

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011322\  
 Data File : VY007138.D  
 Acq On : 13 Jan 2022 12:23  
 Operator : SY/MD  
 Sample : VSTDICC020  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICC020

Quant Time: Jan 14 05:27:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 14 05:26:06 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.795  | 168  | 138490   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 235365   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 204975   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 91885    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 33693    | 20.137   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 40.280%# |
| 35) Dibromofluoromethane    | 7.722  | 113   | 32348    | 20.404   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 40.800%# |
| 50) Toluene-d8              | 10.179 | 98    | 118874   | 20.336   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 40.680%# |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 42172    | 20.043   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 40.080%  |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.912 | 85  | 7750   | 16.267  | ug/l   | 94  |
| 3) Chloromethane             | 2.113 | 50  | 18738  | 18.713  | ug/l   | 95  |
| 4) Vinyl Chloride            | 2.259 | 62  | 27586  | 18.908  | ug/l   | 97  |
| 5) Bromomethane              | 2.656 | 94  | 17000  | 17.510  | ug/l   | 95  |
| 6) Chloroethane              | 2.802 | 64  | 17485  | 19.504  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.131 | 101 | 30469  | 17.452  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.528 | 74  | 16176  | 18.490  | ug/l   | 91  |
| 9) 1,1,2-Trichlorotrifluo... | 3.906 | 101 | 29295  | 19.071  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.088 | 142 | 43906  | 18.613  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 4.966 | 59  | 14569  | 109.144 | ug/l # | 84  |
| 12) 1,1-Dichloroethene       | 3.875 | 96  | 29739  | 18.846  | ug/l   | 100 |
| 13) Acrolein                 | 3.729 | 56  | 4288   | 97.768  | ug/l   | 99  |
| 14) Allyl chloride           | 4.479 | 41  | 47892  | 19.754  | ug/l   | 97  |
| 15) Acrylonitrile            | 5.168 | 53  | 37704  | 93.605  | ug/l   | 98  |
| 16) Acetone                  | 3.954 | 43  | 35358  | 105.805 | ug/l   | 100 |
| 17) Carbon Disulfide         | 4.198 | 76  | 83290  | 18.535  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.479 | 43  | 30727  | 21.209  | ug/l   | 96  |
| 19) Methyl tert-butyl Ether  | 5.216 | 73  | 57799  | 18.422  | ug/l   | 97  |
| 20) Methylene Chloride       | 4.710 | 84  | 34346  | 18.413  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.222 | 96  | 32454  | 19.012  | ug/l   | 97  |
| 22) Diisopropyl ether        | 6.119 | 45  | 97657  | 19.772  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.058 | 43  | 267719 | 93.405  | ug/l   | 97  |
| 24) 1,1-Dichloroethane       | 6.021 | 63  | 59030  | 19.649  | ug/l   | 100 |
| 25) 2-Butanone               | 6.984 | 43  | 49057  | 98.618  | ug/l   | 97  |
| 26) 2,2-Dichloropropane      | 6.984 | 77  | 43584  | 18.883  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 6.984 | 96  | 36520  | 18.980  | ug/l   | 97  |
| 28) Bromochloromethane       | 7.332 | 49  | 19442  | 17.503  | ug/l   | 97  |
| 29) Tetrahydrofuran          | 7.350 | 42  | 31937  | 92.047  | ug/l   | 98  |
| 30) Chloroform               | 7.509 | 83  | 61136  | 19.357  | ug/l   | 97  |
| 31) Cyclohexane              | 7.789 | 56  | 55226  | 19.387  | ug/l # | 94  |
| 32) 1,1,1-Trichloroethane    | 7.704 | 97  | 52214  | 19.071  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 47465  | 19.095  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.076 | 43  | 22831  | 18.494  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 7.899 | 117 | 51174  | 19.622  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.185 | 83  | 58497  | 18.853  | ug/l   | 98  |
| 40) Benzene                  | 8.161 | 78  | 128031 | 19.073  | ug/l   | 99  |

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 Sample : VSTDICC020  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICC020

Quant Time: Jan 14 05:27:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 14 05:26:06 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.350  | 41   | 32048    | 45.950  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 41019    | 19.896  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 44451    | 18.570  | ug/l   | 100      |
| 44) Trichloroethene           | 8.941  | 130  | 34403    | 18.537  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 32484    | 19.449  | ug/l   | 98       |
| 46) Dibromomethane            | 9.307  | 93   | 18400    | 18.507  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.496  | 83   | 46670    | 18.796  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.289  | 41   | 19540    | 18.250  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.313  | 88   | 3792     | 365.203 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 112483   | 95.144  | ug/l   | 97       |
| 52) Toluene                   | 10.246 | 92   | 80837    | 18.854  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 48436    | 18.631  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 55513    | 18.963  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 26235    | 19.403  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 35027    | 18.484  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 44153    | 18.638  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.783  | 63   | 77895    | 90.037  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.831 | 43   | 75238    | 97.449  | ug/l   | 96       |
| 60) Dibromochloromethane      | 10.984 | 129  | 30750    | 18.261  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 24716    | 18.265  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 28405    | 19.449  | ug/l   | 94       |
| 65) Chlorobenzene             | 11.514 | 112  | 86418    | 19.533  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 31577    | 19.197  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 162012   | 19.508  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 120599   | 38.803  | ug/l   | 100      |
| 69) o-Xylene                  | 12.032 | 106  | 56471    | 19.426  | ug/l   | 99       |
| 70) Styrene                   | 12.044 | 104  | 94629    | 19.242  | ug/l   | 98       |
| 71) Bromoform                 | 12.209 | 173  | 17410    | 18.501  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.331 | 105  | 151949   | 19.384  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 38573    | 19.168  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 28135    | 18.776  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 37347    | 34.724  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 32507    | 18.832  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.672 | 91   | 190453   | 19.886  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 105278   | 19.334  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 124924   | 19.398  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 10122    | 17.990  | ug/l # | 96       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 108748   | 19.338  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 108016   | 19.082  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 125430   | 19.774  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.258 | 105  | 162124   | 19.574  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 133754   | 19.682  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 65043    | 19.491  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 63844    | 19.168  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 131650   | 19.862  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.959 | 117  | 25712    | 19.121  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 56961    | 19.389  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 4591     | 18.361  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 32291    | 18.476  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 17660    | 19.598  | ug/l   | 97       |
| 95) Naphthalene               | 15.239 | 128  | 66453    | 18.162  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 26975    | 18.327  | ug/l   | 99       |

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Sample : VSTDICC020  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

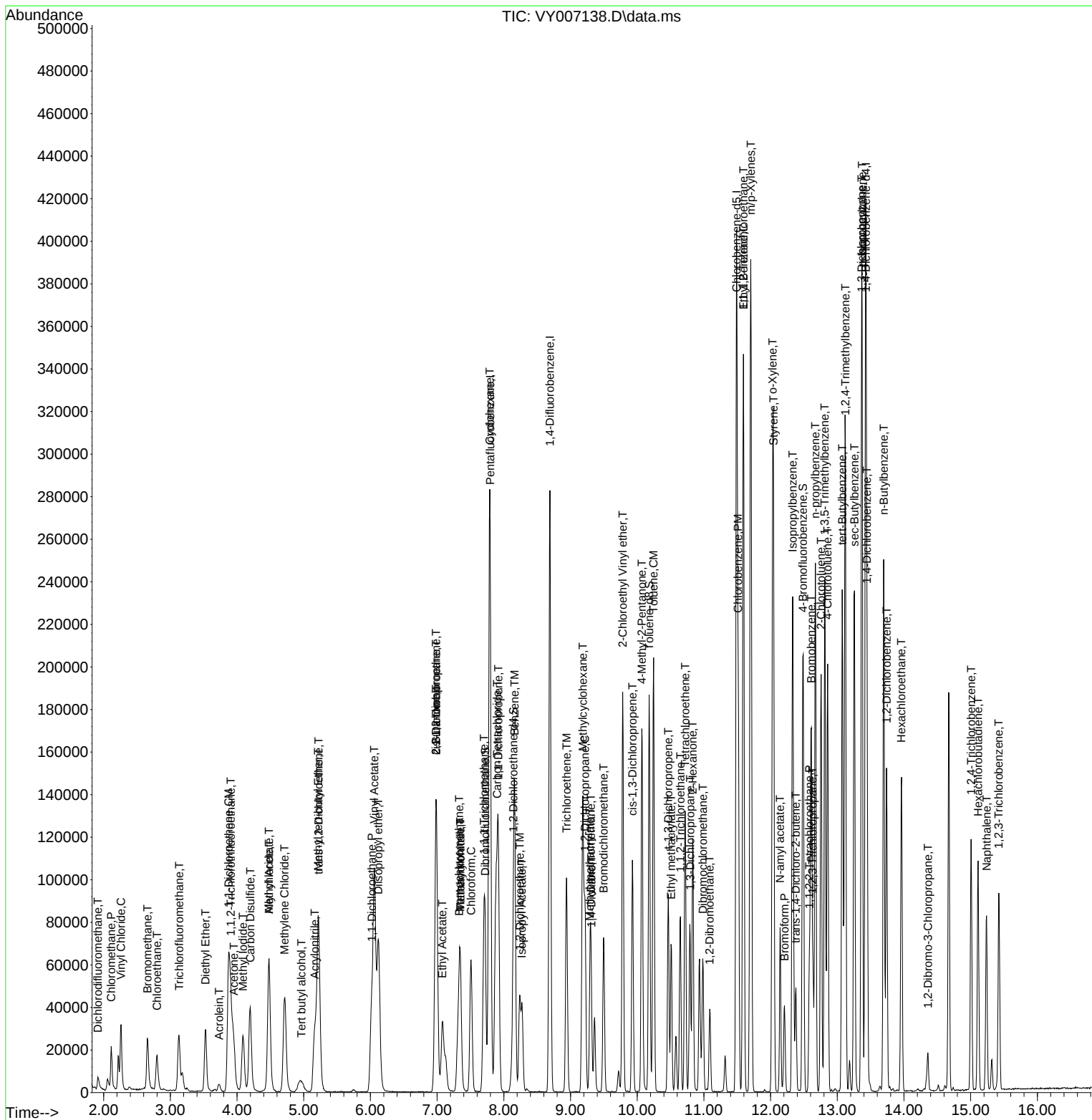
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC020

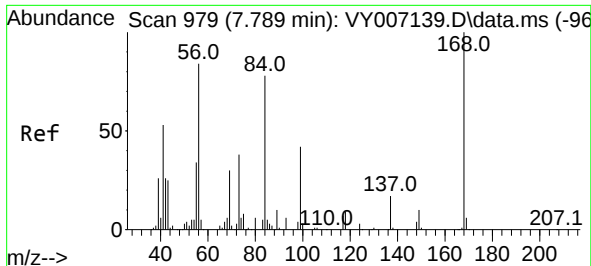
Quant Time: Jan 14 05:27:35 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 14 05:26:06 2022  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 14 05:26:06 2022  
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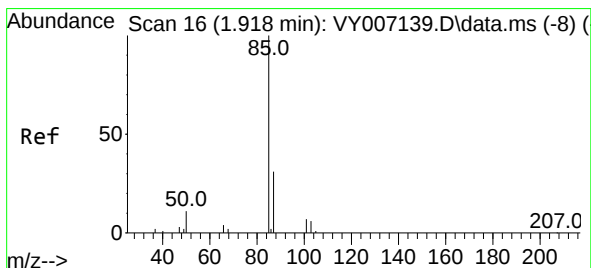
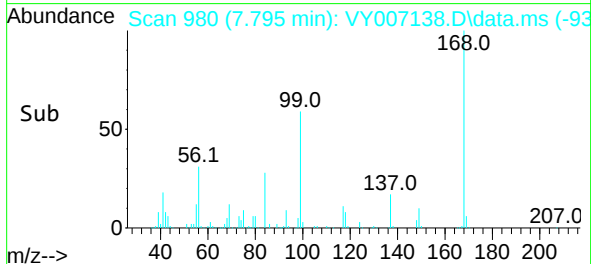
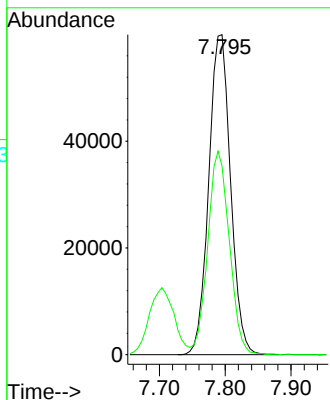
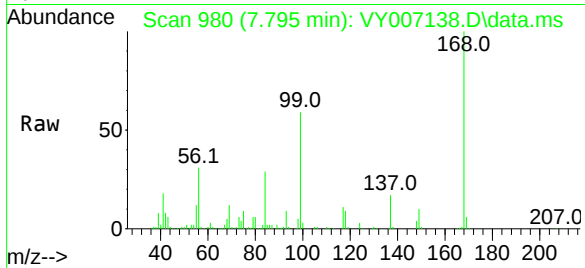




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

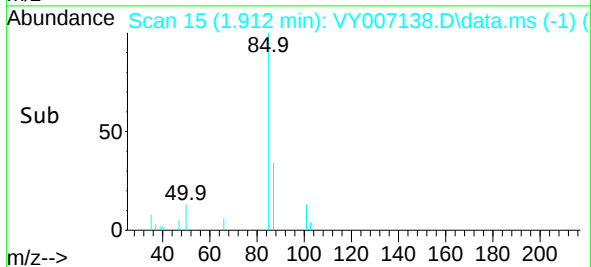
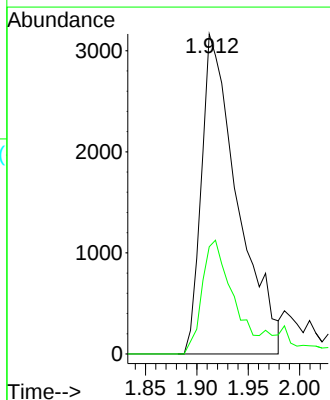
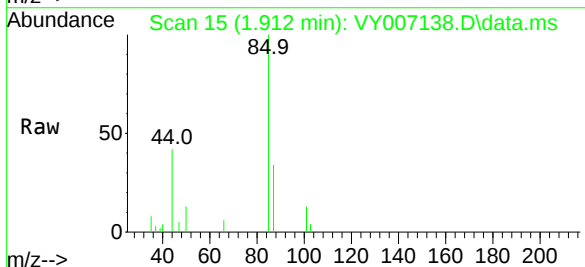
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

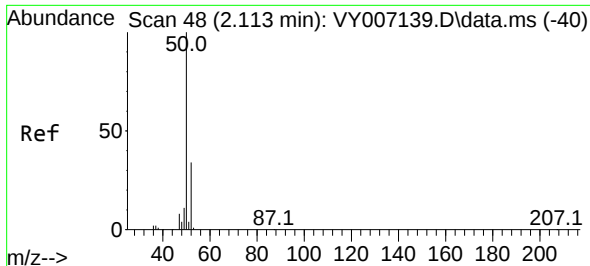
Tgt Ion:168 Resp: 138490  
Ion Ratio Lower Upper  
168 100  
99 58.8 49.1 73.7



#2  
Dichlorodifluoromethane  
Concen: 16.267 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. -0.006 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

Tgt Ion: 85 Resp: 7750  
Ion Ratio Lower Upper  
85 100  
87 33.5 15.2 45.6

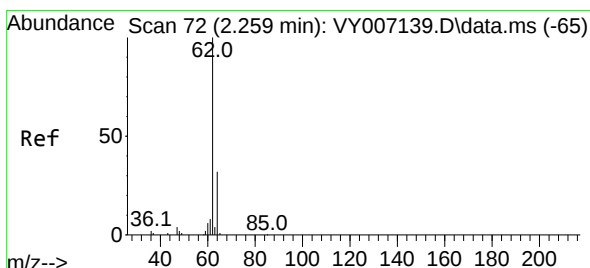
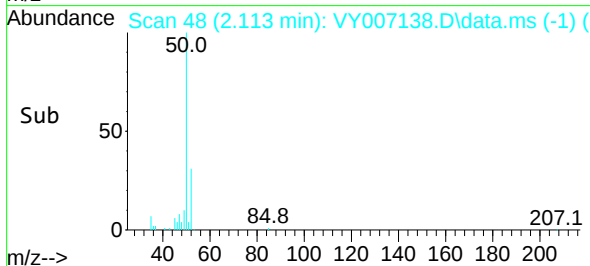
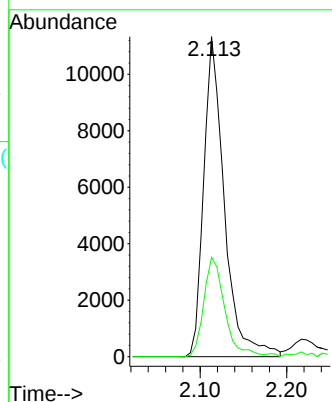
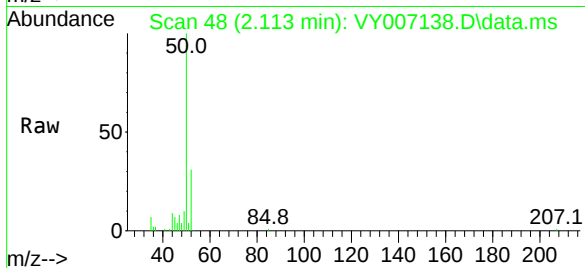




#3  
Chloromethane  
Concen: 18.713 ug/l  
RT: 2.113 min Scan# 48  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

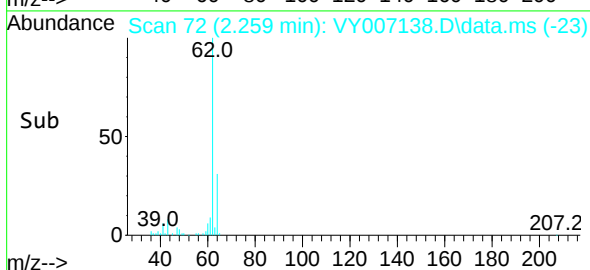
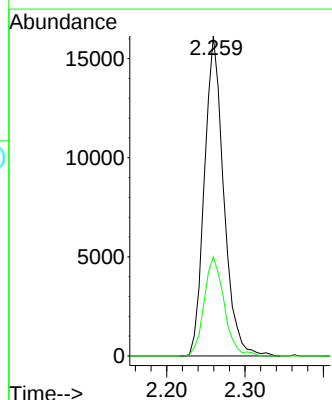
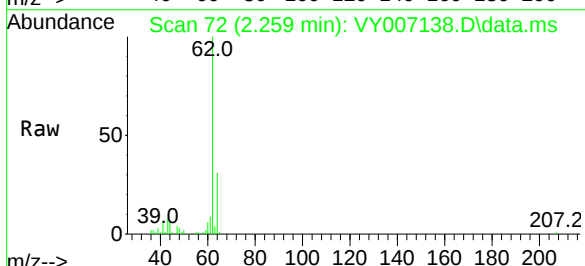
Instrument :  
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ClientSampleId :  
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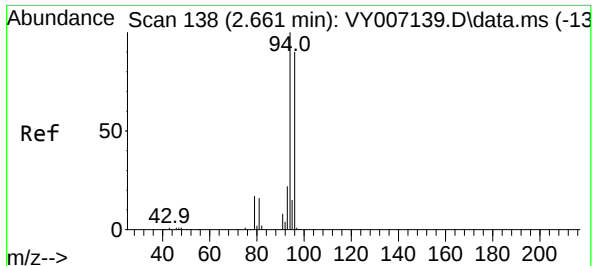
Tgt Ion: 50 Resp: 18738  
Ion Ratio Lower Upper  
50 100  
52 31.1 27.1 40.7



#4  
Vinyl Chloride  
Concen: 18.908 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

Tgt Ion: 62 Resp: 27586  
Ion Ratio Lower Upper  
62 100  
64 31.0 26.1 39.1

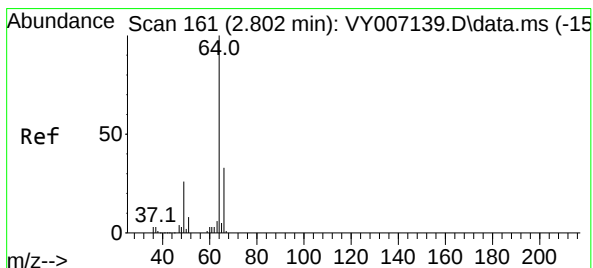
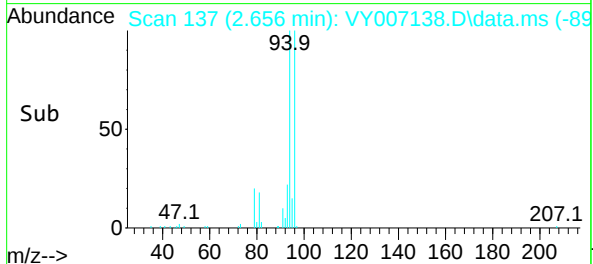
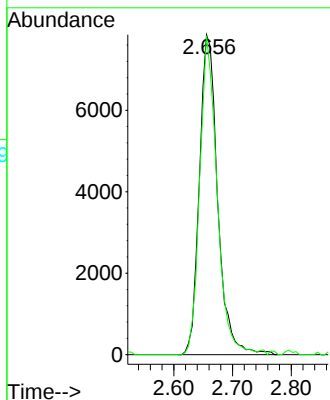
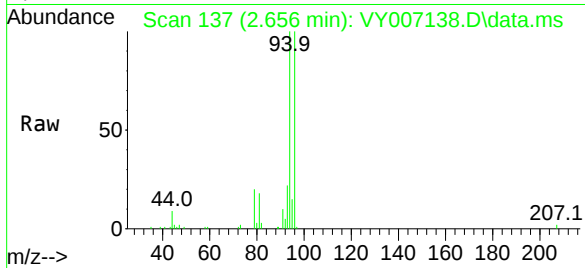




#5  
Bromomethane  
Concen: 17.510 ug/l  
RT: 2.656 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

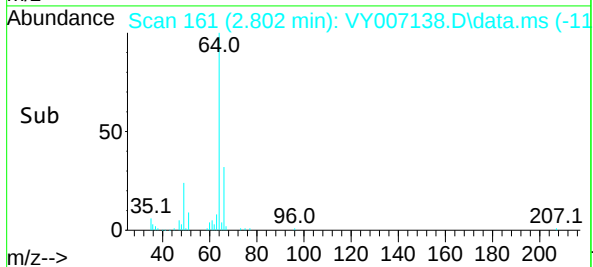
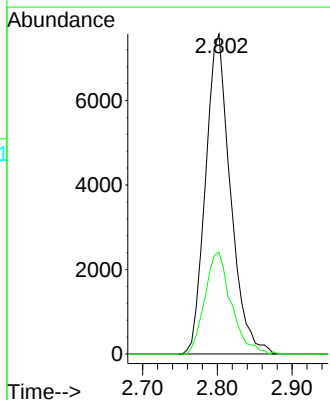
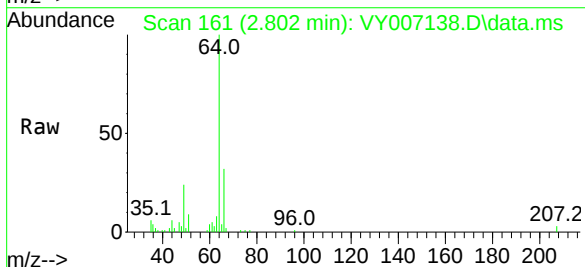
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

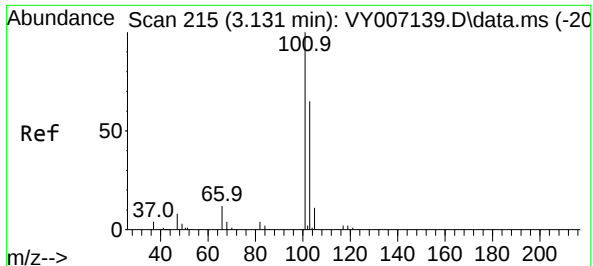
Tgt Ion: 94 Resp: 17000  
Ion Ratio Lower Upper  
94 100  
96 99.7 75.8 113.6



#6  
Chloroethane  
Concen: 19.504 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

Tgt Ion: 64 Resp: 17485  
Ion Ratio Lower Upper  
64 100  
66 31.8 24.8 37.2

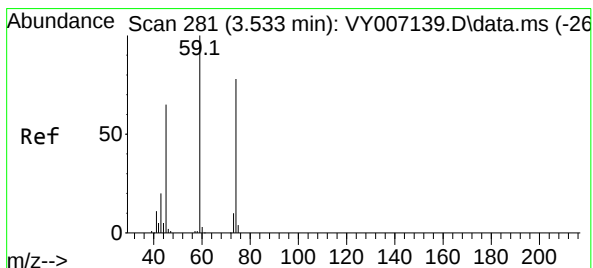
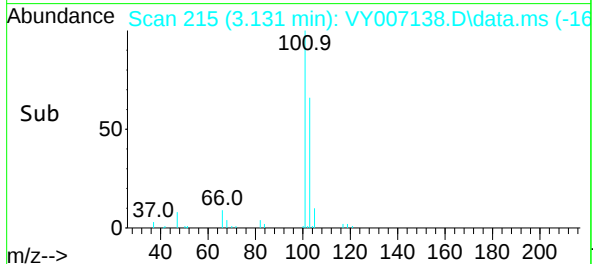
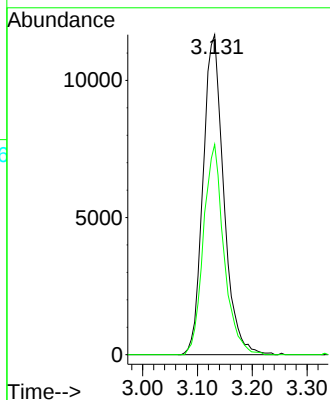
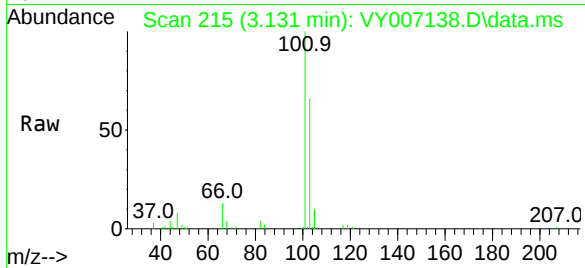




#7  
 Trichlorofluoromethane  
 Concen: 17.452 ug/l  
 RT: 3.131 min Scan# 215  
 Delta R.T. 0.000 min  
 Lab File: VY007138.D  
 Acq: 13 Jan 2022 12:23

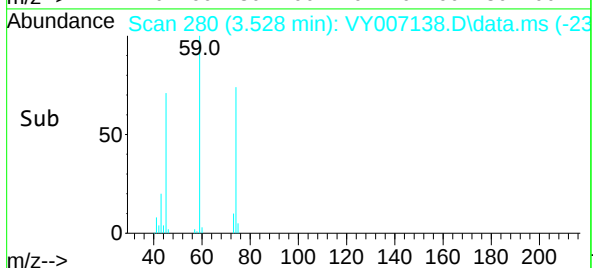
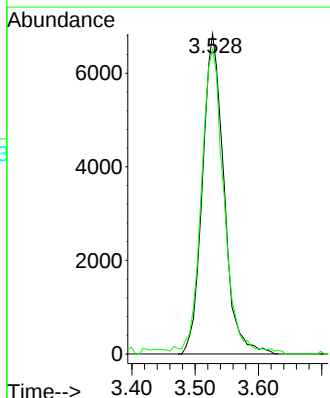
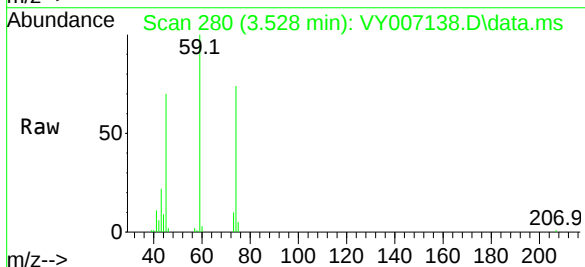
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC020

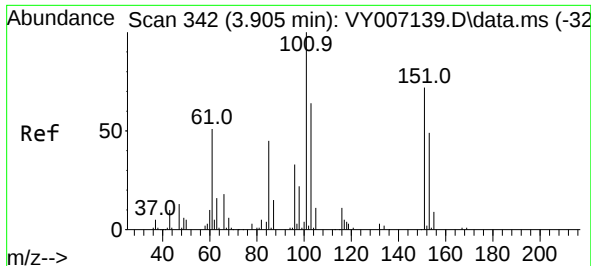
Tgt Ion: 101 Resp: 30469  
 Ion Ratio Lower Upper  
 101 100  
 103 65.7 50.6 76.0



#8  
 Diethyl Ether  
 Concen: 18.490 ug/l  
 RT: 3.528 min Scan# 280  
 Delta R.T. -0.006 min  
 Lab File: VY007138.D  
 Acq: 13 Jan 2022 12:23

Tgt Ion: 74 Resp: 16176  
 Ion Ratio Lower Upper  
 74 100  
 45 100.9 46.1 138.3

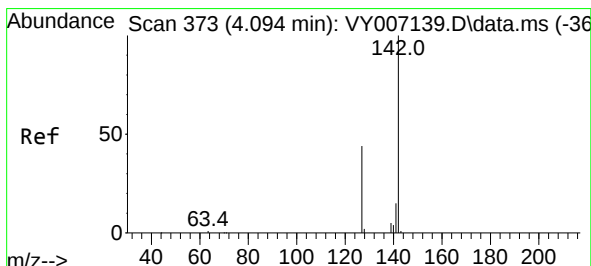
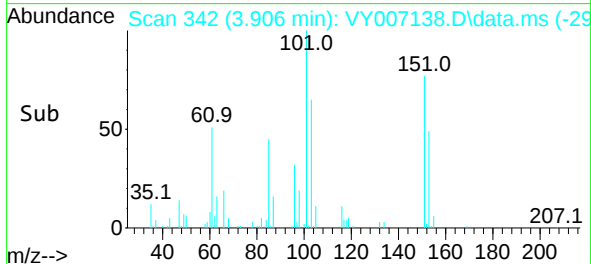
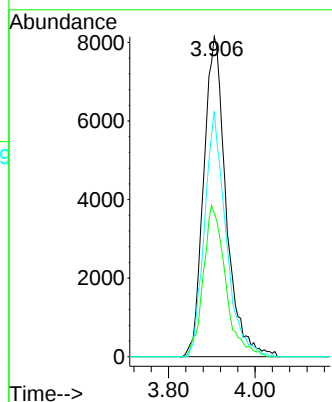
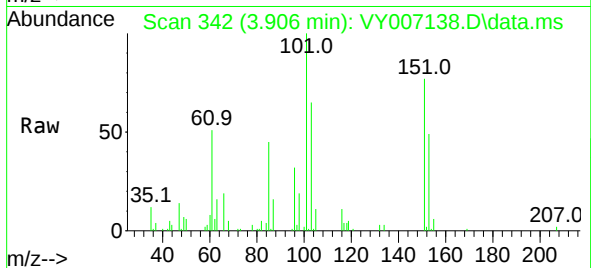




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.071 ug/l  
RT: 3.906 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

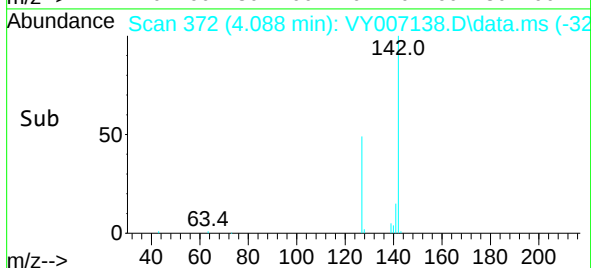
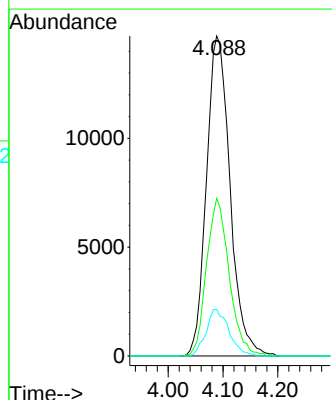
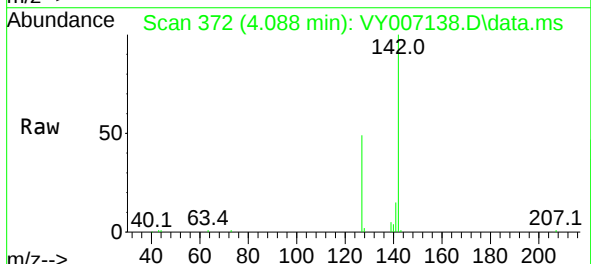
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

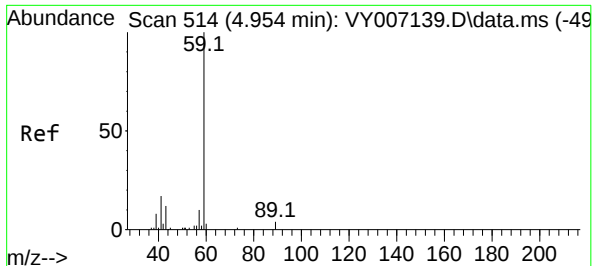
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 29295 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 46.8  | 35.4  | 53.0  |
| 151      | 73.4  | 60.4  | 90.6  |



#10  
Methyl Iodide  
Concen: 18.613 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. -0.006 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 43906 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 47.3  | 36.2  | 54.4  |
| 141      | 14.1  | 11.5  | 17.3  |

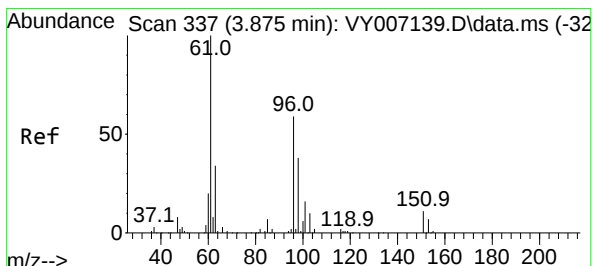
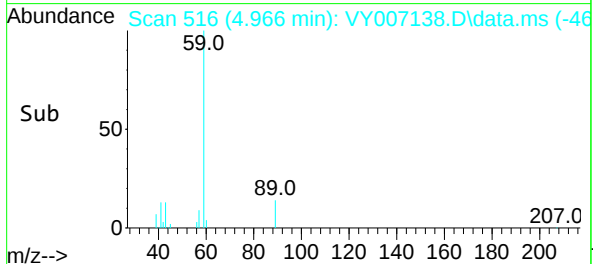
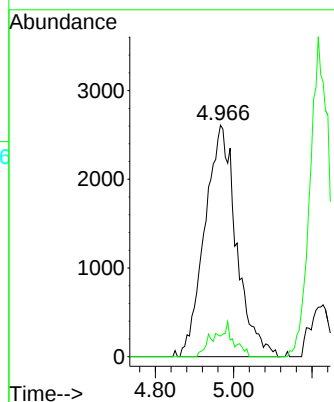
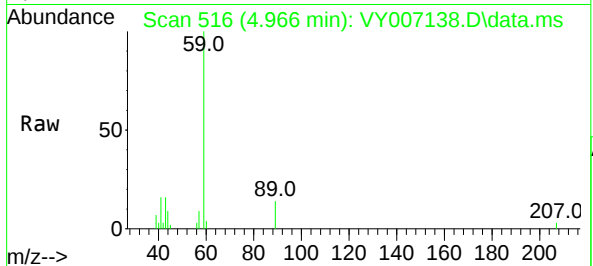




#11  
Tert butyl alcohol  
Concen: 109.144 ug/l  
RT: 4.966 min Scan# 514  
Delta R.T. 0.013 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

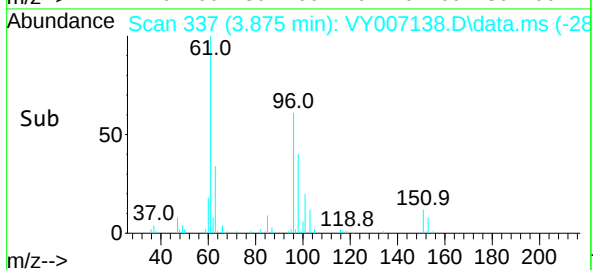
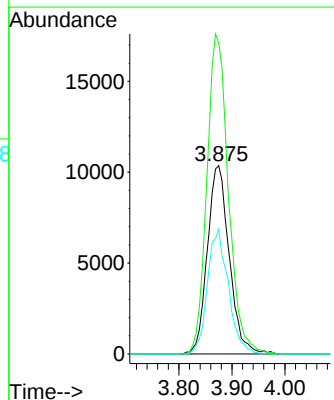
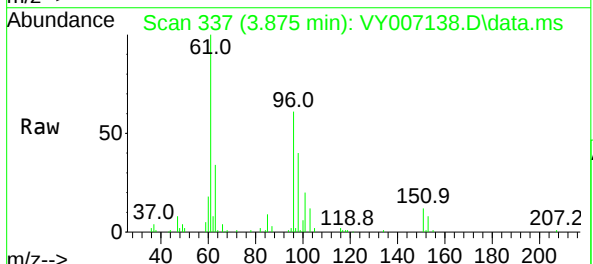
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC020

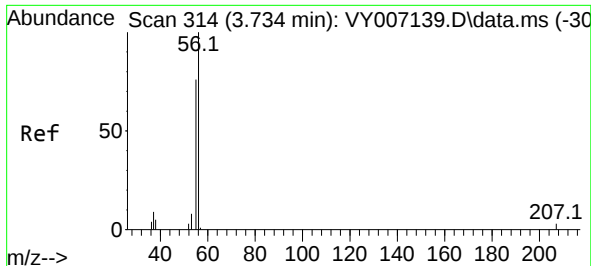
Tgt Ion: 59 Resp: 14569  
Ion Ratio Lower Upper  
59 100  
57 4.2 8.1 12.1#



#12  
1,1-Dichloroethene  
Concen: 18.846 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

Tgt Ion: 96 Resp: 29739  
Ion Ratio Lower Upper  
96 100  
61 165.0 131.9 197.9  
98 66.3 52.7 79.1

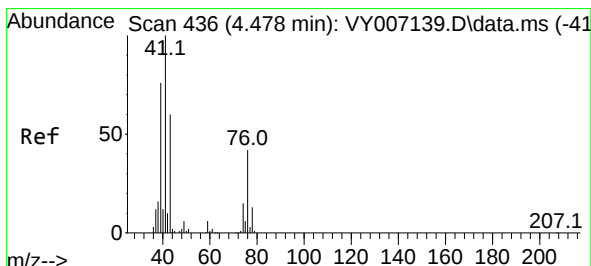
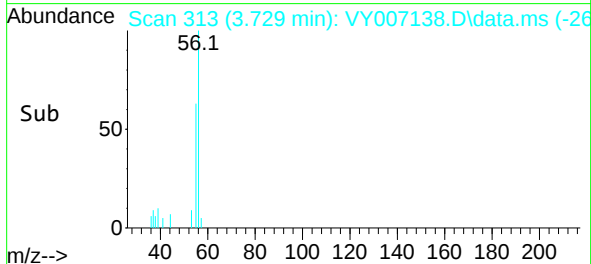
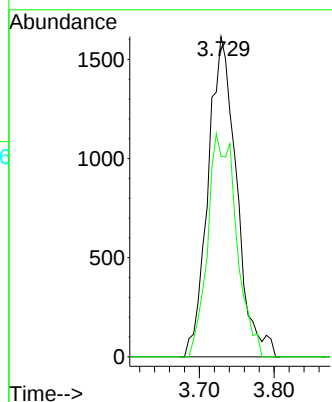
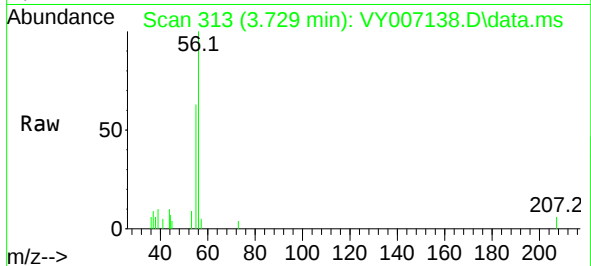




#13  
Acrolein  
Concen: 97.768 ug/l  
RT: 3.729 min Scan# 314  
Delta R.T. -0.006 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

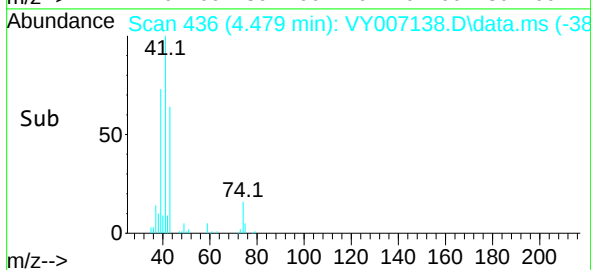
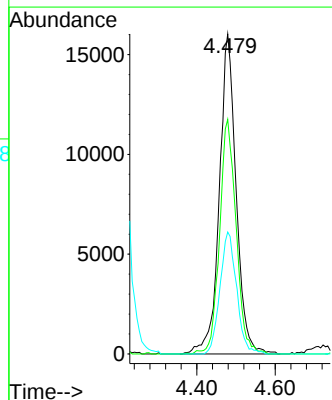
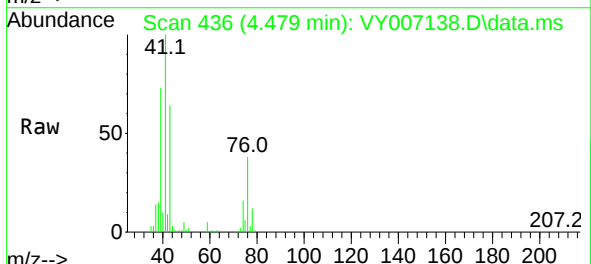
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC020

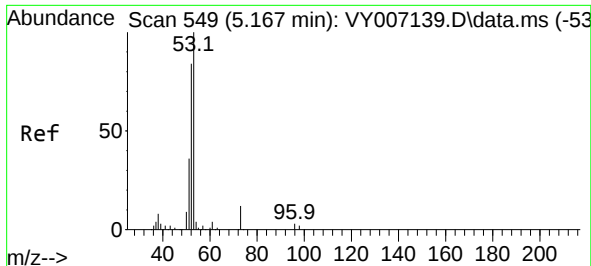
Tgt Ion: 56 Resp: 4288  
Ion Ratio Lower Upper  
56 100  
55 70.1 55.7 83.5



#14  
Allyl chloride  
Concen: 19.754 ug/l  
RT: 4.479 min Scan# 436  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

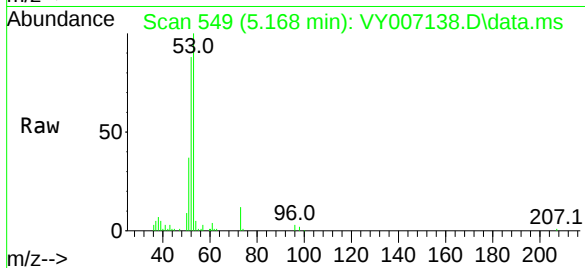
Tgt Ion: 41 Resp: 47892  
Ion Ratio Lower Upper  
41 100  
39 72.1 56.1 84.1  
76 37.7 31.4 47.2



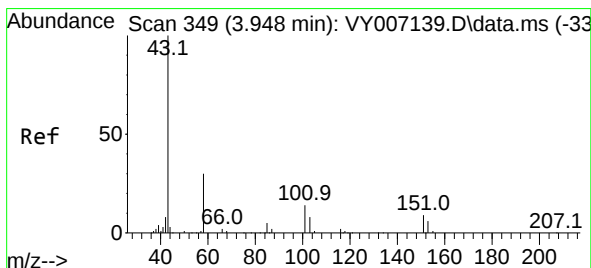
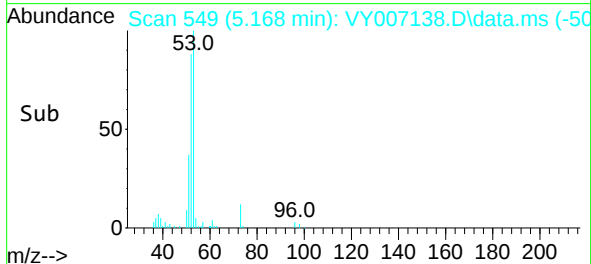
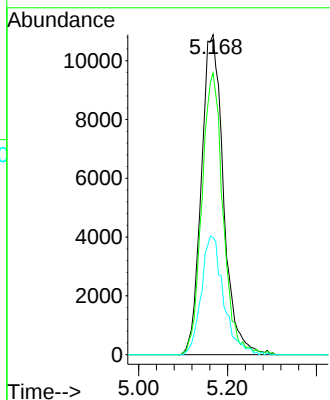


#15  
Acrylonitrile  
Concen: 93.605 ug/l  
RT: 5.168 min Scan# 549  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC020

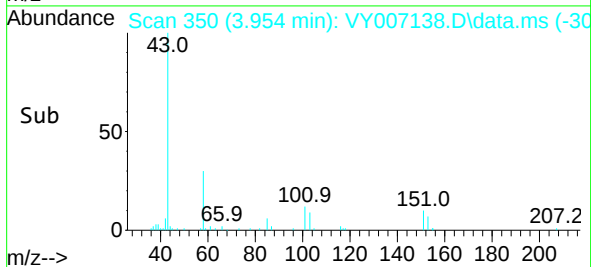
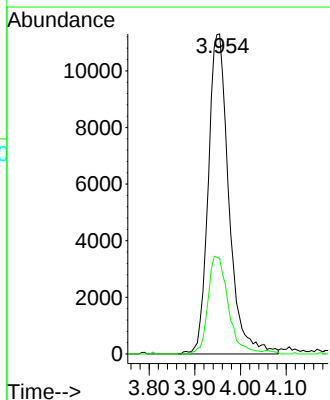
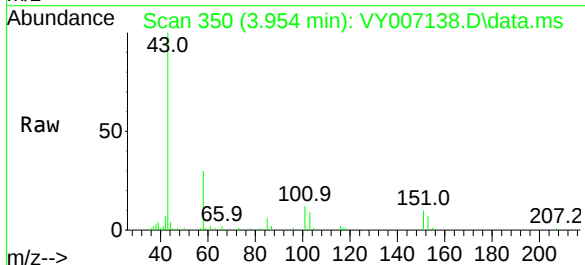


Tgt Ion: 53 Resp: 37704  
Ion Ratio Lower Upper  
53 100  
52 84.0 65.4 98.2  
51 37.3 29.4 44.2



#16  
Acetone  
Concen: 105.805 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. 0.007 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

Tgt Ion: 43 Resp: 35358  
Ion Ratio Lower Upper  
43 100  
58 29.8 23.8 35.6

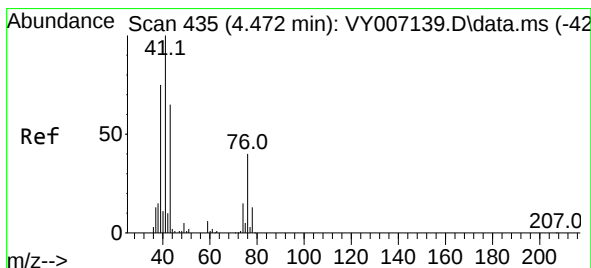
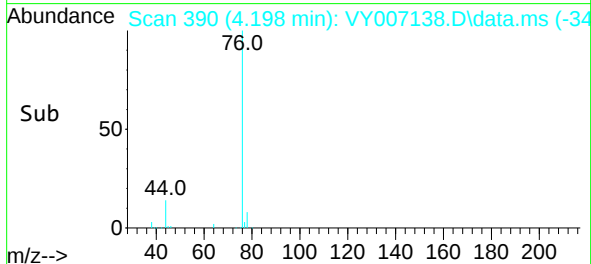
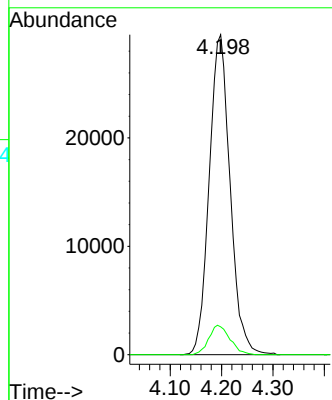
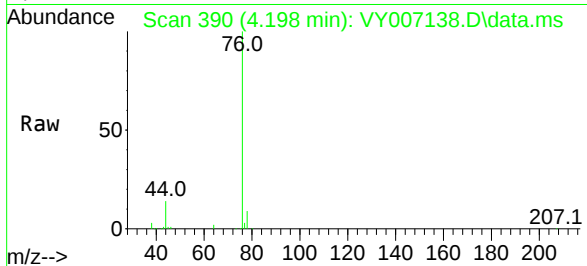




#17  
Carbon Disulfide  
Concen: 18.535 ug/l  
RT: 4.198 min Scan# 390  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

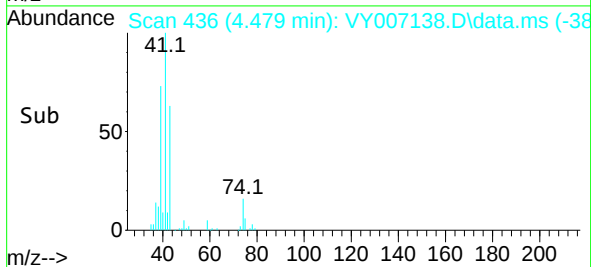
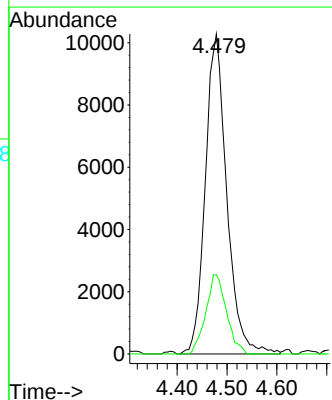
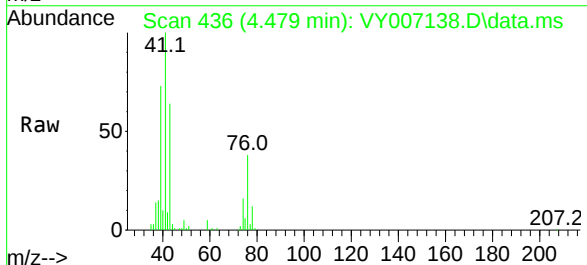
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC020

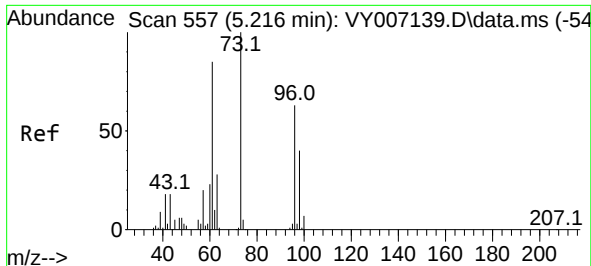
Tgt Ion: 76 Resp: 83290  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.2 10.8



#18  
Methyl Acetate  
Concen: 21.209 ug/l  
RT: 4.479 min Scan# 436  
Delta R.T. 0.007 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

Tgt Ion: 43 Resp: 30727  
Ion Ratio Lower Upper  
43 100  
74 23.9 20.9 31.3

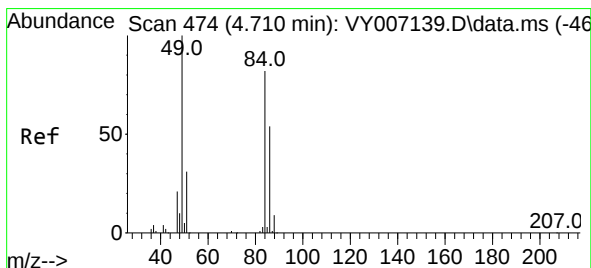
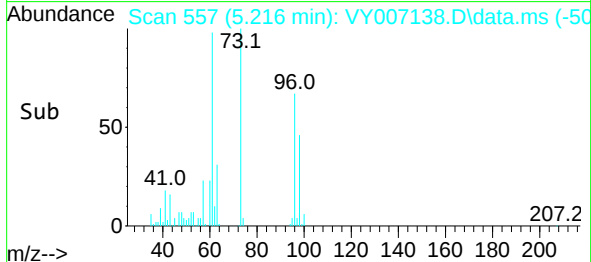
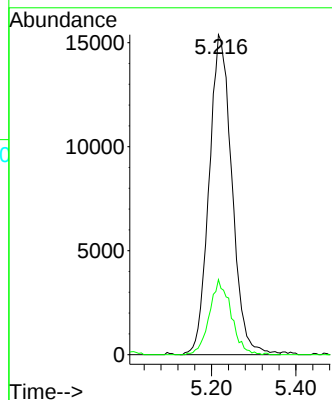
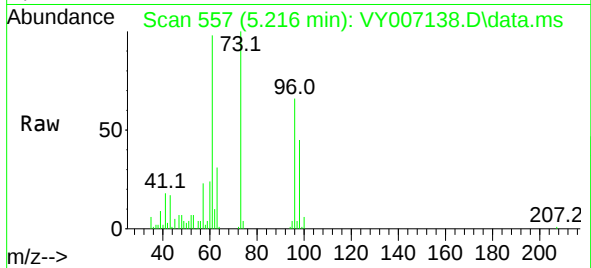




#19  
Methyl tert-butyl Ether  
Concen: 18.422 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

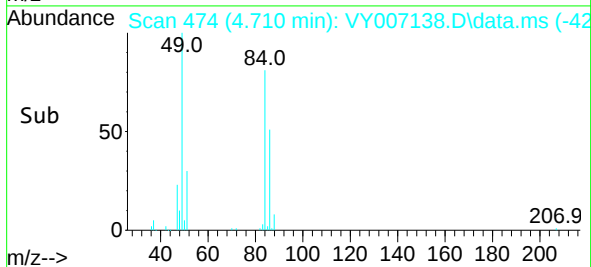
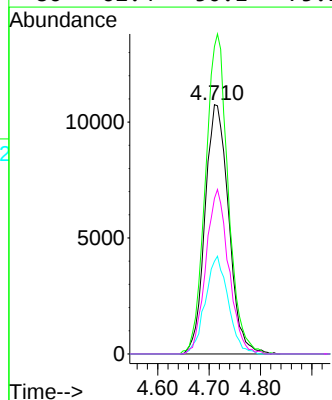
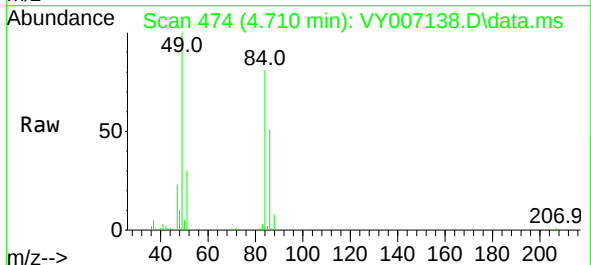
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

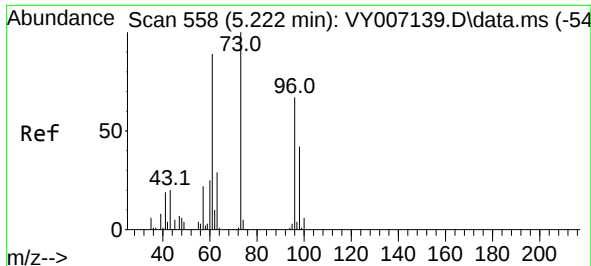
Tgt Ion: 73 Resp: 57799  
Ion Ratio Lower Upper  
73 100  
57 23.4 17.4 26.2



#20  
Methylene Chloride  
Concen: 18.413 ug/l  
RT: 4.710 min Scan# 474  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

Tgt Ion: 84 Resp: 34346  
Ion Ratio Lower Upper  
84 100  
49 123.3 92.6 139.0  
51 37.2 28.6 42.8  
86 62.4 50.1 75.1

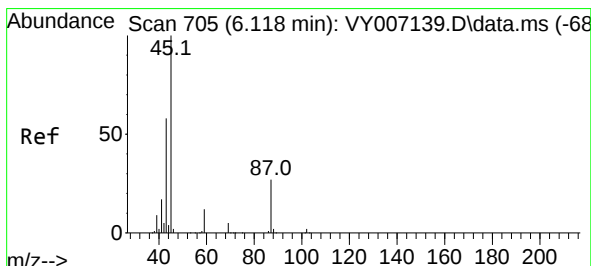
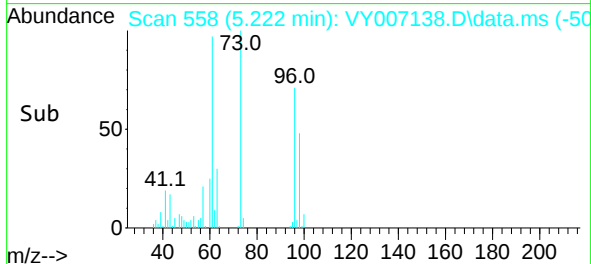
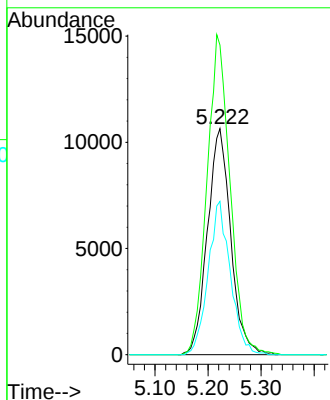
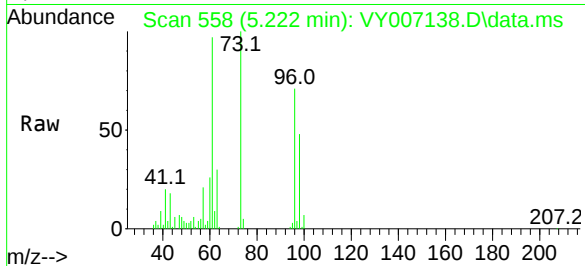




#21  
trans-1,2-Dichloroethene  
Concen: 19.012 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

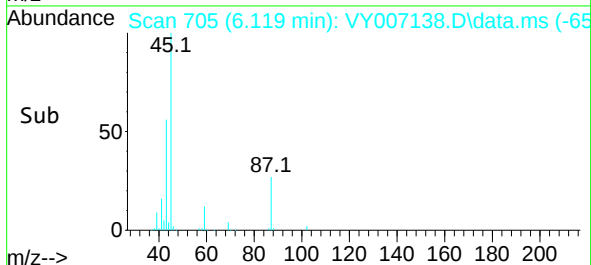
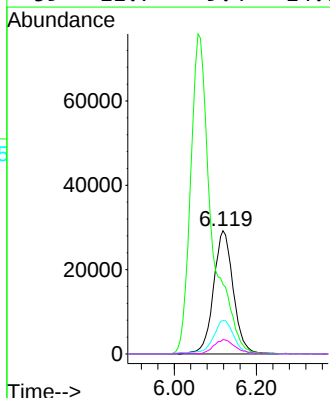
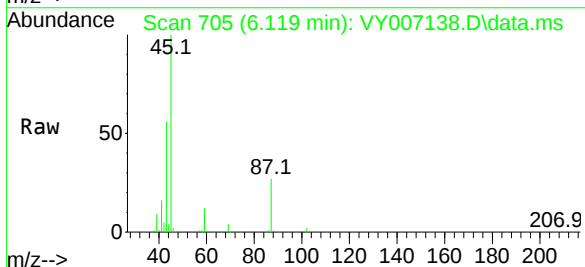
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

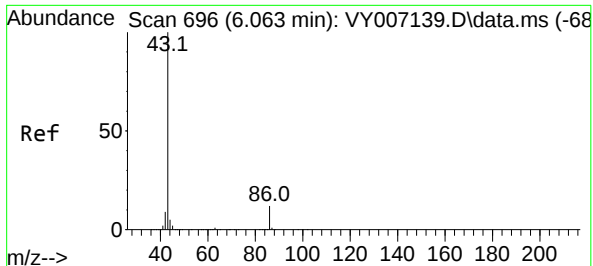
Tgt Ion: 96 Resp: 32454  
Ion Ratio Lower Upper  
96 100  
61 136.9 107.3 160.9  
98 67.8 52.4 78.6



#22  
Diisopropyl ether  
Concen: 19.772 ug/l  
RT: 6.119 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

Tgt Ion: 45 Resp: 97657  
Ion Ratio Lower Upper  
45 100  
43 56.1 45.6 68.4  
87 27.2 22.2 33.2  
59 11.7 9.4 14.0

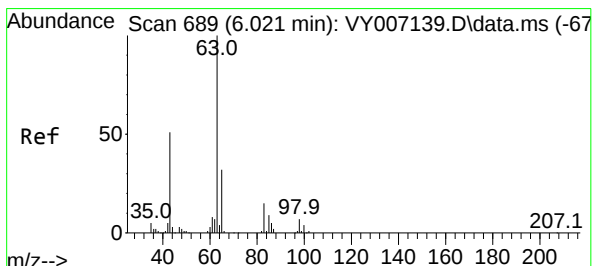
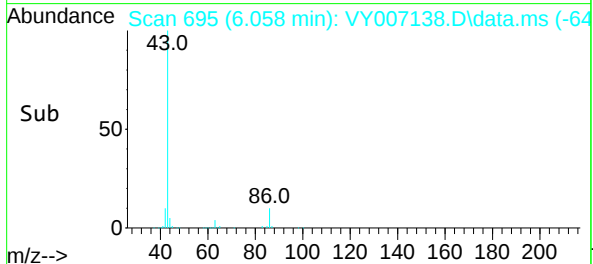
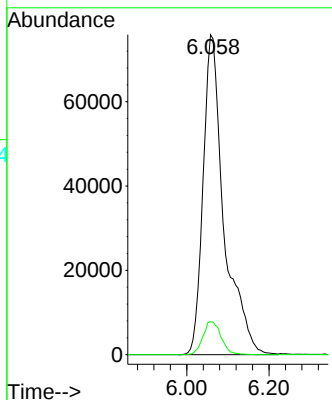
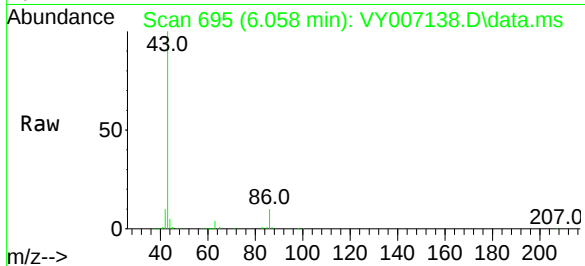




#23  
 Vinyl Acetate  
 Concen: 93.405 ug/l  
 RT: 6.058 min Scan# 695  
 Delta R.T. -0.006 min  
 Lab File: VY007138.D  
 Acq: 13 Jan 2022 12:23

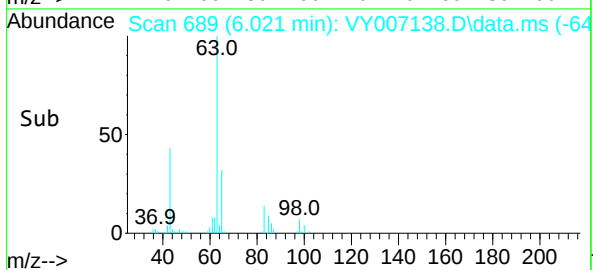
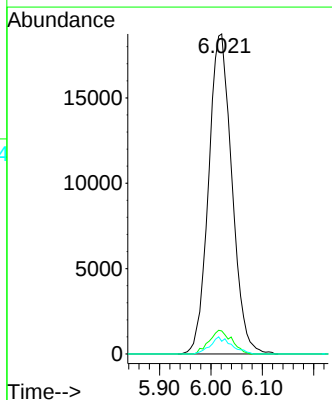
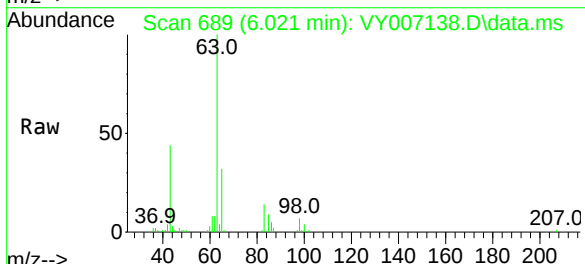
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC020

Tgt Ion: 43 Resp: 267719  
 Ion Ratio Lower Upper  
 43 100  
 86 10.3 9.0 13.6



#24  
 1,1-Dichloroethane  
 Concen: 19.649 ug/l  
 RT: 6.021 min Scan# 689  
 Delta R.T. 0.000 min  
 Lab File: VY007138.D  
 Acq: 13 Jan 2022 12:23

Tgt Ion: 63 Resp: 59030  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.5 10.6  
 100 4.0 2.1 6.2





#25

2-Butanone

Concen: 98.618 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA\_Y

ClientSampleId :

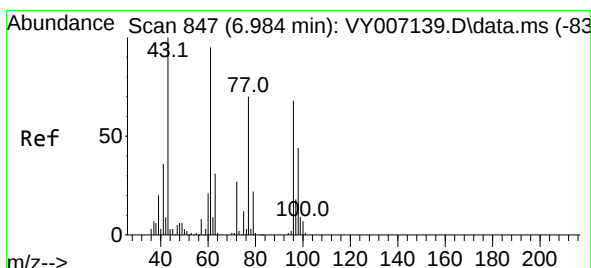
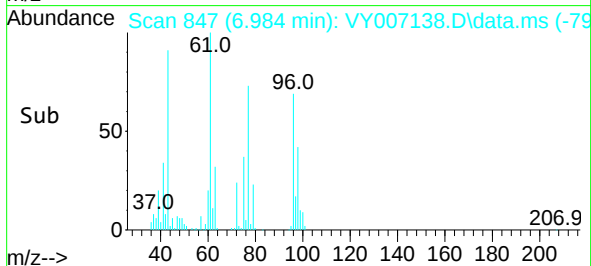
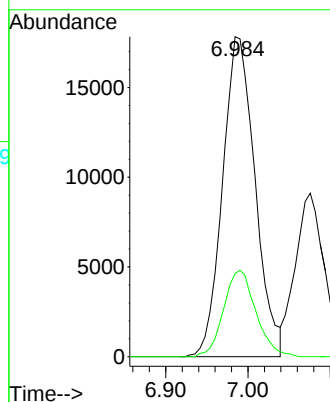
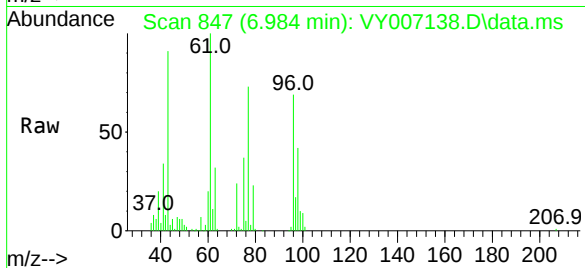
VSTDICC020

Tgt Ion: 43 Resp: 49057

Ion Ratio Lower Upper

43 100

72 25.9 21.9 32.9



#26

2,2-Dichloropropane

Concen: 18.883 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY007138.D

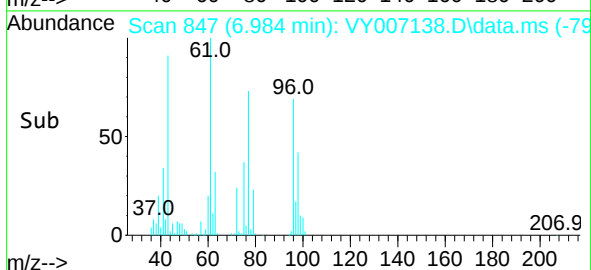
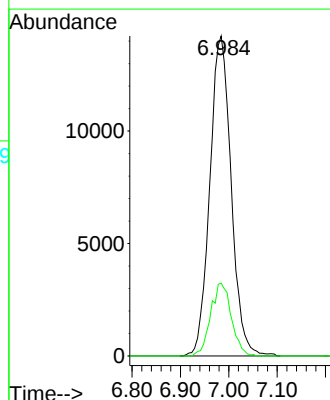
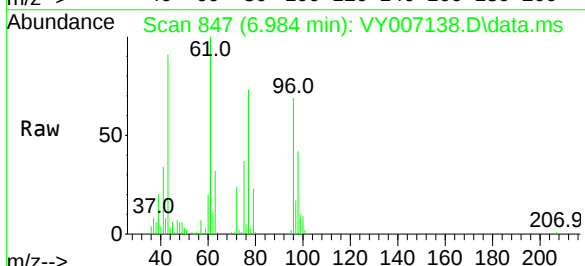
Acq: 13 Jan 2022 12:23

Tgt Ion: 77 Resp: 43584

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 18.980 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

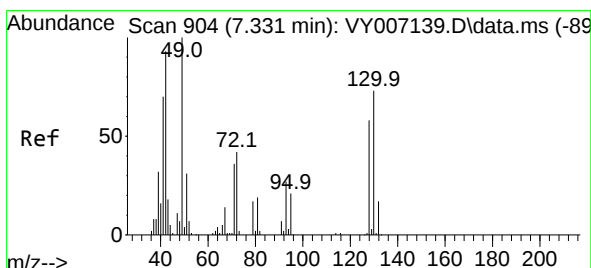
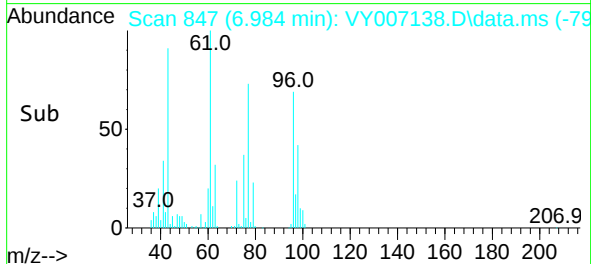
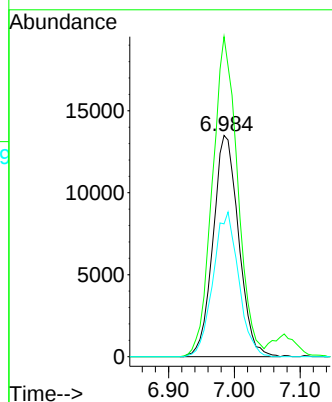
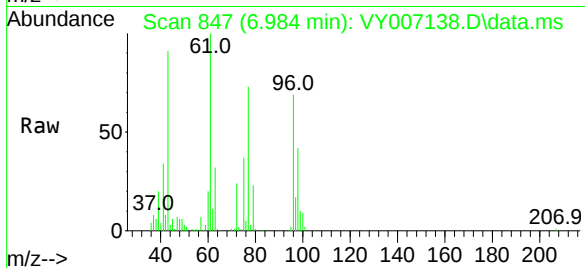
Tgt Ion: 96 Resp: 36520

Ion Ratio Lower Upper

96 100

61 143.1 0.0 276.8

98 65.3 0.0 127.8



#28

Bromochloromethane

Concen: 17.503 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

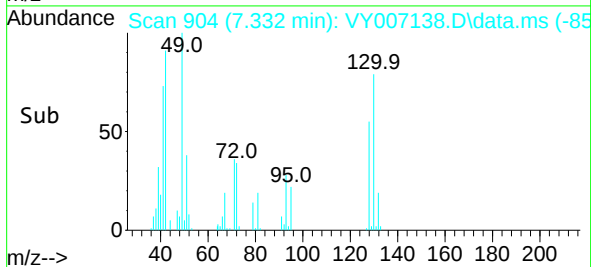
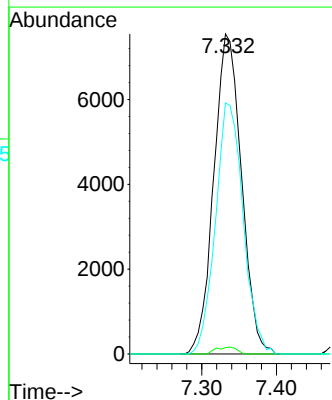
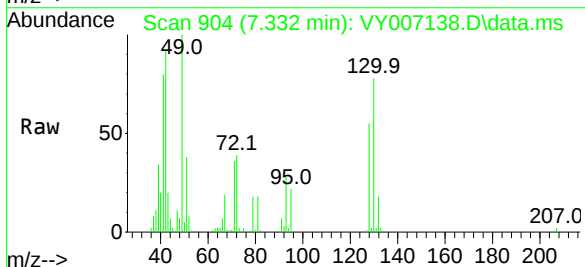
Tgt Ion: 49 Resp: 19442

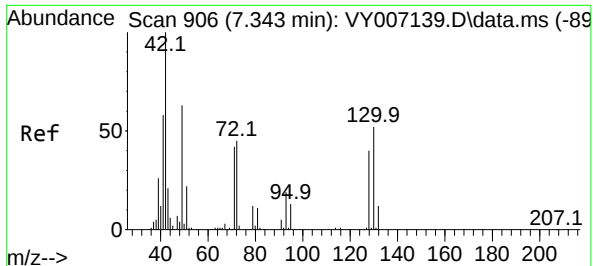
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.6

130 78.3 65.0 97.4





#29

Tetrahydrofuran

Concen: 92.047 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.007 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

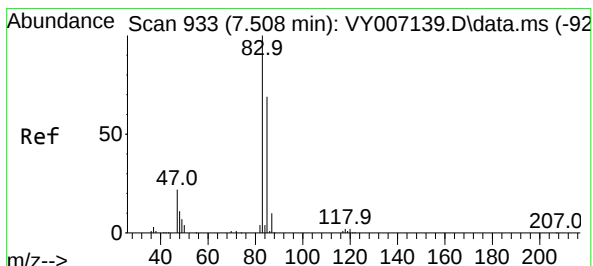
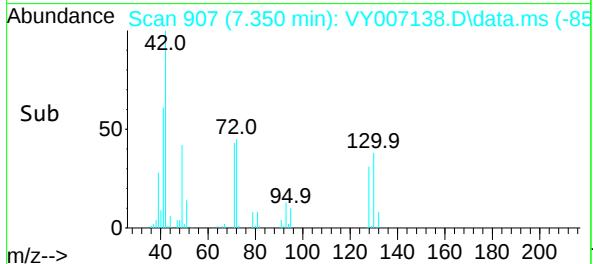
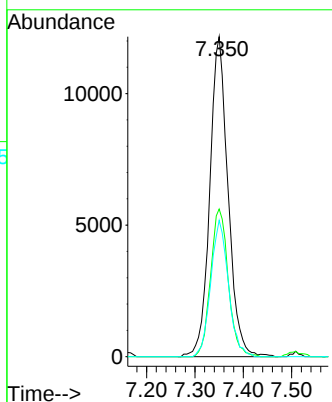
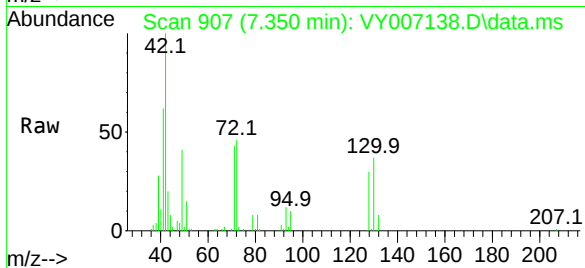
Tgt Ion: 42 Resp: 31937

Ion Ratio Lower Upper

42 100

72 44.7 36.6 54.8

71 41.2 34.1 51.1



#30

Chloroform

Concen: 19.357 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY007138.D

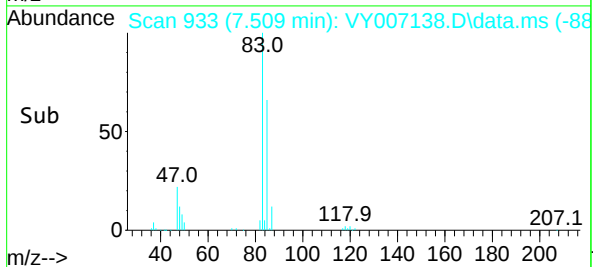
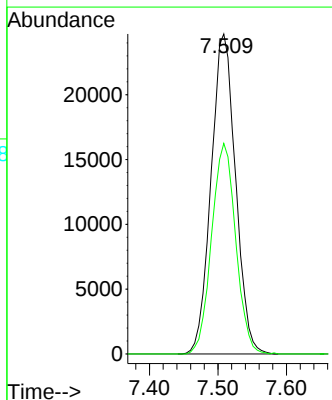
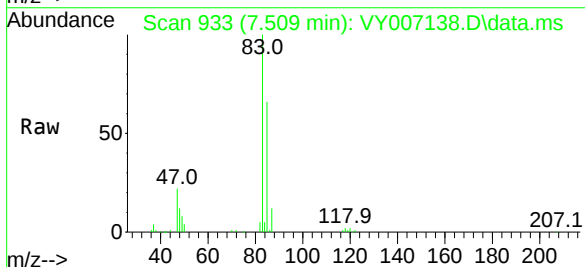
Acq: 13 Jan 2022 12:23

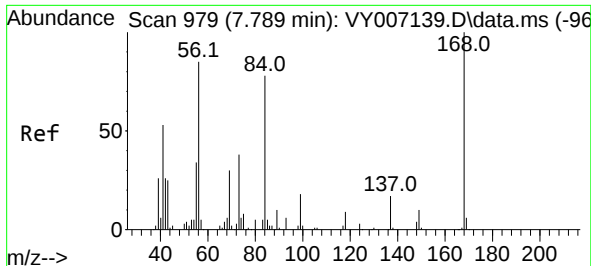
Tgt Ion: 83 Resp: 61136

Ion Ratio Lower Upper

83 100

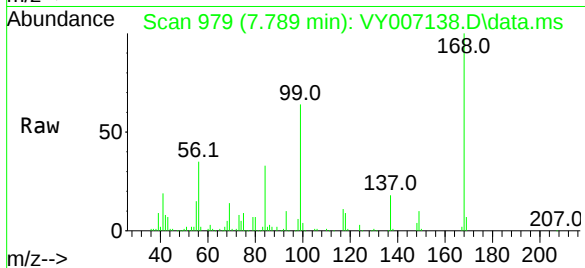
85 65.8 50.9 76.3



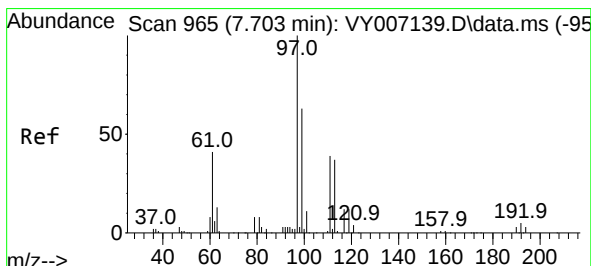
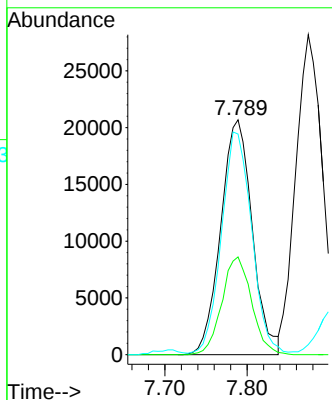
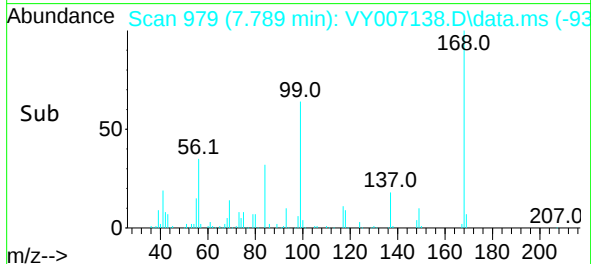


#31  
Cyclohexane  
Concen: 19.387 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

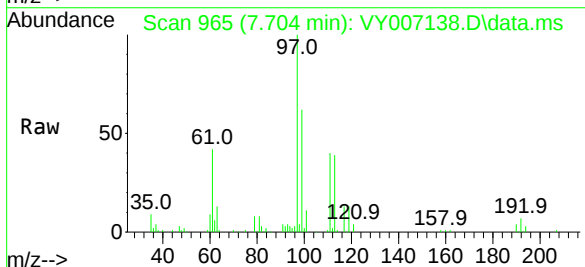
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC020



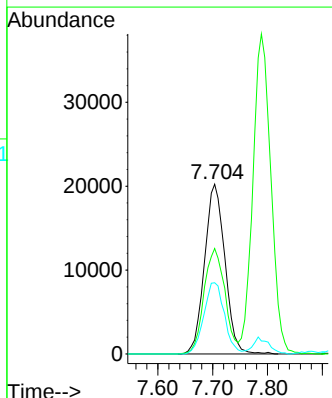
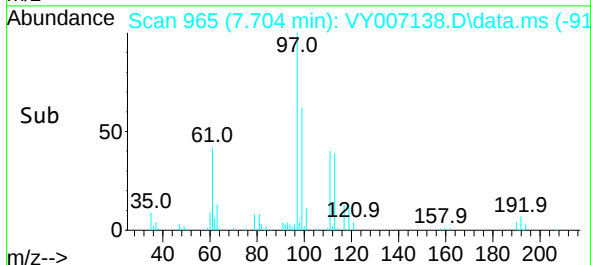
Tgt Ion: 56 Resp: 55226  
Ion Ratio Lower Upper  
56 100  
69 41.6 27.2 40.8#  
84 92.7 72.1 108.1

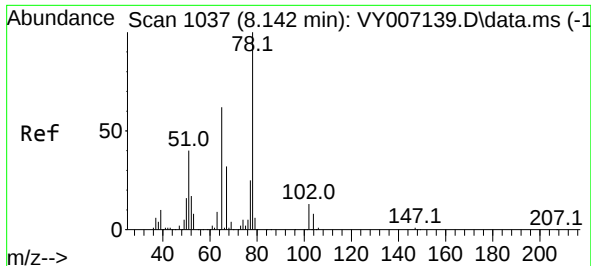


#32  
1,1,1-Trichloroethane  
Concen: 19.071 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23



Tgt Ion: 97 Resp: 52214  
Ion Ratio Lower Upper  
97 100  
99 64.0 51.1 76.7  
61 42.2 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 20.137 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA\_Y

ClientSampleId :

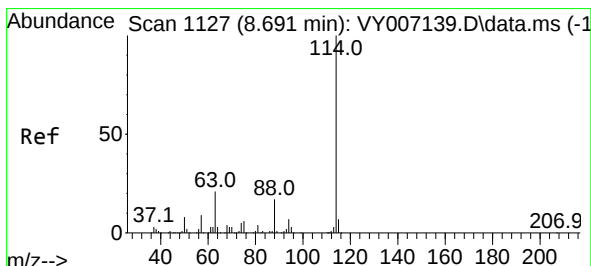
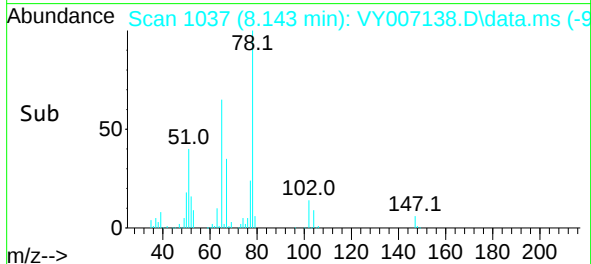
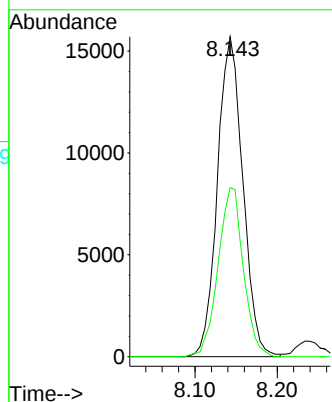
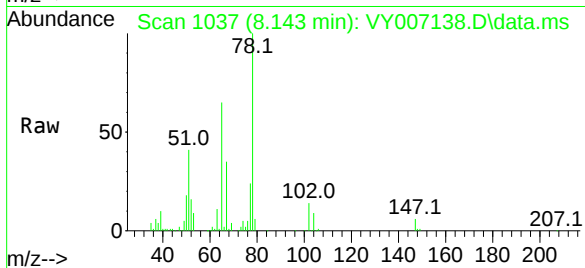
VSTDICC020

Tgt Ion: 65 Resp: 33693

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

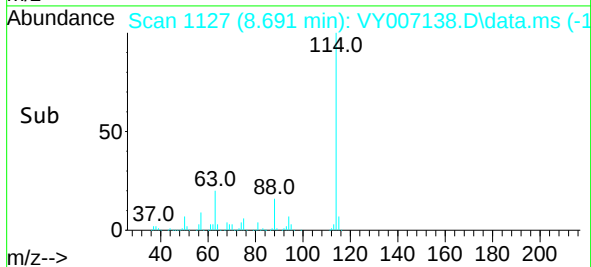
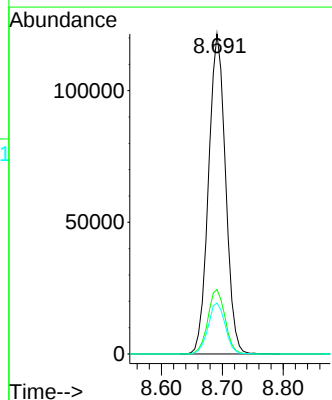
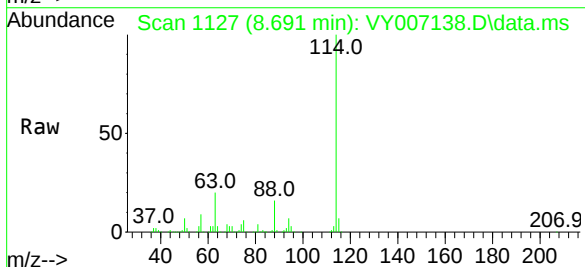
Tgt Ion: 114 Resp: 235365

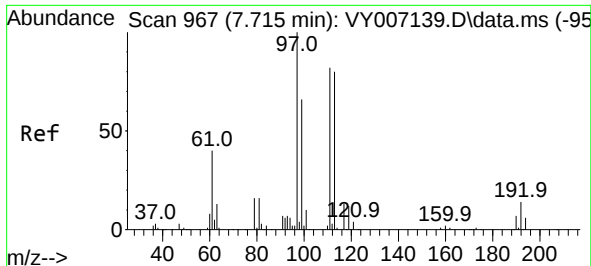
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.2

88 15.9 0.0 31.0

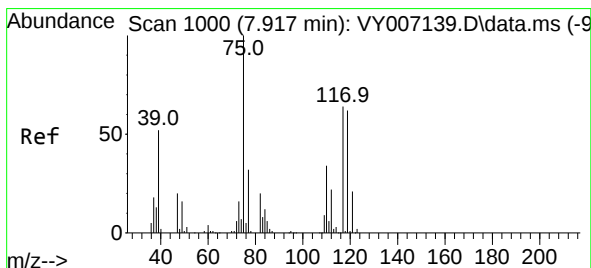
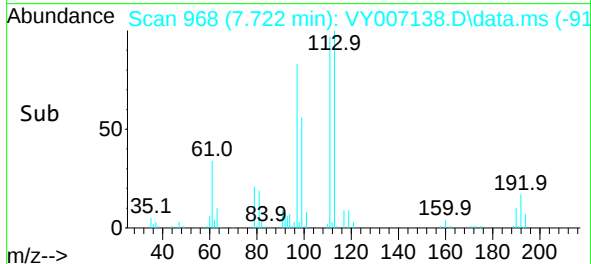
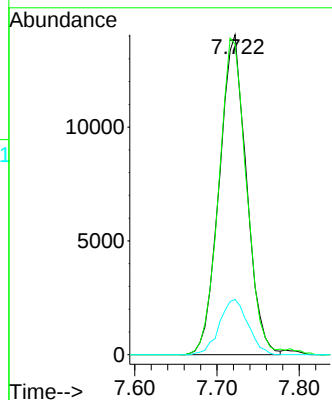
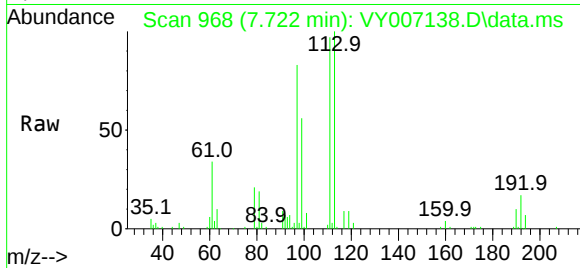




#35  
Dibromofluoromethane  
Concen: 20.404 ug/l  
RT: 7.722 min Scan# 91  
Delta R.T. 0.007 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

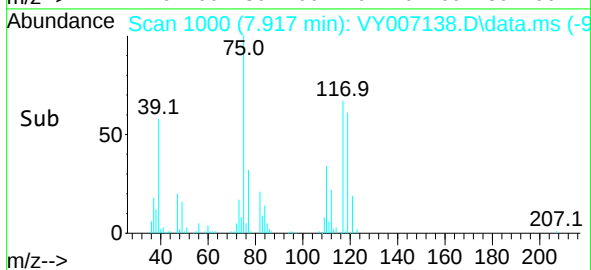
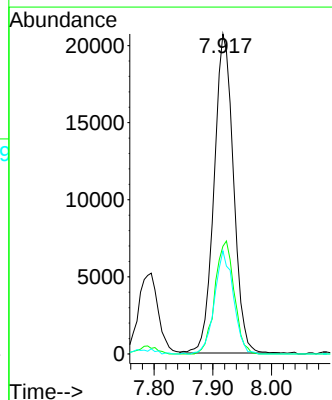
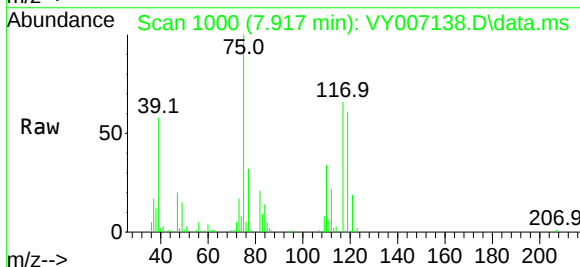
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

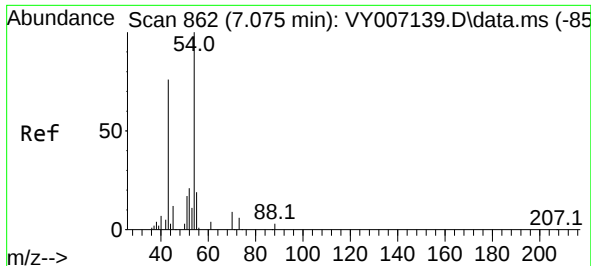
Tgt Ion:113 Resp: 32348  
Ion Ratio Lower Upper  
113 100  
111 101.2 82.2 123.4  
192 18.1 14.2 21.4



#36  
1,1-Dichloropropene  
Concen: 19.095 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

Tgt Ion: 75 Resp: 47465  
Ion Ratio Lower Upper  
75 100  
110 35.1 17.3 51.9  
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 18.494 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

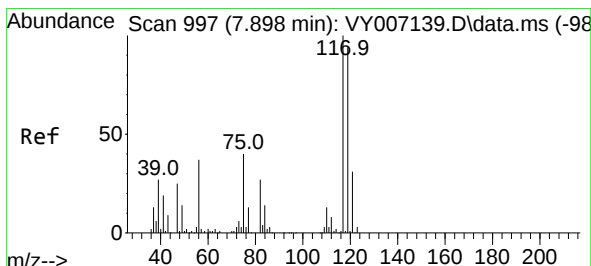
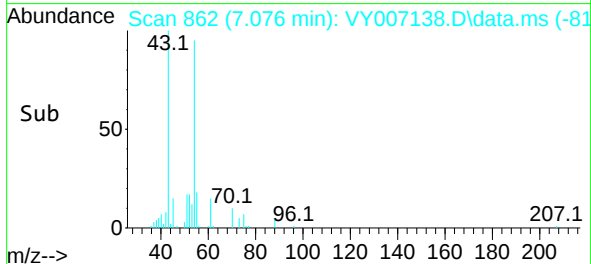
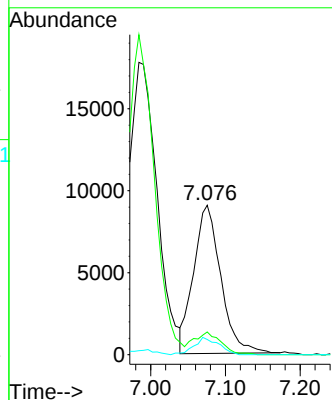
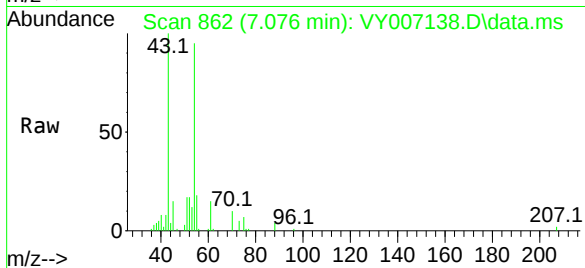
Tgt Ion: 43 Resp: 22831

Ion Ratio Lower Upper

43 100

61 15.4 11.8 17.8

70 10.5 9.0 13.4



#38

Carbon Tetrachloride

Concen: 19.622 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

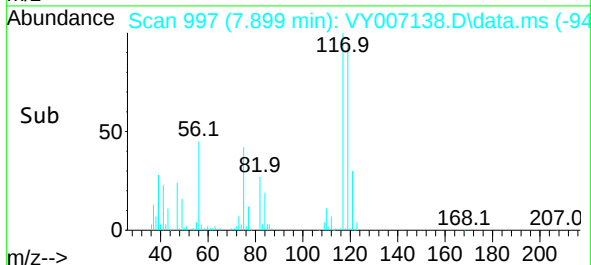
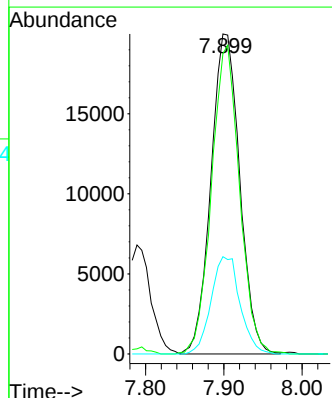
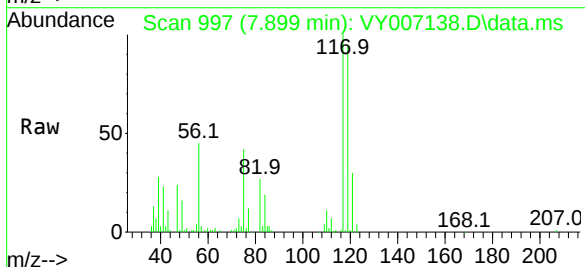
Tgt Ion: 117 Resp: 51174

Ion Ratio Lower Upper

117 100

119 93.4 77.2 115.8

121 30.4 24.2 36.2

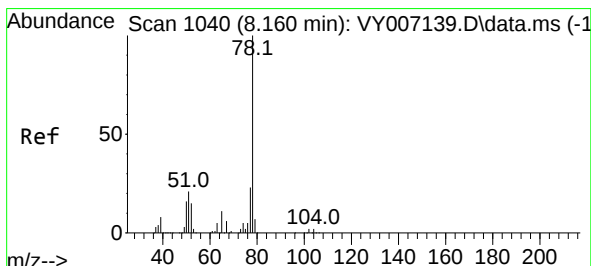
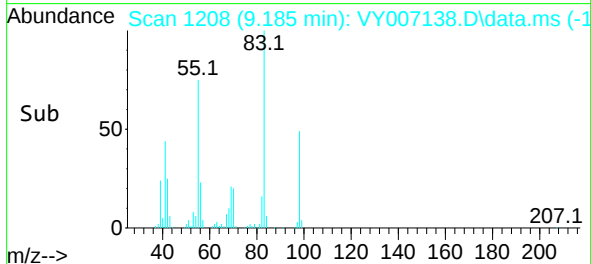
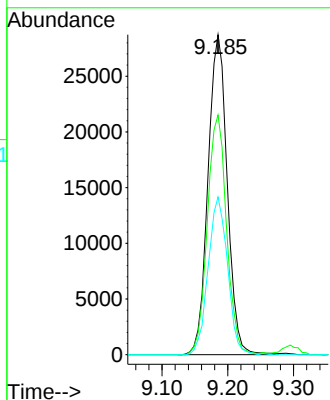
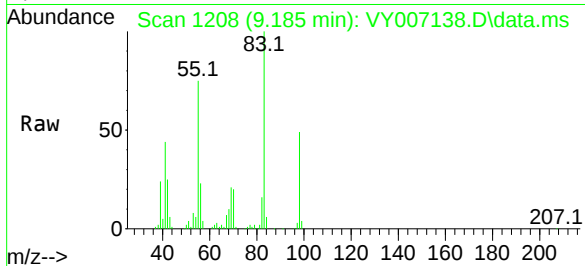




#39  
Methylcyclohexane  
Concen: 18.853 ug/l  
RT: 9.185 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

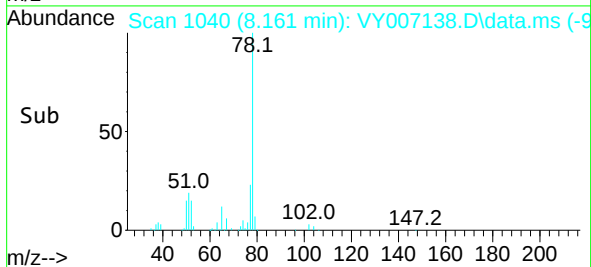
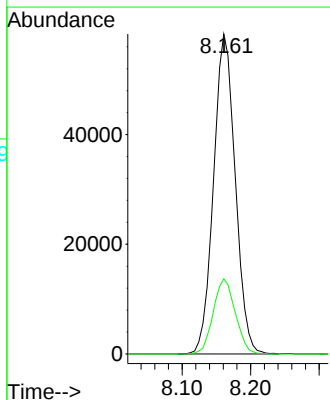
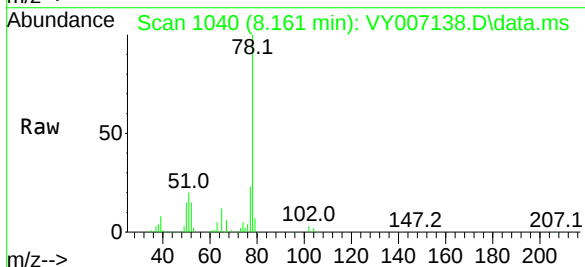
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC020

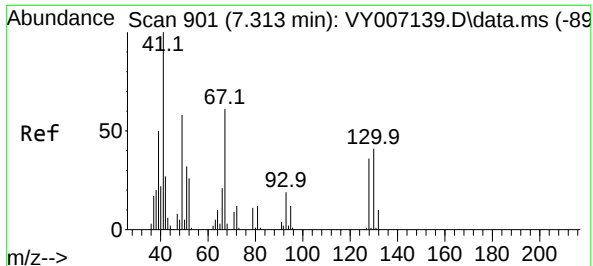
Tgt Ion: 83 Resp: 58497  
Ion Ratio Lower Upper  
83 100  
55 74.9 58.8 88.2  
98 49.3 38.7 58.1



#40  
Benzene  
Concen: 19.073 ug/l  
RT: 8.161 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

Tgt Ion: 78 Resp: 128031  
Ion Ratio Lower Upper  
78 100  
77 23.5 18.6 27.8

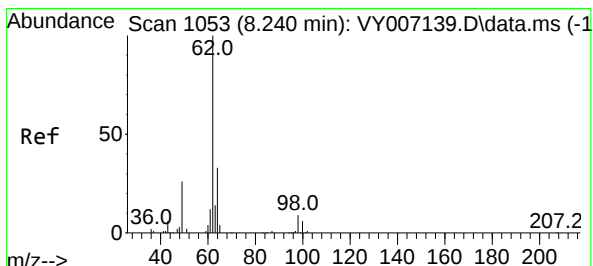
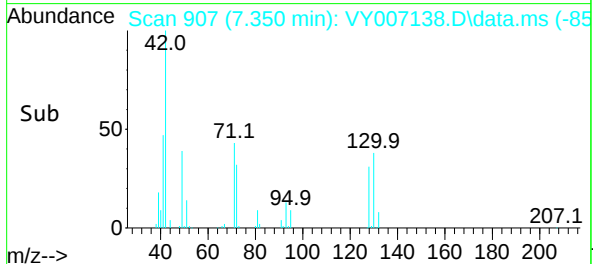
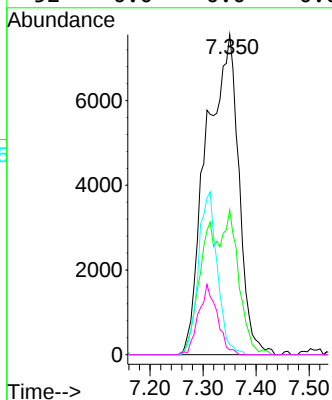
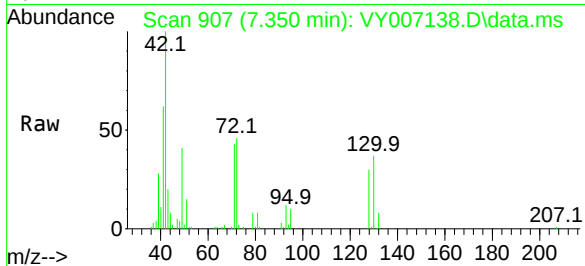




#41  
Methacrylonitrile  
Concen: 45.950 ug/l  
RT: 7.350 min Scan# 901  
Delta R.T. 0.037 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

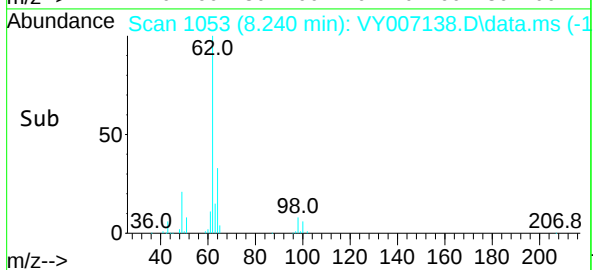
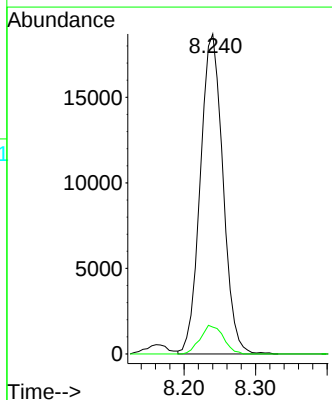
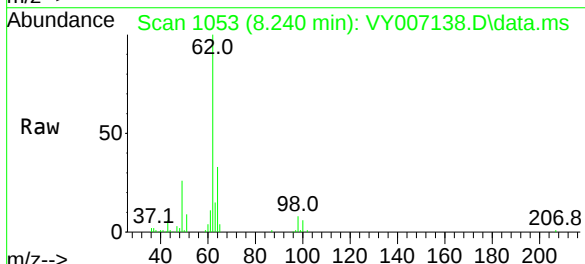
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

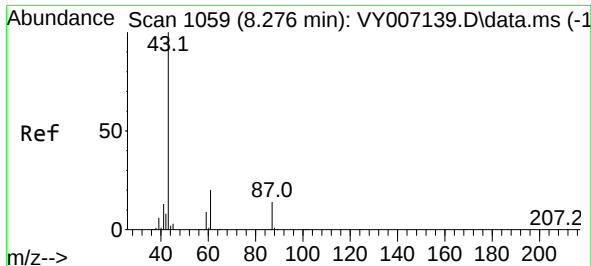
Tgt Ion: 41 Resp: 32048  
Ion Ratio Lower Upper  
41 100  
39 0.0 0.0 0.0  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 19.896 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

Tgt Ion: 62 Resp: 41019  
Ion Ratio Lower Upper  
62 100  
98 9.1 0.0 19.2

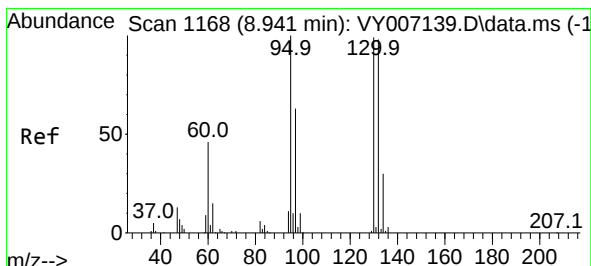
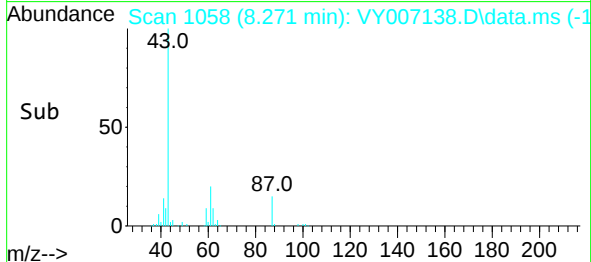
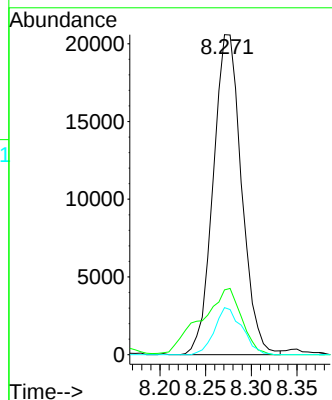
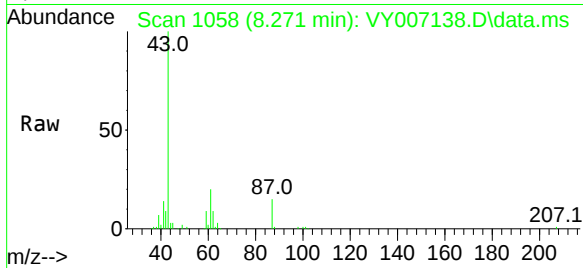




#43  
Isopropyl Acetate  
Concen: 18.570 ug/l  
RT: 8.271 min Scan# 1058  
Delta R.T. -0.006 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

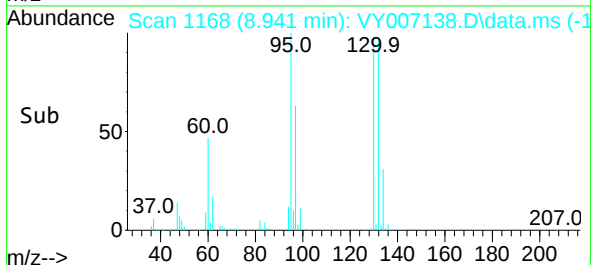
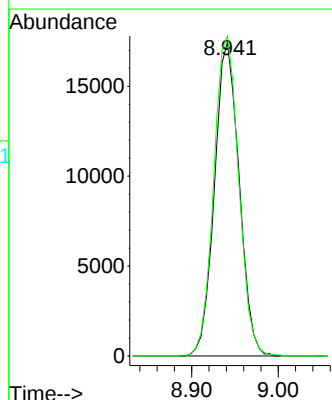
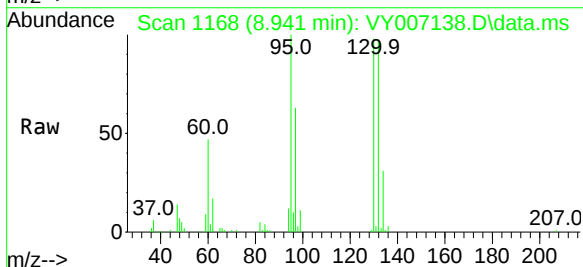
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

Tgt Ion: 43 Resp: 44451  
Ion Ratio Lower Upper  
43 100  
61 29.8 23.8 35.8  
87 14.3 11.6 17.4



#44  
Trichloroethene  
Concen: 18.537 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

Tgt Ion: 130 Resp: 34403  
Ion Ratio Lower Upper  
130 100  
95 102.0 0.0 196.6





#45

1,2-Dichloropropane

Concen: 19.449 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA\_Y

ClientSampleId :

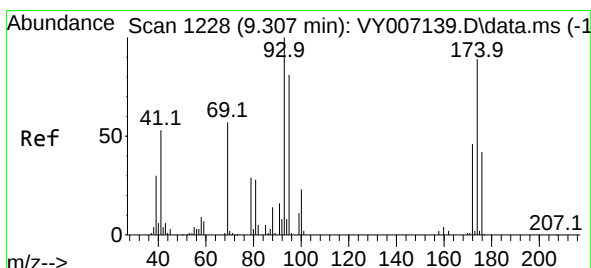
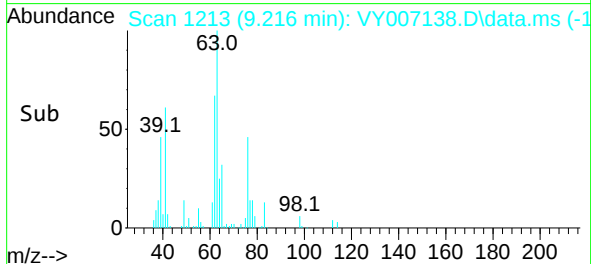
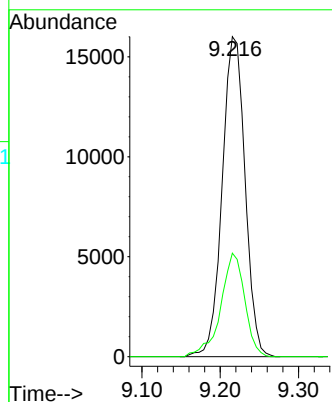
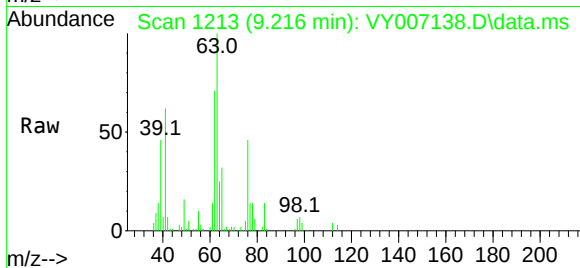
VSTDIC020

Tgt Ion: 63 Resp: 32484

Ion Ratio Lower Upper

63 100

65 32.4 26.9 40.3



#46

Dibromomethane

Concen: 18.507 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

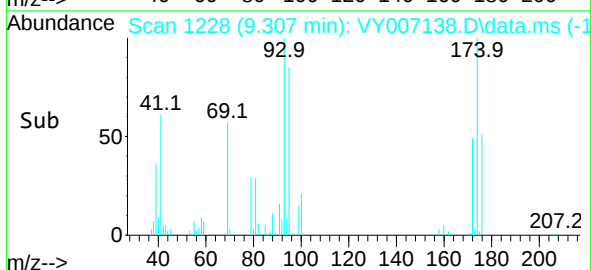
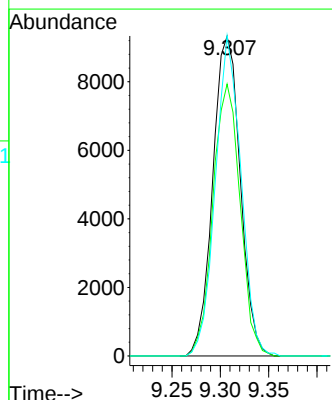
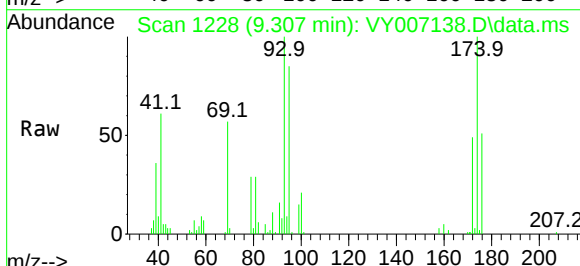
Tgt Ion: 93 Resp: 18400

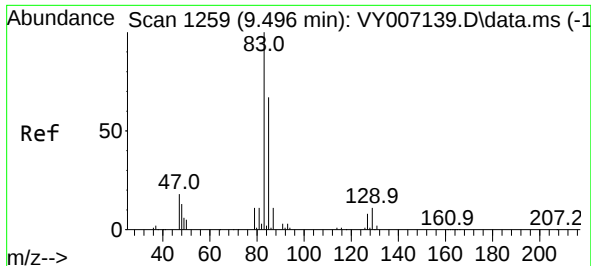
Ion Ratio Lower Upper

93 100

95 84.0 65.8 98.6

174 93.2 75.4 113.0

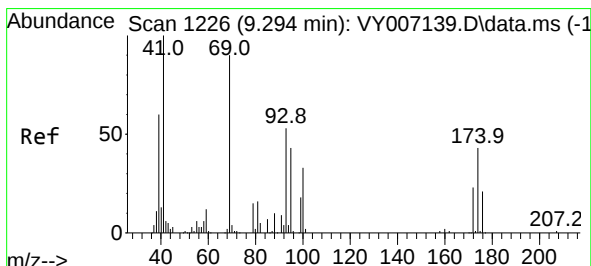
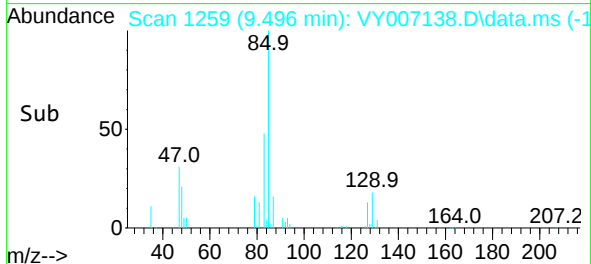
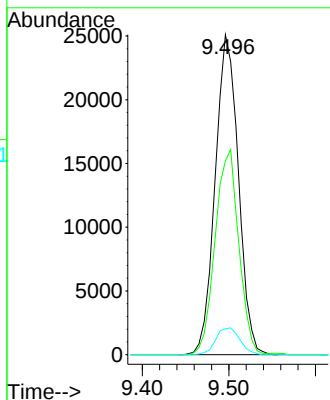
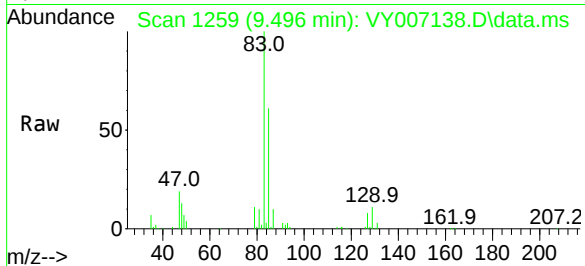




#47  
Bromodichloromethane  
Concen: 18.796 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

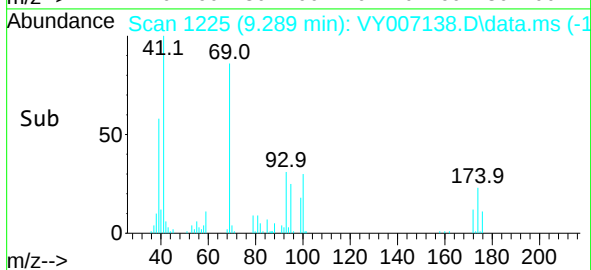
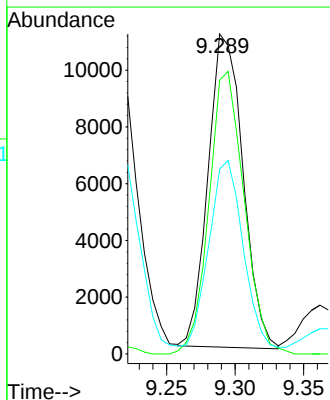
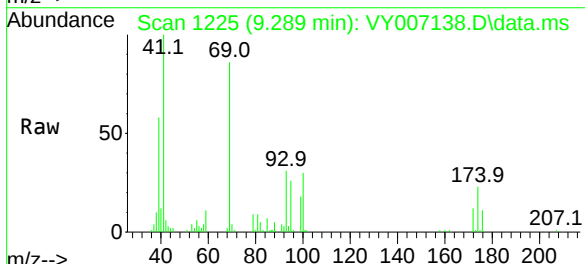
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

Tgt Ion: 83 Resp: 46670  
Ion Ratio Lower Upper  
83 100  
85 60.5 51.4 77.2  
127 8.1 6.5 9.7



#48  
Methyl methacrylate  
Concen: 18.250 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. -0.006 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

Tgt Ion: 41 Resp: 19540  
Ion Ratio Lower Upper  
41 100  
69 90.9 70.5 105.7  
39 58.7 43.8 65.8





#49

1,4-Dioxane

Concen: 365.203 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.013 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

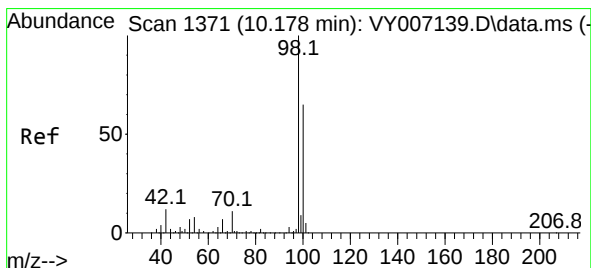
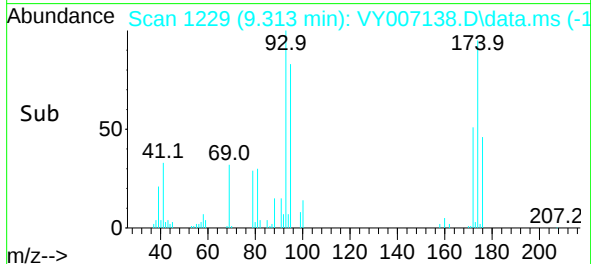
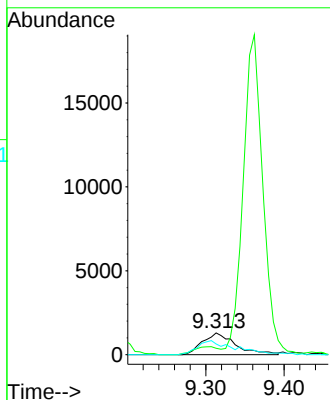
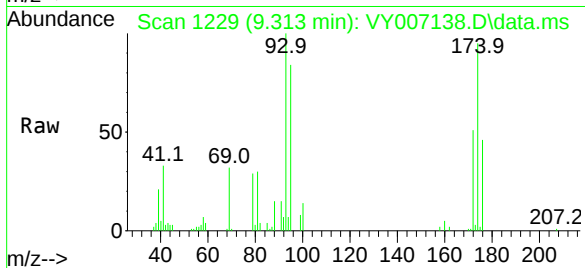
Tgt Ion: 88 Resp: 3792

Ion Ratio Lower Upper

88 100

43 28.0 22.0 33.0

58 75.9 58.6 87.8



#50

Toluene-d8

Concen: 20.336 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY007138.D

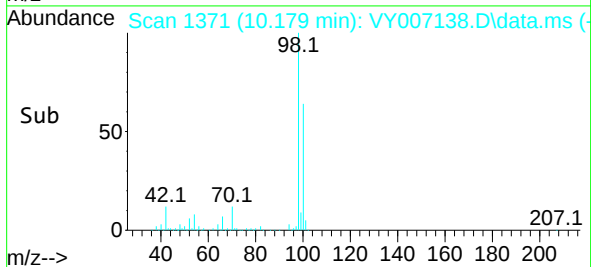
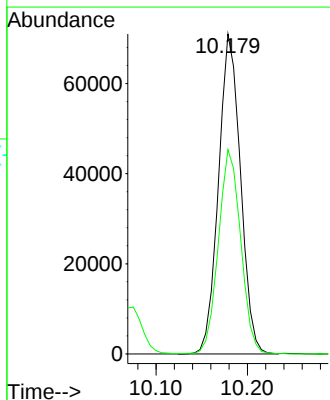
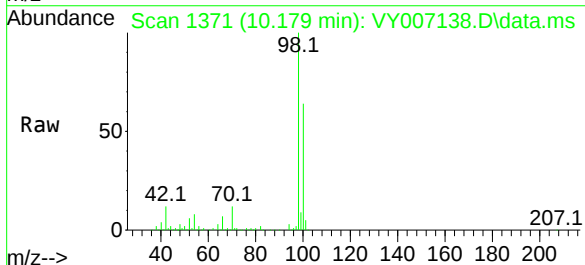
Acq: 13 Jan 2022 12:23

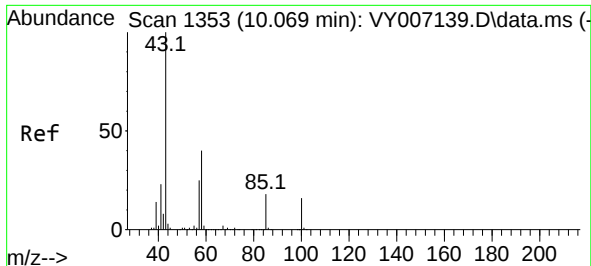
Tgt Ion: 98 Resp: 118874

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2

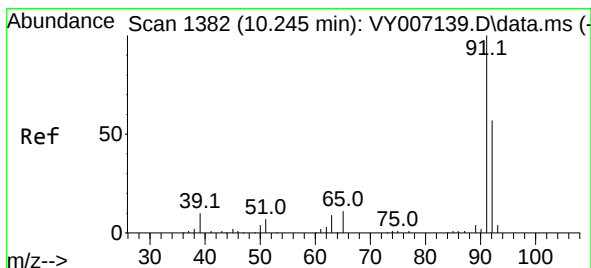
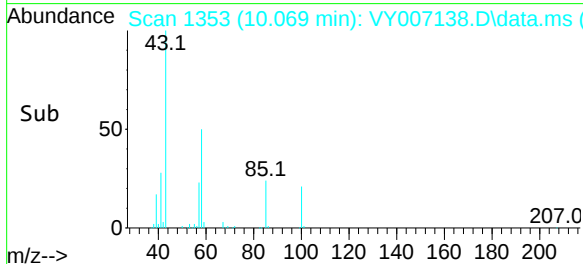
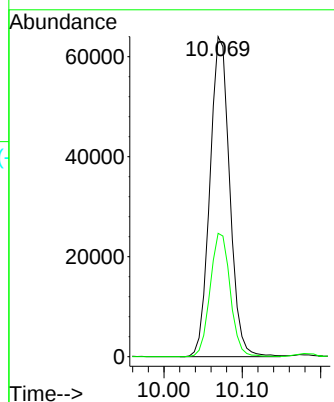
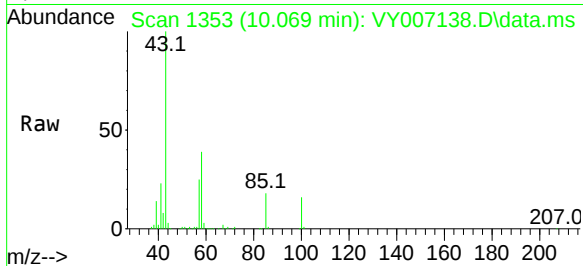




#51  
4-Methyl-2-Pentanone  
Concen: 95.144 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

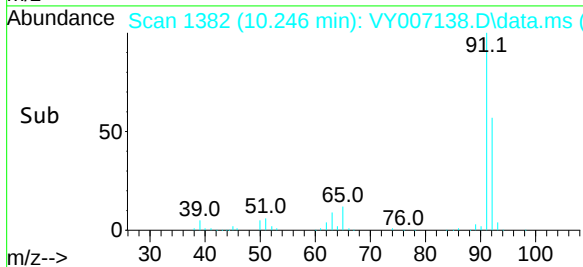
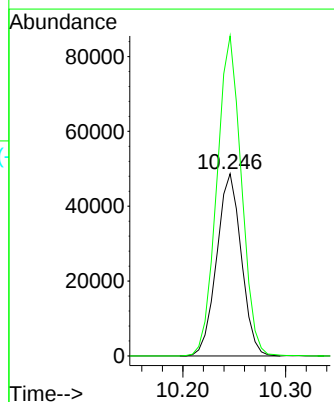
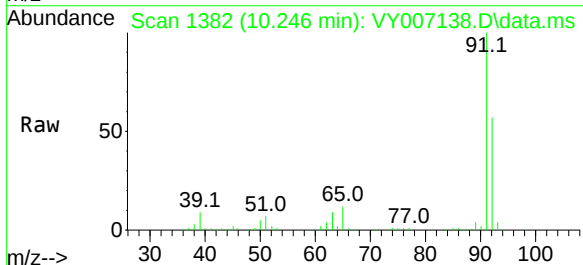
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

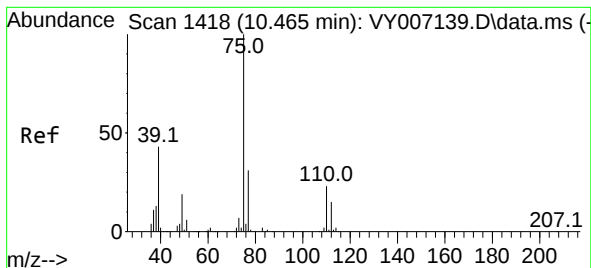
Tgt Ion: 43 Resp: 112483  
Ion Ratio Lower Upper  
43 100  
58 39.0 32.8 49.2



#52  
Toluene  
Concen: 18.854 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

Tgt Ion: 92 Resp: 80837  
Ion Ratio Lower Upper  
92 100  
91 175.4 138.6 207.8

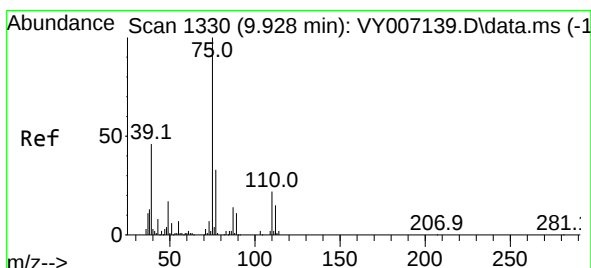
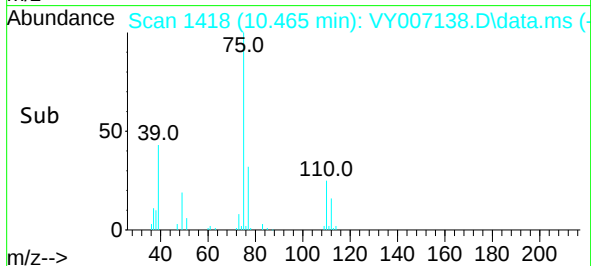
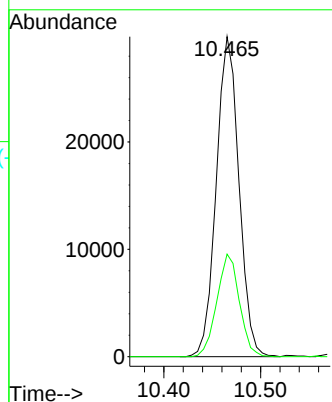
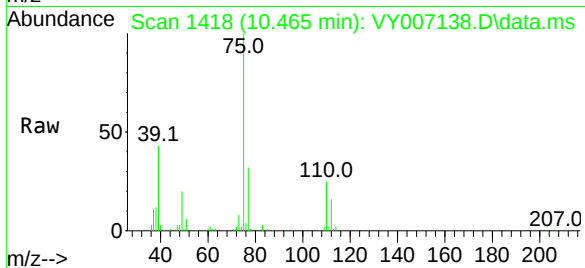




#53  
t-1,3-Dichloropropene  
Concen: 18.631 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

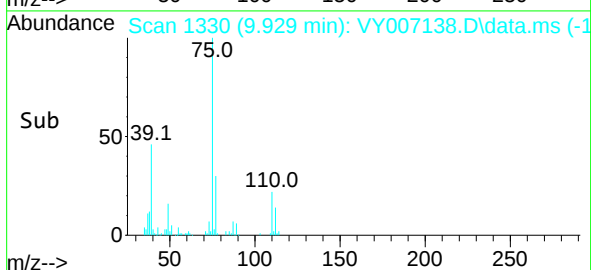
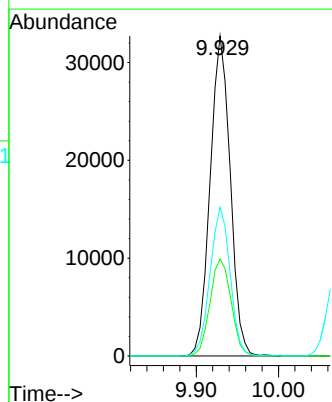
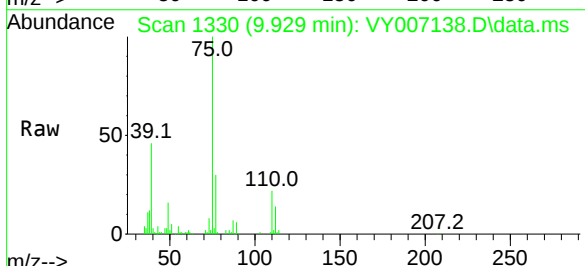
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

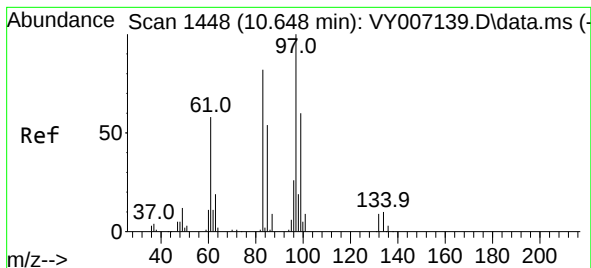
Tgt Ion: 75 Resp: 48436  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.7 38.5



#54  
cis-1,3-Dichloropropene  
Concen: 18.963 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

Tgt Ion: 75 Resp: 55513  
Ion Ratio Lower Upper  
75 100  
77 30.3 25.7 38.5  
39 46.5 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 19.403 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 26235

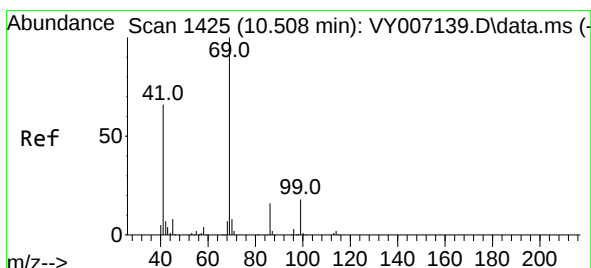
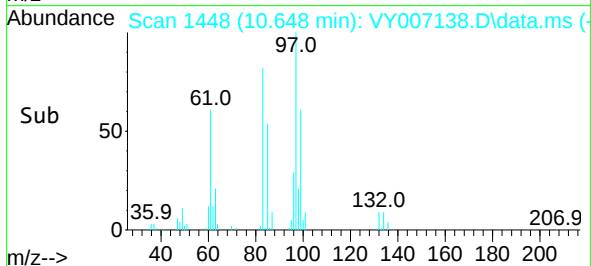
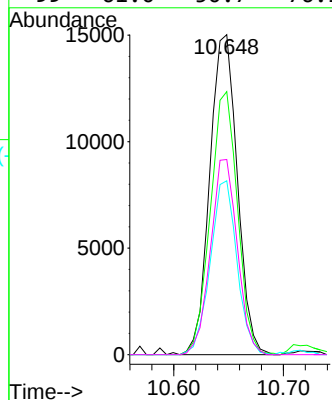
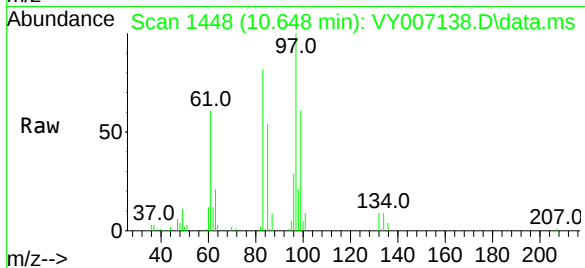
Ion Ratio Lower Upper

97 100

83 82.2 67.0 100.4

85 54.3 41.2 61.8

99 61.0 50.7 76.1



#56

Ethyl methacrylate

Concen: 18.484 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

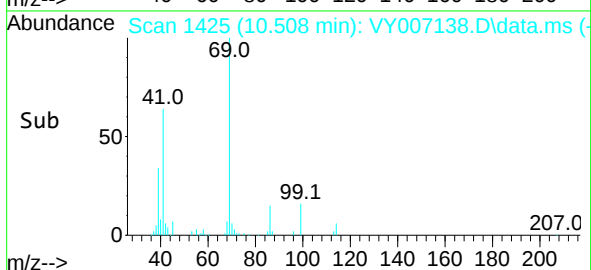
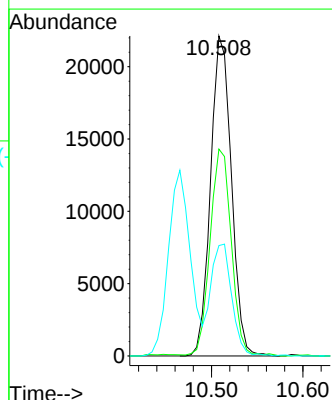
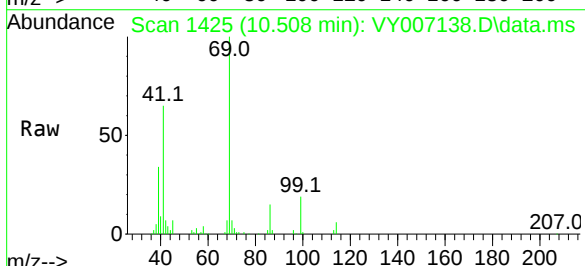
Tgt Ion: 69 Resp: 35027

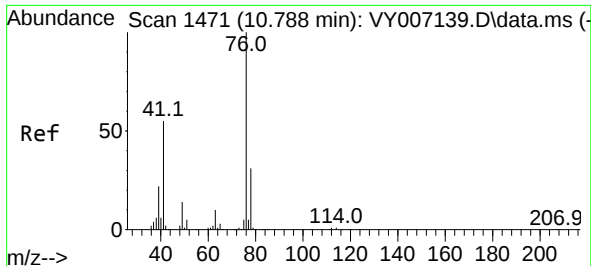
Ion Ratio Lower Upper

69 100

41 66.2 49.4 74.0

39 35.3 27.7 41.5





#57

1,3-Dichloropropane

Concen: 18.638 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.007 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA\_Y

ClientSampleId :

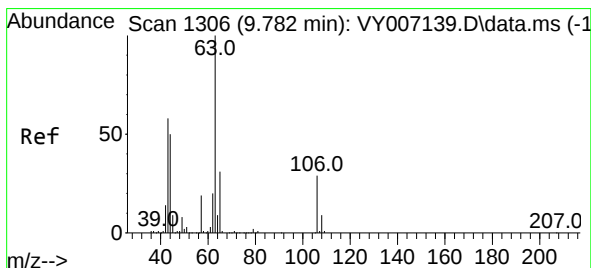
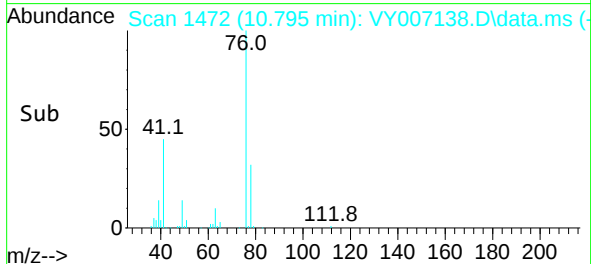
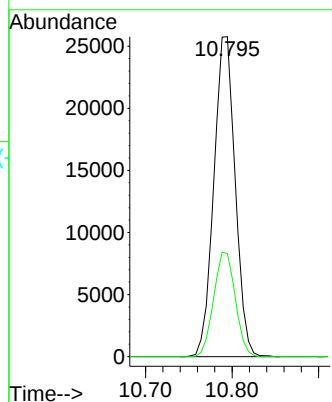
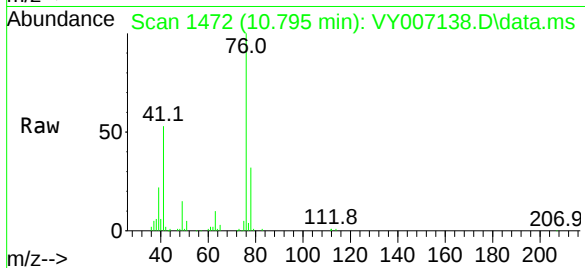
VSTDIC020

Tgt Ion: 76 Resp: 44153

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 90.037 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY007138.D

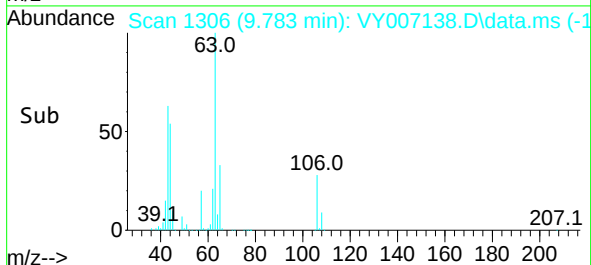
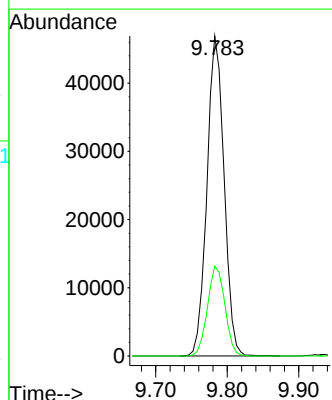
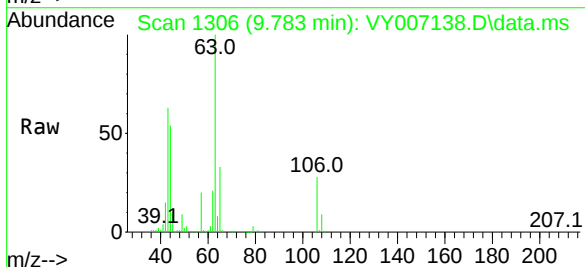
Acq: 13 Jan 2022 12:23

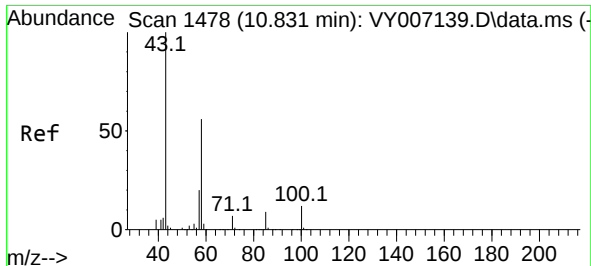
Tgt Ion: 63 Resp: 77895

Ion Ratio Lower Upper

63 100

106 28.5 23.3 34.9

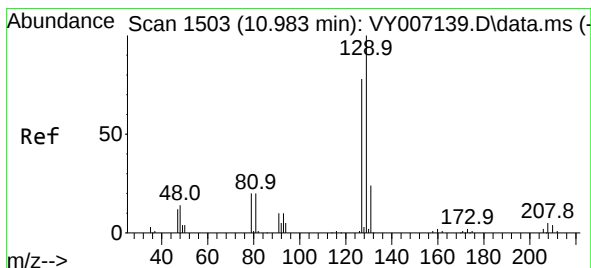
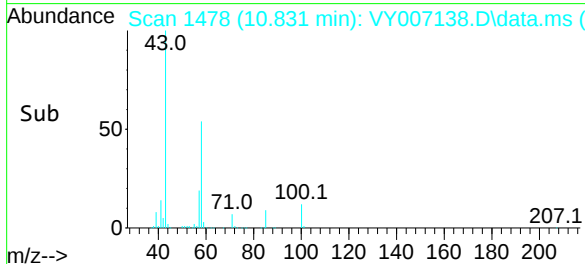
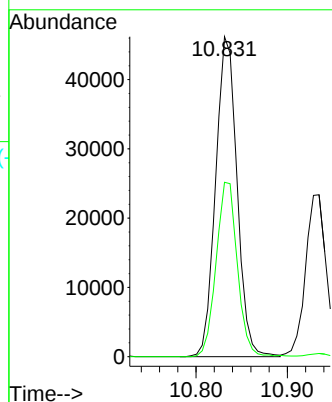
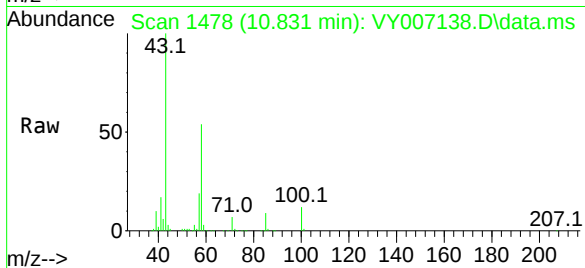




#59  
2-Hexanone  
Concen: 97.449 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

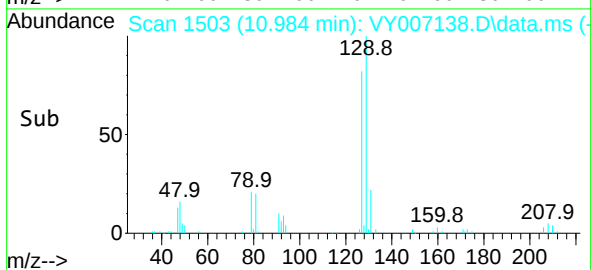
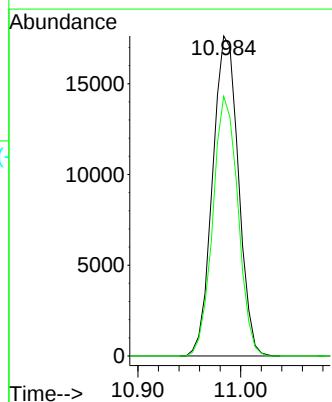
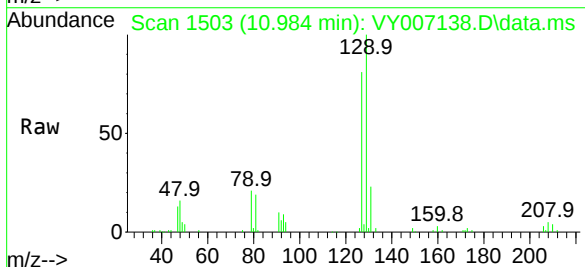
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC020

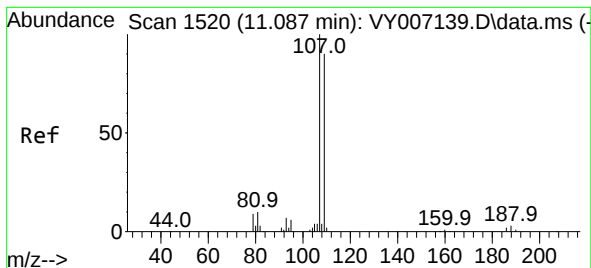
Tgt Ion: 43 Resp: 75238  
Ion Ratio Lower Upper  
43 100  
58 54.2 28.4 85.3



#60  
Dibromochloromethane  
Concen: 18.261 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

Tgt Ion: 129 Resp: 30750  
Ion Ratio Lower Upper  
129 100  
127 78.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 18.265 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA\_Y

ClientSampleId :

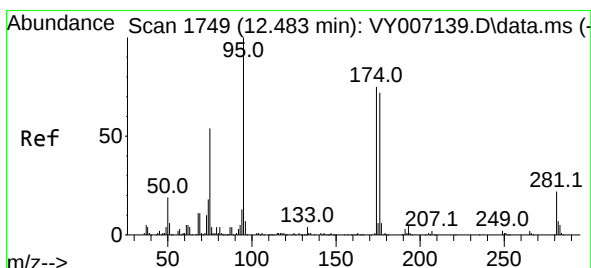
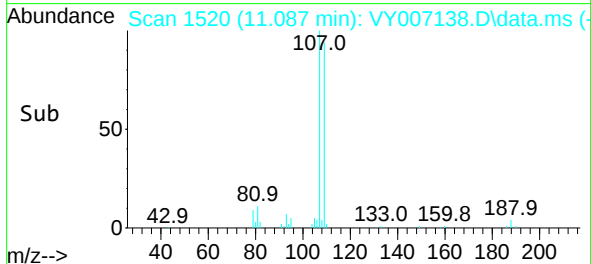
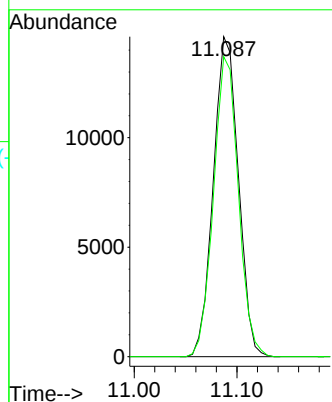
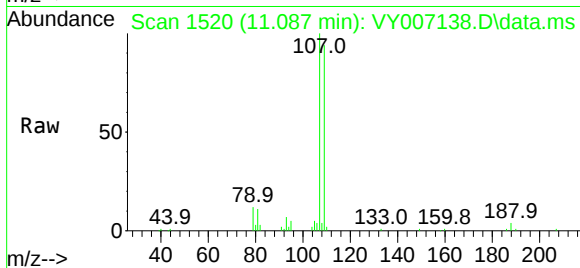
VSTDIC020

Tgt Ion:107 Resp: 24716

Ion Ratio Lower Upper

107 100

109 93.1 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 20.043 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

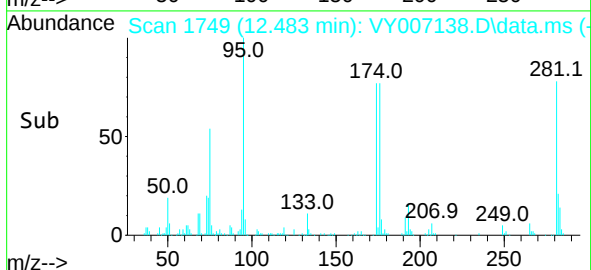
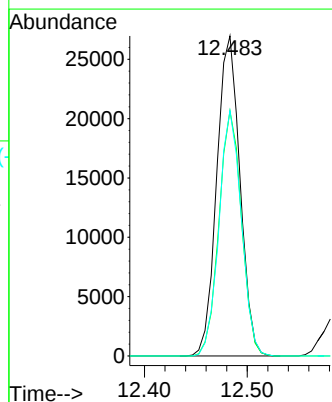
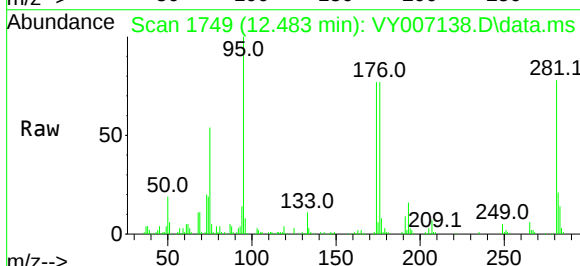
Tgt Ion: 95 Resp: 42172

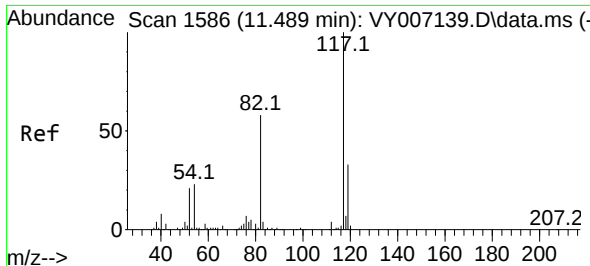
Ion Ratio Lower Upper

95 100

174 74.4 0.0 148.4

176 73.9 0.0 146.6

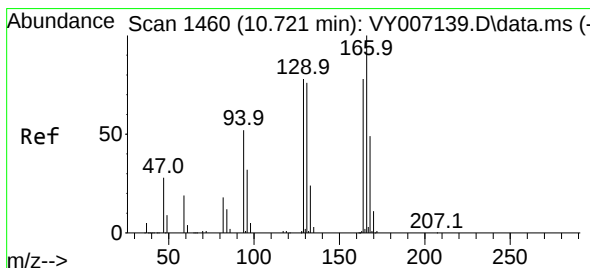
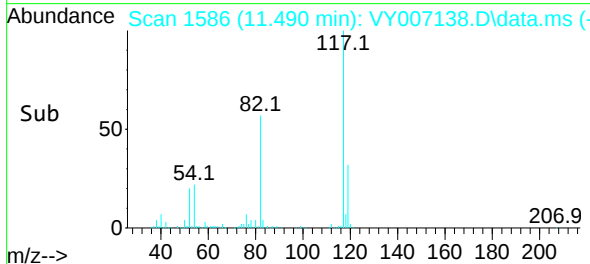
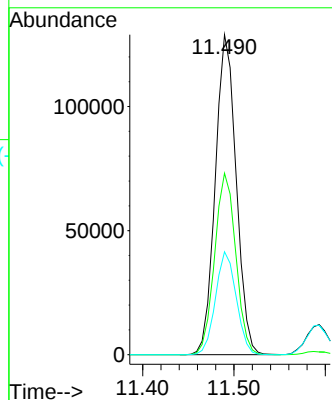
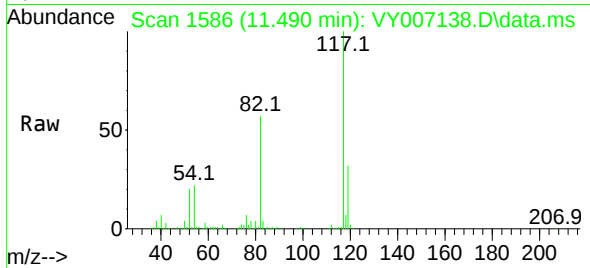




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

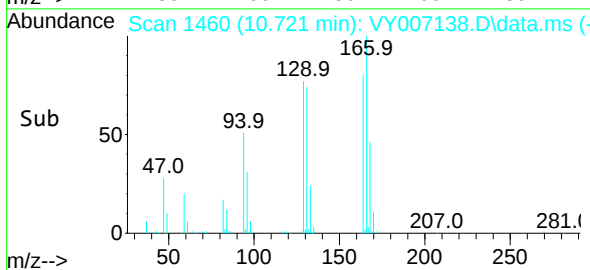
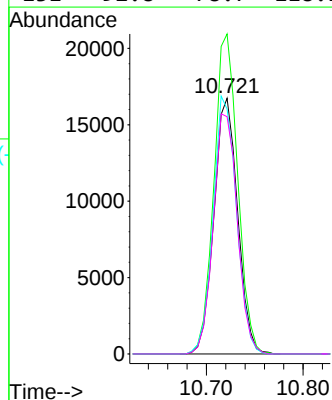
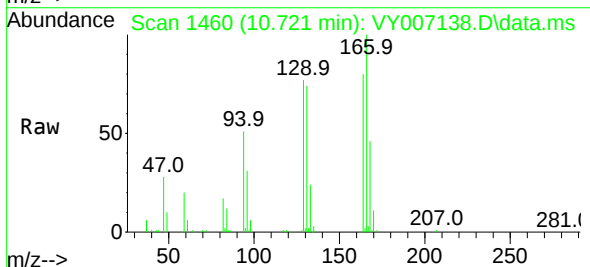
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

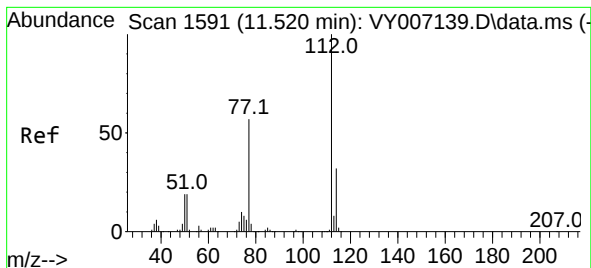
Tgt Ion:117 Resp: 204975  
Ion Ratio Lower Upper  
117 100  
82 56.7 45.4 68.0  
119 32.2 26.4 39.6



#64  
Tetrachloroethene  
Concen: 19.449 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

Tgt Ion:164 Resp: 28405  
Ion Ratio Lower Upper  
164 100  
166 125.1 102.6 154.0  
129 95.8 84.6 127.0  
131 92.8 78.7 118.1





#65

Chlorobenzene

Concen: 19.533 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA\_Y

ClientSampleId :

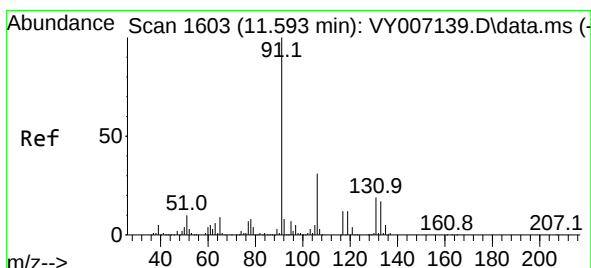
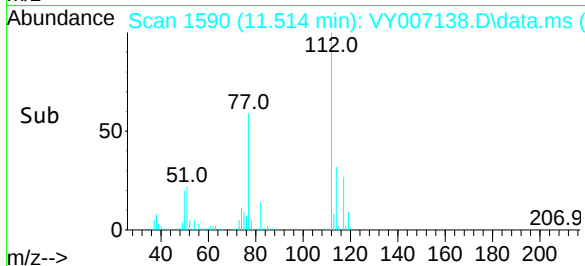
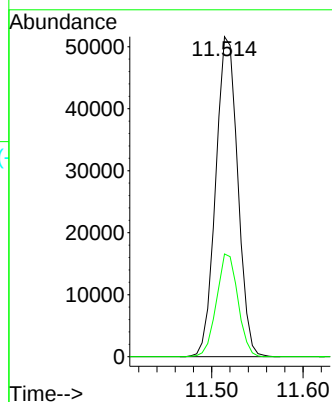
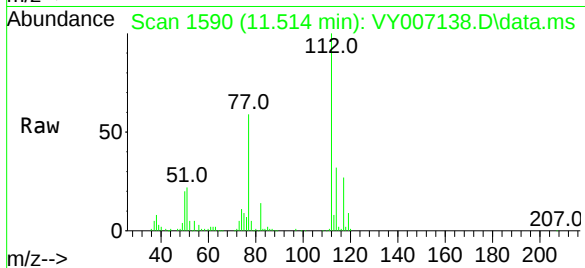
VSTDIC020

Tgt Ion:112 Resp: 86418

Ion Ratio Lower Upper

112 100

114 32.1 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 19.197 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

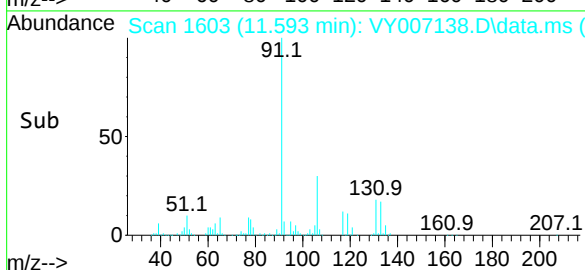
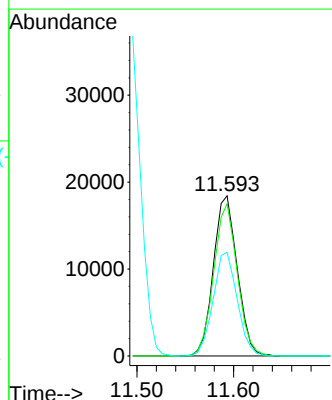
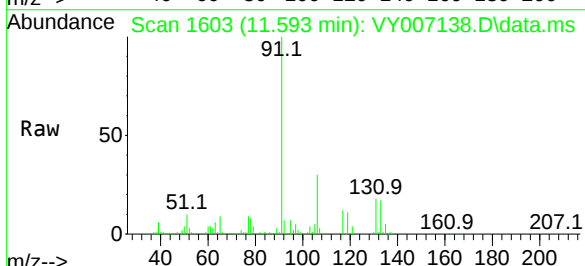
Tgt Ion:131 Resp: 31577

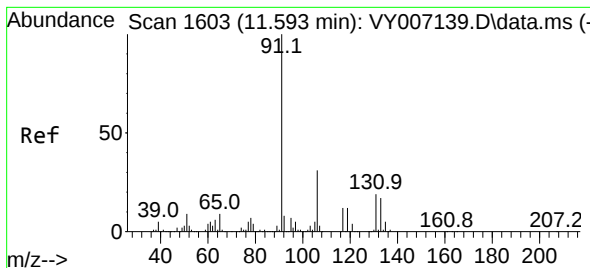
Ion Ratio Lower Upper

131 100

133 94.1 47.5 142.5

119 65.1 32.6 97.7





#67

Ethyl Benzene

Concen: 19.508 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA\_Y

ClientSampleId :

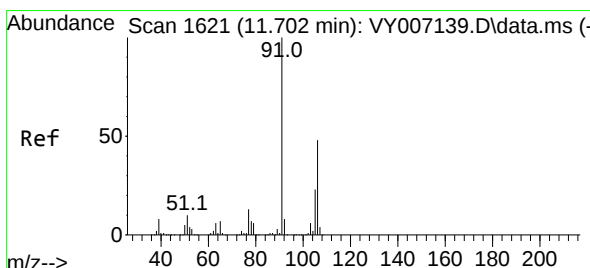
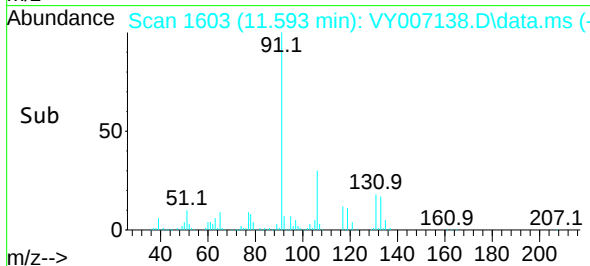
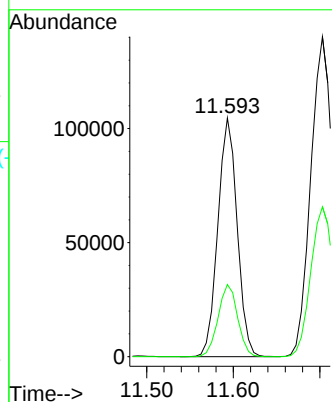
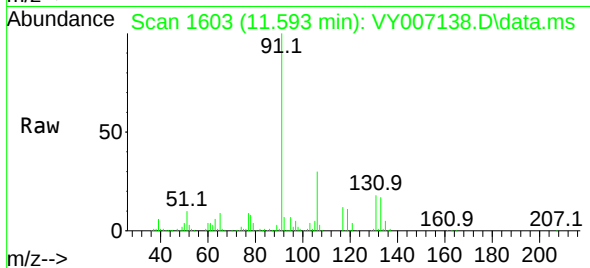
VSTDIC020

Tgt Ion: 91 Resp: 162012

Ion Ratio Lower Upper

91 100

106 30.2 23.9 35.9



#68

m/p-Xylenes

Concen: 38.803 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY007138.D

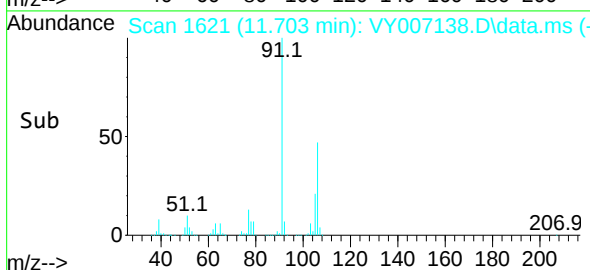
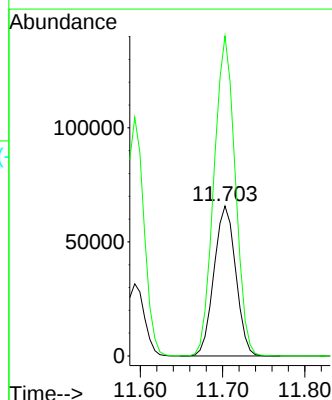
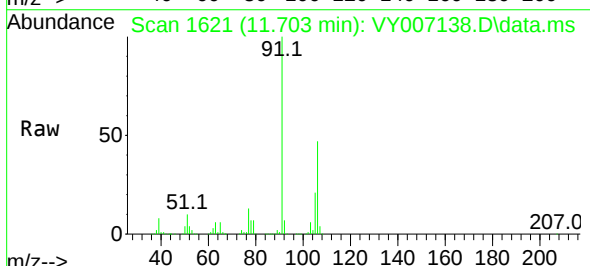
Acq: 13 Jan 2022 12:23

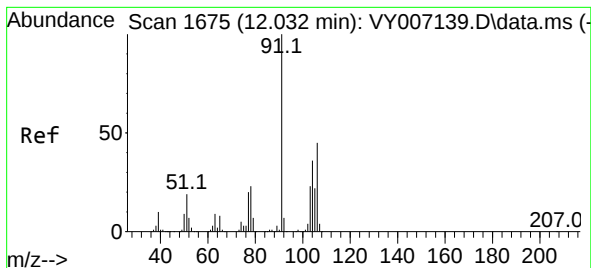
Tgt Ion:106 Resp: 120599

Ion Ratio Lower Upper

106 100

91 209.3 167.1 250.7





#69

o-Xylene

Concen: 19.426 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA\_Y

ClientSampleId :

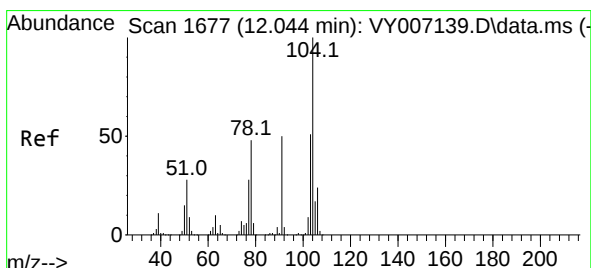
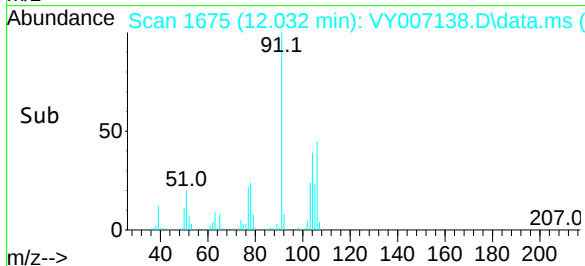
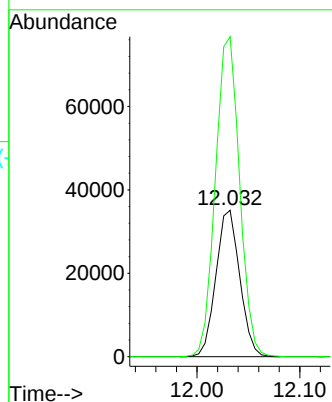
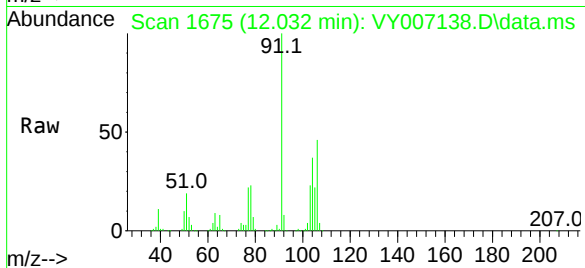
VSTDIC020

Tgt Ion:106 Resp: 56471

Ion Ratio Lower Upper

106 100

91 221.6 109.9 329.6



#70

Styrene

Concen: 19.242 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

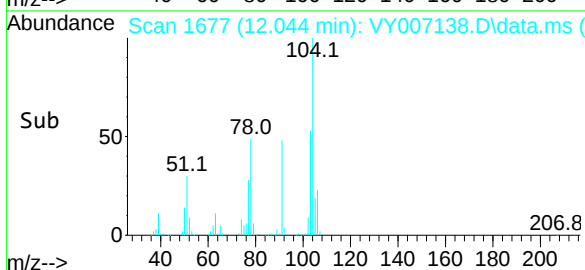
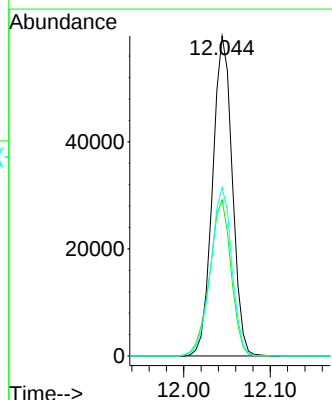
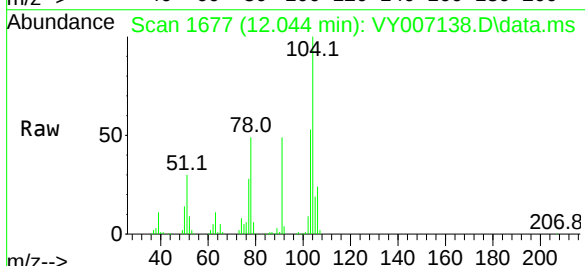
Tgt Ion:104 Resp: 94629

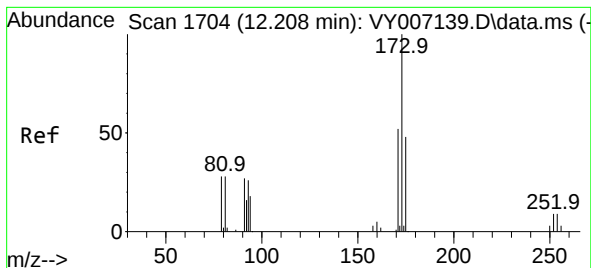
Ion Ratio Lower Upper

104 100

78 52.9 41.4 62.0

103 56.4 44.2 66.2





#71

Bromoform

Concen: 18.501 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICC020

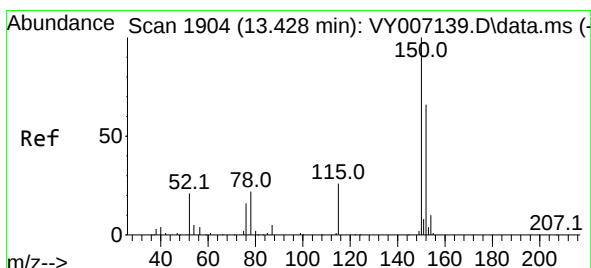
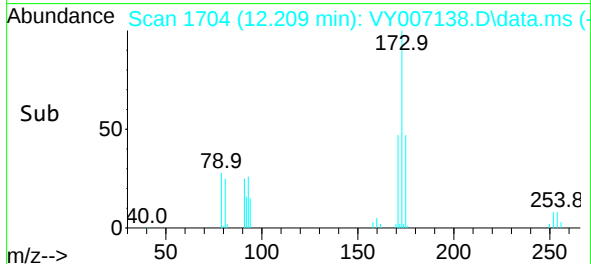
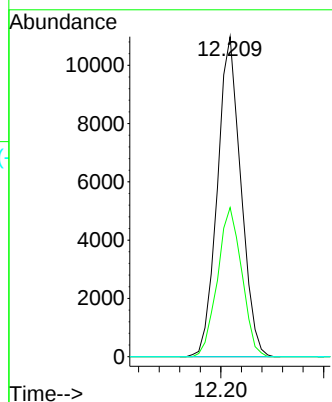
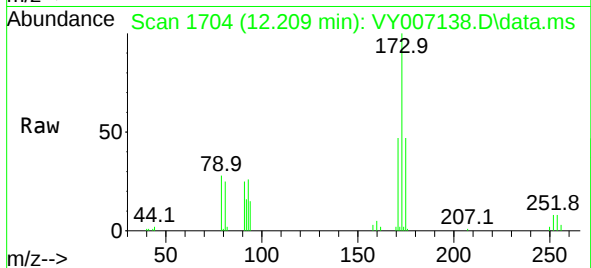
Tgt Ion:173 Resp: 17410

Ion Ratio Lower Upper

173 100

175 48.1 24.8 74.3

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: VY007138.D

Acq: 13 Jan 2022 12:23

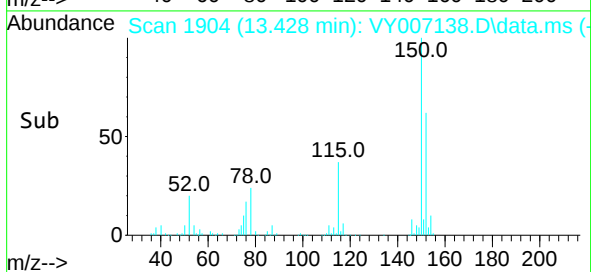
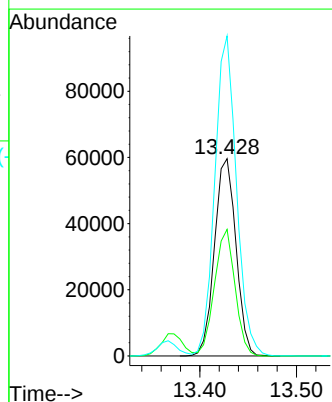
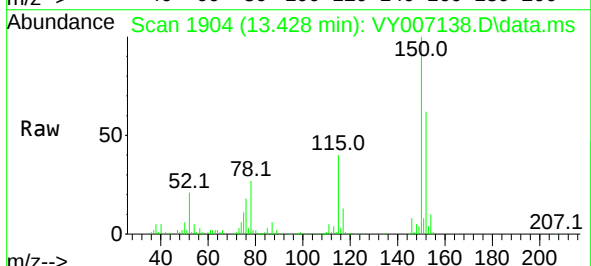
Tgt Ion:152 Resp: 91885

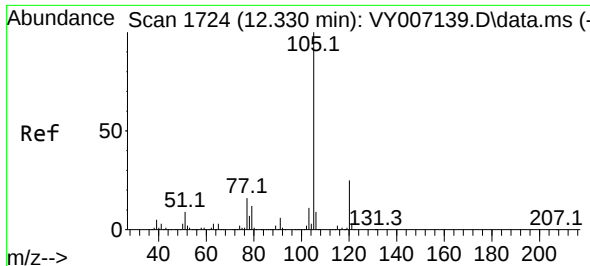
Ion Ratio Lower Upper

152 100

115 61.4 31.4 94.0

150 163.7 0.0 348.4

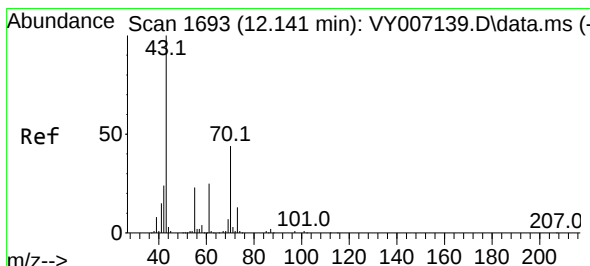
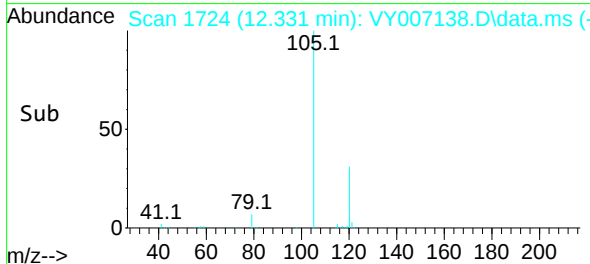
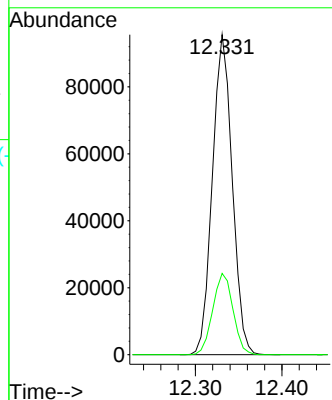
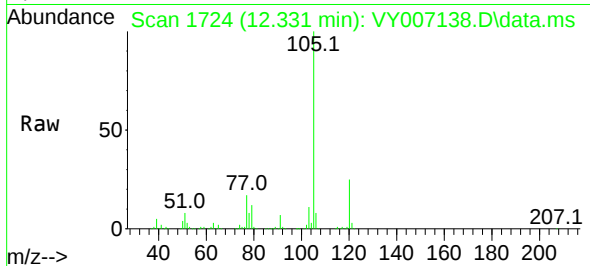




#73  
Isopropylbenzene  
Concen: 19.384 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

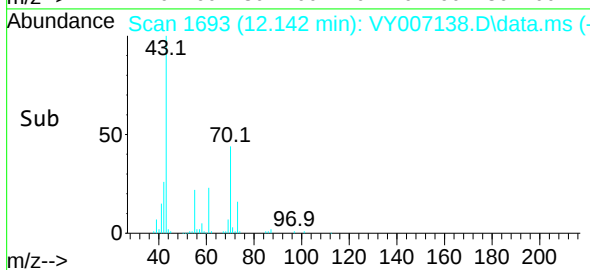
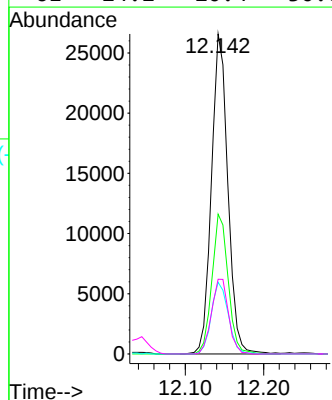
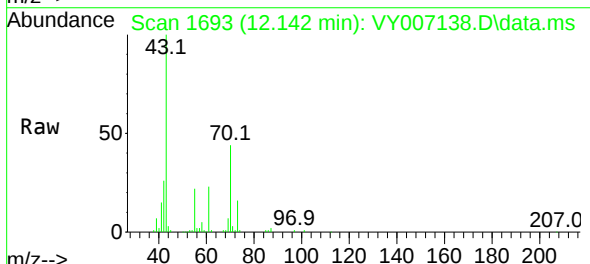
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

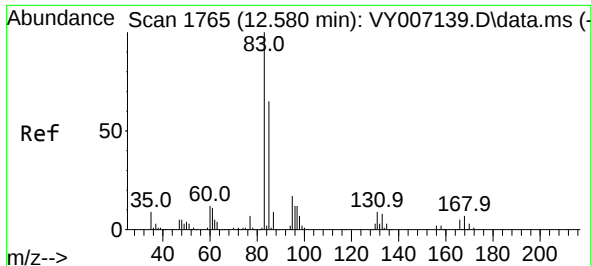
Tgt Ion:105 Resp: 151949  
Ion Ratio Lower Upper  
105 100  
120 25.9 13.1 39.1



#74  
N-ethyl acetate  
Concen: 19.168 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

Tgt Ion: 43 Resp: 38573  
Ion Ratio Lower Upper  
43 100  
70 43.1 36.2 54.4  
55 23.2 19.0 28.4  
61 24.2 20.4 30.6

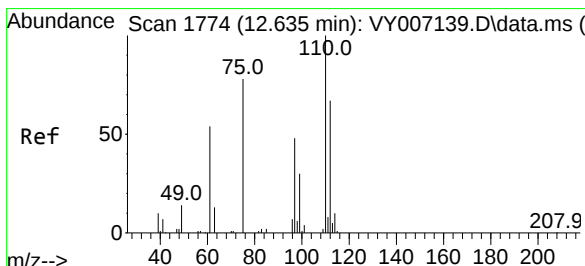
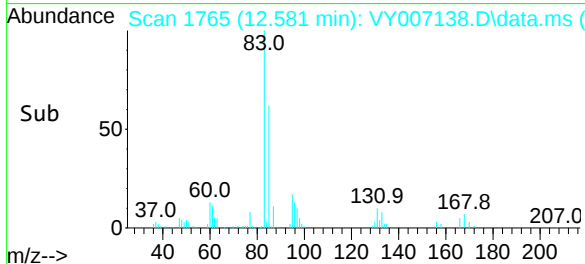
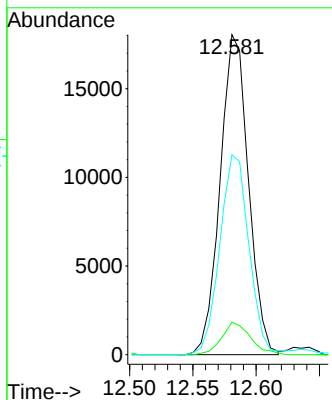
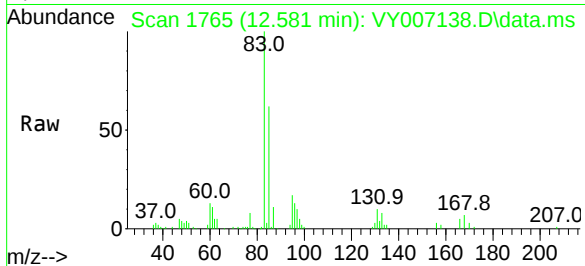




#75  
1,1,2,2-Tetrachloroethane  
Concen: 18.776 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

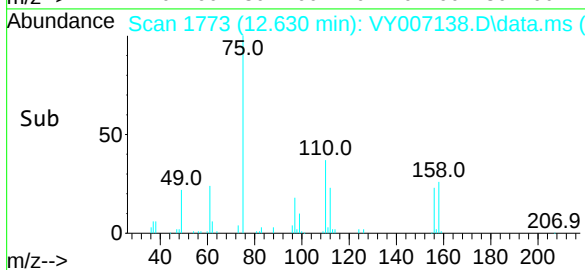
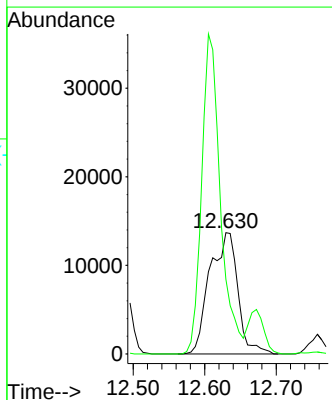
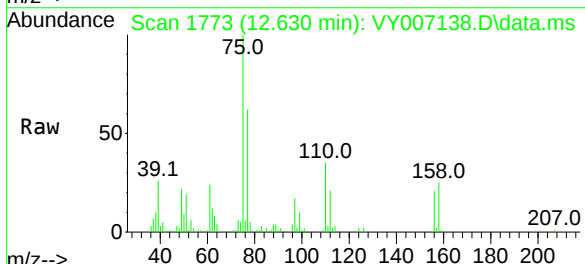
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

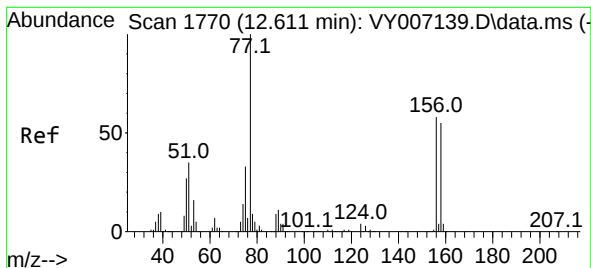
Tgt Ion: 83 Resp: 28135  
Ion Ratio Lower Upper  
83 100  
131 10.3 5.3 16.1  
85 64.0 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 34.724 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

Tgt Ion: 75 Resp: 37347  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.832 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

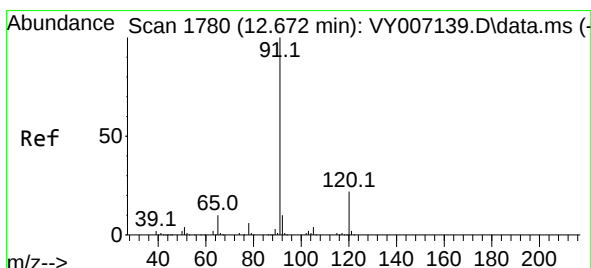
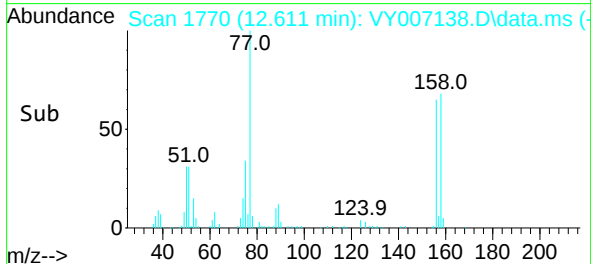
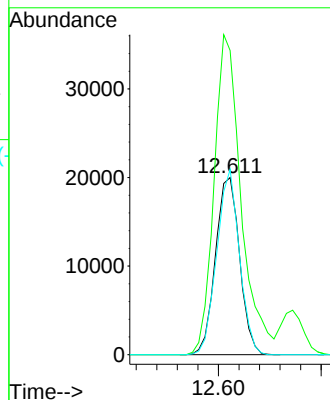
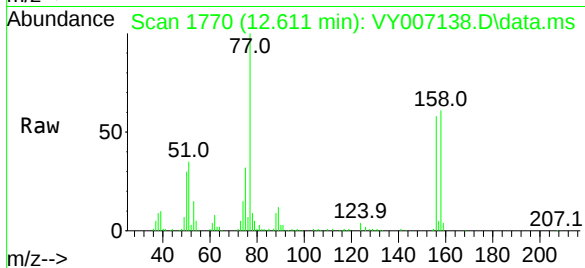
Tgt Ion:156 Resp: 32507

Ion Ratio Lower Upper

156 100

77 202.4 98.7 296.1

158 98.2 48.4 145.2



#78

n-propylbenzene

Concen: 19.886 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY007138.D

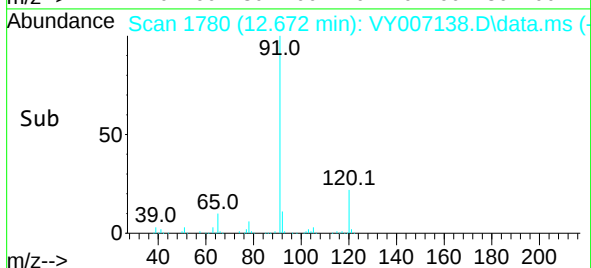
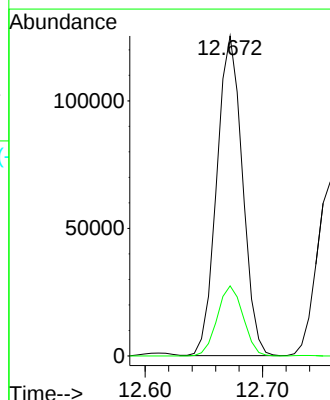
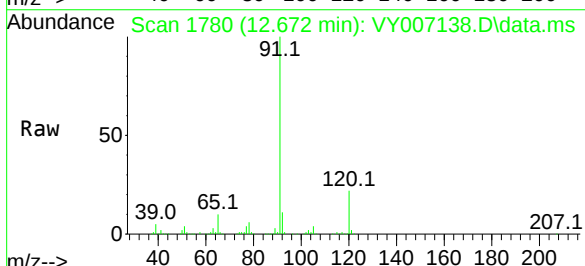
Acq: 13 Jan 2022 12:23

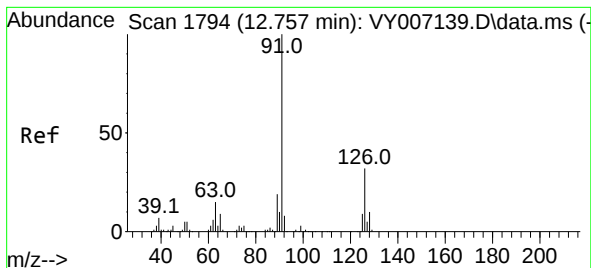
Tgt Ion: 91 Resp: 190453

Ion Ratio Lower Upper

91 100

120 22.0 11.2 33.5





#79

2-Chlorotoluene

Concen: 19.334 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA\_Y

ClientSampleId :

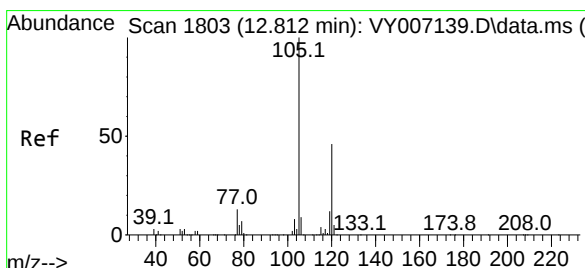
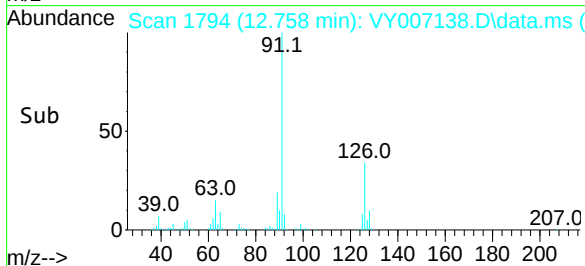
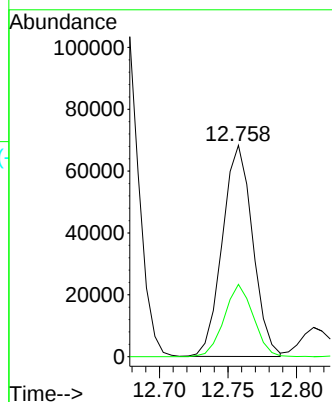
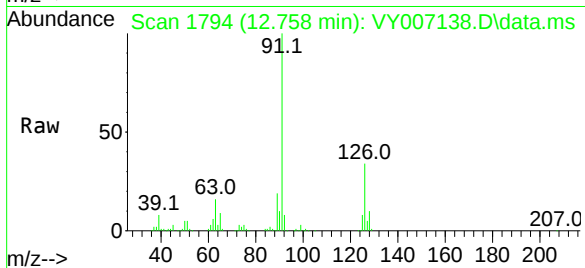
VSTDIC020

Tgt Ion: 91 Resp: 105278

Ion Ratio Lower Upper

91 100

126 32.9 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 19.398 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY007138.D

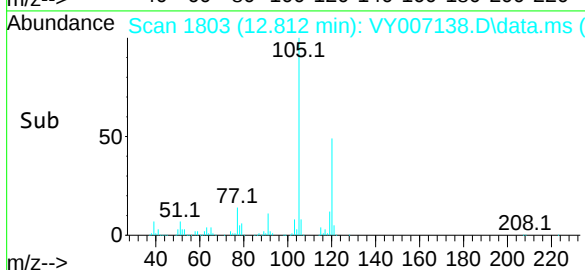
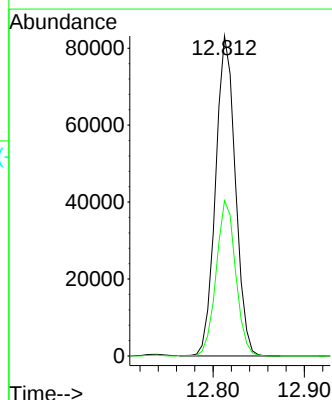
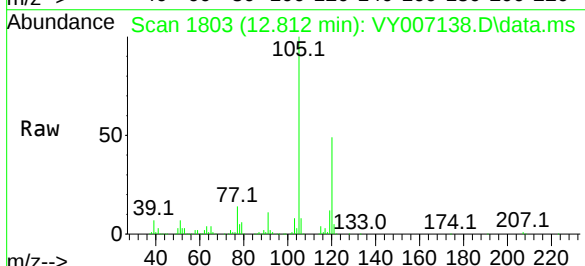
Acq: 13 Jan 2022 12:23

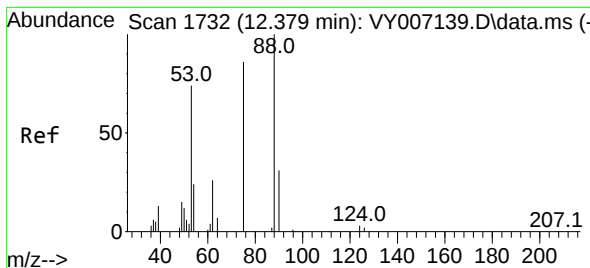
Tgt Ion: 105 Resp: 124924

Ion Ratio Lower Upper

105 100

120 47.9 23.7 71.1

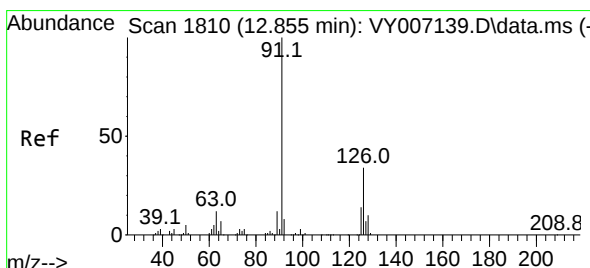
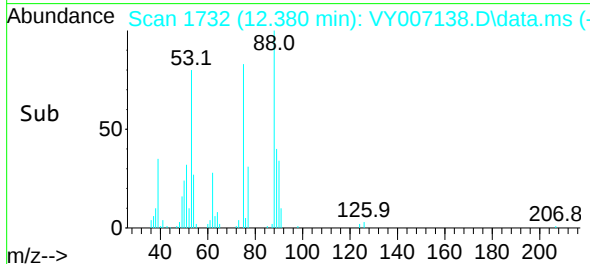
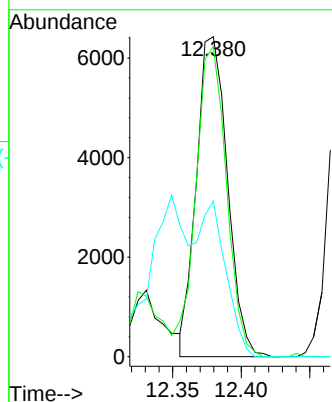
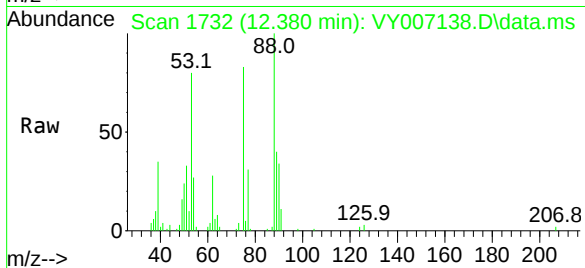




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.990 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

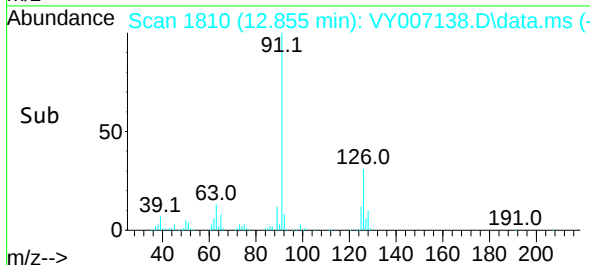
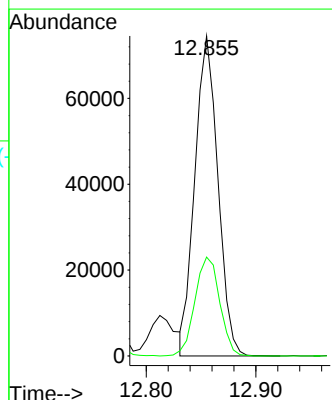
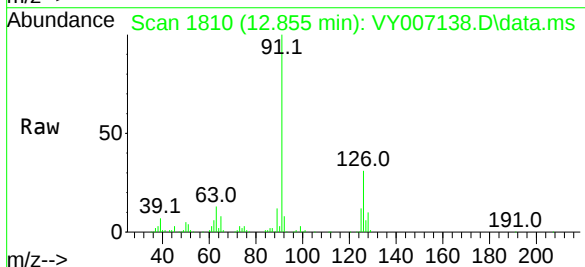
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC020

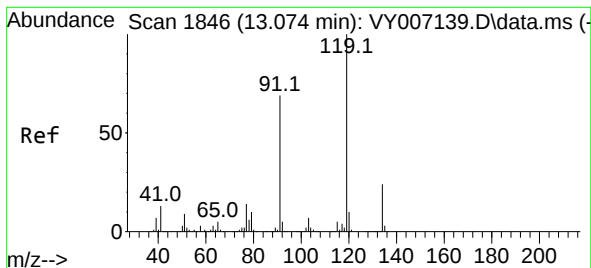
Tgt Ion: 75 Resp: 10122  
Ion Ratio Lower Upper  
75 100  
53 95.8 73.9 110.9  
89 36.9 0.0 0.0#



#82  
4-Chlorotoluene  
Concen: 19.338 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

Tgt Ion: 91 Resp: 108748  
Ion Ratio Lower Upper  
91 100  
126 33.2 16.3 48.9





#83

tert-Butylbenzene

Concen: 19.082 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

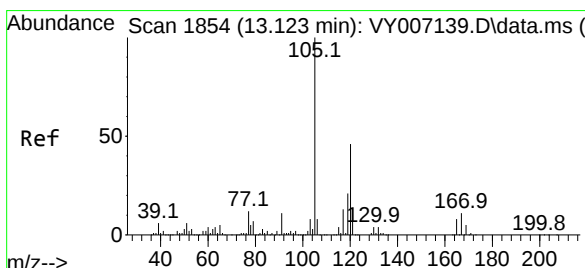
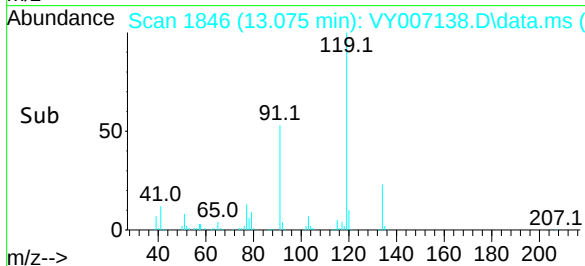
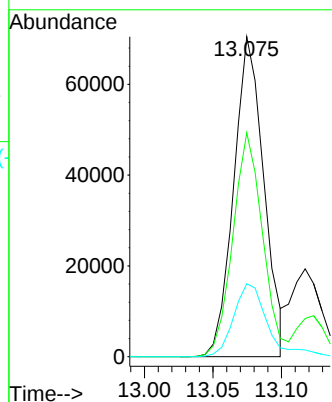
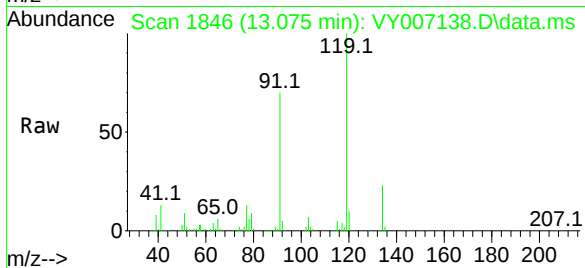
Tgt Ion:119 Resp: 108016

Ion Ratio Lower Upper

119 100

91 69.4 33.1 99.5

134 25.6 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 19.774 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY007138.D

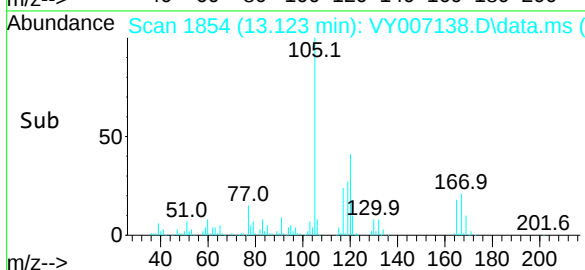
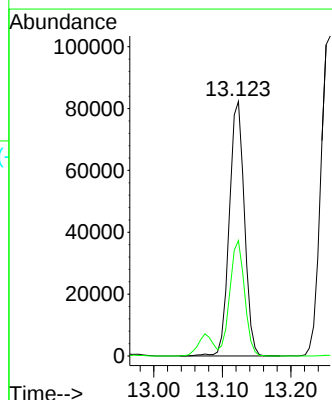
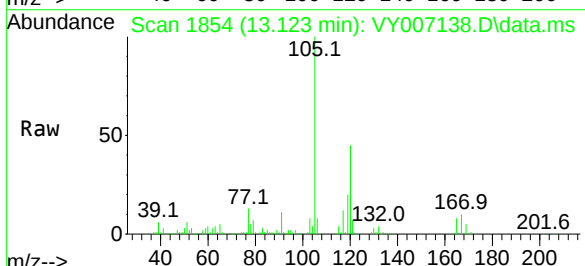
Acq: 13 Jan 2022 12:23

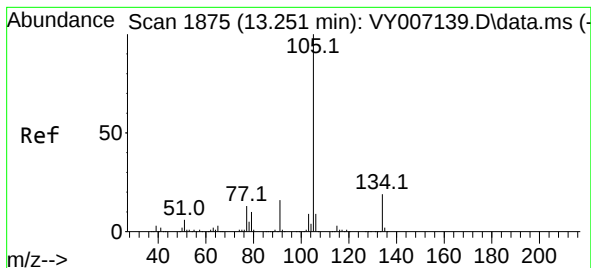
Tgt Ion:105 Resp: 125430

Ion Ratio Lower Upper

105 100

120 44.3 21.6 64.6





#85

sec-Butylbenzene

Concen: 19.574 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.007 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA\_Y

ClientSampleId :

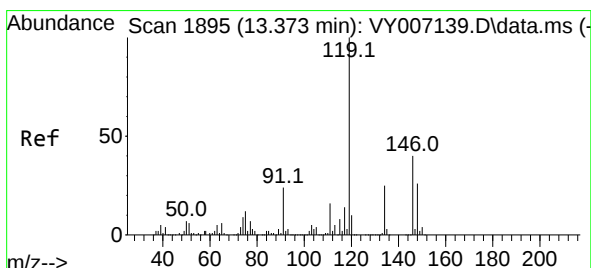
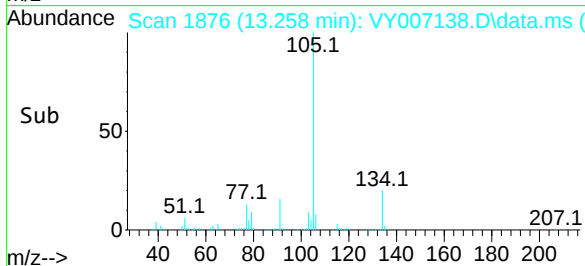
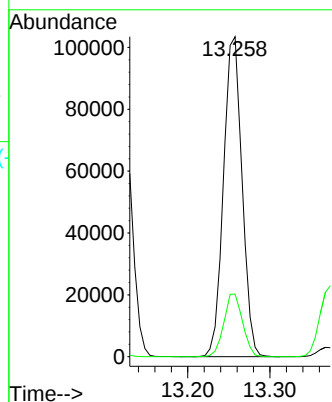
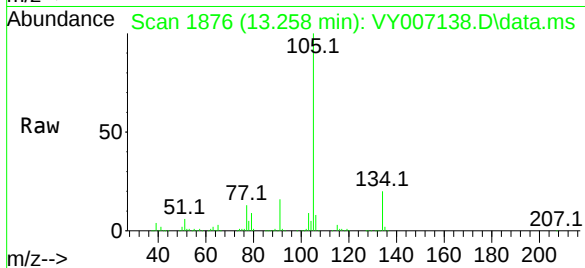
VSTDIC020

Tgt Ion:105 Resp: 162124

Ion Ratio Lower Upper

105 100

134 19.7 9.9 29.7



#86

p-Isopropyltoluene

Concen: 19.682 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

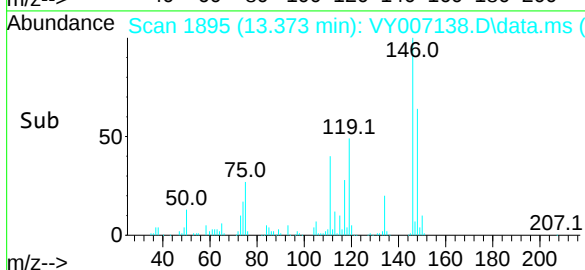
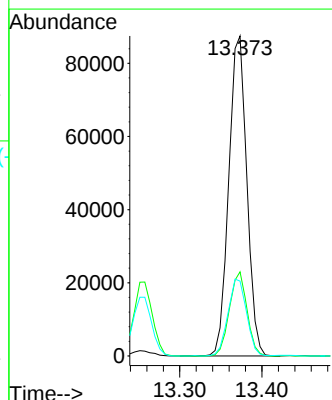
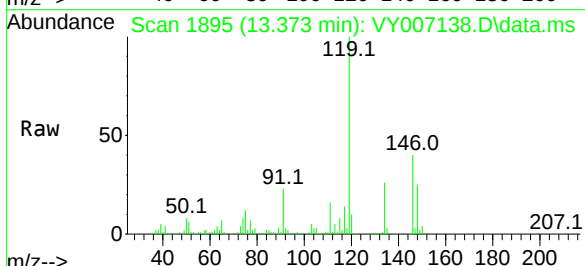
Tgt Ion:119 Resp: 133754

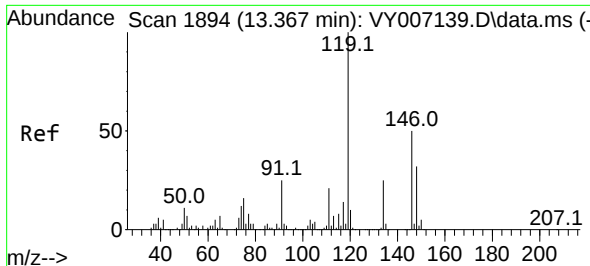
Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

91 24.7 12.4 37.2

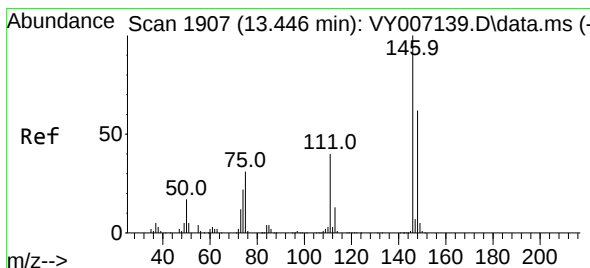
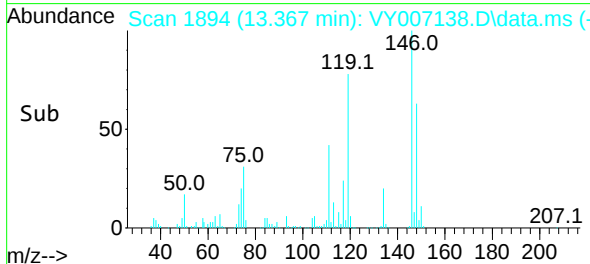
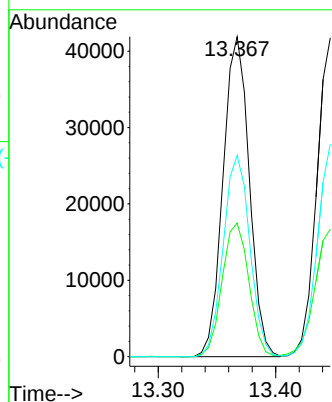
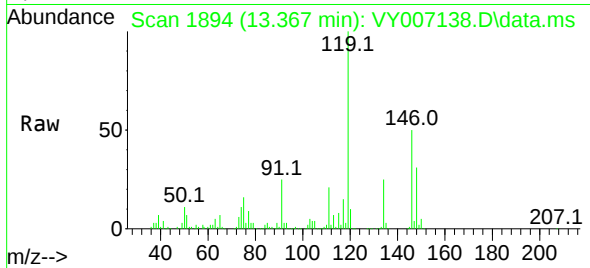




#87  
1,3-Dichlorobenzene  
Concen: 19.491 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

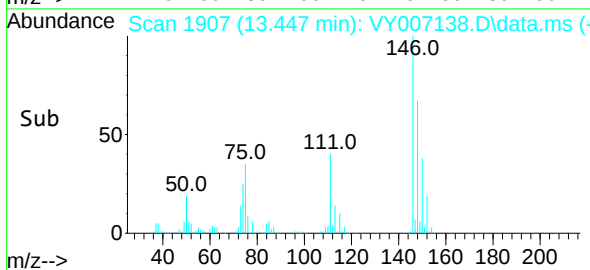
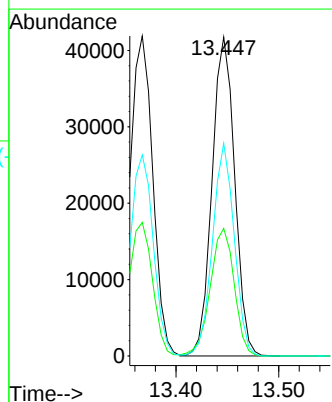
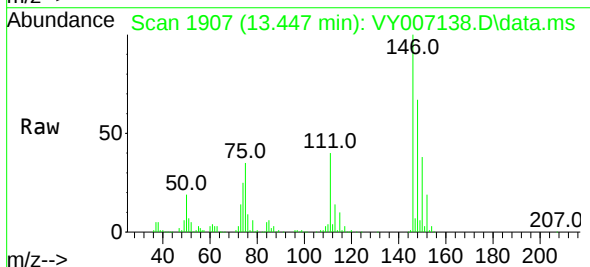
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

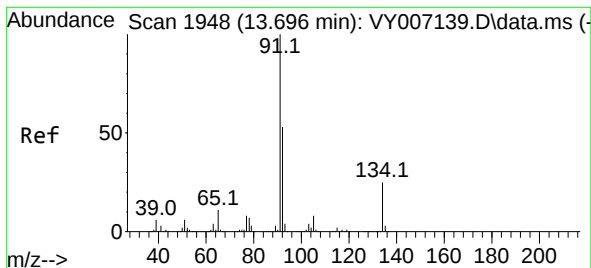
Tgt Ion:146 Resp: 65043  
Ion Ratio Lower Upper  
146 100  
111 42.6 21.1 63.1  
148 63.7 31.9 95.7



#88  
1,4-Dichlorobenzene  
Concen: 19.168 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY007138.D  
Acq: 13 Jan 2022 12:23

Tgt Ion:146 Resp: 63844  
Ion Ratio Lower Upper  
146 100  
111 42.3 20.7 62.1  
148 64.2 32.0 96.2





#89

n-Butylbenzene

Concen: 19.862 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

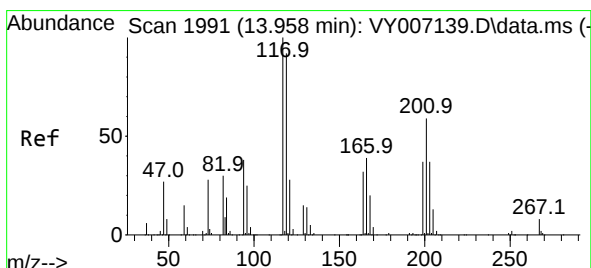
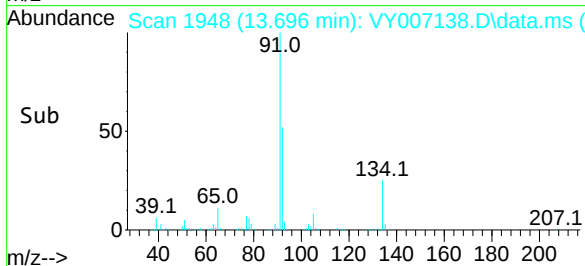
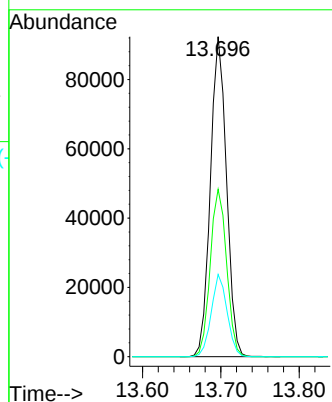
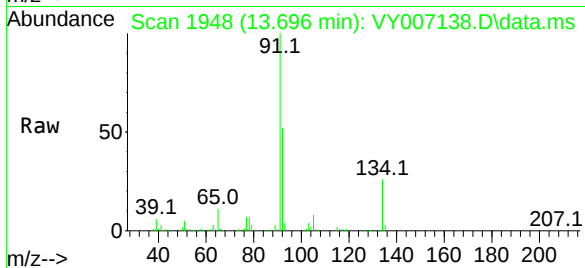
Tgt Ion: 91 Resp: 131650

Ion Ratio Lower Upper

91 100

92 53.2 26.9 80.6

134 25.3 12.6 37.6



#90

Hexachloroethane

Concen: 19.121 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY007138.D

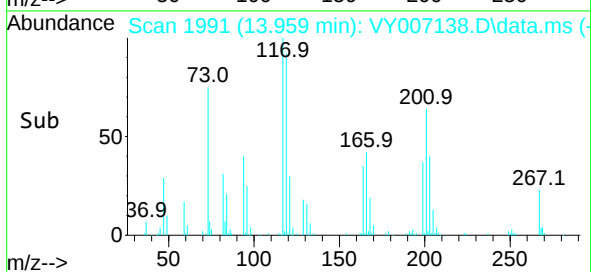
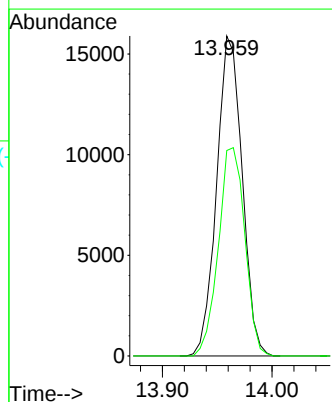
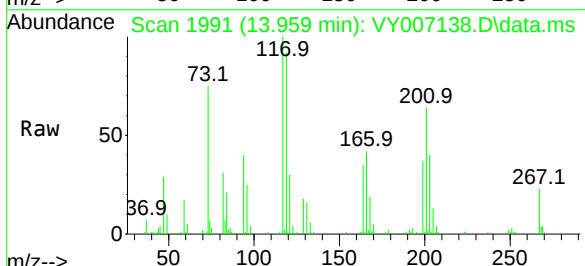
Acq: 13 Jan 2022 12:23

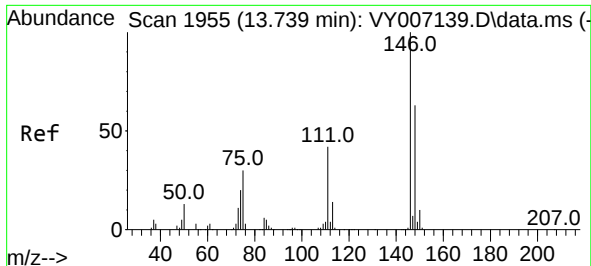
Tgt Ion: 117 Resp: 25712

Ion Ratio Lower Upper

117 100

201 67.5 33.6 100.6





#91

1,2-Dichlorobenzene

Concen: 19.389 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

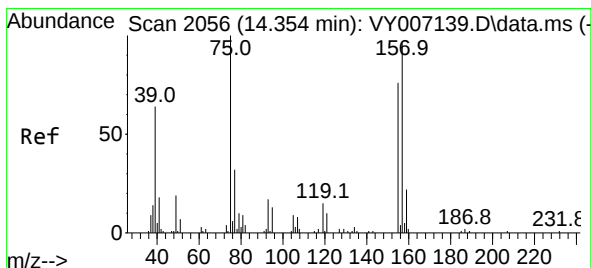
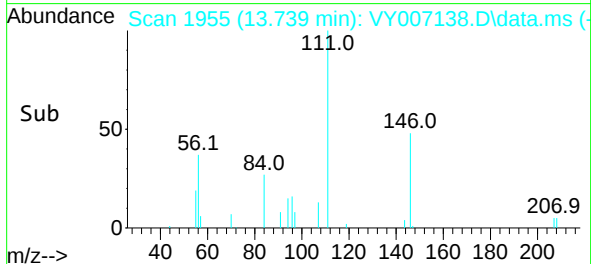
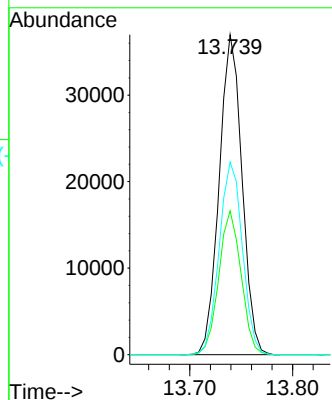
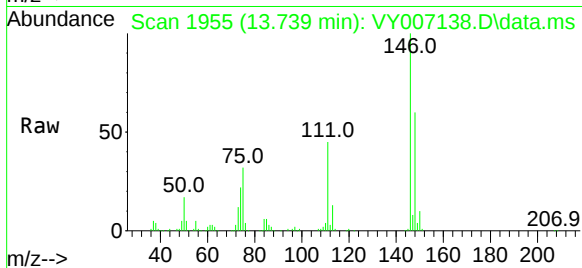
Tgt Ion:146 Resp: 56961

Ion Ratio Lower Upper

146 100

111 43.9 21.4 64.3

148 61.3 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.361 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.007 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

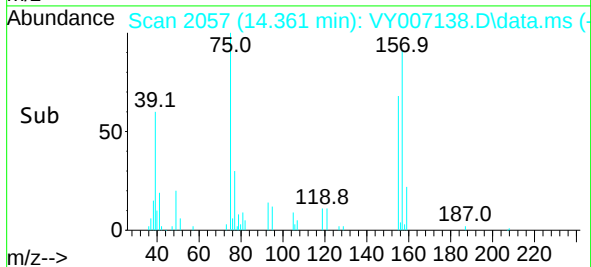
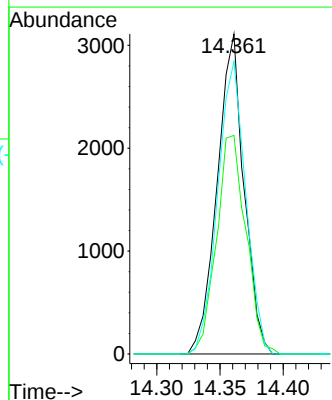
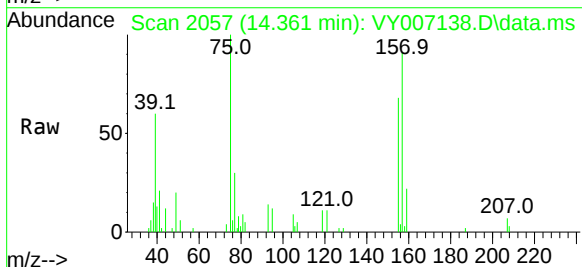
Tgt Ion: 75 Resp: 4591

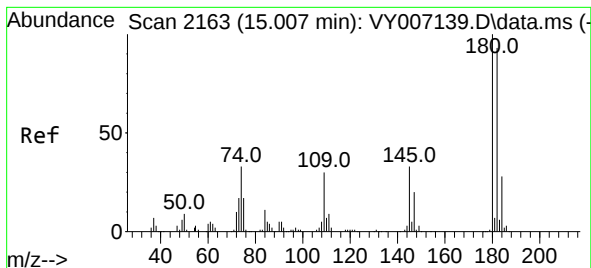
Ion Ratio Lower Upper

75 100

155 74.7 40.1 120.2

157 95.2 51.7 155.2





#93

1,2,4-Trichlorobenzene

Concen: 18.476 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

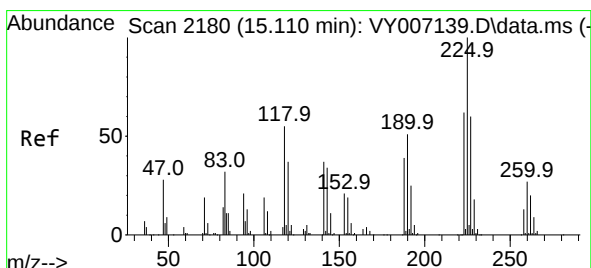
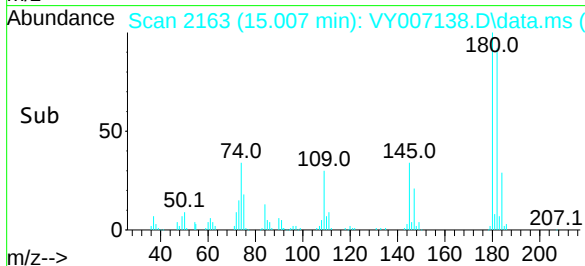
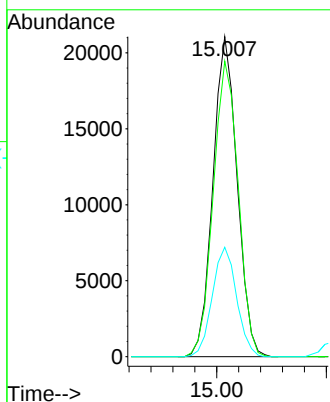
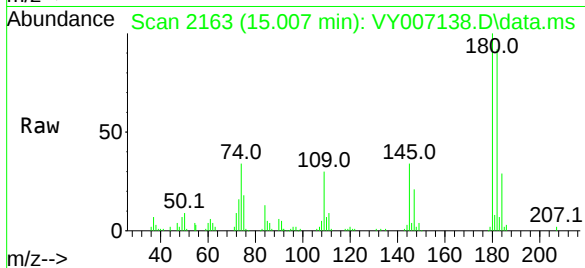
Tgt Ion:180 Resp: 32291

Ion Ratio Lower Upper

180 100

182 95.1 47.6 142.8

145 34.4 16.4 49.1



#94

Hexachlorobutadiene

Concen: 19.598 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

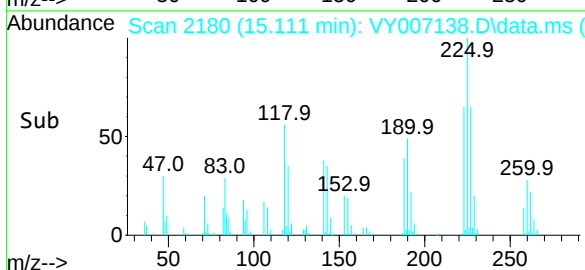
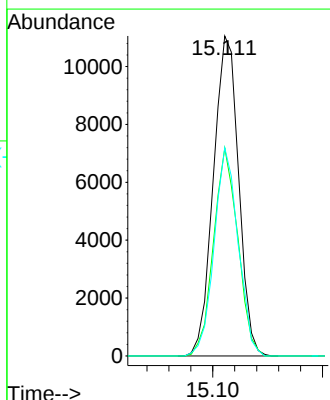
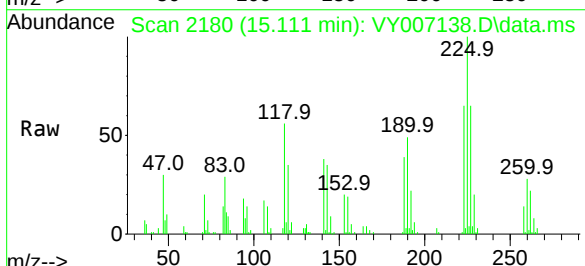
Tgt Ion:225 Resp: 17660

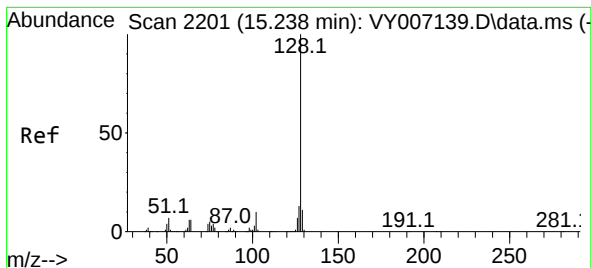
Ion Ratio Lower Upper

225 100

223 62.6 32.6 97.8

227 61.9 32.0 96.2





#95

Naphthalene

Concen: 18.162 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

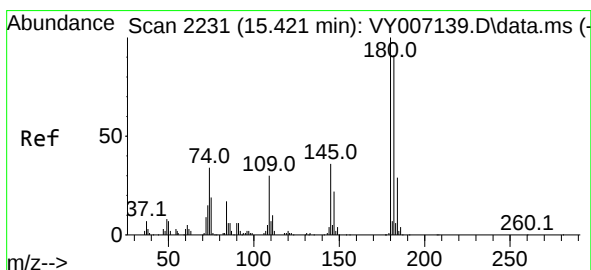
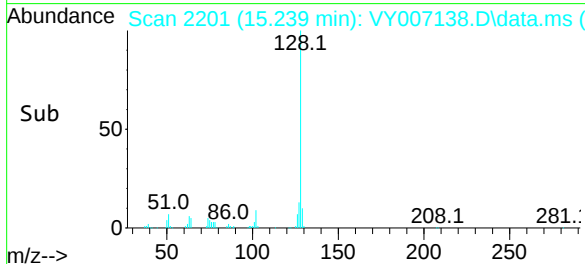
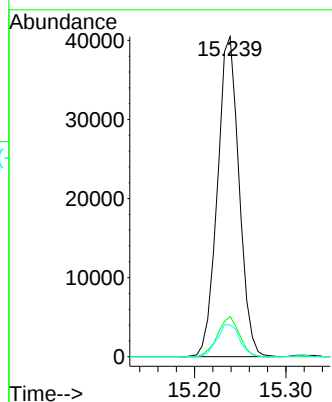
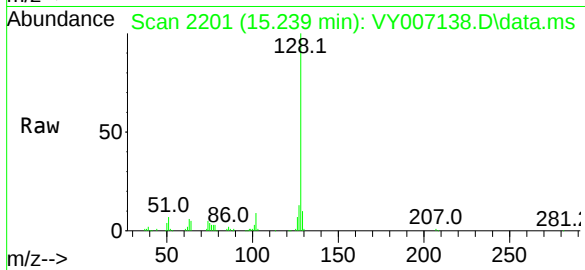
Tgt Ion:128 Resp: 66453

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.6 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.327 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Tgt Ion:180 Resp: 26975

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.8

145 33.9 17.2 51.5

