

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041323\  
 Data File : VY013290.D  
 Acq On : 13 Apr 2023 12:56  
 Operator : KP/MD  
 Sample : 02313-02 5.0PPB  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 Inflationary Surcharges

Quant Time: Apr 14 02:59:29 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041223S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 13 05:55:16 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc      | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|-----------|------------|----------|
| -----                        |        |       |          |           |            |          |
| Internal Standards           |        |       |          |           |            |          |
| 1) Pentafluorobenzene        | 7.783  | 168   | 243307   | 50.000    | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.685  | 114   | 389241   | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.483 | 117   | 346571   | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.422 | 152   | 171240   | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.136  | 65    | 150119   | 51.340    | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery  | = 102.680% |          |
| 35) Dibromofluoromethane     | 7.710  | 113   | 130146   | 51.647    | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery  | = 103.300% |          |
| 50) Toluene-d8               | 10.173 | 98    | 482985   | 51.493    | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery  | = 102.980% |          |
| 62) 4-Bromofluorobenzene     | 12.477 | 95    | 151779   | 49.804    | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery  | = 99.600%  |          |
| Target Compounds             |        |       |          |           |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.900  | 85    | 10919    | 4.986     | ug/l       | 96       |
| 3) Chloromethane             | 2.107  | 50    | 14716    | 5.364     | ug/l       | 96       |
| 4) Vinyl Chloride            | 2.247  | 62    | 13588    | 5.224     | ug/l       | 100      |
| 5) Bromomethane              | 2.650  | 94    | 10963    | 5.496     | ug/l       | 95       |
| 6) Chloroethane              | 2.790  | 64    | 8730     | 4.977     | ug/l       | 99       |
| 7) Trichlorofluoromethane    | 3.119  | 101   | 20699    | 5.113     | ug/l       | 94       |
| 8) Diethyl Ether             | 3.521  | 74    | 7780     | 5.289     | ug/l       | 89       |
| 9) 1,1,2-Trichlorotrifluo... | 3.887  | 101   | 12813    | 5.386     | ug/l       | 97       |
| 10) Methyl Iodide            | 4.082  | 142   | 14043    | 4.812     | ug/l       | 98       |
| 11) Tert butyl alcohol       | 4.948  | 59    | 7811     | Below Cal | #          | 74       |
| 12) 1,1-Dichloroethene       | 3.863  | 96    | 12264    | 5.357     | ug/l       | 90       |
| 13) Acrolein                 | 3.723  | 56    | 9482     | 26.398    | ug/l       | 98       |
| 14) Allyl chloride           | 4.473  | 41    | 23327    | 5.334     | ug/l       | 96       |
| 15) Acrylonitrile            | 5.161  | 53    | 21834    | 25.833    | ug/l       | 97       |
| 16) Acetone                  | 3.948  | 43    | 24934    | 24.801    | ug/l       | 96       |
| 17) Carbon Disulfide         | 4.186  | 76    | 40259    | 5.341     | ug/l       | 99       |
| 18) Methyl Acetate           | 4.473  | 43    | 16482    | 5.069     | ug/l       | 97       |
| 19) Methyl tert-butyl Ether  | 5.210  | 73    | 33772    | 4.924     | ug/l       | 98       |
| 20) Methylene Chloride       | 4.704  | 84    | 23142    | 4.858     | ug/l       | 98       |
| 21) trans-1,2-Dichloroethene | 5.216  | 96    | 13889    | 5.314     | ug/l       | 93       |
| 22) Diisopropyl ether        | 6.106  | 45    | 43052    | 4.995     | ug/l       | # 83     |
| 23) Vinyl Acetate            | 6.051  | 43    | 130814   | 24.008    | ug/l       | 95       |
| 24) 1,1-Dichloroethane       | 6.009  | 63    | 26037    | 5.408     | ug/l       | 95       |
| 25) 2-Butanone               | 6.984  | 43    | 34375    | 26.704    | ug/l       | 90       |
| 26) 2,2-Dichloropropane      | 6.978  | 77    | 24332    | 5.633     | ug/l       | 92       |
| 27) cis-1,2-Dichloroethene   | 6.978  | 96    | 15323    | 5.392     | ug/l       | 92       |
| 28) Bromochloromethane       | 7.326  | 49    | 9685     | 5.047     | ug/l       | 91       |
| 29) Tetrahydrofuran          | 7.350  | 42    | 19585    | 25.051    | ug/l       | 95       |
| 30) Chloroform               | 7.502  | 83    | 26463    | 5.431     | ug/l       | 100      |
| 31) Cyclohexane              | 7.783  | 56    | 26717    | 6.043     | ug/l       | # 80     |
| 32) 1,1,1-Trichloroethane    | 7.698  | 97    | 22057    | 5.004     | ug/l       | 94       |
| 36) 1,1-Dichloropropene      | 7.911  | 75    | 18990    | 4.974     | ug/l       | 97       |
| 37) Ethyl Acetate            | 7.076  | 43    | 13321    | 4.329     | ug/l       | # 95     |
| 38) Carbon Tetrachloride     | 7.893  | 117   | 20547    | 4.868     | ug/l       | 95       |
| 39) Methylcyclohexane        | 9.179  | 83    | 21301    | 4.800     | ug/l       | 91       |
| 40) Benzene                  | 8.155  | 78    | 55006    | 4.978     | ug/l       | 98       |

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 ALS Vial : 10 Sample Multiplier: 1

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 MSVOA\_Y  
 ClientSampleId :  
 Inflationary Surcharges

Quant Time: Apr 14 02:59:29 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041223S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 13 05:55:16 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.301  | 41   | 5772     | 4.521   | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 18996    | 5.071   | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.265  | 43   | 24312    | 4.757   | ug/l # | 91       |
| 44) Trichloroethene           | 8.941  | 130  | 14754    | 5.184   | ug/l   | 83       |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 14584    | 5.085   | ug/l   | 94       |
| 46) Dibromomethane            | 9.301  | 93   | 8827     | 5.114   | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.490  | 83   | 20186    | 5.116   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.289  | 41   | 10793    | 4.597   | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 2339     | 100.023 | ug/l # | 67       |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43   | 66062    | 23.749  | ug/l   | 98       |
| 52) Toluene                   | 10.240 | 92   | 34510    | 5.173   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 20240    | 4.898   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 22203    | 4.900   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 12204    | 5.363   | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 14526    | 4.662   | ug/l   | 92       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 19879    | 5.136   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 32936    | 25.315  | ug/l   | 95       |
| 59) 2-Hexanone                | 10.831 | 43   | 45199    | 22.347  | ug/l   | 96       |
| 60) Dibromochloromethane      | 10.984 | 129  | 14094    | 4.939   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.081 | 107  | 11481    | 5.181   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.715 | 164  | 12636    | 5.168   | ug/l   | 95       |
| 65) Chlorobenzene             | 11.508 | 112  | 36922    | 5.093   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 14042    | 5.161   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.587 | 91   | 60902    | 4.823   | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.697 | 106  | 46536    | 9.632   | ug/l   | 100      |
| 69) o-Xylene                  | 12.026 | 106  | 20948    | 4.682   | ug/l   | 97       |
| 70) Styrene                   | 12.038 | 104  | 33909    | 4.487   | ug/l   | 95       |
| 71) Bromoform                 | 12.203 | 173  | 9433     | 5.005   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.325 | 105  | 56551    | 4.815   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.142 | 43   | 19305    | 4.607   | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 15162    | 5.225   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 19333    | 9.060   | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 15559    | 5.297   | ug/l   | 97       |
| 78) n-propylbenzene           | 12.666 | 91   | 74524    | 5.137   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.752 | 91   | 41745    | 5.112   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.806 | 105  | 47546    | 4.833   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 4991     | 4.855   | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 42414    | 4.927   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.069 | 119  | 40175    | 4.759   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 44282    | 4.625   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 61820    | 4.897   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 51605    | 4.981   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 29959    | 5.291   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 30315    | 5.298   | ug/l   | 92       |
| 89) n-Butylbenzene            | 13.690 | 91   | 47855    | 4.830   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.959 | 117  | 11592    | 5.367   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.733 | 146  | 26905    | 5.222   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 2736     | 5.192   | ug/l   | 91       |
| 93) 1,2,4-Trichlorobenzene    | 15.001 | 180  | 15691    | 5.124   | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 9522     | 5.251   | ug/l   | 98       |
| 95) Naphthalene               | 15.233 | 128  | 28499    | 6.756   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 13827    | 4.956   | ug/l   | 97       |

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Quant Title : SW846 8260  
QLast Update : Thu Apr 13 05:55:16 2023  
Response via : Initial Calibration

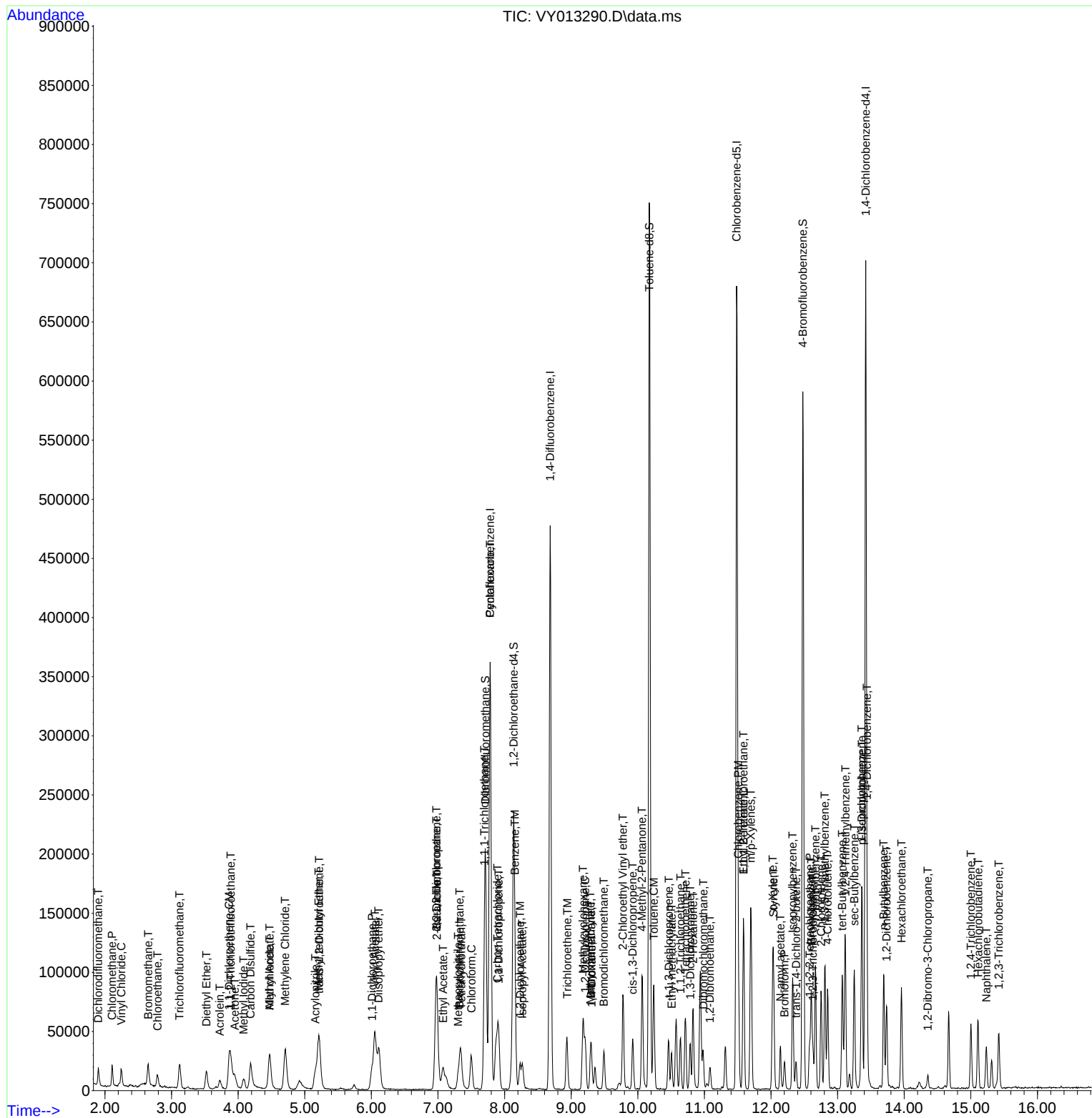
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

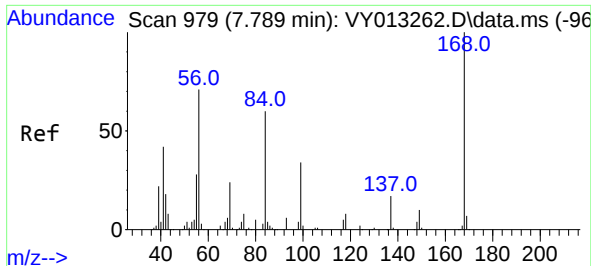
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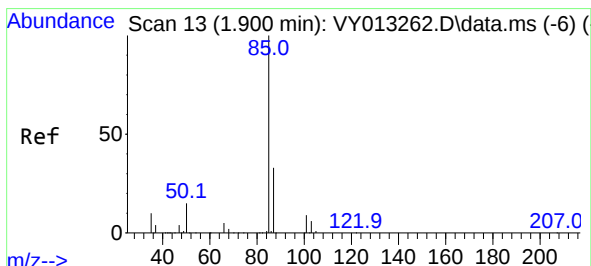
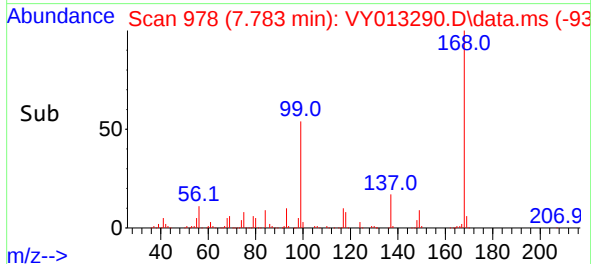
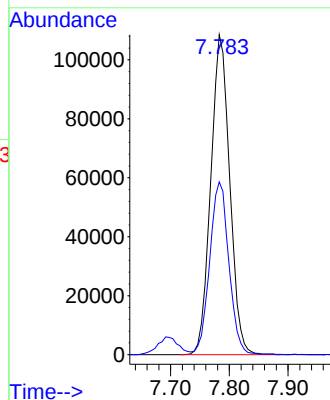
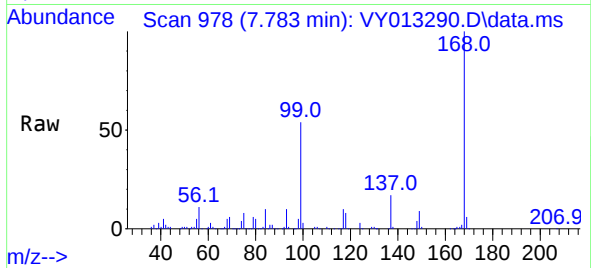




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

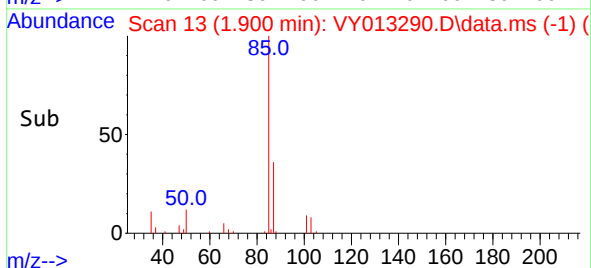
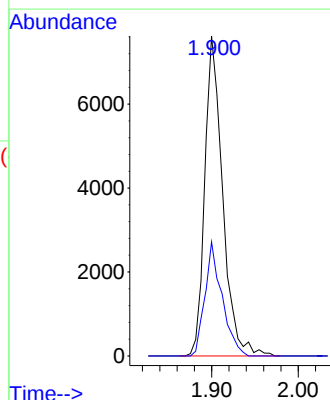
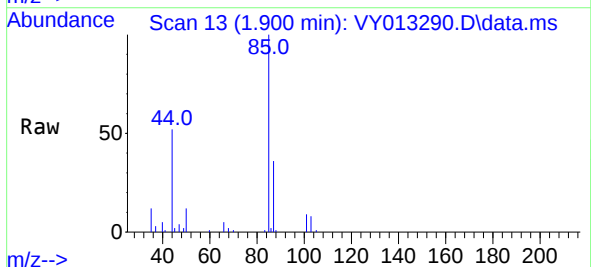
Instrument :  
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Inflationary Surcharges

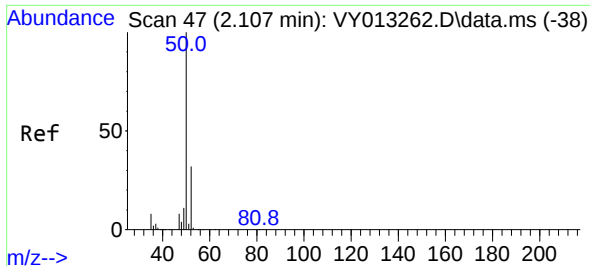
Tgt Ion:168 Resp: 243307  
Ion Ratio Lower Upper  
168 100  
99 53.9 41.7 62.5



#2  
Dichlorodifluoromethane  
Concen: 4.986 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion: 85 Resp: 10919  
Ion Ratio Lower Upper  
85 100  
87 35.6 16.7 50.0

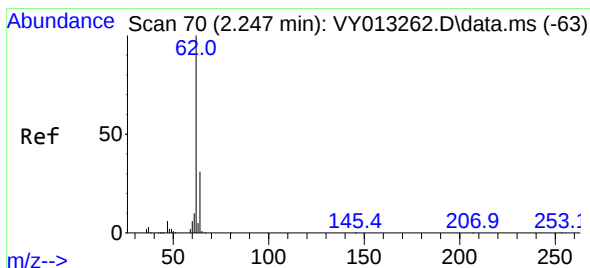
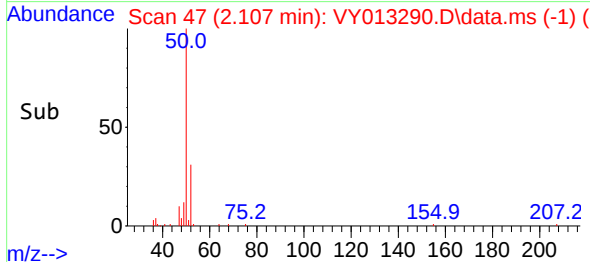
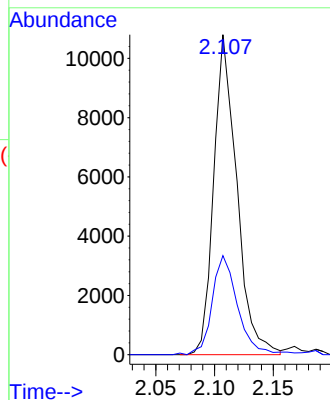
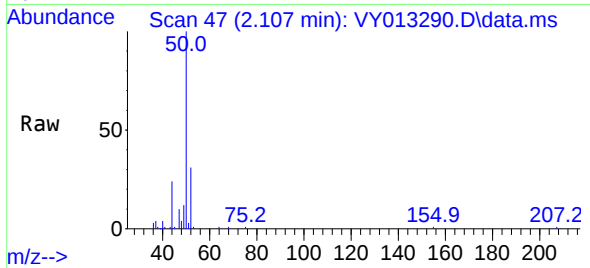




#3  
Chloromethane  
Concen: 5.364 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

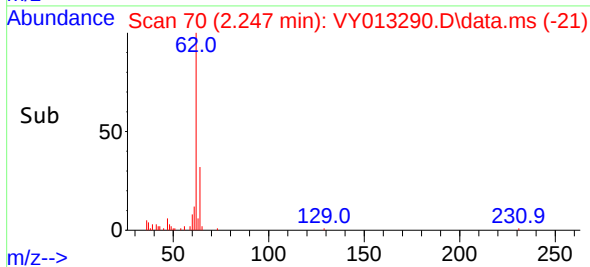
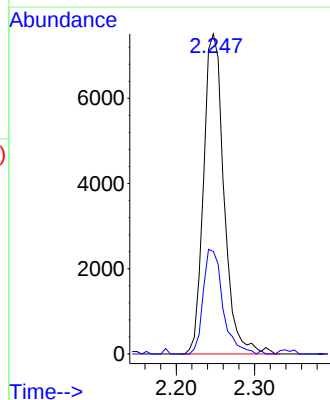
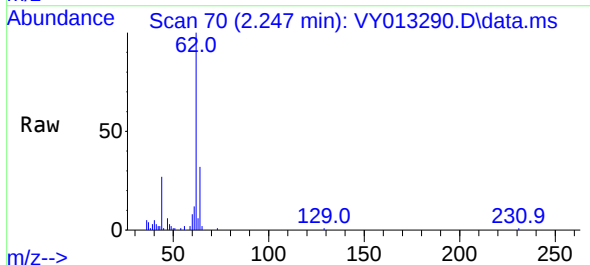
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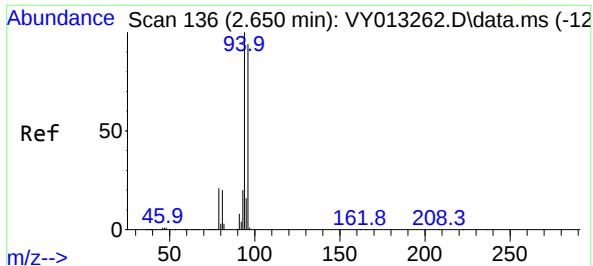
Tgt Ion: 50 Resp: 14716  
Ion Ratio Lower Upper  
50 100  
52 30.4 26.0 39.0



#4  
Vinyl Chloride  
Concen: 5.224 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion: 62 Resp: 13588  
Ion Ratio Lower Upper  
62 100  
64 32.1 25.6 38.4

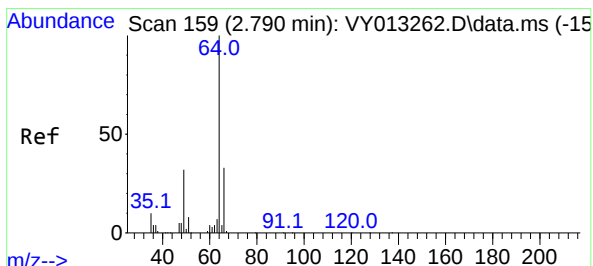
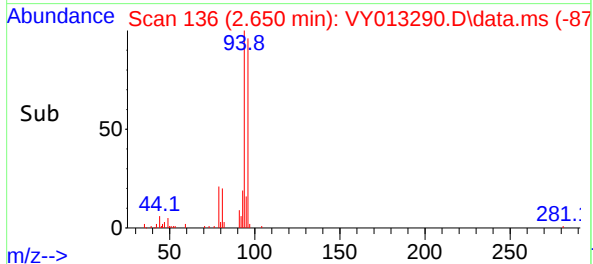
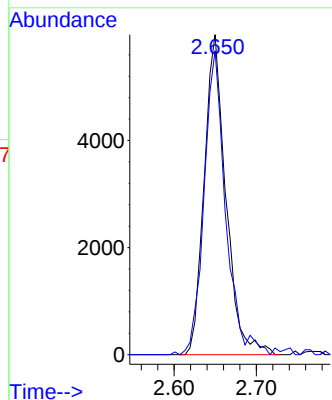
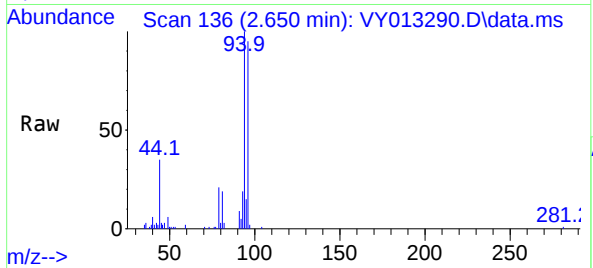




#5  
Bromomethane  
Concen: 5.496 ug/l  
RT: 2.650 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

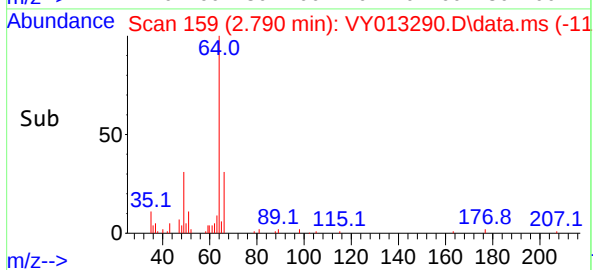
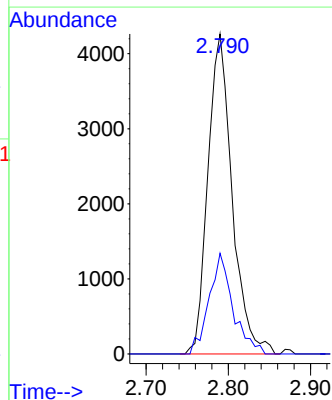
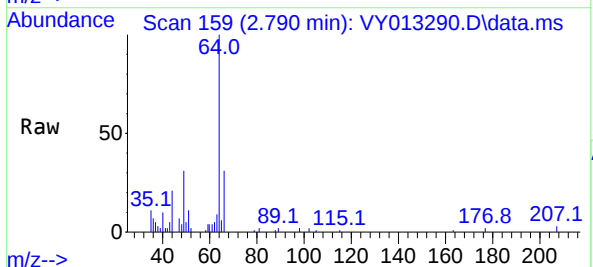
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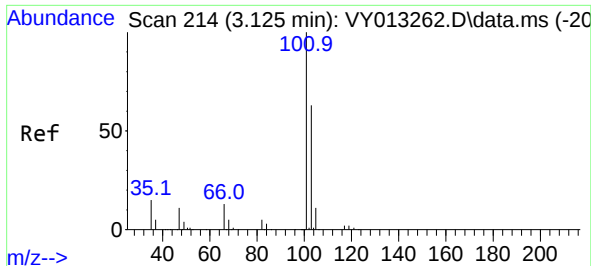
Tgt Ion: 94 Resp: 10963  
Ion Ratio Lower Upper  
94 100  
96 95.0 80.3 120.5



#6  
Chloroethane  
Concen: 4.977 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion: 64 Resp: 8730  
Ion Ratio Lower Upper  
64 100  
66 31.4 25.7 38.5

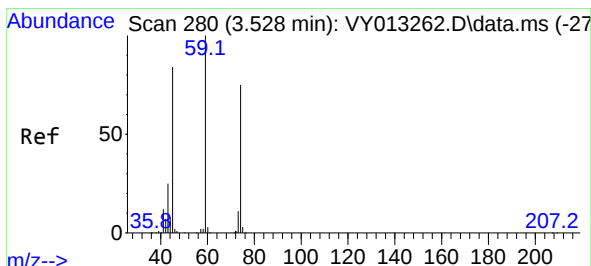
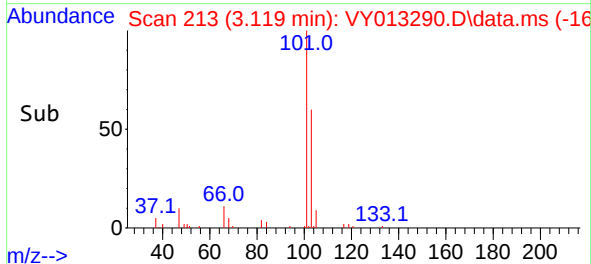
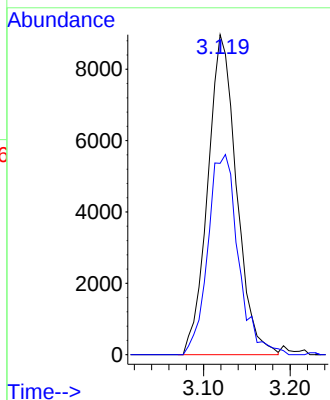
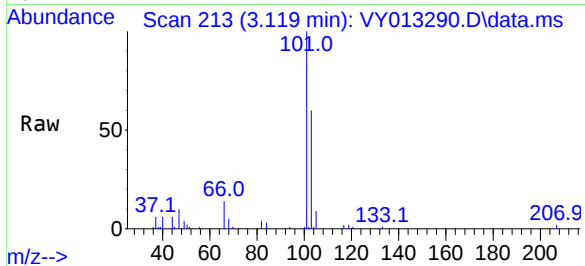




#7  
Trichlorofluoromethane  
Concen: 5.113 ug/l  
RT: 3.119 min Scan# 214  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

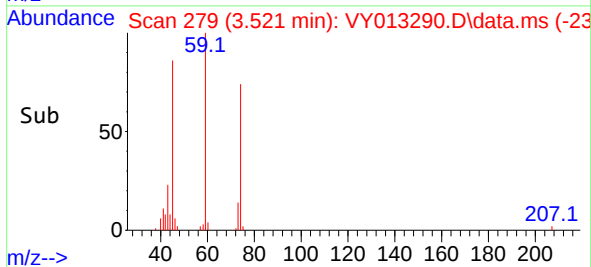
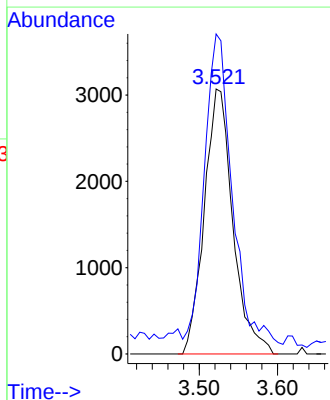
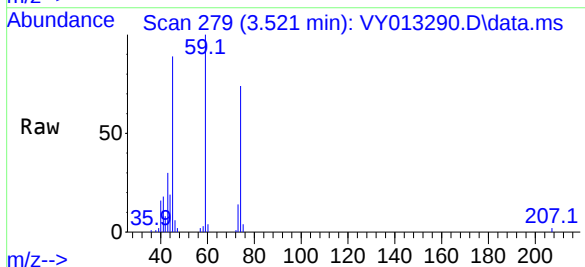
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

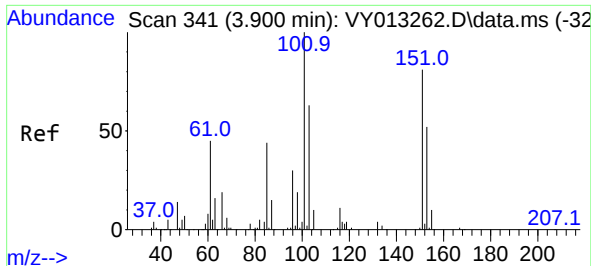
Tgt Ion:101 Resp: 20699  
Ion Ratio Lower Upper  
101 100  
103 59.8 51.5 77.3



#8  
Diethyl Ether  
Concen: 5.289 ug/l  
RT: 3.521 min Scan# 279  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion: 74 Resp: 7780  
Ion Ratio Lower Upper  
74 100  
45 115.4 52.1 156.4

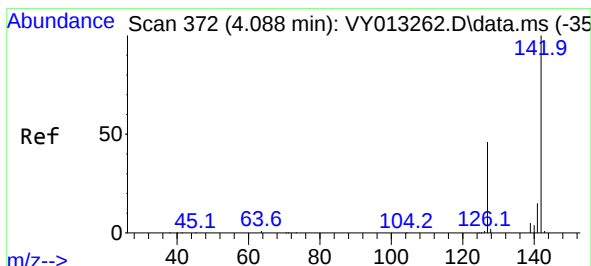
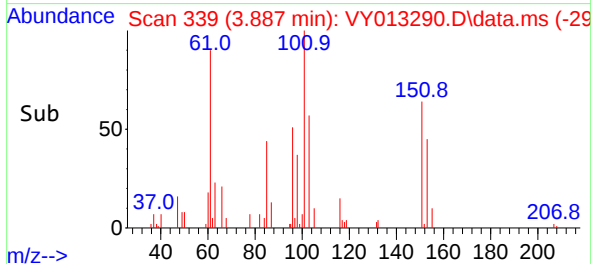
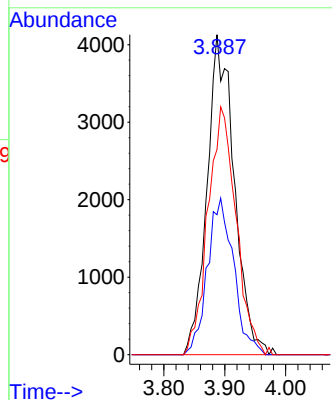
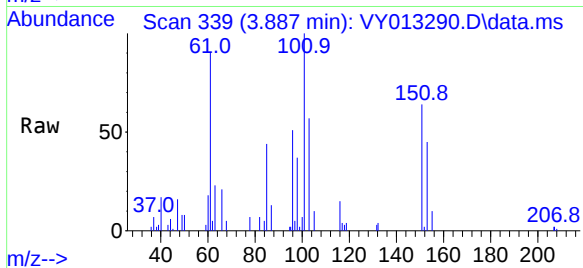




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 5.386 ug/l  
RT: 3.887 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

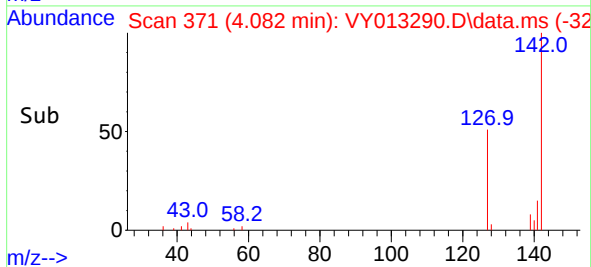
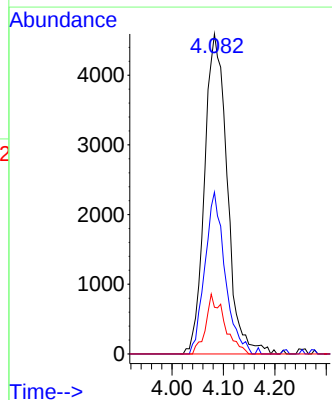
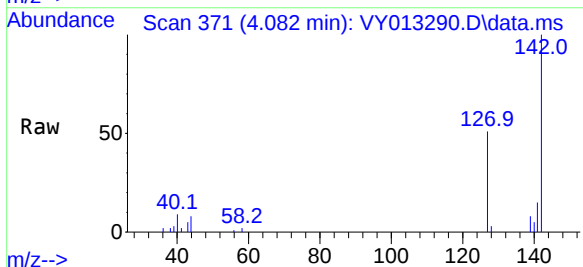
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

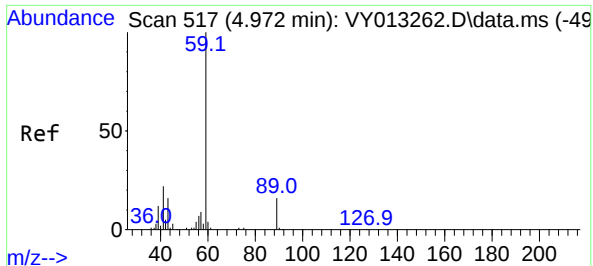
Tgt Ion:101 Resp: 12813  
Ion Ratio Lower Upper  
101 100  
85 47.2 35.3 52.9  
151 80.1 63.1 94.7



#10  
Methyl Iodide  
Concen: 4.812 ug/l  
RT: 4.082 min Scan# 371  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion:142 Resp: 14043  
Ion Ratio Lower Upper  
142 100  
127 45.0 35.4 53.2  
141 15.5 11.3 16.9

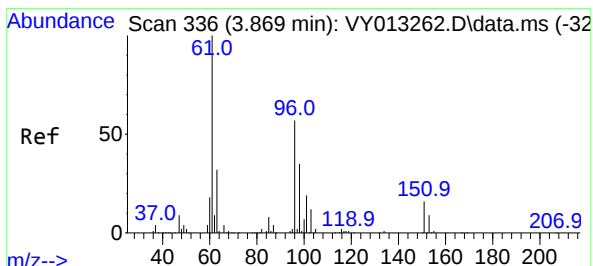
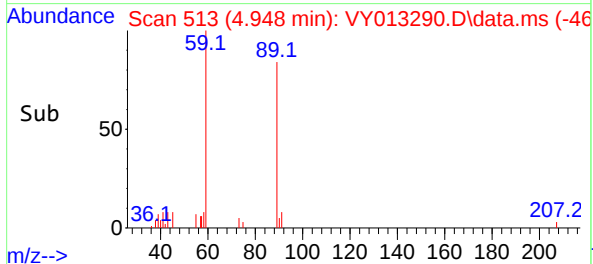
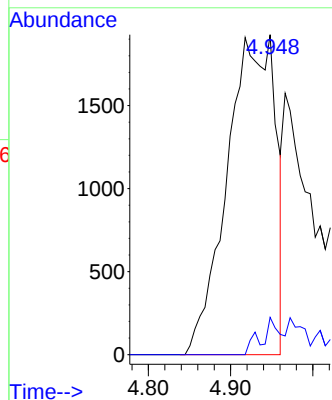
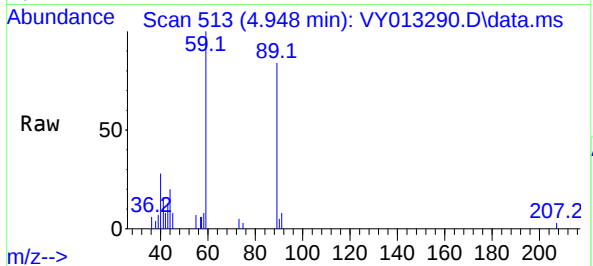




#11  
Tert butyl alcohol  
Concen: Below Cal  
RT: 4.948 min Scan# 51  
Delta R.T. -0.024 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

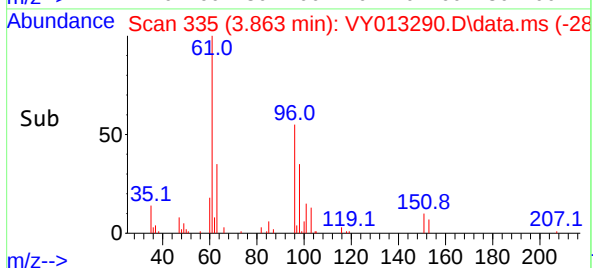
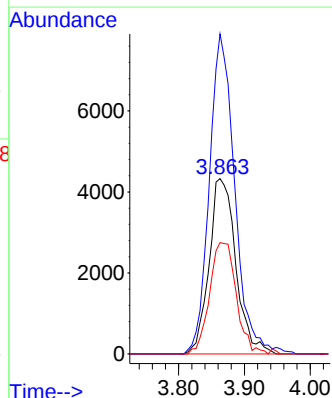
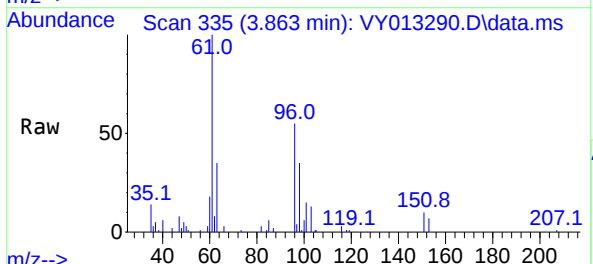
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

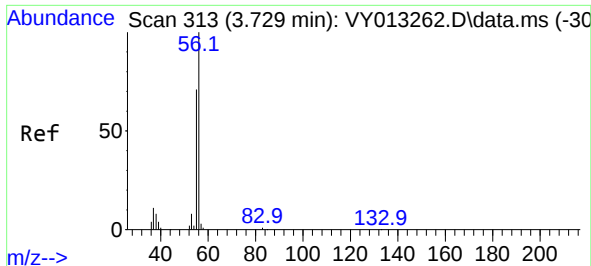
Tgt Ion: 59 Resp: 7811  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.7 11.5#



#12  
1,1-Dichloroethene  
Concen: 5.357 ug/l  
RT: 3.863 min Scan# 335  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion: 96 Resp: 12264  
Ion Ratio Lower Upper  
96 100  
61 182.5 131.7 197.5  
98 63.5 52.0 78.0





#13

Acrolein

Concen: 26.398 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY013290.D

Acq: 13 Apr 2023 12:56

Instrument :

MSVOA\_Y

ClientSampleId :

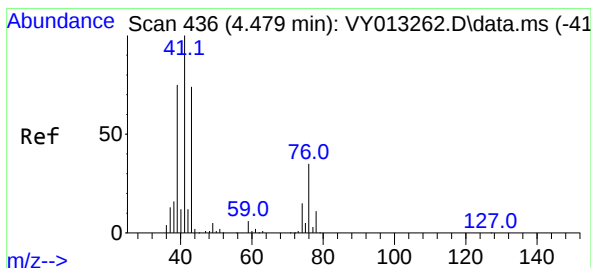
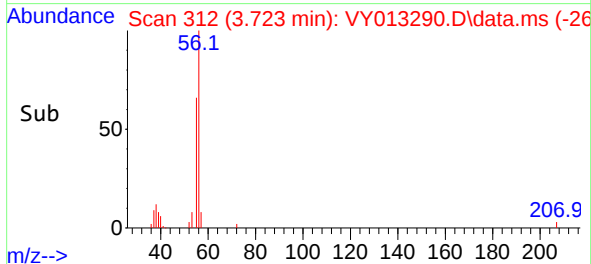
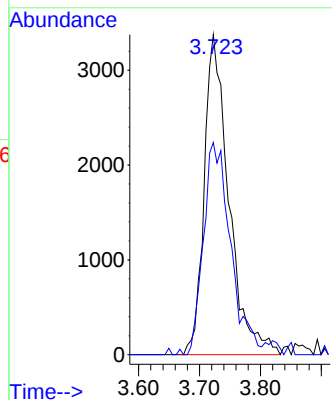
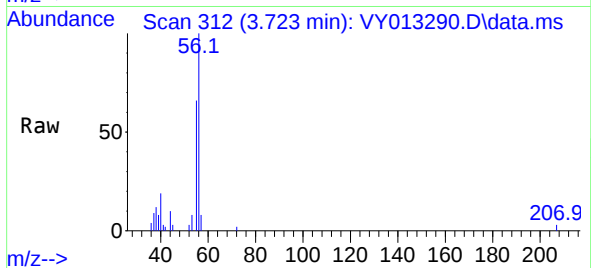
Inflationary Surcharges

Tgt Ion: 56 Resp: 9482

Ion Ratio Lower Upper

56 100

55 72.7 56.8 85.2



#14

Allyl chloride

Concen: 5.334 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY013290.D

Acq: 13 Apr 2023 12:56

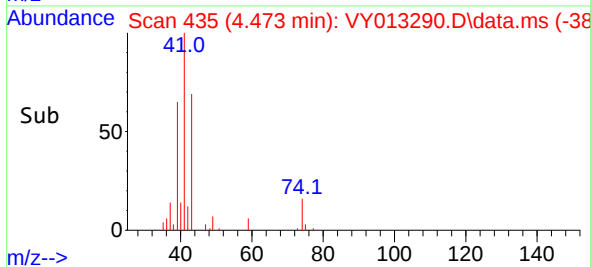
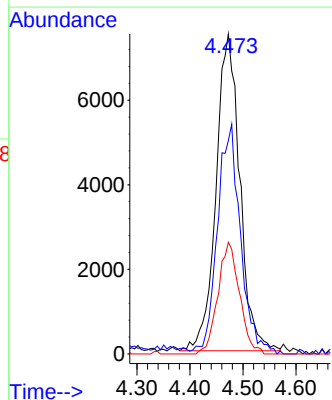
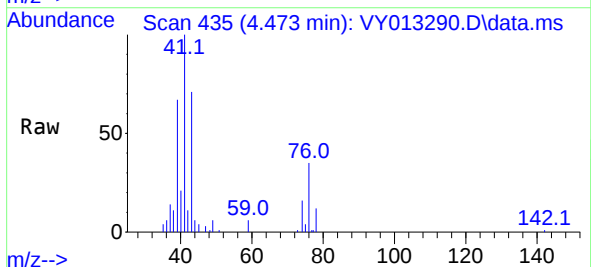
Tgt Ion: 41 Resp: 23327

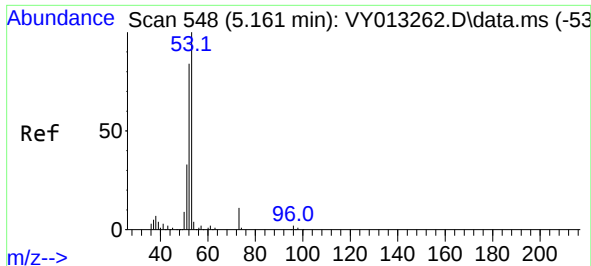
Ion Ratio Lower Upper

41 100

39 70.5 53.6 80.4

76 32.0 27.2 40.8

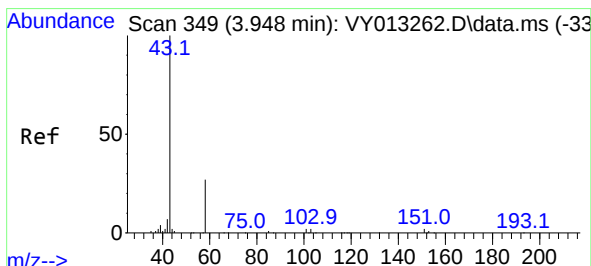
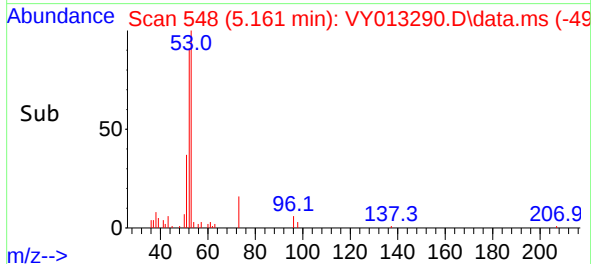
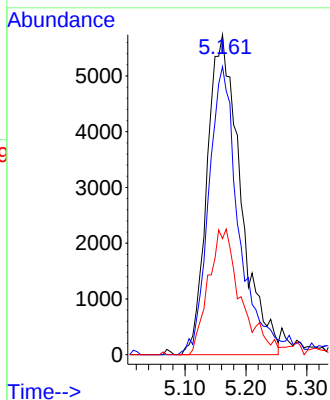
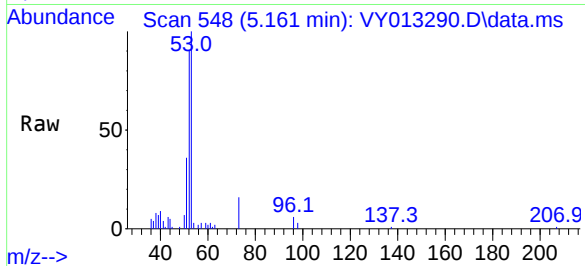




#15  
Acrylonitrile  
Concen: 25.833 ug/l  
RT: 5.161 min Scan# 548  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

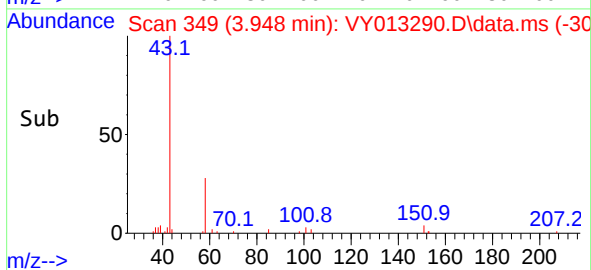
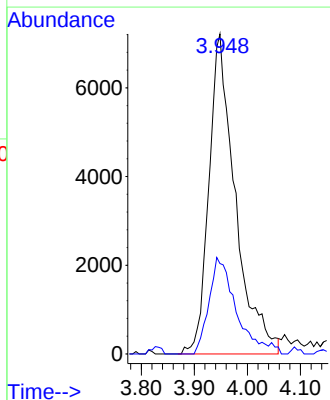
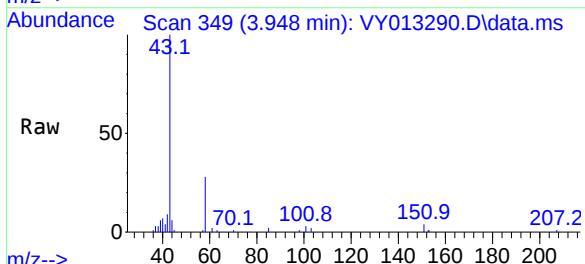
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

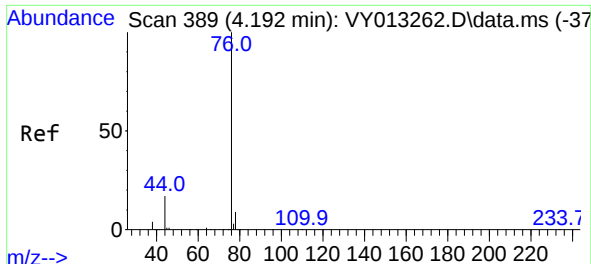
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 21834 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 81.1  | 66.3  | 99.5  |
| 51       | 38.5  | 28.8  | 43.2  |



#16  
Acetone  
Concen: 24.801 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 24934 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 28.3  | 24.2  | 36.2  |

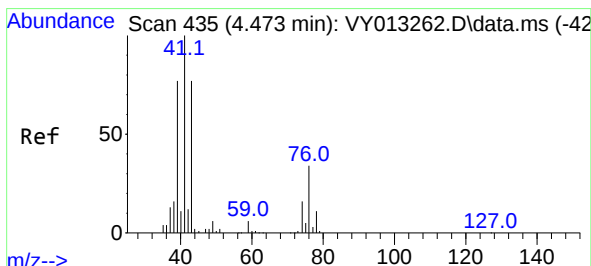
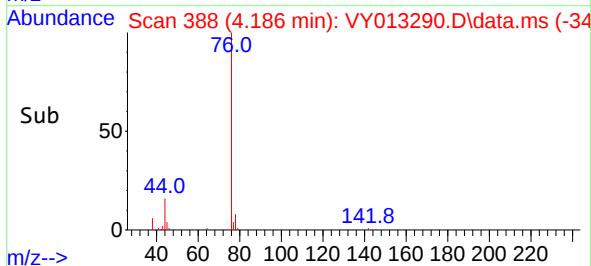
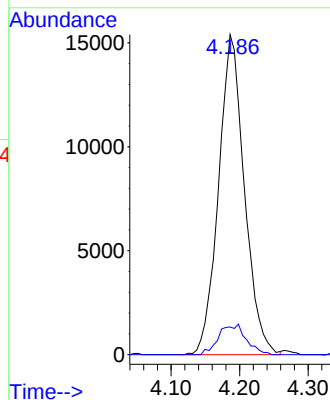
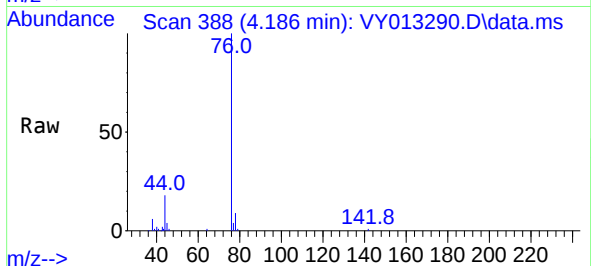




#17  
Carbon Disulfide  
Concen: 5.341 ug/l  
RT: 4.186 min Scan# 389  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

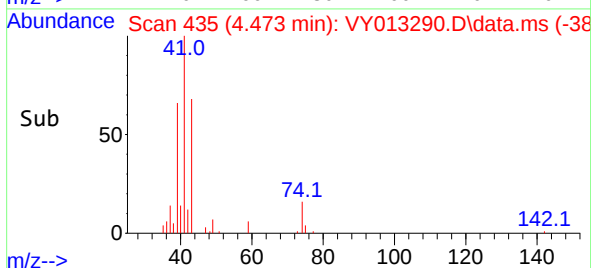
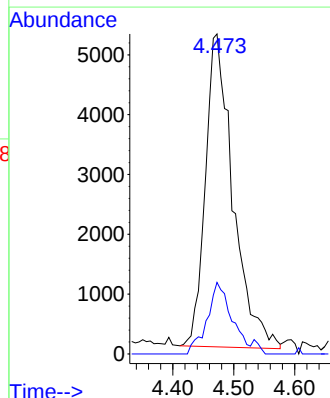
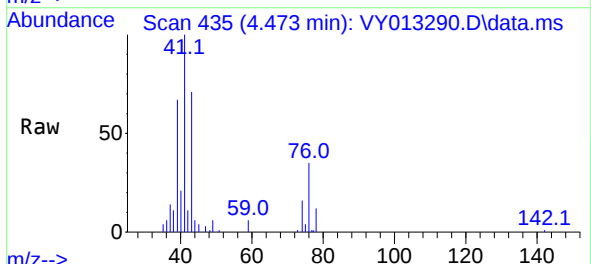
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

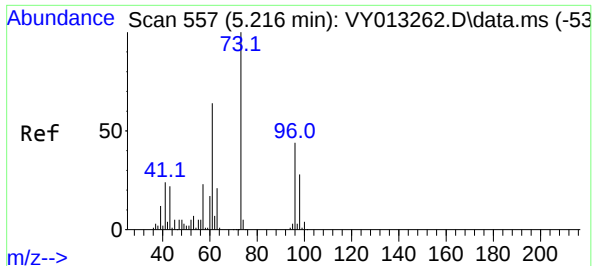
Tgt Ion: 76 Resp: 40259  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.1 10.7



#18  
Methyl Acetate  
Concen: 5.069 ug/l  
RT: 4.473 min Scan# 435  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion: 43 Resp: 16482  
Ion Ratio Lower Upper  
43 100  
74 20.3 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 4.924 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY013290.D

Acq: 13 Apr 2023 12:56

Instrument :

MSVOA\_Y

ClientSampleId :

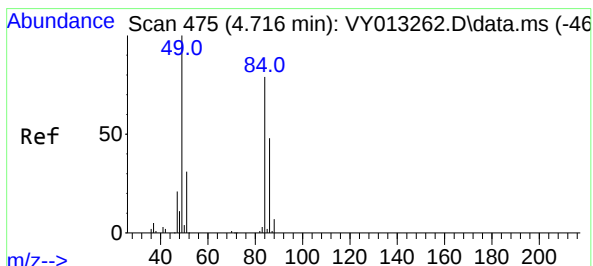
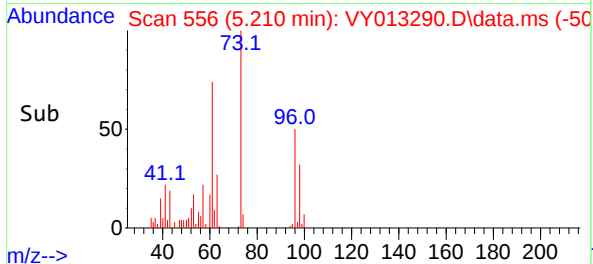
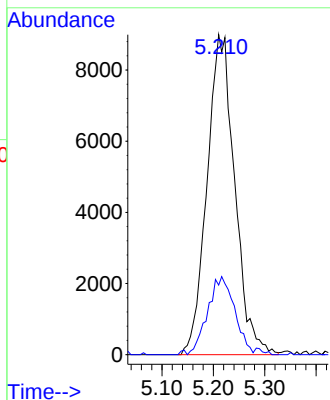
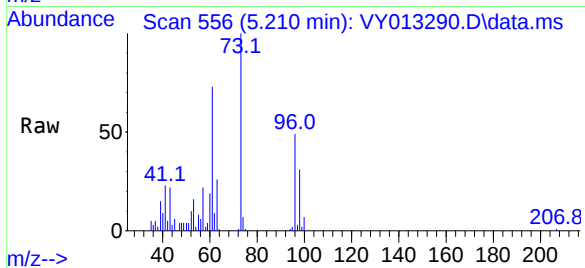
Inflationary Surcharges

Tgt Ion: 73 Resp: 33772

Ion Ratio Lower Upper

73 100

57 21.8 18.3 27.5



#20

Methylene Chloride

Concen: 4.858 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.012 min

Lab File: VY013290.D

Acq: 13 Apr 2023 12:56

Tgt Ion: 84 Resp: 23142

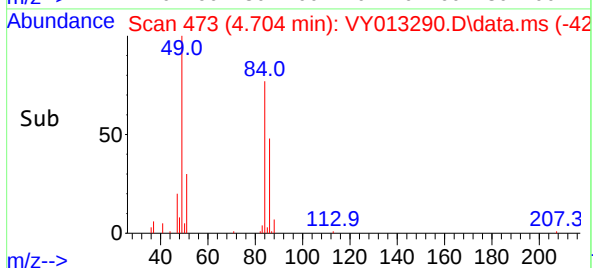
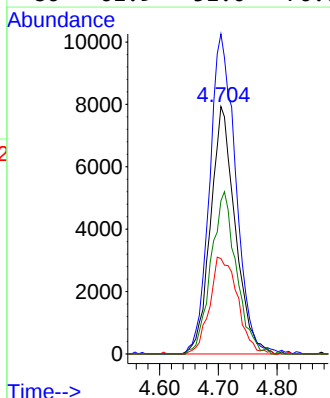
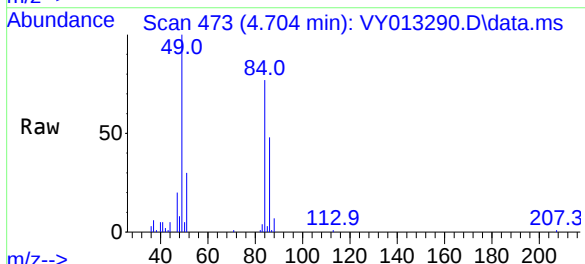
Ion Ratio Lower Upper

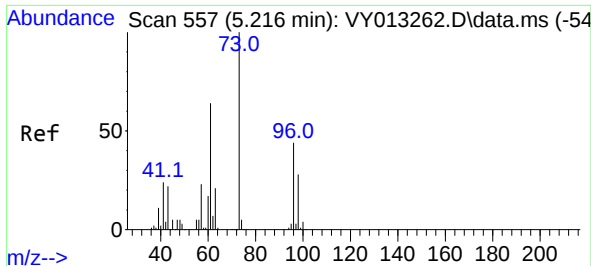
84 100

49 129.4 102.6 154.0

51 38.6 31.9 47.9

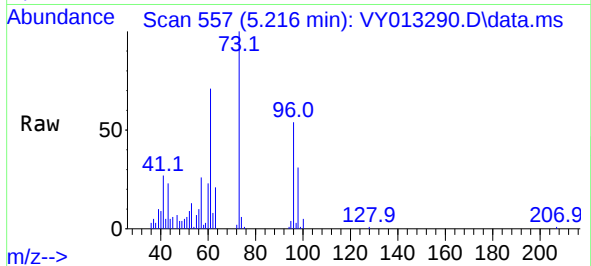
86 61.9 51.0 76.6



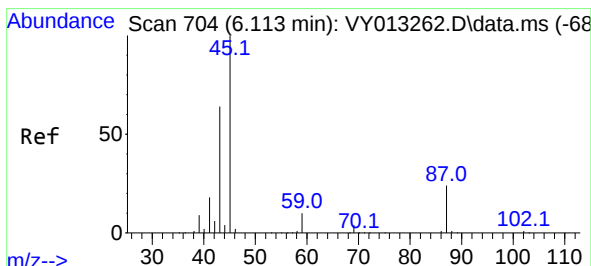
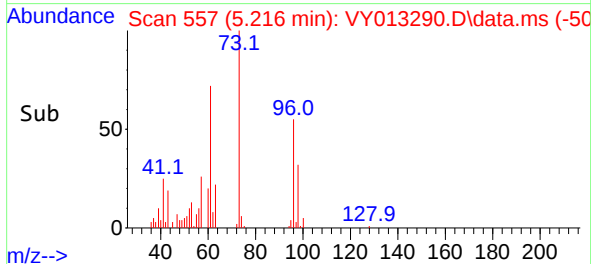
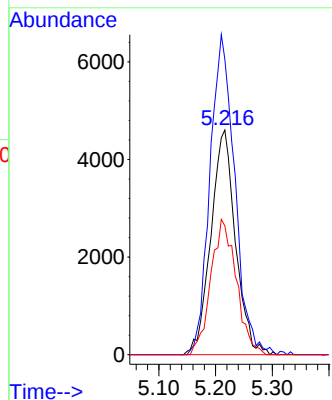


#21  
trans-1,2-Dichloroethene  
Concen: 5.314 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

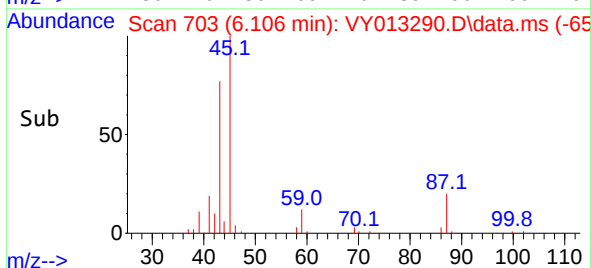
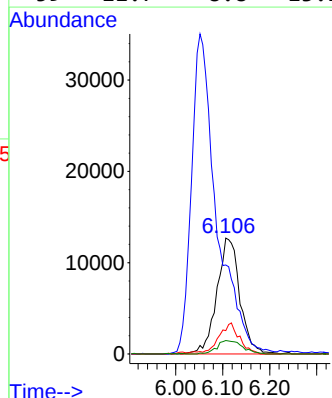
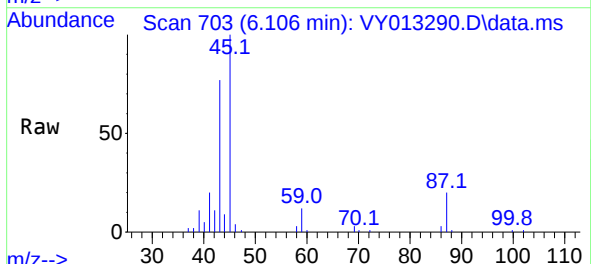


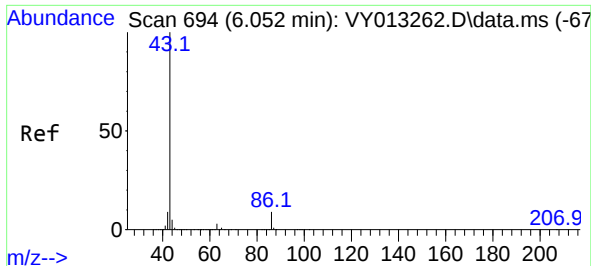
Tgt Ion: 96 Resp: 13889  
Ion Ratio Lower Upper  
96 100  
61 131.6 111.4 167.0  
98 57.4 50.8 76.2



#22  
Diisopropyl ether  
Concen: 4.995 ug/l  
RT: 6.106 min Scan# 703  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion: 45 Resp: 43052  
Ion Ratio Lower Upper  
45 100  
43 73.7 45.0 67.6#  
87 20.2 20.3 30.5#  
59 11.7 8.8 13.2

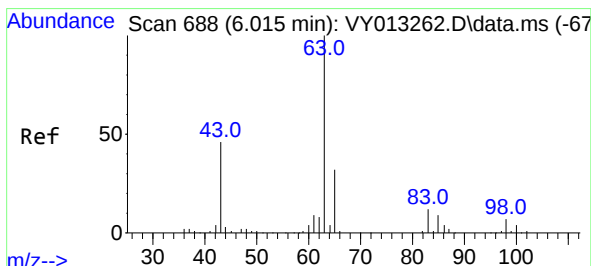
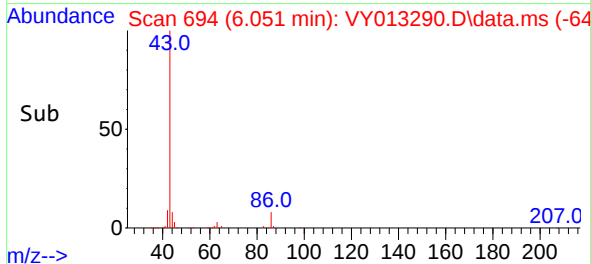
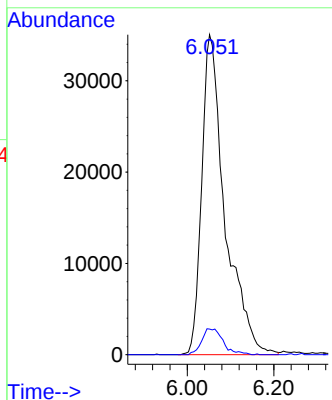
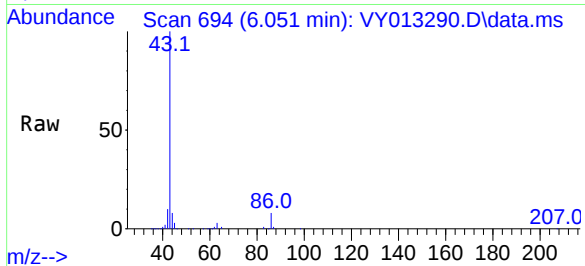




#23  
 Vinyl Acetate  
 Concen: 24.008 ug/l  
 RT: 6.051 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: VY013290.D  
 Acq: 13 Apr 2023 12:56

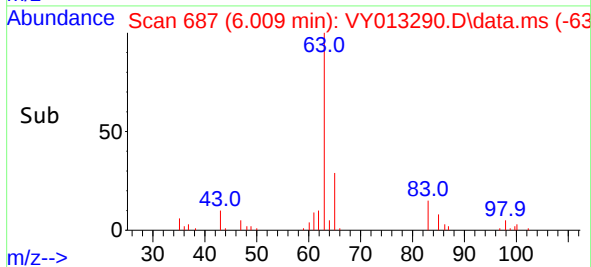
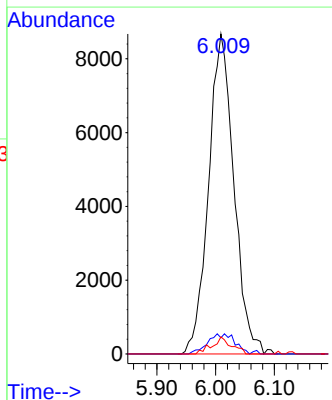
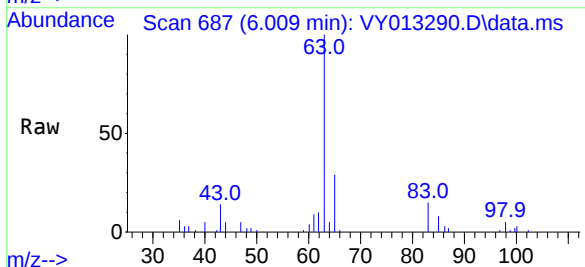
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 Inflationary Surcharges

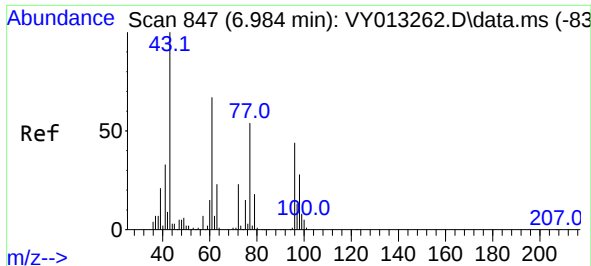
Tgt Ion: 43 Resp: 130814  
 Ion Ratio Lower Upper  
 43 100  
 86 8.0 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 5.408 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. -0.006 min  
 Lab File: VY013290.D  
 Acq: 13 Apr 2023 12:56

Tgt Ion: 63 Resp: 26037  
 Ion Ratio Lower Upper  
 63 100  
 98 5.0 3.7 11.1  
 100 5.3 2.3 6.8

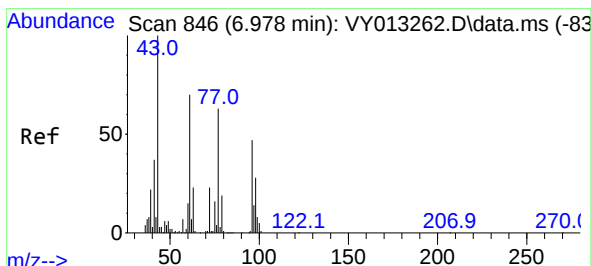
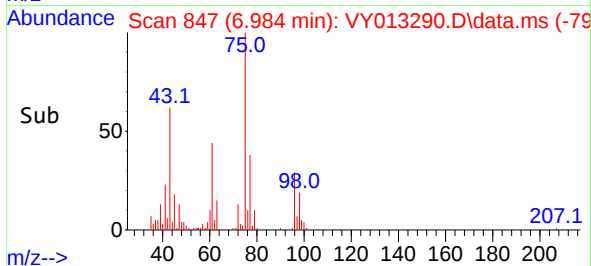
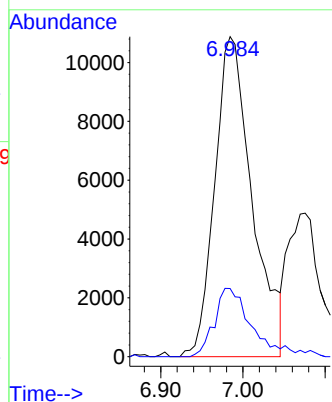
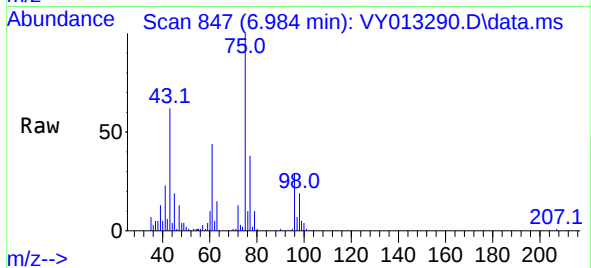




#25  
2-Butanone  
Concen: 26.704 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

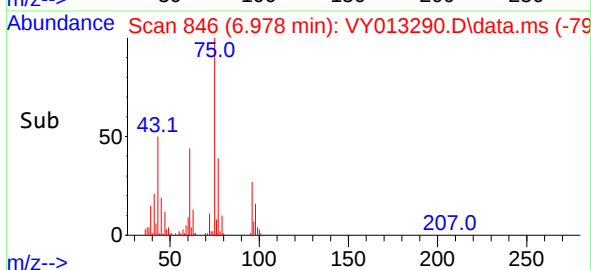
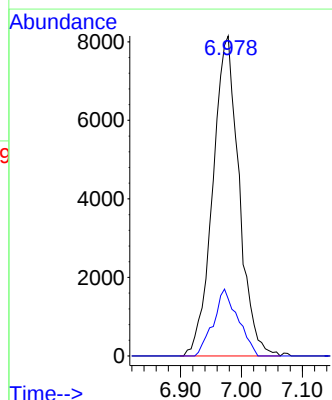
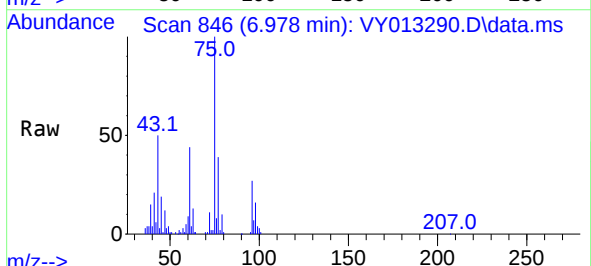
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

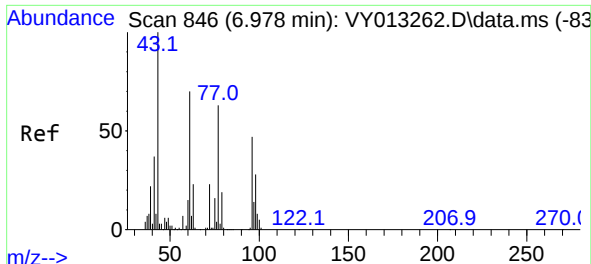
Tgt Ion: 43 Resp: 34375  
Ion Ratio Lower Upper  
43 100  
72 21.3 21.0 31.4



#26  
2,2-Dichloropropane  
Concen: 5.633 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion: 77 Resp: 24332  
Ion Ratio Lower Upper  
77 100  
97 19.6 11.7 35.0

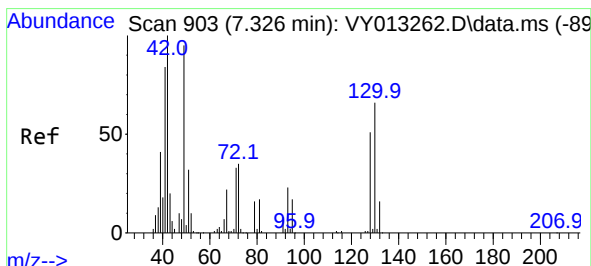
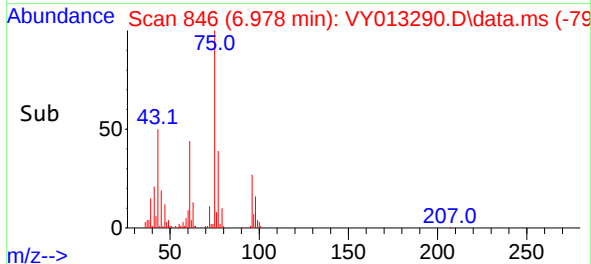
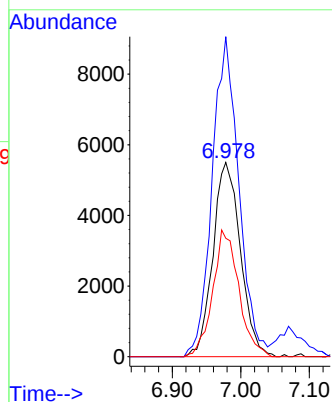
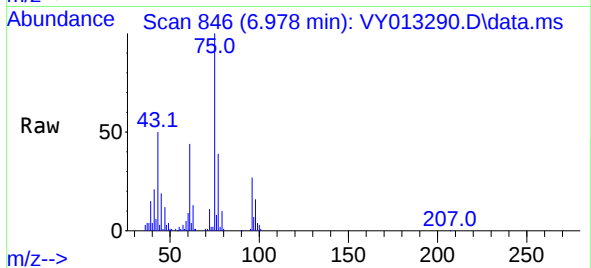




#27  
cis-1,2-Dichloroethene  
Concen: 5.392 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

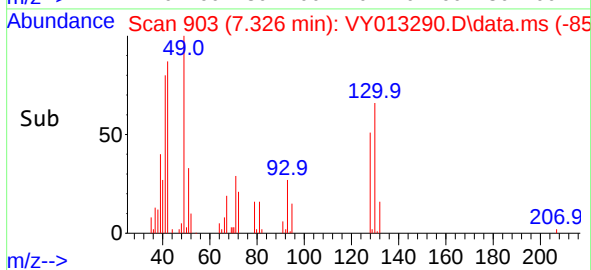
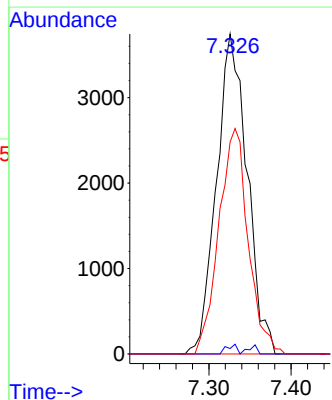
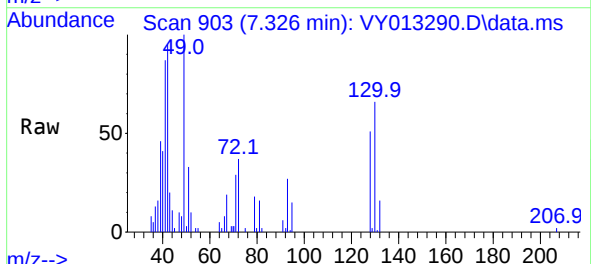
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

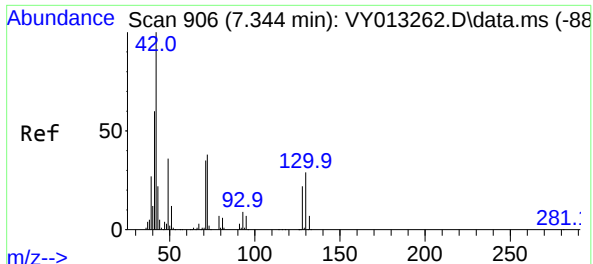
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 15323 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 159.8 | 0.0   | 295.8 |
| 98       | 61.8  | 0.0   | 130.2 |



#28  
Bromochloromethane  
Concen: 5.047 ug/l  
RT: 7.326 min Scan# 903  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 9685  |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.0   | 0.0   | 4.2   |
| 130      | 67.6  | 60.5  | 90.7  |

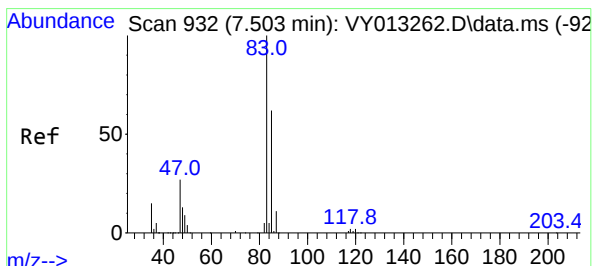
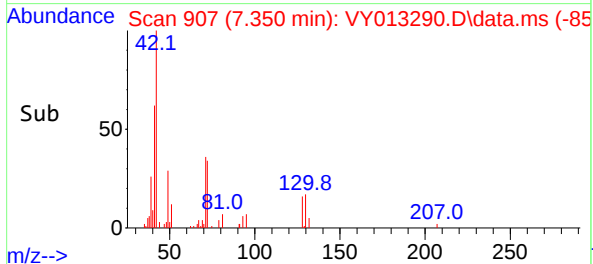
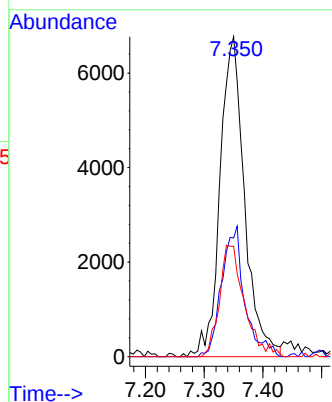
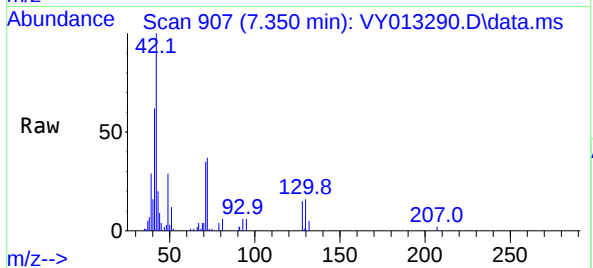




#29  
Tetrahydrofuran  
Concen: 25.051 ug/l  
RT: 7.350 min Scan# 906  
Delta R.T. 0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

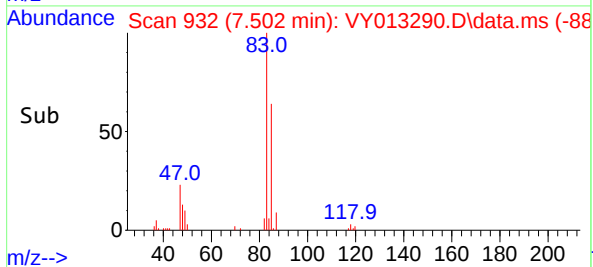
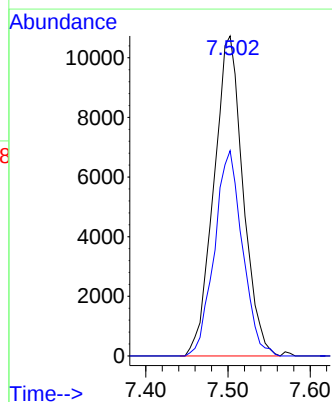
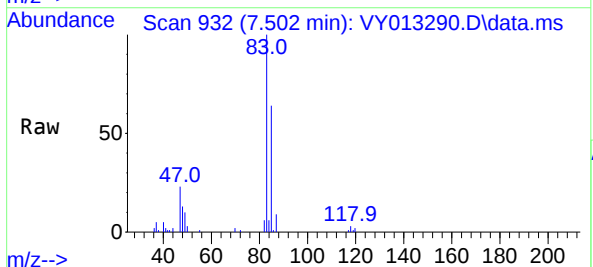
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

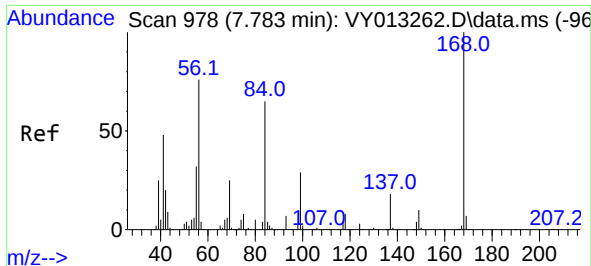
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 19585 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 38.2  | 32.3  | 48.5  |
| 71       | 34.4  | 30.3  | 45.5  |



#30  
Chloroform  
Concen: 5.431 ug/l  
RT: 7.502 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 26463 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.2  | 51.4  | 77.0  |

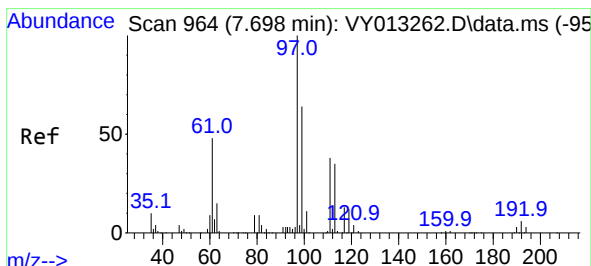
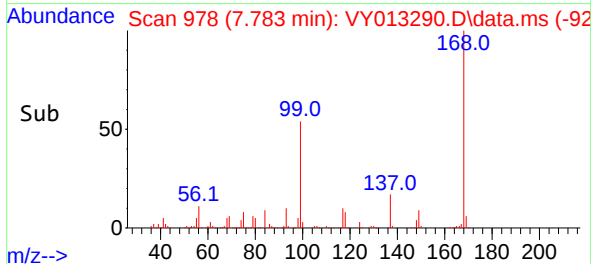
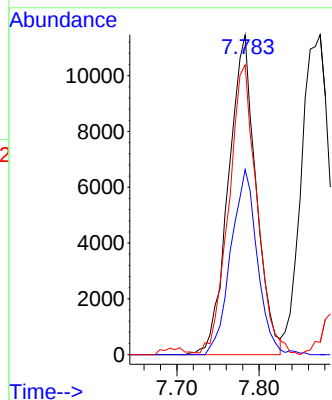
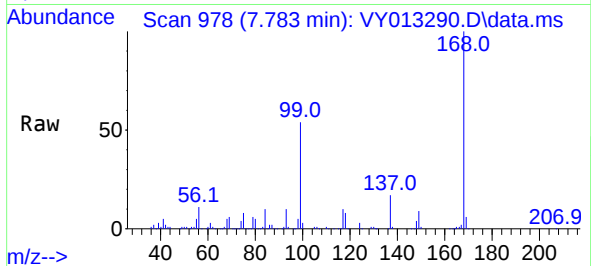




#31  
Cyclohexane  
Concen: 6.043 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

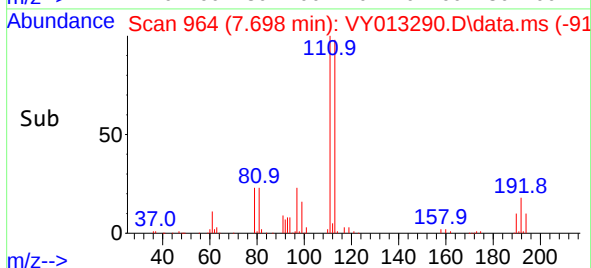
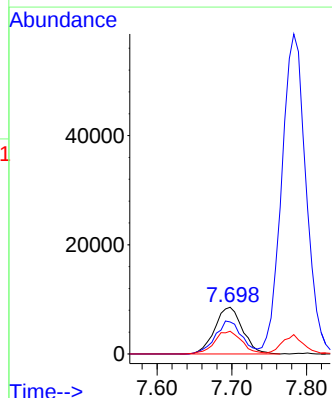
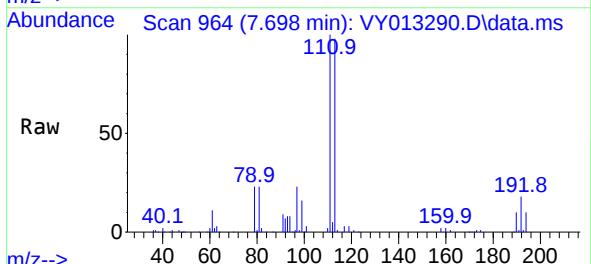
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

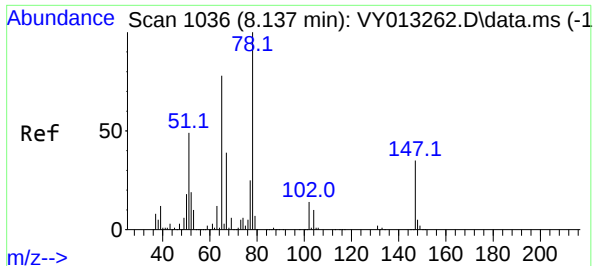
Tgt Ion: 56 Resp: 26717  
Ion Ratio Lower Upper  
56 100  
69 57.9 25.7 38.5#  
84 88.5 64.3 96.5



#32  
1,1,1-Trichloroethane  
Concen: 5.004 ug/l  
RT: 7.698 min Scan# 964  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion: 97 Resp: 22057  
Ion Ratio Lower Upper  
97 100  
99 67.8 51.0 76.6  
61 48.2 34.5 51.7

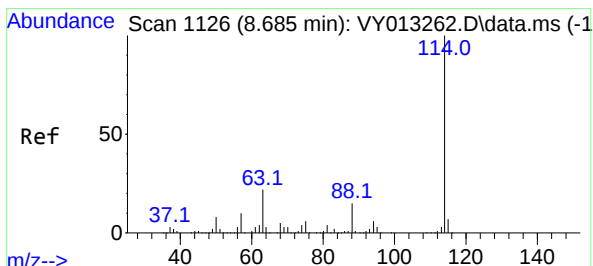
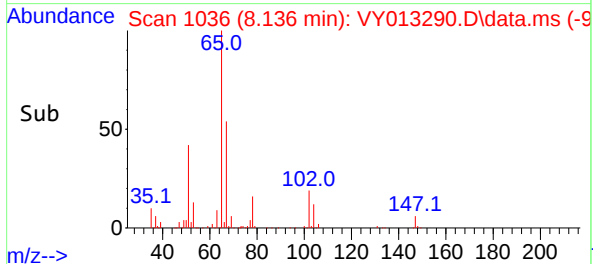
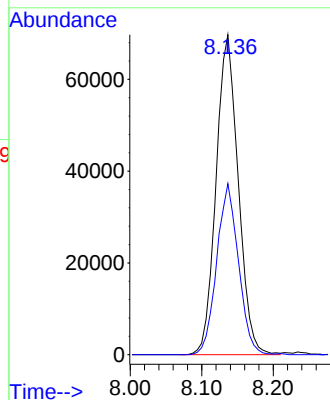
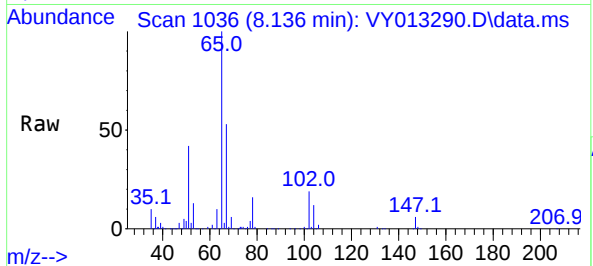




#33  
1,2-Dichloroethane-d4  
Concen: 51.340 ug/l  
RT: 8.136 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

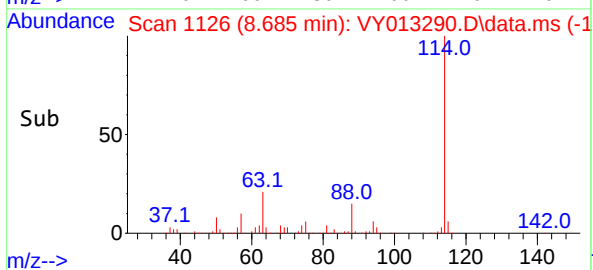
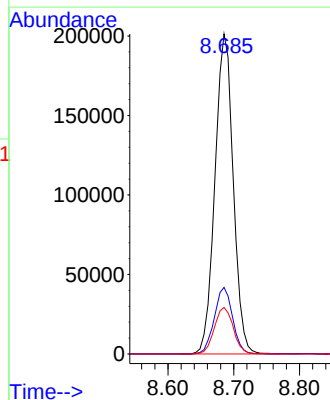
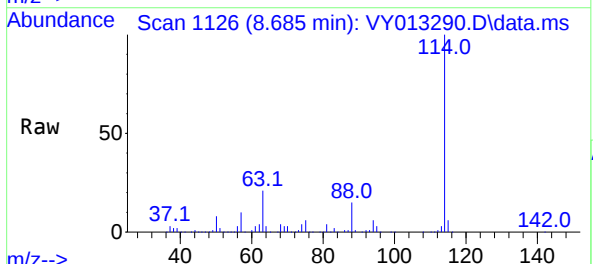
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

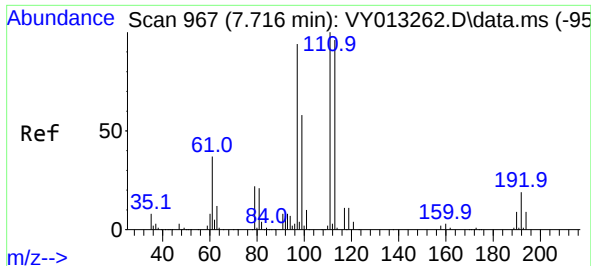
Tgt Ion: 65 Resp: 150119  
Ion Ratio Lower Upper  
65 100  
67 52.5 0.0 104.0



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.685 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion:114 Resp: 389241  
Ion Ratio Lower Upper  
114 100  
63 20.8 0.0 37.4  
88 14.6 0.0 28.6

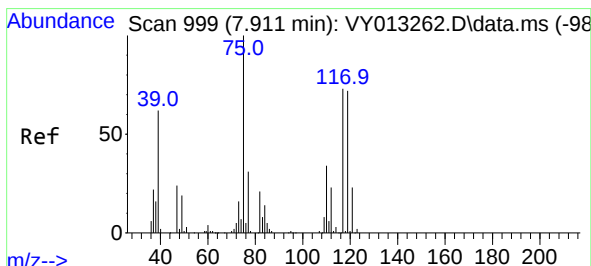
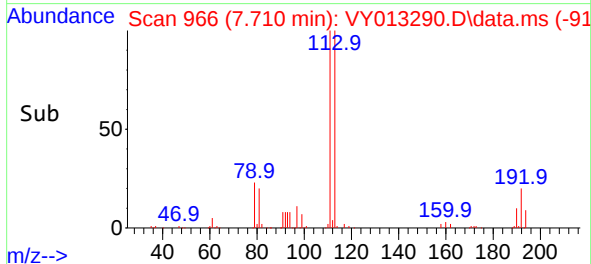
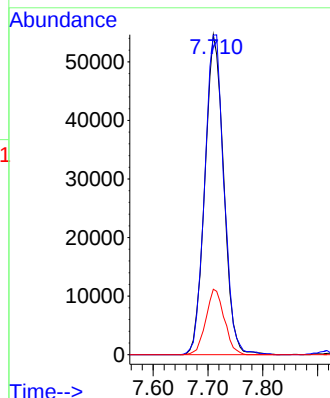
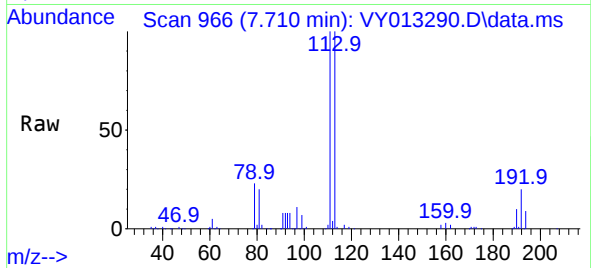




#35  
Dibromofluoromethane  
Concen: 51.647 ug/l  
RT: 7.710 min Scan# 967  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

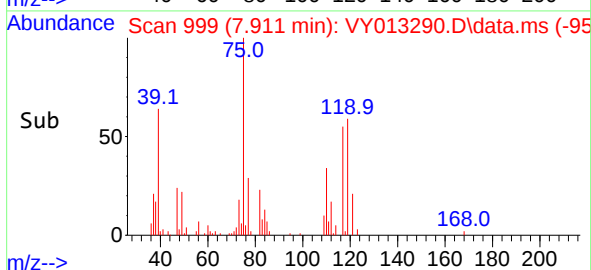
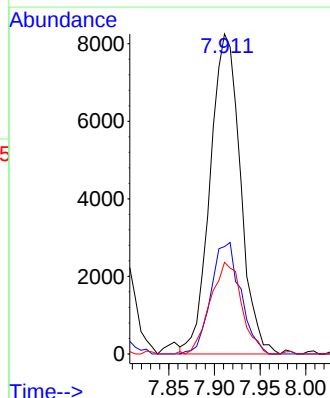
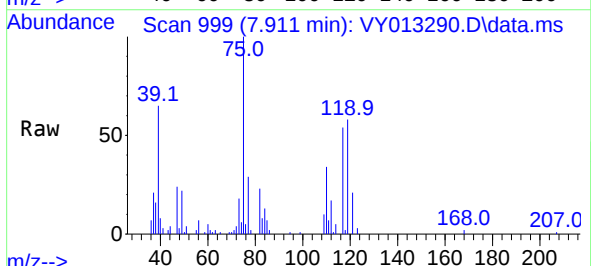
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

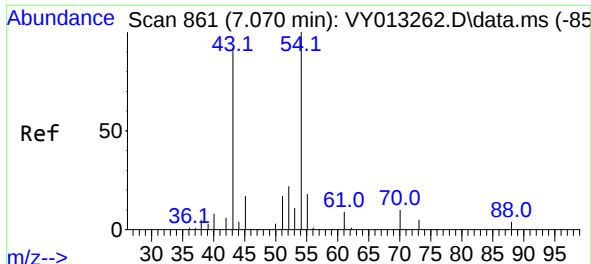
Tgt Ion:113 Resp: 130146  
Ion Ratio Lower Upper  
113 100  
111 101.9 82.2 123.2  
192 20.1 16.8 25.2



#36  
1,1-Dichloropropene  
Concen: 4.974 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion: 75 Resp: 18990  
Ion Ratio Lower Upper  
75 100  
110 34.1 17.8 53.3  
77 29.7 25.0 37.4





#37

Ethyl Acetate

Concen: 4.329 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY013290.D

Acq: 13 Apr 2023 12:56

Instrument :

MSVOA\_Y

ClientSampleId :

Inflationary Surcharges

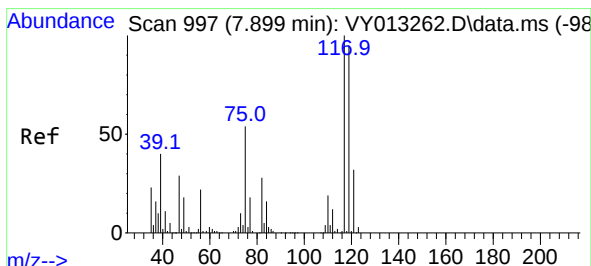
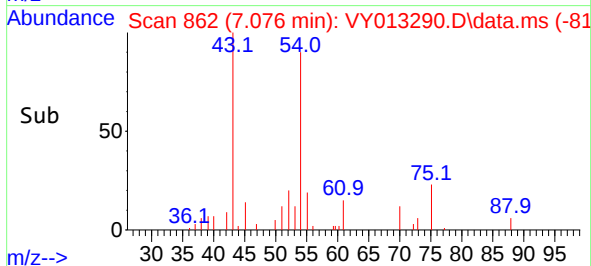
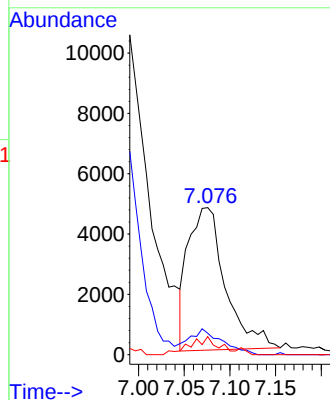
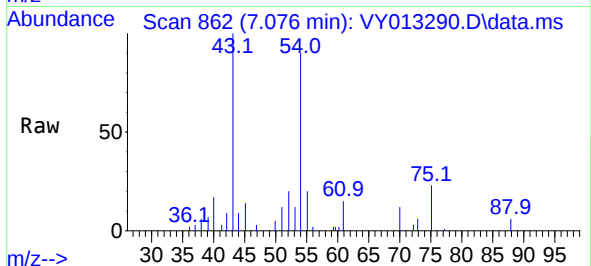
Tgt Ion: 43 Resp: 13321

Ion Ratio Lower Upper

43 100

61 16.6 10.7 16.1#

70 9.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 4.868 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY013290.D

Acq: 13 Apr 2023 12:56

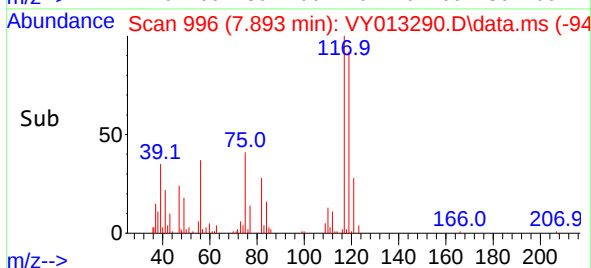
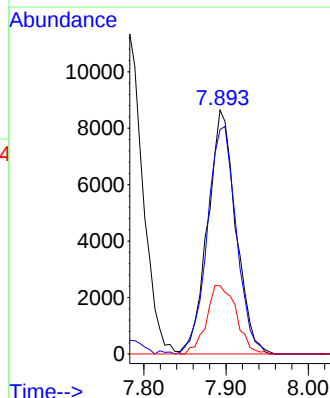
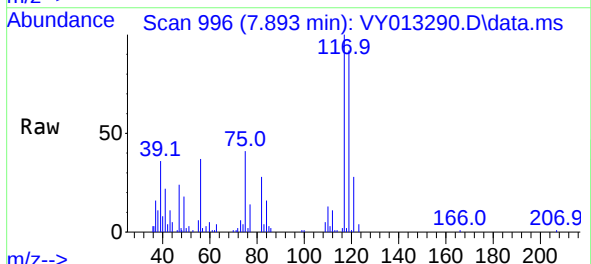
Tgt Ion: 117 Resp: 20547

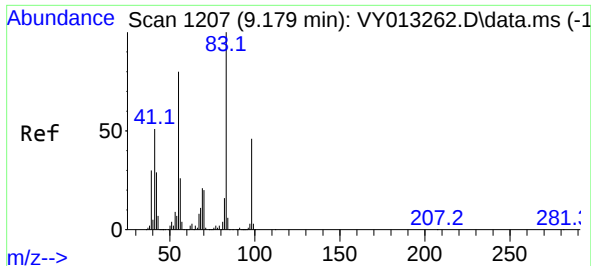
Ion Ratio Lower Upper

117 100

119 92.0 77.2 115.8

121 28.0 24.7 37.1





#39

Methylcyclohexane

Concen: 4.800 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013290.D

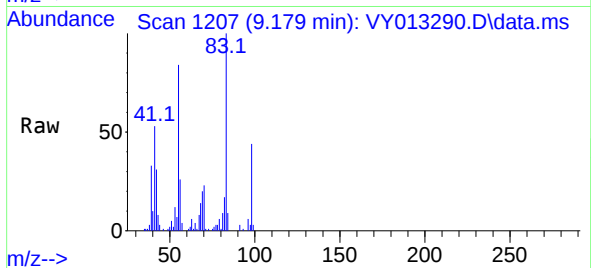
Acq: 13 Apr 2023 12:56

Instrument :

MSVOA\_Y

ClientSampleId :

Inflationary Surcharges



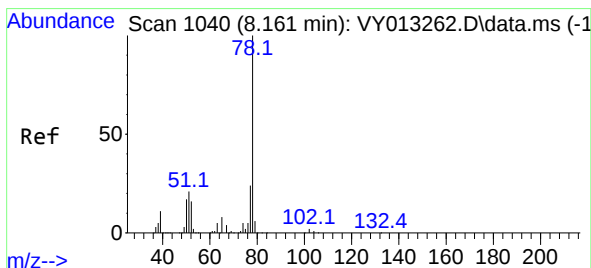
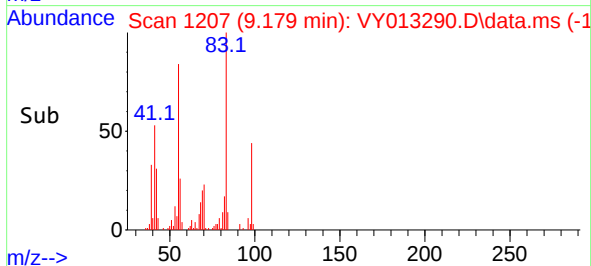
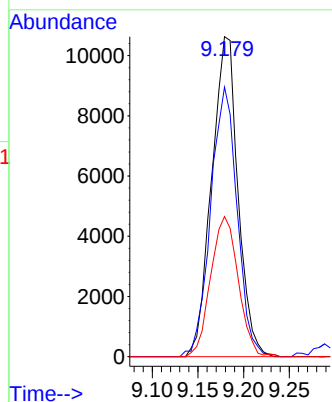
Tgt Ion: 83 Resp: 21301

Ion Ratio Lower Upper

83 100

55 84.2 60.0 90.0

98 43.8 38.3 57.5



#40

Benzene

Concen: 4.978 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013290.D

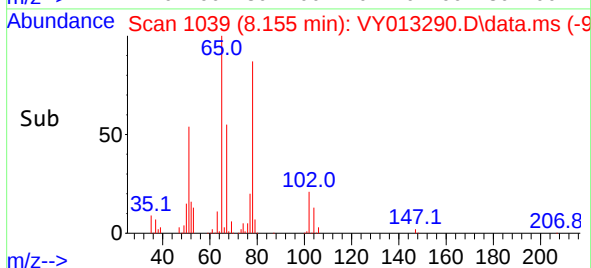
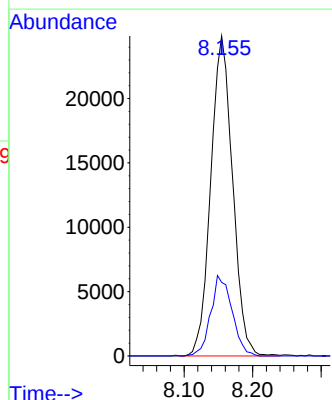
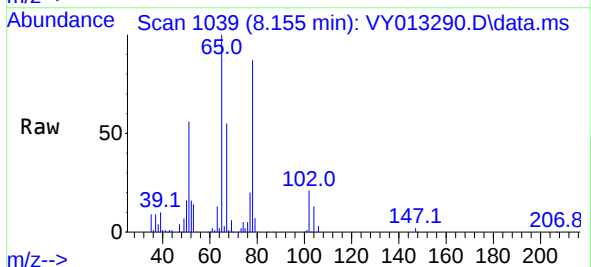
Acq: 13 Apr 2023 12:56

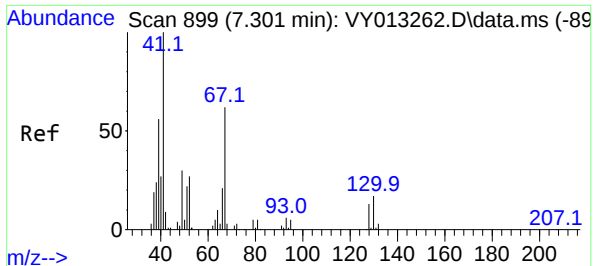
Tgt Ion: 78 Resp: 55006

Ion Ratio Lower Upper

78 100

77 23.0 19.4 29.0

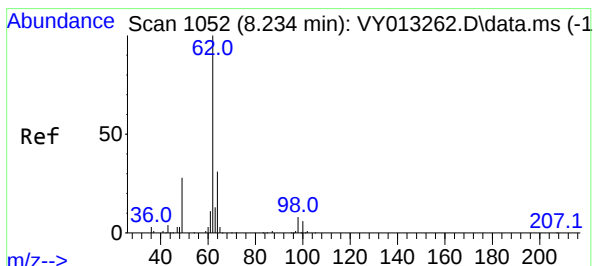
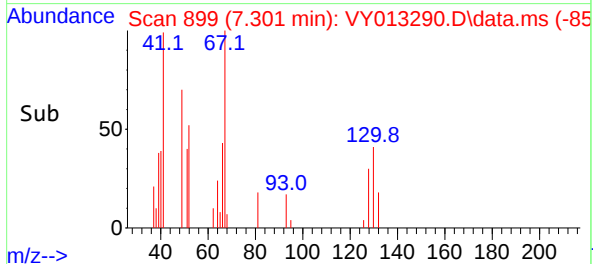
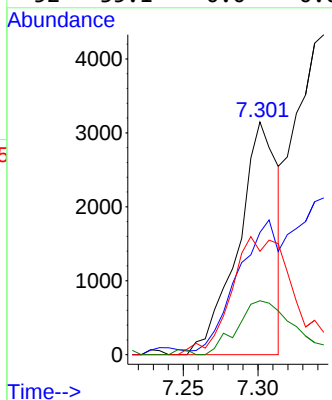
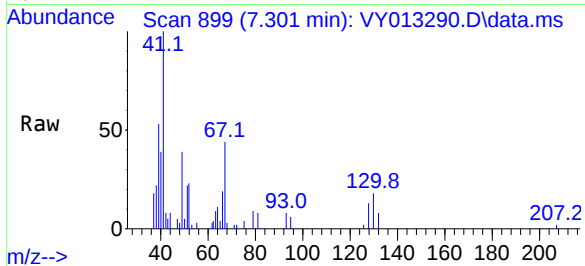




#41  
Methacrylonitrile  
Concen: 4.521 ug/l  
RT: 7.301 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

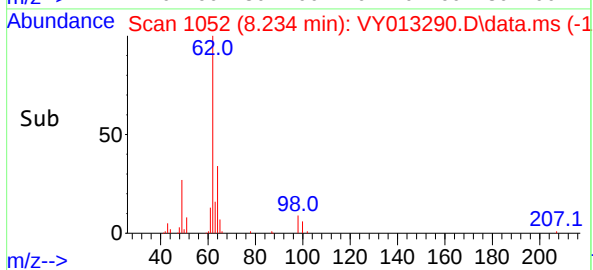
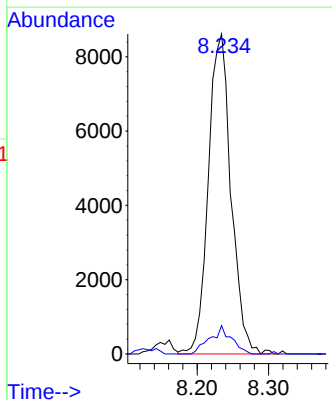
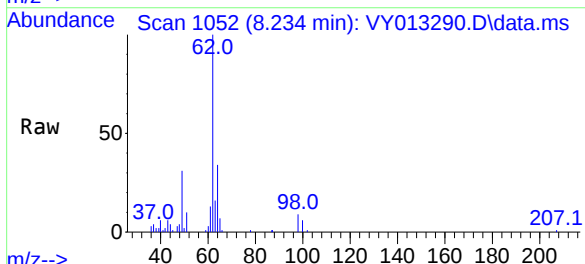
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

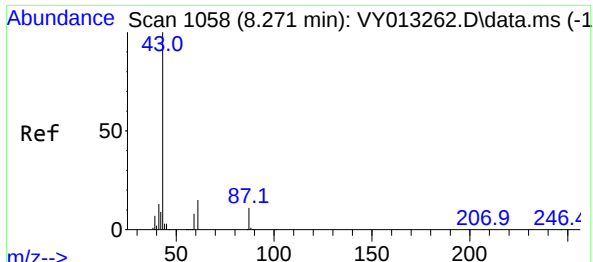
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 5772  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 58.8  | 0.0   | 0.0#  |
| 67       | 81.9  | 0.0   | 0.0#  |
| 52       | 35.1  | 0.0   | 0.0#  |



#42  
1,2-Dichloroethane  
Concen: 5.071 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 18996 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.3   | 0.0   | 18.8  |

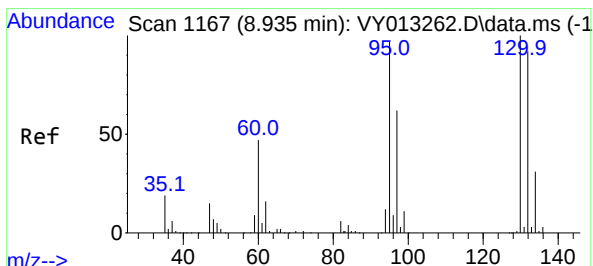
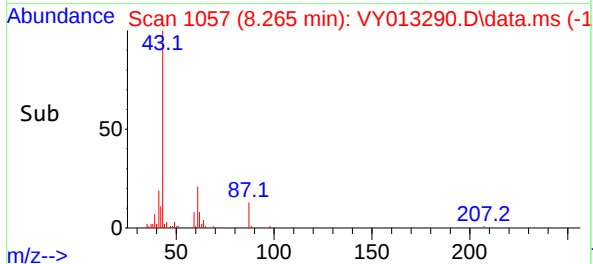
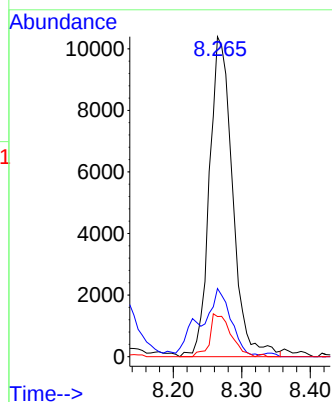
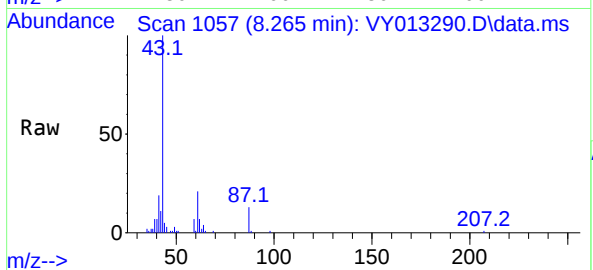




#43  
Isopropyl Acetate  
Concen: 4.757 ug/l  
RT: 8.265 min Scan# 1057  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

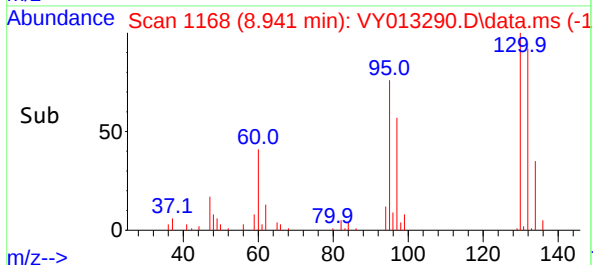
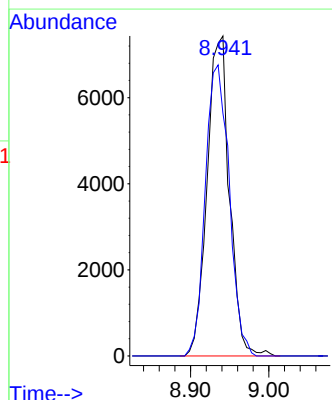
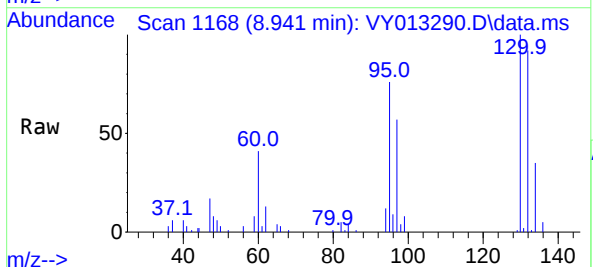
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

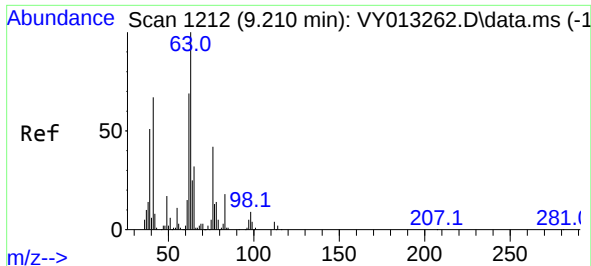
Tgt Ion: 43 Resp: 24312  
Ion Ratio Lower Upper  
43 100  
61 20.4 21.6 32.4#  
87 12.1 9.9 14.9



#44  
Trichloroethene  
Concen: 5.184 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion:130 Resp: 14754  
Ion Ratio Lower Upper  
130 100  
95 75.8 0.0 185.0





#45

1,2-Dichloropropane

Concen: 5.085 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY013290.D

Acq: 13 Apr 2023 12:56

Instrument :

MSVOA\_Y

ClientSampleId :

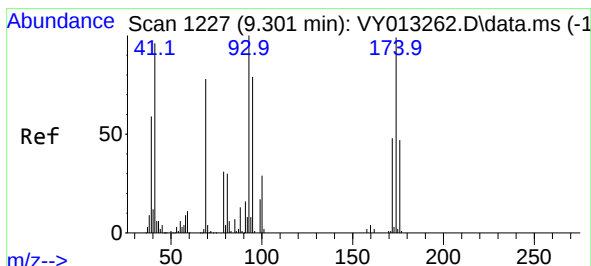
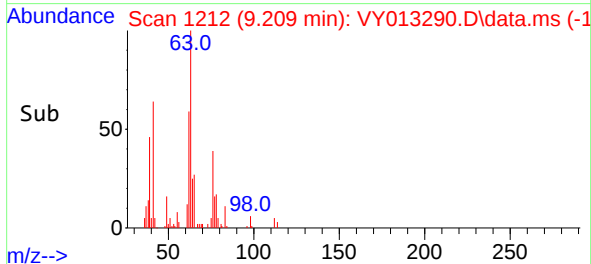
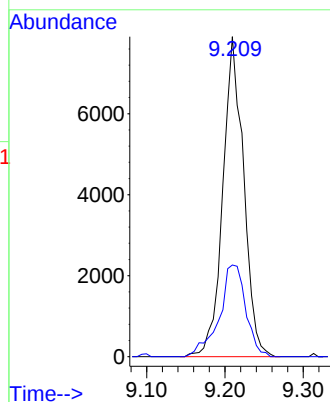
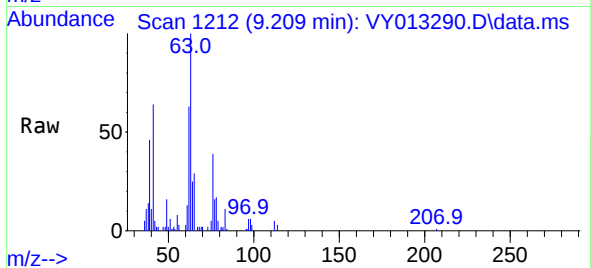
Inflationary Surcharges

Tgt Ion: 63 Resp: 14584

Ion Ratio Lower Upper

63 100

65 28.7 25.7 38.5



#46

Dibromomethane

Concen: 5.114 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY013290.D

Acq: 13 Apr 2023 12:56

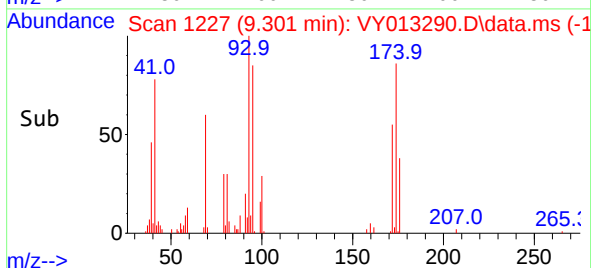
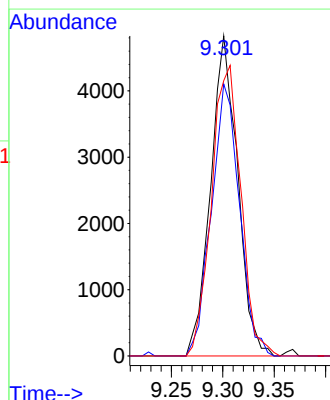
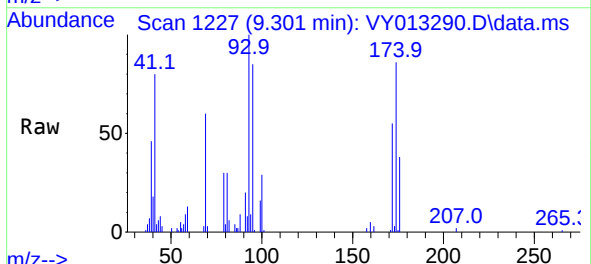
Tgt Ion: 93 Resp: 8827

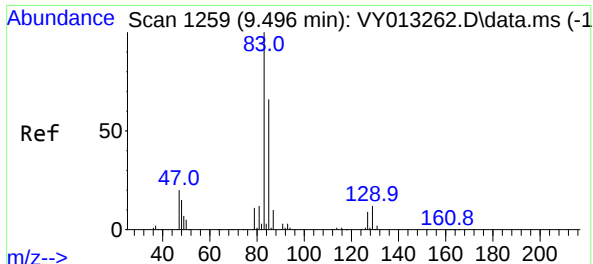
Ion Ratio Lower Upper

93 100

95 88.3 65.6 98.4

174 98.5 81.3 121.9

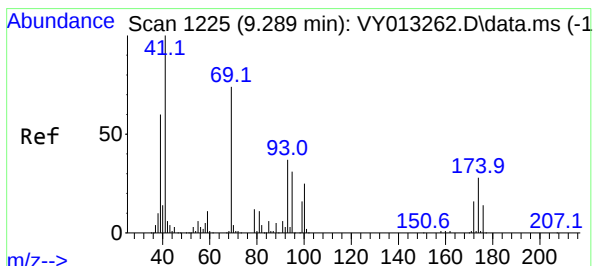
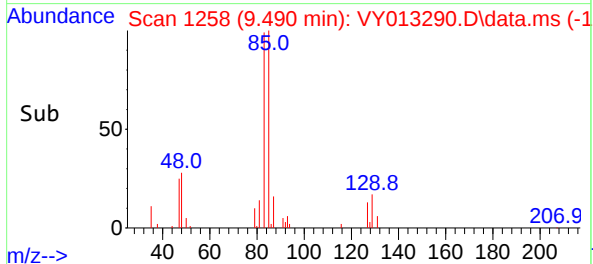
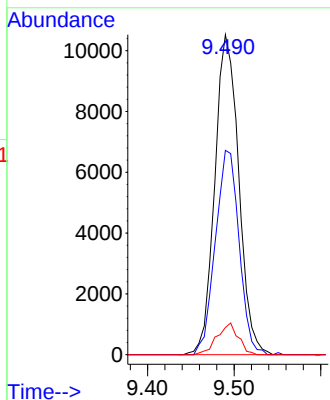
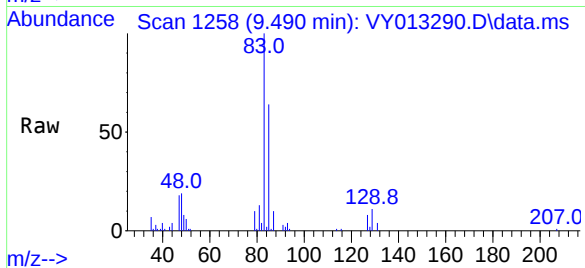




#47  
Bromodichloromethane  
Concen: 5.116 ug/l  
RT: 9.490 min Scan# 1259  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

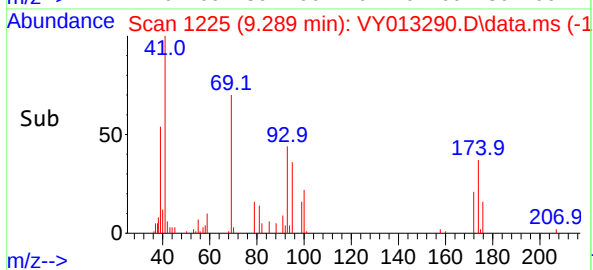
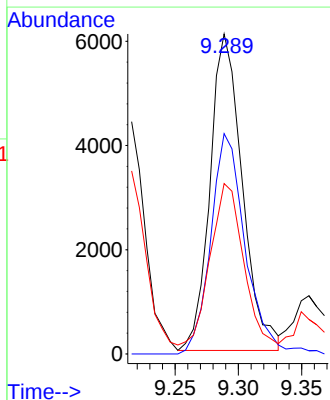
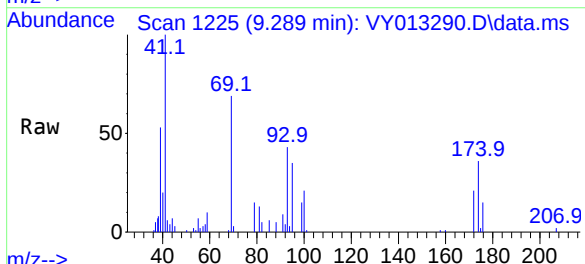
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

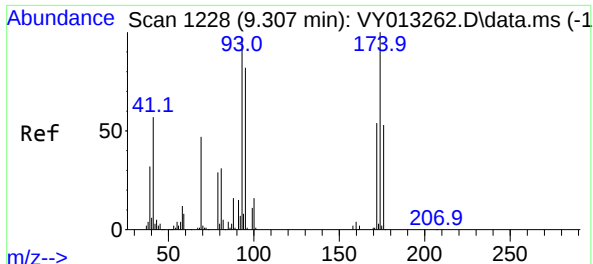
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 20186 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.8  | 50.2  | 75.4  |
| 127      | 8.5   | 6.3   | 9.5   |



#48  
Methyl methacrylate  
Concen: 4.597 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 10793 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 74.5  | 64.1  | 96.1  |
| 39       | 52.1  | 44.0  | 66.0  |

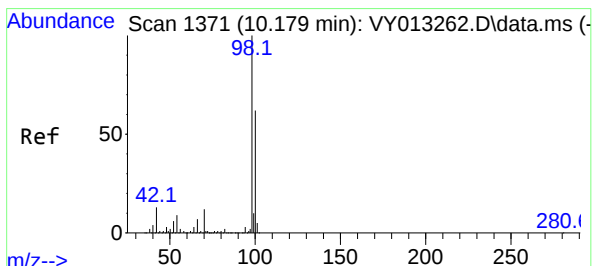
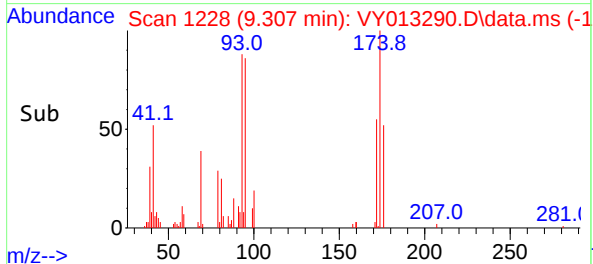
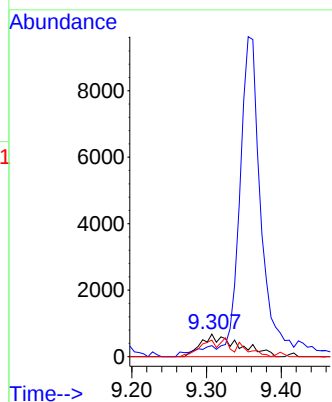
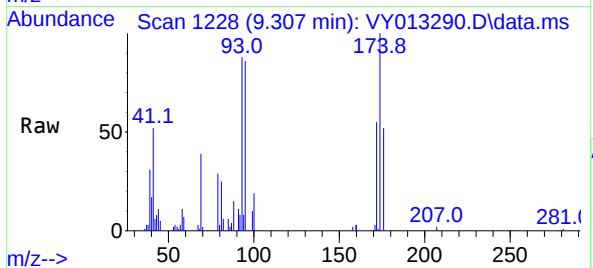




#49  
1,4-Dioxane  
Concen: 100.023 ug/l  
RT: 9.307 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

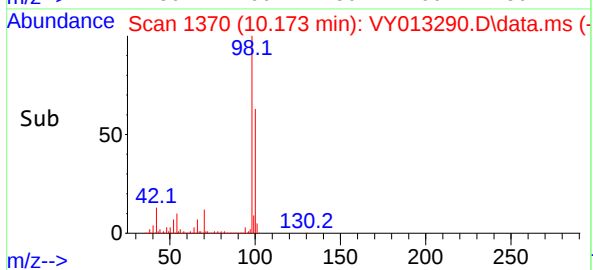
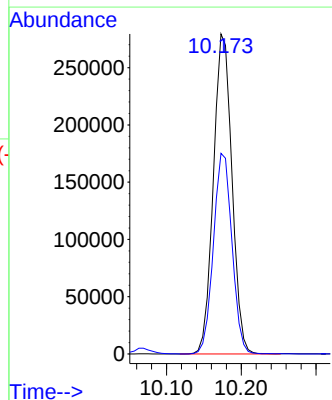
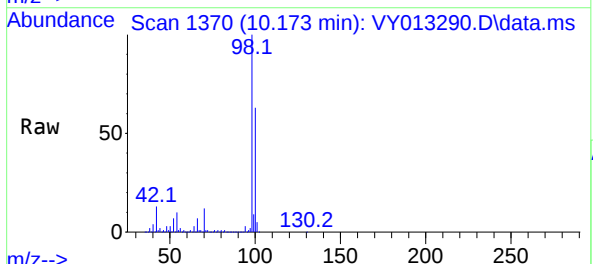
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

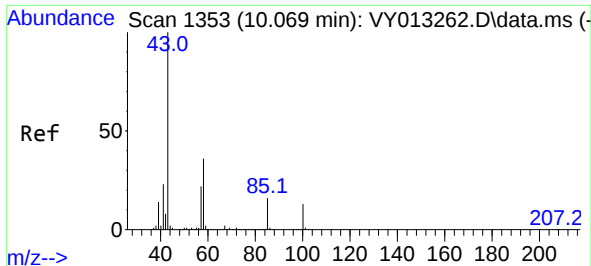
Tgt Ion: 88 Resp: 2339  
Ion Ratio Lower Upper  
88 100  
43 29.4 28.6 42.8  
58 33.1 55.2 82.8#



#50  
Toluene-d8  
Concen: 51.493 ug/l  
RT: 10.173 min Scan# 1370  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion: 98 Resp: 482985  
Ion Ratio Lower Upper  
98 100  
100 62.7 50.9 76.3

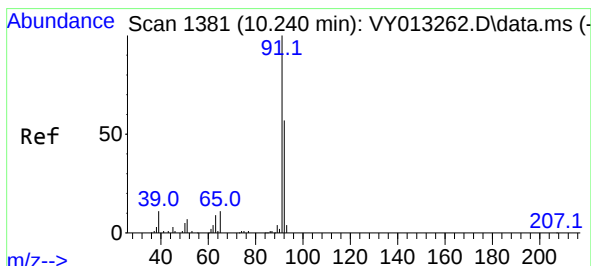
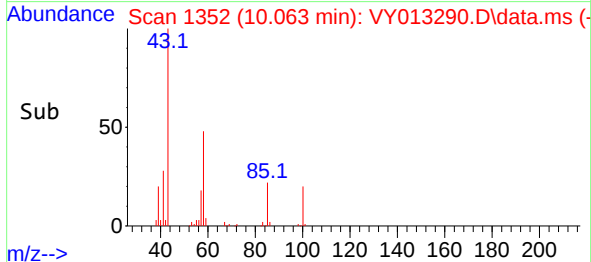
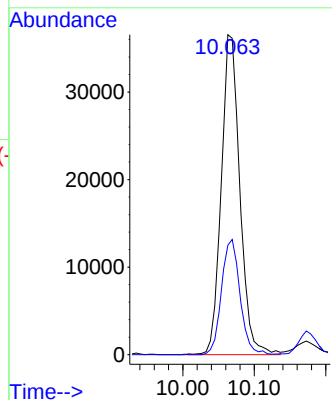
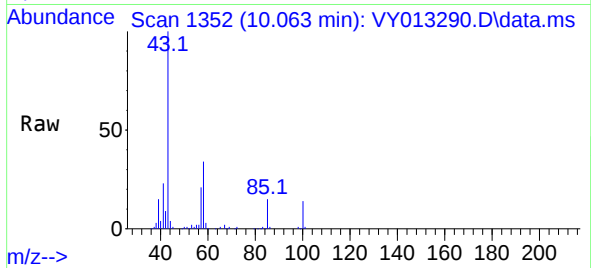




#51  
4-Methyl-2-Pentanone  
Concen: 23.749 ug/l  
RT: 10.063 min Scan# 1352  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

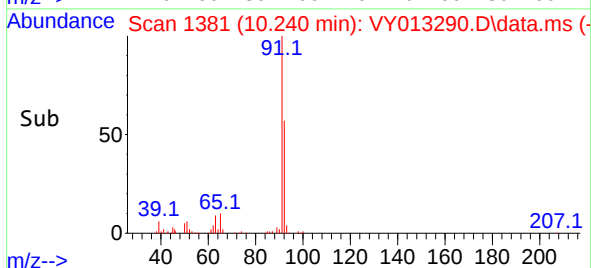
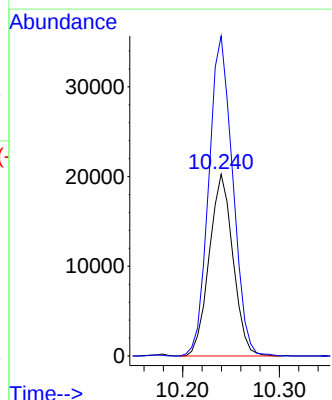
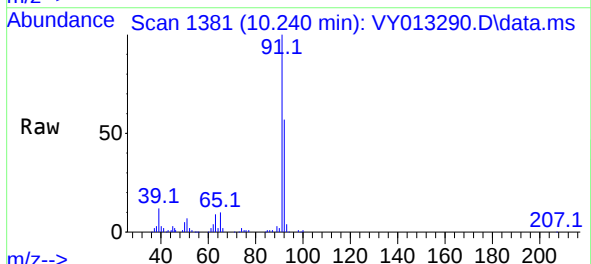
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

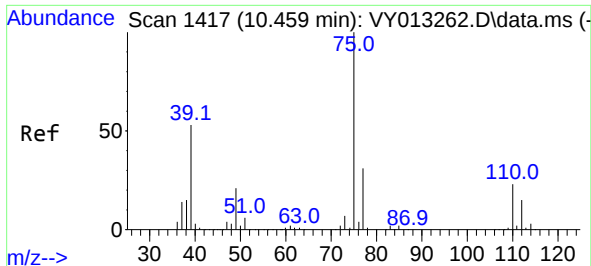
Tgt Ion: 43 Resp: 66062  
Ion Ratio Lower Upper  
43 100  
58 35.9 29.8 44.6



#52  
Toluene  
Concen: 5.173 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion: 92 Resp: 34510  
Ion Ratio Lower Upper  
92 100  
91 178.0 141.3 211.9

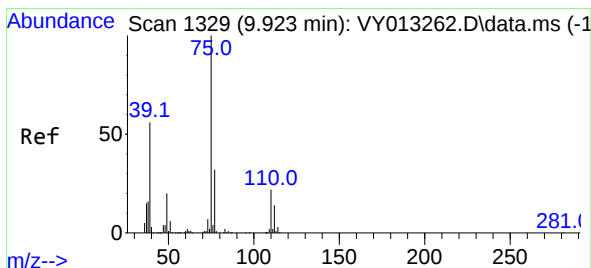
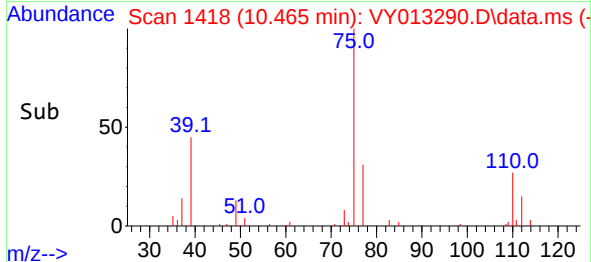
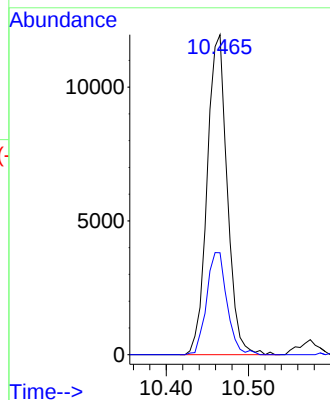
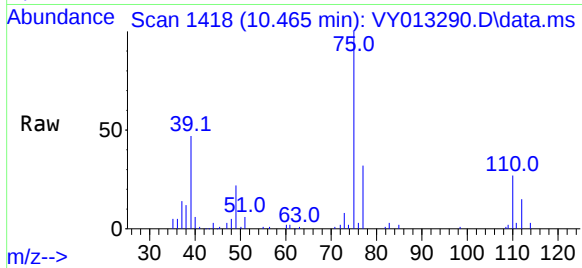




#53  
t-1,3-Dichloropropene  
Concen: 4.898 ug/l  
RT: 10.465 min Scan# 1417  
Delta R.T. 0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

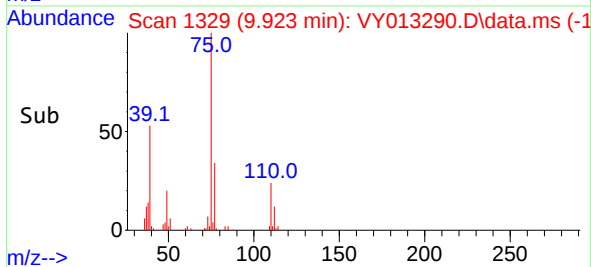
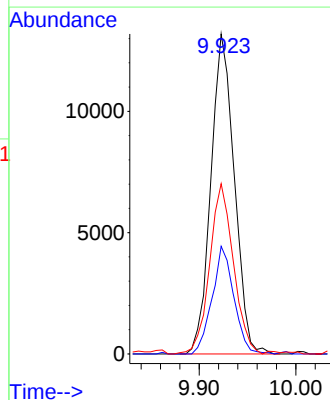
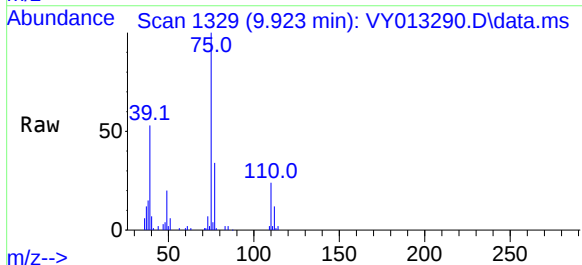
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

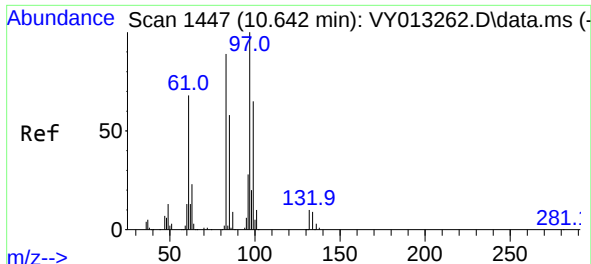
Tgt Ion: 75 Resp: 20240  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 4.900 ug/l  
RT: 9.923 min Scan# 1329  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion: 75 Resp: 22203  
Ion Ratio Lower Upper  
75 100  
77 33.7 25.4 38.0  
39 52.8 39.0 58.4

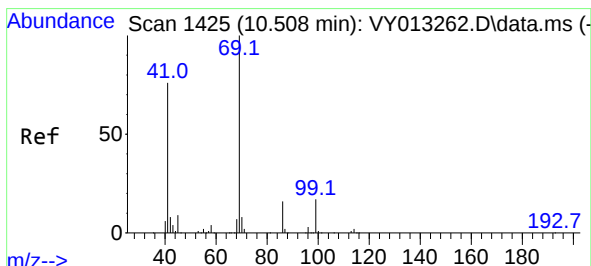
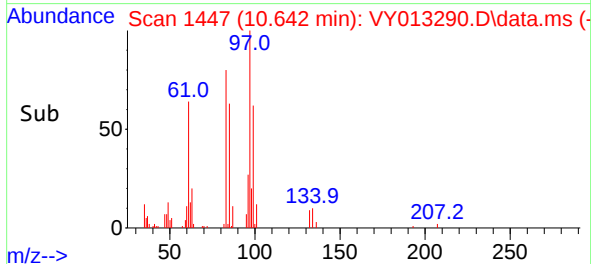
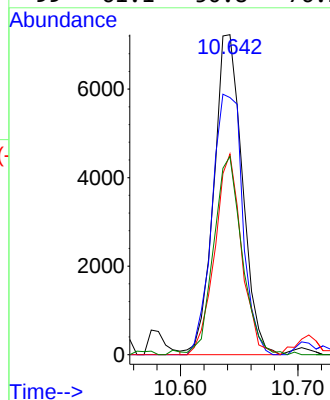
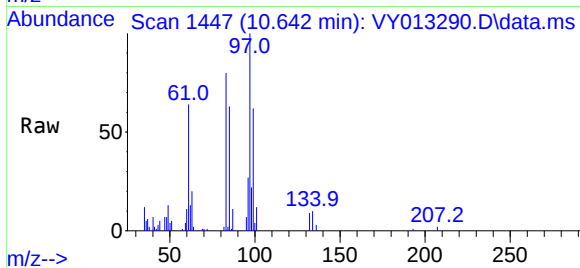




#55  
1,1,2-Trichloroethane  
Concen: 5.363 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

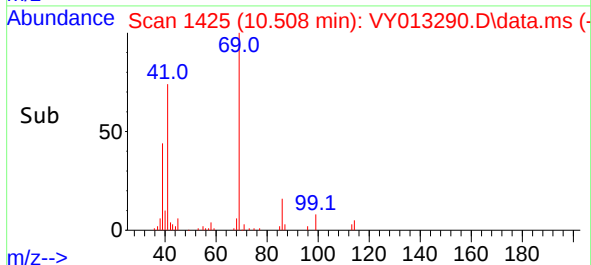
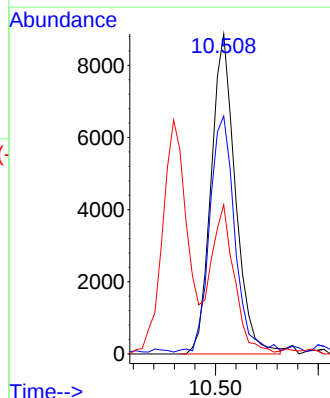
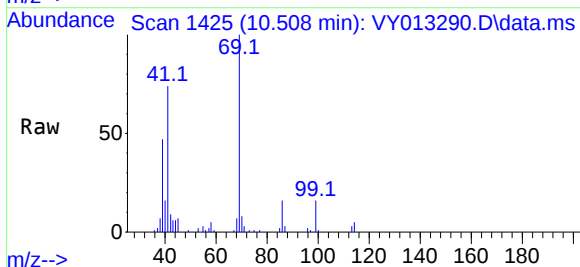
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

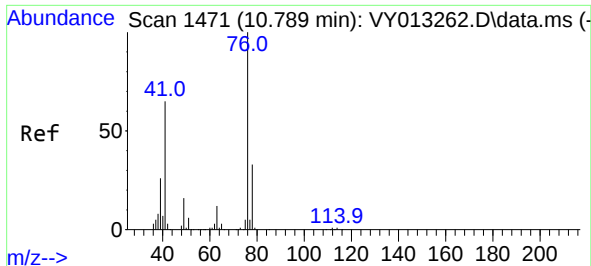
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 12204 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 80.3     | 69.0 103.6  |
| 85 62.7     | 44.9 67.3   |
| 99 61.1     | 50.8 76.2   |



#56  
Ethyl methacrylate  
Concen: 4.662 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 14526 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 76.1     | 56.4 84.6   |
| 39 44.5     | 30.8 46.2   |





#57

1,3-Dichloropropane

Concen: 5.136 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013290.D

Acq: 13 Apr 2023 12:56

Instrument :

MSVOA\_Y

ClientSampleId :

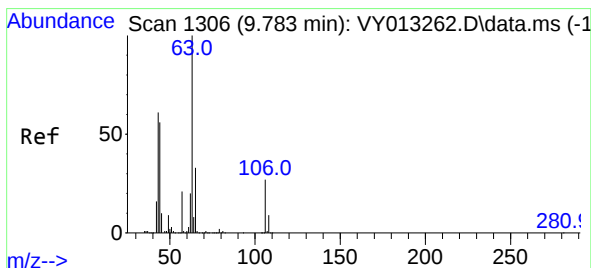
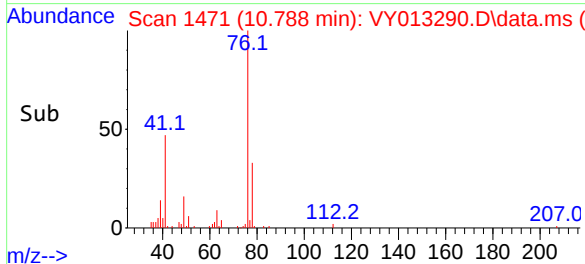
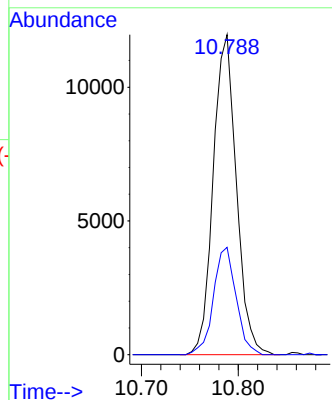
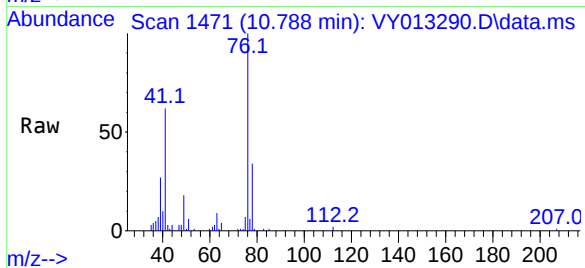
Inflationary Surcharges

Tgt Ion: 76 Resp: 19879

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 25.315 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY013290.D

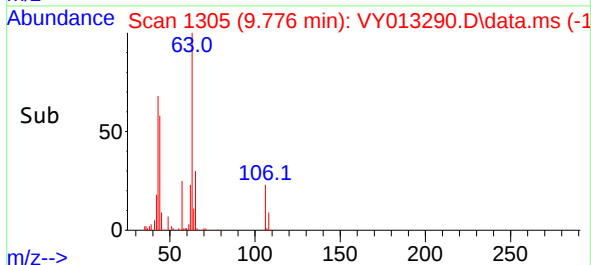
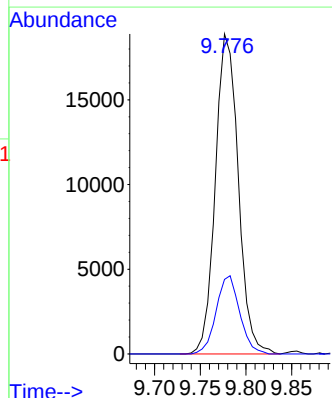
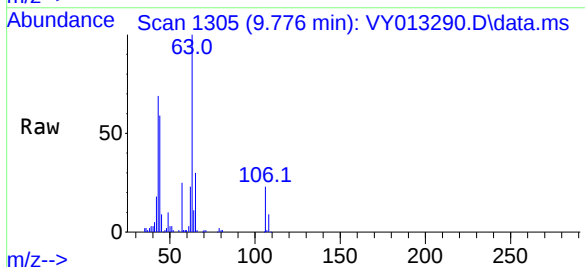
Acq: 13 Apr 2023 12:56

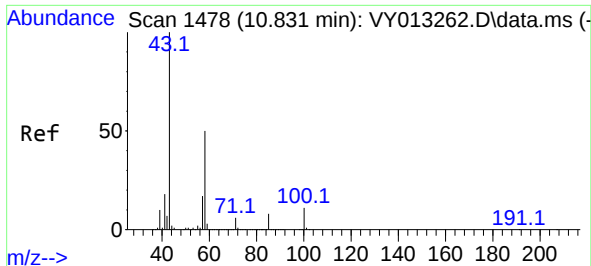
Tgt Ion: 63 Resp: 32936

Ion Ratio Lower Upper

63 100

106 25.1 22.1 33.1

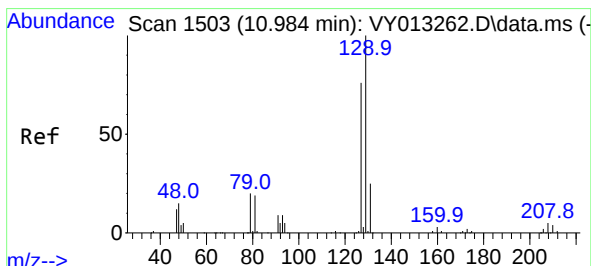
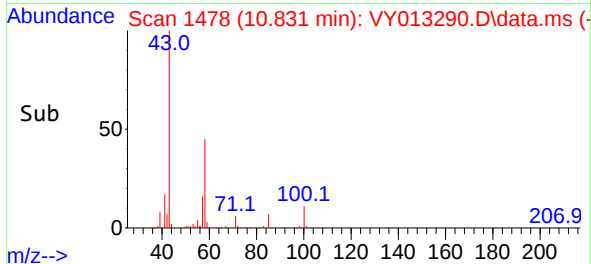
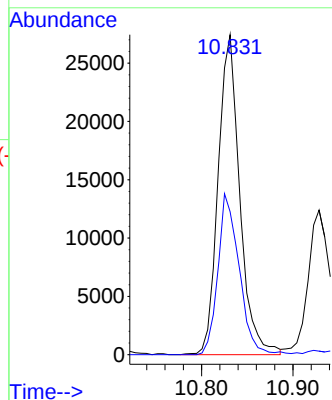
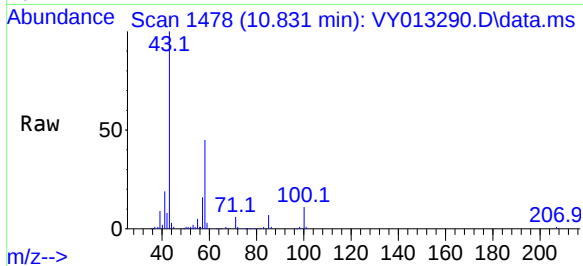




#59  
2-Hexanone  
Concen: 22.347 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

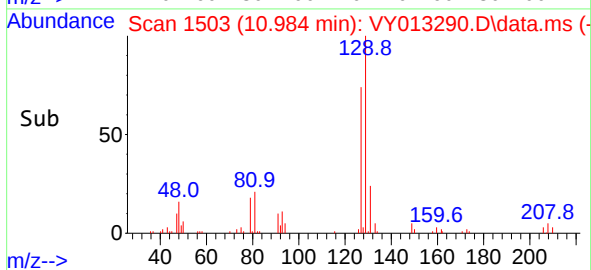
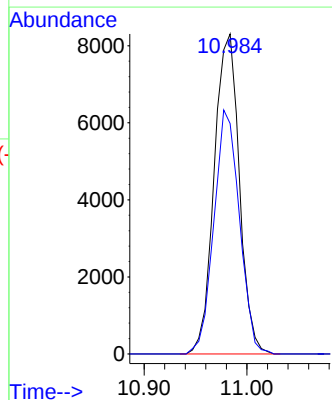
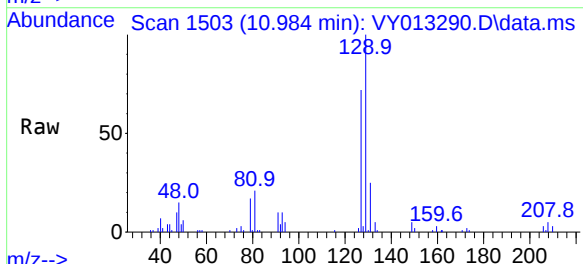
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

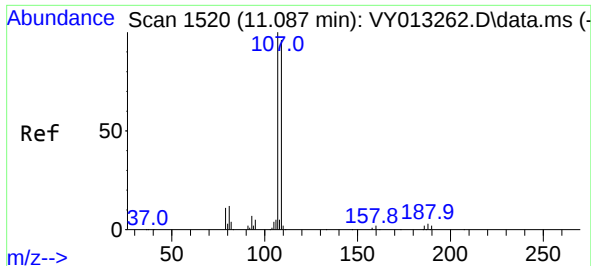
Tgt Ion: 43 Resp: 45199  
Ion Ratio Lower Upper  
43 100  
58 49.3 25.9 77.8



#60  
Dibromochloromethane  
Concen: 4.939 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion: 129 Resp: 14094  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.7 116.1

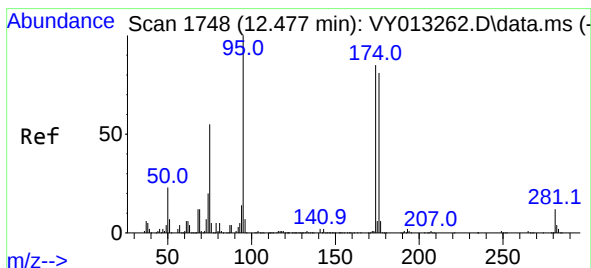
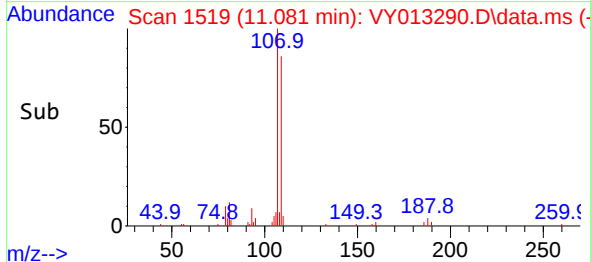
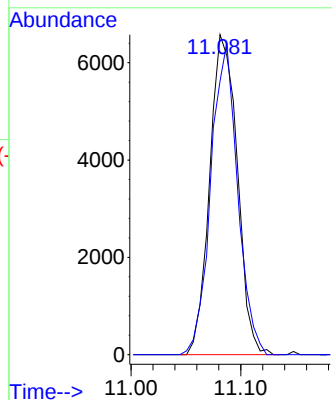
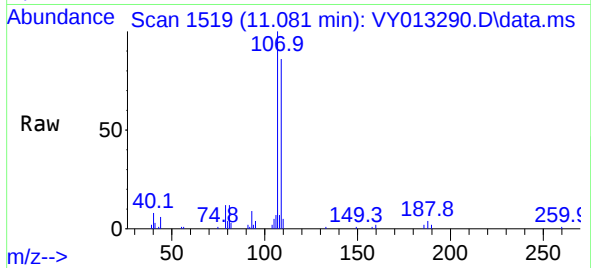




#61  
1,2-Dibromoethane  
Concen: 5.181 ug/l  
RT: 11.081 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

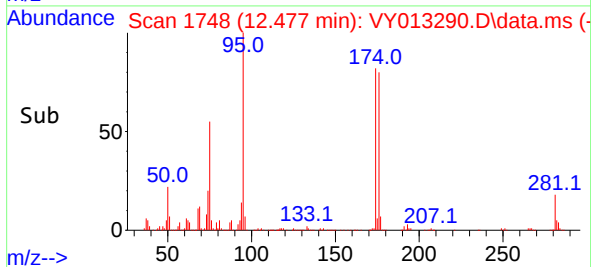
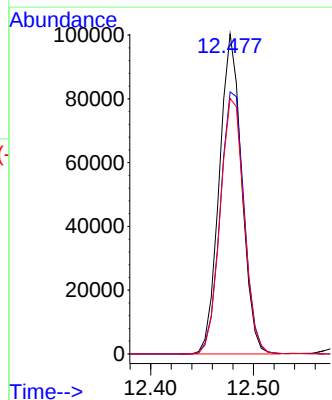
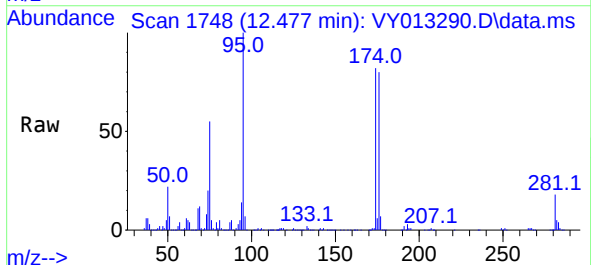
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

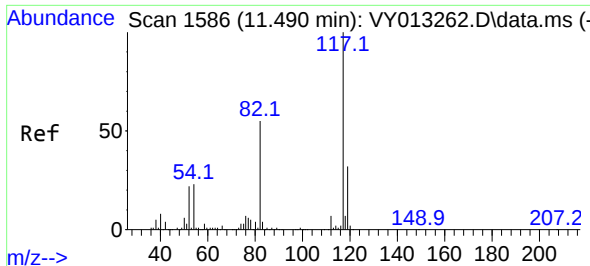
Tgt Ion:107 Resp: 11481  
Ion Ratio Lower Upper  
107 100  
109 94.5 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 49.804 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion: 95 Resp: 151779  
Ion Ratio Lower Upper  
95 100  
174 87.5 0.0 176.6  
176 85.1 0.0 170.2

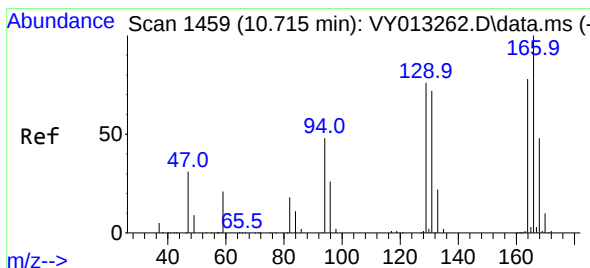
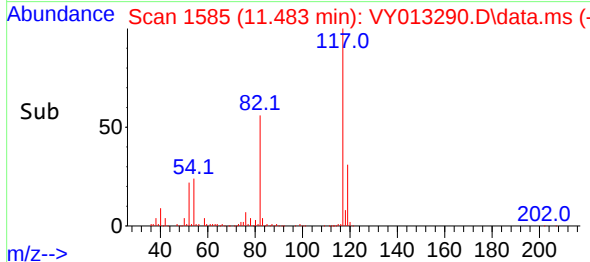
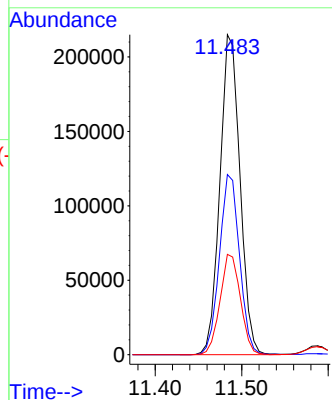
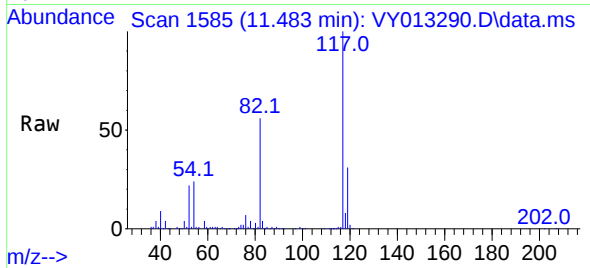




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.483 min Scan# 117  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

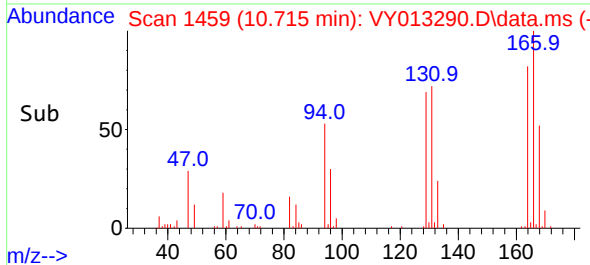
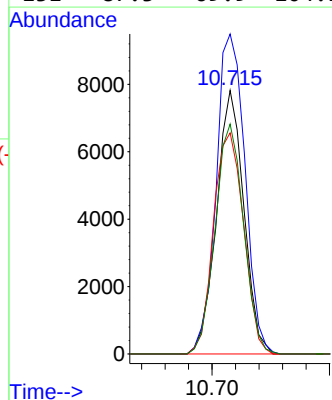
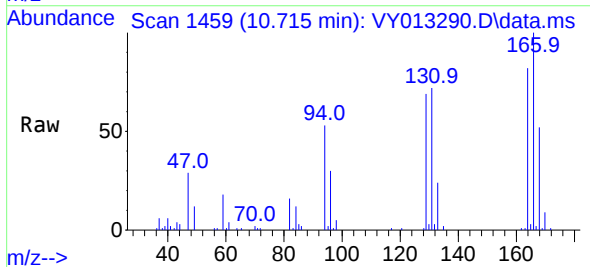
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

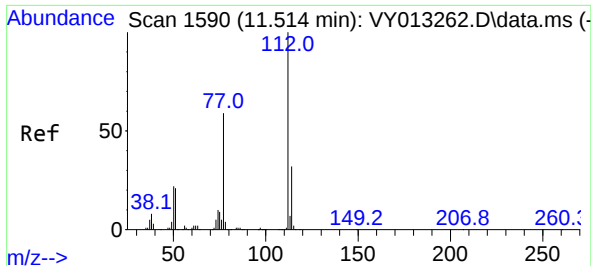
Tgt Ion:117 Resp: 346571  
Ion Ratio Lower Upper  
117 100  
82 56.3 45.4 68.0  
119 31.4 25.6 38.4



#64  
Tetrachloroethene  
Concen: 5.168 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion:164 Resp: 12636  
Ion Ratio Lower Upper  
164 100  
166 121.4 103.4 155.2  
129 83.9 71.4 107.2  
131 87.3 69.9 104.9

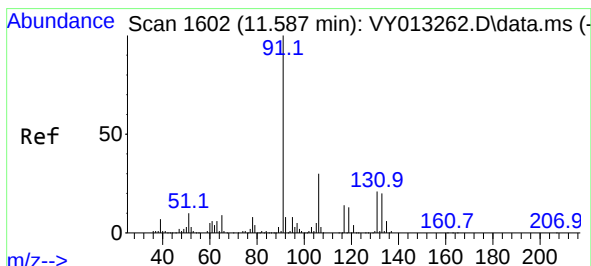
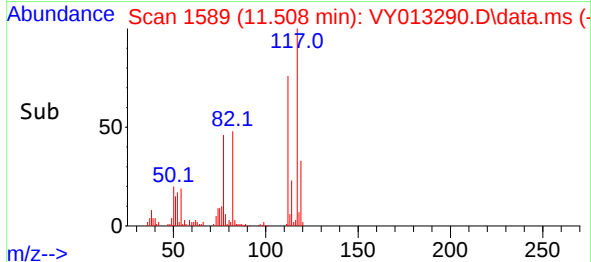
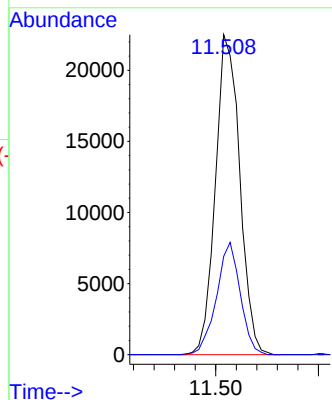
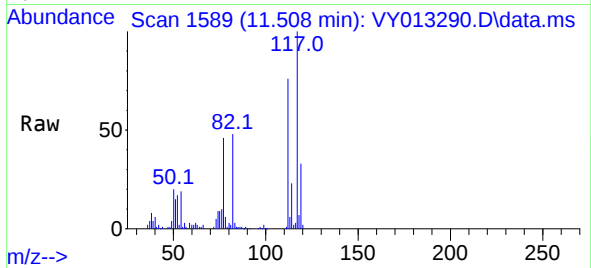




#65  
Chlorobenzene  
Concen: 5.093 ug/l  
RT: 11.508 min Scan# 111  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

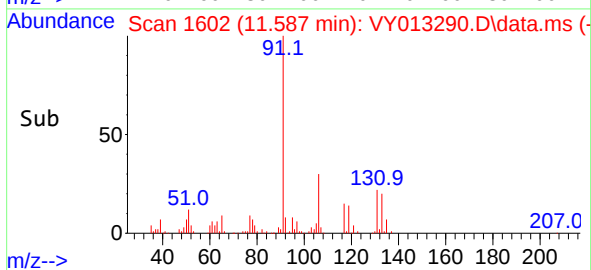
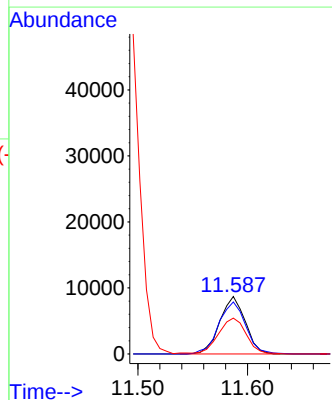
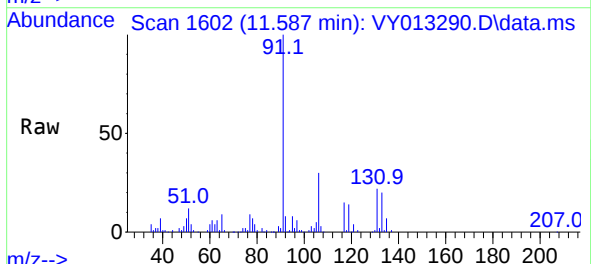
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

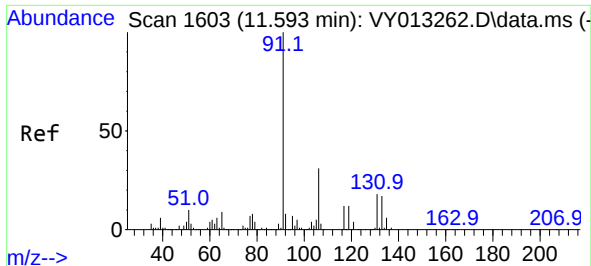
Tgt Ion:112 Resp: 36922  
Ion Ratio Lower Upper  
112 100  
114 30.7 24.5 36.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 5.161 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion:131 Resp: 14042  
Ion Ratio Lower Upper  
131 100  
133 95.9 48.0 144.0  
119 68.3 32.6 98.0

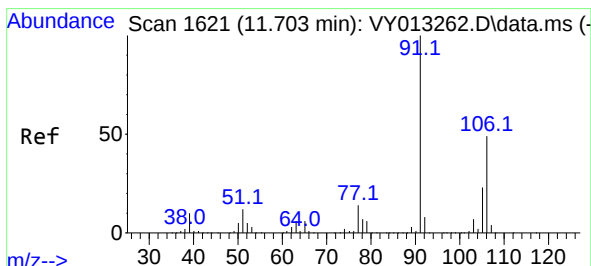
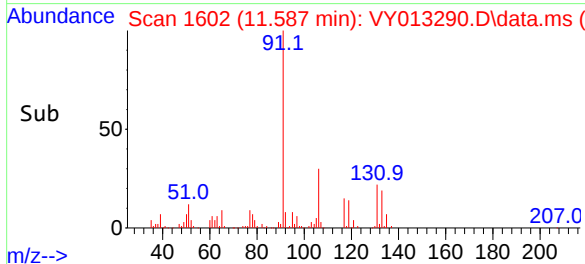
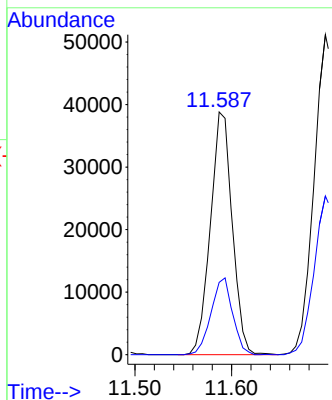
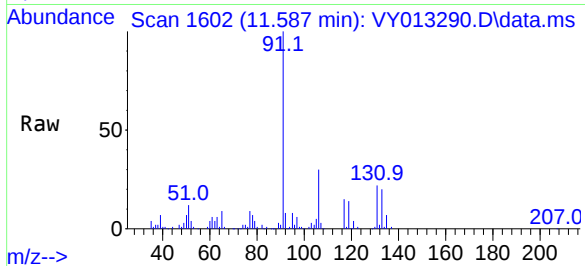




#67  
Ethyl Benzene  
Concen: 4.823 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

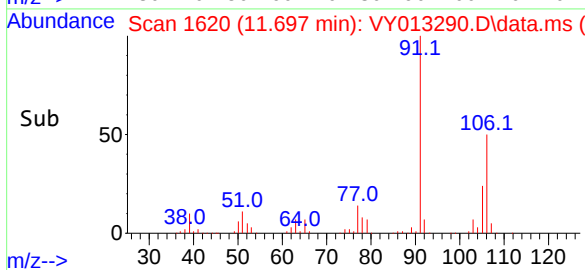
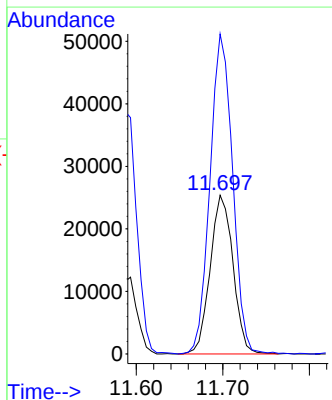
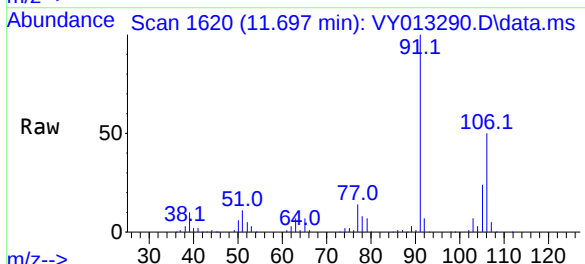
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

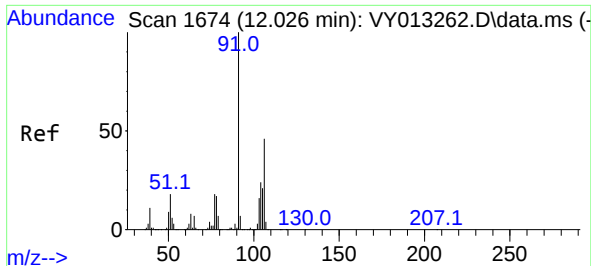
Tgt Ion: 91 Resp: 60902  
Ion Ratio Lower Upper  
91 100  
106 29.8 25.1 37.7



#68  
m/p-Xylenes  
Concen: 9.632 ug/l  
RT: 11.697 min Scan# 1620  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion: 106 Resp: 46536  
Ion Ratio Lower Upper  
106 100  
91 199.9 159.8 239.8

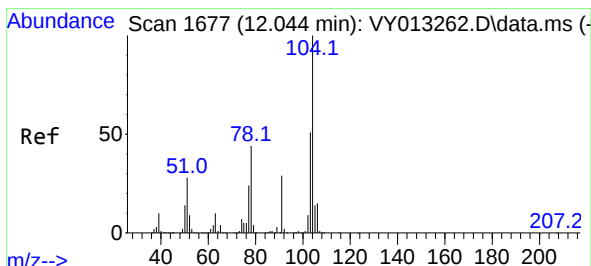
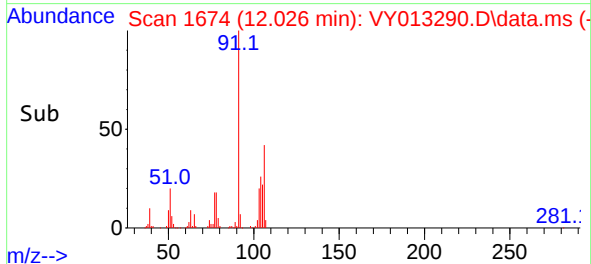
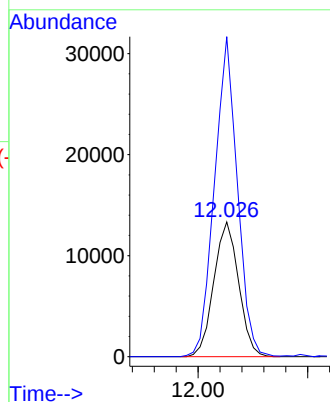
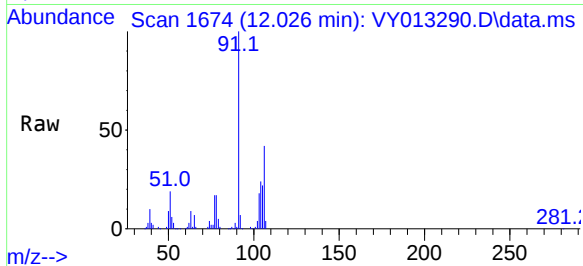




#69  
o-Xylene  
Concen: 4.682 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

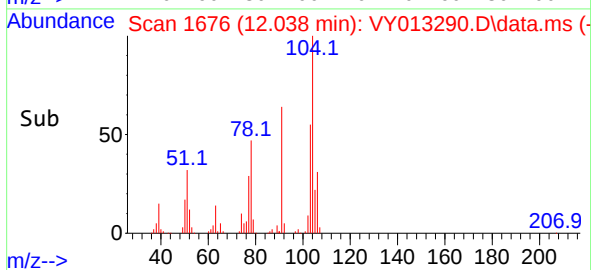
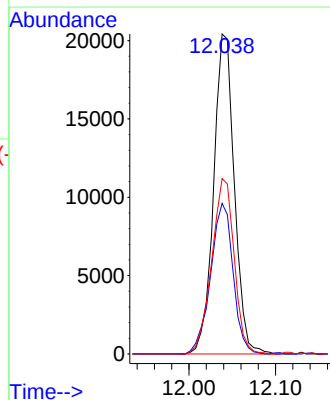
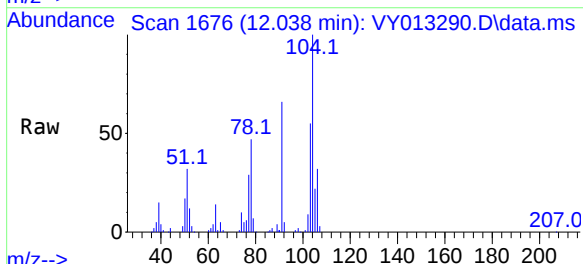
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

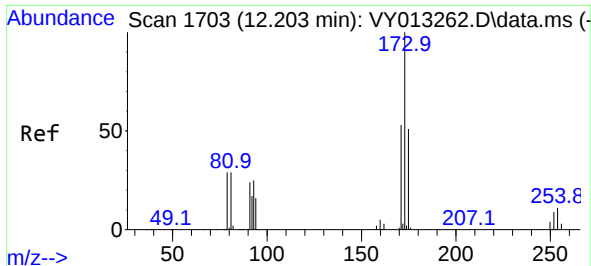
Tgt Ion:106 Resp: 20948  
Ion Ratio Lower Upper  
106 100  
91 219.4 107.2 321.6



#70  
Styrene  
Concen: 4.487 ug/l  
RT: 12.038 min Scan# 1676  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion:104 Resp: 33909  
Ion Ratio Lower Upper  
104 100  
78 50.9 39.2 58.8  
103 59.5 43.7 65.5

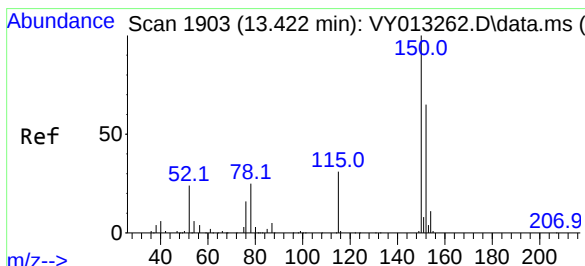
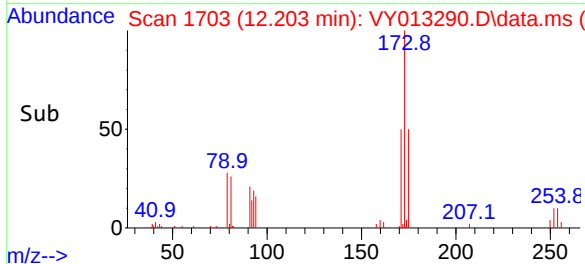
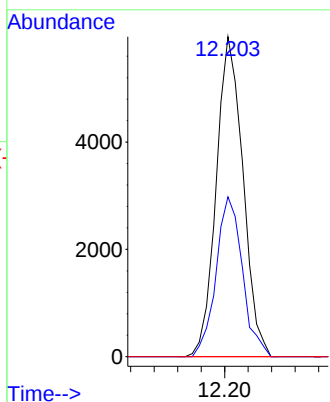
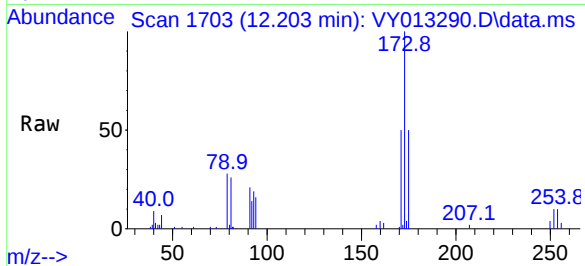




#71  
Bromoform  
Concen: 5.005 ug/l  
RT: 12.203 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

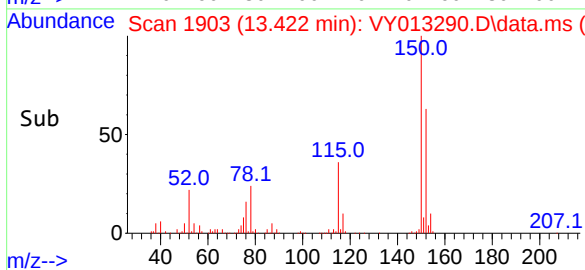
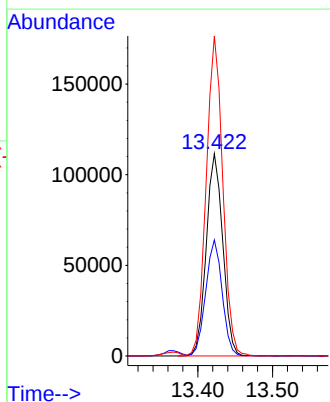
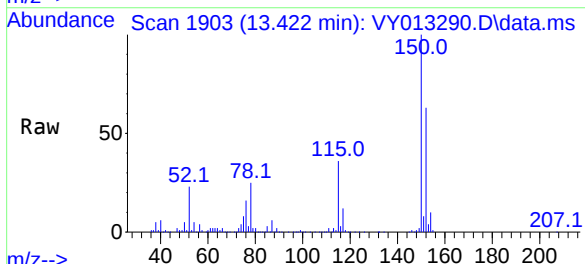
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

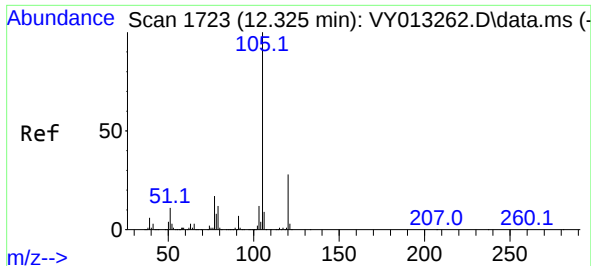
Tgt Ion:173 Resp: 9433  
Ion Ratio Lower Upper  
173 100  
175 49.2 25.0 75.0  
254 0.0 0.2 0.2#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion:152 Resp: 171240  
Ion Ratio Lower Upper  
152 100  
115 57.3 27.1 81.3  
150 157.7 0.0 347.8

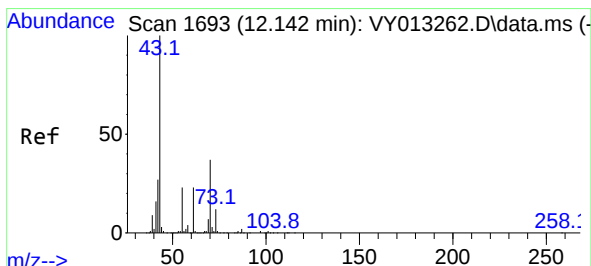
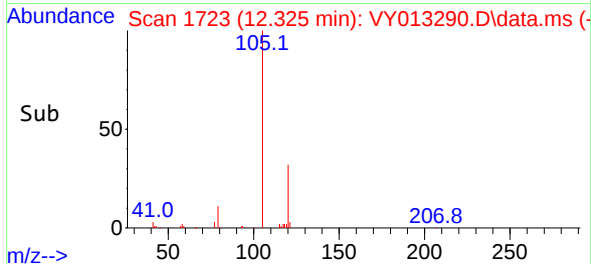
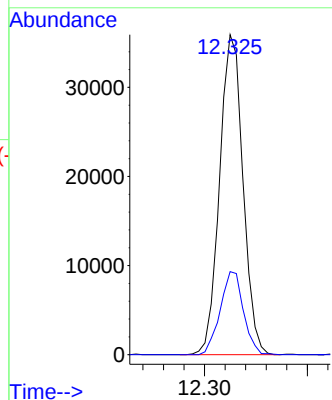
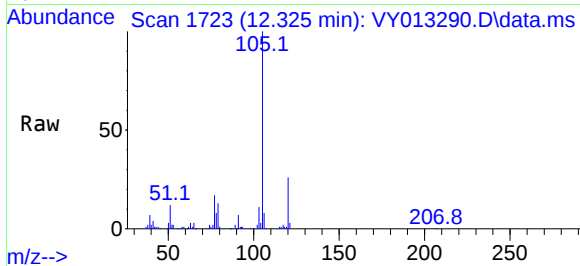




#73  
Isopropylbenzene  
Concen: 4.815 ug/l  
RT: 12.325 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

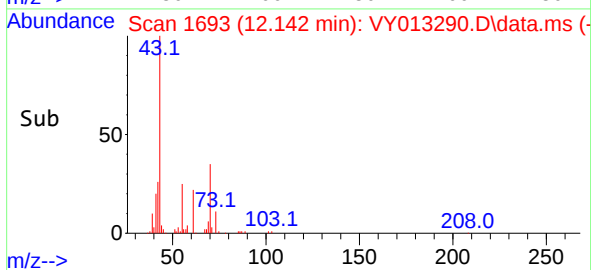
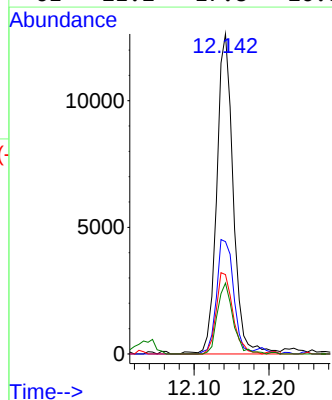
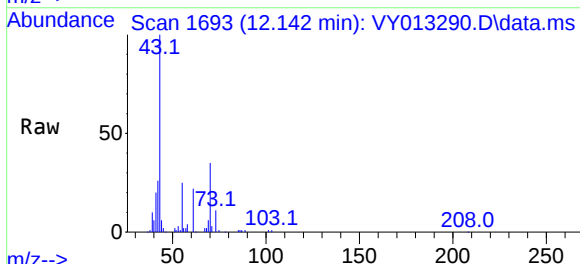
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

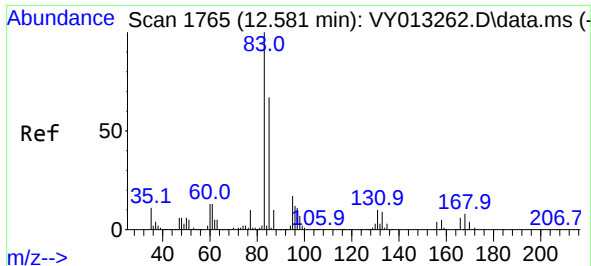
Tgt Ion:105 Resp: 56551  
Ion Ratio Lower Upper  
105 100  
120 25.9 13.4 40.2



#74  
N-ethyl acetate  
Concen: 4.607 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion: 43 Resp: 19305  
Ion Ratio Lower Upper  
43 100  
70 37.0 31.6 47.4  
55 25.6 18.8 28.2  
61 21.2 17.8 26.8

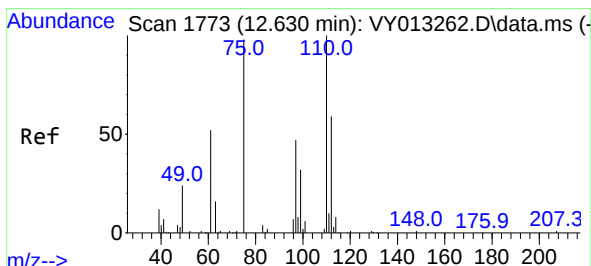
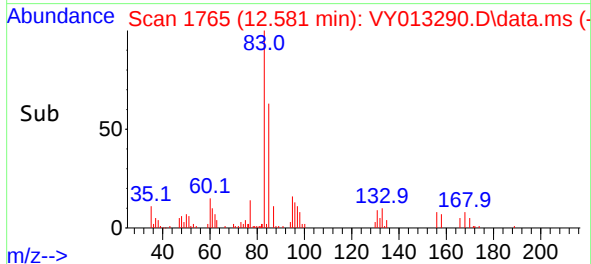
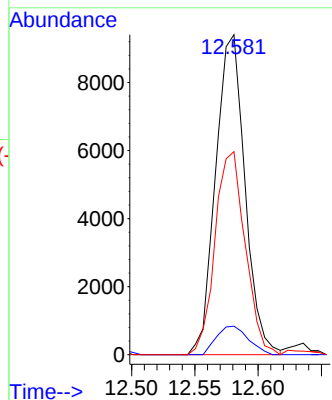
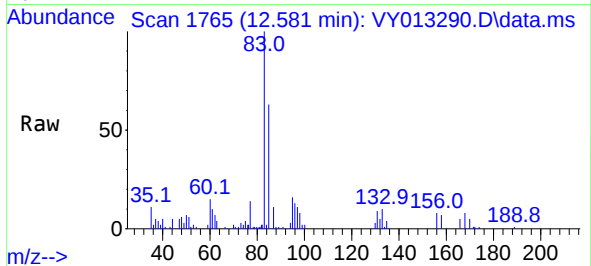




#75  
1,1,2,2-Tetrachloroethane  
Concen: 5.225 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

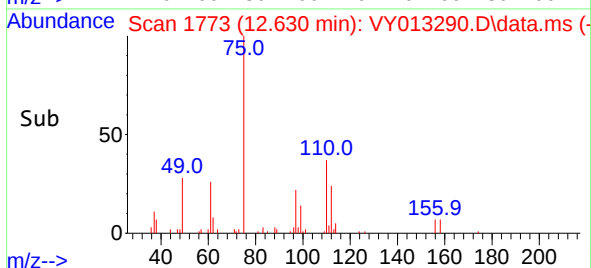
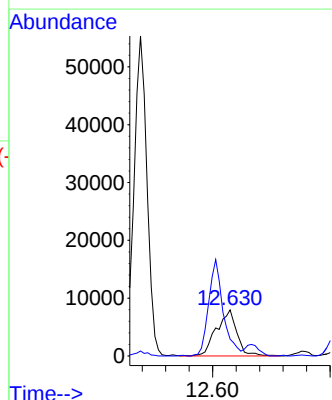
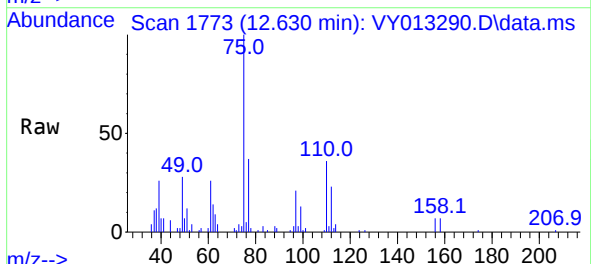
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

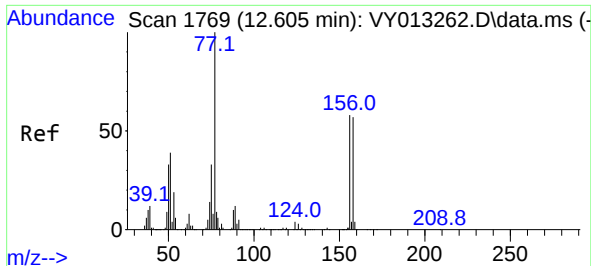
Tgt Ion: 83 Resp: 15162  
Ion Ratio Lower Upper  
83 100  
131 9.7 5.1 15.2  
85 65.1 31.8 95.3



#76  
1,2,3-Trichloropropane  
Concen: 9.060 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion: 75 Resp: 19333  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

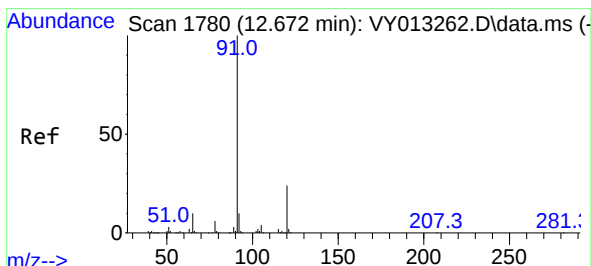
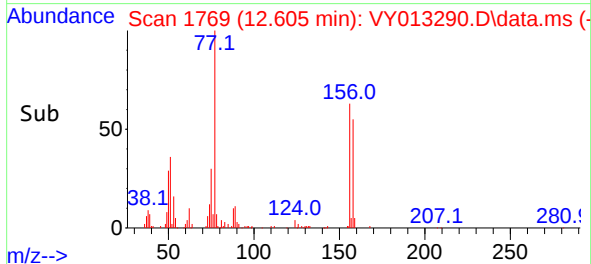
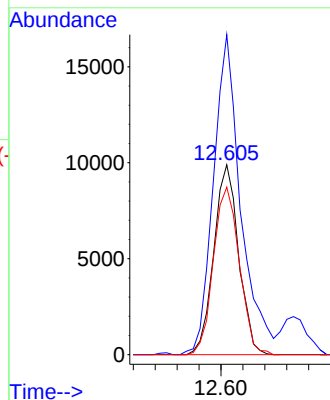
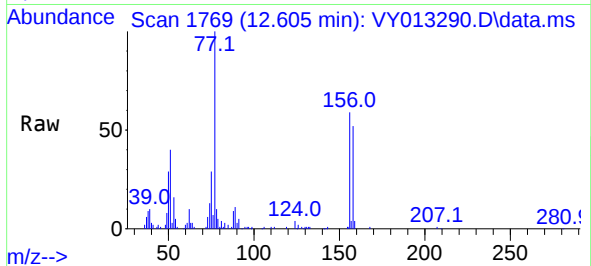




#77  
Bromobenzene  
Concen: 5.297 ug/l  
RT: 12.605 min Scan# 1769  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

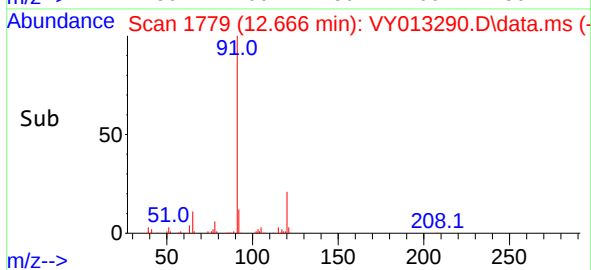
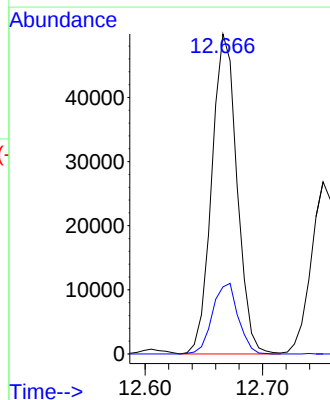
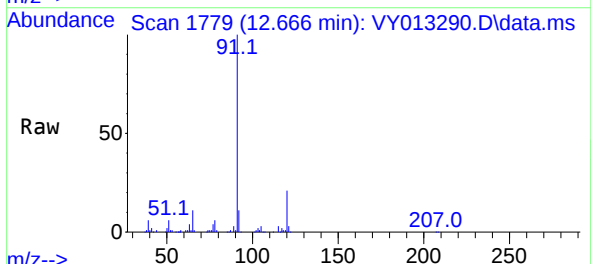
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

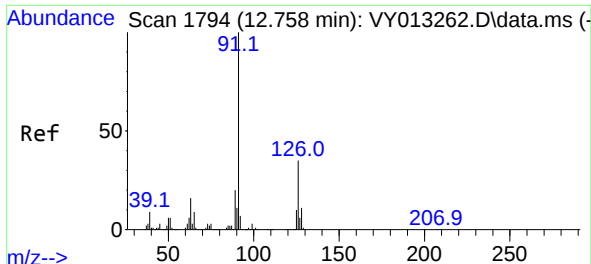
Tgt Ion:156 Resp: 15559  
Ion Ratio Lower Upper  
156 100  
77 185.0 94.0 282.1  
158 92.0 48.1 144.4



#78  
n-propylbenzene  
Concen: 5.137 ug/l  
RT: 12.666 min Scan# 1779  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion: 91 Resp: 74524  
Ion Ratio Lower Upper  
91 100  
120 22.4 11.6 34.8

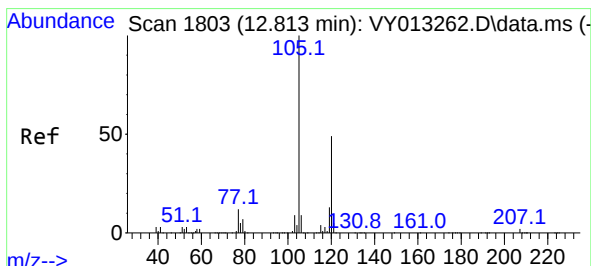
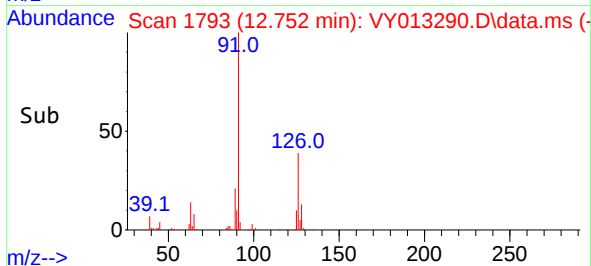
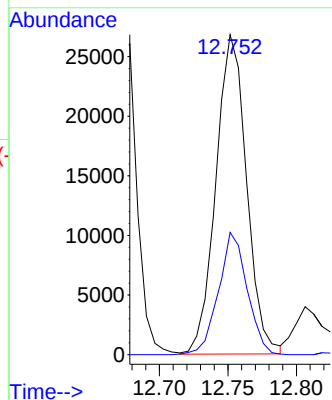
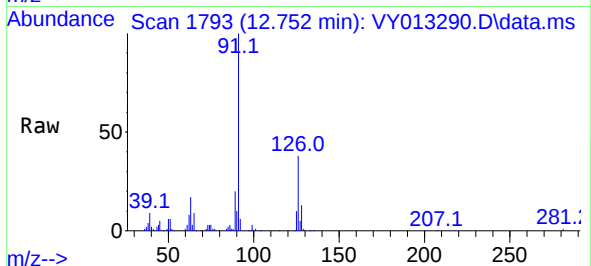




#79  
2-Chlorotoluene  
Concen: 5.112 ug/l  
RT: 12.752 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

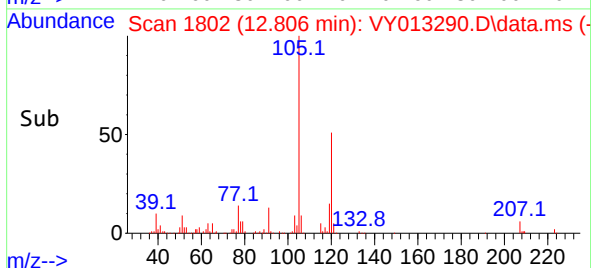
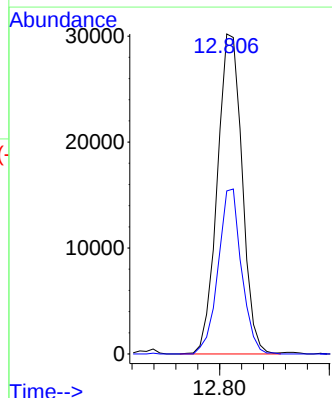
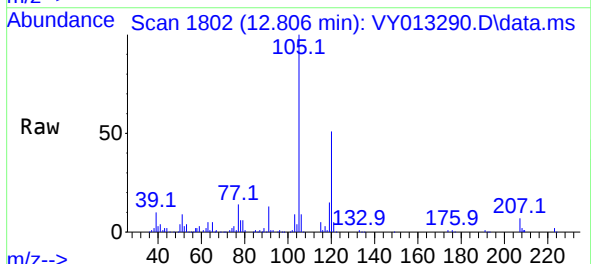
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

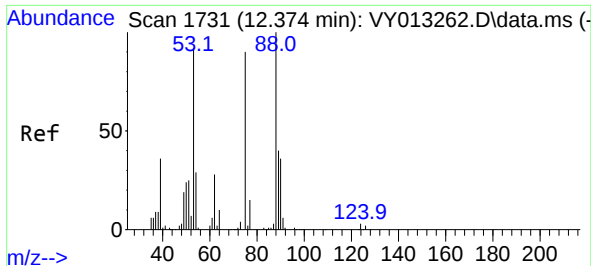
Tgt Ion: 91 Resp: 41745  
Ion Ratio Lower Upper  
91 100  
126 35.8 17.4 52.2



#80  
1,3,5-Trimethylbenzene  
Concen: 4.833 ug/l  
RT: 12.806 min Scan# 1802  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion:105 Resp: 47546  
Ion Ratio Lower Upper  
105 100  
120 48.6 24.8 74.4

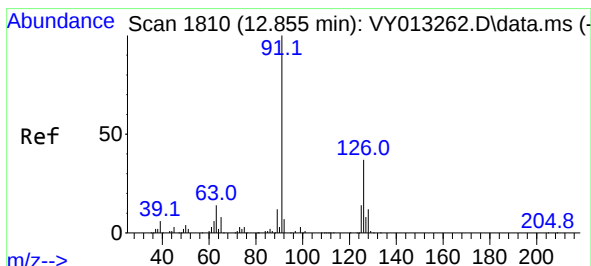
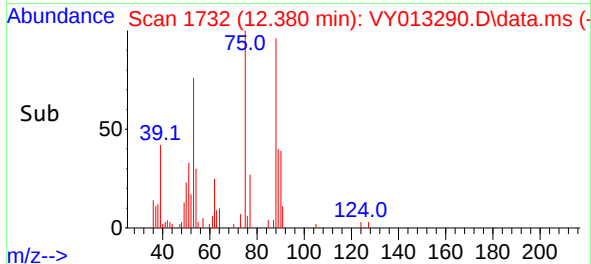
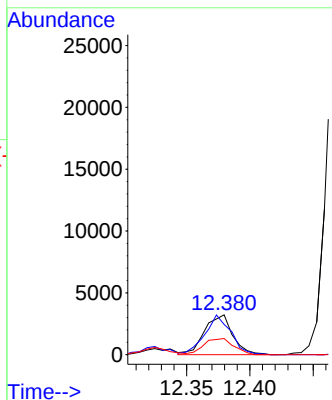
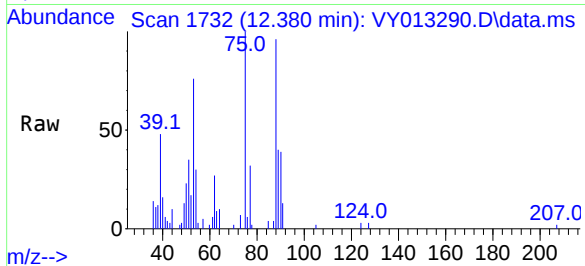




#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.855 ug/l  
RT: 12.380 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

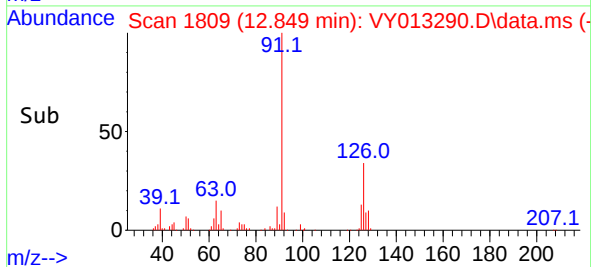
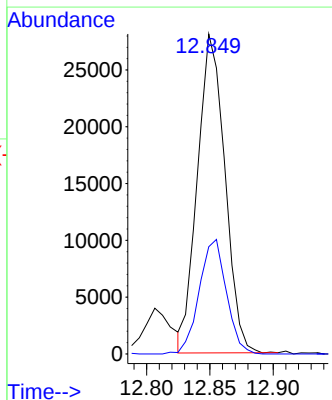
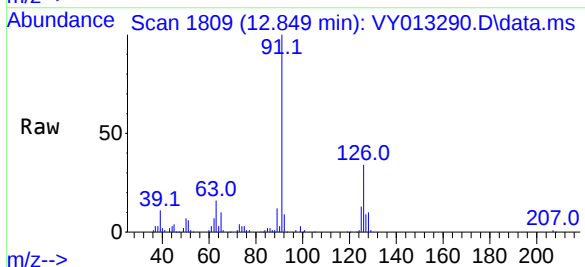
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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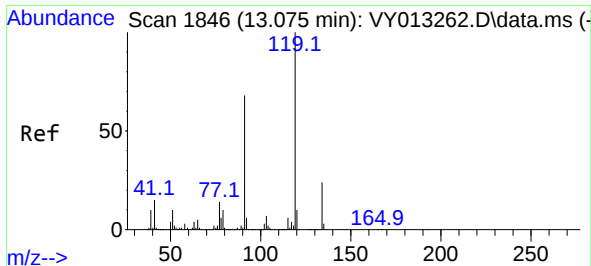
Tgt Ion: 75 Resp: 4991  
Ion Ratio Lower Upper  
75 100  
53 92.7 73.4 110.0  
89 42.8 36.6 55.0



#82  
4-Chlorotoluene  
Concen: 4.927 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion: 91 Resp: 42414  
Ion Ratio Lower Upper  
91 100  
126 35.6 17.7 53.1

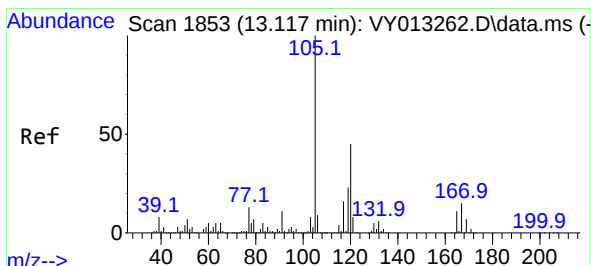
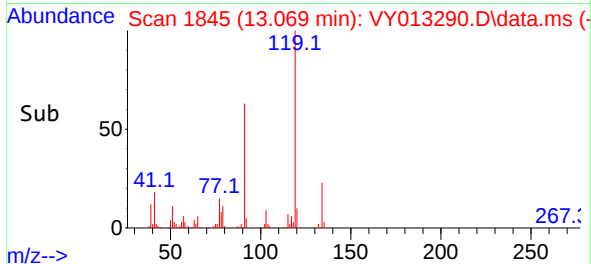
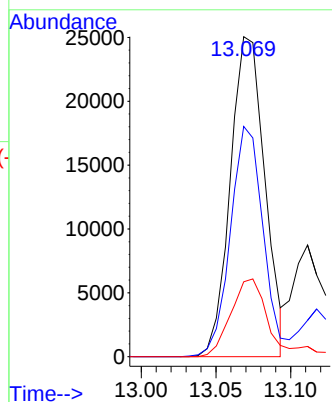
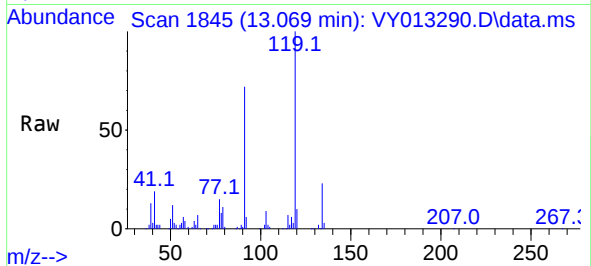




#83  
tert-Butylbenzene  
Concen: 4.759 ug/l  
RT: 13.069 min Scan# 119  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

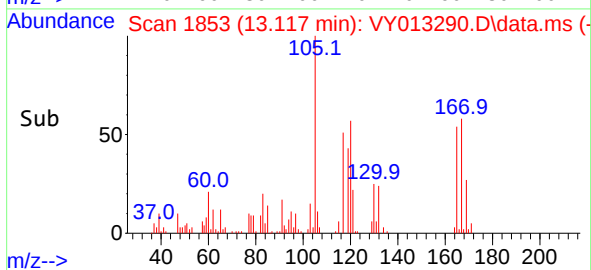
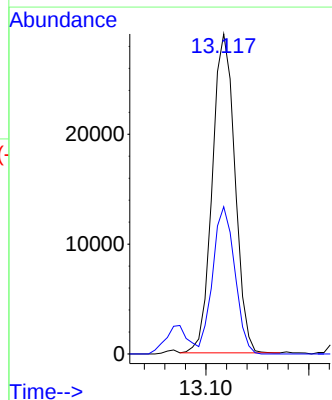
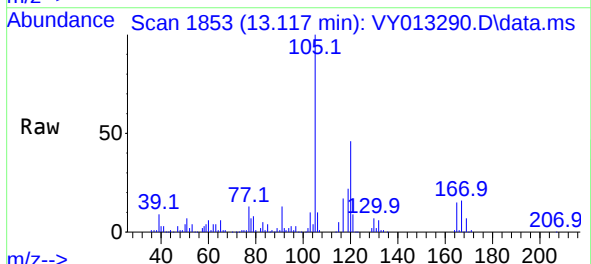
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

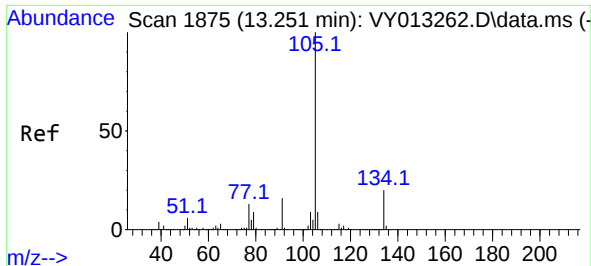
Tgt Ion:119 Resp: 40175  
Ion Ratio Lower Upper  
119 100  
91 68.8 32.8 98.3  
134 27.1 13.6 40.8



#84  
1,2,4-Trimethylbenzene  
Concen: 4.625 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion:105 Resp: 44282  
Ion Ratio Lower Upper  
105 100  
120 45.1 23.0 69.0

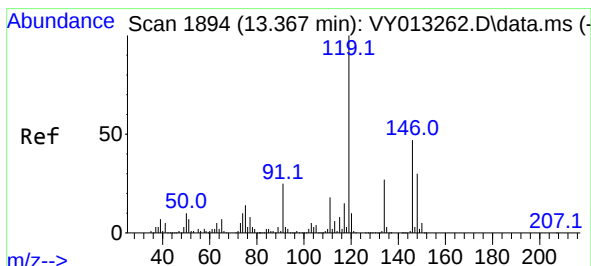
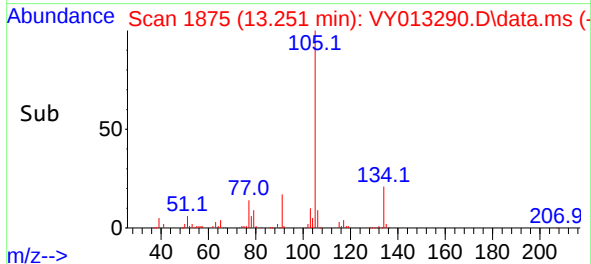
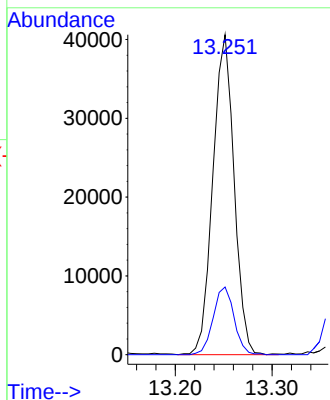
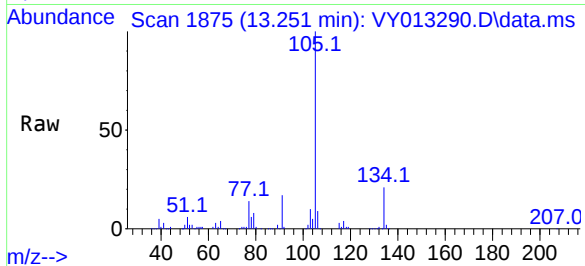




#85  
 sec-Butylbenzene  
 Concen: 4.897 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. -0.000 min  
 Lab File: VY013290.D  
 Acq: 13 Apr 2023 12:56

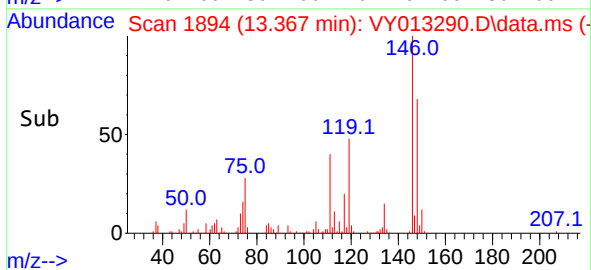
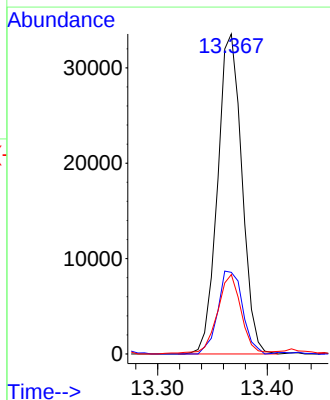
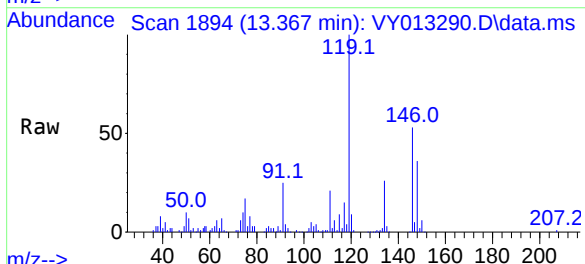
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 Inflationary Surcharges

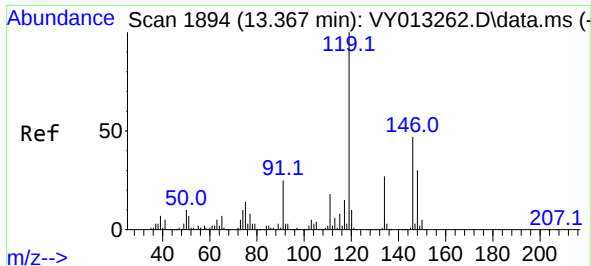
Tgt Ion:105 Resp: 61820  
 Ion Ratio Lower Upper  
 105 100  
 134 20.8 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 4.981 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. -0.000 min  
 Lab File: VY013290.D  
 Acq: 13 Apr 2023 12:56

Tgt Ion:119 Resp: 51605  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.2 39.6  
 91 24.4 11.8 35.3

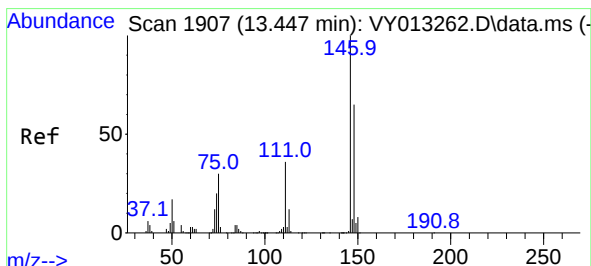
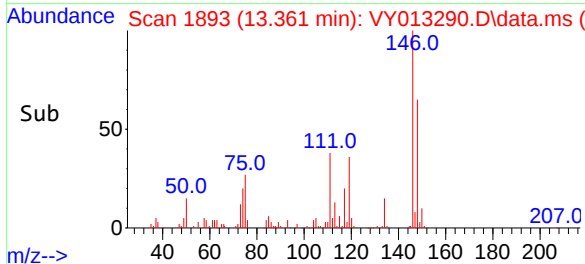
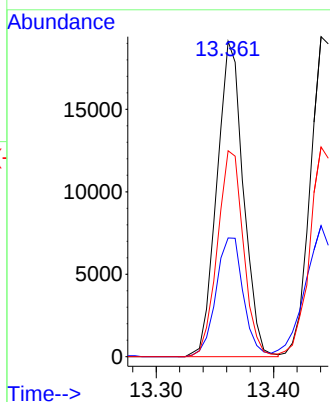
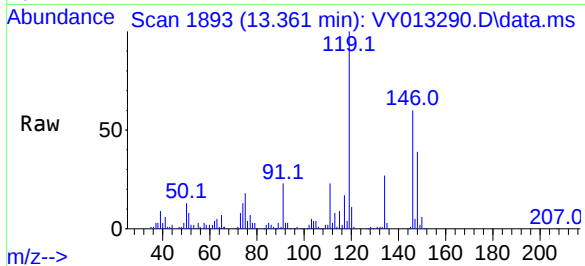




#87  
1,3-Dichlorobenzene  
Concen: 5.291 ug/l  
RT: 13.361 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

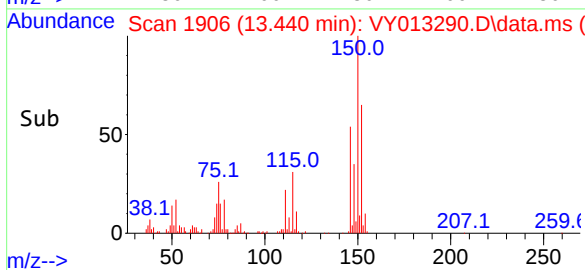
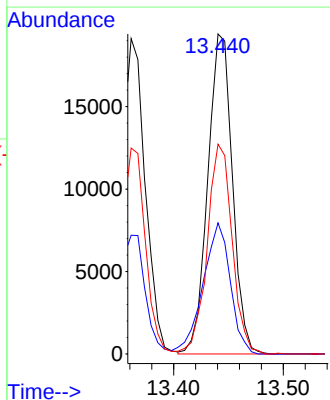
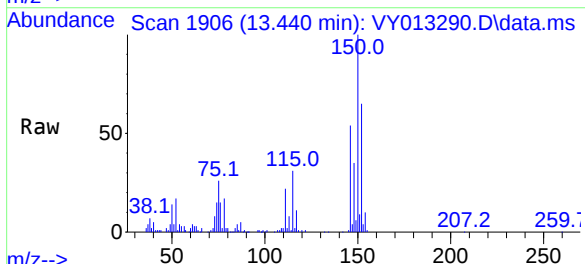
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

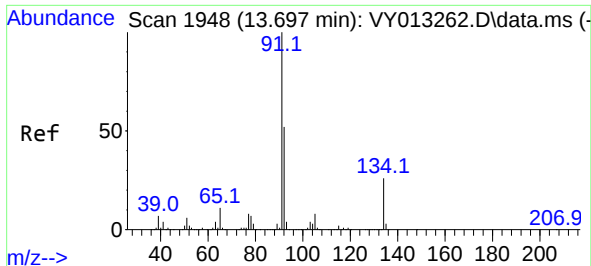
Tgt Ion:146 Resp: 29959  
Ion Ratio Lower Upper  
146 100  
111 39.1 19.1 57.5  
148 64.2 31.8 95.3



#88  
1,4-Dichlorobenzene  
Concen: 5.298 ug/l  
RT: 13.440 min Scan# 1906  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion:146 Resp: 30315  
Ion Ratio Lower Upper  
146 100  
111 45.4 18.6 55.8  
148 66.5 31.5 94.5

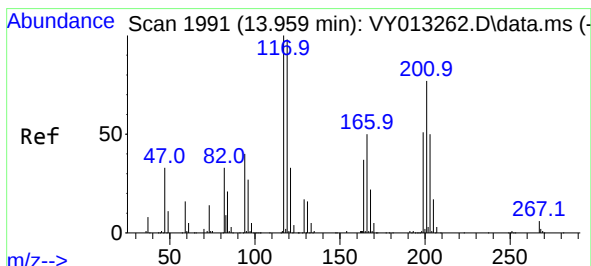
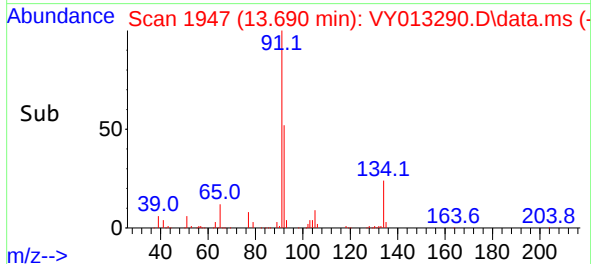
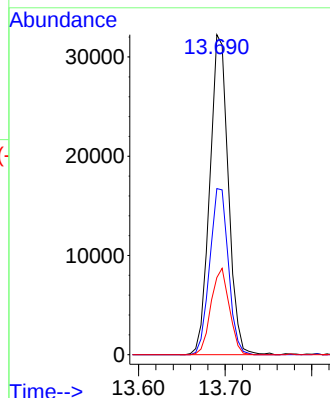
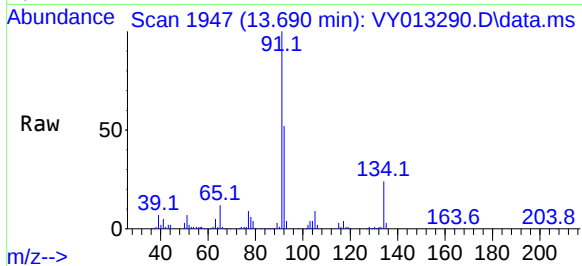




#89  
n-Butylbenzene  
Concen: 4.830 ug/l  
RT: 13.690 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

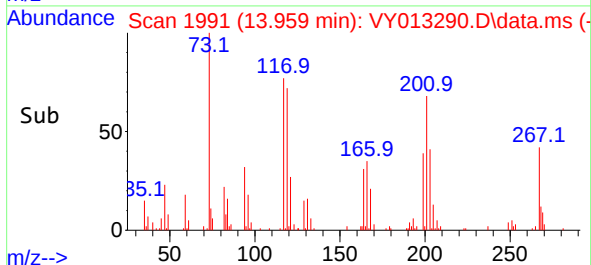
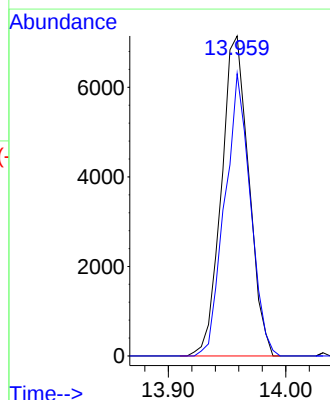
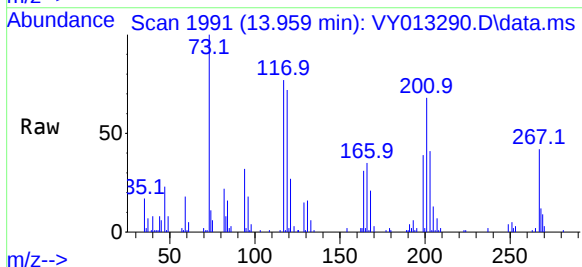
Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

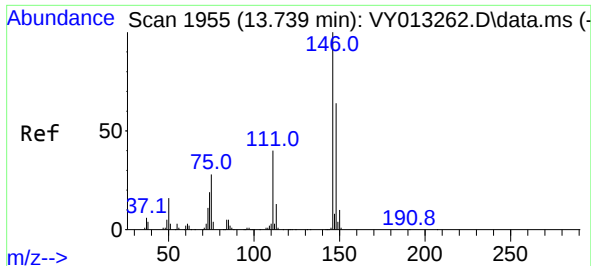
Tgt Ion: 91 Resp: 47855  
Ion Ratio Lower Upper  
91 100  
92 52.3 26.4 79.0  
134 26.7 13.0 38.9



#90  
Hexachloroethane  
Concen: 5.367 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Tgt Ion: 117 Resp: 11592  
Ion Ratio Lower Upper  
117 100  
201 82.2 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 5.222 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. -0.006 min

Lab File: VY013290.D

Acq: 13 Apr 2023 12:56

Instrument :

MSVOA\_Y

ClientSampleId :

Inflationary Surcharges

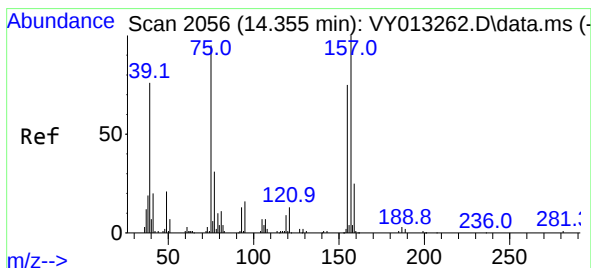
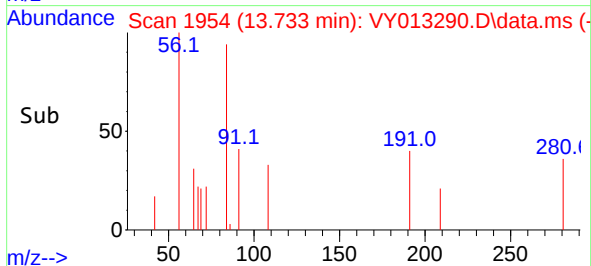
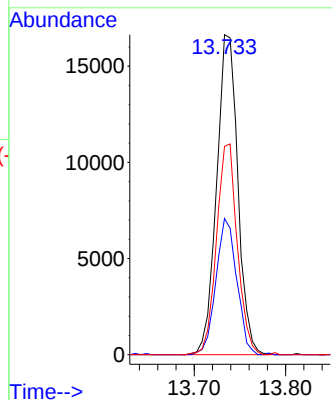
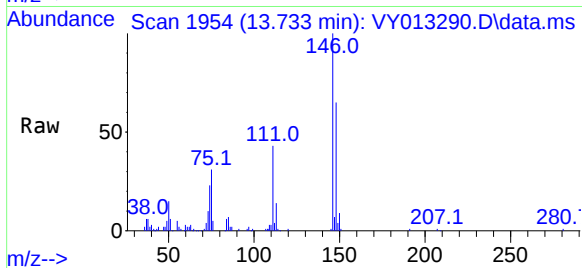
Tgt Ion:146 Resp: 26905

Ion Ratio Lower Upper

146 100

111 41.6 19.7 59.1

148 64.6 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.192 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013290.D

Acq: 13 Apr 2023 12:56

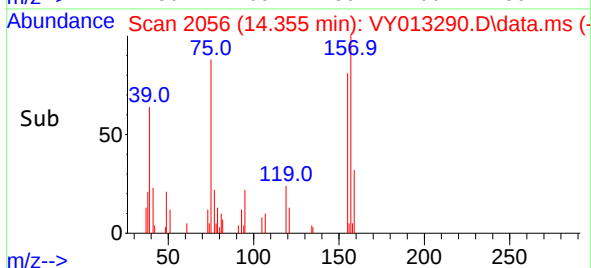
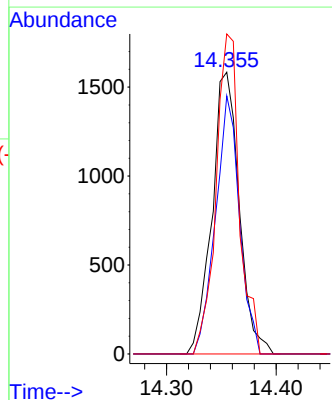
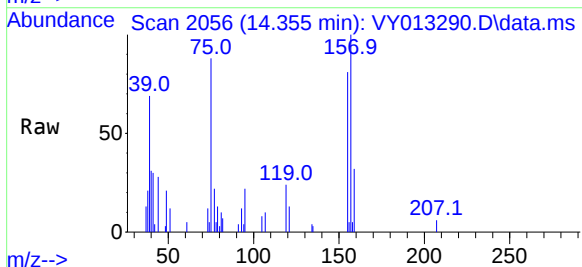
Tgt Ion: 75 Resp: 2736

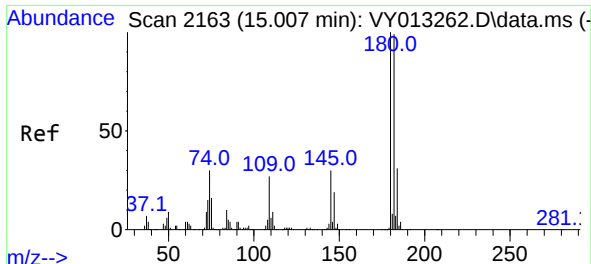
Ion Ratio Lower Upper

75 100

155 80.6 43.8 131.4

157 97.4 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 5.124 ug/l

RT: 15.001 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY013290.D

Acq: 13 Apr 2023 12:56

Instrument :

MSVOA\_Y

ClientSampleId :

Inflationary Surcharges

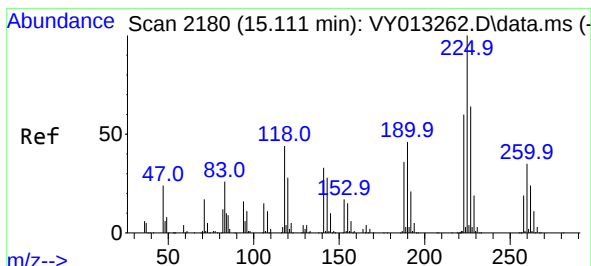
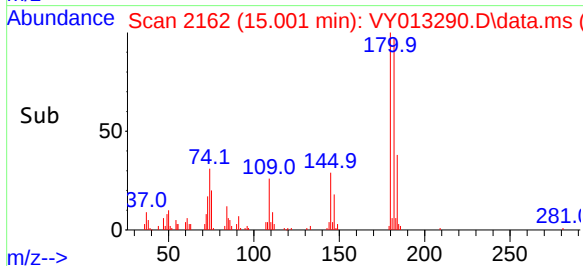
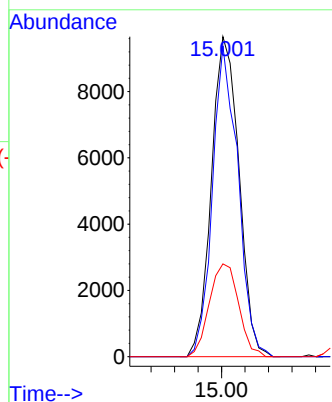
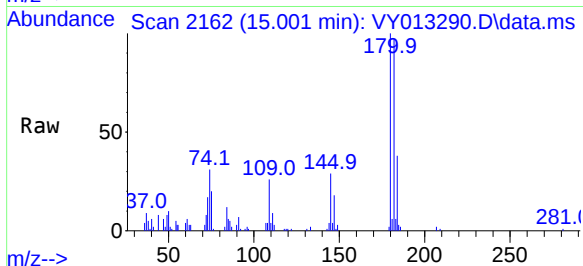
Tgt Ion:180 Resp: 15691

Ion Ratio Lower Upper

180 100

182 89.9 46.7 140.1

145 30.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 5.251 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013290.D

Acq: 13 Apr 2023 12:56

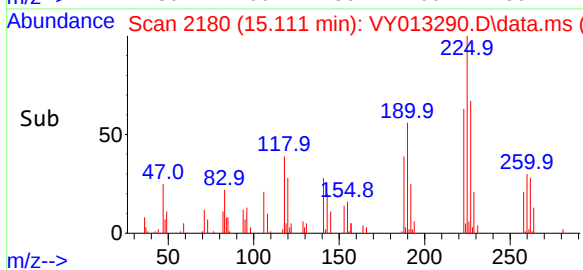
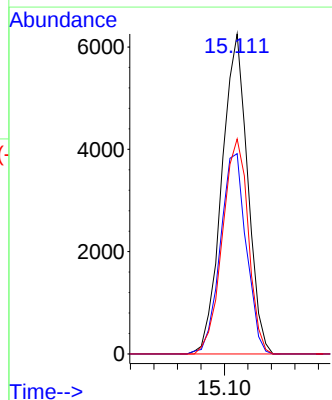
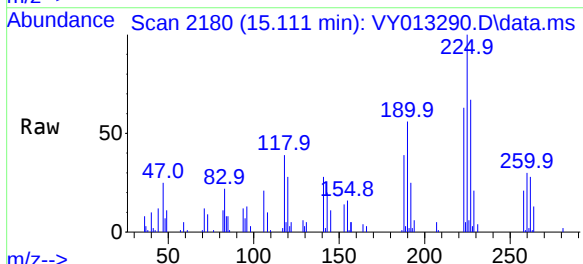
Tgt Ion:225 Resp: 9522

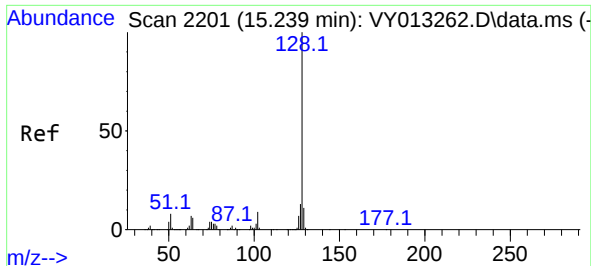
Ion Ratio Lower Upper

225 100

223 63.0 31.1 93.3

227 67.4 32.4 97.0

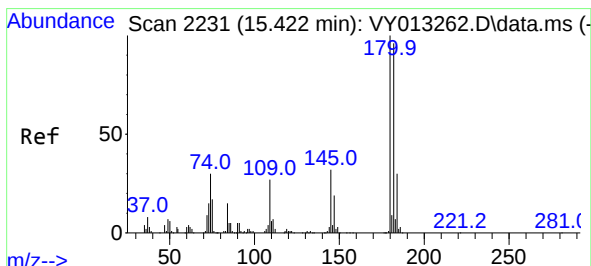
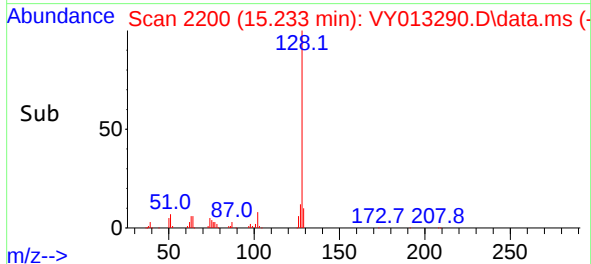
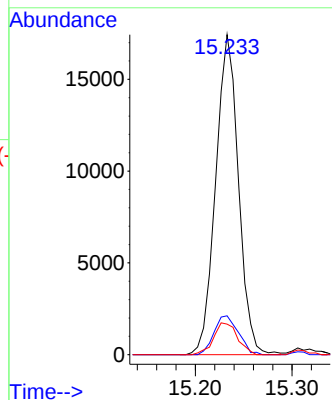
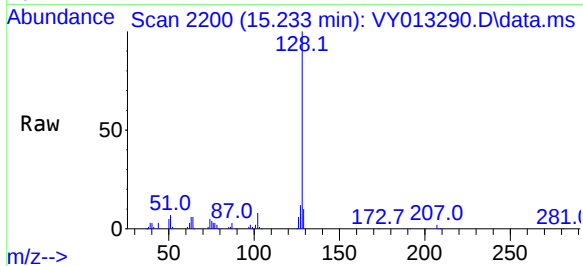




#95  
Naphthalene  
Concen: 6.756 ug/l  
RT: 15.233 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

Instrument :  
MSVOA\_Y  
ClientSampleId :  
Inflationary Surcharges

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 28499 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 13.0  | 10.3  | 15.5  |
| 129      | 10.5  | 8.6   | 13.0  |



#96  
1,2,3-Trichlorobenzene  
Concen: 4.956 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.000 min  
Lab File: VY013290.D  
Acq: 13 Apr 2023 12:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 13827 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 98.4  | 47.4  | 142.3 |
| 145      | 31.9  | 15.3  | 45.8  |

