

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY051921\  
 Data File : VY004847.D  
 Acq On : 19 May 2021 12:20  
 Operator : SY/MD  
 Sample : VSTD10031  
 Misc : 5.00G/10ML/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: May 20 01:30:54 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\SFAMYL051921SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu May 20 01:29:16 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 8.697  | 114  | 330903   | 25.00  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.495 | 117  | 313762   | 25.00  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.428 | 152  | 150951   | 25.00  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 2.247  | 65   | 557967   | 85.80  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 2.759  | 69   | 408835   | 83.59  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 3.863  | 63   | 972932   | 93.06  | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 6.899  | 46   | 449275   | 213.01 | ug/L  | 0.00     |
| 24) Chloroform-d              | 7.490  | 84   | 818938   | 85.64  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.149  | 65   | 543880   | 93.95  | ug/L  | 0.00     |
| 32) Benzene-d6                | 8.118  | 84   | 1902612  | 99.84  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.124  | 67   | 612193   | 103.62 | ug/L  | 0.00     |
| 41) Toluene-d8                | 10.185 | 98   | 1763845  | 98.15  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.441 | 79   | 297381   | 99.06  | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 10.794 | 63   | 345515   | 221.13 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.562 | 84   | 532215   | 98.53  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.727 | 152  | 554691   | 96.24  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.906  | 85   | 440385   | 72.56  | ug/L  | 100      |
| 3) Chloromethane              | 2.119  | 50   | 521297   | 75.31  | ug/L  | 99       |
| 5) Vinyl chloride             | 2.253  | 62   | 549562   | 80.98  | ug/L  | 100      |
| 6) Bromomethane               | 2.650  | 94   | 228261   | 60.26  | ug/L  | 99       |
| 8) Chloroethane               | 2.796  | 64   | 324059   | 76.44  | ug/L  | 98       |
| 9) Trichlorofluoromethane     | 3.131  | 101  | 707247   | 84.70  | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 3.905  | 101  | 435357   | 91.03  | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 3.881  | 96   | 408201   | 88.78  | ug/L  | 97       |
| 13) Acetone                   | 3.960  | 43   | 240520   | 155.92 | ug/L  | 97       |
| 14) Carbon disulfide          | 4.204  | 76   | 1217182  | 77.64  | ug/L  | 100      |
| 15) Methyl Acetate            | 4.491  | 43   | 343959   | 92.58  | ug/L  | 99       |
| 16) Methylene chloride        | 4.728  | 84   | 449861   | 78.40  | ug/L  | 98       |
| 17) trans-1,2-Dichloroethene  | 5.228  | 96   | 442630   | 91.07  | ug/L  | 98       |
| 18) Methyl tert-butyl Ether   | 5.234  | 73   | 1292402  | 94.21  | ug/L  | 100      |
| 19) 1,1-Dichloroethane        | 6.027  | 63   | 839309   | 92.41  | ug/L  | 100      |
| 20) cis-1,2-Dichloroethene    | 6.996  | 96   | 481469   | 94.30  | ug/L  | 99       |
| 22) 2-Butanone                | 6.996  | 43   | 448754   | 187.83 | ug/L  | 100      |
| 23) Bromochloromethane        | 7.344  | 128  | 214723   | 88.18  | ug/L  | 99       |
| 25) Chloroform                | 7.515  | 83   | 907903   | 99.11  | ug/L  | 99       |
| 27) 1,2-Dichloroethane        | 8.246  | 62   | 584175   | 86.62  | ug/L  | 100      |
| 29) Cyclohexane               | 7.789  | 56   | 831329   | 94.64  | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 7.710  | 97   | 717727   | 87.23  | ug/L  | 99       |
| 31) Carbon tetrachloride      | 7.905  | 117  | 607172   | 83.73  | ug/L  | 100      |
| 33) Benzene                   | 8.167  | 78   | 1879829  | 93.57  | ug/L  | 100      |
| 34) Trichloroethene           | 8.947  | 95   | 481415   | 90.44  | ug/L  | 99       |
| 35) Methylcyclohexane         | 9.185  | 83   | 835197   | 94.67  | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 9.222  | 63   | 502422   | 93.04  | ug/L  | 100      |
| 38) Bromodichloromethane      | 9.502  | 83   | 624356   | 89.09  | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 9.935  | 75   | 805457   | 96.04  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 10.075 | 43   | 1035576  | 196.82 | ug/L  | 98       |
| 42) Toluene                   | 10.246 | 91   | 2034100  | 93.25  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 10.471 | 75   | 744777   | 95.73  | ug/L  | 98       |

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 Sample : VSTD10031  
 Misc : 5.00G/10ML/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: May 20 01:30:54 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\SFAMYL051921SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu May 20 01:29:16 2021  
 Response via : Initial Calibration

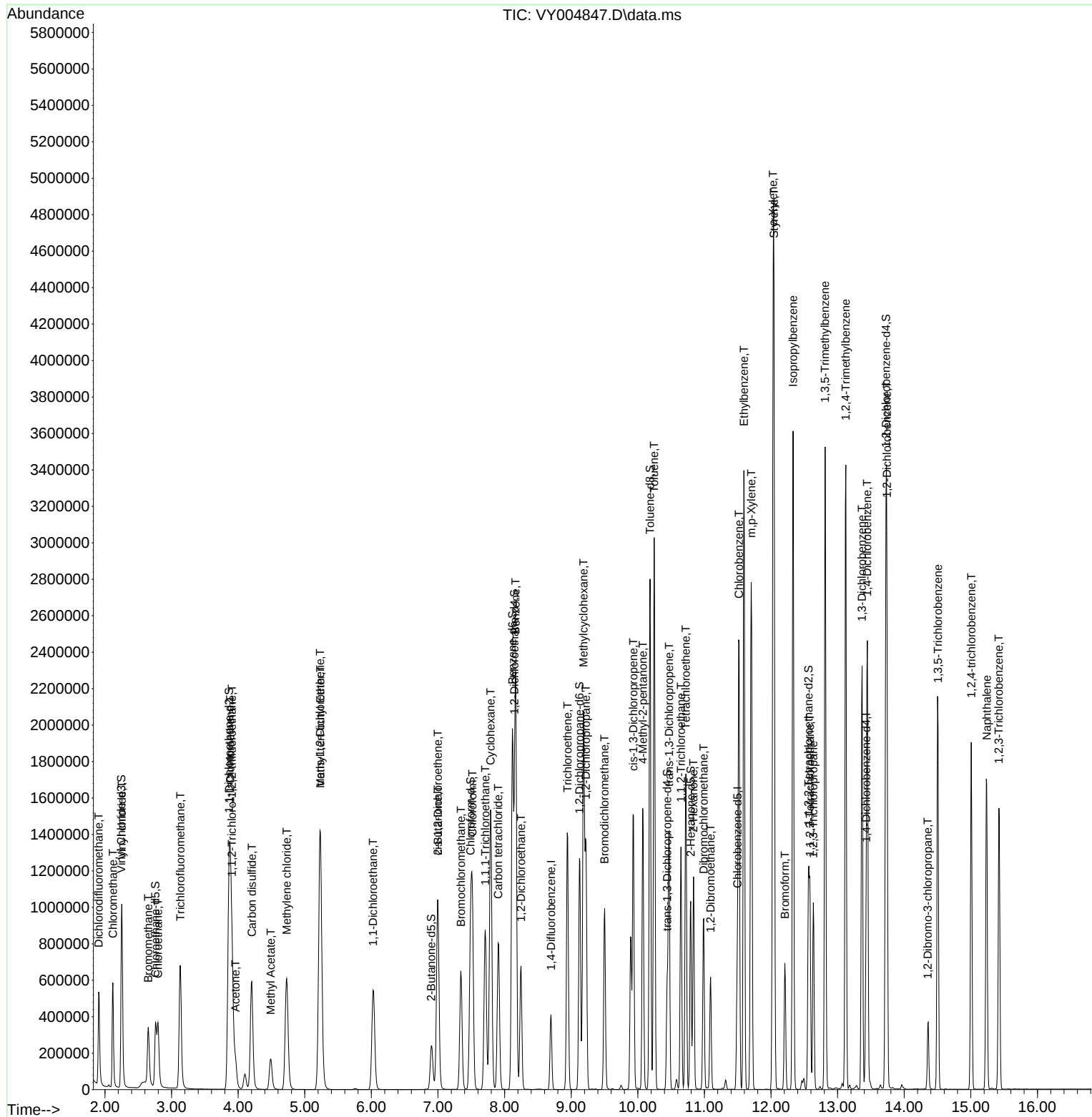
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 10.648 | 97   | 388647   | 95.67  | ug/L  | 98       |
| 46) Tetrachloroethene         | 10.721 | 164  | 354913   | 82.10  | ug/L  | 96       |
| 48) 2-Hexanone                | 10.837 | 43   | 726815   | 194.15 | ug/L  | 99       |
| 49) Dibromochloromethane      | 10.989 | 129  | 453111   | 91.23  | ug/L  | 97       |
| 50) 1,2-Dibromoethane         | 11.093 | 107  | 381388   | 95.58  | ug/L  | 100      |
| 51) Chlorobenzene             | 11.520 | 112  | 1231836  | 90.11  | ug/L  | 99       |
| 52) Ethylbenzene              | 11.593 | 91   | 2235833  | 92.26  | ug/L  | 100      |
| 53) m,p-Xylene                | 11.703 | 106  | 832653   | 91.95  | ug/L  | 99       |
| 54) o-Xylene                  | 12.032 | 106  | 813049   | 93.89  | ug/L  | 100      |
| 55) Styrene                   | 12.044 | 104  | 1423925  | 94.73  | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 473085   | 91.02  | ug/L  | 98       |
| 59) Bromoform                 | 12.209 | 173  | 285559   | 92.06  | ug/L  | 99       |
| 60) Isopropylbenzene          | 12.331 | 105  | 2162512  | 99.69  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 12.636 | 75   | 380589   | 98.44  | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 1769000  | 96.81  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 1762119  | 97.95  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 13.367 | 146  | 883771   | 89.86  | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 13.446 | 146  | 883975   | 89.74  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 13.739 | 146  | 819367   | 89.51  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 14.355 | 75   | 86250    | 93.38  | ug/L  | 96       |
| 69) 1,3,5-Trichlorobenzene    | 14.507 | 180  | 600433   | 85.32  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 15.007 | 180  | 519919   | 88.96  | ug/L  | 99       |
| 71) Naphthalene               | 15.239 | 128  | 1359619  | 108.15 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 471245   | 92.49  | ug/L  | 100      |

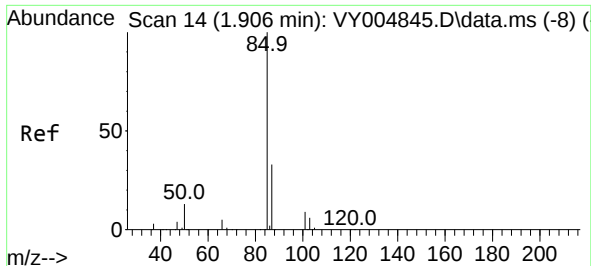
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VSTD10031  
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Quant Time: May 20 01:30:54 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\SFAMYL051921SMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu May 20 01:29:16 2021  
Response via : Initial Calibration

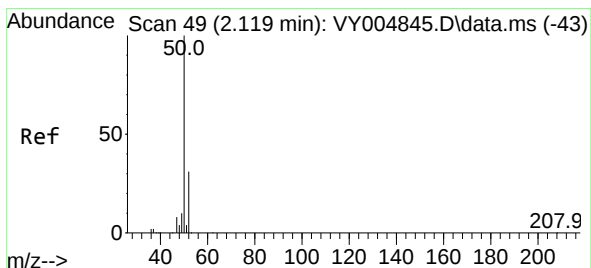
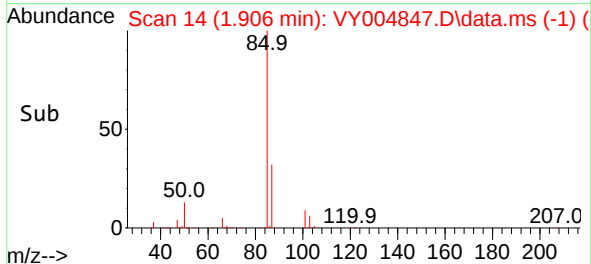
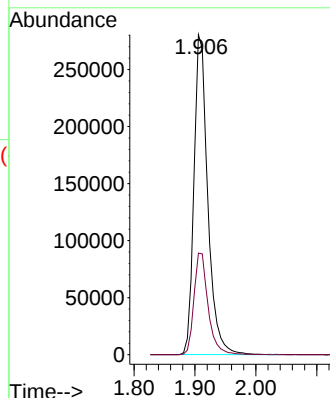
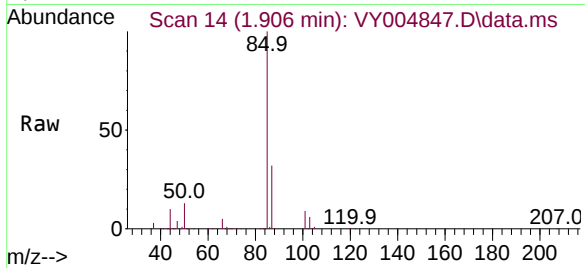




#2  
Dichlorodifluoromethane  
Concen: 72.56 ug/L  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

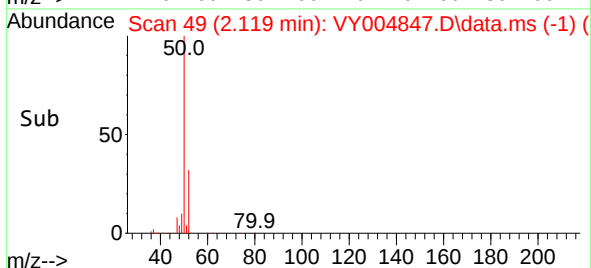
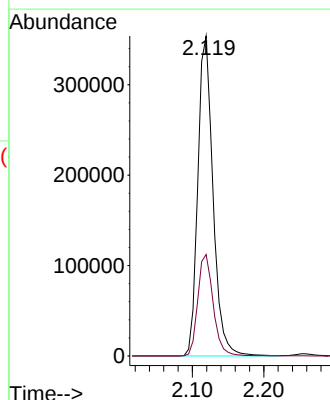
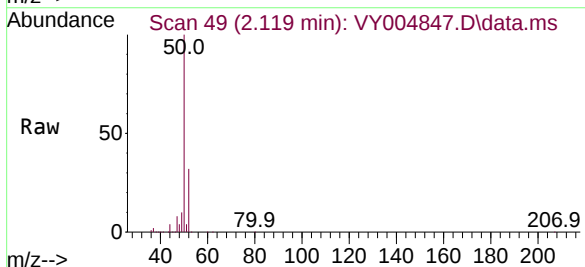
Instrument :  
MSVOA\_Y  
ClientSampled :

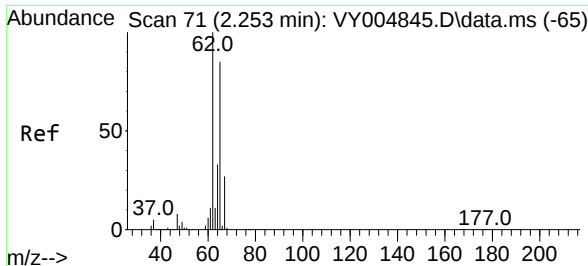
Tgt Ion: 85 Resp: 440385  
Ion Ratio Lower Upper  
85 100  
87 32.6 26.2 39.2



#3  
Chloromethane  
Concen: 75.31 ug/L  
RT: 2.119 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

Tgt Ion: 50 Resp: 521297  
Ion Ratio Lower Upper  
50 100  
52 31.7 21.8 40.4

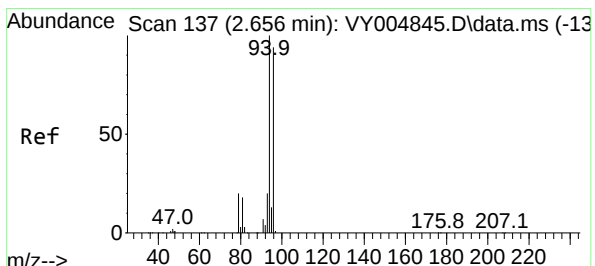
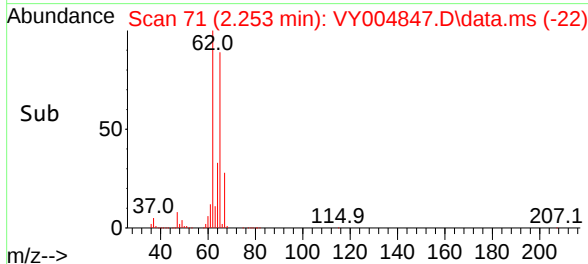
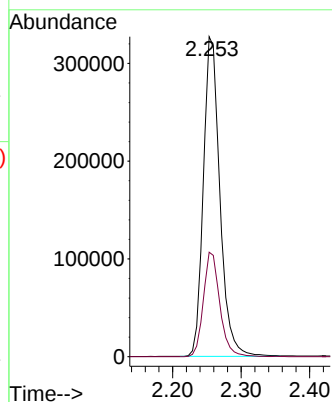
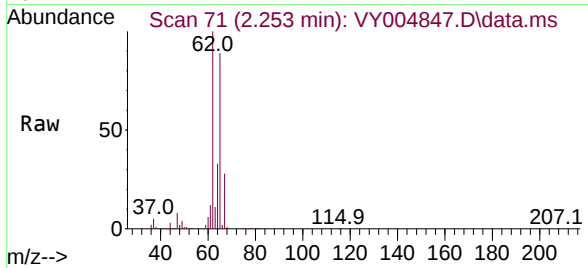




#5  
 Vinyl chloride  
 Concen: 80.98 ug/L  
 RT: 2.253 min Scan# 71  
 Delta R.T. -0.000 min  
 Lab File: VY004847.D  
 Acq: 19 May 2021 12:20

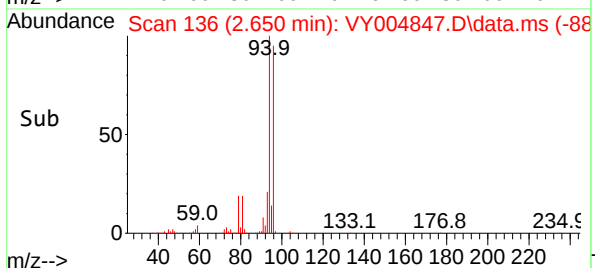
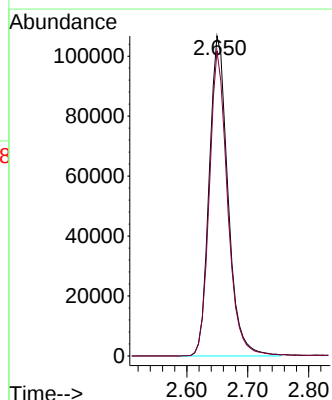
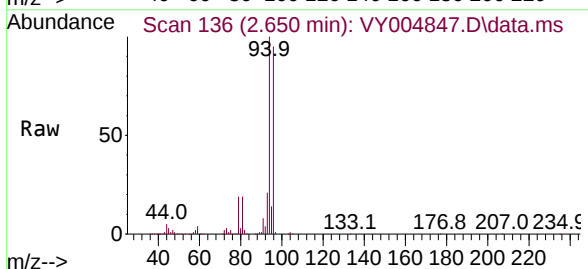
Instrument :  
 MSVOA\_Y  
 ClientSampled :

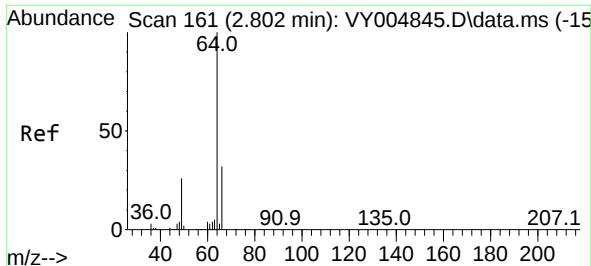
Tgt Ion: 62 Resp: 549562  
 Ion Ratio Lower Upper  
 62 100  
 64 32.6 22.8 42.4



#6  
 Bromomethane  
 Concen: 60.26 ug/L  
 RT: 2.650 min Scan# 136  
 Delta R.T. -0.006 min  
 Lab File: VY004847.D  
 Acq: 19 May 2021 12:20

Tgt Ion: 94 Resp: 228261  
 Ion Ratio Lower Upper  
 94 100  
 96 95.3 65.9 122.5

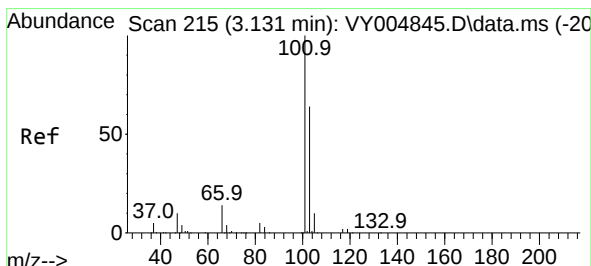
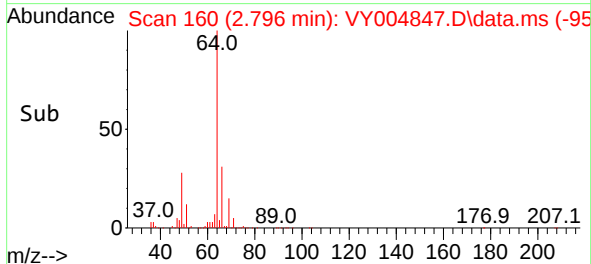
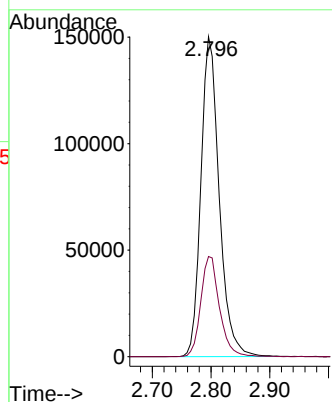
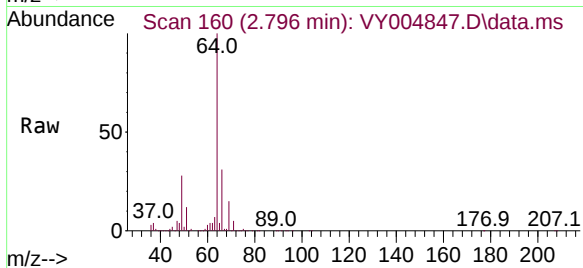




#8  
Chloroethane  
Concen: 76.44 ug/L  
RT: 2.796 min Scan# 160  
Delta R.T. -0.006 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

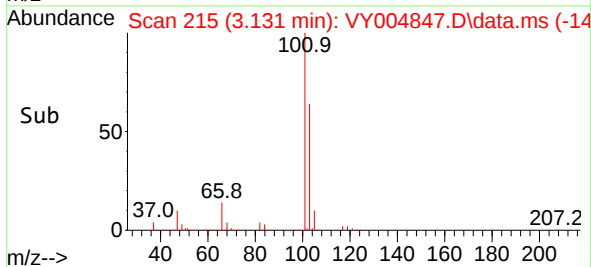
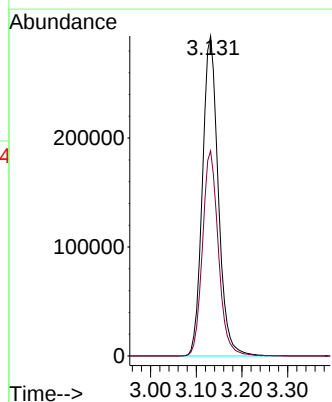
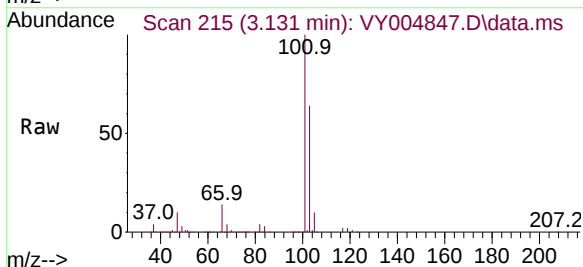
Instrument :  
MSVOA\_Y  
ClientSampled :

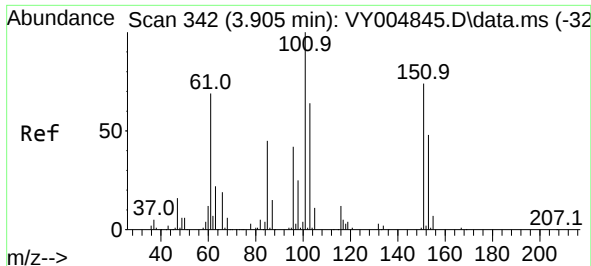
Tgt Ion: 64 Resp: 324059  
Ion Ratio Lower Upper  
64 100  
66 31.3 22.7 42.3



#9  
Trichlorofluoromethane  
Concen: 84.70 ug/L  
RT: 3.131 min Scan# 215  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

Tgt Ion:101 Resp: 707247  
Ion Ratio Lower Upper  
101 100  
103 64.2 51.4 77.2

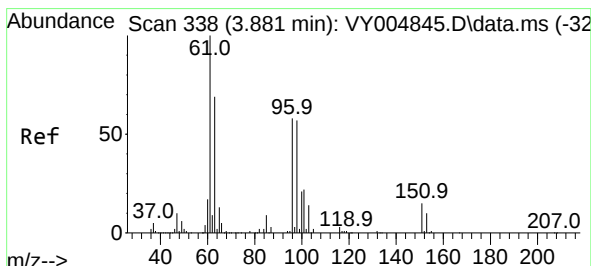
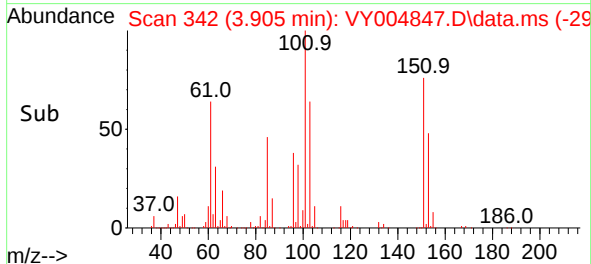
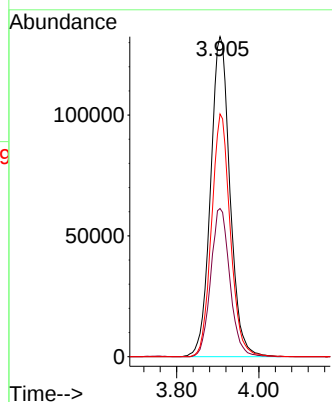
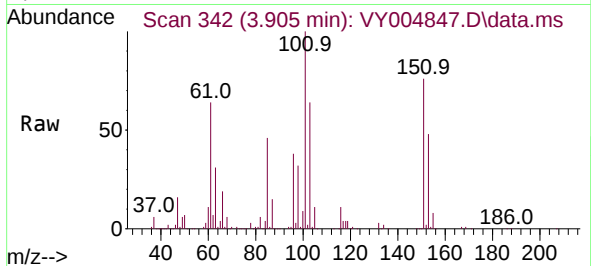




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 91.03 ug/L  
RT: 3.905 min Scan# 342  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

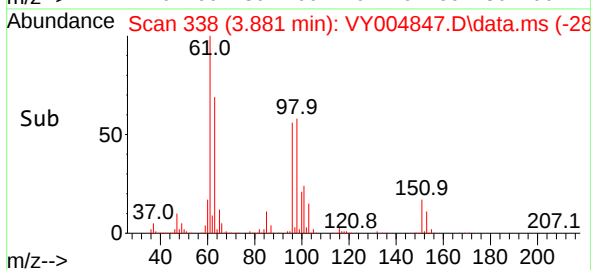
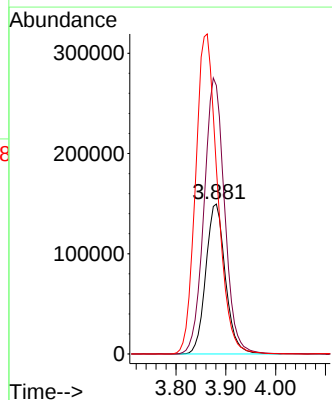
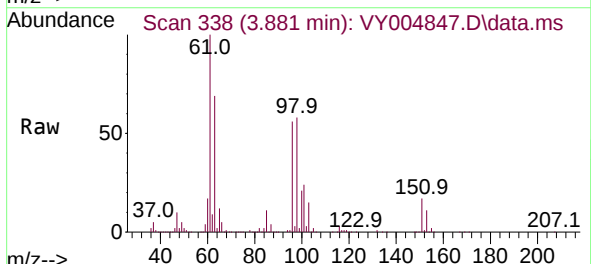
Instrument :  
MSVOA\_Y  
ClientSampleId :

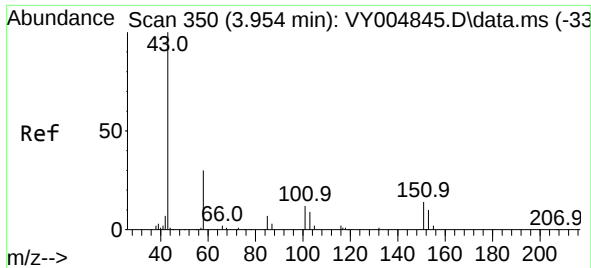
Tgt Ion:101 Resp: 435357  
Ion Ratio Lower Upper  
101 100  
85 45.4 36.6 54.8  
151 73.2 59.0 88.4



#12  
1,1-Dichloroethene  
Concen: 88.78 ug/L  
RT: 3.881 min Scan# 338  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

Tgt Ion: 96 Resp: 408201  
Ion Ratio Lower Upper  
96 100  
61 179.1 121.2 225.2  
63 124.0 86.9 161.3

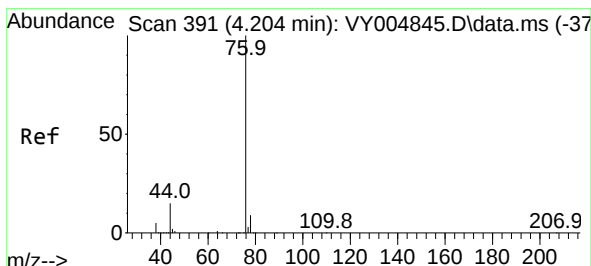
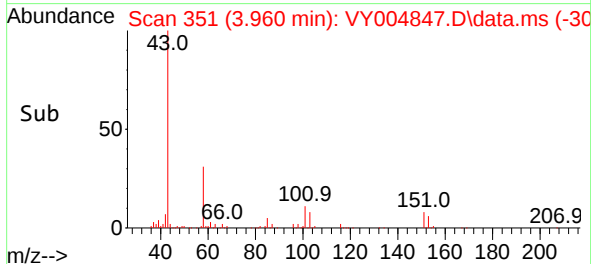
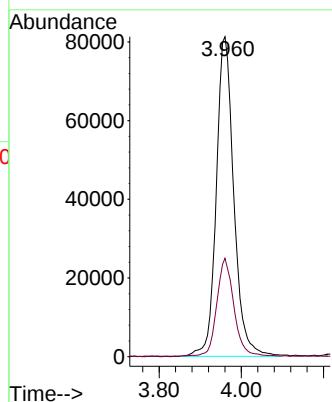
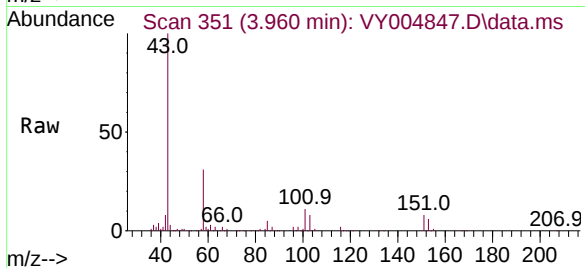




#13  
Acetone  
Concen: 155.92 ug/L  
RT: 3.960 min Scan# 351  
Delta R.T. 0.006 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

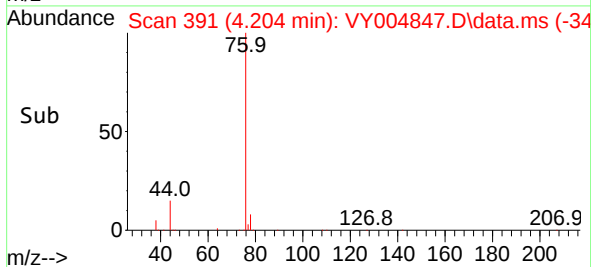
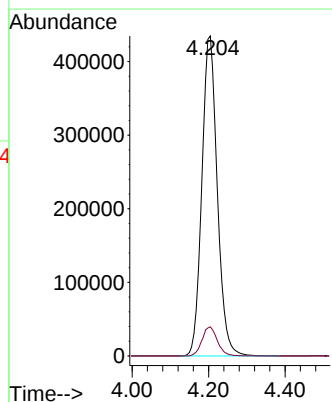
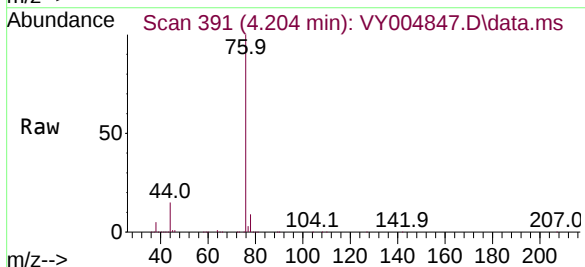
Instrument :  
MSVOA\_Y  
ClientSampled :

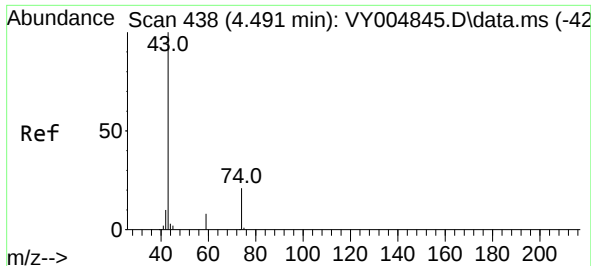
Tgt Ion: 43 Resp: 240520  
Ion Ratio Lower Upper  
43 100  
58 29.0 0.0 61.0



#14  
Carbon disulfide  
Concen: 77.64 ug/L  
RT: 4.204 min Scan# 391  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

Tgt Ion: 76 Resp: 1217182  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.4 11.2

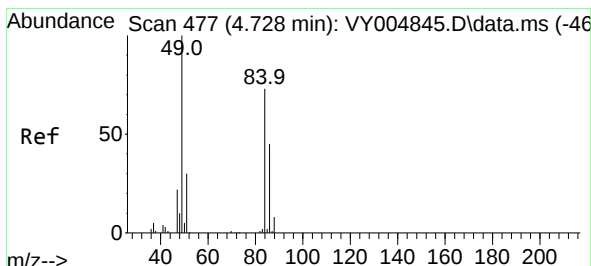
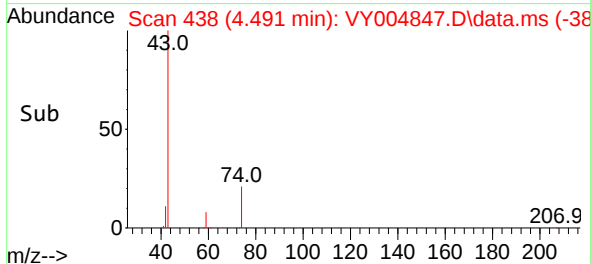
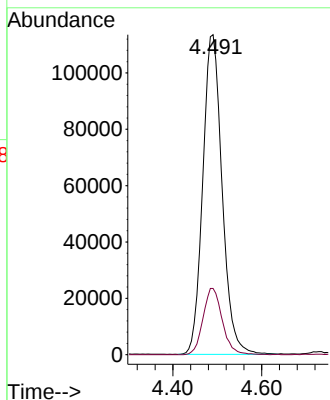
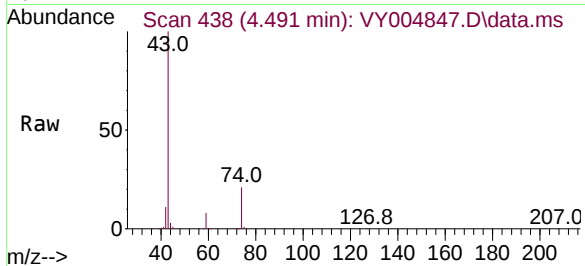




#15  
Methyl Acetate  
Concen: 92.58 ug/L  
RT: 4.491 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

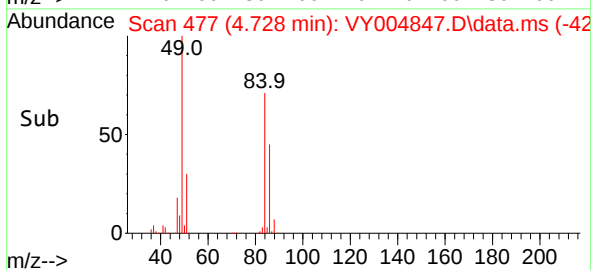
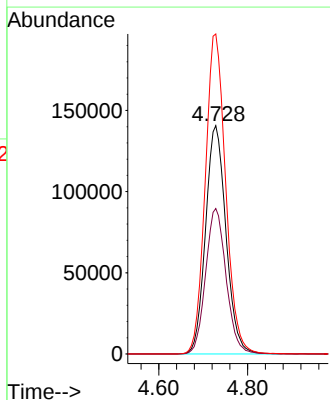
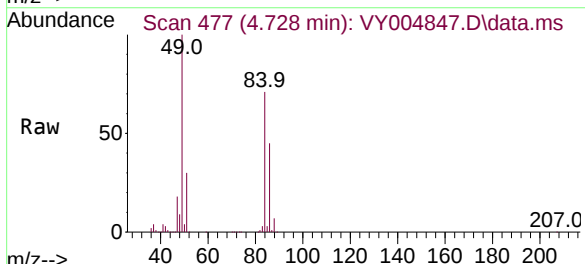
Instrument :  
MSVOA\_Y  
ClientSampled :

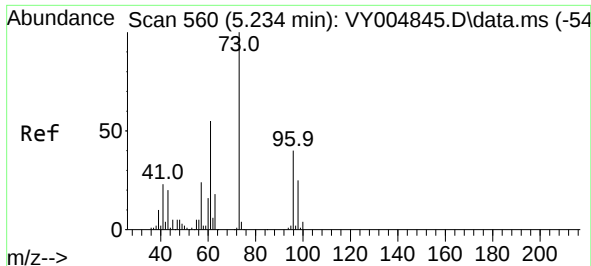
Tgt Ion: 43 Resp: 343959  
Ion Ratio Lower Upper  
43 100  
74 20.5 16.7 25.1



#16  
Methylene chloride  
Concen: 78.40 ug/L  
RT: 4.728 min Scan# 477  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

Tgt Ion: 84 Resp: 449861  
Ion Ratio Lower Upper  
84 100  
86 63.7 43.2 80.2  
49 140.1 96.0 178.4

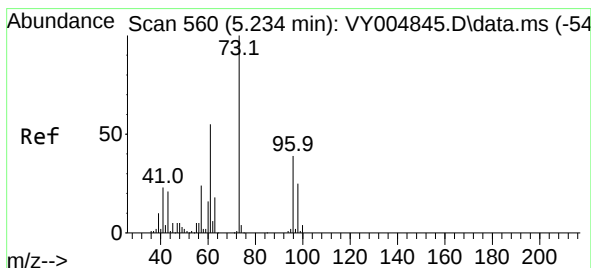
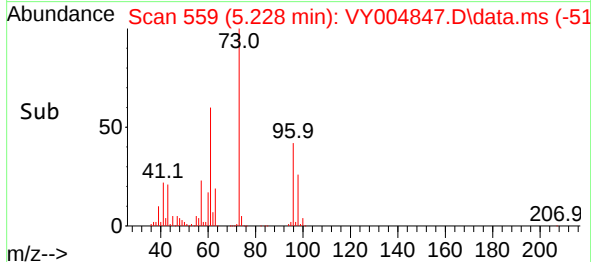
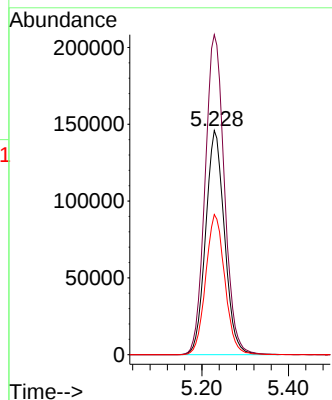
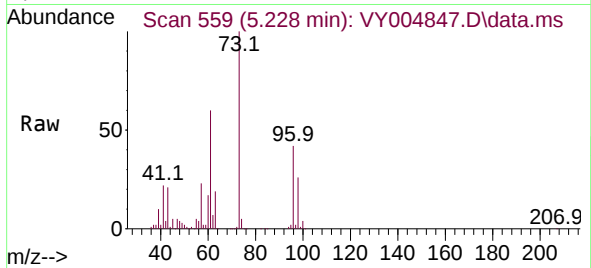




#17  
trans-1,2-Dichloroethene  
Concen: 91.07 ug/L  
RT: 5.228 min Scan# 559  
Delta R.T. -0.006 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

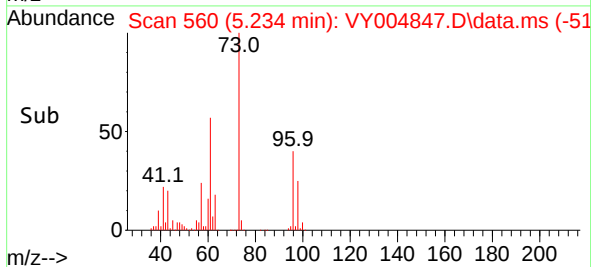
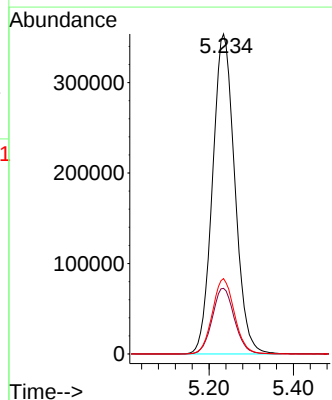
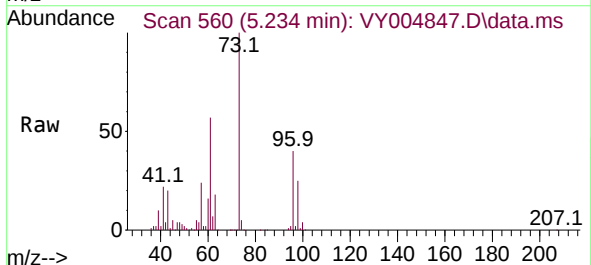
Instrument :  
MSVOA\_Y  
ClientSampleId :

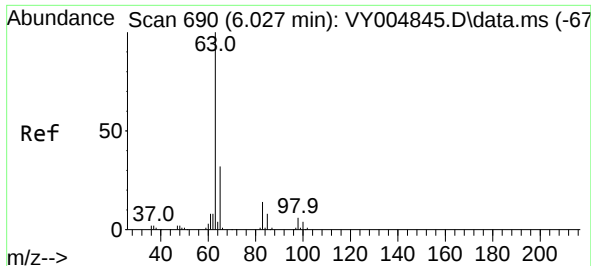
Tgt Ion: 96 Resp: 442630  
Ion Ratio Lower Upper  
96 100  
61 142.8 97.6 181.2  
98 62.6 44.8 83.2



#18  
Methyl tert-butyl Ether  
Concen: 94.21 ug/L  
RT: 5.234 min Scan# 560  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

Tgt Ion: 73 Resp: 1292402  
Ion Ratio Lower Upper  
73 100  
43 20.6 16.8 25.2  
57 23.3 18.7 28.1





#19

1,1-Dichloroethane

Concen: 92.41 ug/L

RT: 6.027 min Scan# 690

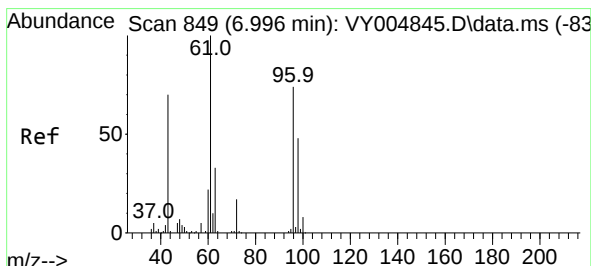
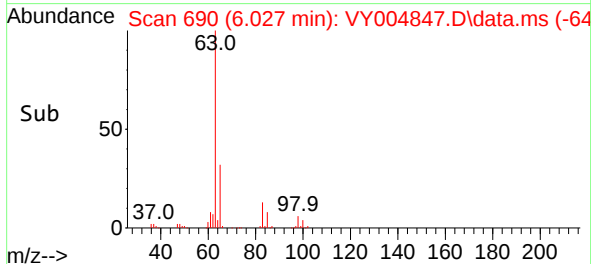
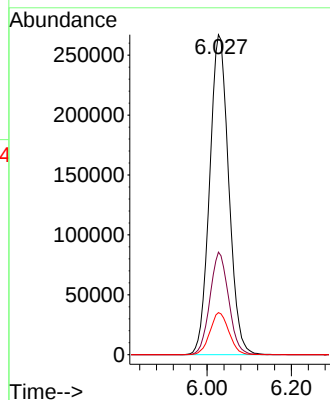
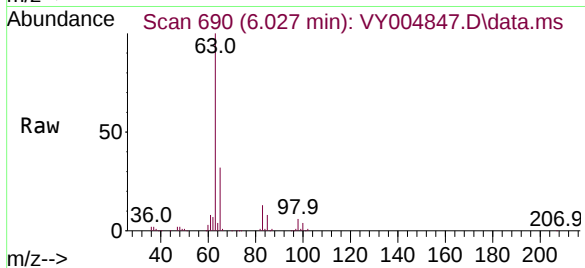
Delta R.T. -0.000 min

Lab File: VY004847.D

Acq: 19 May 2021 12:20

Tgt Ion: 63 Resp: 839309

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 32.0  | 22.4  | 41.6  |
| 83  | 13.1  | 9.5   | 17.7  |



#20

cis-1,2-Dichloroethene

Concen: 94.30 ug/L

RT: 6.996 min Scan# 849

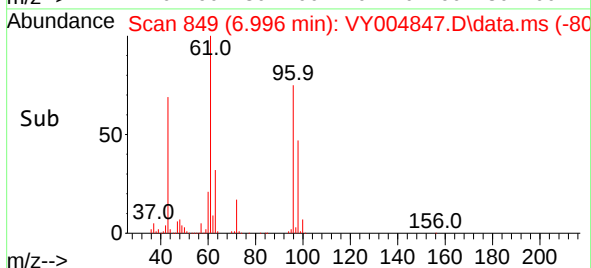
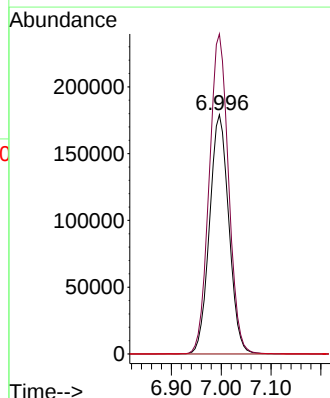
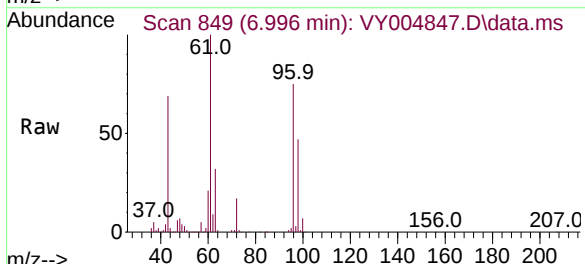
Delta R.T. -0.000 min

Lab File: VY004847.D

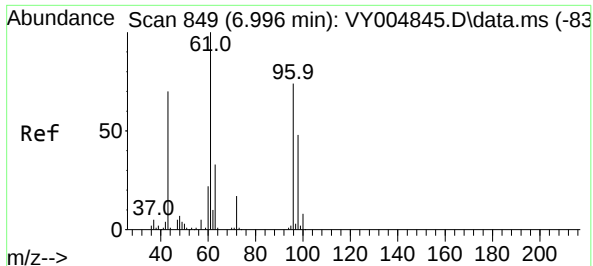
Acq: 19 May 2021 12:20

Tgt Ion: 96 Resp: 481469

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 133.8 | 94.8  | 176.2 |
| 68  | 0.0   | 0.0   | 0.0   |



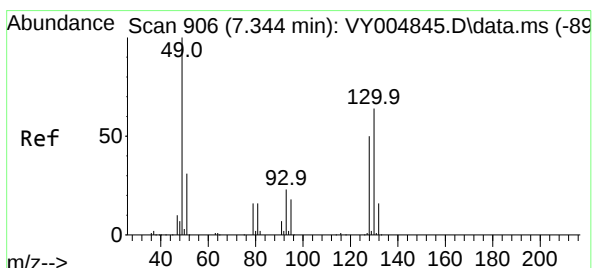
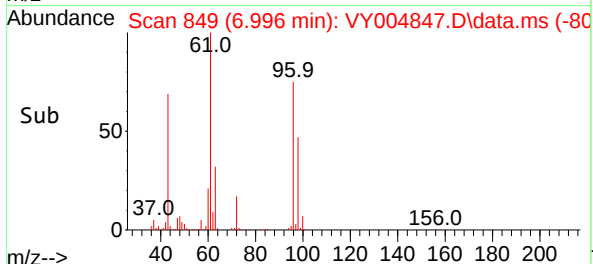
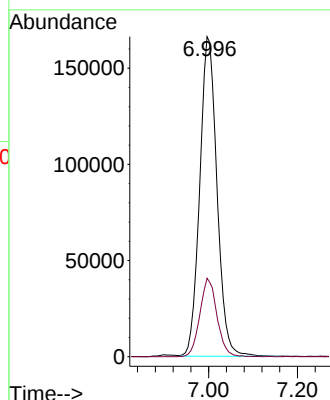
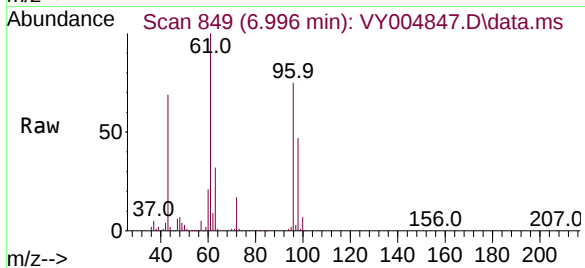
Instrument :  
MSVOA\_Y  
ClientSampled :



#22  
2-Butanone  
Concen: 187.83 ug/L  
RT: 6.996 min Scan# 849  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

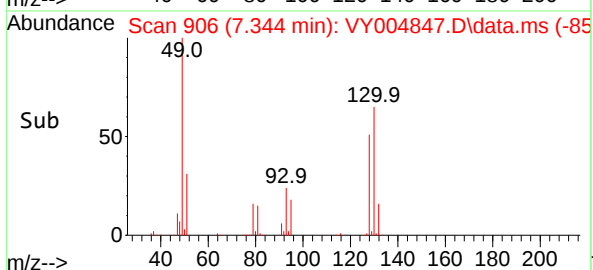
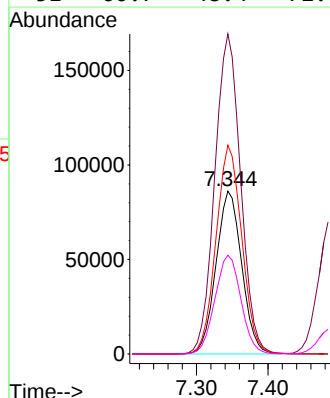
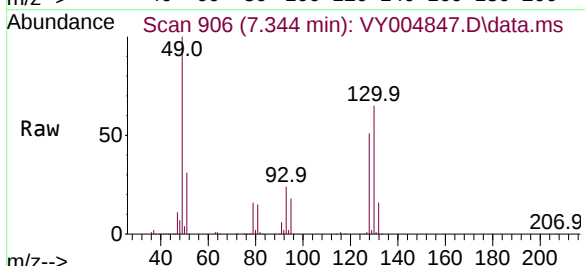
Instrument :  
MSVOA\_Y  
ClientSampled :

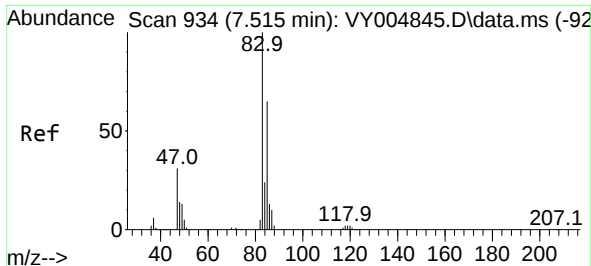
Tgt Ion: 43 Resp: 448754  
Ion Ratio Lower Upper  
43 100  
72 24.3 12.2 36.6



#23  
Bromochloromethane  
Concen: 88.18 ug/L  
RT: 7.344 min Scan# 906  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

Tgt Ion:128 Resp: 214723  
Ion Ratio Lower Upper  
128 100  
49 196.5 138.9 258.1  
130 128.2 88.3 164.1  
51 60.7 48.4 72.6

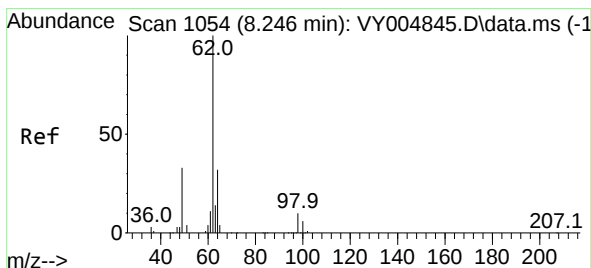
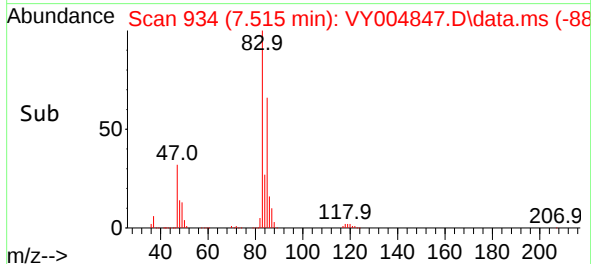
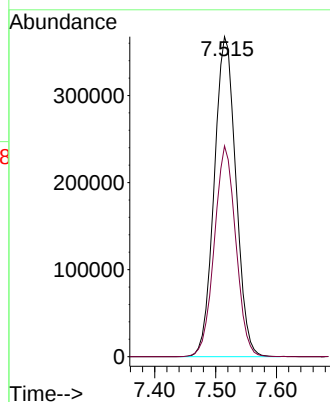
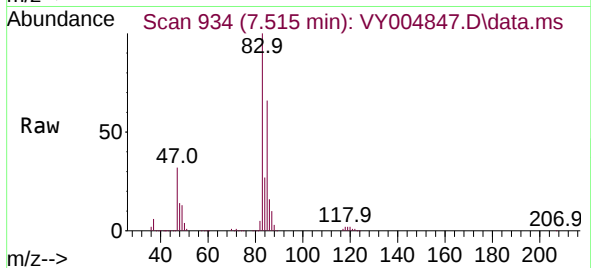




#25  
Chloroform  
Concen: 99.11 ug/L  
RT: 7.515 min Scan# 934  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

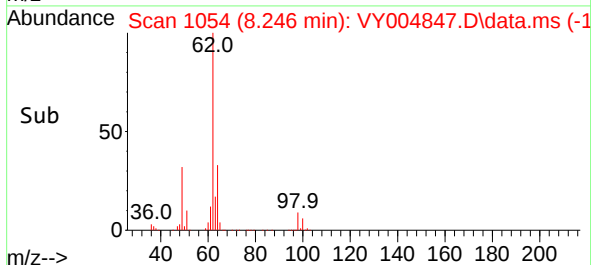
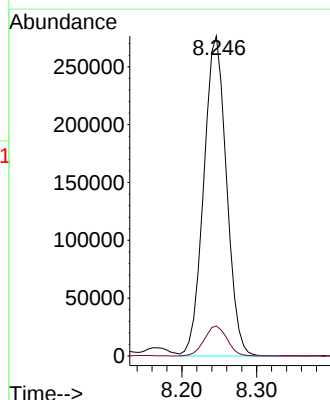
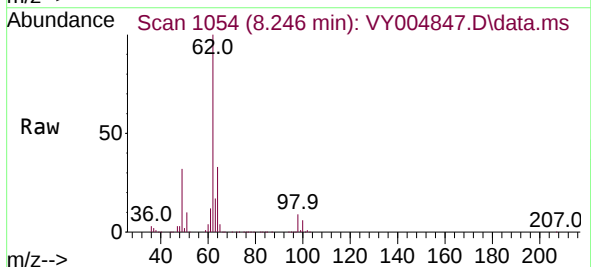
Instrument :  
MSVOA\_Y  
ClientSampled :

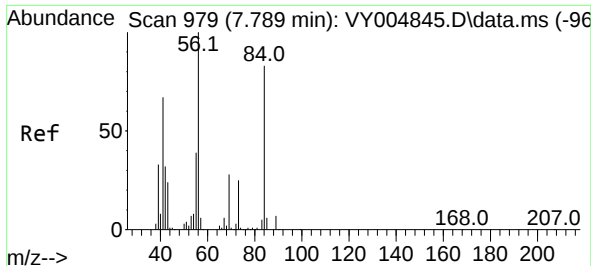
Tgt Ion: 83 Resp: 907903  
Ion Ratio Lower Upper  
83 100  
85 65.9 45.4 84.4



#27  
1,2-Dichloroethane  
Concen: 86.62 ug/L  
RT: 8.246 min Scan# 1054  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

Tgt Ion: 62 Resp: 584175  
Ion Ratio Lower Upper  
62 100  
98 9.3 7.5 11.3





#29

Cyclohexane

Concen: 94.64 ug/L

RT: 7.789 min Scan# 979

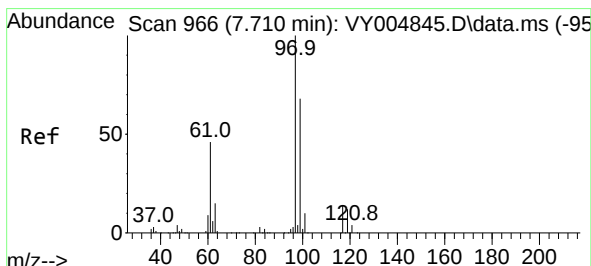
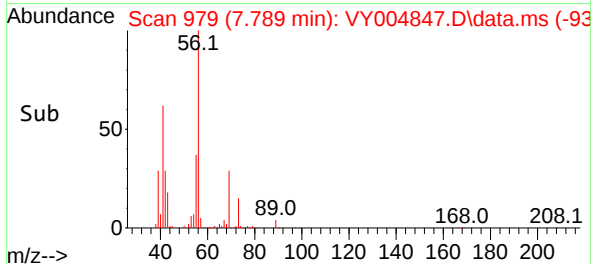
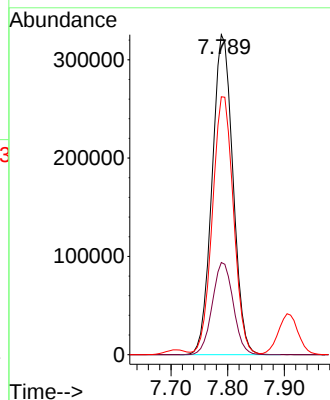
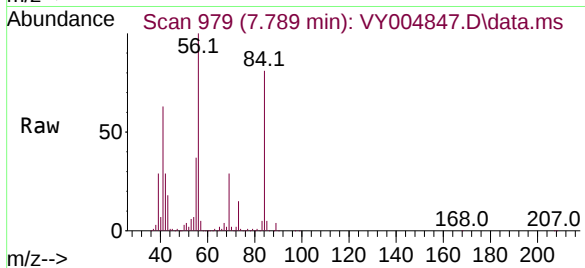
Delta R.T. -0.000 min

Lab File: VY004847.D

Acq: 19 May 2021 12:20

Instrument :  
MSVOA\_Y  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 56    | Resp: | 831329 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 28.9  | 22.6  | 33.8   |
| 84       | 81.6  | 66.1  | 99.1   |



#30

1,1,1-Trichloroethane

Concen: 87.23 ug/L

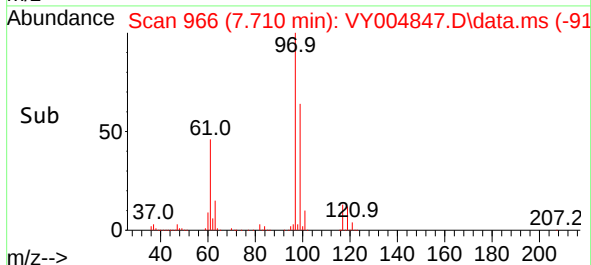
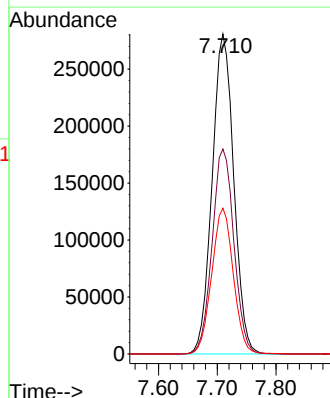
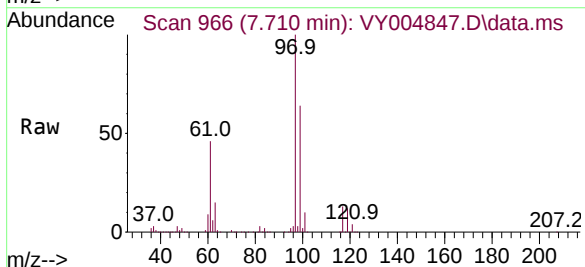
RT: 7.710 min Scan# 966

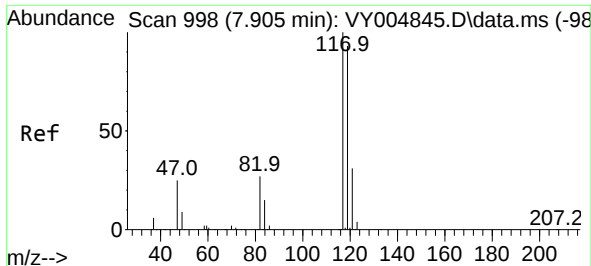
Delta R.T. -0.000 min

Lab File: VY004847.D

Acq: 19 May 2021 12:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 717727 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 64.5  | 51.8  | 77.6   |
| 61       | 45.7  | 37.3  | 55.9   |

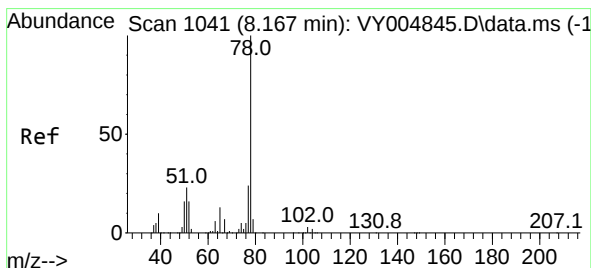
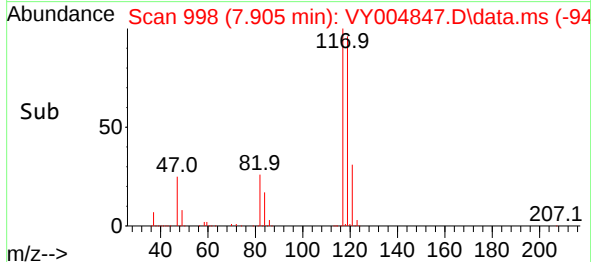
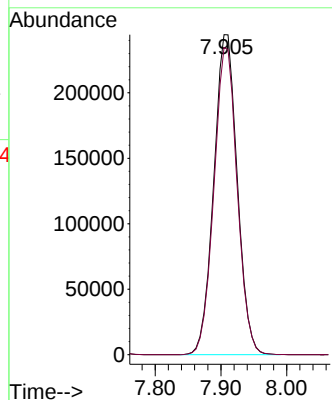
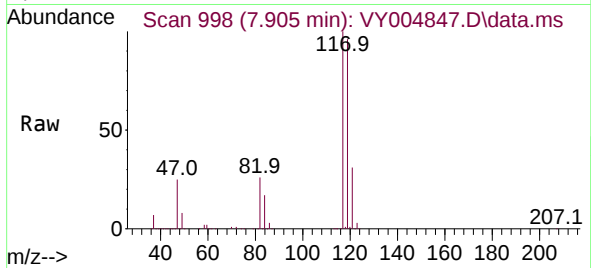




#31  
Carbon tetrachloride  
Concen: 83.73 ug/L  
RT: 7.905 min Scan# 998  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

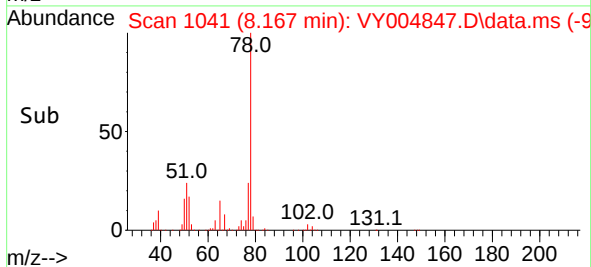
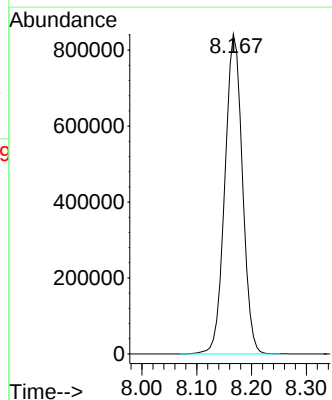
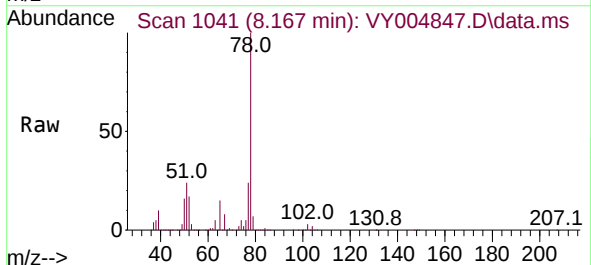
Instrument :  
MSVOA\_Y  
ClientSampled :

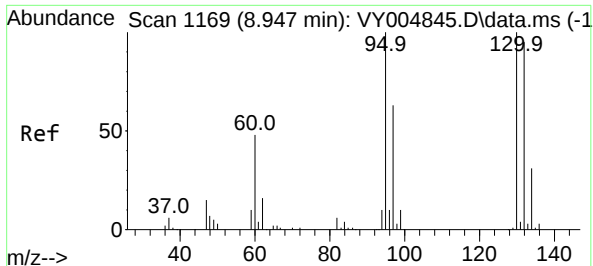
Tgt Ion:117 Resp: 607172  
Ion Ratio Lower Upper  
117 100  
119 95.1 76.2 114.2



#33  
Benzene  
Concen: 93.57 ug/L  
RT: 8.167 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

Tgt Ion: 78 Resp: 1879829

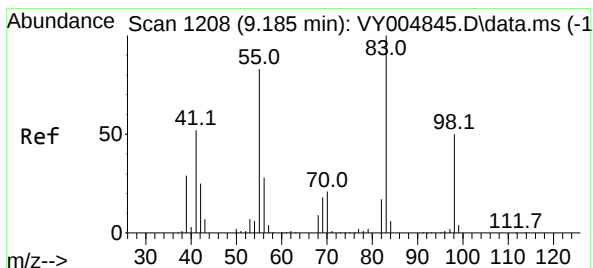
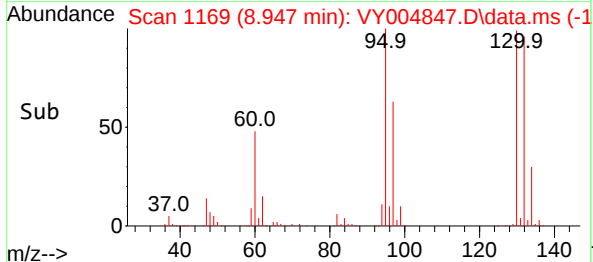
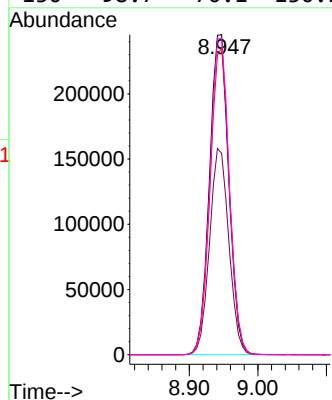
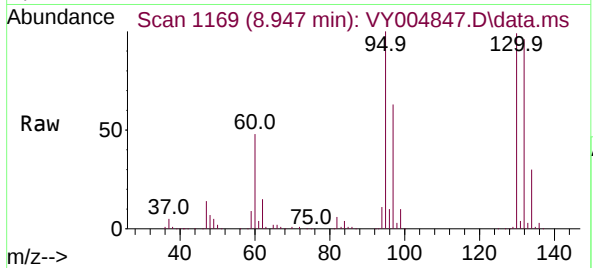




#34  
Trichloroethene  
Concen: 90.44 ug/L  
RT: 8.947 min Scan# 1169  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

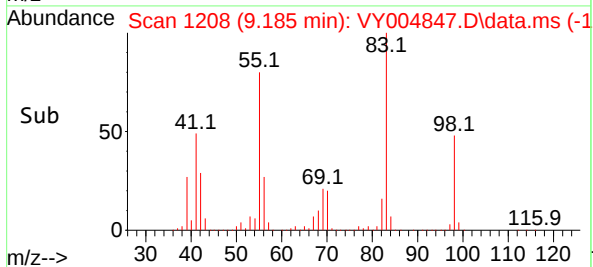
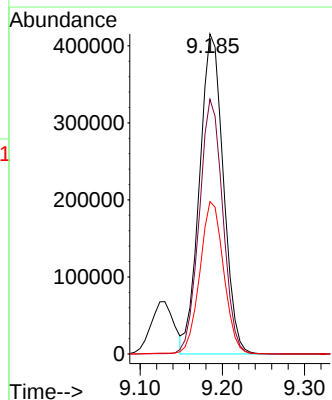
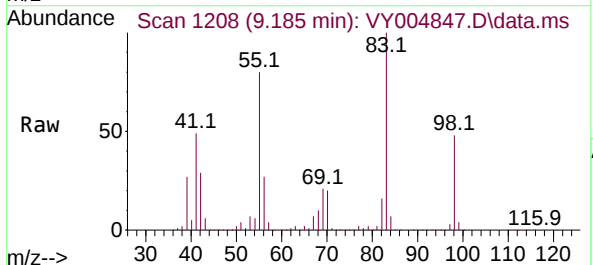
Instrument :  
MSVOA\_Y  
ClientSampled :

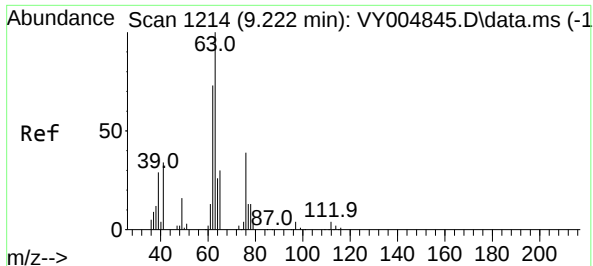
Tgt Ion: 95 Resp: 481415  
Ion Ratio Lower Upper  
95 100  
97 62.9 44.2 82.2  
132 95.7 66.8 124.0  
130 98.7 70.1 130.1



#35  
Methylcyclohexane  
Concen: 94.67 ug/L  
RT: 9.185 min Scan# 1208  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

Tgt Ion: 83 Resp: 835197  
Ion Ratio Lower Upper  
83 100  
55 78.8 63.9 95.9  
98 47.7 38.7 58.1

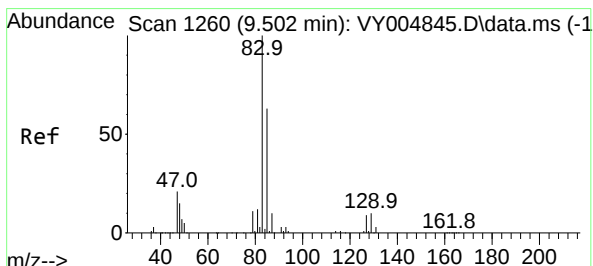
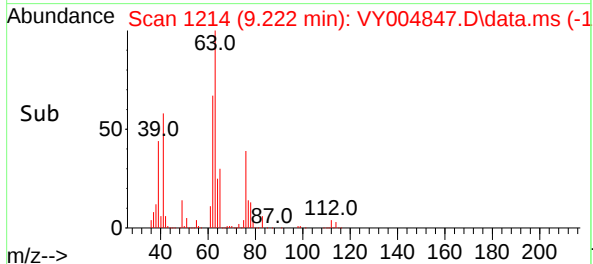
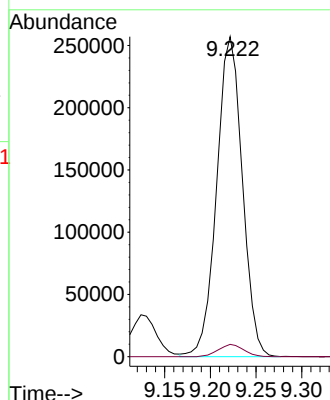
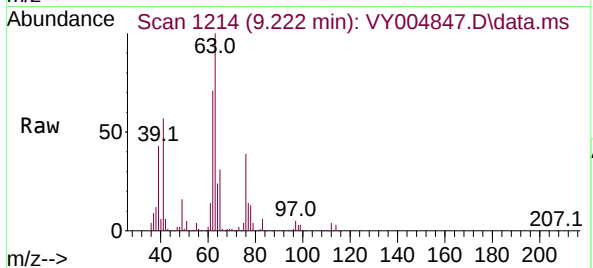




#37  
1,2-Dichloropropane  
Concen: 93.04 ug/L  
RT: 9.222 min Scan# 1214  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

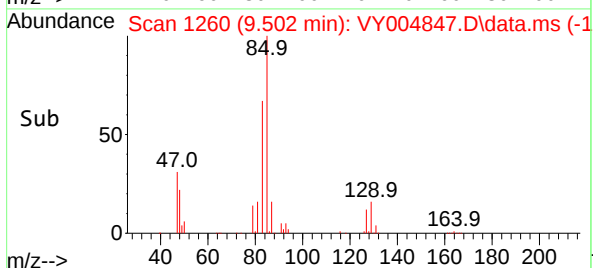
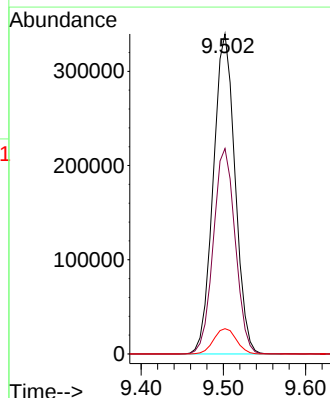
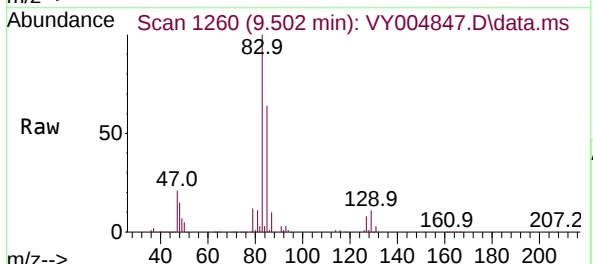
Instrument :  
MSVOA\_Y  
ClientSampled :

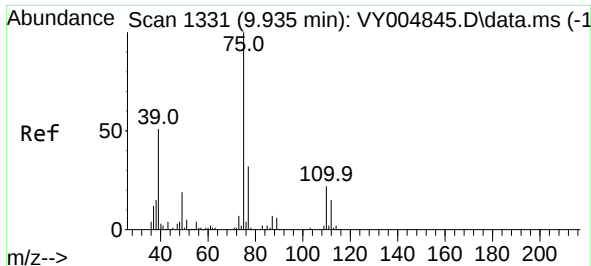
Tgt Ion: 63 Resp: 502422  
Ion Ratio Lower Upper  
63 100  
112 3.8 3.1 4.7



#38  
Bromodichloromethane  
Concen: 89.09 ug/L  
RT: 9.502 min Scan# 1260  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

Tgt Ion: 83 Resp: 624356  
Ion Ratio Lower Upper  
83 100  
85 64.2 44.1 81.9  
127 7.9 6.9 10.3

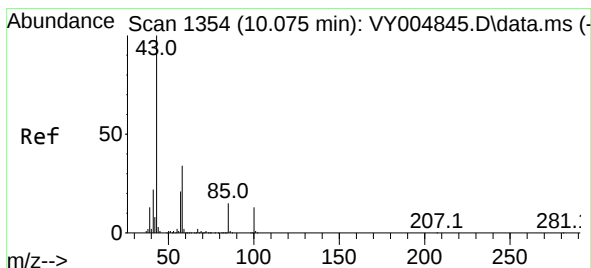
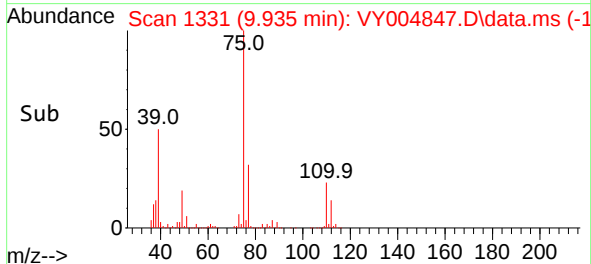
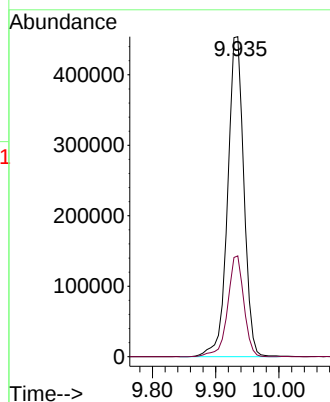
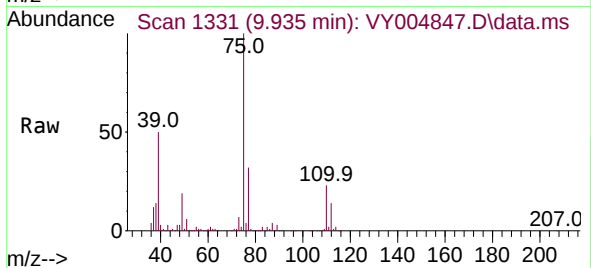




#39  
cis-1,3-Dichloropropene  
Concen: 96.04 ug/L  
RT: 9.935 min Scan# 1331  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

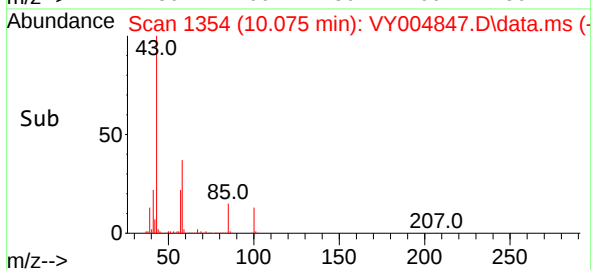
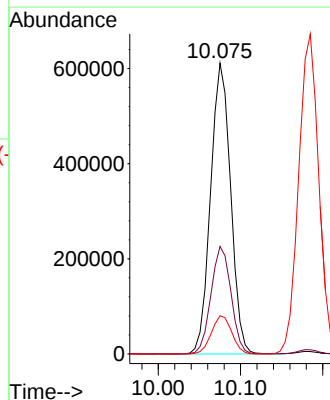
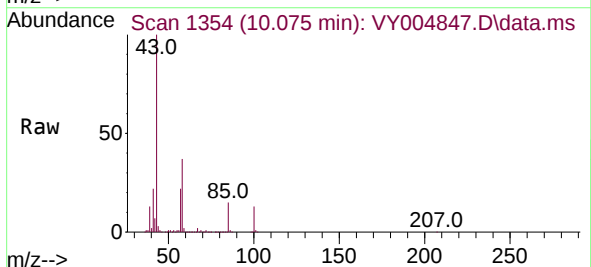
Instrument :  
MSVOA\_Y  
ClientSampled :

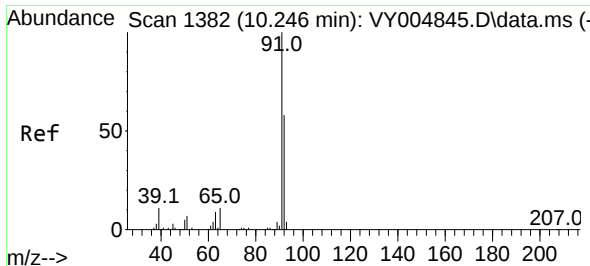
Tgt Ion: 75 Resp: 805457  
Ion Ratio Lower Upper  
75 100  
77 31.5 22.3 41.3



#40  
4-Methyl-2-pentanone  
Concen: 196.82 ug/L  
RT: 10.075 min Scan# 1354  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

Tgt Ion: 43 Resp: 1035576  
Ion Ratio Lower Upper  
43 100  
58 36.9 28.5 42.7  
100 13.4 10.4 15.6

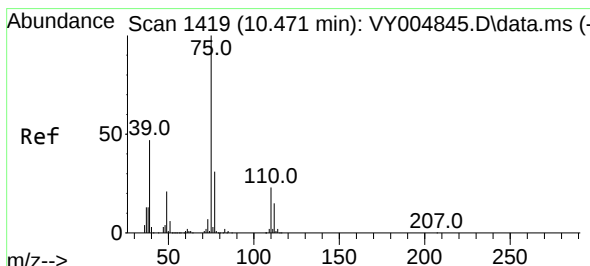
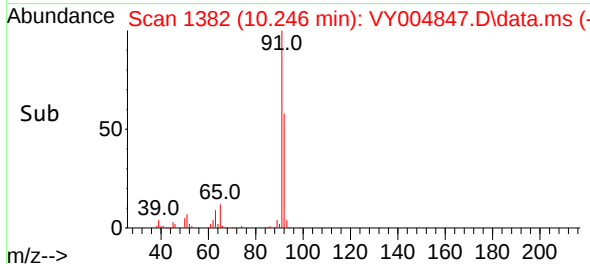
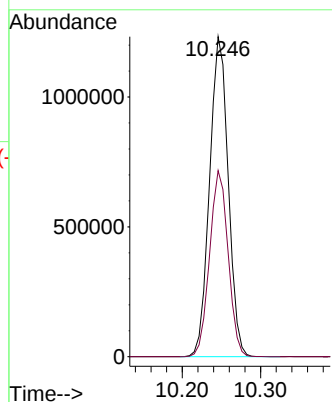
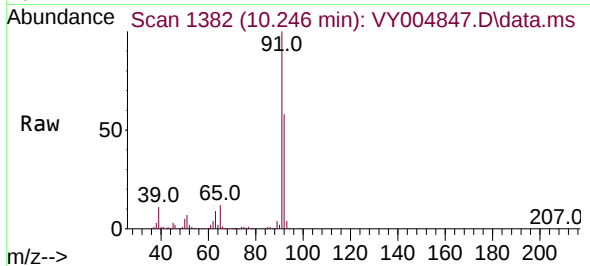




#42  
Toluene  
Concen: 93.25 ug/L  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

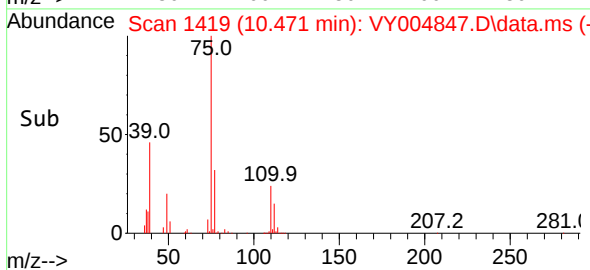
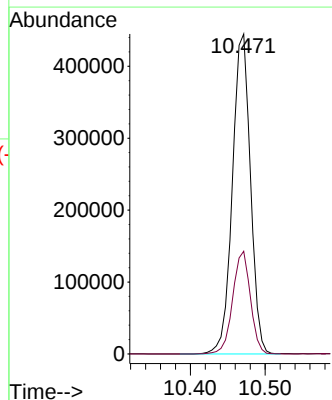
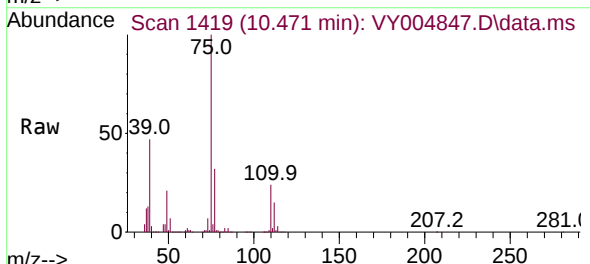
Instrument :  
MSVOA\_Y  
ClientSampled :

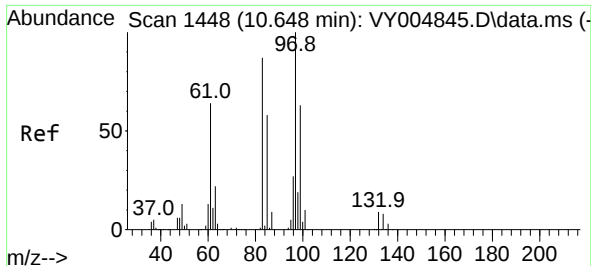
Tgt Ion: 91 Resp: 2034100  
Ion Ratio Lower Upper  
91 100  
92 58.1 40.5 75.1



#44  
trans-1,3-Dichloropropene  
Concen: 95.73 ug/L  
RT: 10.471 min Scan# 1419  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

Tgt Ion: 75 Resp: 744777  
Ion Ratio Lower Upper  
75 100  
77 32.1 21.8 40.4

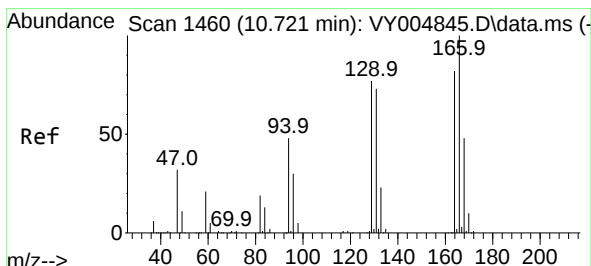
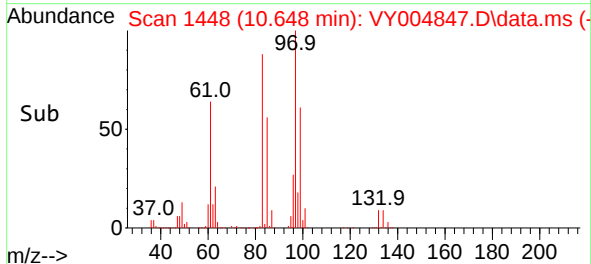
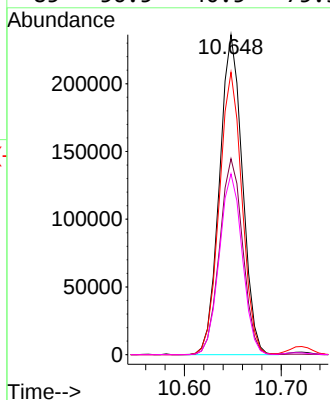
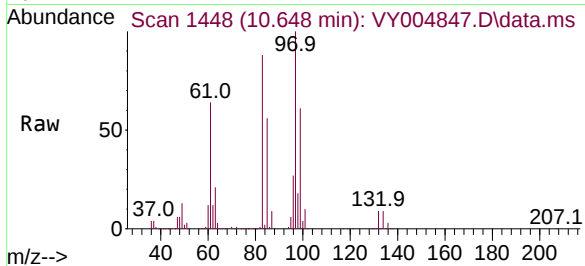




#45  
1,1,2-Trichloroethane  
Concen: 95.67 ug/L  
RT: 10.648 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

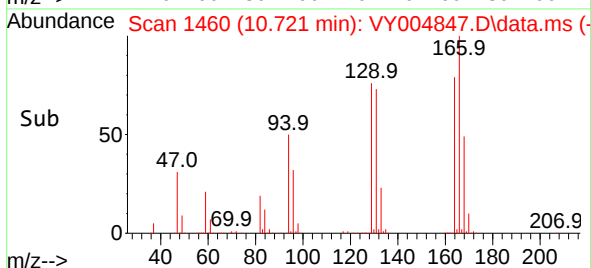
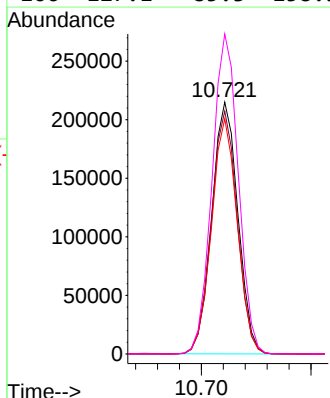
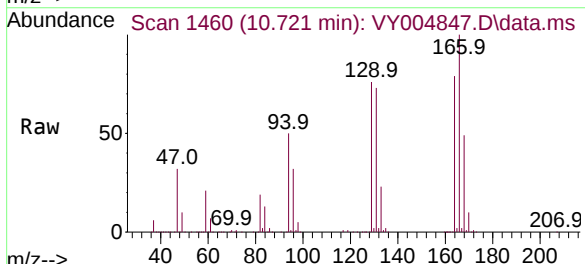
Instrument :  
MSVOA\_Y  
ClientSampled :

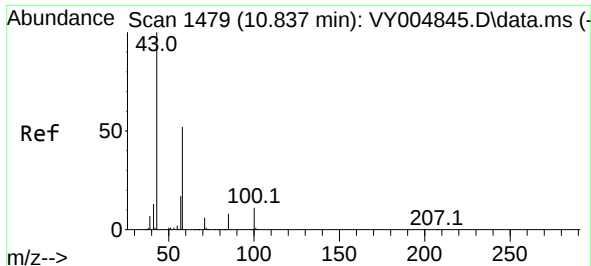
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 388647 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 61.3  | 44.2  | 82.0   |
| 83       | 88.3  | 61.1  | 113.5  |
| 85       | 56.5  | 40.5  | 75.3   |



#46  
Tetrachloroethene  
Concen: 82.10 ug/L  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 354913 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 129      | 96.5  | 65.9  | 122.3  |
| 131      | 93.4  | 61.9  | 115.1  |
| 166      | 127.1 | 85.3  | 158.3  |

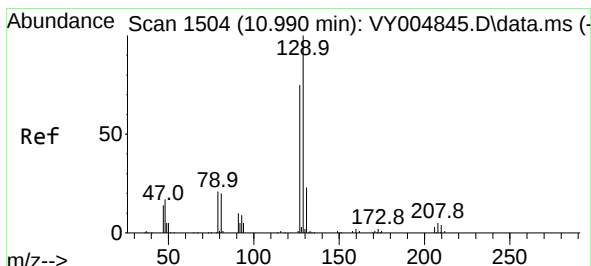
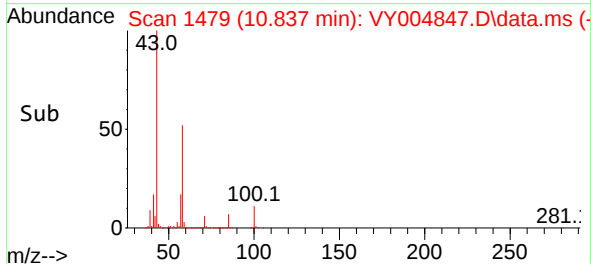
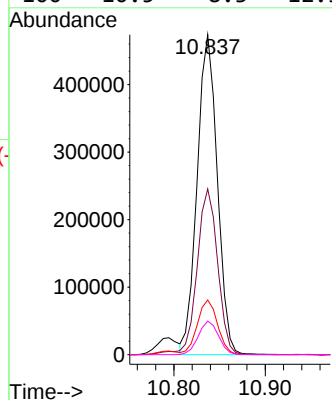
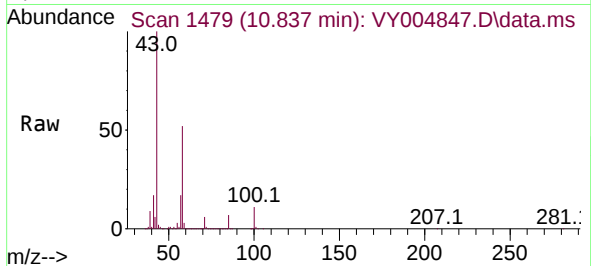




#48  
2-Hexanone  
Concen: 194.15 ug/L  
RT: 10.837 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

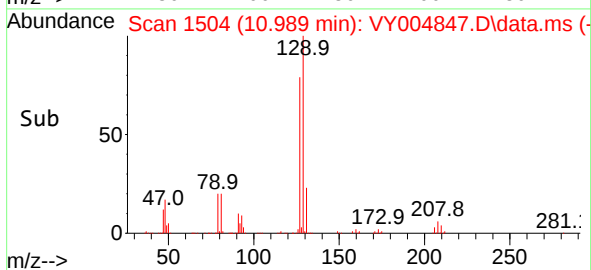
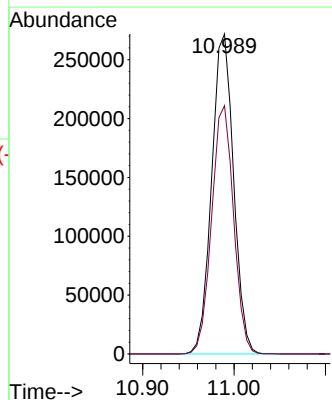
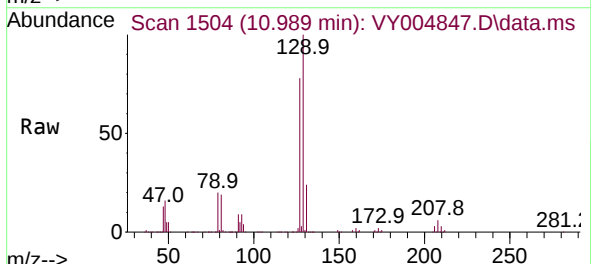
Instrument :  
MSVOA\_Y  
ClientSampled :

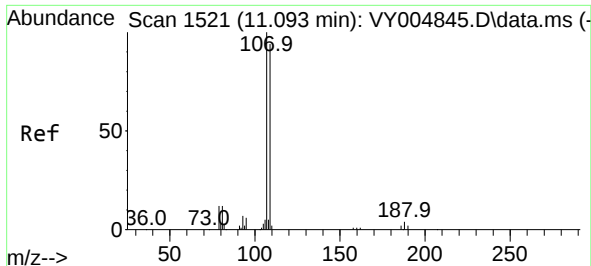
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 726815 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 52.1  | 41.1  | 61.7   |
| 57       | 17.2  | 13.8  | 20.6   |
| 100      | 10.5  | 8.3   | 12.5   |



#49  
Dibromochloromethane  
Concen: 91.23 ug/L  
RT: 10.989 min Scan# 1504  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 129   | Resp: | 453111 |
| Ion      | Ratio | Lower | Upper  |
| 129      | 100   |       |        |
| 127      | 77.6  | 52.8  | 98.0   |

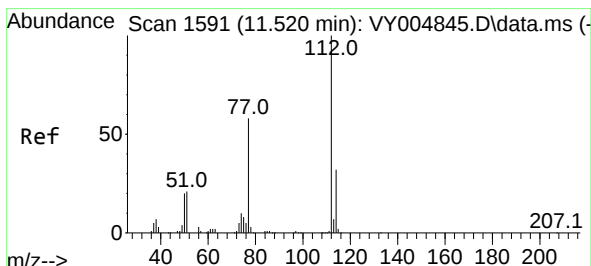
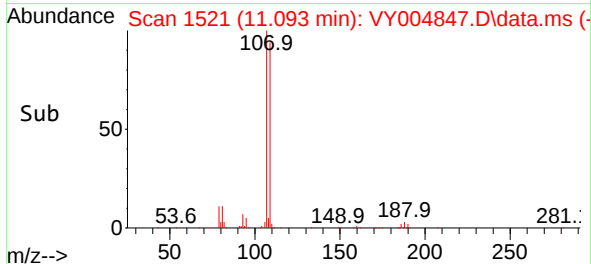
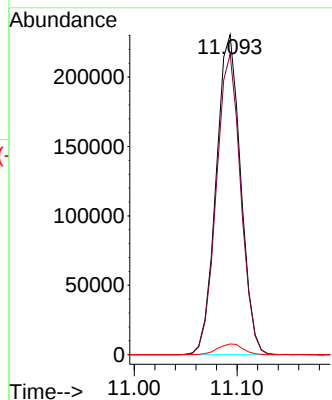
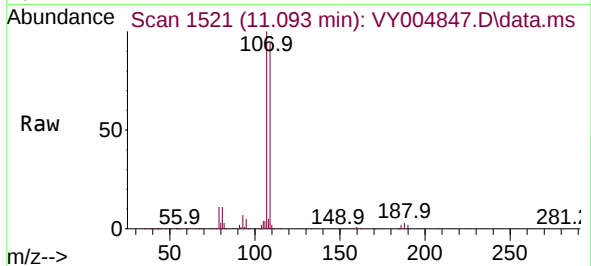




#50  
1,2-Dibromoethane  
Concen: 95.58 ug/L  
RT: 11.093 min Scan# 1521  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

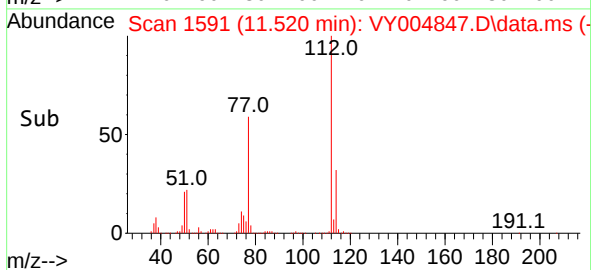
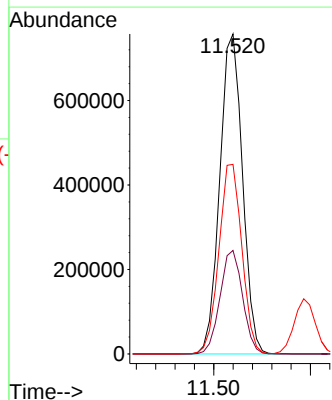
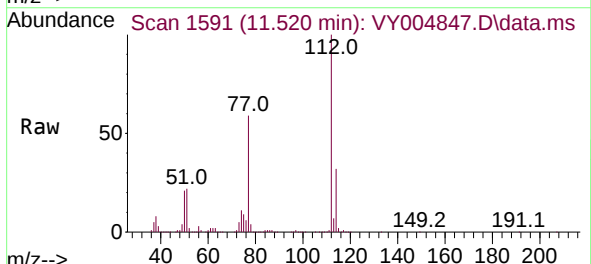
Instrument :  
MSVOA\_Y  
ClientSampled :

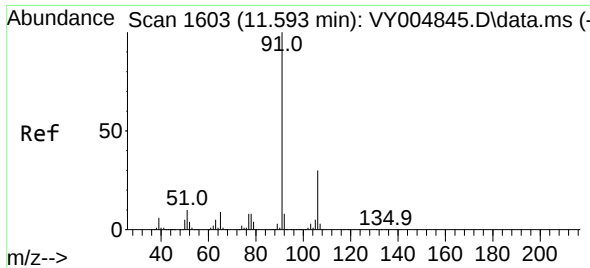
Tgt Ion:107 Resp: 381388  
Ion Ratio Lower Upper  
107 100  
109 93.9 65.7 121.9  
188 3.4 2.8 4.2



#51  
Chlorobenzene  
Concen: 90.11 ug/L  
RT: 11.520 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

Tgt Ion:112 Resp: 1231836  
Ion Ratio Lower Upper  
112 100  
114 32.3 22.3 41.5  
77 59.3 46.5 69.7

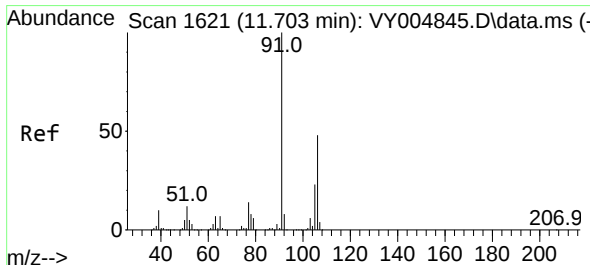
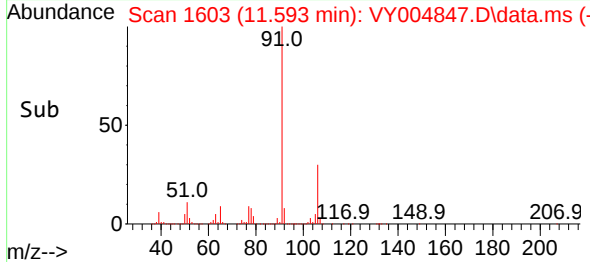
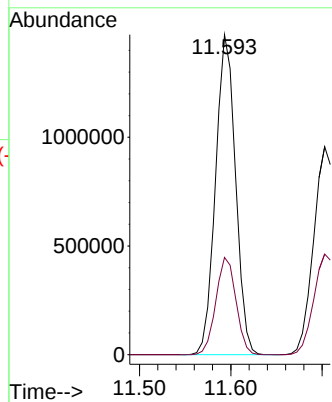
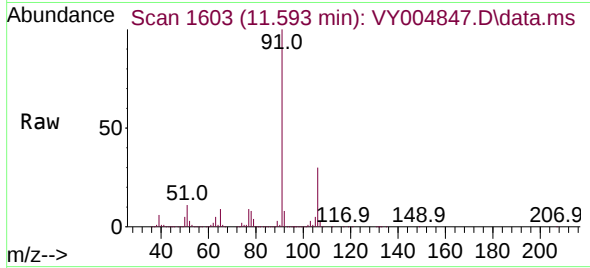




#52  
Ethylbenzene  
Concen: 92.26 ug/L  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

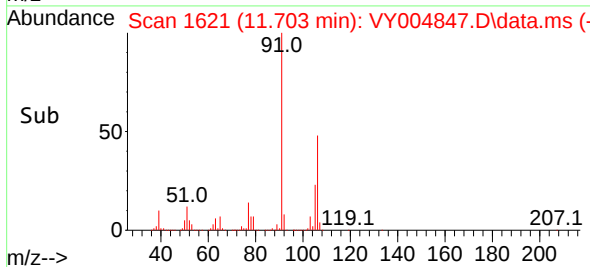
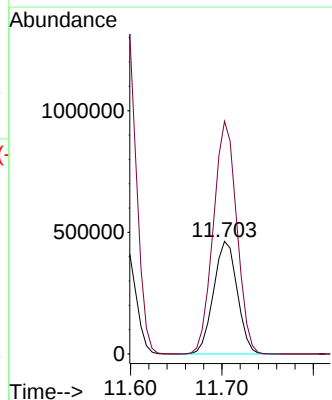
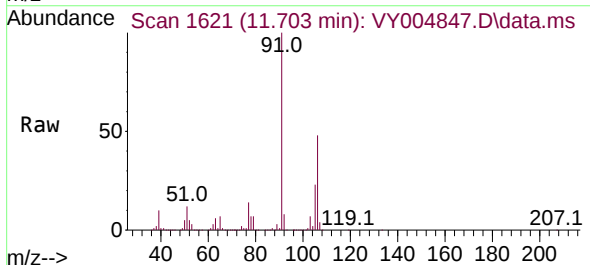
Instrument :  
MSVOA\_Y  
ClientSampled :

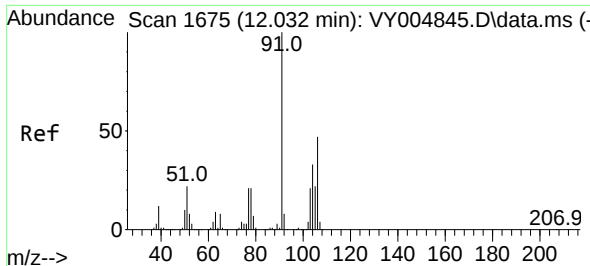
Tgt Ion: 91 Resp: 2235833  
Ion Ratio Lower Upper  
91 100  
106 30.4 21.2 39.4



#53  
m,p-Xylene  
Concen: 91.95 ug/L  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

Tgt Ion:106 Resp: 832653  
Ion Ratio Lower Upper  
106 100  
91 206.8 145.7 270.5

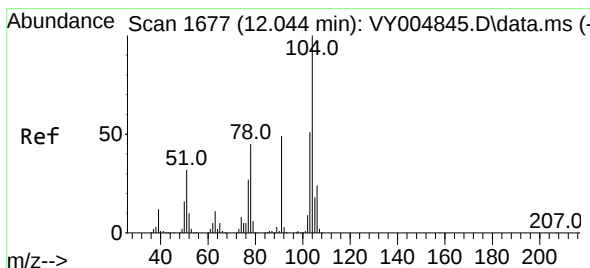
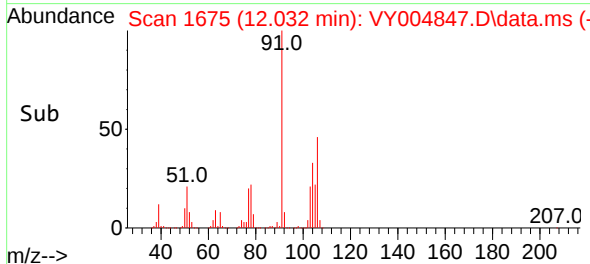
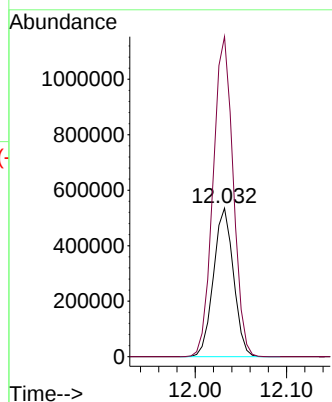
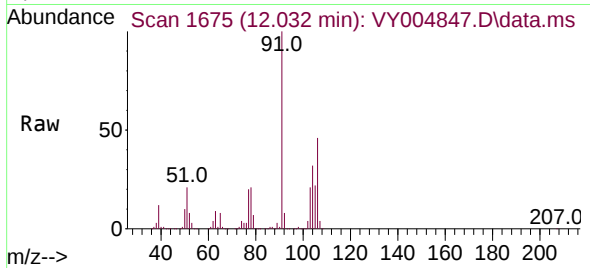




#54  
o-Xylene  
Concen: 93.89 ug/L  
RT: 12.032 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

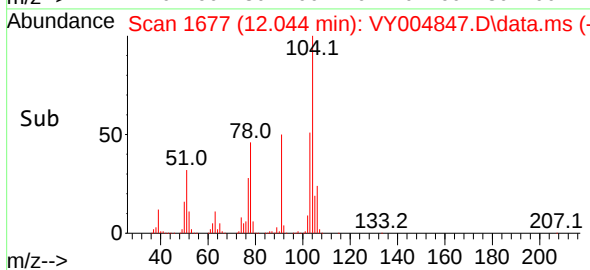
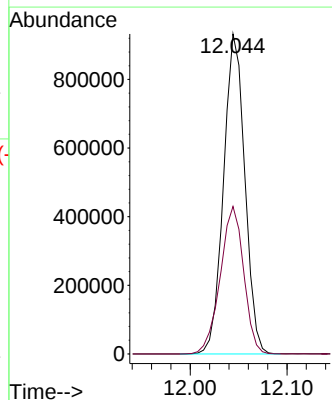
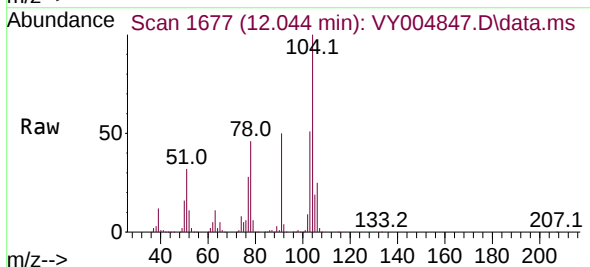
Instrument :  
MSVOA\_Y  
ClientSampled :

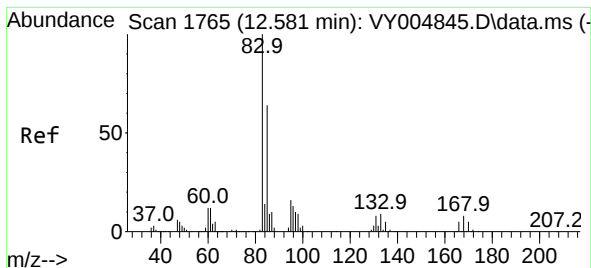
Tgt Ion:106 Resp: 813049  
Ion Ratio Lower Upper  
106 100  
91 215.5 150.6 279.6



#55  
Styrene  
Concen: 94.73 ug/L  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

Tgt Ion:104 Resp: 1423925  
Ion Ratio Lower Upper  
104 100  
78 46.1 31.8 59.0

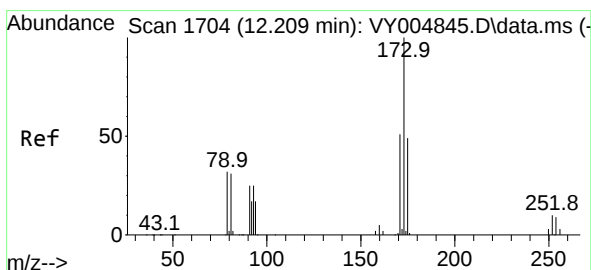
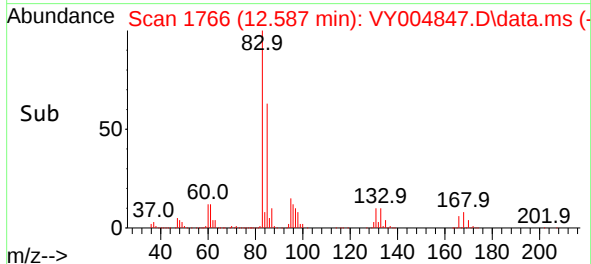
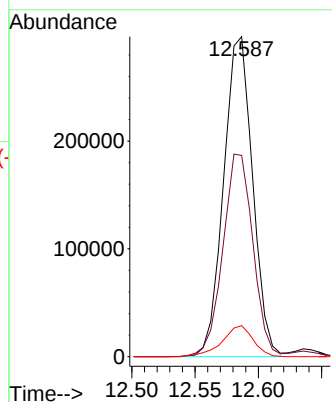
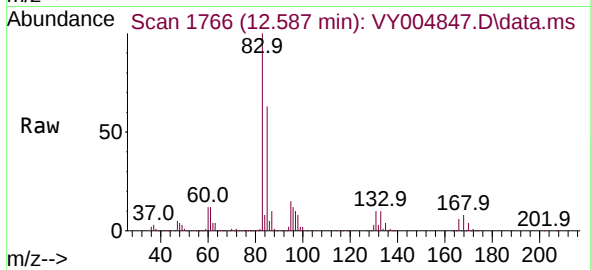




#57  
1,1,2,2-Tetrachloroethane  
Concen: 91.02 ug/L  
RT: 12.587 min Scan# 1766  
Delta R.T. 0.006 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

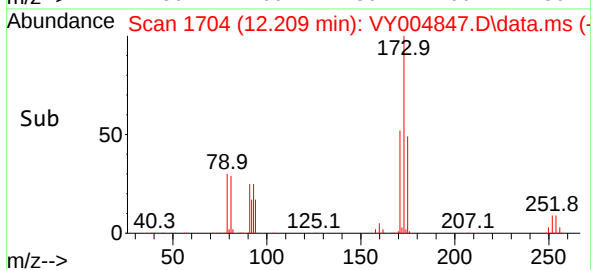
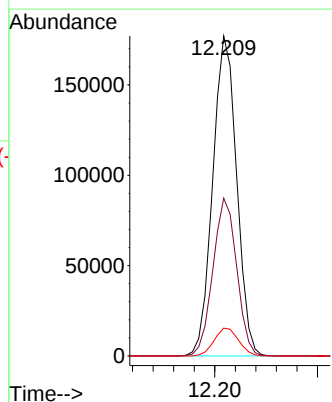
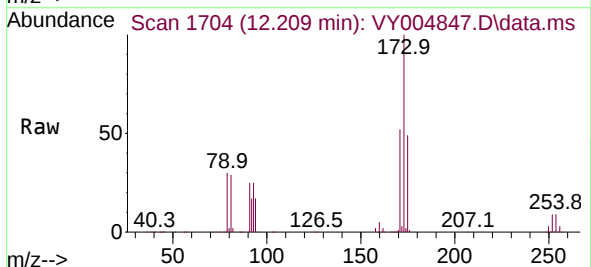
Instrument :  
MSVOA\_Y  
ClientSampled :

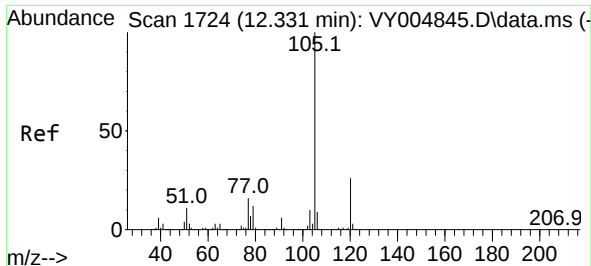
Tgt Ion: 83 Resp: 473085  
Ion Ratio Lower Upper  
83 100  
85 62.9 45.0 83.6  
131 9.7 6.9 10.3



#59  
Bromoform  
Concen: 92.06 ug/L  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

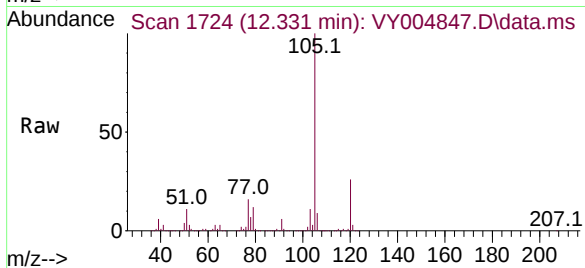
Tgt Ion: 173 Resp: 285559  
Ion Ratio Lower Upper  
173 100  
175 49.0 38.8 58.2  
254 8.9 7.3 10.9



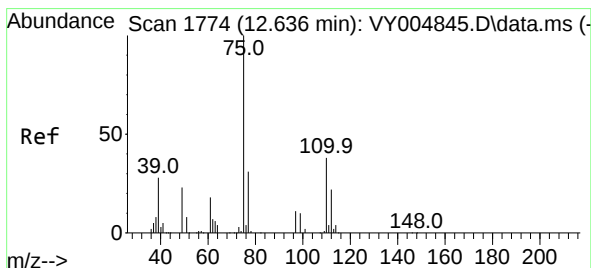
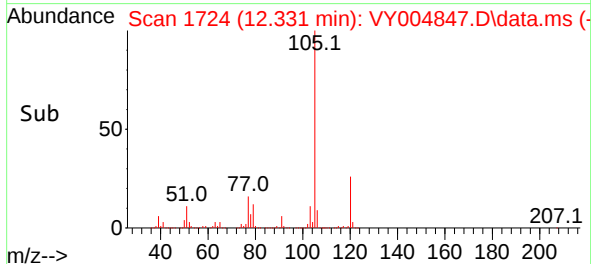
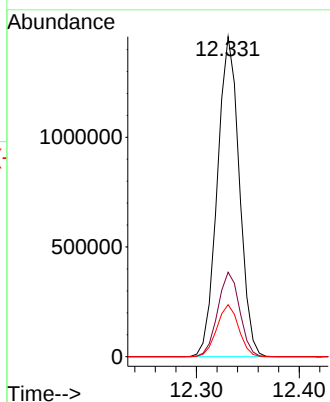


#60  
Isopropylbenzene  
Concen: 99.69 ug/L  
RT: 12.331 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

Instrument :  
MSVOA\_Y  
ClientSampled :

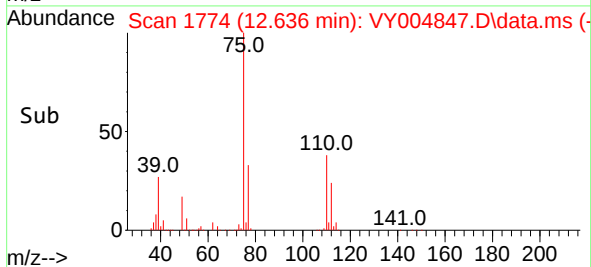
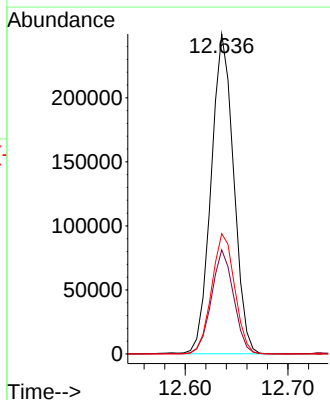
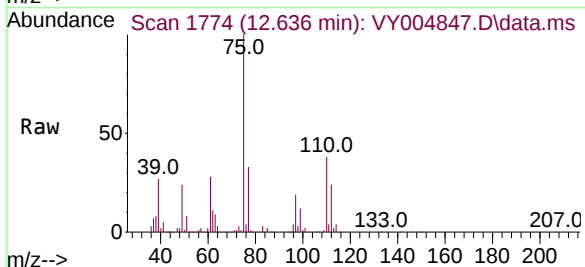


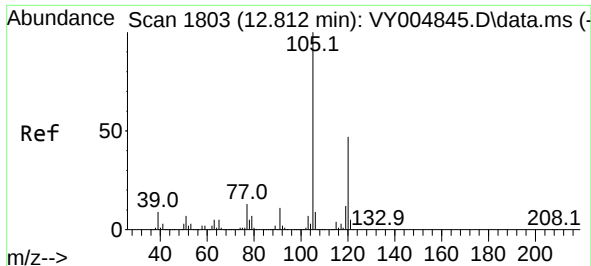
Tgt Ion:105 Resp: 2162512  
Ion Ratio Lower Upper  
105 100  
120 26.3 21.0 31.6  
77 16.1 12.7 19.1



#61  
1,2,3-Trichloropropane  
Concen: 98.44 ug/L  
RT: 12.636 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

Tgt Ion: 75 Resp: 380589  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.7 38.5  
110 38.4 30.8 46.2

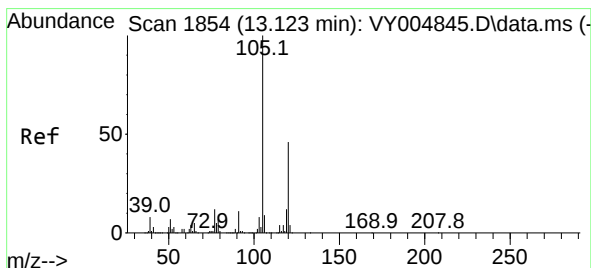
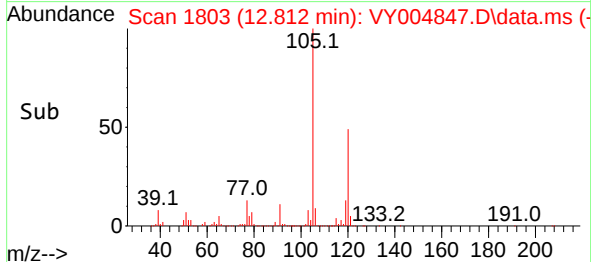
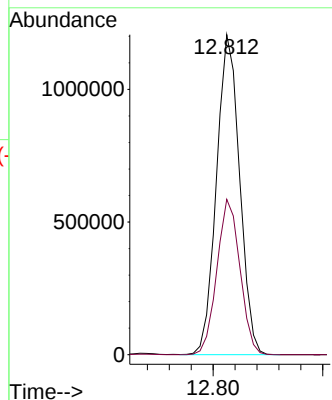
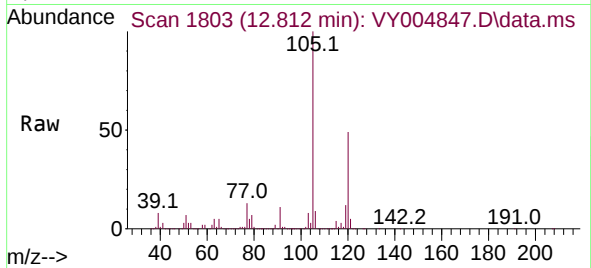




#62  
1,3,5-Trimethylbenzene  
Concen: 96.81 ug/L  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

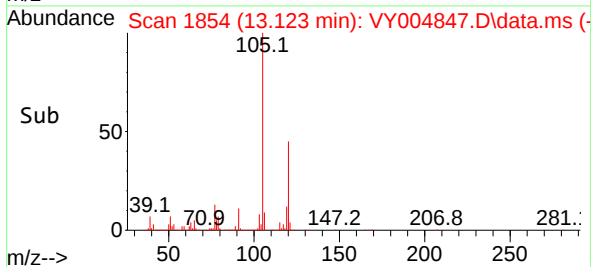
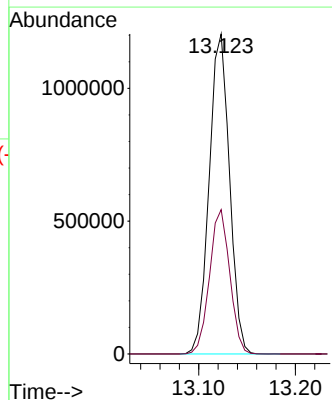
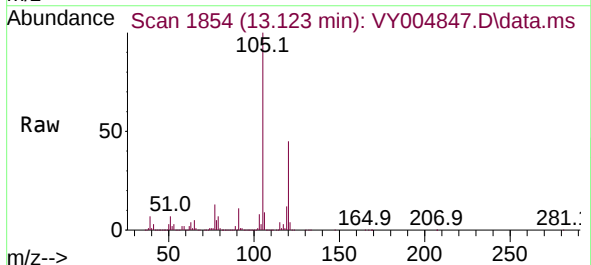
Instrument :  
MSVOA\_Y  
ClientSampled :

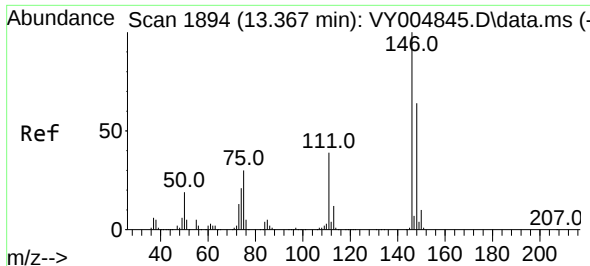
Tgt Ion:105 Resp: 1769000  
Ion Ratio Lower Upper  
105 100  
120 48.3 38.3 57.5



#63  
1,2,4-Trimethylbenzene  
Concen: 97.95 ug/L  
RT: 13.123 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

Tgt Ion:105 Resp: 1762119  
Ion Ratio Lower Upper  
105 100  
120 44.8 36.2 54.4

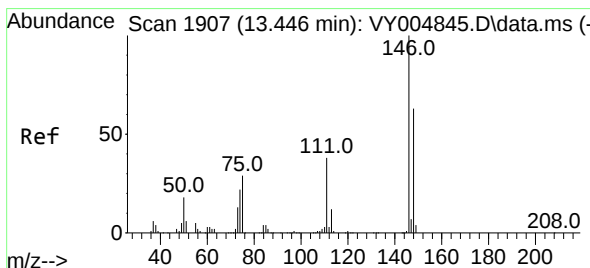
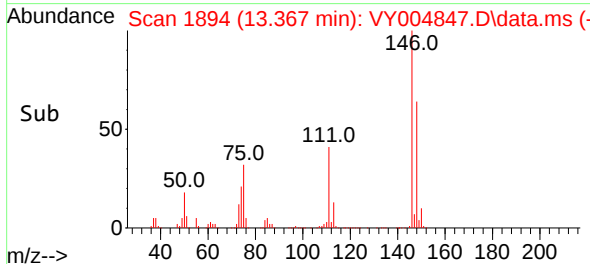
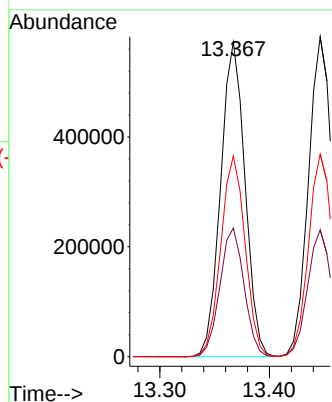
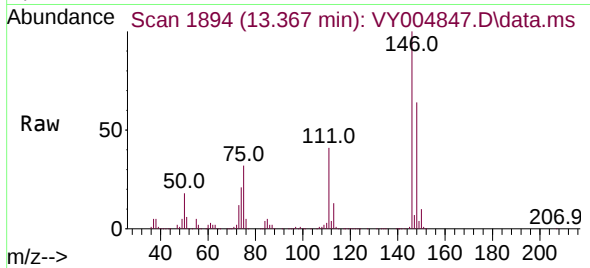




#64  
1,3-Dichlorobenzene  
Concen: 89.86 ug/L  
RT: 13.367 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

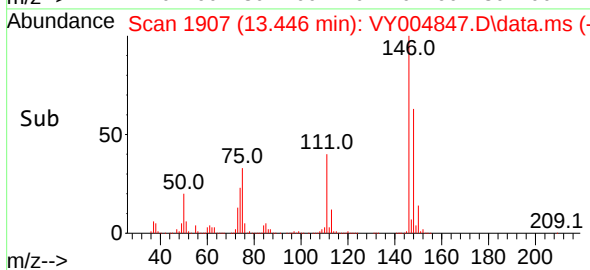
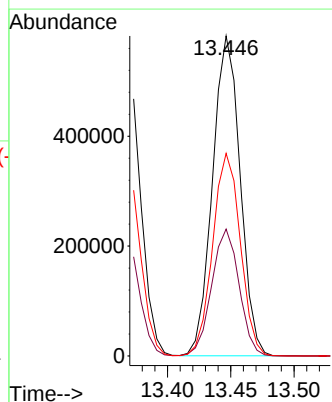
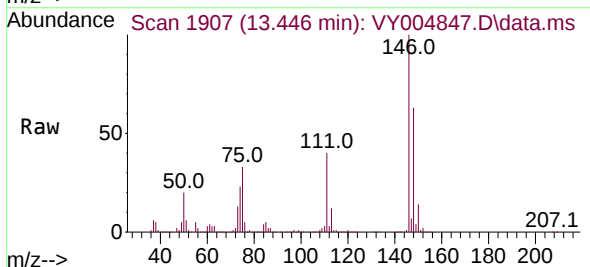
Instrument :  
MSVOA\_Y  
ClientSampled :

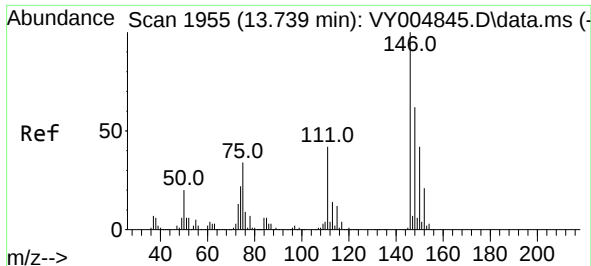
Tgt Ion:146 Resp: 883771  
Ion Ratio Lower Upper  
146 100  
111 40.9 27.4 51.0  
148 63.8 45.1 83.7



#65  
1,4-Dichlorobenzene  
Concen: 89.74 ug/L  
RT: 13.446 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

Tgt Ion:146 Resp: 883975  
Ion Ratio Lower Upper  
146 100  
111 39.6 26.4 49.0  
148 63.3 44.3 82.3

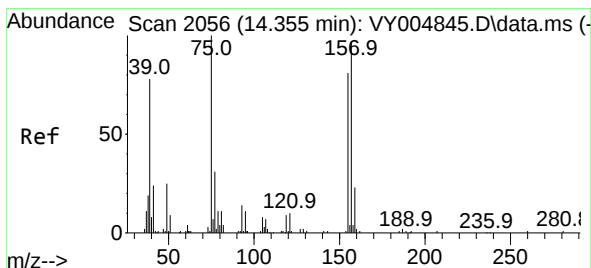
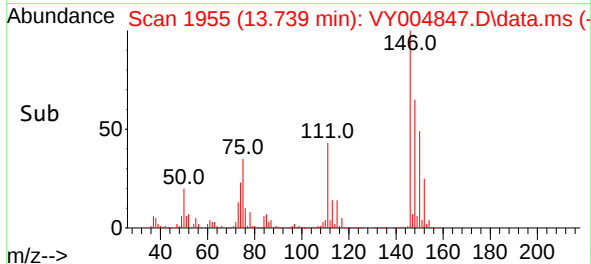
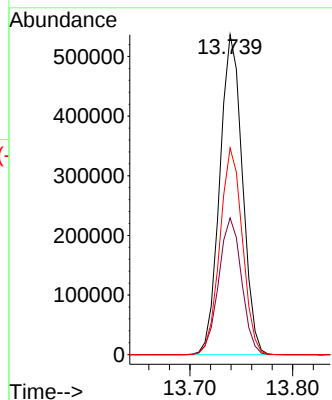
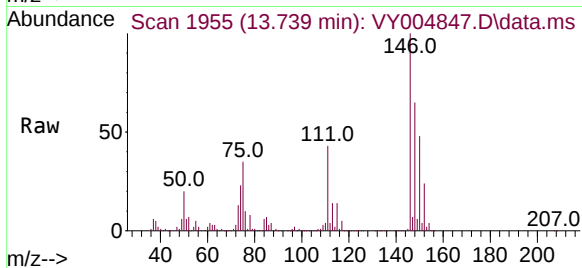




#67  
1,2-Dichlorobenzene  
Concen: 89.51 ug/L  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

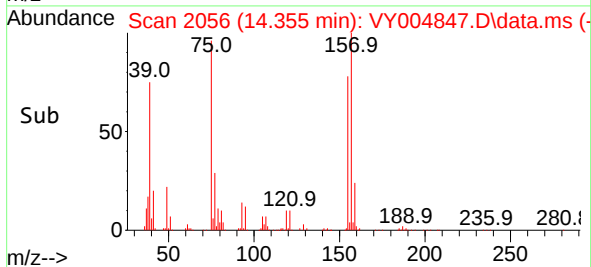
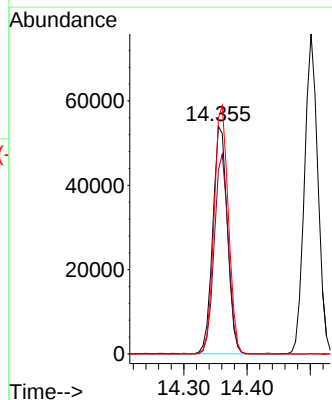
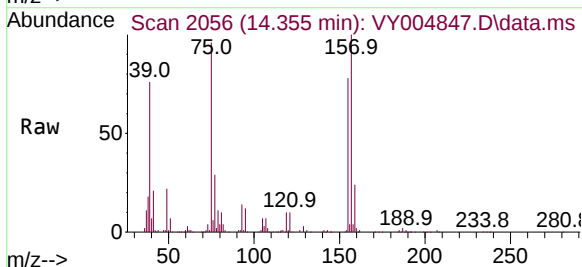
Instrument :  
MSVOA\_Y  
ClientSampleId :

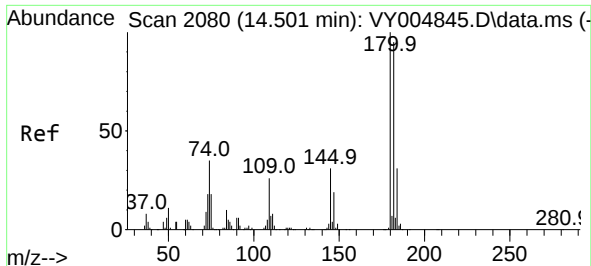
Tgt Ion:146 Resp: 819367  
Ion Ratio Lower Upper  
146 100  
111 42.7 33.9 50.9  
148 64.6 49.7 74.5



#68  
1,2-Dibromo-3-chloropropane  
Concen: 93.38 ug/L  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

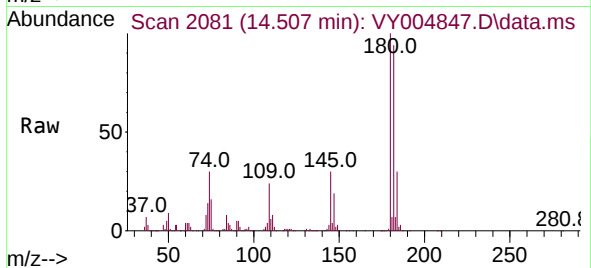
Tgt Ion: 75 Resp: 86250  
Ion Ratio Lower Upper  
75 100  
155 80.8 64.5 96.7  
157 103.7 77.4 116.2



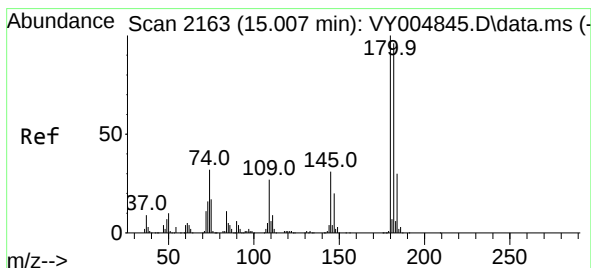
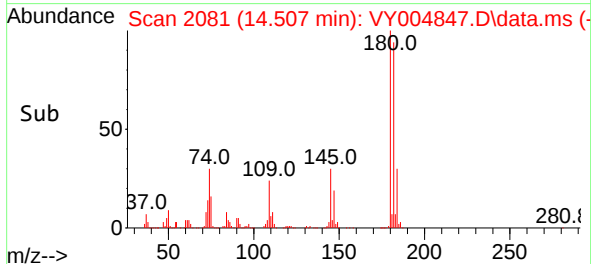
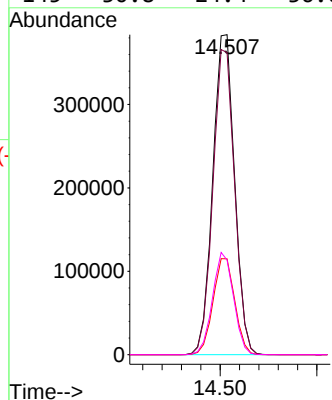


#69  
1,3,5-Trichlorobenzene  
Concen: 85.32 ug/L  
RT: 14.507 min Scan# 2081  
Delta R.T. 0.006 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

Instrument :  
MSVOA\_Y  
ClientSampled :

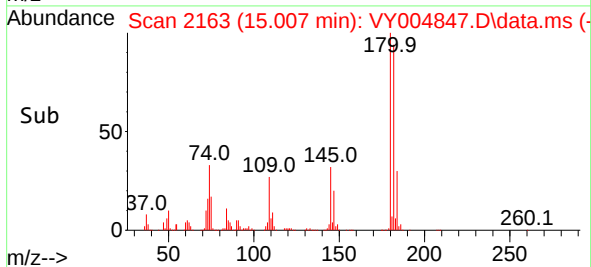
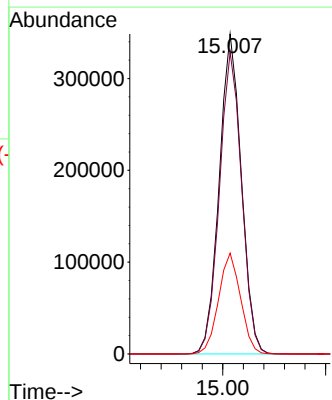
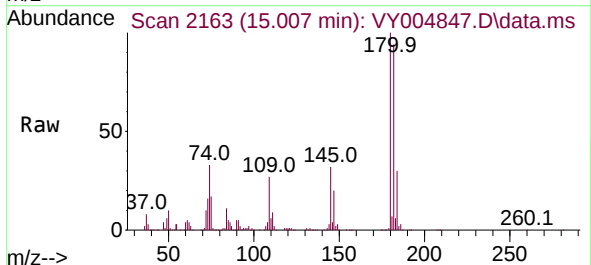


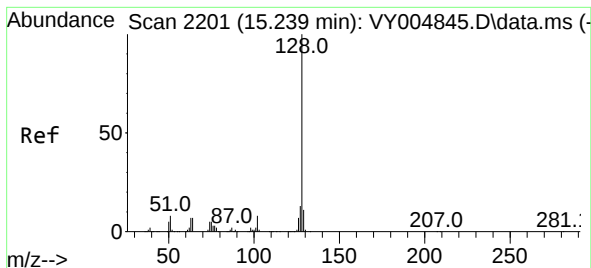
Tgt Ion:180 Resp: 600433  
Ion Ratio Lower Upper  
180 100  
182 94.8 76.1 114.1  
184 30.0 24.6 36.8  
145 30.8 24.4 36.6



#70  
1,2,4-trichlorobenzene  
Concen: 88.96 ug/L  
RT: 15.007 min Scan# 2163  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

Tgt Ion:180 Resp: 519919  
Ion Ratio Lower Upper  
180 100  
182 94.8 76.4 114.6  
145 31.3 25.0 37.6

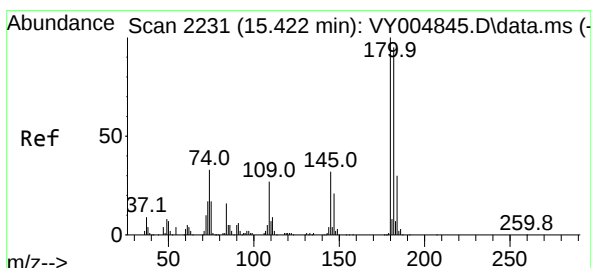
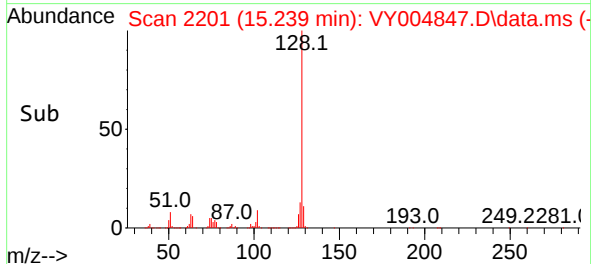
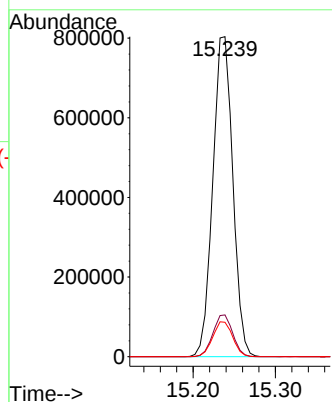
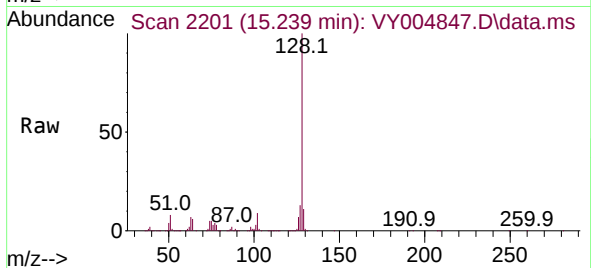




#71  
Naphthalene  
Concen: 108.15 ug/L  
RT: 15.239 min Scan# 2201  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

Instrument :  
MSVOA\_Y  
ClientSampled :

Tgt Ion:128 Resp: 1359619  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.3 15.5  
129 10.9 8.9 13.3



#72  
1,2,3-Trichlorobenzene  
Concen: 92.49 ug/L  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.000 min  
Lab File: VY004847.D  
Acq: 19 May 2021 12:20

Tgt Ion:180 Resp: 471245  
Ion Ratio Lower Upper  
180 100  
182 94.9 76.2 114.2  
145 32.8 25.8 38.8

