

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY030823\  
 Data File : VY012863.D  
 Acq On : 08 Mar 2023 12:08  
 Operator : KP/MD  
 Sample : VY0308SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0308SBS01

Quant Time: Mar 09 00:33:32 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030223S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 03 01:13:13 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 101583   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 154778   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 139882   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 72845    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.142  | 65    | 47843    | 47.436   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 94.880% |
| 35) Dibromofluoromethane    | 7.716  | 113   | 45682    | 48.906   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 97.820% |
| 50) Toluene-d8              | 10.179 | 98    | 158255   | 46.344   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 92.680% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 56378    | 48.914   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 97.820% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 22858  | 22.829  | ug/l   | 99  |
| 3) Chloromethane             | 2.113 | 50  | 25483  | 21.289  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.253 | 62  | 24630  | 22.439  | ug/l   | 100 |
| 5) Bromomethane              | 2.637 | 94  | 14487  | 21.721  | ug/l   | 93  |
| 6) Chloroethane              | 2.790 | 64  | 14883  | 22.640  | ug/l   | 95  |
| 7) Trichlorofluoromethane    | 3.125 | 101 | 40969  | 22.473  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.533 | 74  | 14263  | 22.326  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 3.899 | 101 | 23531  | 21.454  | ug/l   | 96  |
| 10) Methyl Iodide            | 4.094 | 142 | 30948  | 21.655  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 4.942 | 59  | 16461  | 132.438 | ug/l # | 94  |
| 12) 1,1-Dichloroethene       | 3.869 | 96  | 22617  | 21.621  | ug/l   | 96  |
| 13) Acrolein                 | 3.729 | 56  | 17518  | 99.138  | ug/l   | 100 |
| 14) Allyl chloride           | 4.485 | 41  | 36279  | 18.775  | ug/l   | 97  |
| 15) Acrylonitrile            | 5.161 | 53  | 37703  | 112.007 | ug/l   | 100 |
| 16) Acetone                  | 3.948 | 43  | 41955  | 105.980 | ug/l   | 99  |
| 17) Carbon Disulfide         | 4.192 | 76  | 75446  | 21.189  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.478 | 43  | 24436  | 20.728  | ug/l   | 97  |
| 19) Methyl tert-butyl Ether  | 5.222 | 73  | 58856  | 21.783  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.710 | 84  | 30936  | 22.672  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.216 | 96  | 25412  | 22.354  | ug/l   | 95  |
| 22) Diisopropyl ether        | 6.112 | 45  | 75175  | 21.420  | ug/l   | 92  |
| 23) Vinyl Acetate            | 6.057 | 43  | 233317 | 106.993 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.015 | 63  | 42592  | 21.297  | ug/l   | 99  |
| 25) 2-Butanone               | 6.984 | 43  | 53831  | 109.786 | ug/l   | 95  |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 37935  | 21.357  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 6.984 | 96  | 27489  | 22.555  | ug/l   | 96  |
| 28) Bromochloromethane       | 7.338 | 49  | 15894  | 21.747  | ug/l   | 95  |
| 29) Tetrahydrofuran          | 7.350 | 42  | 32528  | 109.993 | ug/l   | 96  |
| 30) Chloroform               | 7.502 | 83  | 44327  | 22.439  | ug/l   | 98  |
| 31) Cyclohexane              | 7.783 | 56  | 38455  | 19.908  | ug/l   | 91  |
| 32) 1,1,1-Trichloroethane    | 7.703 | 97  | 39396  | 22.053  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 34293  | 21.908  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.076 | 43  | 22530  | 22.836  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 7.899 | 117 | 36304  | 22.459  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.185 | 83  | 38265  | 20.562  | ug/l   | 97  |
| 40) Benzene                  | 8.161 | 78  | 98801  | 22.313  | ug/l   | 96  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY030823\  
 Data File : VY012863.D  
 Acq On : 08 Mar 2023 12:08  
 Operator : KP/MD  
 Sample : VY0308SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0308SBS01

Quant Time: Mar 09 00:33:32 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030223S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 03 01:13:13 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 30471    | 57.325  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 30394    | 22.832  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.270  | 43   | 38559    | 21.906  | ug/l   | 97       |
| 44) Trichloroethene           | 8.941  | 130  | 26158    | 22.407  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.215  | 63   | 24255    | 21.675  | ug/l   | 98       |
| 46) Dibromomethane            | 9.307  | 93   | 14902    | 23.375  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.496  | 83   | 33946    | 22.596  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.295  | 41   | 17643    | 21.753  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 4154     | 504.034 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 109055   | 114.217 | ug/l   | 99       |
| 52) Toluene                   | 10.246 | 92   | 60876    | 22.797  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 36001    | 22.846  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 39670    | 22.242  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 21052    | 23.711  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 27104    | 22.895  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 35280    | 23.330  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 69362    | 111.611 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.831 | 43   | 79569    | 114.664 | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.983 | 129  | 25244    | 23.358  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 20567    | 24.048  | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.721 | 164  | 22660    | 22.250  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.520 | 112  | 66410    | 22.621  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 25359    | 23.344  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.593 | 91   | 114319   | 22.148  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.703 | 106  | 90890    | 45.774  | ug/l   | 98       |
| 69) o-Xylene                  | 12.032 | 106  | 40822    | 22.028  | ug/l   | 99       |
| 70) Styrene                   | 12.044 | 104  | 70679    | 22.855  | ug/l   | 100      |
| 71) Bromoform                 | 12.209 | 173  | 16996    | 23.996  | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.331 | 105  | 109550   | 21.220  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 33063    | 20.355  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 26633    | 22.949  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 32976    | 37.908  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 28109    | 22.413  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.672 | 91   | 136744   | 21.484  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 77272    | 21.844  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 92308    | 21.666  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 9117     | 21.716  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 80255    | 21.916  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.074 | 119  | 78615    | 21.378  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 91518    | 21.967  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 121684   | 21.691  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 99172    | 21.630  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 55015    | 22.744  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 54208    | 21.958  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.696 | 91   | 92312    | 21.031  | ug/l   | 100      |
| 90) Hexachloroethane          | 13.958 | 117  | 20702    | 21.679  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 49427    | 22.605  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 4361     | 23.252  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 28767    | 21.368  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 17346    | 21.125  | ug/l   | 97       |
| 95) Naphthalene               | 15.239 | 128  | 57046    | 21.145  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 25963    | 21.684  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY030823\  
Data File : VY012863.D  
Acq On : 08 Mar 2023 12:08  
Operator : KP/MD  
Sample : VY0308SBSD01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 6 Sample Multiplier: 1

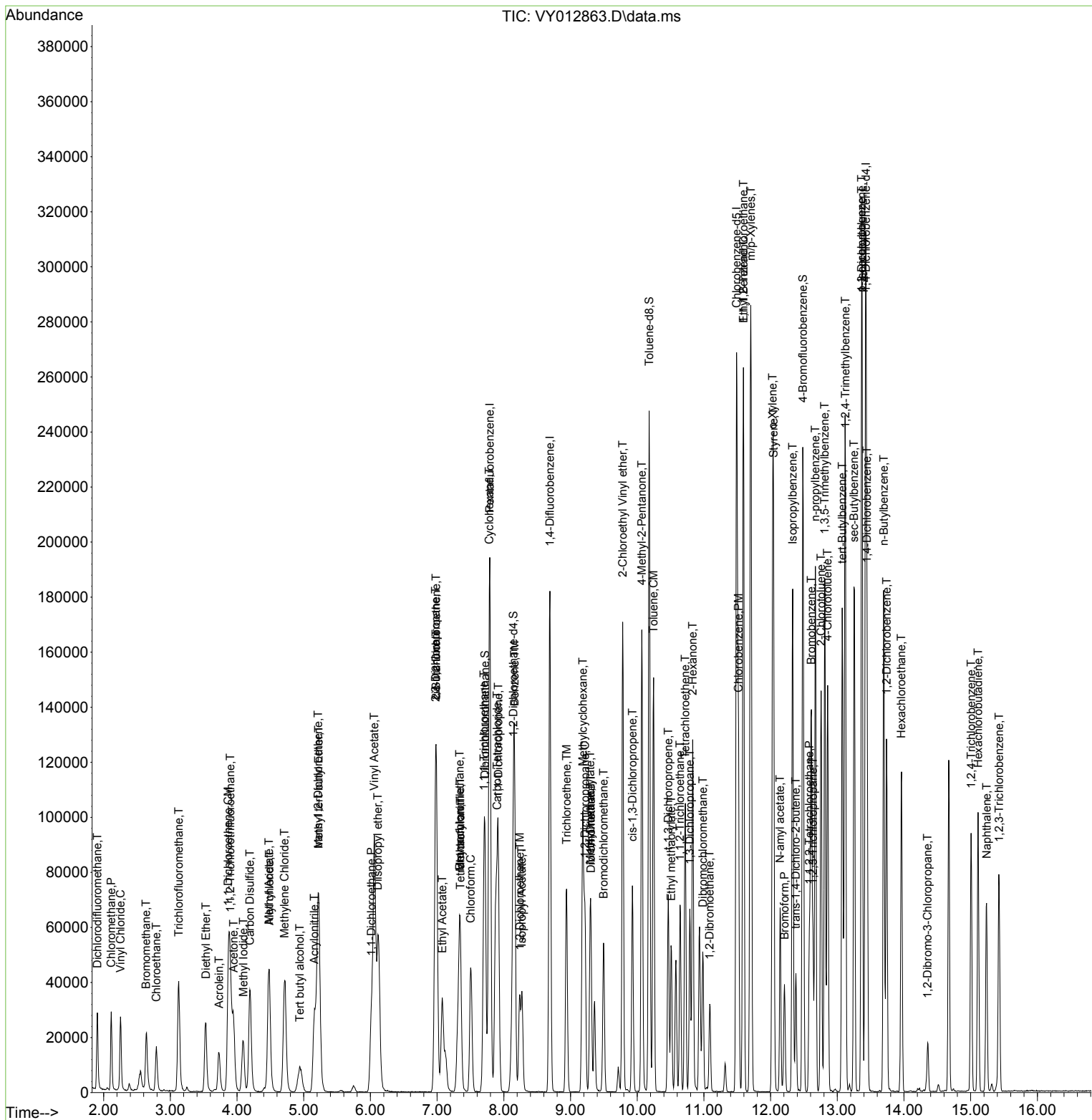
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBSD01

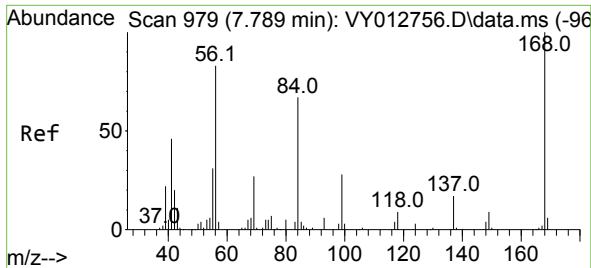
Quant Time: Mar 09 00:33:32 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030223S.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 03 01:13:13 2023  
Response via : Initial Calibration

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

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

Quant Time: Mar 09 00:33:32 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030223S.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 03 01:13:13 2023  
Response via : Initial Calibration

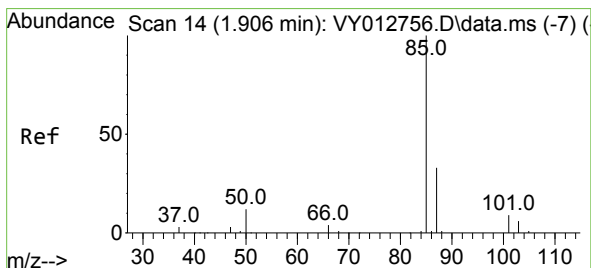
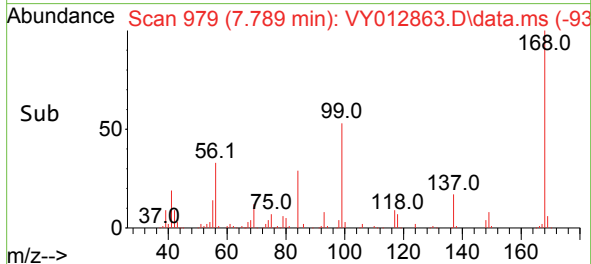
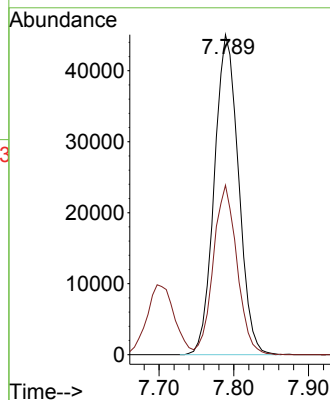
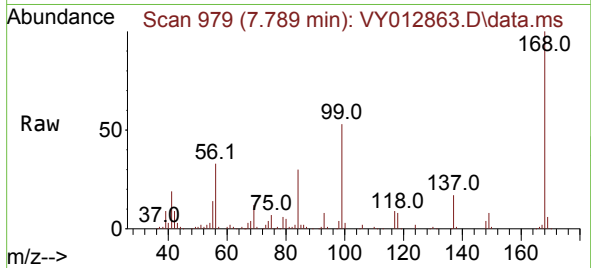




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

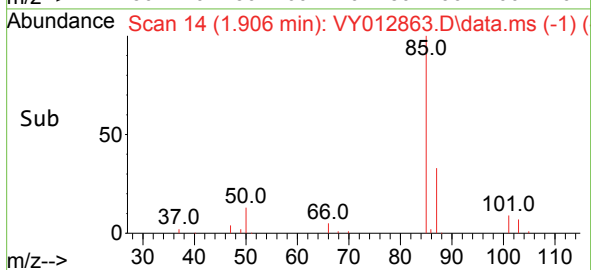
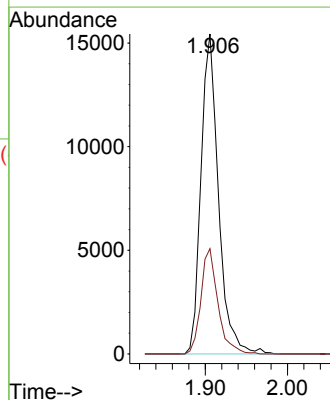
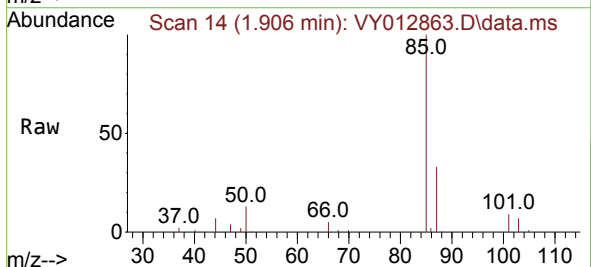
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBS01

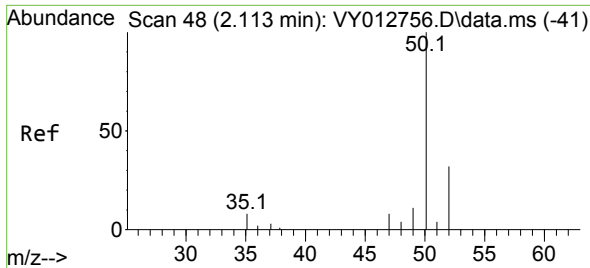
Tgt Ion:168 Resp: 101583  
Ion Ratio Lower Upper  
168 100  
99 52.8 41.7 62.5



#2  
Dichlorodifluoromethane  
Concen: 22.829 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

Tgt Ion: 85 Resp: 22858  
Ion Ratio Lower Upper  
85 100  
87 32.9 16.7 50.0

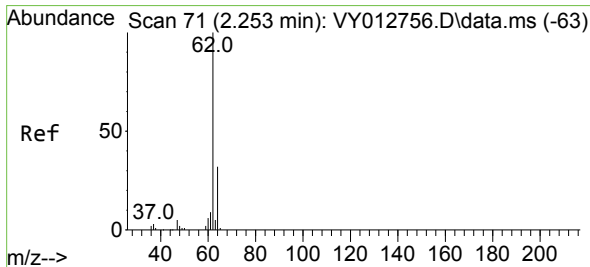
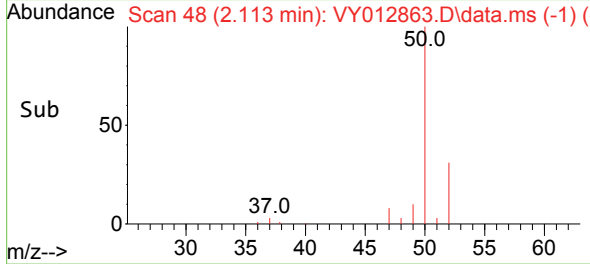
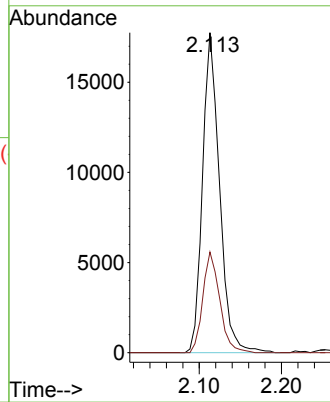
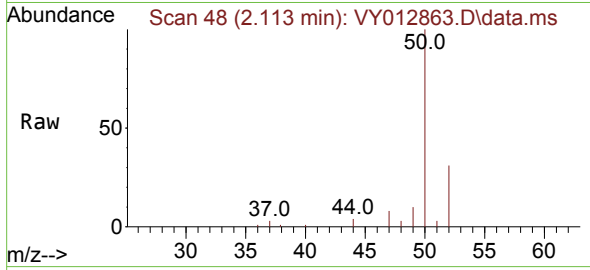




#3  
Chloromethane  
Concen: 21.289 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

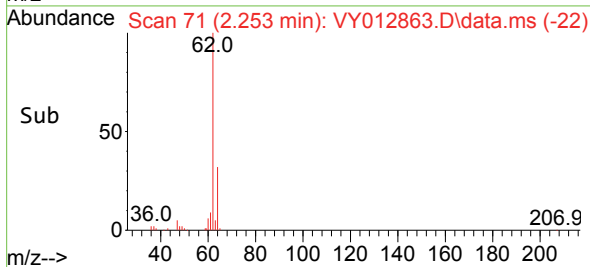
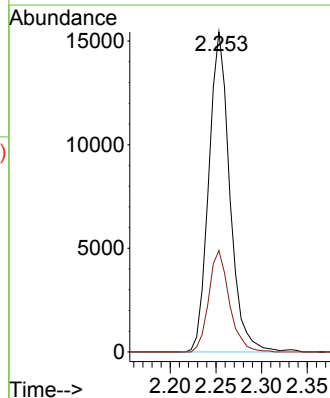
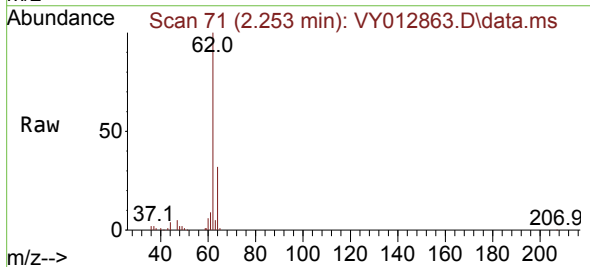
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBS01

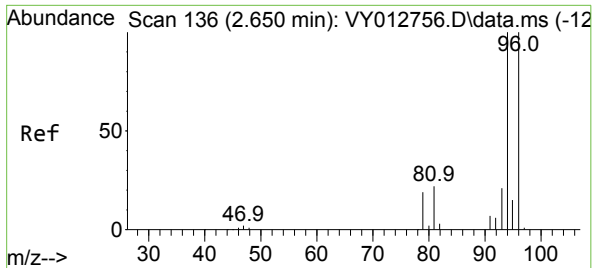
Tgt Ion: 50 Resp: 25483  
Ion Ratio Lower Upper  
50 100  
52 31.5 26.0 39.0



#4  
Vinyl Chloride  
Concen: 22.439 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

Tgt Ion: 62 Resp: 24630  
Ion Ratio Lower Upper  
62 100  
64 31.7 25.6 38.4





#5

Bromomethane

Concen: 21.721 ug/l

RT: 2.637 min Scan# 11

Delta R.T. -0.013 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

Instrument :

MSVOA\_Y

ClientSampleId :

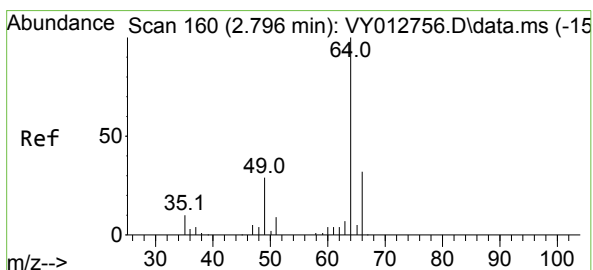
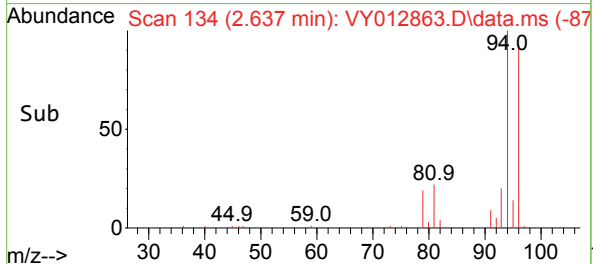
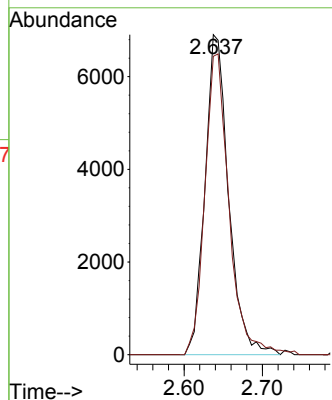
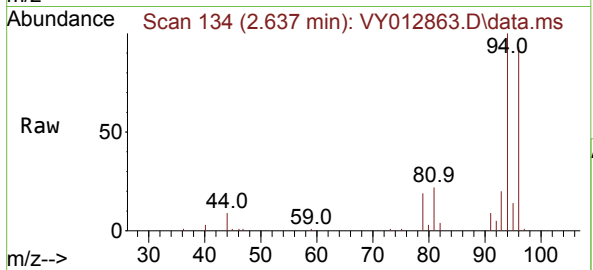
VY0308SBS01

Tgt Ion: 94 Resp: 14487

Ion Ratio Lower Upper

94 100

96 93.3 80.3 120.5



#6

Chloroethane

Concen: 22.640 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY012863.D

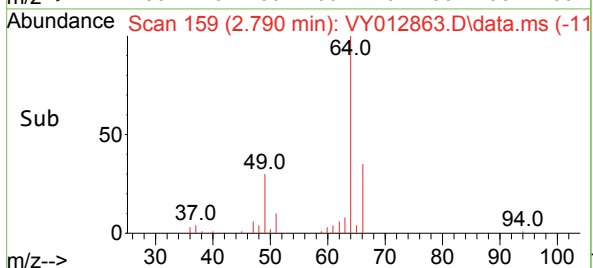
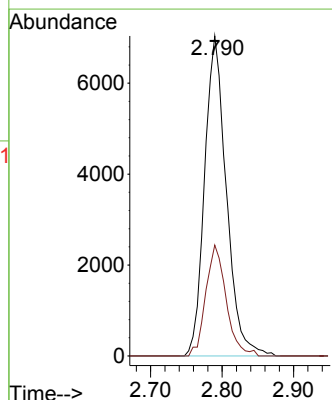
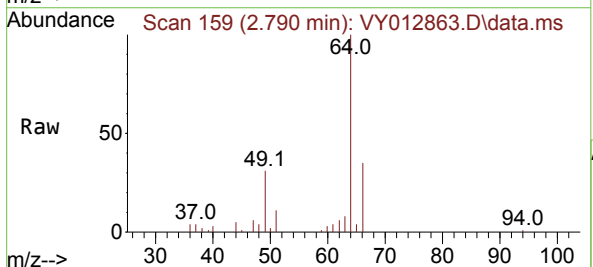
Acq: 08 Mar 2023 12:08

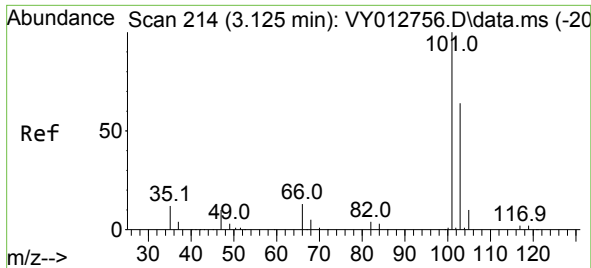
Tgt Ion: 64 Resp: 14883

Ion Ratio Lower Upper

64 100

66 34.6 25.7 38.5

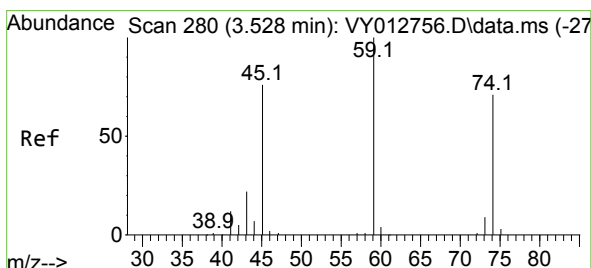
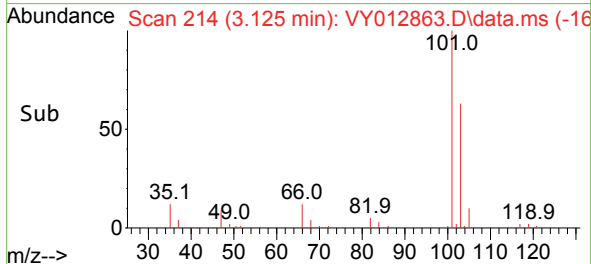
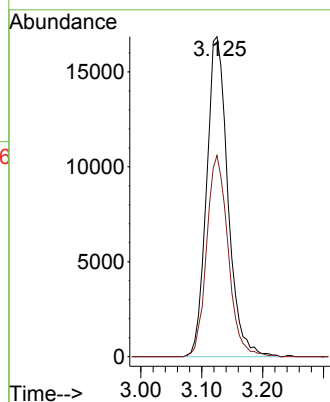
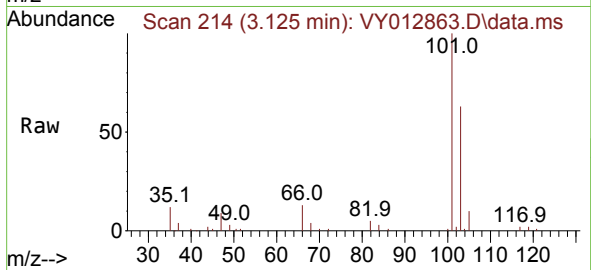




#7  
 Trichlorofluoromethane  
 Concen: 22.473 ug/l  
 RT: 3.125 min Scan# 214  
 Delta R.T. 0.000 min  
 Lab File: VY012863.D  
 Acq: 08 Mar 2023 12:08

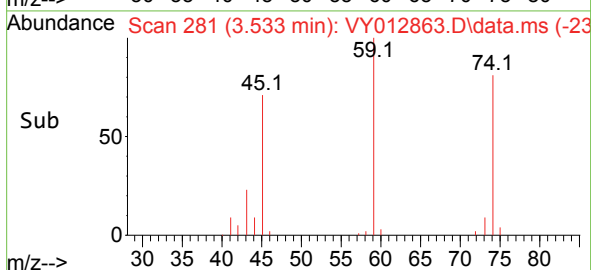
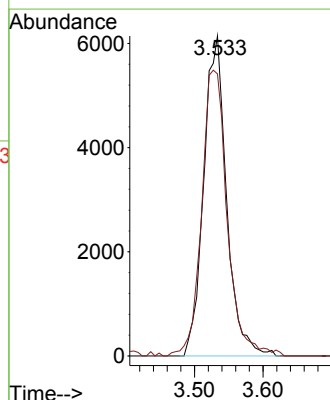
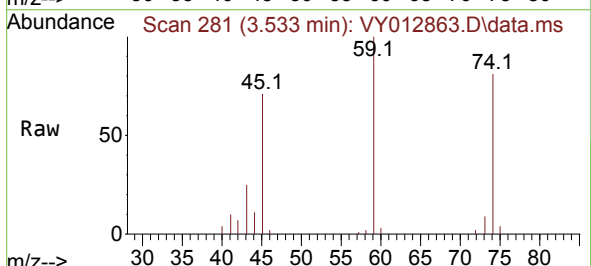
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0308SBS01

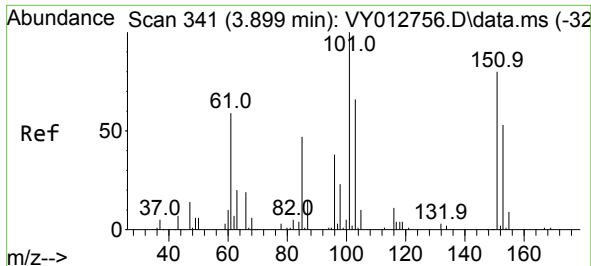
Tgt Ion:101 Resp: 40969  
 Ion Ratio Lower Upper  
 101 100  
 103 62.9 51.5 77.3



#8  
 Diethyl Ether  
 Concen: 22.326 ug/l  
 RT: 3.533 min Scan# 281  
 Delta R.T. 0.005 min  
 Lab File: VY012863.D  
 Acq: 08 Mar 2023 12:08

Tgt Ion: 74 Resp: 14263  
 Ion Ratio Lower Upper  
 74 100  
 45 99.9 52.1 156.4

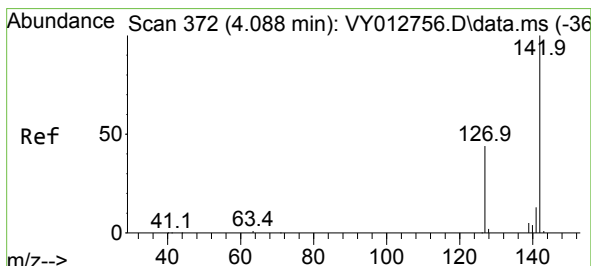
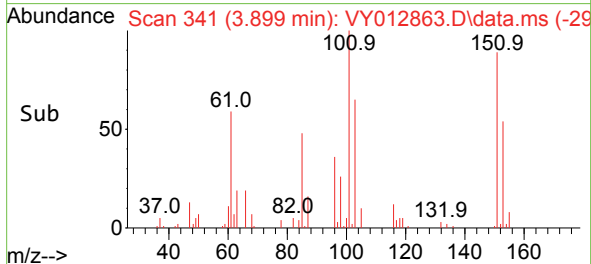
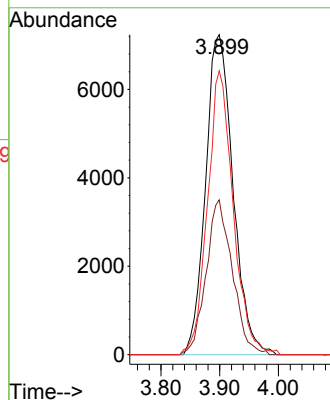
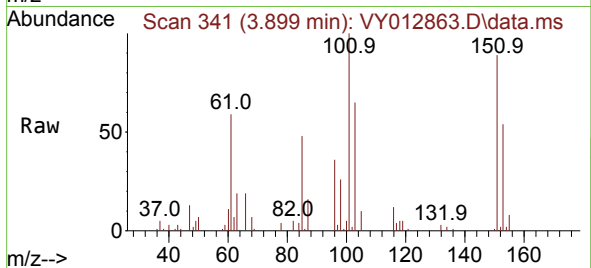




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.454 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

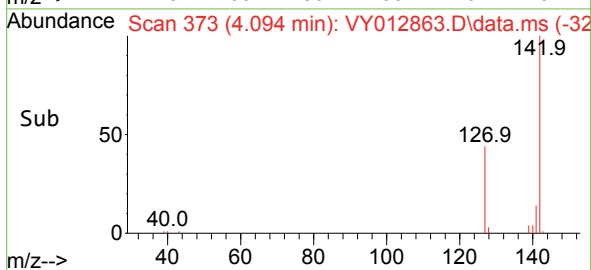
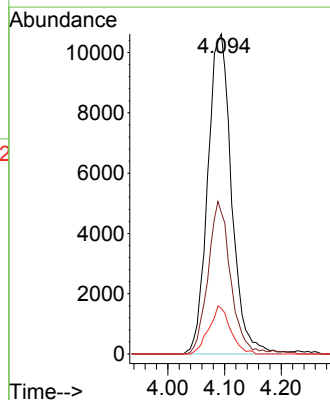
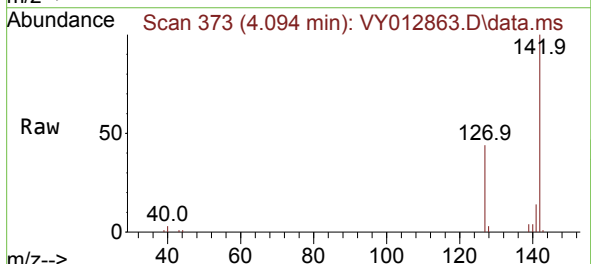
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBS01

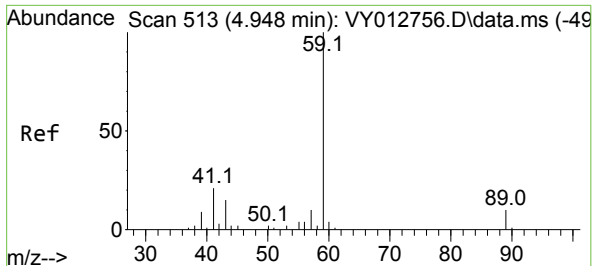
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 23531 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 46.2  | 35.3  | 52.9  |
| 151      | 83.2  | 63.1  | 94.7  |



#10  
Methyl Iodide  
Concen: 21.655 ug/l  
RT: 4.094 min Scan# 373  
Delta R.T. 0.006 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 30948 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 45.0  | 35.4  | 53.2  |
| 141      | 13.6  | 11.3  | 16.9  |

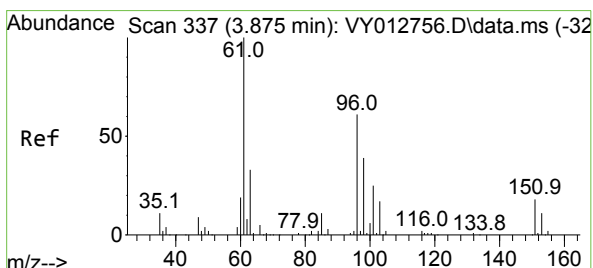
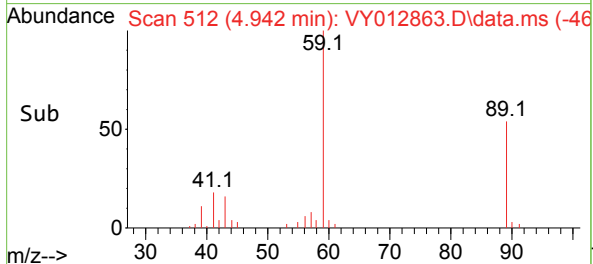
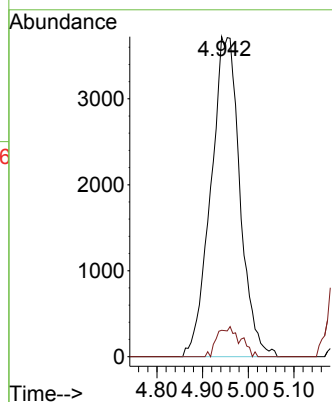
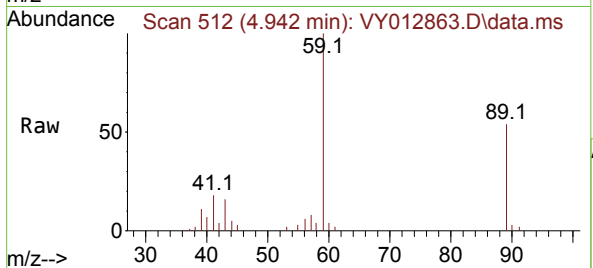




#11  
Tert butyl alcohol  
Concen: 132.438 ug/l  
RT: 4.942 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

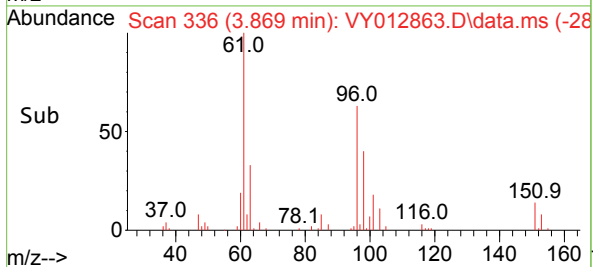
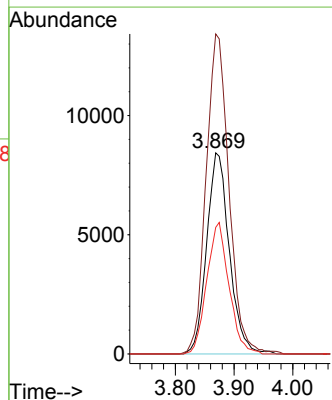
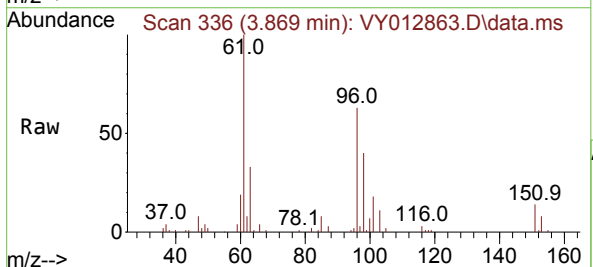
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBS01

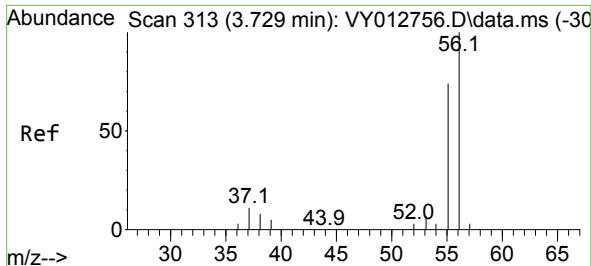
Tgt Ion: 59 Resp: 16461  
Ion Ratio Lower Upper  
59 100  
57 7.5 7.7 11.5#



#12  
1,1-Dichloroethene  
Concen: 21.621 ug/l  
RT: 3.869 min Scan# 336  
Delta R.T. -0.006 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

Tgt Ion: 96 Resp: 22617  
Ion Ratio Lower Upper  
96 100  
61 159.1 131.7 197.5  
98 62.9 52.0 78.0





#13

Acrolein

Concen: 99.138 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

Instrument :

MSVOA\_Y

ClientSampleId :

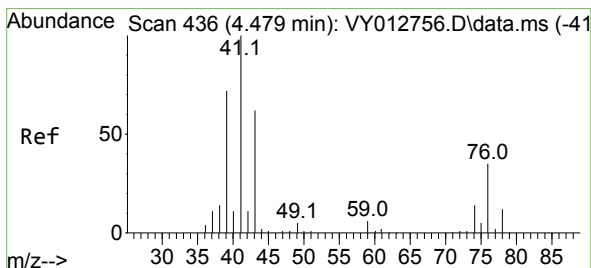
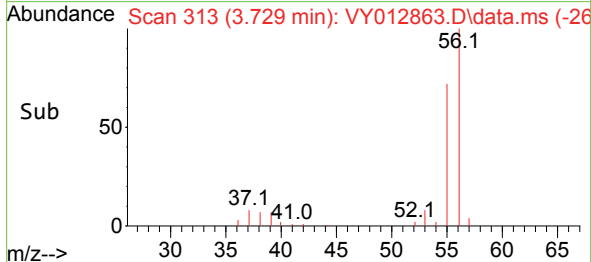
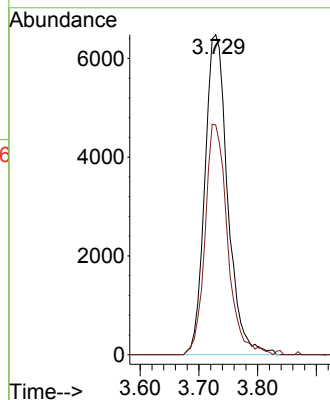
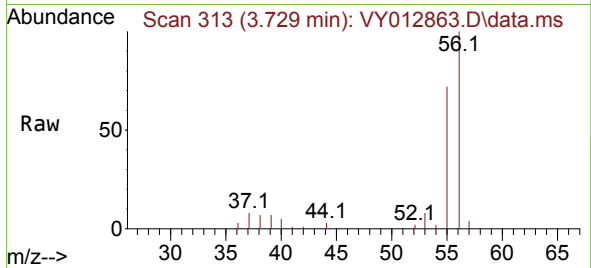
VY0308SBS01

Tgt Ion: 56 Resp: 17518

Ion Ratio Lower Upper

56 100

55 70.7 56.8 85.2



#14

Allyl chloride

Concen: 18.775 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

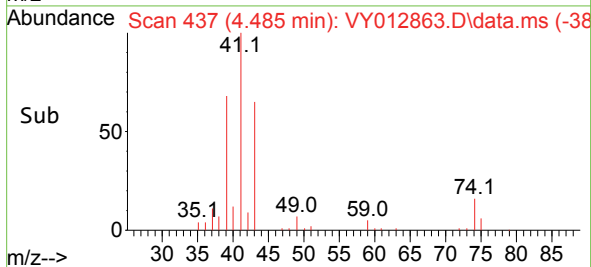
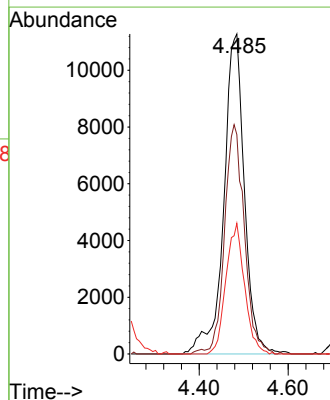
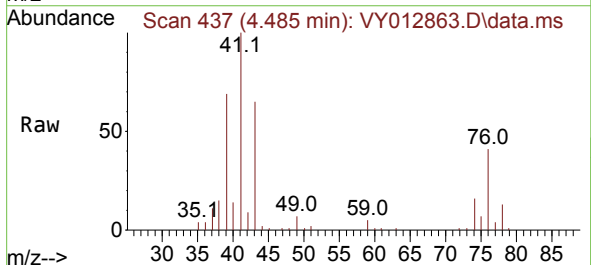
Tgt Ion: 41 Resp: 36279

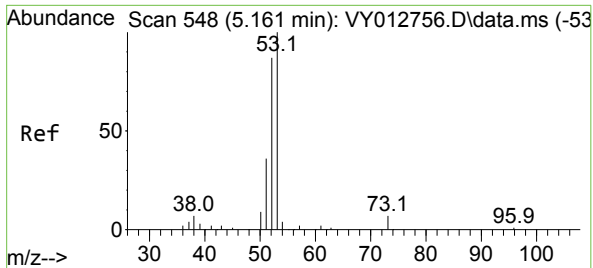
Ion Ratio Lower Upper

41 100

39 68.8 53.6 80.4

76 36.9 27.2 40.8

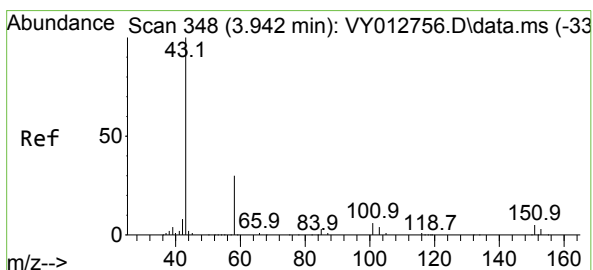
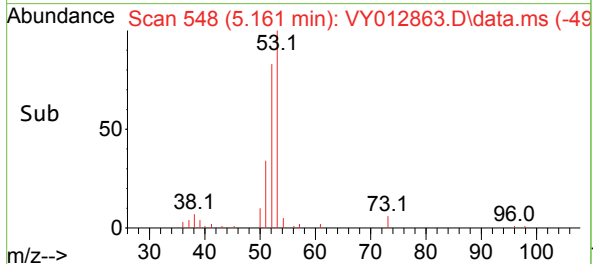
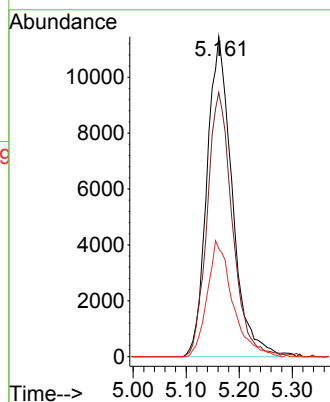
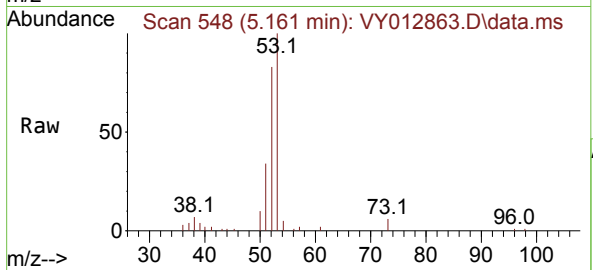




#15  
Acrylonitrile  
Concen: 112.007 ug/l  
RT: 5.161 min Scan# 548  
Delta R.T. 0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

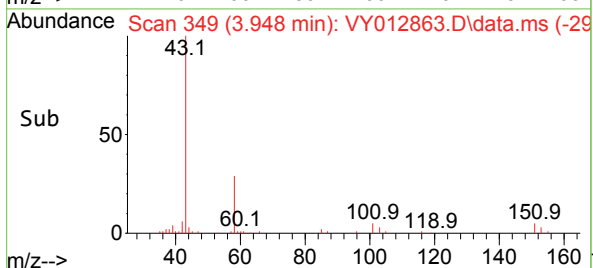
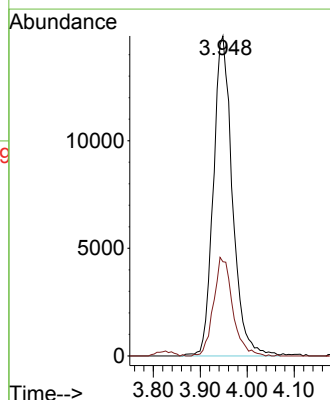
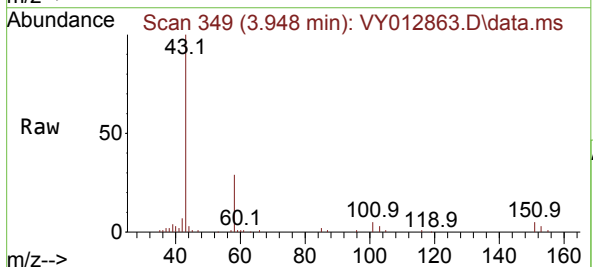
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBS01

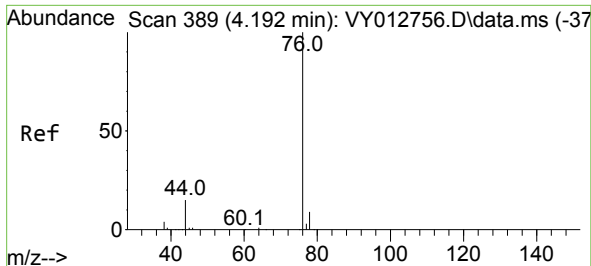
|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 37703 |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 82.8     | 66.3 99.5   |
| 51 36.6     | 28.8 43.2   |



#16  
Acetone  
Concen: 105.980 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. 0.006 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 41955 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 29.5     | 24.2 36.2   |

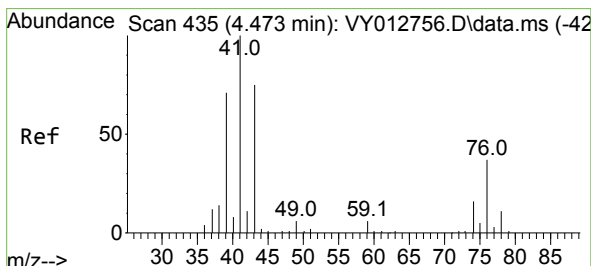
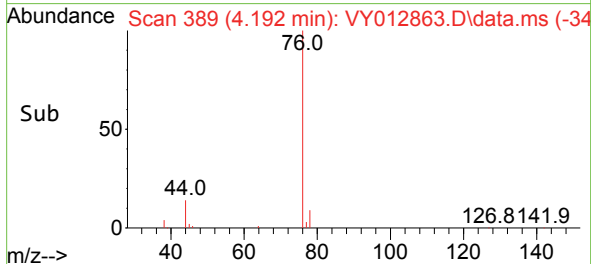
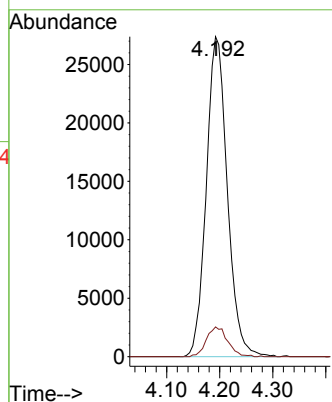
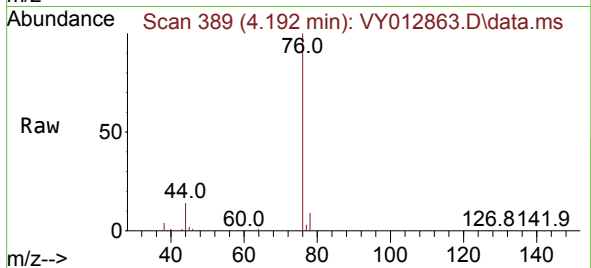




#17  
Carbon Disulfide  
Concen: 21.189 ug/l  
RT: 4.192 min Scan# 389  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

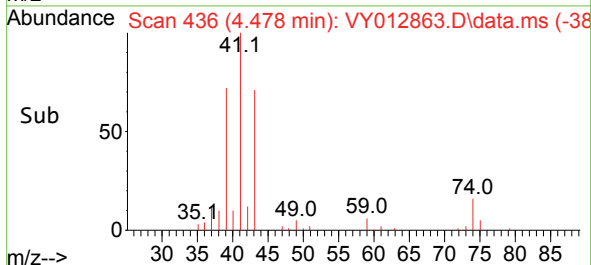
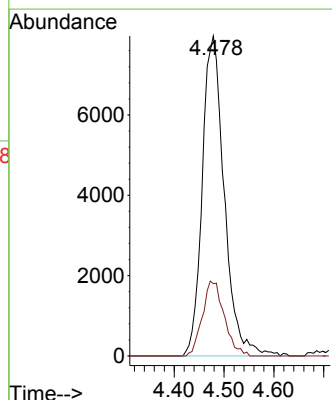
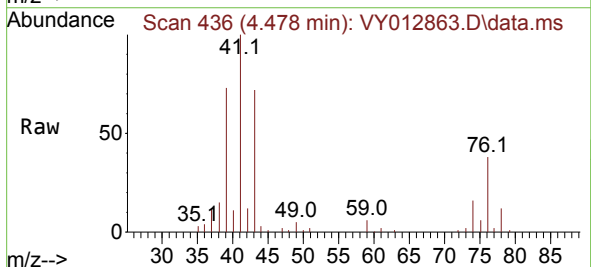
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBSD01

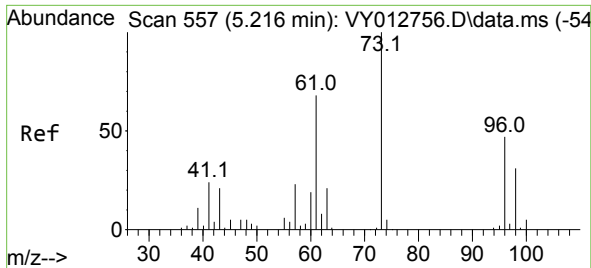
Tgt Ion: 76 Resp: 75446  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.1 10.7



#18  
Methyl Acetate  
Concen: 20.728 ug/l  
RT: 4.478 min Scan# 436  
Delta R.T. 0.005 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

Tgt Ion: 43 Resp: 24436  
Ion Ratio Lower Upper  
43 100  
74 23.2 17.4 26.0

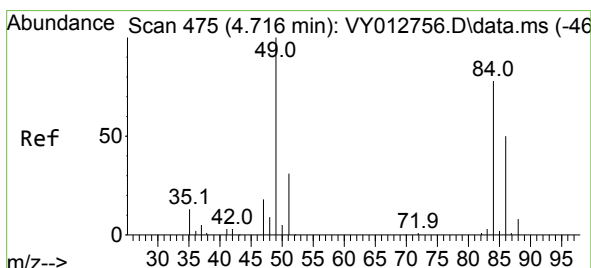
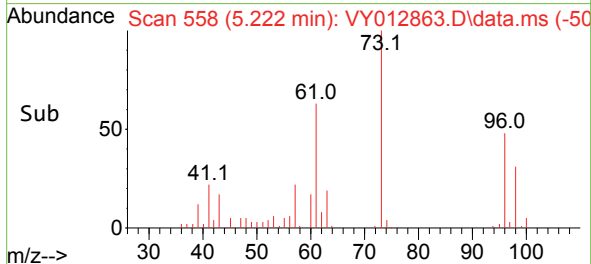
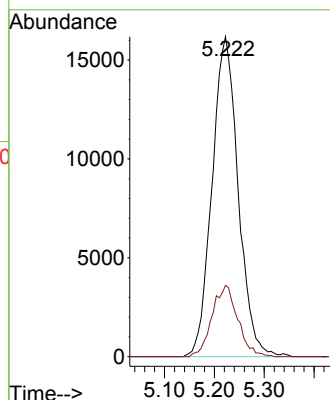
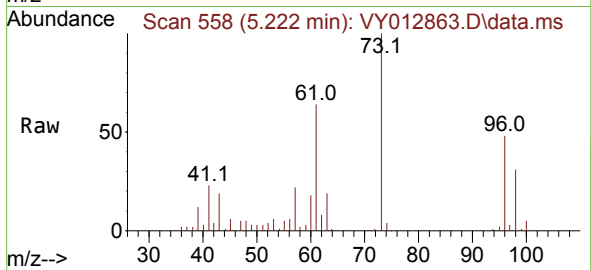




#19  
Methyl tert-butyl Ether  
Concen: 21.783 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

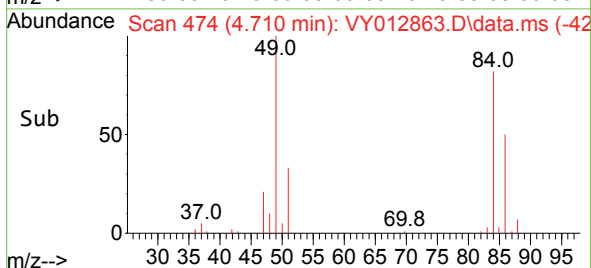
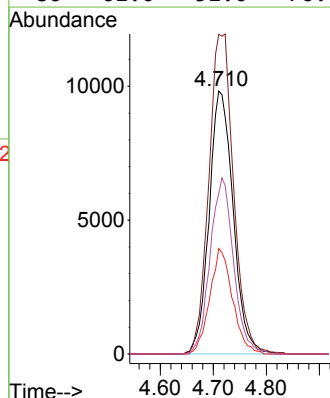
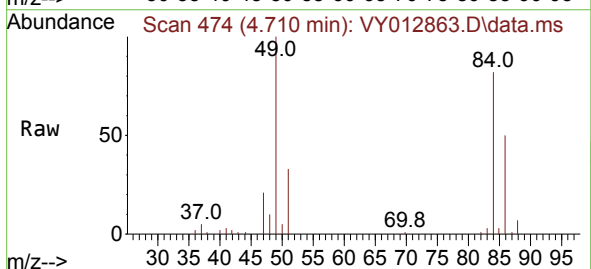
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBS01

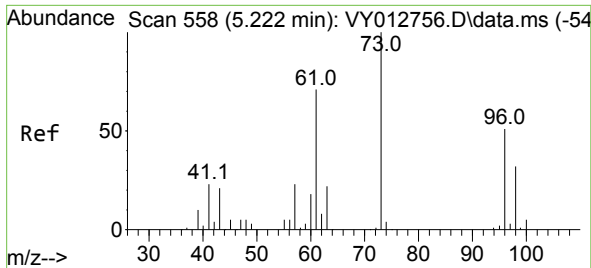
Tgt Ion: 73 Resp: 58856  
Ion Ratio Lower Upper  
73 100  
57 22.3 18.3 27.5



#20  
Methylene Chloride  
Concen: 22.672 ug/l  
RT: 4.710 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

Tgt Ion: 84 Resp: 30936  
Ion Ratio Lower Upper  
84 100  
49 121.6 102.6 154.0  
51 40.1 31.9 47.9  
86 61.0 51.0 76.6

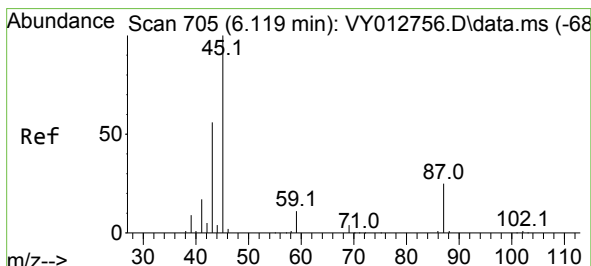
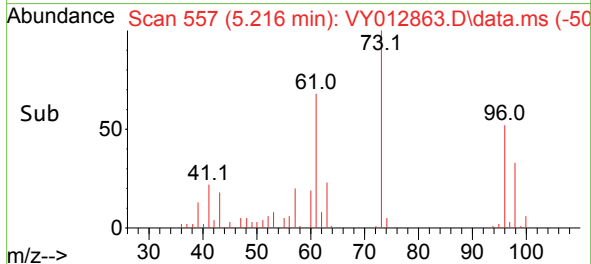
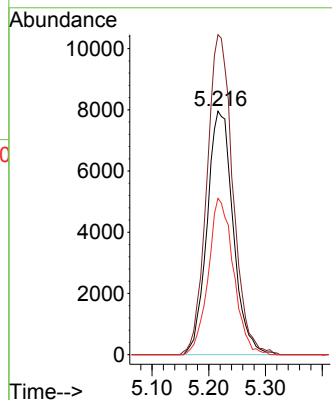
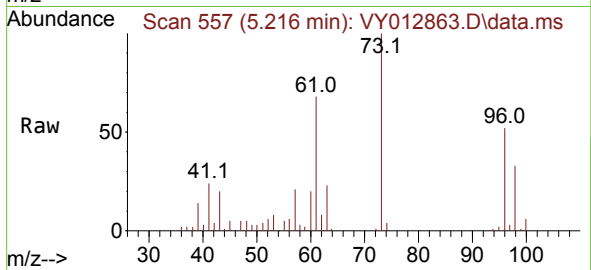




#21  
trans-1,2-Dichloroethene  
Concen: 22.354 ug/l  
RT: 5.216 min Scan# 511  
Delta R.T. -0.006 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

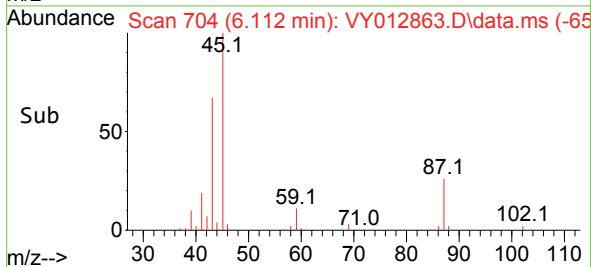
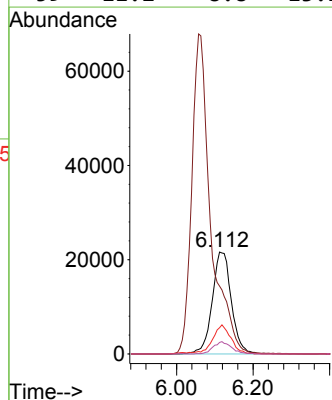
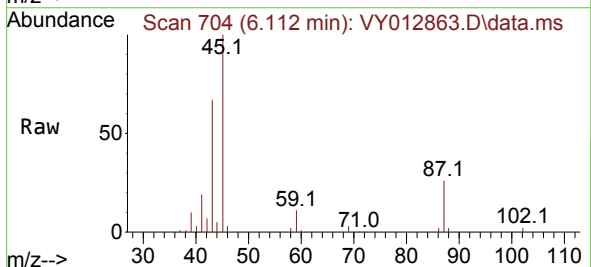
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBS01

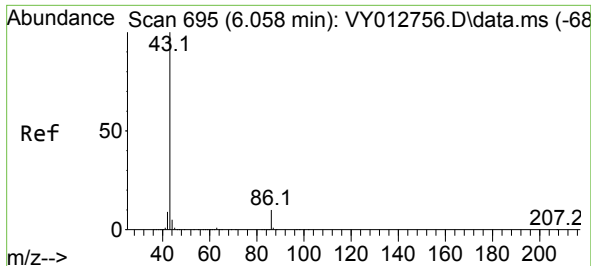
Tgt Ion: 96 Resp: 25412  
Ion Ratio Lower Upper  
96 100  
61 131.4 111.4 167.0  
98 64.2 50.8 76.2



#22  
Diisopropyl ether  
Concen: 21.420 ug/l  
RT: 6.112 min Scan# 704  
Delta R.T. -0.007 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

Tgt Ion: 45 Resp: 75175  
Ion Ratio Lower Upper  
45 100  
43 66.0 45.0 67.6  
87 25.7 20.3 30.5  
59 11.2 8.8 13.2

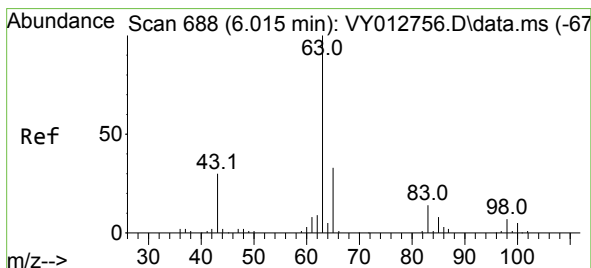
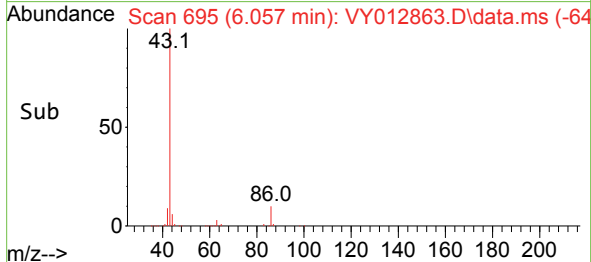
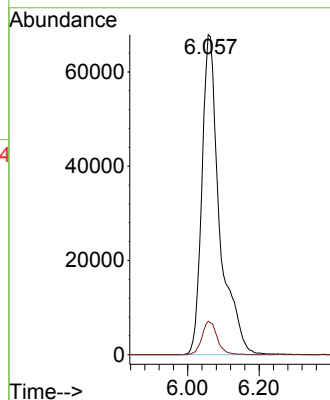
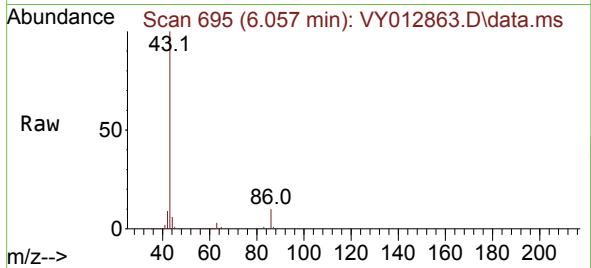




#23  
 Vinyl Acetate  
 Concen: 106.993 ug/l  
 RT: 6.057 min Scan# 695  
 Delta R.T. -0.001 min  
 Lab File: VY012863.D  
 Acq: 08 Mar 2023 12:08

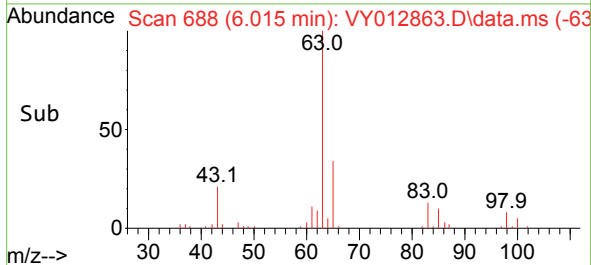
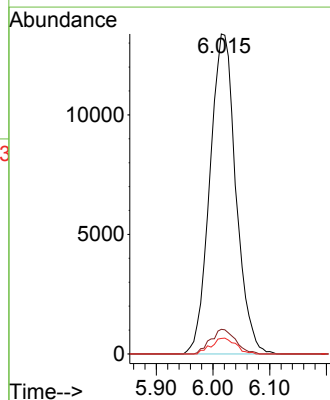
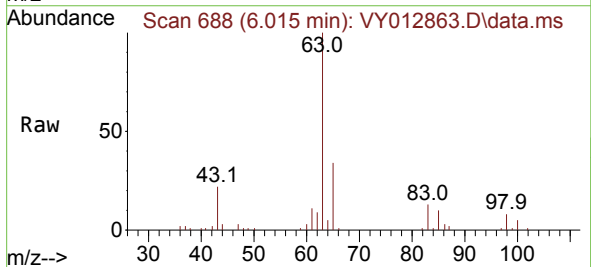
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0308SBS01

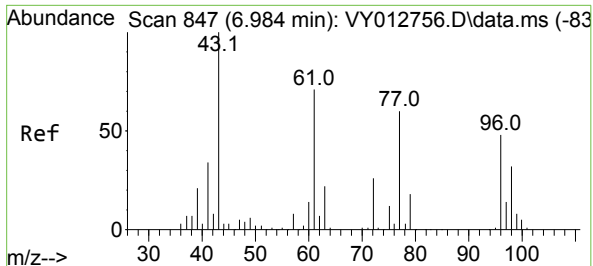
Tgt Ion: 43 Resp: 233317  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 21.297 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. -0.000 min  
 Lab File: VY012863.D  
 Acq: 08 Mar 2023 12:08

Tgt Ion: 63 Resp: 42592  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 3.7 11.1  
 100 4.8 2.3 6.8





#25

2-Butanone

Concen: 109.786 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

Instrument :

MSVOA\_Y

ClientSampleId :

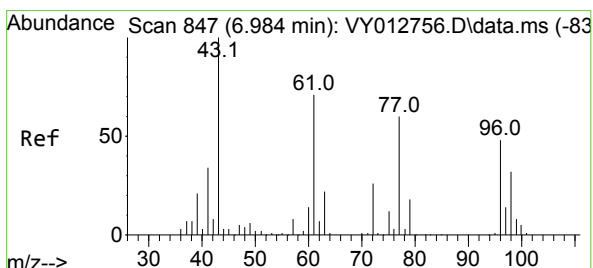
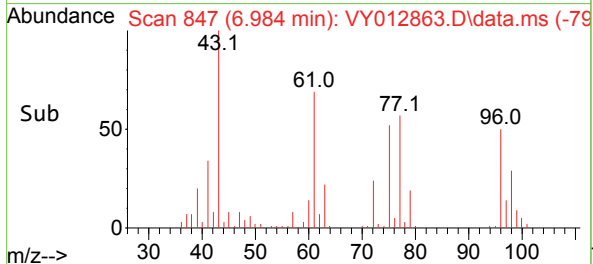
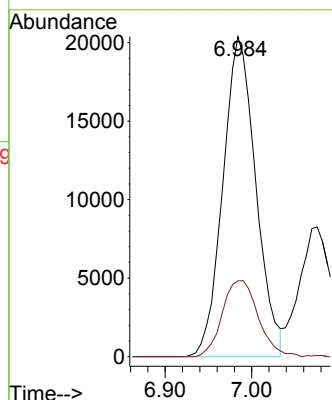
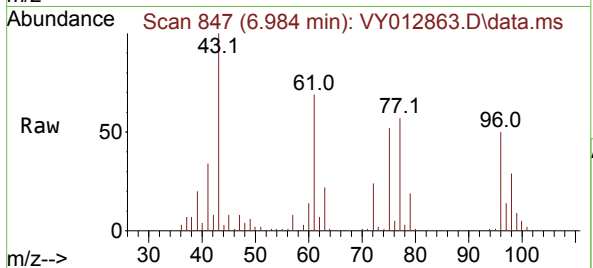
VY0308SBS01

Tgt Ion: 43 Resp: 53831

Ion Ratio Lower Upper

43 100

72 23.7 21.0 31.4



#26

2,2-Dichloropropane

Concen: 21.357 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012863.D

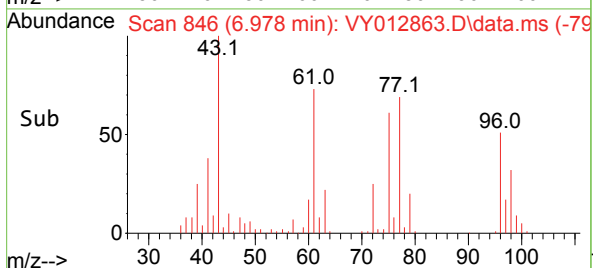
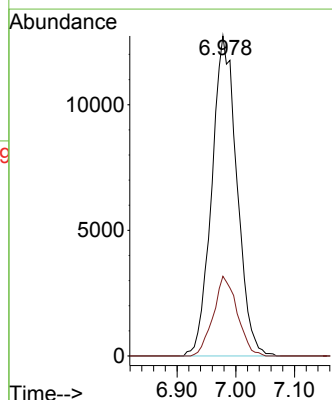
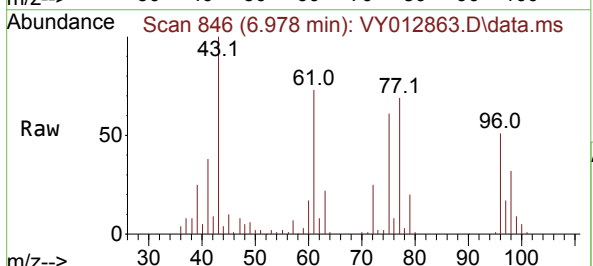
Acq: 08 Mar 2023 12:08

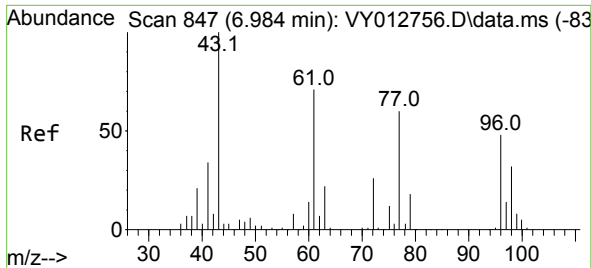
Tgt Ion: 77 Resp: 37935

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.0

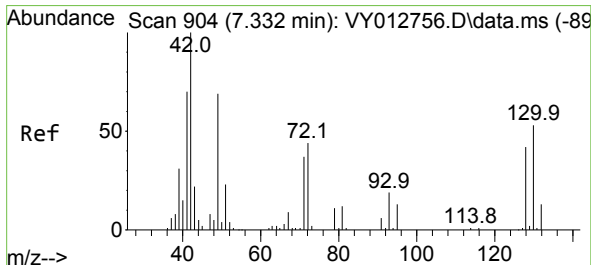
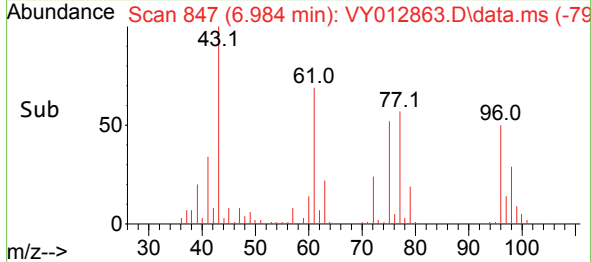
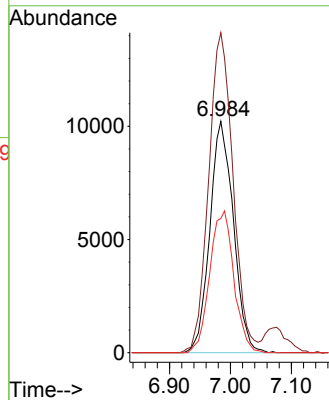
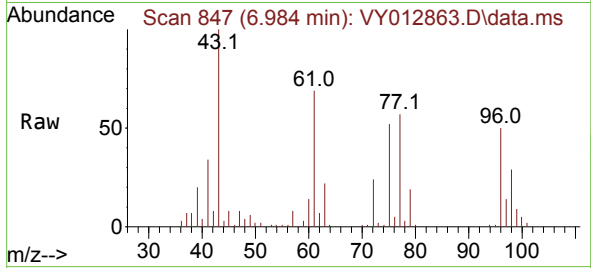




#27  
 cis-1,2-Dichloroethene  
 Concen: 22.555 ug/l  
 RT: 6.984 min Scan# 847  
 Delta R.T. 0.000 min  
 Lab File: VY012863.D  
 Acq: 08 Mar 2023 12:08

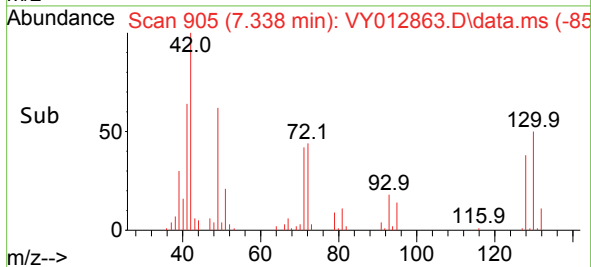
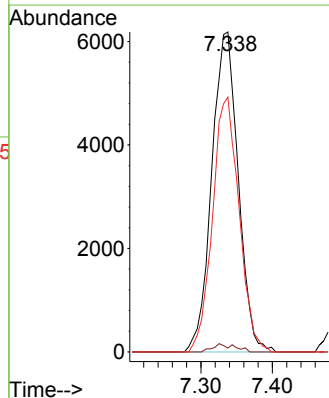
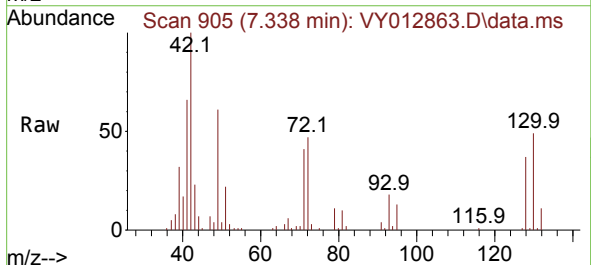
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0308SBS01

|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 27489 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 142.8    | 0.0 295.8   |
| 98 62.7     | 0.0 130.2   |



#28  
 Bromochloromethane  
 Concen: 21.747 ug/l  
 RT: 7.338 min Scan# 905  
 Delta R.T. 0.006 min  
 Lab File: VY012863.D  
 Acq: 08 Mar 2023 12:08

|             |             |
|-------------|-------------|
| Tgt Ion: 49 | Resp: 15894 |
| Ion Ratio   | Lower Upper |
| 49 100      |             |
| 129 1.3     | 0.0 4.2     |
| 130 79.8    | 60.5 90.7   |





#29

Tetrahydrofuran

Concen: 109.993 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

Instrument :

MSVOA\_Y

ClientSampleId :

VY0308SBS01

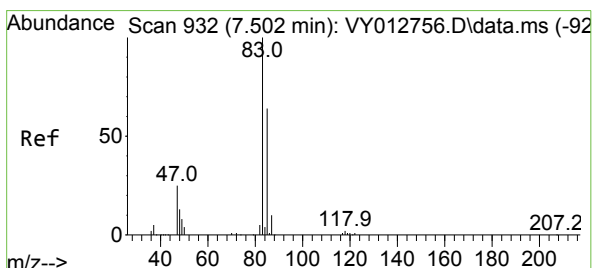
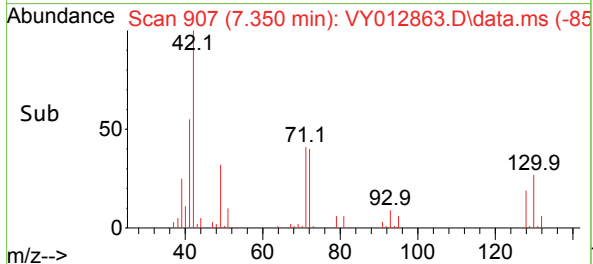
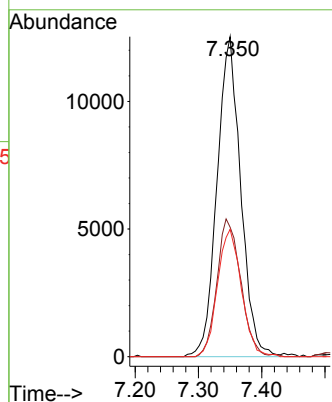
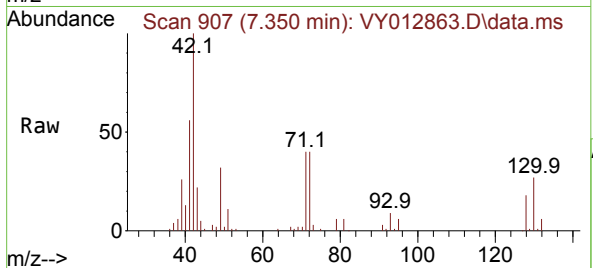
Tgt Ion: 42 Resp: 32528

Ion Ratio Lower Upper

42 100

72 43.3 32.3 48.5

71 40.3 30.3 45.5



#30

Chloroform

Concen: 22.439 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY012863.D

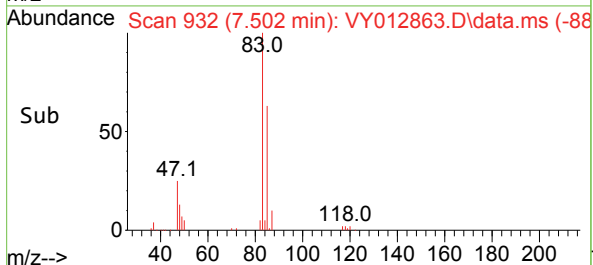
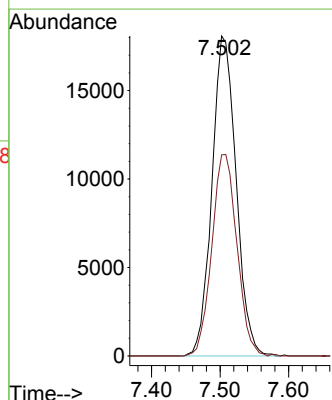
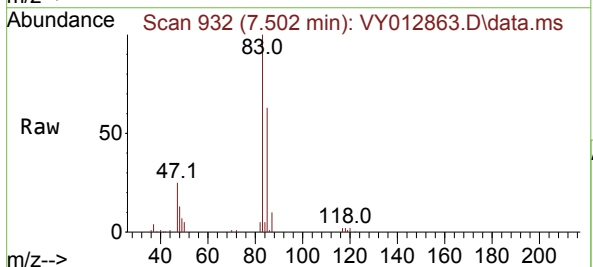
Acq: 08 Mar 2023 12:08

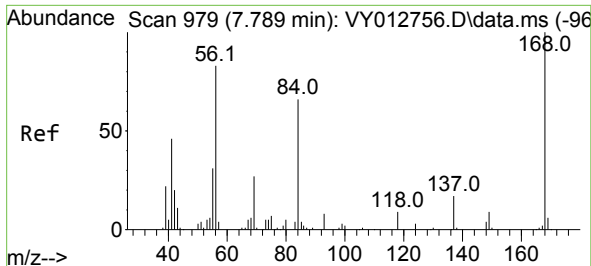
Tgt Ion: 83 Resp: 44327

Ion Ratio Lower Upper

83 100

85 62.9 51.4 77.0

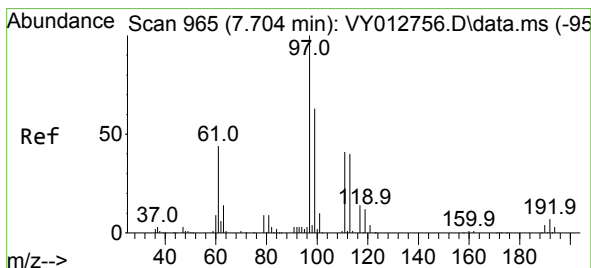
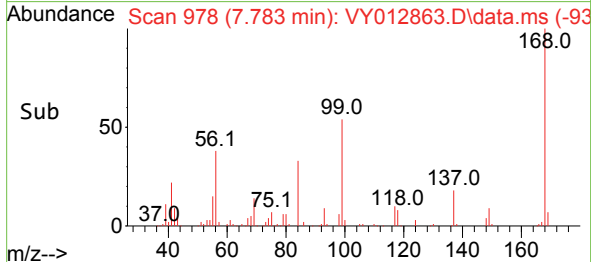
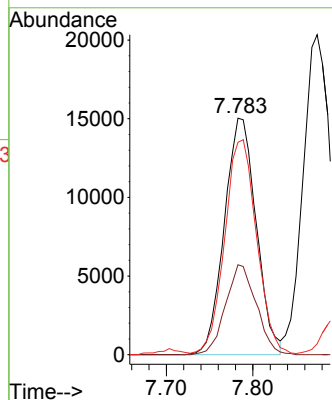
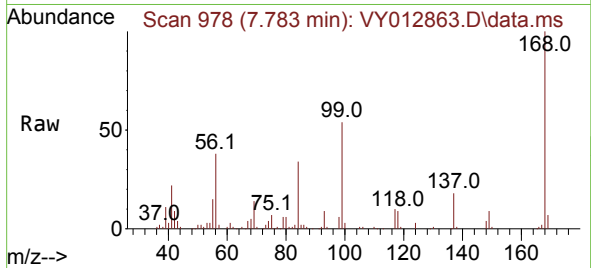




#31  
Cyclohexane  
Concen: 19.908 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

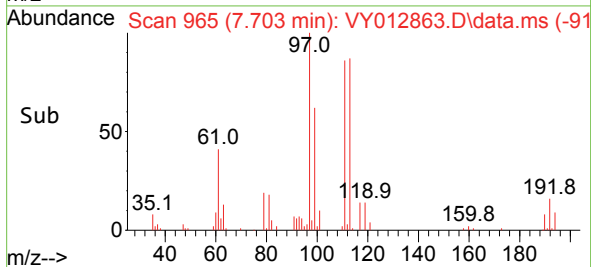
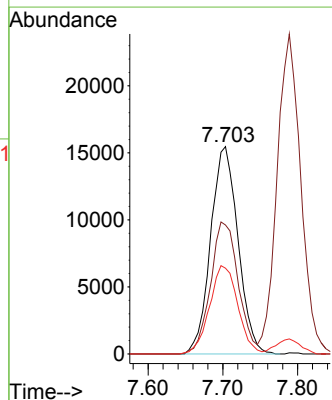
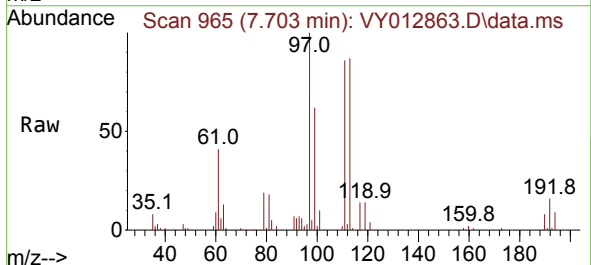
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBS01

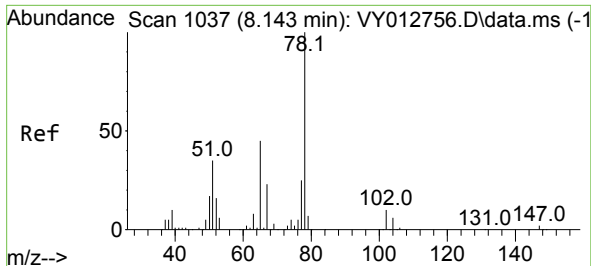
Tgt Ion: 56 Resp: 38455  
Ion Ratio Lower Upper  
56 100  
69 38.1 25.7 38.5  
84 88.4 64.3 96.5



#32  
1,1,1-Trichloroethane  
Concen: 22.053 ug/l  
RT: 7.703 min Scan# 965  
Delta R.T. -0.001 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

Tgt Ion: 97 Resp: 39396  
Ion Ratio Lower Upper  
97 100  
99 64.5 51.0 76.6  
61 43.9 34.5 51.7

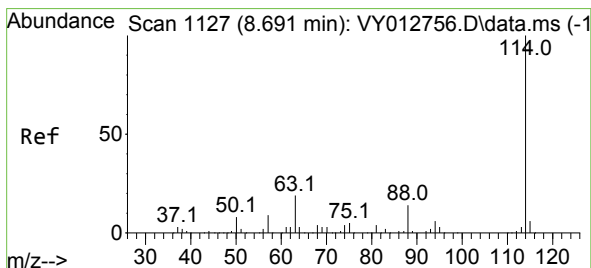
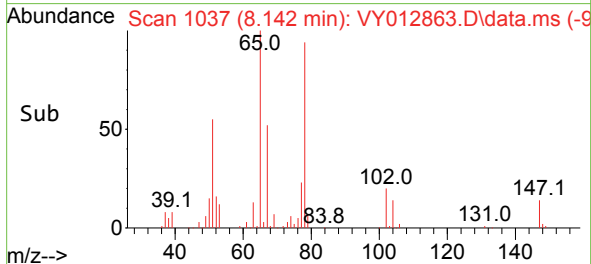
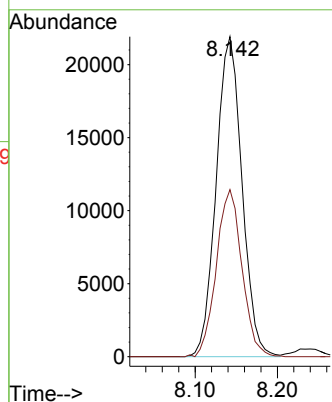
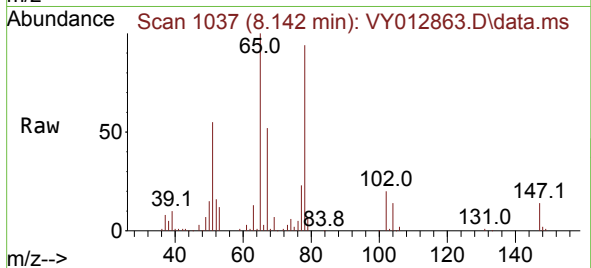




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.436 ug/l  
 RT: 8.142 min Scan# 1037  
 Delta R.T. -0.001 min  
 Lab File: VY012863.D  
 Acq: 08 Mar 2023 12:08

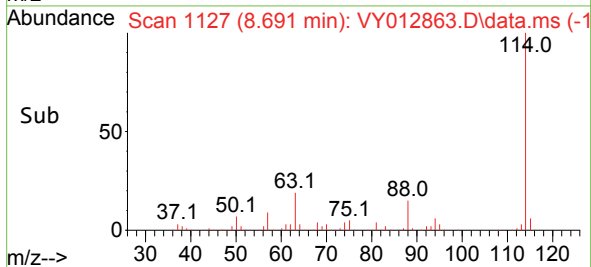
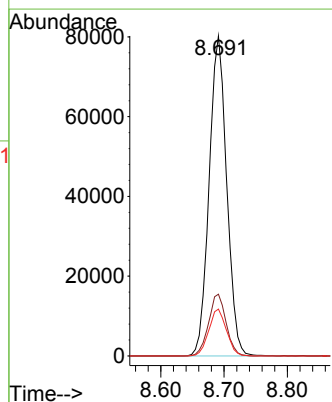
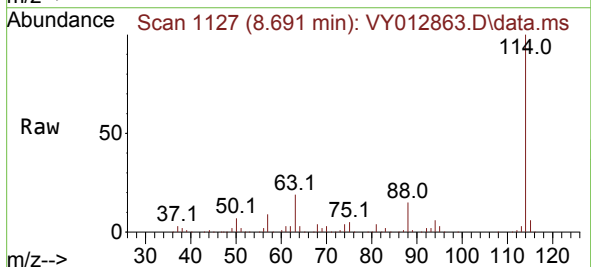
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0308SBS01

Tgt Ion: 65 Resp: 47843  
 Ion Ratio Lower Upper  
 65 100  
 67 51.7 0.0 104.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.691 min Scan# 1127  
 Delta R.T. -0.000 min  
 Lab File: VY012863.D  
 Acq: 08 Mar 2023 12:08

Tgt Ion: 114 Resp: 154778  
 Ion Ratio Lower Upper  
 114 100  
 63 19.3 0.0 37.4  
 88 14.7 0.0 28.6

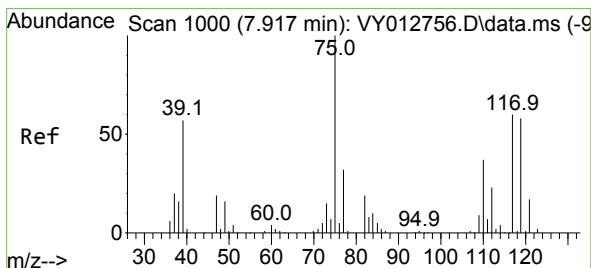
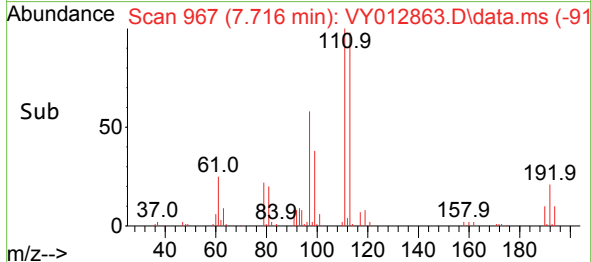
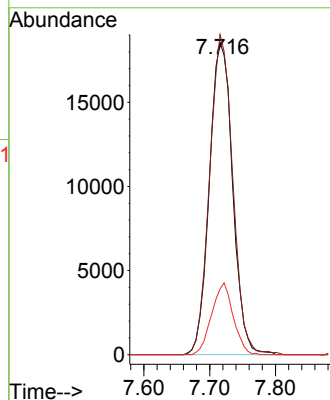
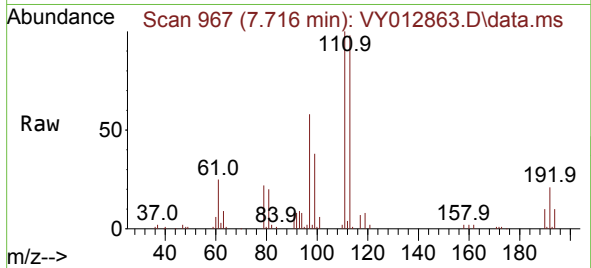




#35  
Dibromofluoromethane  
Concen: 48.906 ug/l  
RT: 7.716 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

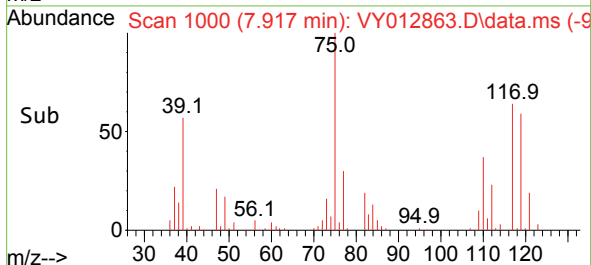
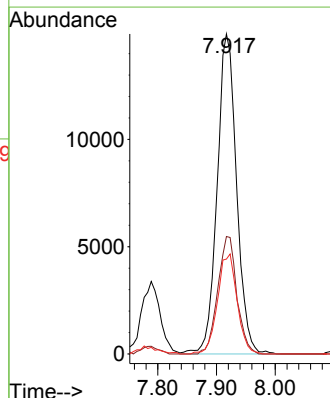
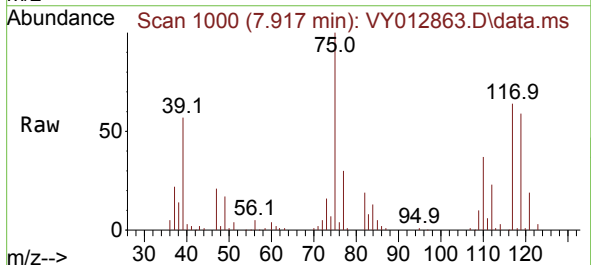
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBS01

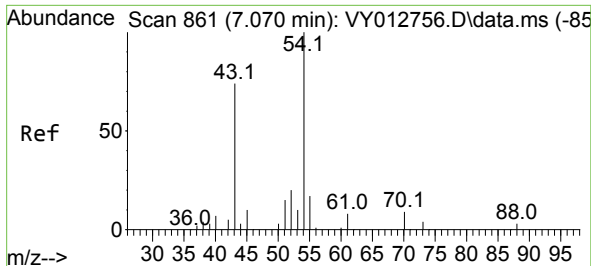
Tgt Ion:113 Resp: 45682  
Ion Ratio Lower Upper  
113 100  
111 102.0 82.2 123.2  
192 21.3 16.8 25.2



#36  
1,1-Dichloropropene  
Concen: 21.908 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

Tgt Ion: 75 Resp: 34293  
Ion Ratio Lower Upper  
75 100  
110 36.0 17.8 53.3  
77 31.5 25.0 37.4





#37

Ethyl Acetate

Concen: 22.836 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

Instrument :

MSVOA\_Y

ClientSampleId :

VY0308SBS01

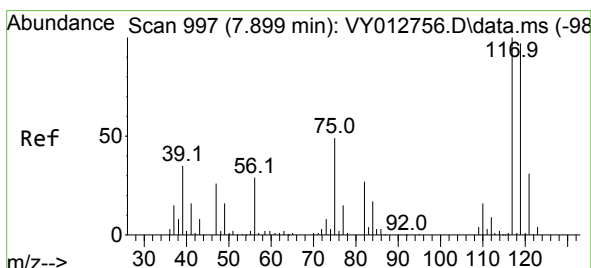
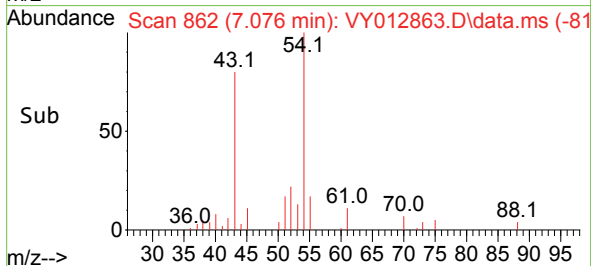
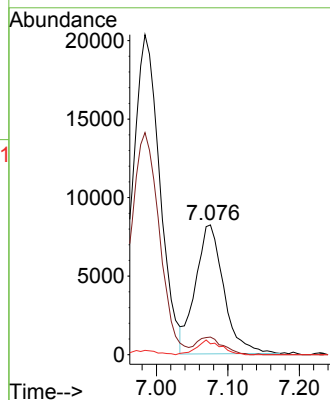
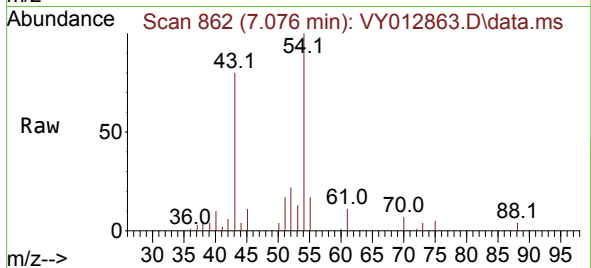
Tgt Ion: 43 Resp: 22530

Ion Ratio Lower Upper

43 100

61 12.8 10.7 16.1

70 9.5 7.8 11.8



#38

Carbon Tetrachloride

Concen: 22.459 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

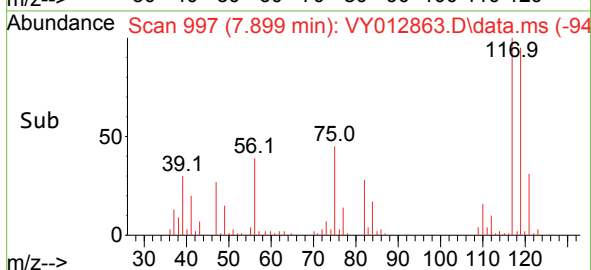
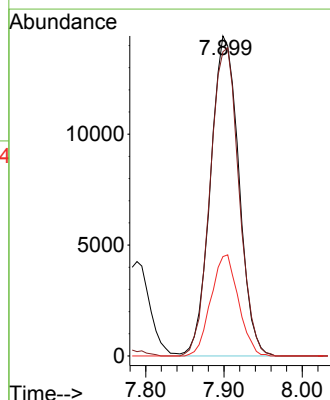
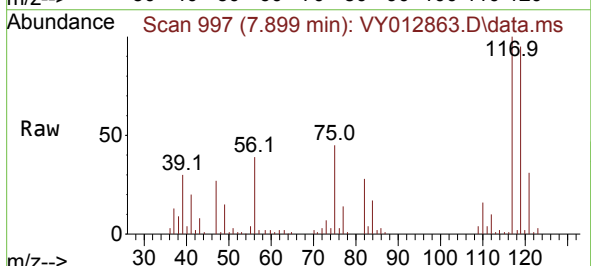
Tgt Ion: 117 Resp: 36304

Ion Ratio Lower Upper

117 100

119 95.1 77.2 115.8

121 31.0 24.7 37.1





#39

Methylcyclohexane

Concen: 20.562 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

Instrument :

MSVOA\_Y

ClientSampleId :

VY0308SBS01

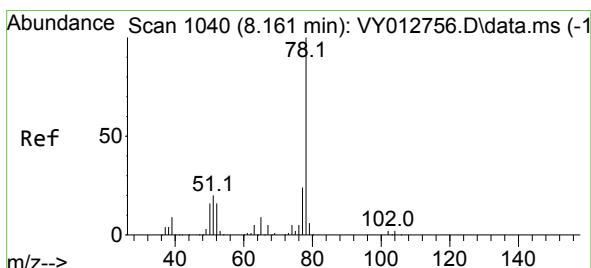
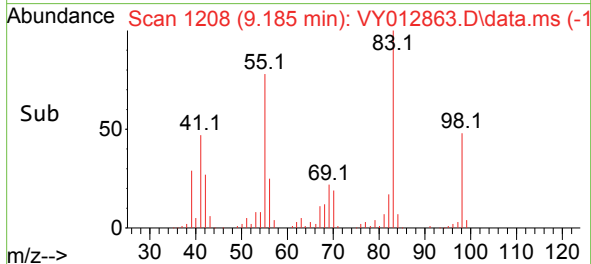
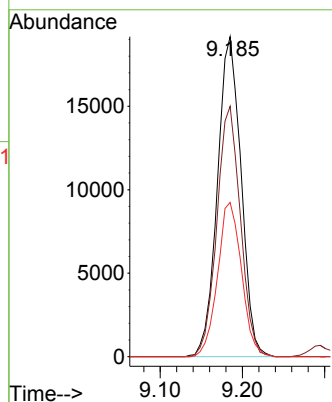
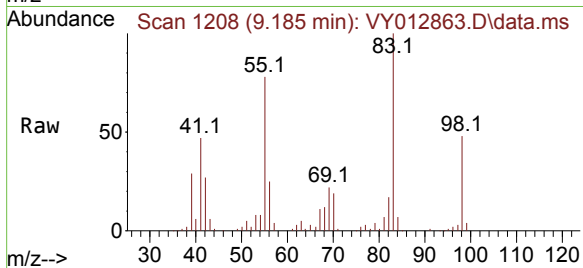
Tgt Ion: 83 Resp: 38265

Ion Ratio Lower Upper

83 100

55 78.2 60.0 90.0

98 48.2 38.3 57.5



#40

Benzene

Concen: 22.313 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012863.D

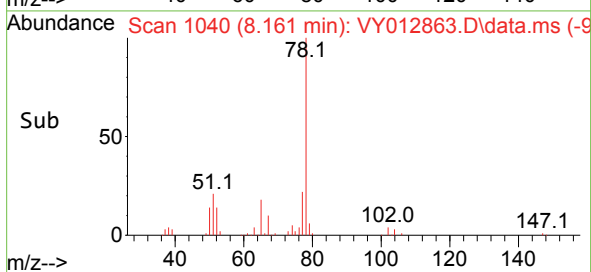
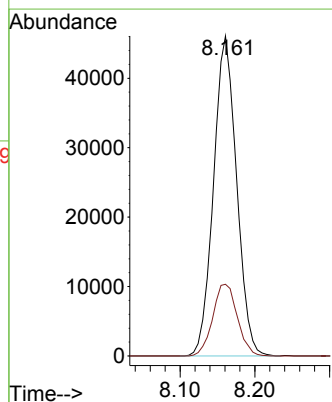
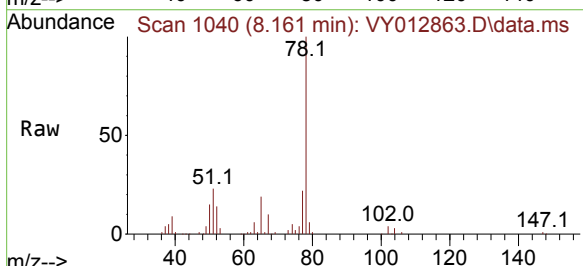
Acq: 08 Mar 2023 12:08

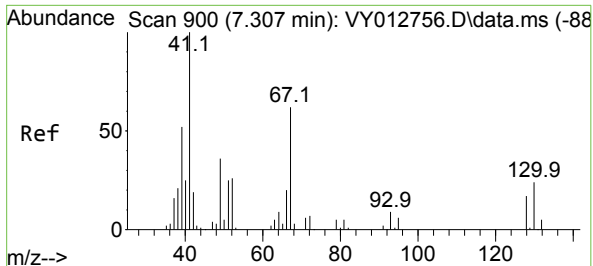
Tgt Ion: 78 Resp: 98801

Ion Ratio Lower Upper

78 100

77 22.4 19.4 29.0

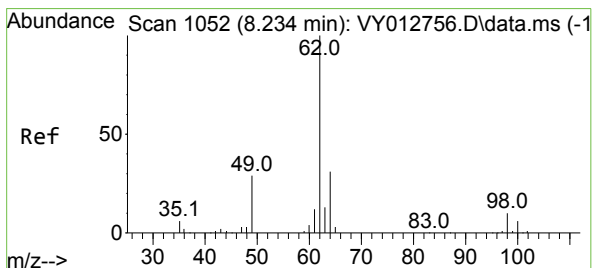
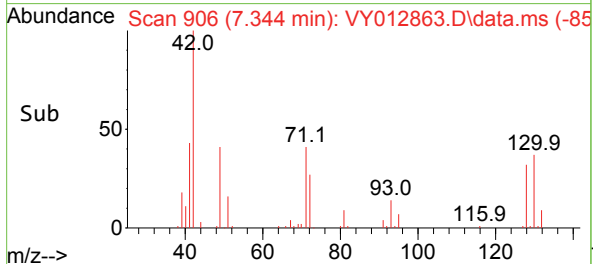
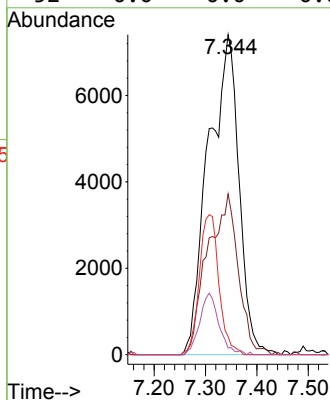
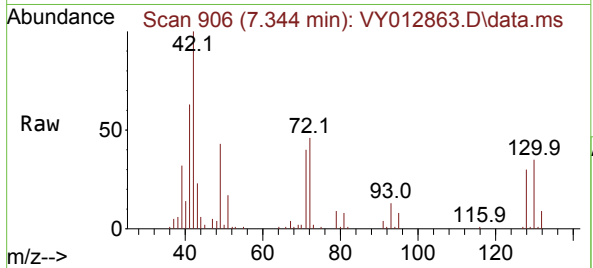




#41  
Methacrylonitrile  
Concen: 57.325 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. 0.036 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

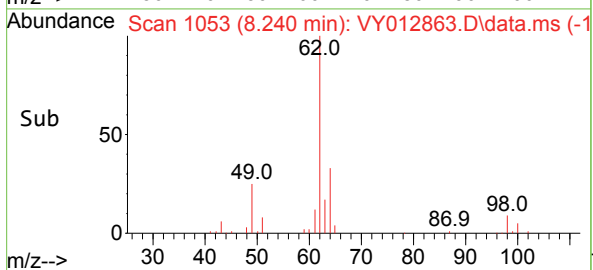
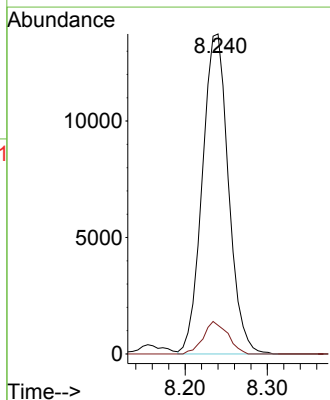
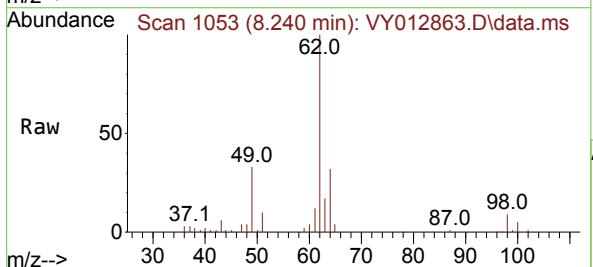
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBSD01

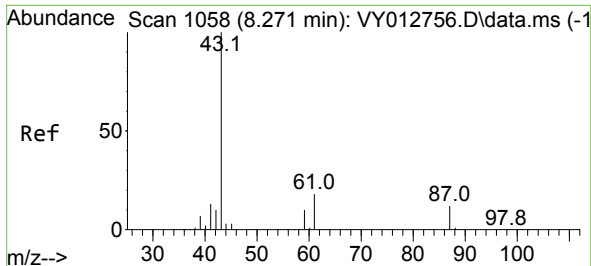
Tgt Ion: 41 Resp: 30471  
Ion Ratio Lower Upper  
41 100  
39 50.5 0.0 0.0#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 22.832 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.006 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

Tgt Ion: 62 Resp: 30394  
Ion Ratio Lower Upper  
62 100  
98 9.5 0.0 18.8

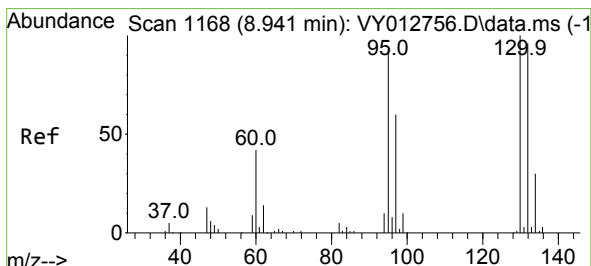
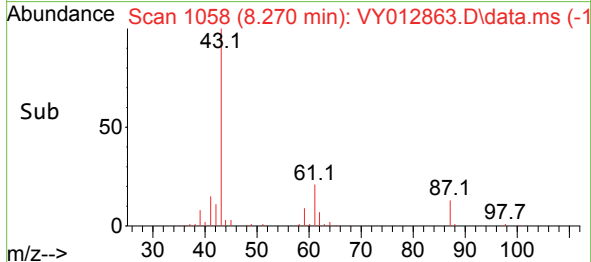
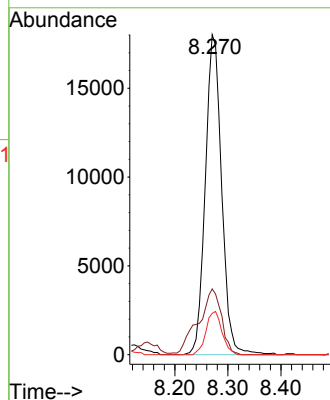
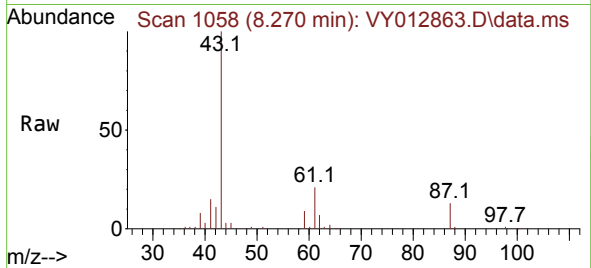




#43  
Isopropyl Acetate  
Concen: 21.906 ug/l  
RT: 8.270 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

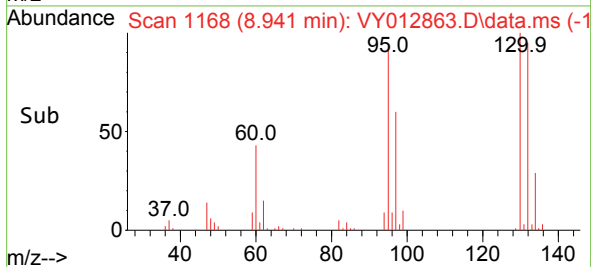
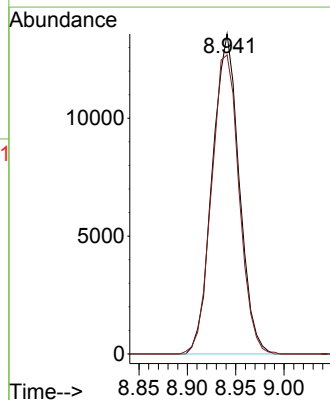
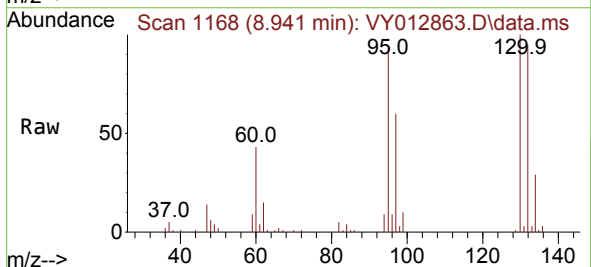
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBS01

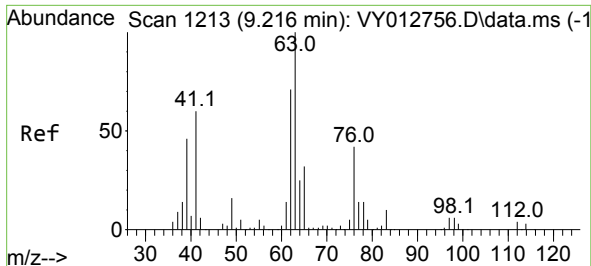
Tgt Ion: 43 Resp: 38559  
Ion Ratio Lower Upper  
43 100  
61 29.1 21.6 32.4  
87 13.2 9.9 14.9



#44  
Trichloroethene  
Concen: 22.407 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

Tgt Ion:130 Resp: 26158  
Ion Ratio Lower Upper  
130 100  
95 93.5 0.0 185.0





#45

1,2-Dichloropropane

Concen: 21.675 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

Instrument :

MSVOA\_Y

ClientSampleId :

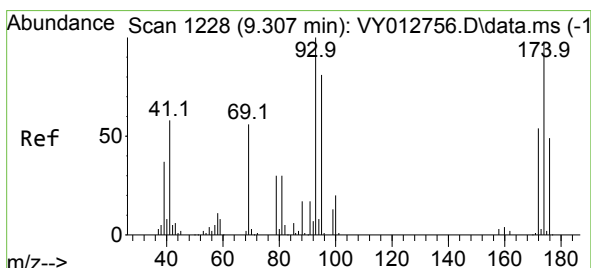
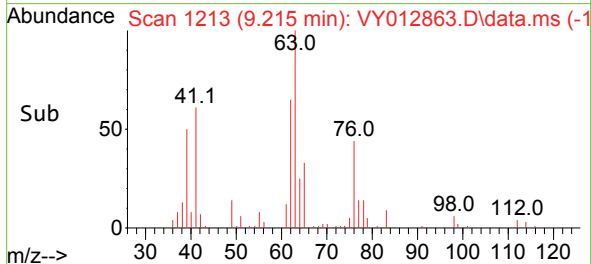
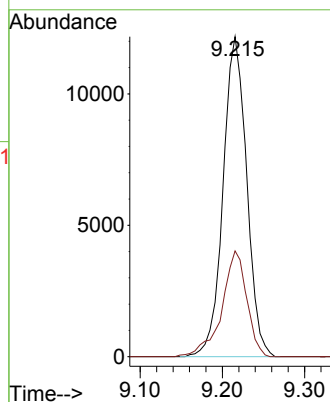
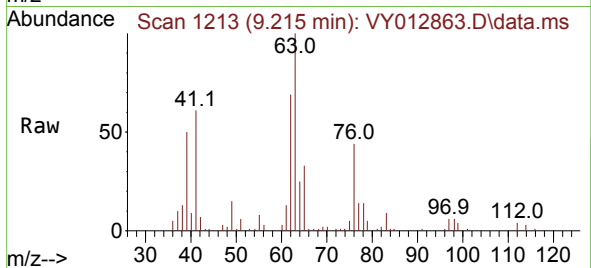
VY0308SBS01

Tgt Ion: 63 Resp: 24255

Ion Ratio Lower Upper

63 100

65 33.1 25.7 38.5



#46

Dibromomethane

Concen: 23.375 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

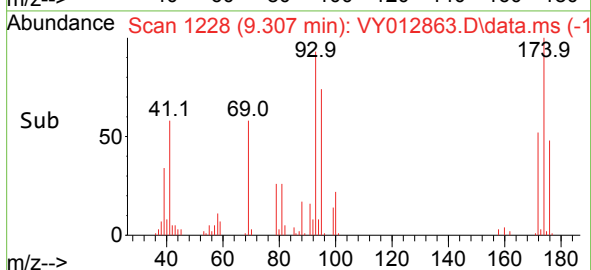
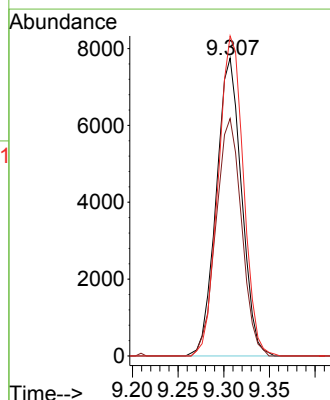
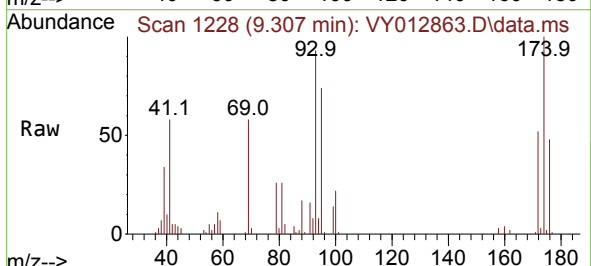
Tgt Ion: 93 Resp: 14902

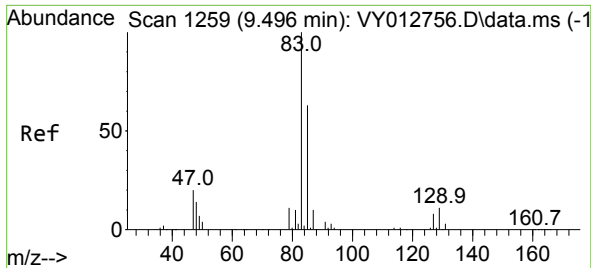
Ion Ratio Lower Upper

93 100

95 80.6 65.6 98.4

174 107.6 81.3 121.9

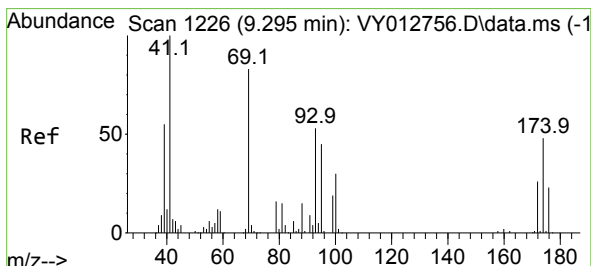
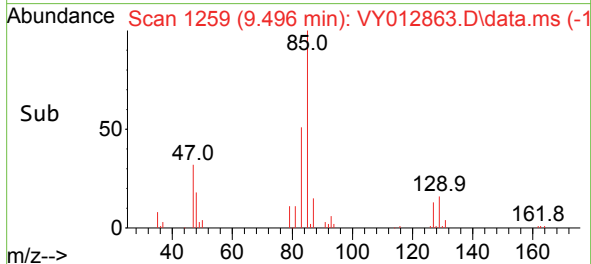
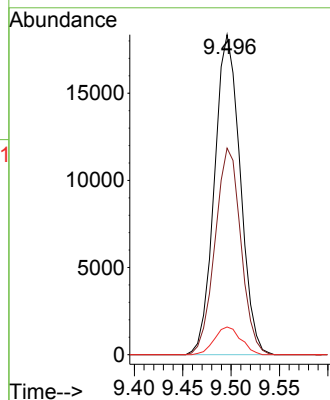
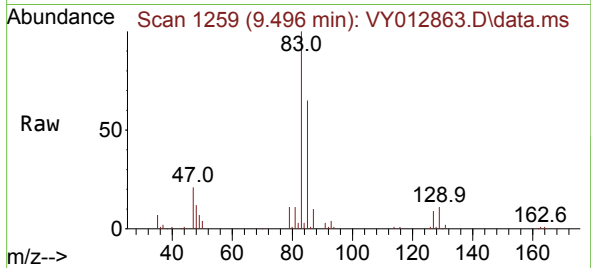




#47  
Bromodichloromethane  
Concen: 22.596 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

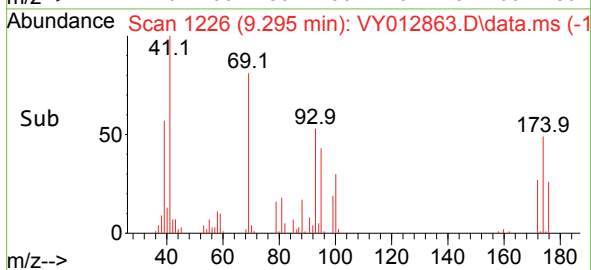
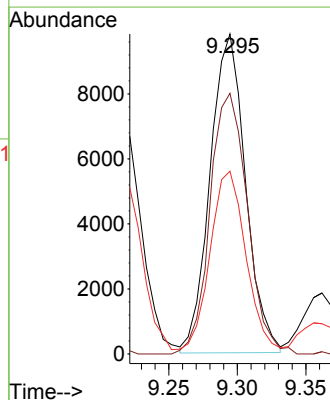
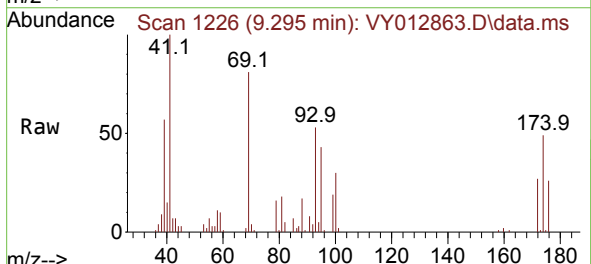
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBSD01

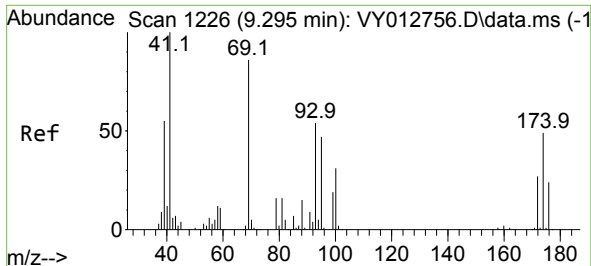
|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 33946 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 64.5     | 50.2 75.4   |
| 127 8.6     | 6.3 9.5     |



#48  
Methyl methacrylate  
Concen: 21.753 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion: 41 | Resp: | 17643 |       |
| Ion         | Ratio | Lower | Upper |
| 41          | 100   |       |       |
| 69          | 86.1  | 64.1  | 96.1  |
| 39          | 56.3  | 44.0  | 66.0  |





#49

1,4-Dioxane

Concen: 504.034 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

Instrument :

MSVOA\_Y

ClientSampleId :

VY0308SBS01

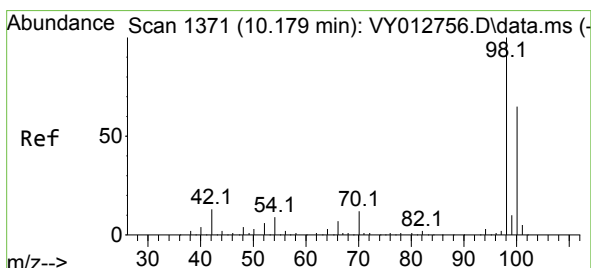
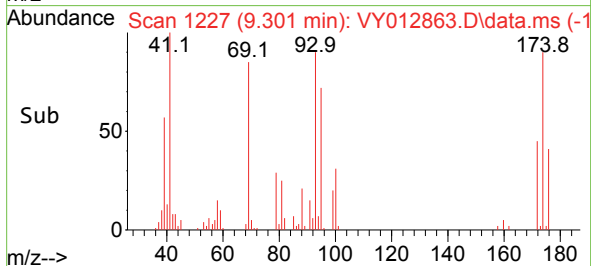
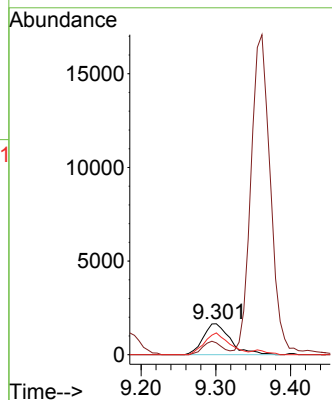
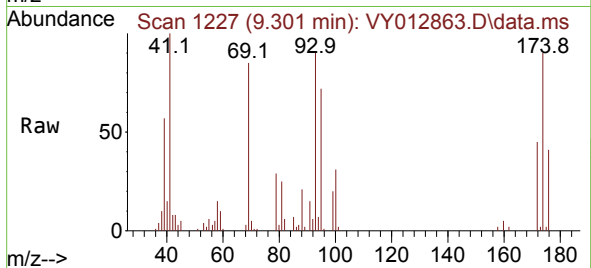
Tgt Ion: 88 Resp: 4154

Ion Ratio Lower Upper

88 100

43 31.1 28.6 42.8

58 64.5 55.2 82.8



#50

Toluene-d8

Concen: 46.344 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012863.D

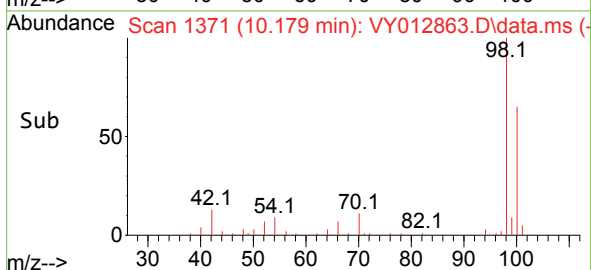
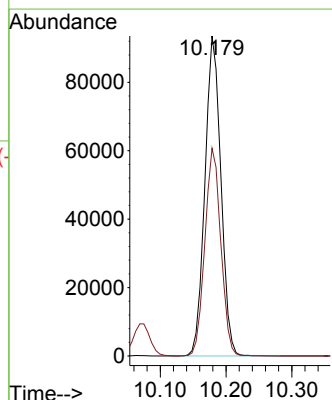
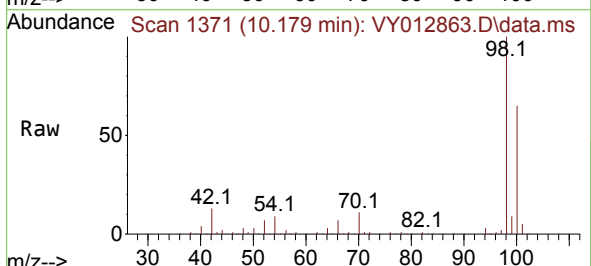
Acq: 08 Mar 2023 12:08

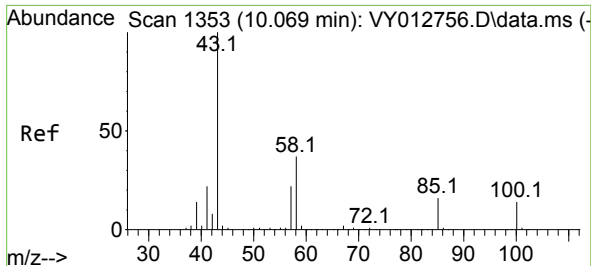
Tgt Ion: 98 Resp: 158255

Ion Ratio Lower Upper

98 100

100 64.9 50.9 76.3

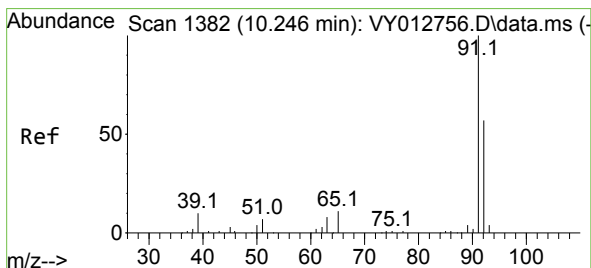
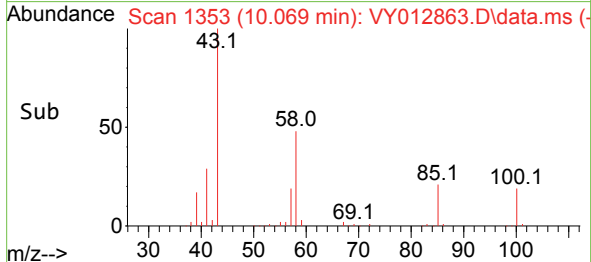
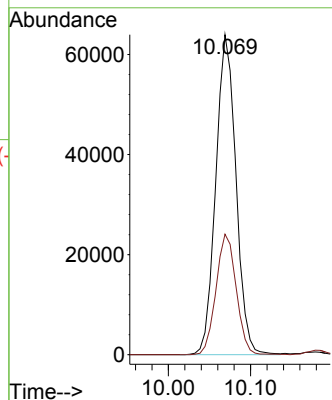
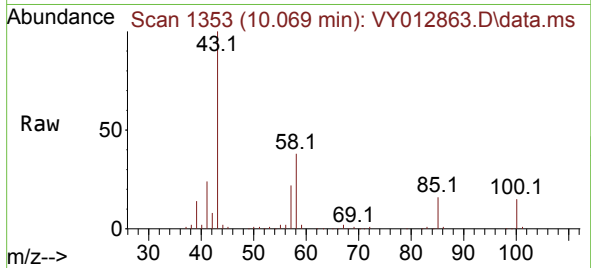




#51  
4-Methyl-2-Pentanone  
Concen: 114.217 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

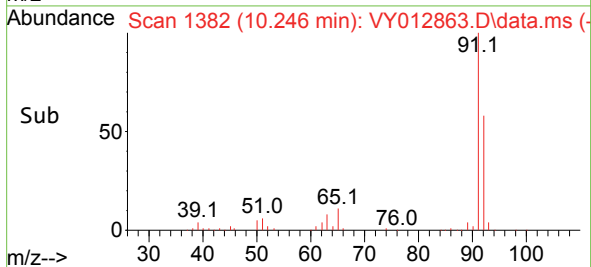
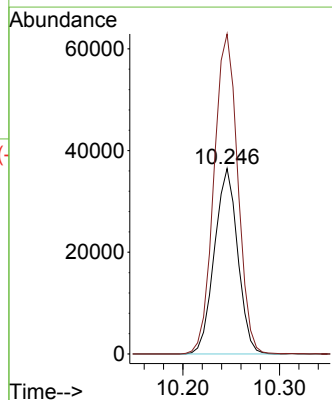
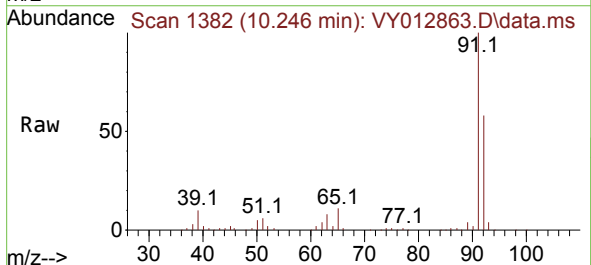
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBS01

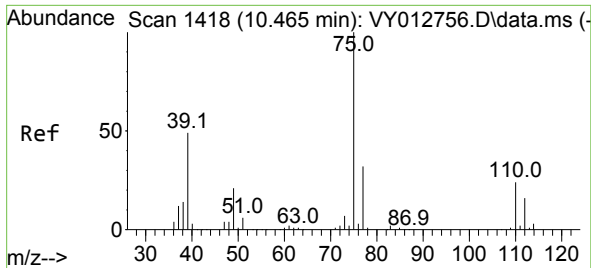
Tgt Ion: 43 Resp: 109055  
Ion Ratio Lower Upper  
43 100  
58 37.7 29.8 44.6



#52  
Toluene  
Concen: 22.797 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

Tgt Ion: 92 Resp: 60876  
Ion Ratio Lower Upper  
92 100  
91 177.0 141.3 211.9

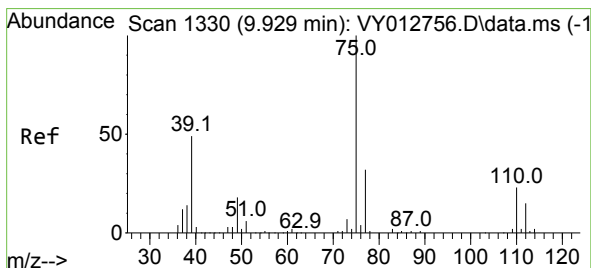
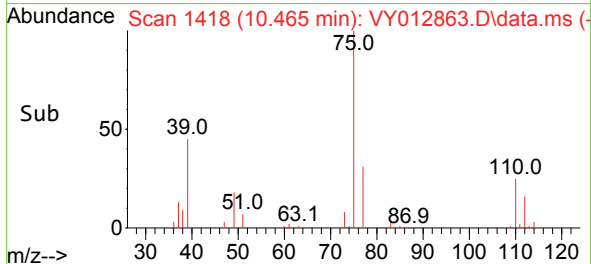
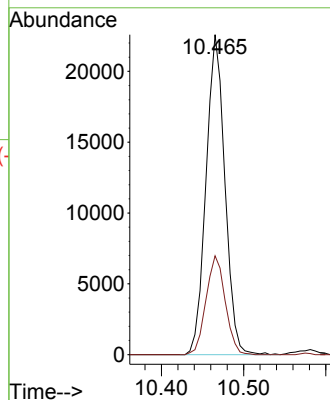
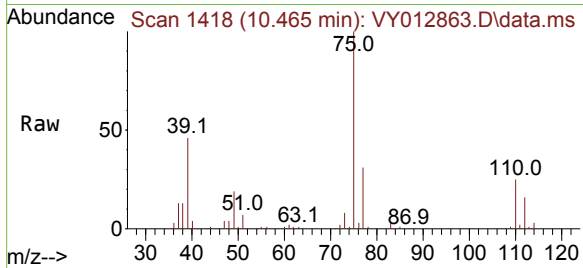




#53  
 t-1,3-Dichloropropene  
 Concen: 22.846 ug/l  
 RT: 10.465 min Scan# 1418  
 Delta R.T. -0.000 min  
 Lab File: VY012863.D  
 Acq: 08 Mar 2023 12:08

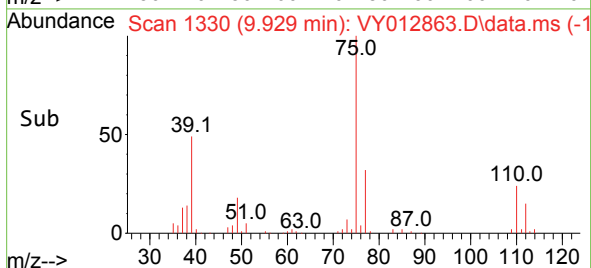
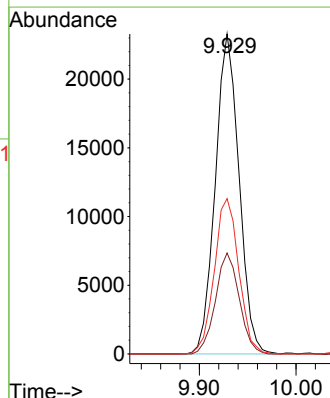
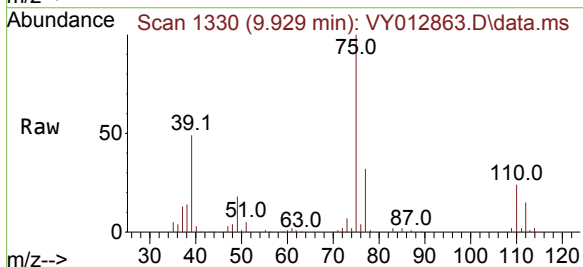
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0308SBS01

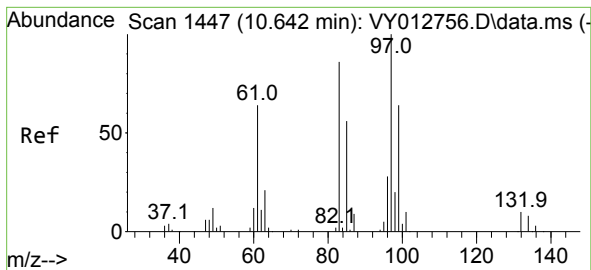
Tgt Ion: 75 Resp: 36001  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 22.242 ug/l  
 RT: 9.929 min Scan# 1330  
 Delta R.T. -0.000 min  
 Lab File: VY012863.D  
 Acq: 08 Mar 2023 12:08

Tgt Ion: 75 Resp: 39670  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 25.4 38.0  
 39 48.5 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 23.711 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

Instrument :

MSVOA\_Y

ClientSampleId :

VY0308SBS01

Tgt Ion: 97 Resp: 21052

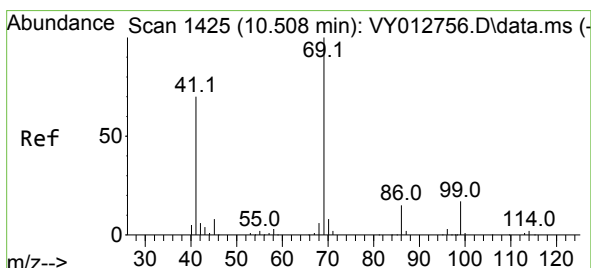
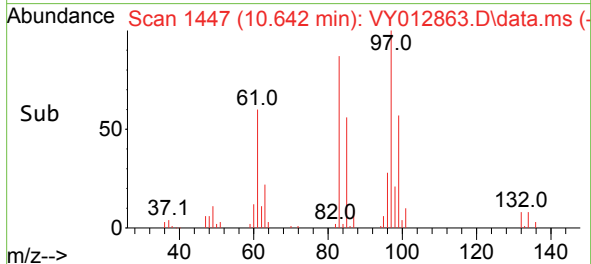
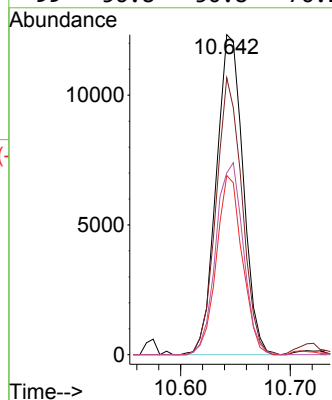
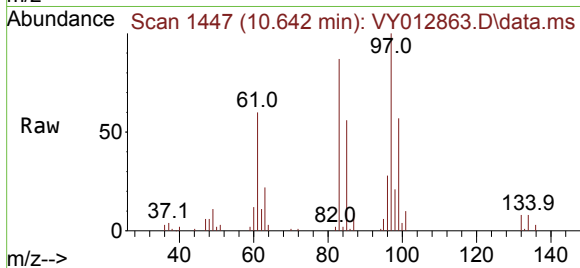
Ion Ratio Lower Upper

97 100

83 86.6 69.0 103.6

85 56.0 44.9 67.3

99 56.8 50.8 76.2



#56

Ethyl methacrylate

Concen: 22.895 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

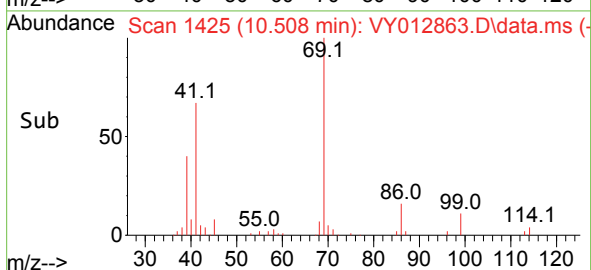
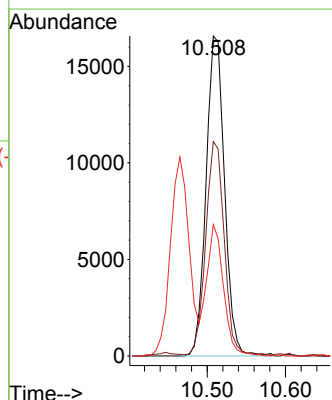
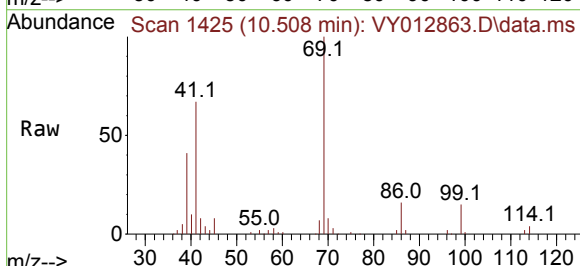
Tgt Ion: 69 Resp: 27104

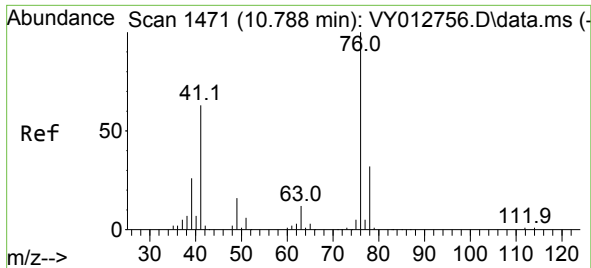
Ion Ratio Lower Upper

69 100

41 67.6 56.4 84.6

39 37.5 30.8 46.2

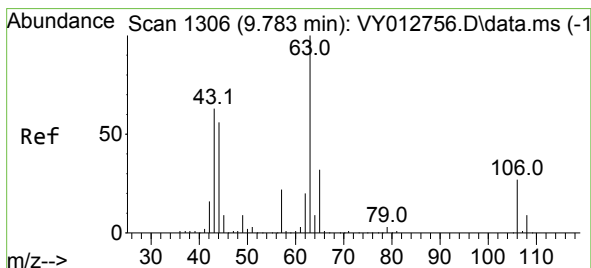
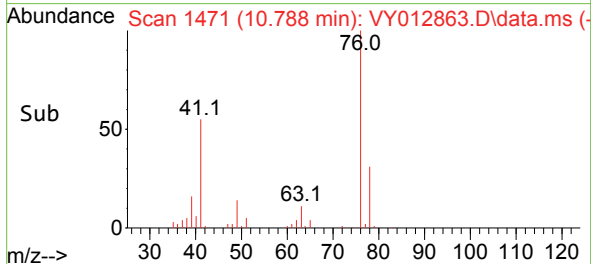
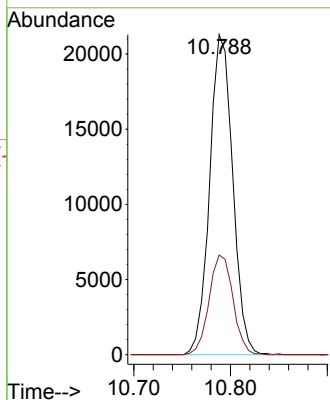
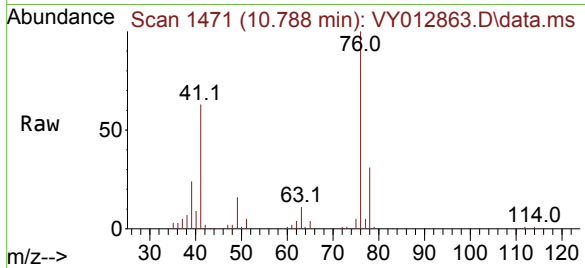




#57  
1,3-Dichloropropane  
Concen: 23.330 ug/l  
RT: 10.788 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

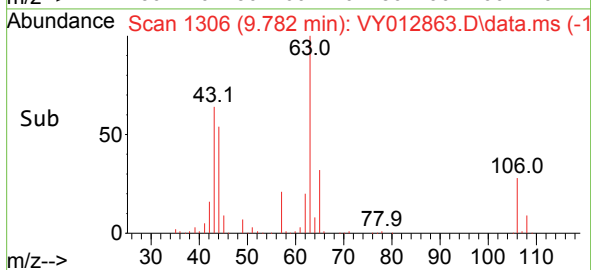
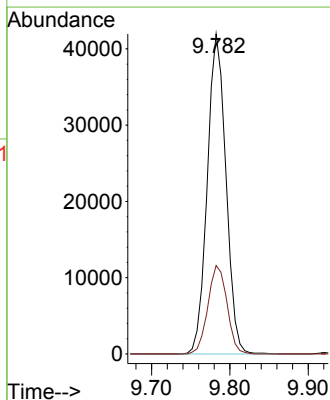
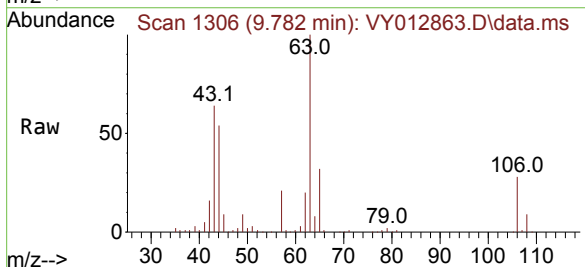
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBS01

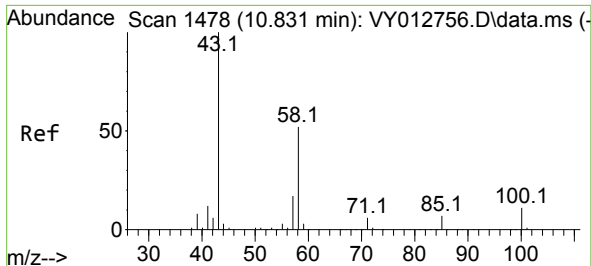
Tgt Ion: 76 Resp: 35280  
Ion Ratio Lower Upper  
76 100  
78 32.2 26.2 39.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 111.611 ug/l  
RT: 9.782 min Scan# 1306  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

Tgt Ion: 63 Resp: 69362  
Ion Ratio Lower Upper  
63 100  
106 28.3 22.1 33.1

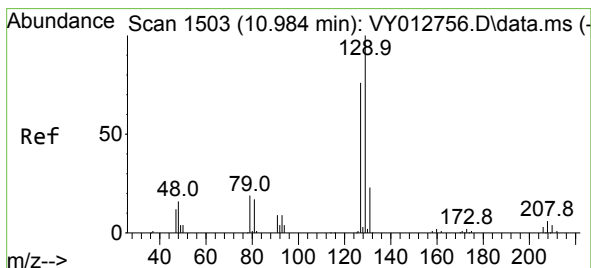
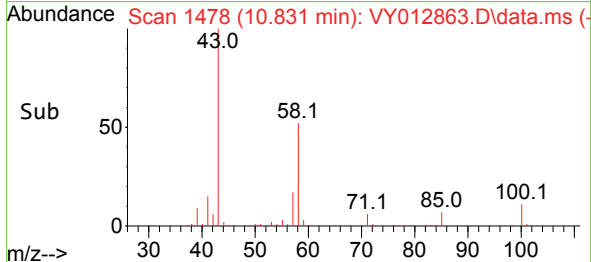
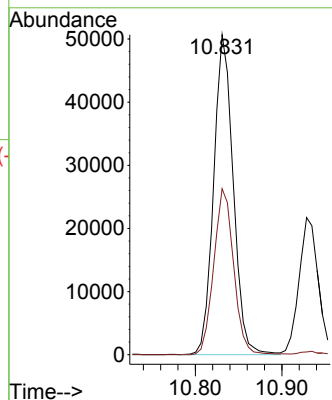
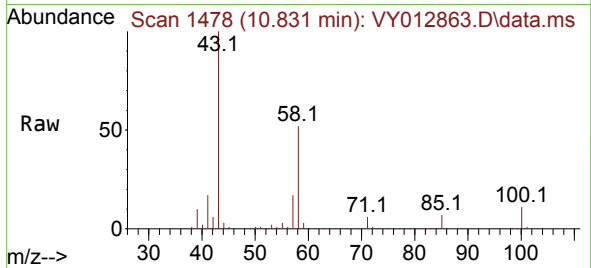




#59  
2-Hexanone  
Concen: 114.664 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

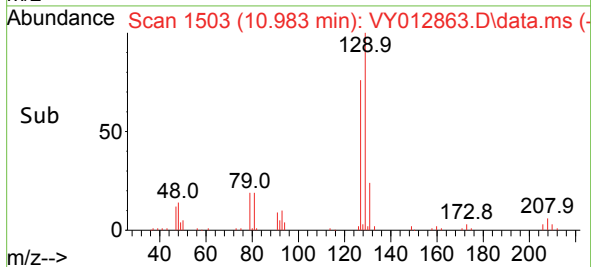
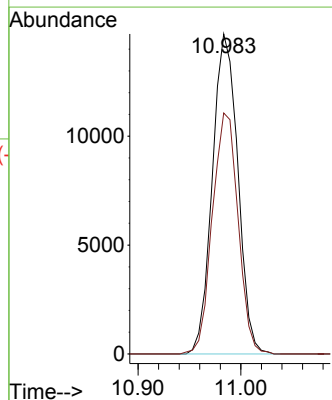
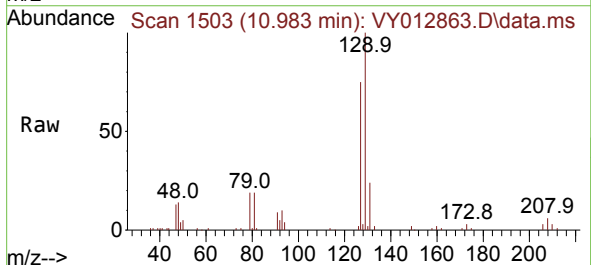
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBS01

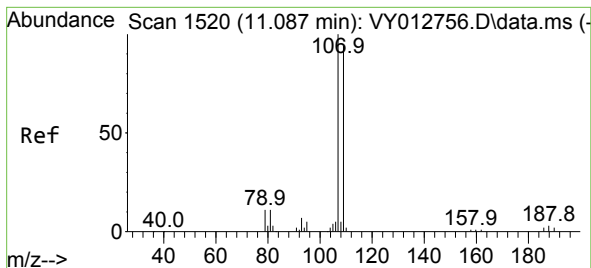
Tgt Ion: 43 Resp: 79569  
Ion Ratio Lower Upper  
43 100  
58 52.7 25.9 77.8



#60  
Dibromochloromethane  
Concen: 23.358 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

Tgt Ion: 129 Resp: 25244  
Ion Ratio Lower Upper  
129 100  
127 76.1 38.7 116.1

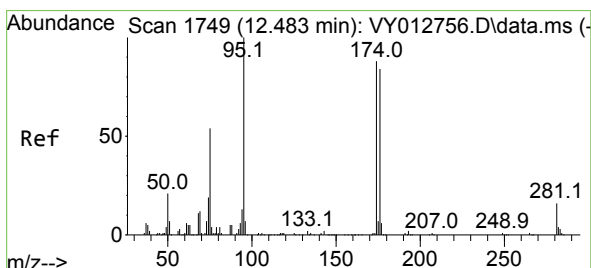
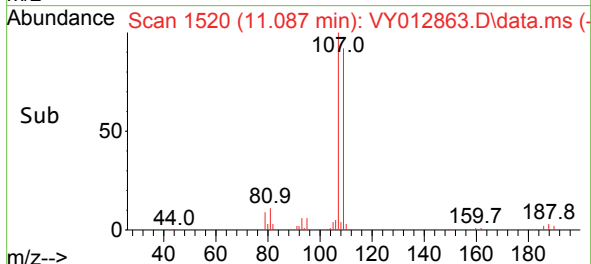
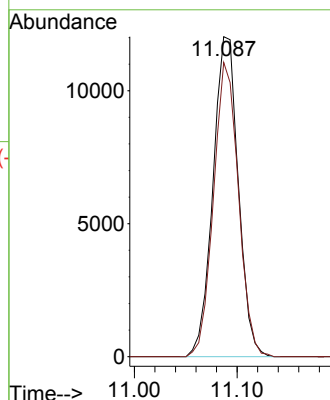
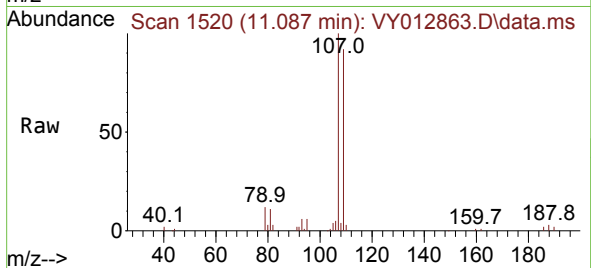




#61  
1,2-Dibromoethane  
Concen: 24.048 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

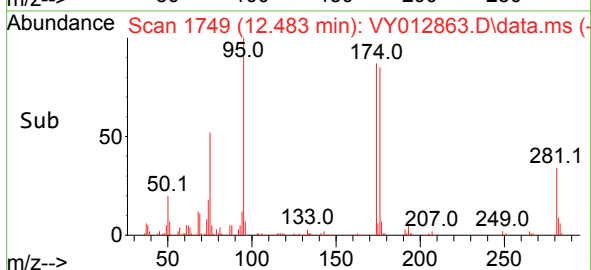
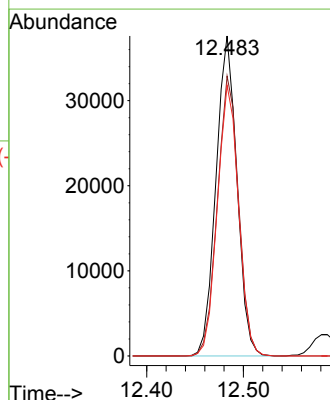
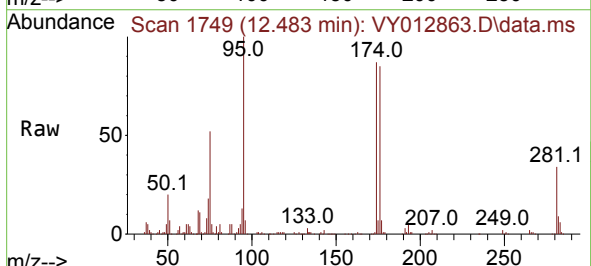
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBSD01

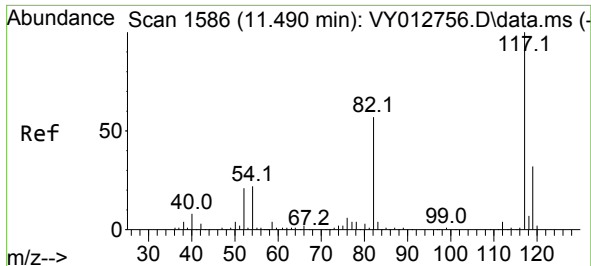
Tgt Ion:107 Resp: 20567  
Ion Ratio Lower Upper  
107 100  
109 90.5 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 48.914 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

Tgt Ion: 95 Resp: 56378  
Ion Ratio Lower Upper  
95 100  
174 88.8 0.0 176.6  
176 85.7 0.0 170.2

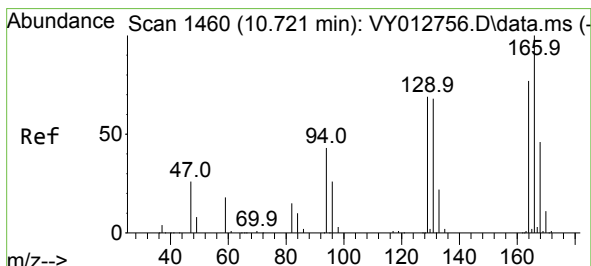
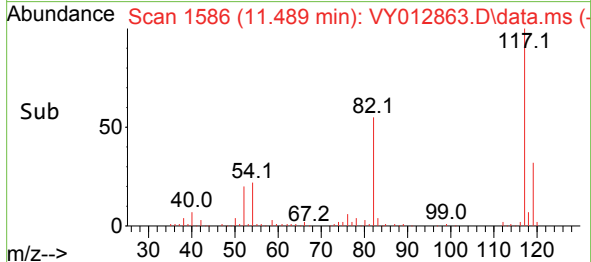
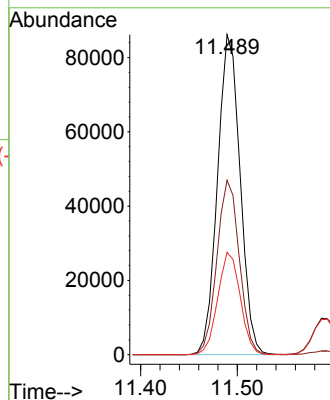
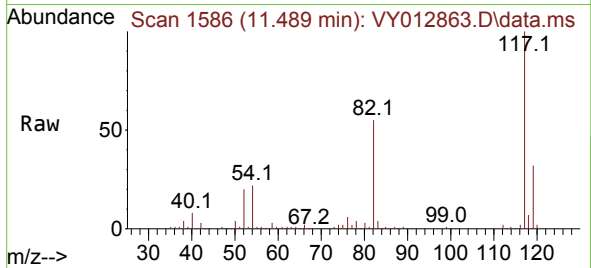




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

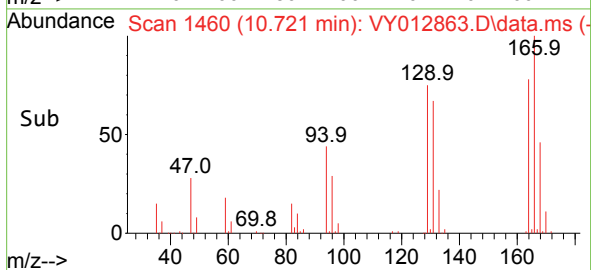
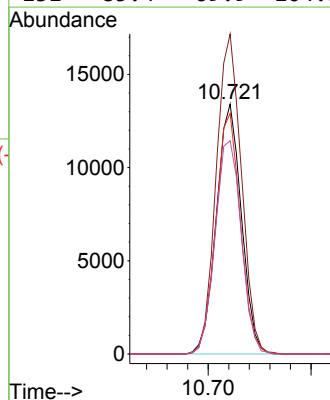
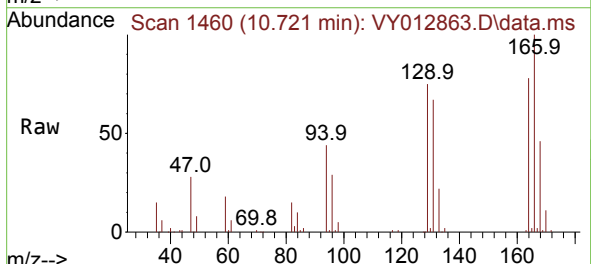
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBS01

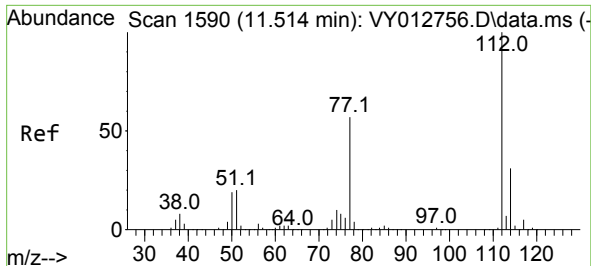
Tgt Ion:117 Resp: 139882  
Ion Ratio Lower Upper  
117 100  
82 54.5 45.4 68.0  
119 32.0 25.6 38.4



#64  
Tetrachloroethene  
Concen: 22.250 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

Tgt Ion:164 Resp: 22660  
Ion Ratio Lower Upper  
164 100  
166 128.1 103.4 155.2  
129 96.3 71.4 107.2  
131 85.4 69.9 104.9

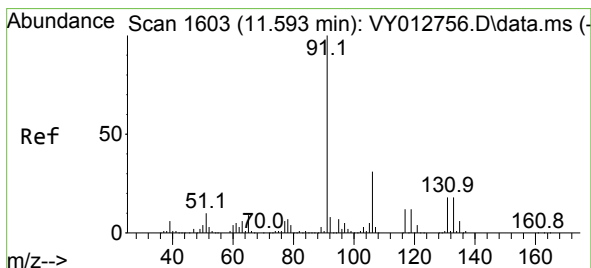
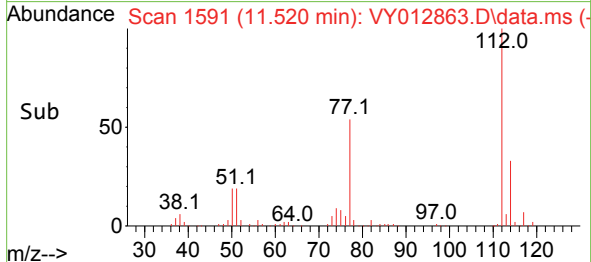
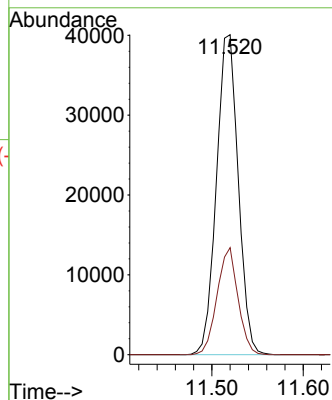
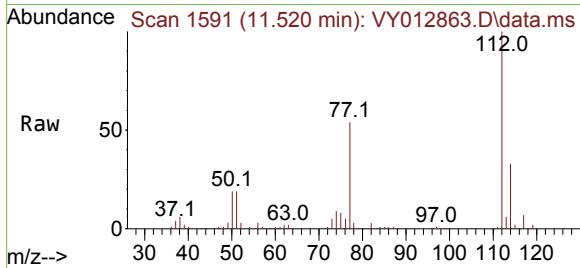




#65  
Chlorobenzene  
Concen: 22.621 ug/l  
RT: 11.520 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

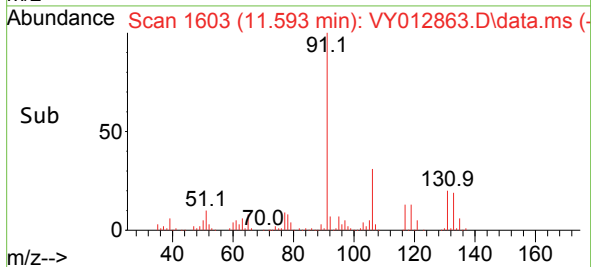
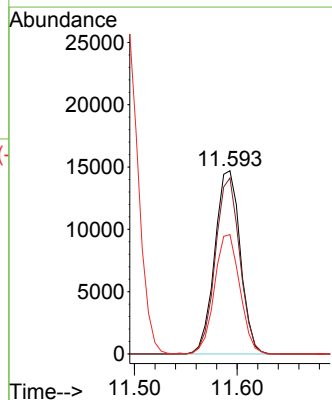
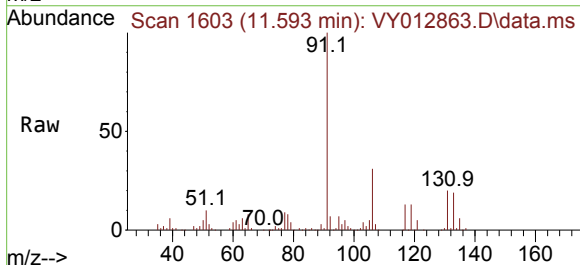
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBS01

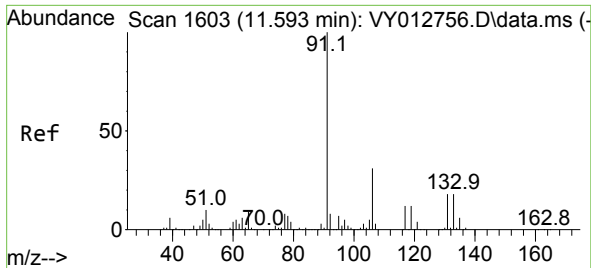
Tgt Ion:112 Resp: 66410  
Ion Ratio Lower Upper  
112 100  
114 33.5 24.5 36.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 23.344 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

Tgt Ion:131 Resp: 25359  
Ion Ratio Lower Upper  
131 100  
133 92.1 48.0 144.0  
119 65.0 32.6 98.0





#67

Ethyl Benzene

Concen: 22.148 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

Instrument :

MSVOA\_Y

ClientSampleId :

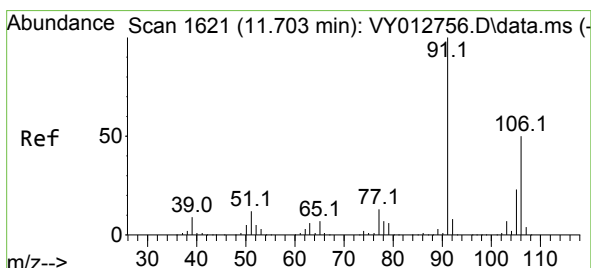
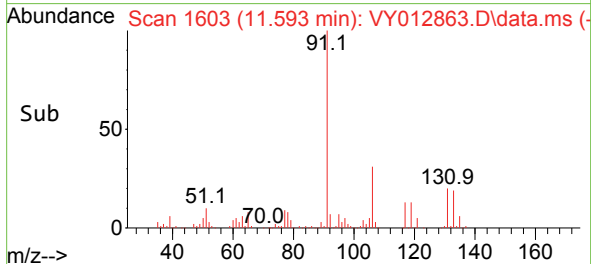
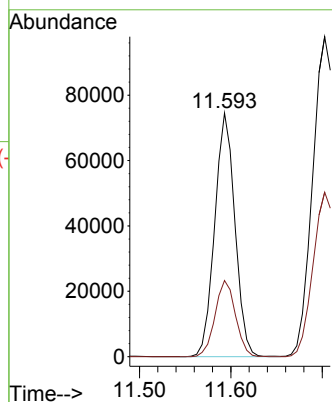
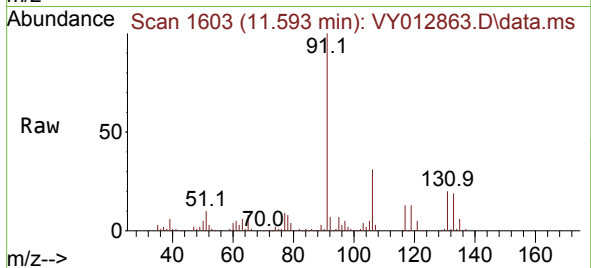
VY0308SBS01

Tgt Ion: 91 Resp: 114319

Ion Ratio Lower Upper

91 100

106 31.3 25.1 37.7



#68

m/p-Xylenes

Concen: 45.774 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012863.D

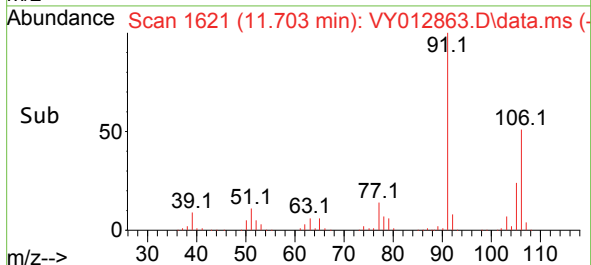
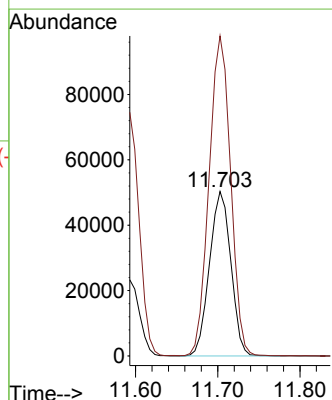
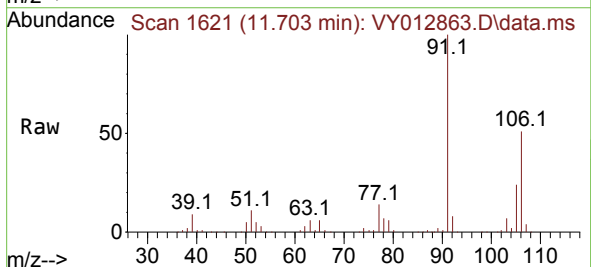
Acq: 08 Mar 2023 12:08

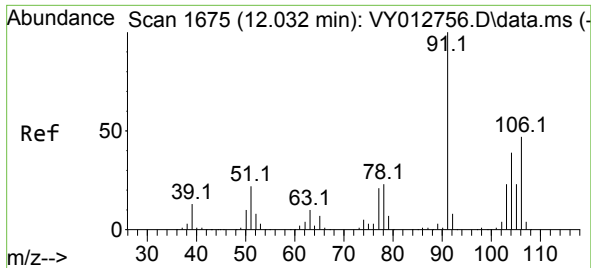
Tgt Ion:106 Resp: 90890

Ion Ratio Lower Upper

106 100

91 196.2 159.8 239.8

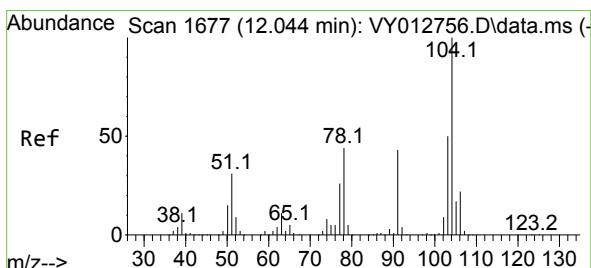
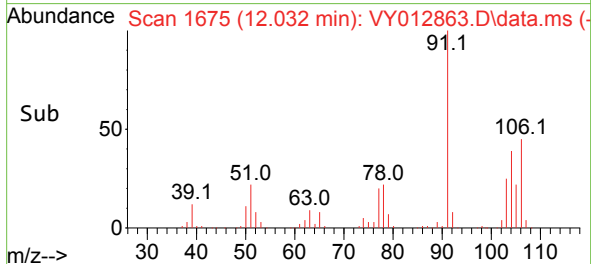
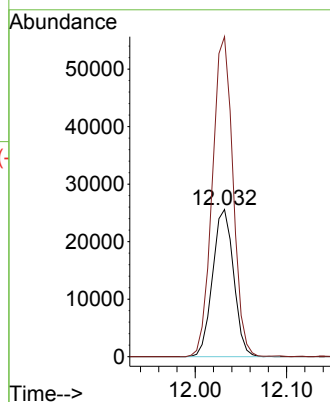
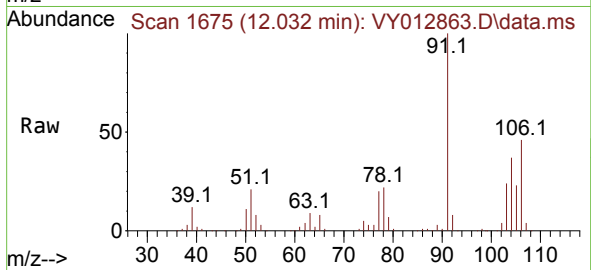




#69  
o-Xylene  
Concen: 22.028 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

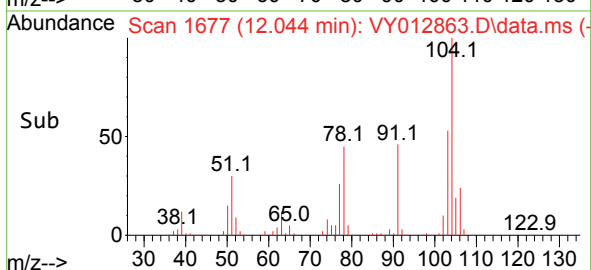
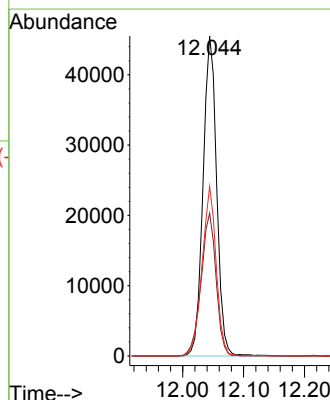
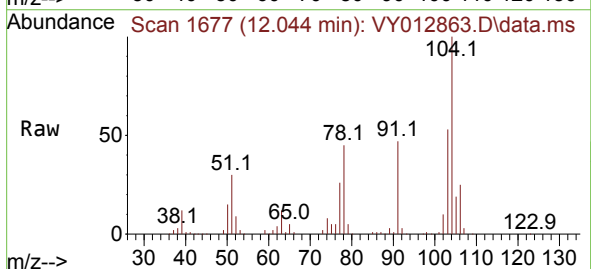
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBS01

Tgt Ion:106 Resp: 40822  
Ion Ratio Lower Upper  
106 100  
91 213.6 107.2 321.6



#70  
Styrene  
Concen: 22.855 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

Tgt Ion:104 Resp: 70679  
Ion Ratio Lower Upper  
104 100  
78 49.1 39.2 58.8  
103 55.0 43.7 65.5





#71

Bromoform

Concen: 23.996 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

Instrument :

MSVOA\_Y

ClientSampleId :

VY0308SBSD01

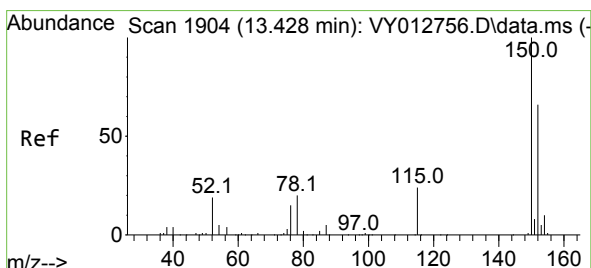
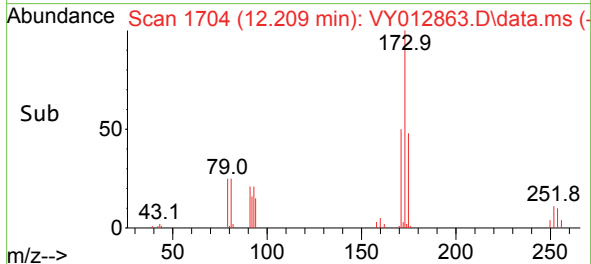
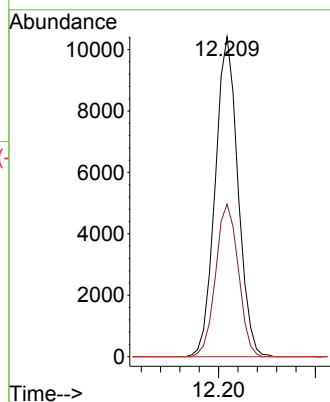
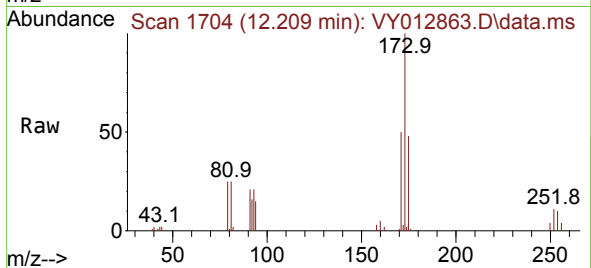
Tgt Ion:173 Resp: 16996

Ion Ratio Lower Upper

173 100

175 47.5 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

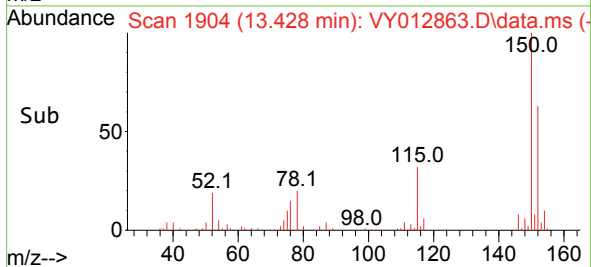
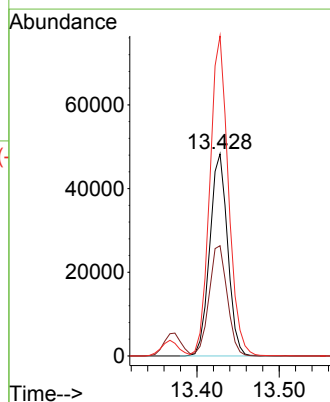
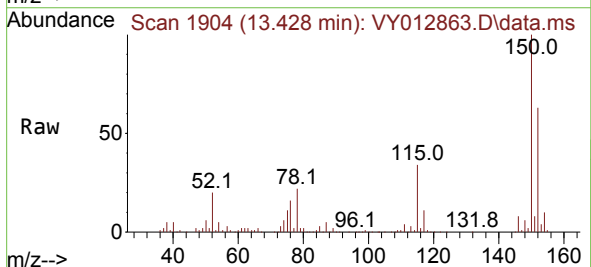
Tgt Ion:152 Resp: 72845

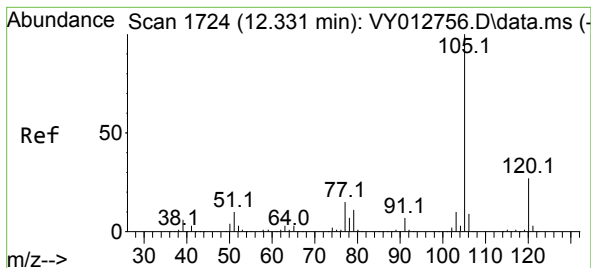
Ion Ratio Lower Upper

152 100

115 55.6 27.1 81.3

150 164.5 0.0 347.8





#73

Isopropylbenzene

Concen: 21.220 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

Instrument :

MSVOA\_Y

ClientSampleId :

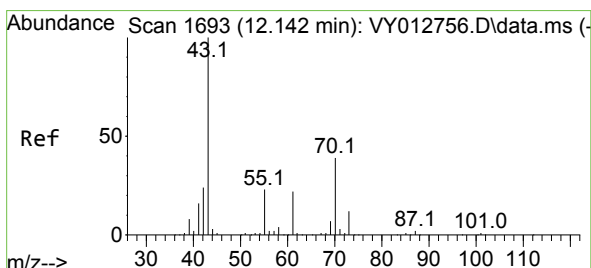
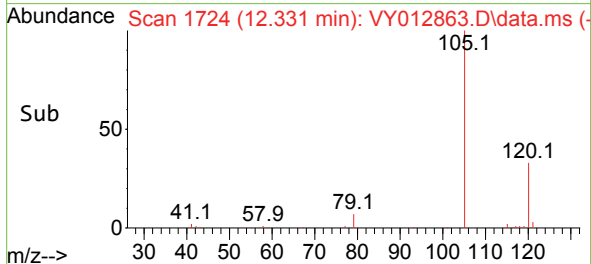
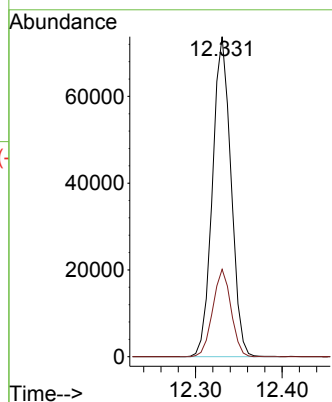
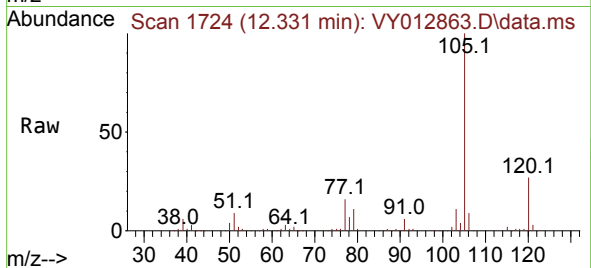
VY0308SBS01

Tgt Ion:105 Resp: 109550

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 20.355 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

Tgt Ion: 43 Resp: 33063

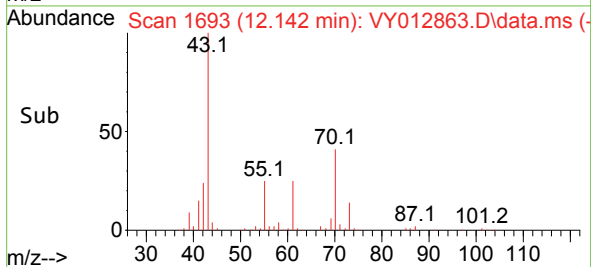
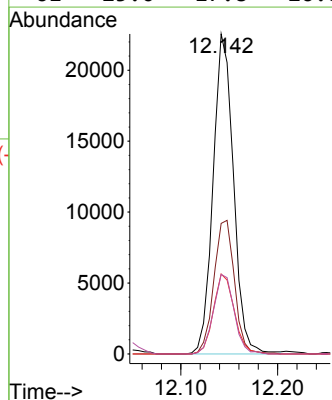
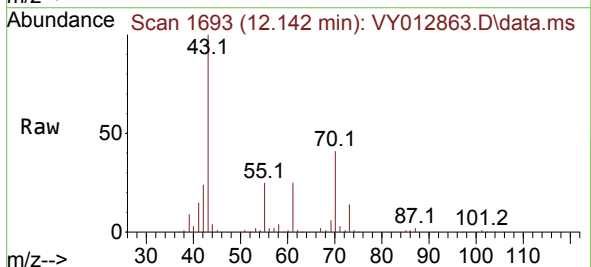
Ion Ratio Lower Upper

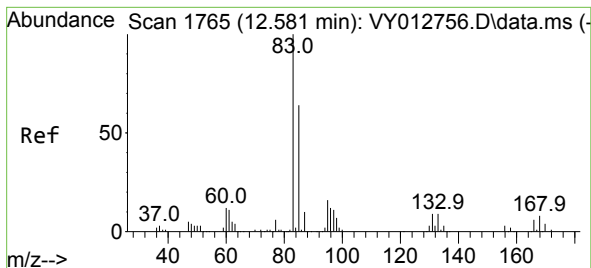
43 100

70 42.1 31.6 47.4

55 25.5 18.8 28.2

61 25.0 17.8 26.8

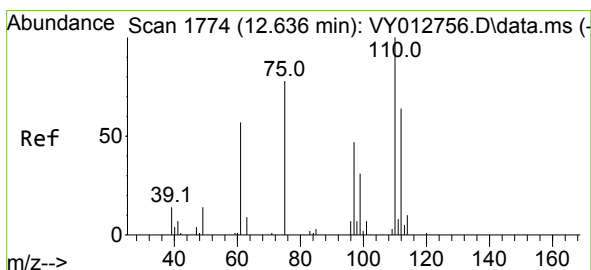
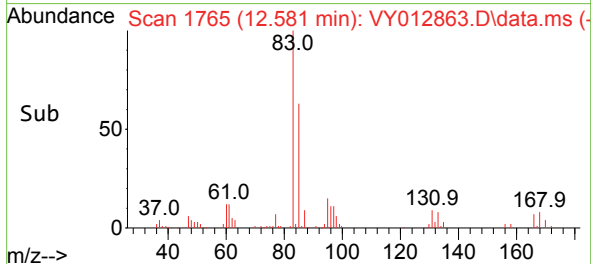
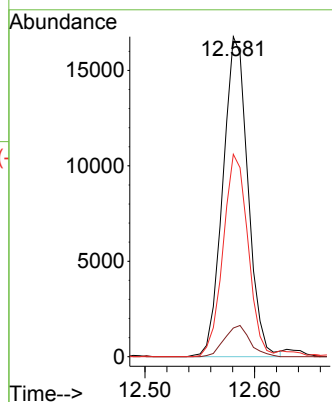
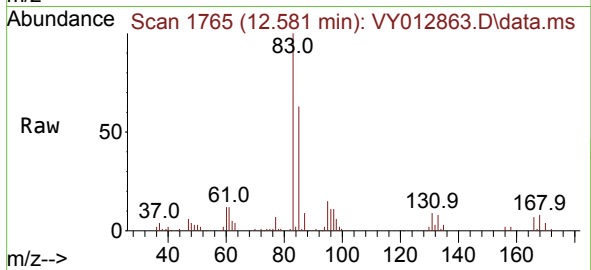




#75  
1,1,2,2-Tetrachloroethane  
Concen: 22.949 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

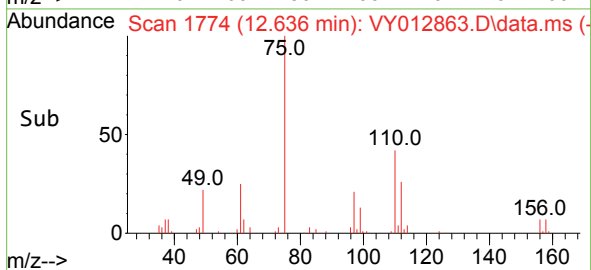
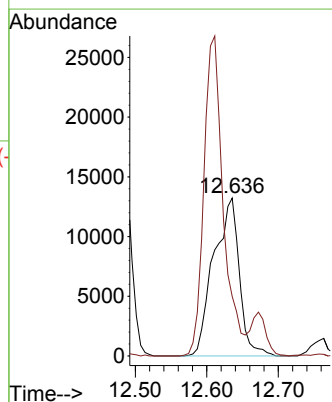
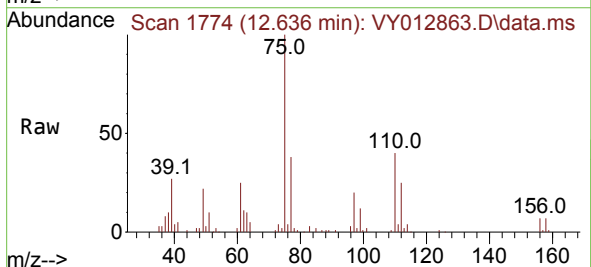
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBSD01

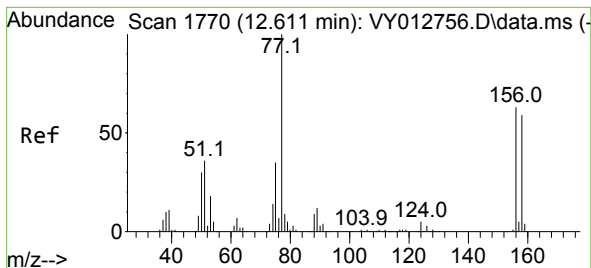
Tgt Ion: 83 Resp: 26633  
Ion Ratio Lower Upper  
83 100  
131 9.9 5.1 15.2  
85 62.9 31.8 95.3



#76  
1,2,3-Trichloropropane  
Concen: 37.908 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

Tgt Ion: 75 Resp: 32976  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.413 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

Instrument :

MSVOA\_Y

ClientSampleId :

VY0308SBS01

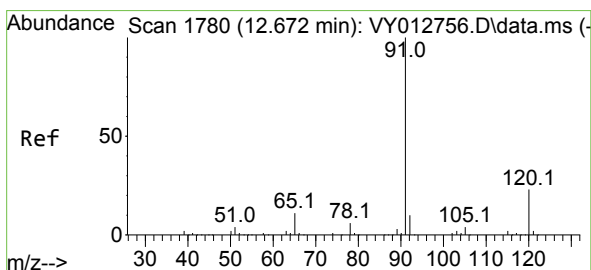
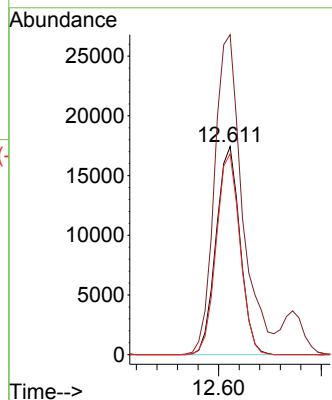
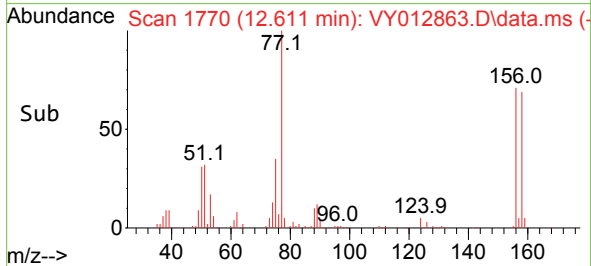
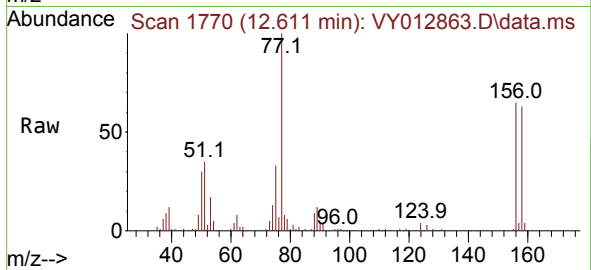
Tgt Ion:156 Resp: 28109

Ion Ratio Lower Upper

156 100

77 179.5 94.0 282.1

158 95.8 48.1 144.4



#78

n-propylbenzene

Concen: 21.484 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012863.D

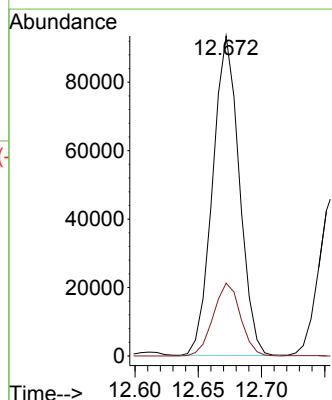
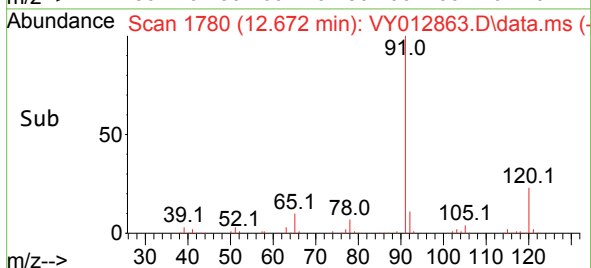
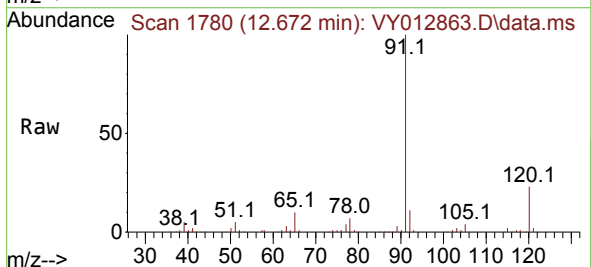
Acq: 08 Mar 2023 12:08

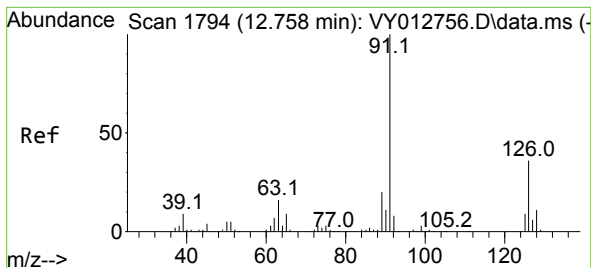
Tgt Ion: 91 Resp: 136744

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8





#79

2-Chlorotoluene

Concen: 21.844 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

Instrument :

MSVOA\_Y

ClientSampleId :

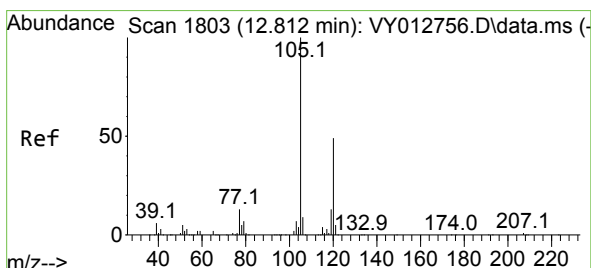
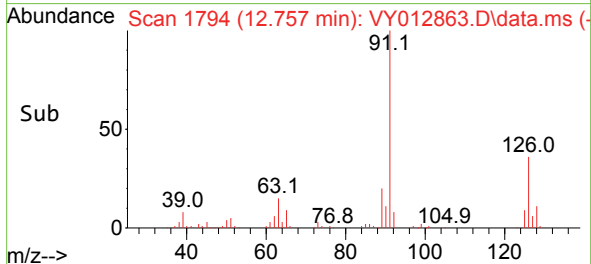
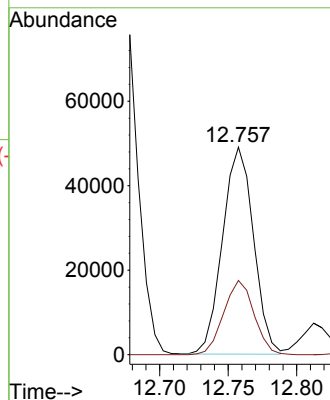
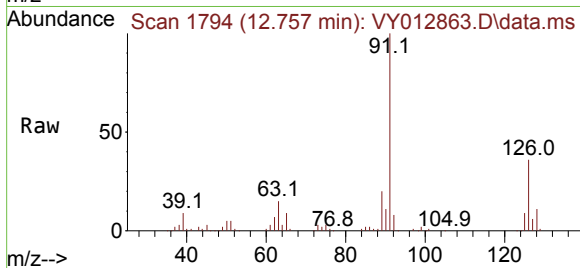
VY0308SBS01

Tgt Ion: 91 Resp: 77272

Ion Ratio Lower Upper

91 100

126 35.0 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 21.666 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY012863.D

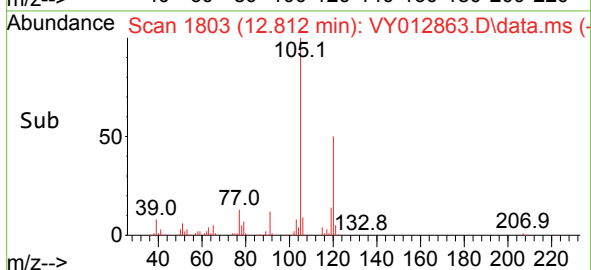
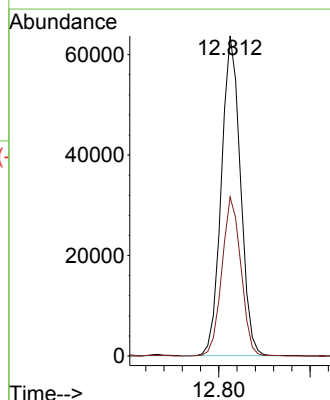
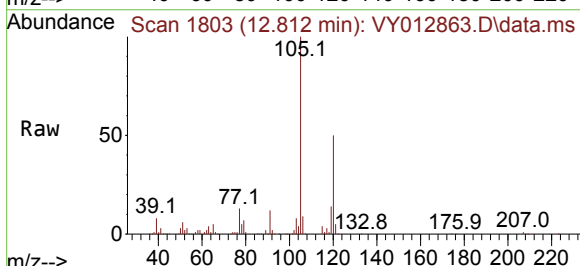
Acq: 08 Mar 2023 12:08

Tgt Ion:105 Resp: 92308

Ion Ratio Lower Upper

105 100

120 49.5 24.8 74.4

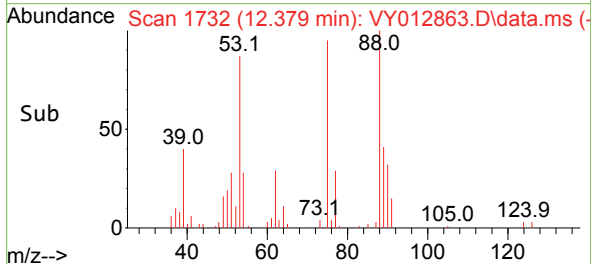
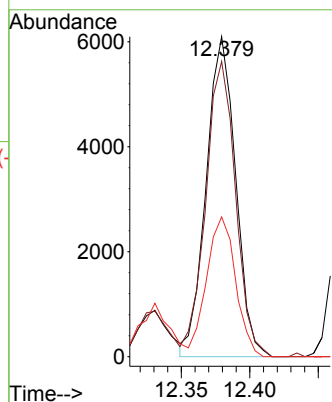
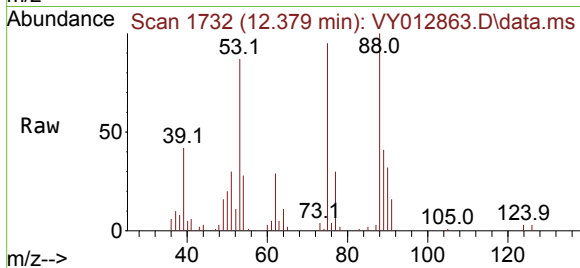




#81  
trans-1,4-Dichloro-2-butene  
Concen: 21.716 ug/l  
RT: 12.379 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

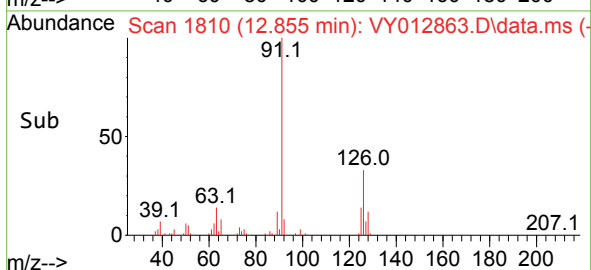
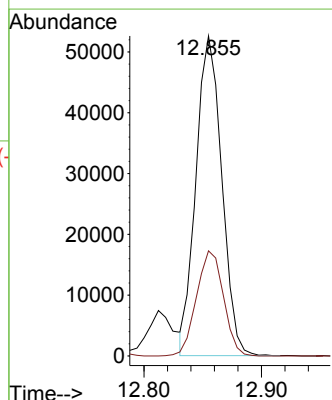
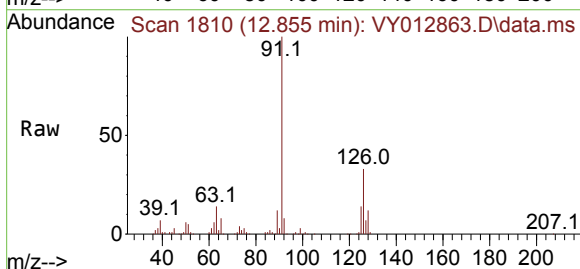
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBS01

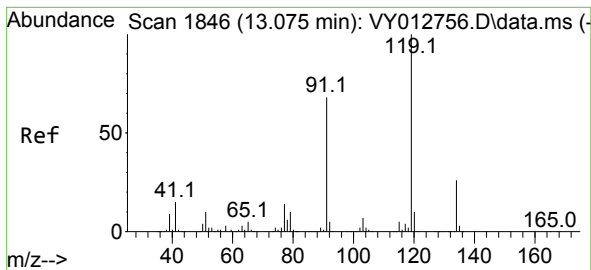
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 9117  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 93.5  | 73.4  | 110.0 |
| 89       | 42.8  | 36.6  | 55.0  |



#82  
4-Chlorotoluene  
Concen: 21.916 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 80255 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 126      | 34.4  | 17.7  | 53.1  |

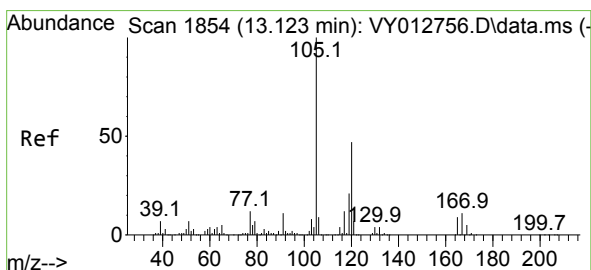
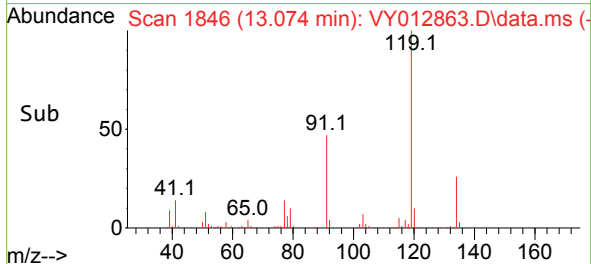
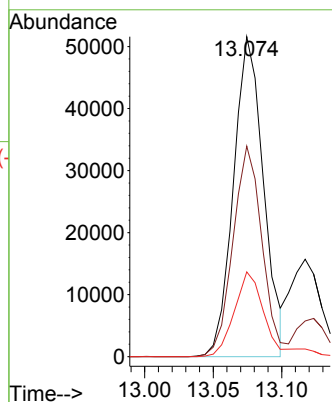
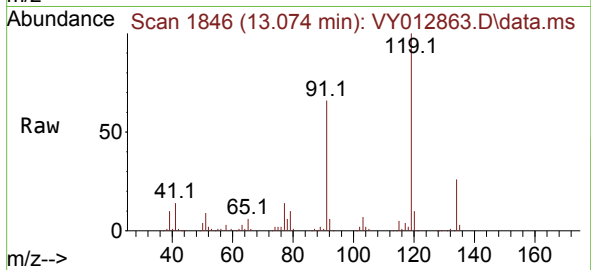




#83  
tert-Butylbenzene  
Concen: 21.378 ug/l  
RT: 13.074 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

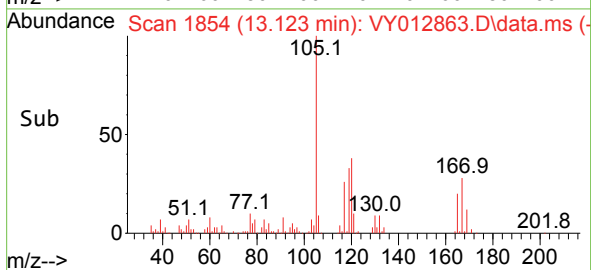
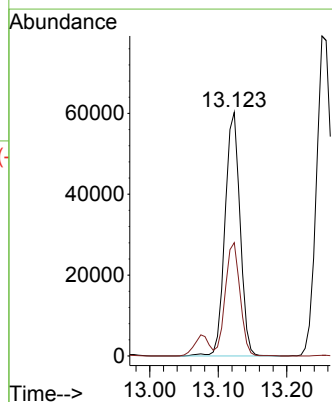
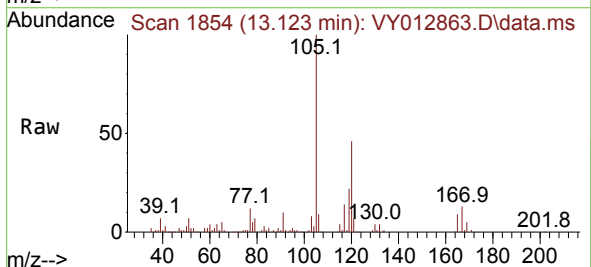
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBS01

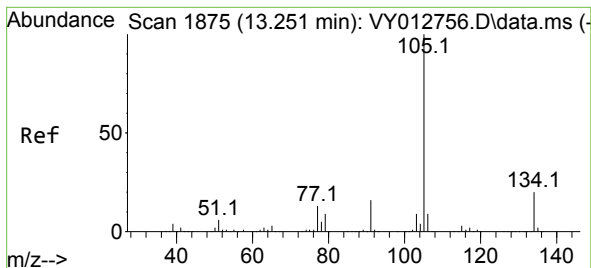
Tgt Ion:119 Resp: 78615  
Ion Ratio Lower Upper  
119 100  
91 64.3 32.8 98.3  
134 27.7 13.6 40.8



#84  
1,2,4-Trimethylbenzene  
Concen: 21.967 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

Tgt Ion:105 Resp: 91518  
Ion Ratio Lower Upper  
105 100  
120 45.3 23.0 69.0

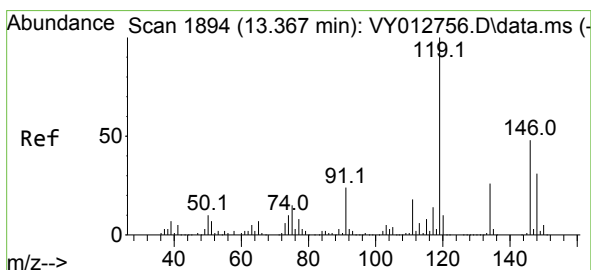
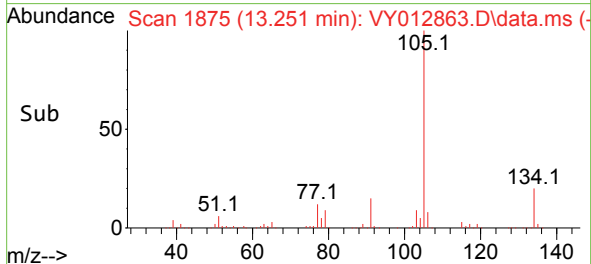
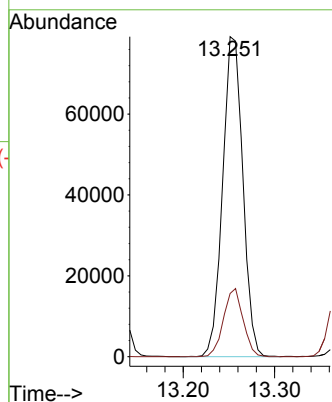
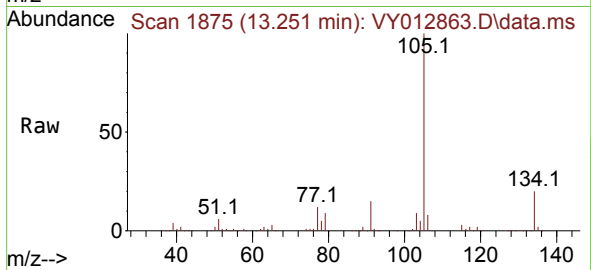




#85  
sec-Butylbenzene  
Concen: 21.691 ug/l  
RT: 13.251 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

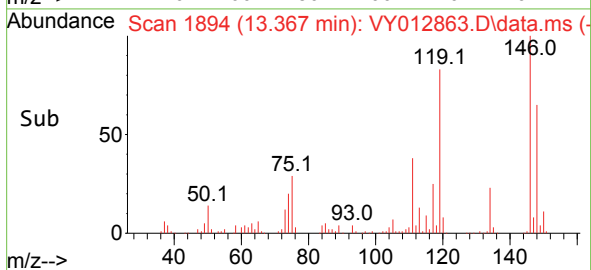
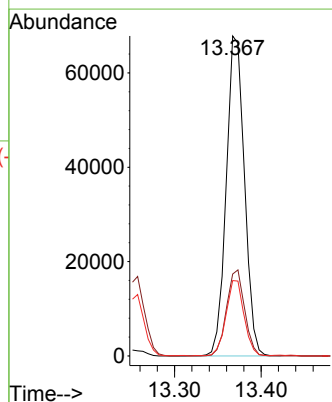
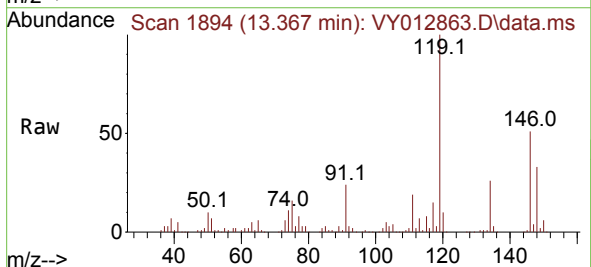
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0308SBSD01

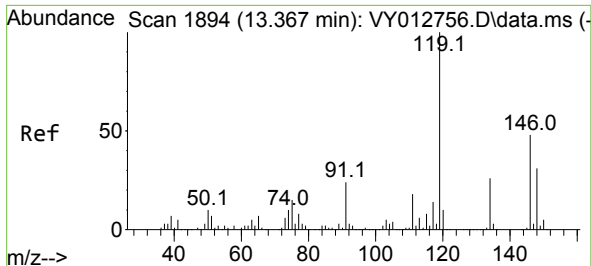
Tgt Ion:105 Resp: 121684  
Ion Ratio Lower Upper  
105 100  
134 20.6 10.4 31.1



#86  
p-Isopropyltoluene  
Concen: 21.630 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VY012863.D  
Acq: 08 Mar 2023 12:08

Tgt Ion:119 Resp: 99172  
Ion Ratio Lower Upper  
119 100  
134 26.7 13.2 39.6  
91 23.5 11.8 35.3

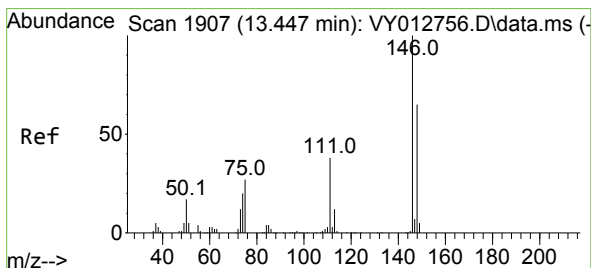
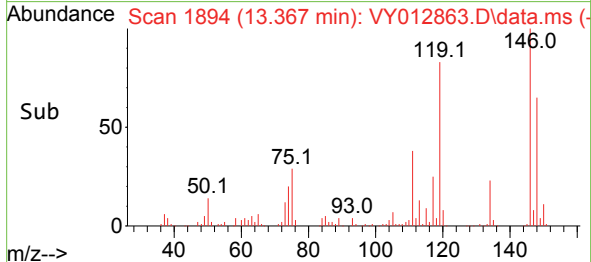
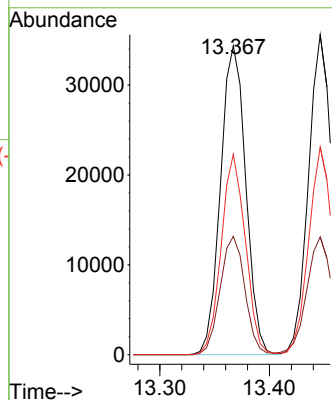
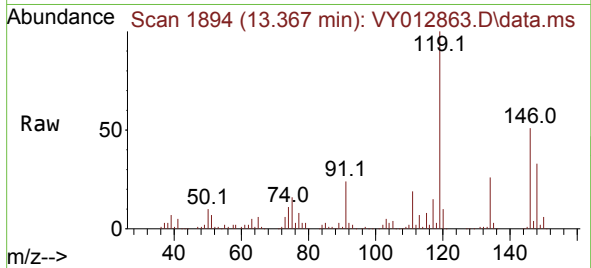




#87  
 1,3-Dichlorobenzene  
 Concen: 22.744 ug/l  
 RT: 13.367 min Scan# 119  
 Delta R.T. -0.000 min  
 Lab File: VY012863.D  
 Acq: 08 Mar 2023 12:08

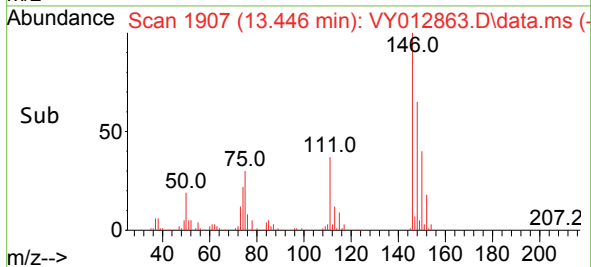
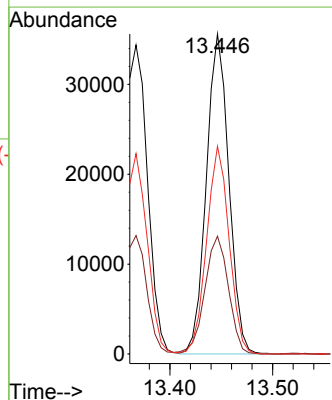
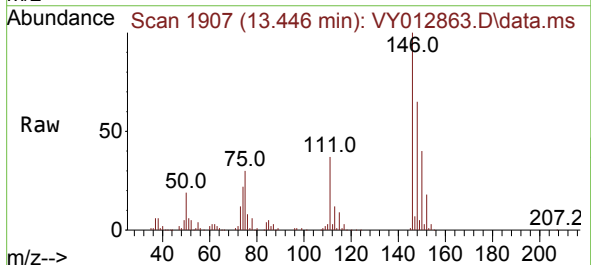
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0308SBSD01

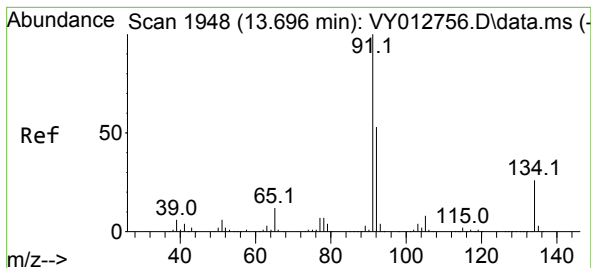
Tgt Ion:146 Resp: 55015  
 Ion Ratio Lower Upper  
 146 100  
 111 37.6 19.1 57.5  
 148 62.1 31.8 95.3



#88  
 1,4-Dichlorobenzene  
 Concen: 21.958 ug/l  
 RT: 13.446 min Scan# 1907  
 Delta R.T. -0.000 min  
 Lab File: VY012863.D  
 Acq: 08 Mar 2023 12:08

Tgt Ion:146 Resp: 54208  
 Ion Ratio Lower Upper  
 146 100  
 111 38.9 18.6 55.8  
 148 64.9 31.5 94.5





#89

n-Butylbenzene

Concen: 21.031 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

Instrument :

MSVOA\_Y

ClientSampleId :

VY0308SBS01

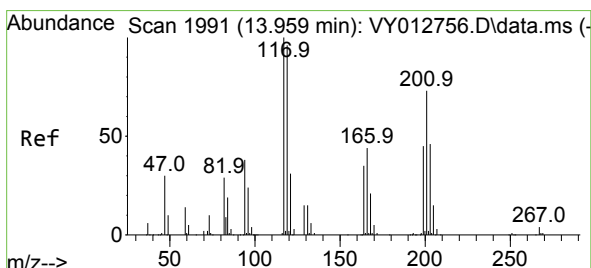
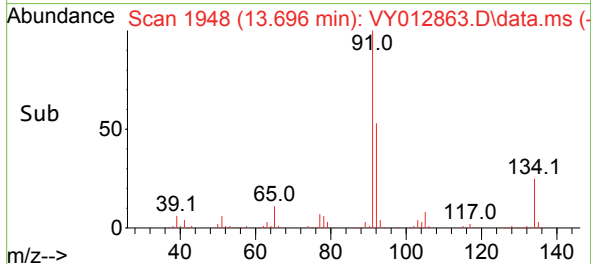
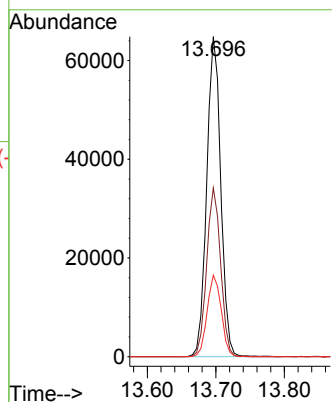
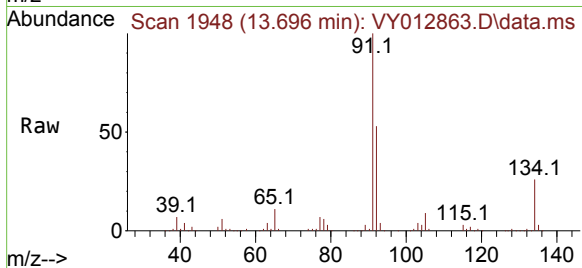
Tgt Ion: 91 Resp: 92312

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.0

134 25.6 13.0 38.9



#90

Hexachloroethane

Concen: 21.679 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012863.D

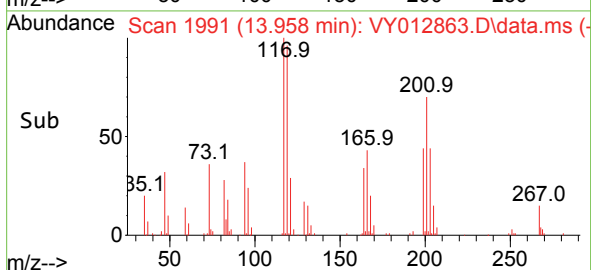
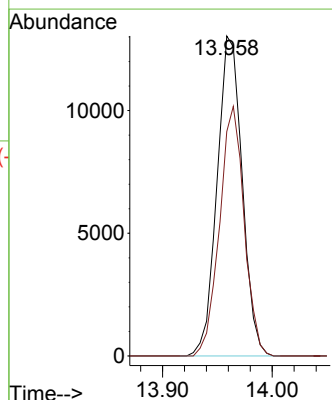
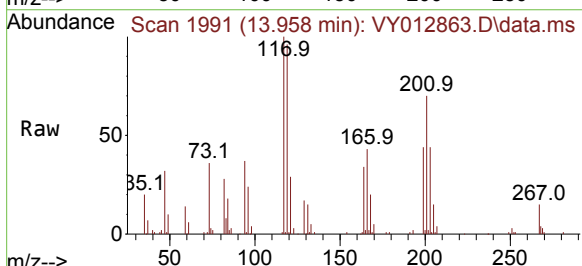
Acq: 08 Mar 2023 12:08

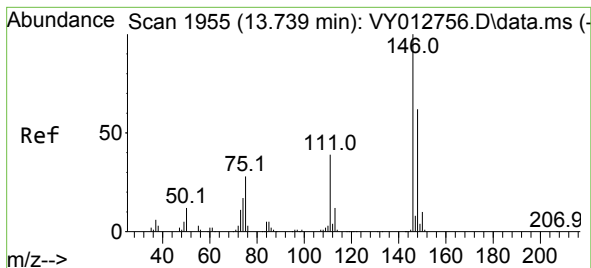
Tgt Ion: 117 Resp: 20702

Ion Ratio Lower Upper

117 100

201 76.6 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 22.605 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

Instrument :

MSVOA\_Y

ClientSampleId :

VY0308SBS01

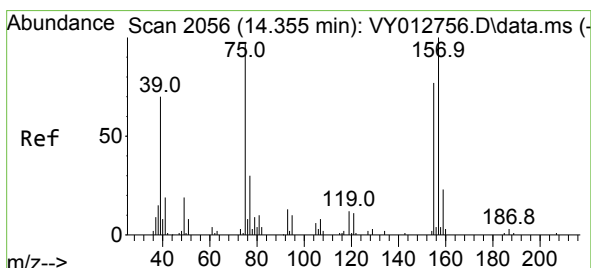
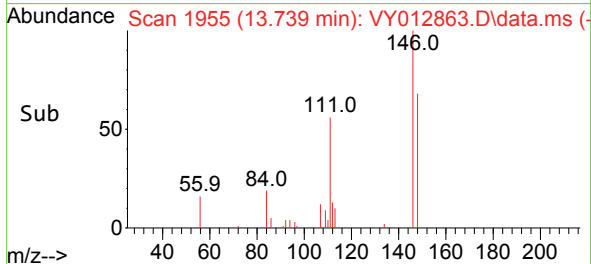
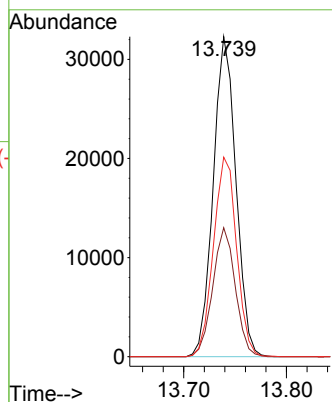
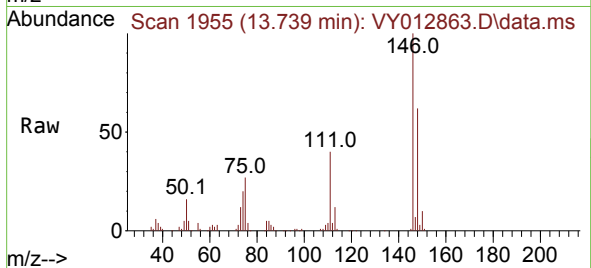
Tgt Ion:146 Resp: 49427

Ion Ratio Lower Upper

146 100

111 40.0 19.7 59.1

148 63.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.252 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

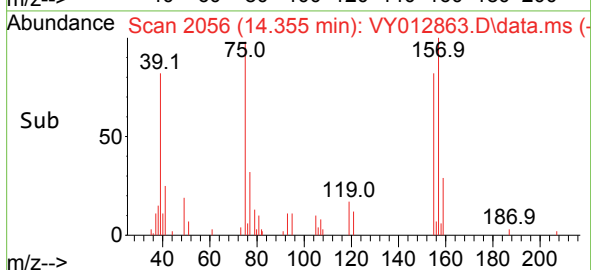
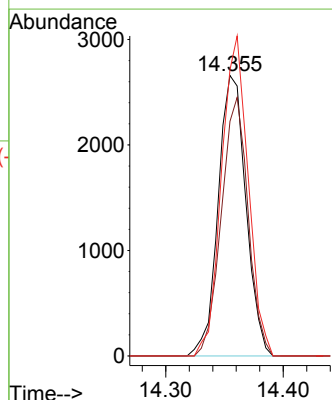
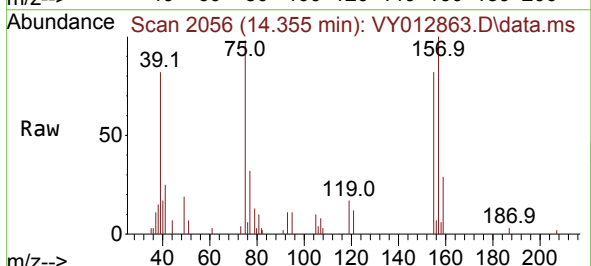
Tgt Ion: 75 Resp: 4361

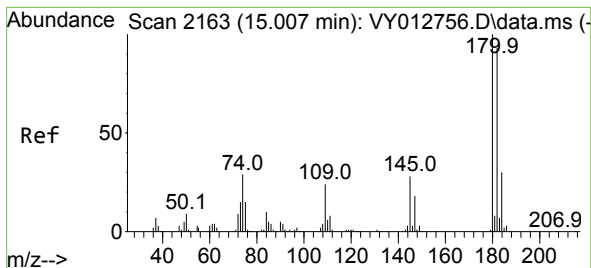
Ion Ratio Lower Upper

75 100

155 88.9 43.8 131.4

157 109.5 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 21.368 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

Instrument :

MSVOA\_Y

ClientSampleId :

VY0308SBS01

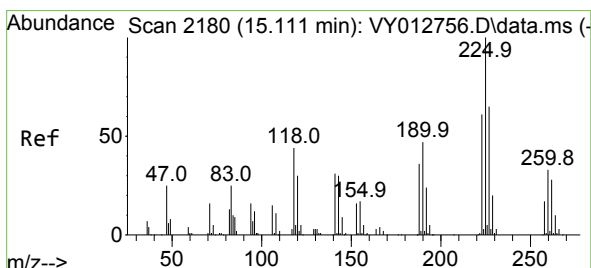
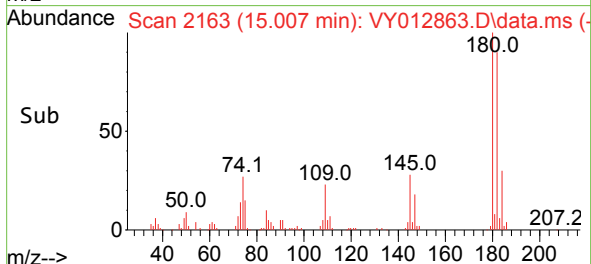
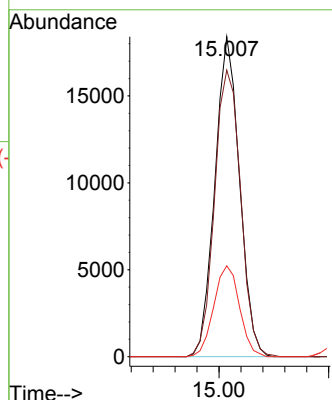
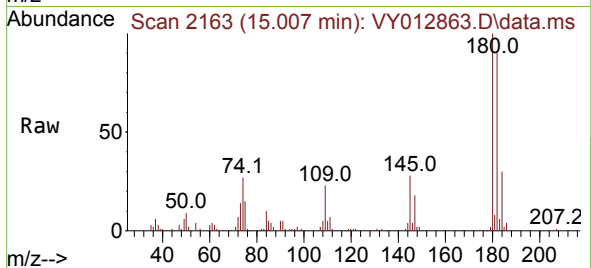
Tgt Ion:180 Resp: 28767

Ion Ratio Lower Upper

180 100

182 94.8 46.7 140.1

145 29.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 21.125 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

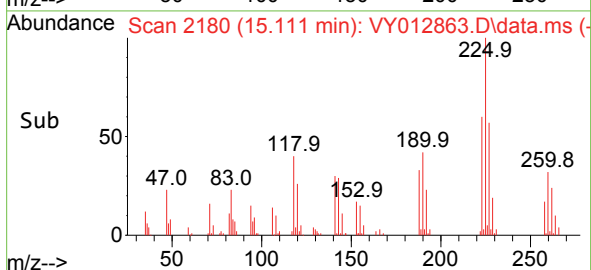
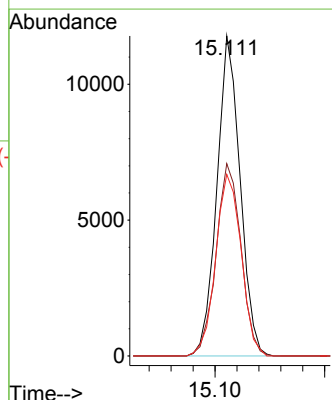
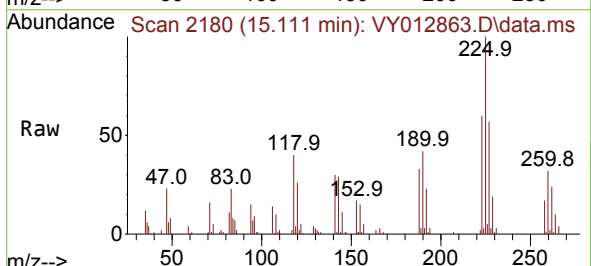
Tgt Ion:225 Resp: 17346

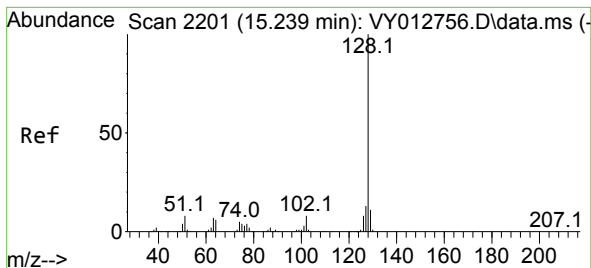
Ion Ratio Lower Upper

225 100

223 64.3 31.1 93.3

227 62.2 32.4 97.0





#95

Naphthalene

Concen: 21.145 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

Instrument :

MSVOA\_Y

ClientSampleId :

VY0308SBS01

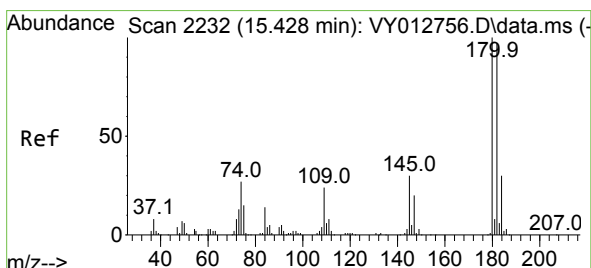
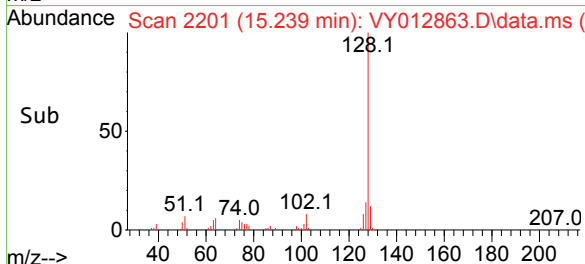
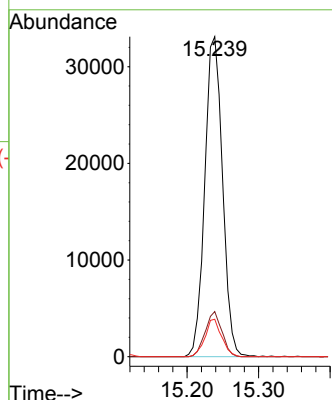
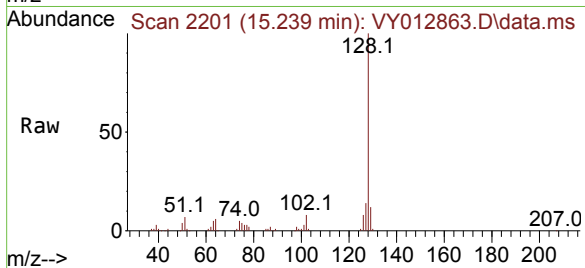
Tgt Ion:128 Resp: 57046

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.684 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY012863.D

Acq: 08 Mar 2023 12:08

Tgt Ion:180 Resp: 25963

Ion Ratio Lower Upper

180 100

182 93.7 47.4 142.3

145 31.3 15.3 45.8

