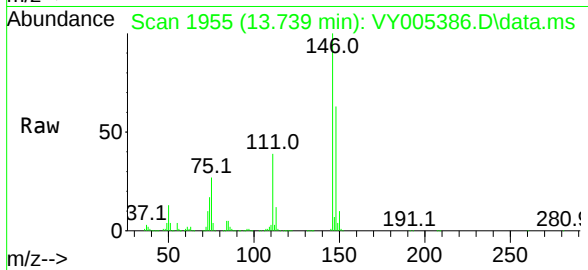




#91  
1,2-Dichlorobenzene  
Concen: 50.843 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

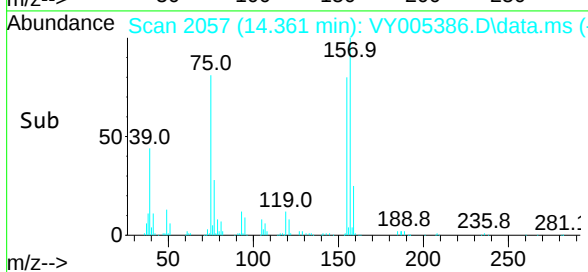
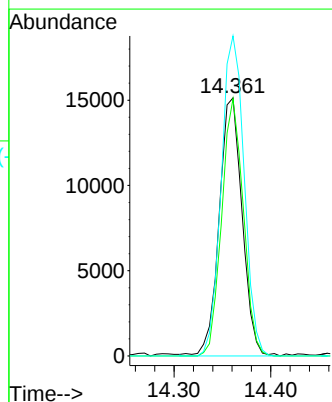
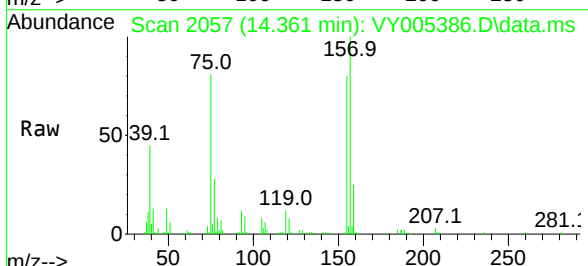
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

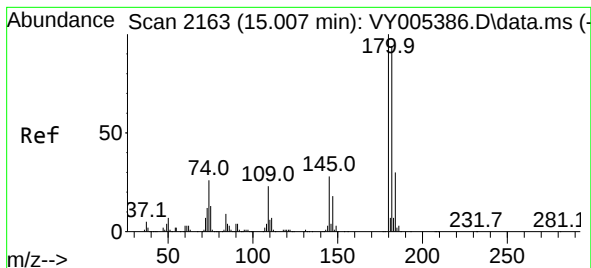
Tgt Ion:146 Resp: 334832  
Ion Ratio Lower Upper  
146 100  
111 38.7 19.4 58.1  
148 63.7 31.9 95.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 51.523 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion: 75 Resp: 24942  
Ion Ratio Lower Upper  
75 100  
155 93.6 46.8 140.4  
157 123.6 61.8 185.4

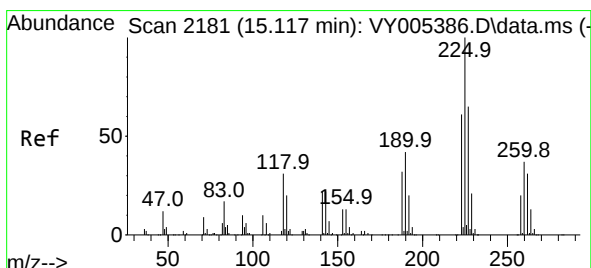
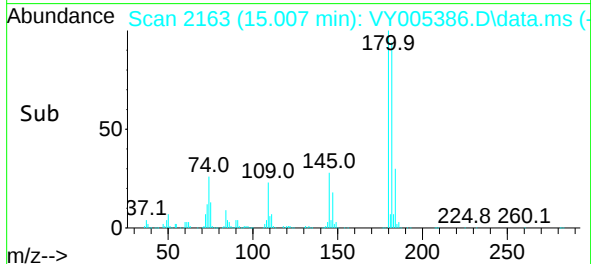
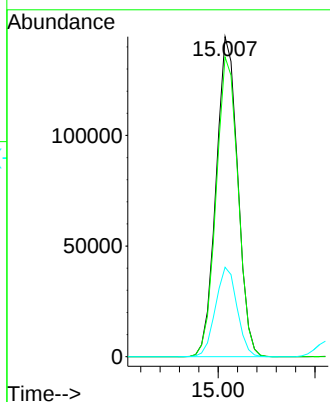
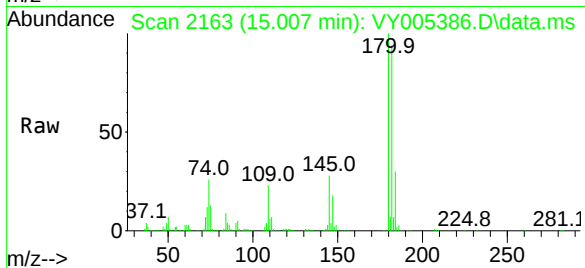




#93  
1,2,4-Trichlorobenzene  
Concen: 48.746 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

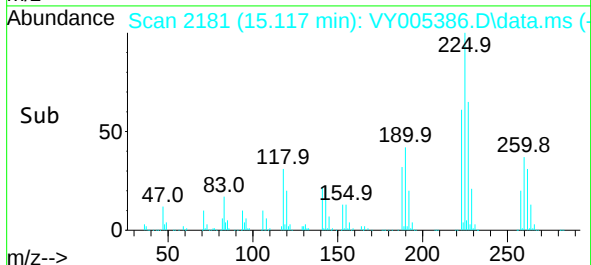
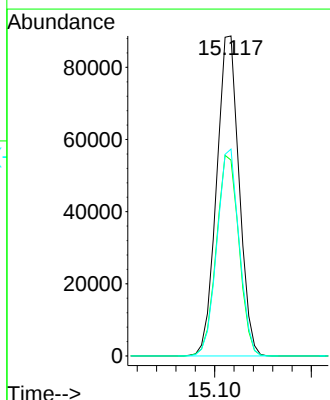
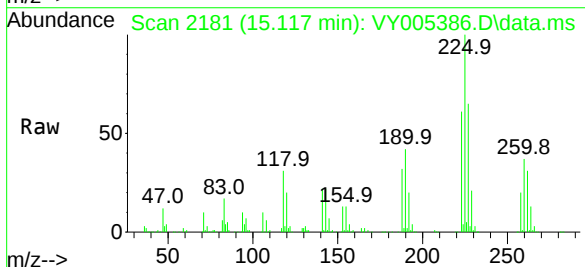
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

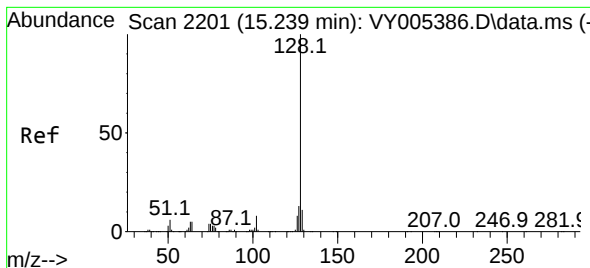
Tgt Ion:180 Resp: 223919  
Ion Ratio Lower Upper  
180 100  
182 95.0 47.5 142.5  
145 27.9 14.0 41.9



#94  
Hexachlorobutadiene  
Concen: 49.730 ug/l  
RT: 15.117 min Scan# 2181  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion:225 Resp: 143038  
Ion Ratio Lower Upper  
225 100  
223 62.9 31.4 94.3  
227 63.8 31.9 95.7

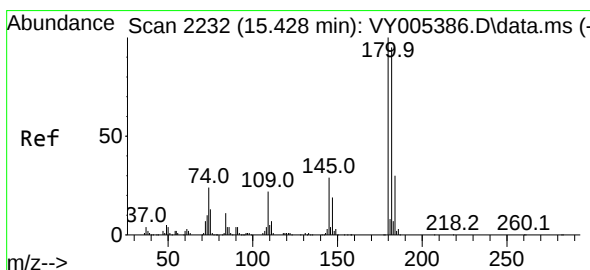
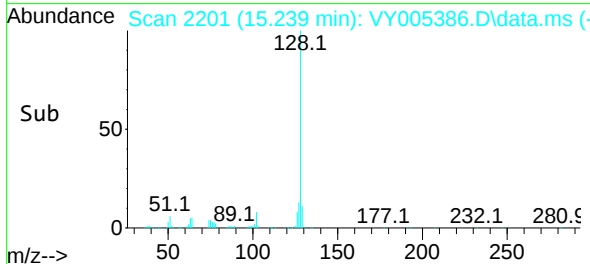
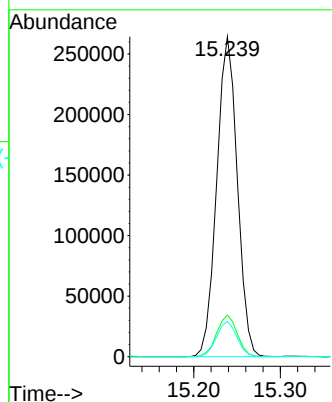
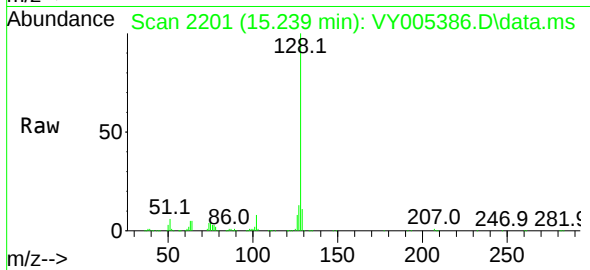




#95  
Naphthalene  
Concen: 51.238 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Tgt Ion:128 Resp: 436302  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.4 15.6  
129 11.0 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 48.295 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.000 min  
Lab File: VY005386.D  
Acq: 08 Jul 2021 14:46

Tgt Ion:180 Resp: 194503  
Ion Ratio Lower Upper  
180 100  
182 95.7 47.9 143.6  
145 29.3 14.6 44.0

