

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY020224\  
 Data File : VY017177.D  
 Acq On : 02 Feb 2024 11:14  
 Operator : SY/MD  
 Sample : VY0202SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0202SBS01

Quant Time: Feb 02 22:27:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020124S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 02 00:56:04 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 7.795  | 168   | 129171   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697  | 114   | 222258   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.502 | 117   | 193817   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.434 | 152   | 86025    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.149  | 65    | 60328    | 52.280   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | = 104.560% |          |
| 35) Dibromofluoromethane     | 7.722  | 113   | 61294    | 51.076   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | = 102.160% |          |
| 50) Toluene-d8               | 10.185 | 98    | 229099   | 52.434   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 134 | Recovery | = 104.860% |          |
| 62) 4-Bromofluorobenzene     | 12.489 | 95    | 73445    | 51.313   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 30 - 143 | Recovery | = 102.620% |          |
| Target Compounds             |        |       |          |          |            |          |
|                              |        |       |          |          | Qvalue     |          |
| 2) Dichlorodifluoromethane   | 1.906  | 85    | 21702    | 22.163   | ug/l       | 96       |
| 3) Chloromethane             | 2.119  | 50    | 40367    | 22.948   | ug/l       | 98       |
| 4) Vinyl Chloride            | 2.260  | 62    | 48568    | 22.656   | ug/l       | 98       |
| 5) Bromomethane              | 2.656  | 94    | 34259    | 23.055   | ug/l       | 97       |
| 6) Chloroethane              | 2.802  | 64    | 30650    | 22.144   | ug/l       | 99       |
| 7) Trichlorofluoromethane    | 3.131  | 101   | 49329    | 22.378   | ug/l       | 99       |
| 8) Diethyl Ether             | 3.540  | 74    | 14484    | 20.889   | ug/l       | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 3.912  | 101   | 28721    | 21.494   | ug/l       | 99       |
| 10) Methyl Iodide            | 4.101  | 142   | 28457    | 20.257   | ug/l       | 99       |
| 11) Tert butyl alcohol       | 4.966  | 59    | 10850    | 101.946  | ug/l       | 100      |
| 12) 1,1-Dichloroethene       | 3.881  | 96    | 26215    | 20.937   | ug/l       | 94       |
| 13) Acrolein                 | 3.735  | 56    | 11459    | 113.449  | ug/l       | 96       |
| 14) Allyl chloride           | 4.485  | 41    | 41633    | 21.995   | ug/l       | 99       |
| 15) Acrylonitrile            | 5.174  | 53    | 33709    | 107.977  | ug/l       | 99       |
| 16) Acetone                  | 3.954  | 43    | 39408    | 116.194  | ug/l       | 96       |
| 17) Carbon Disulfide         | 4.204  | 76    | 85545    | 21.403   | ug/l       | 99       |
| 18) Methyl Acetate           | 4.485  | 43    | 13980    | 18.477   | ug/l       | 99       |
| 19) Methyl tert-butyl Ether  | 5.229  | 73    | 64115    | 21.262   | ug/l       | 99       |
| 20) Methylene Chloride       | 4.723  | 84    | 33579    | 22.228   | ug/l       | 95       |
| 21) trans-1,2-Dichloroethene | 5.235  | 96    | 30654    | 21.521   | ug/l       | 98       |
| 22) Diisopropyl ether        | 6.125  | 45    | 91942    | 22.119   | ug/l       | 98       |
| 23) Vinyl Acetate            | 6.070  | 43    | 279597   | 111.010  | ug/l       | 99       |
| 24) 1,1-Dichloroethane       | 6.027  | 63    | 55269    | 21.705   | ug/l       | 98       |
| 25) 2-Butanone               | 6.990  | 43    | 51111    | 113.361  | ug/l       | 97       |
| 26) 2,2-Dichloropropane      | 6.990  | 77    | 45515    | 21.489   | ug/l       | 100      |
| 27) cis-1,2-Dichloroethene   | 6.997  | 96    | 34365    | 21.571   | ug/l       | 99       |
| 28) Bromochloromethane       | 7.338  | 49    | 20044    | 20.558   | ug/l       | 97       |
| 29) Tetrahydrofuran          | 7.356  | 42    | 27450    | 107.777  | ug/l       | 99       |
| 30) Chloroform               | 7.515  | 83    | 55777    | 21.774   | ug/l       | 98       |
| 31) Cyclohexane              | 7.789  | 56    | 49800    | 21.411   | ug/l       | 97       |
| 32) 1,1,1-Trichloroethane    | 7.710  | 97    | 47449    | 21.535   | ug/l       | 99       |
| 36) 1,1-Dichloropropene      | 7.923  | 75    | 43312    | 20.923   | ug/l       | 100      |
| 37) Ethyl Acetate            | 7.082  | 43    | 21103    | 21.980   | ug/l       | 96       |
| 38) Carbon Tetrachloride     | 7.905  | 117   | 41409    | 20.893   | ug/l       | 96       |
| 39) Methylcyclohexane        | 9.191  | 83    | 49838    | 20.609   | ug/l       | 99       |
| 40) Benzene                  | 8.167  | 78    | 126076   | 21.328   | ug/l       | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY020224\  
 Data File : VY017177.D  
 Acq On : 02 Feb 2024 11:14  
 Operator : SY/MD  
 Sample : VY0202SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0202SBS01

Quant Time: Feb 02 22:27:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020124S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 02 00:56:04 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.356  | 41   | 26399    | 58.034  | ug/l # | 33       |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 33316    | 21.286  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.283  | 43   | 35708    | 21.010  | ug/l   | 100      |
| 44) Trichloroethene           | 8.947  | 130  | 31439    | 20.952  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 30368    | 20.915  | ug/l   | 94       |
| 46) Dibromomethane            | 9.313  | 93   | 16759    | 21.367  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.502  | 83   | 41524    | 21.155  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.301  | 41   | 16455    | 20.641  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 3661     | 428.838 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 97901    | 107.460 | ug/l   | 99       |
| 52) Toluene                   | 10.252 | 92   | 77001    | 21.580  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.472 | 75   | 38923    | 21.111  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 46630    | 21.115  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 22856    | 21.418  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.520 | 69   | 26634    | 20.440  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 39105    | 21.306  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 64314    | 96.741  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.837 | 43   | 75212    | 114.168 | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.990 | 129  | 26046    | 20.805  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.099 | 107  | 20982    | 21.141  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.728 | 164  | 25879    | 20.559  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.520 | 112  | 78103    | 20.889  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.599 | 131  | 27260    | 20.063  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.599 | 91   | 142713   | 21.120  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.709 | 106  | 107429   | 41.893  | ug/l   | 98       |
| 69) o-Xylene                  | 12.038 | 106  | 49866    | 21.116  | ug/l   | 100      |
| 70) Styrene                   | 12.050 | 104  | 82200    | 21.126  | ug/l   | 99       |
| 71) Bromoform                 | 12.215 | 173  | 14583    | 20.494  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.337 | 105  | 133127   | 21.065  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.148 | 43   | 30323    | 21.354  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 25317    | 20.368  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.642 | 75   | 30964    | 38.998  | ug/l # | 100      |
| 77) Bromobenzene              | 12.617 | 156  | 28313    | 20.198  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.678 | 91   | 167029   | 21.520  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.764 | 91   | 90342    | 21.171  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.819 | 105  | 106637   | 21.216  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.386 | 75   | 8089     | 21.169  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.861 | 91   | 91971    | 20.942  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.081 | 119  | 91426    | 21.221  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.130 | 105  | 107165   | 21.601  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.258 | 105  | 143185   | 21.264  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 114037   | 21.193  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.373 | 146  | 58721    | 20.998  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.453 | 146  | 55991    | 20.609  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.703 | 91   | 108928   | 21.291  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.971 | 117  | 23285    | 21.079  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.745 | 146  | 49722    | 20.886  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 3359     | 20.747  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.013 | 180  | 25626    | 21.671  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 15281    | 21.942  | ug/l   | 98       |
| 95) Naphthalene               | 15.245 | 128  | 45520    | 21.748  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 21751    | 21.628  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY020224\  
Data File : VY017177.D  
Acq On : 02 Feb 2024 11:14  
Operator : SY/MD  
Sample : VY0202SBS01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 6 Sample Multiplier: 1

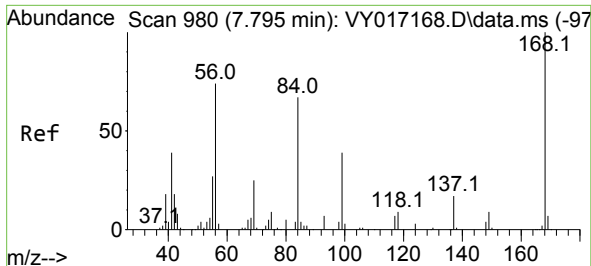
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

Quant Time: Feb 02 22:27:27 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020124S.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 02 00:56:04 2024  
Response via : Initial Calibration

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

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

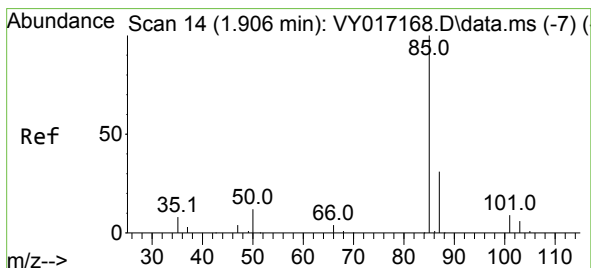
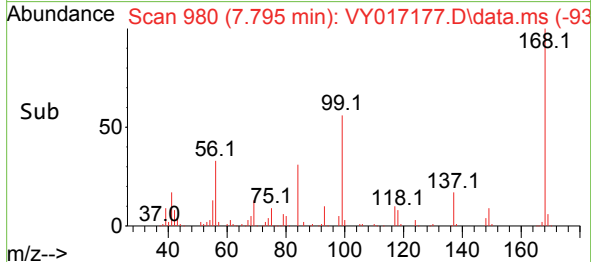
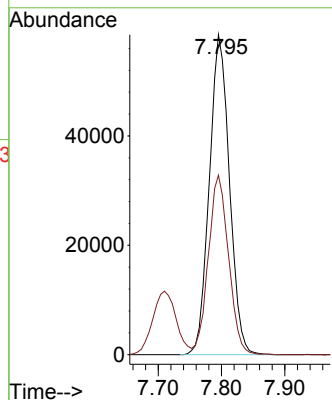
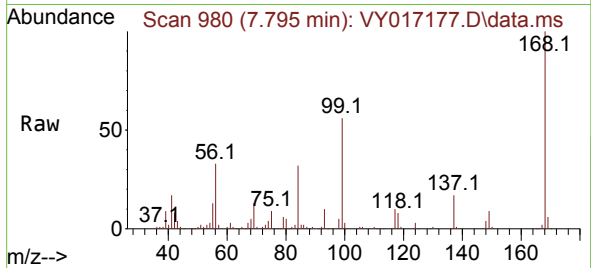




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

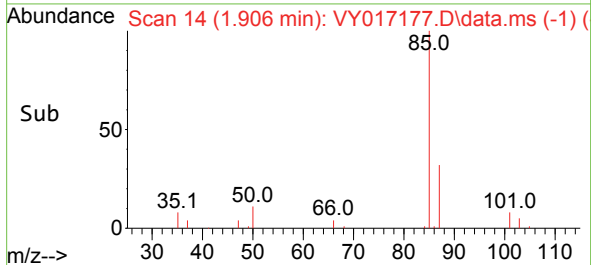
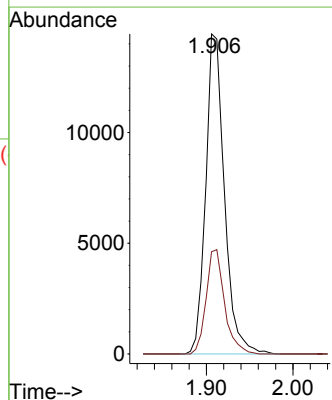
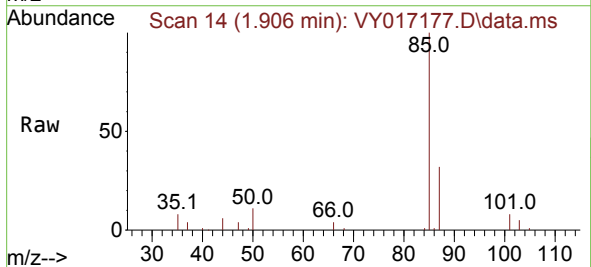
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

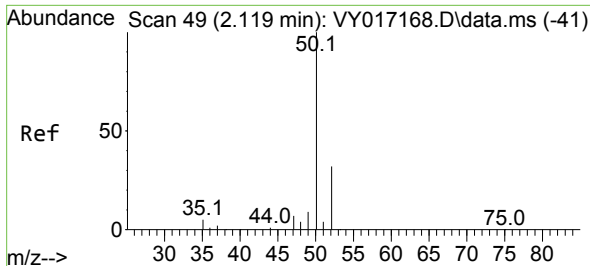
Tgt Ion:168 Resp: 129171  
Ion Ratio Lower Upper  
168 100  
99 56.1 44.2 66.4



#2  
Dichlorodifluoromethane  
Concen: 22.163 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

Tgt Ion: 85 Resp: 21702  
Ion Ratio Lower Upper  
85 100  
87 32.0 17.1 51.3

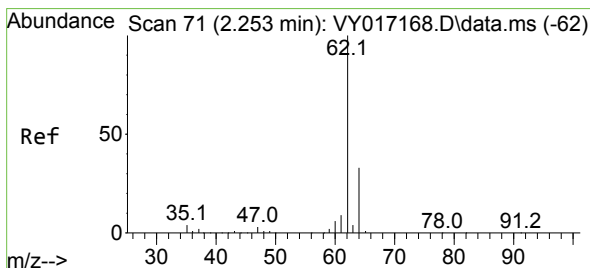
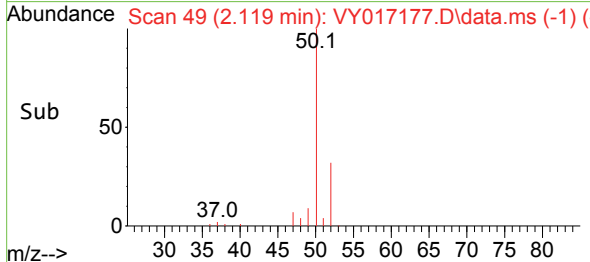
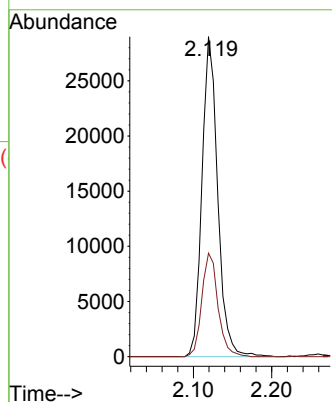
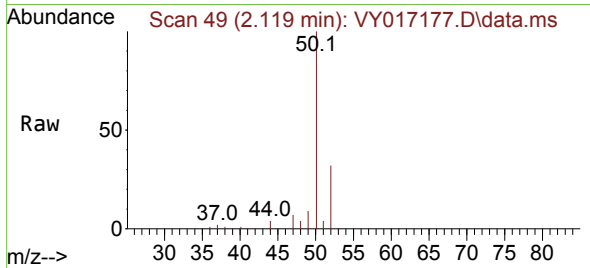




#3  
Chloromethane  
Concen: 22.948 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

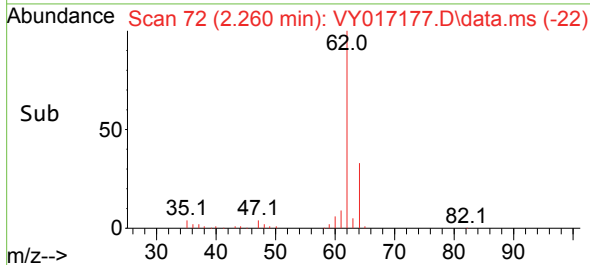
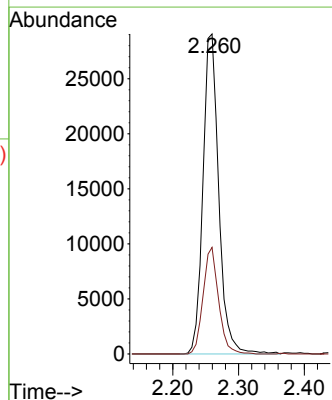
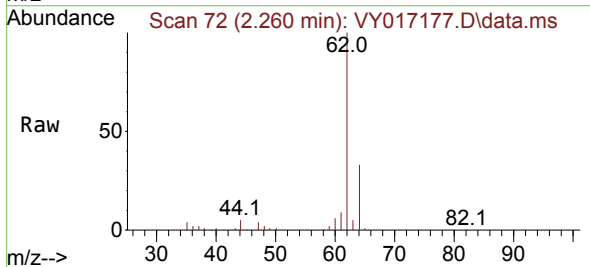
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

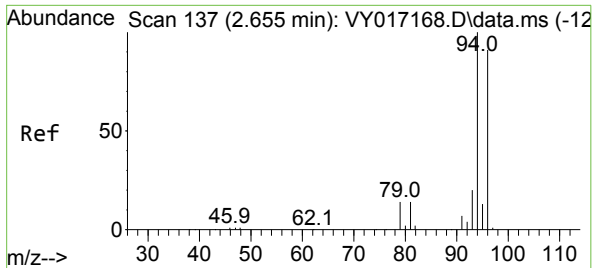
Tgt Ion: 50 Resp: 40367  
Ion Ratio Lower Upper  
50 100  
52 32.4 26.7 40.1



#4  
Vinyl Chloride  
Concen: 22.656 ug/l  
RT: 2.260 min Scan# 72  
Delta R.T. 0.007 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

Tgt Ion: 62 Resp: 48568  
Ion Ratio Lower Upper  
62 100  
64 33.3 25.7 38.5

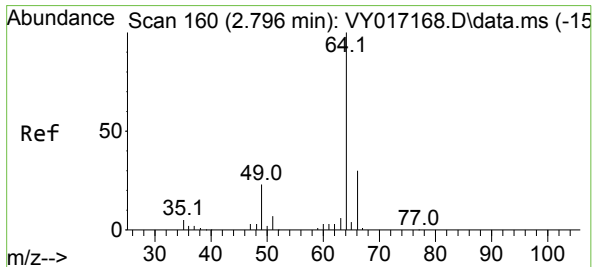
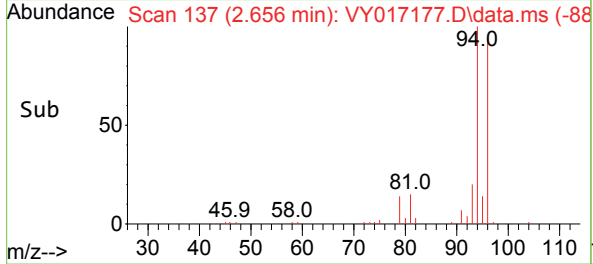
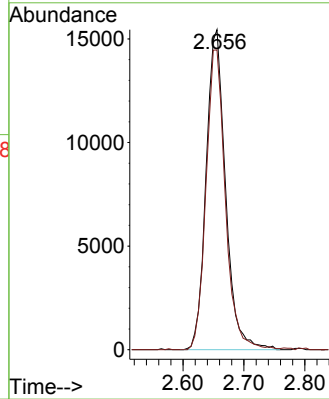
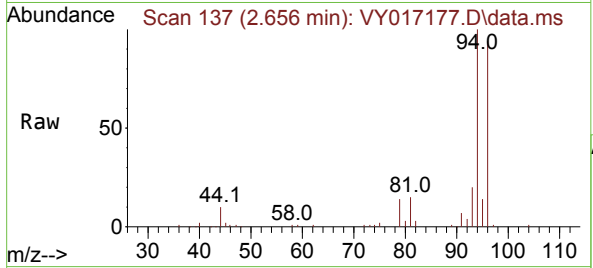




#5  
Bromomethane  
Concen: 23.055 ug/l  
RT: 2.656 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

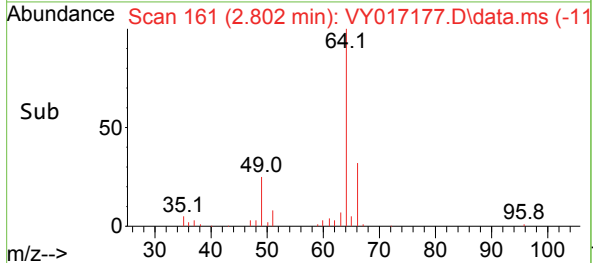
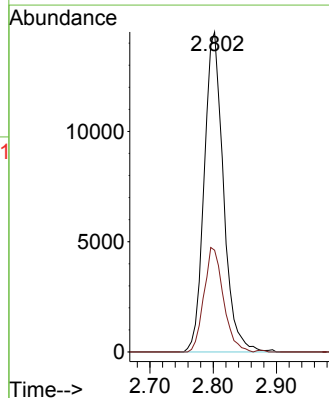
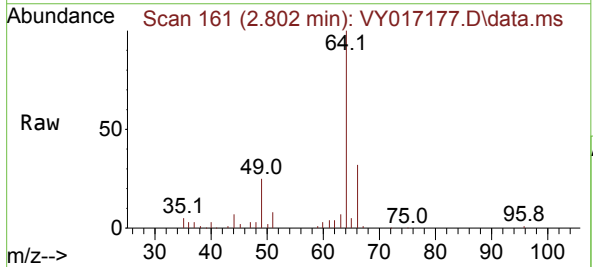
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

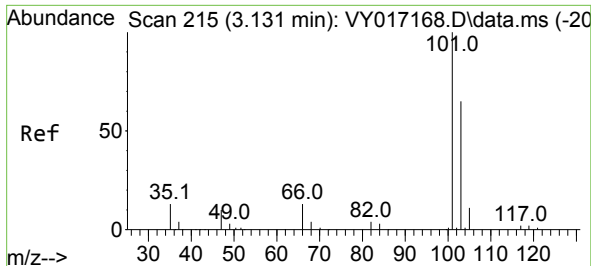
Tgt Ion: 94 Resp: 34259  
Ion Ratio Lower Upper  
94 100  
96 93.6 77.3 115.9



#6  
Chloroethane  
Concen: 22.144 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. 0.007 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

Tgt Ion: 64 Resp: 30650  
Ion Ratio Lower Upper  
64 100  
66 31.8 25.1 37.7

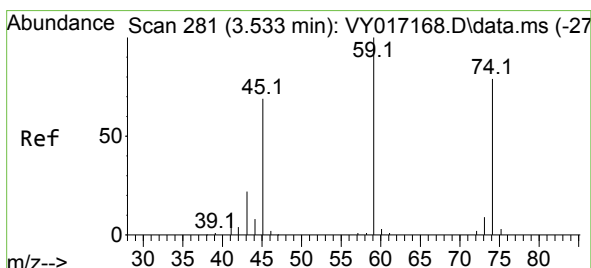
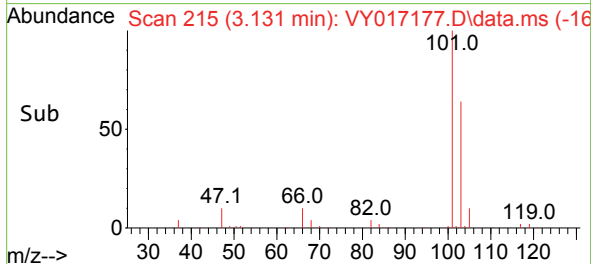
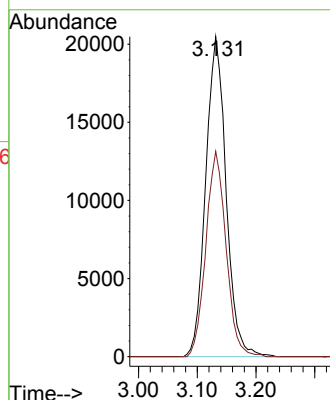
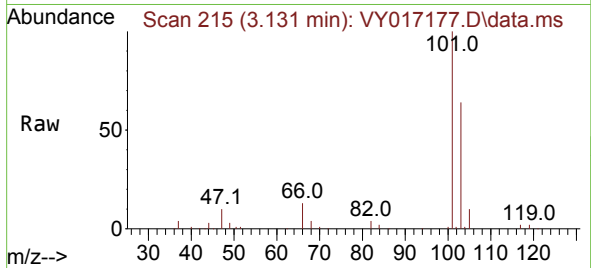




#7  
 Trichlorofluoromethane  
 Concen: 22.378 ug/l  
 RT: 3.131 min Scan# 215  
 Delta R.T. 0.000 min  
 Lab File: VY017177.D  
 Acq: 02 Feb 2024 11:14

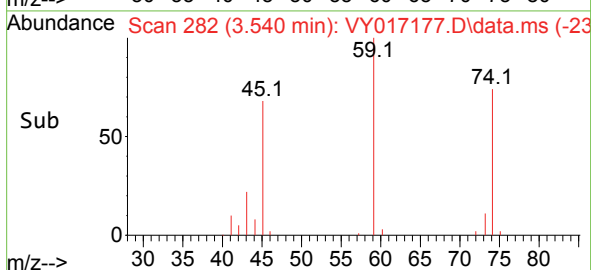
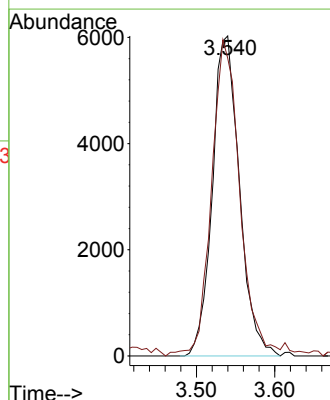
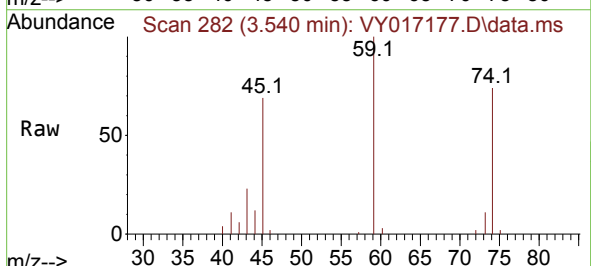
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0202SBS01

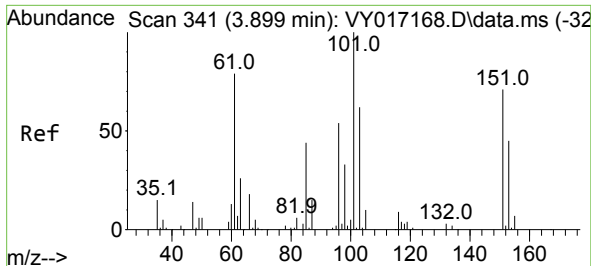
Tgt Ion:101 Resp: 49329  
 Ion Ratio Lower Upper  
 101 100  
 103 64.1 51.9 77.9



#8  
 Diethyl Ether  
 Concen: 20.889 ug/l  
 RT: 3.540 min Scan# 282  
 Delta R.T. 0.007 min  
 Lab File: VY017177.D  
 Acq: 02 Feb 2024 11:14

Tgt Ion: 74 Resp: 14484  
 Ion Ratio Lower Upper  
 74 100  
 45 103.0 47.9 143.7

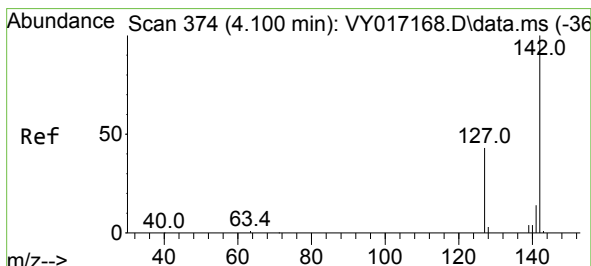
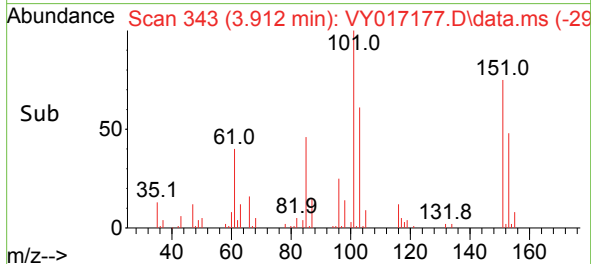
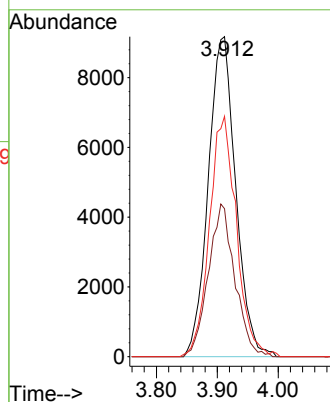
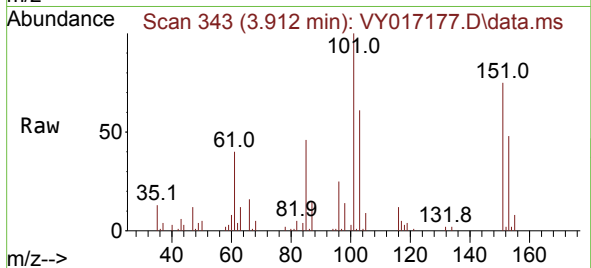




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.494 ug/l  
RT: 3.912 min Scan# 341  
Delta R.T. 0.013 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

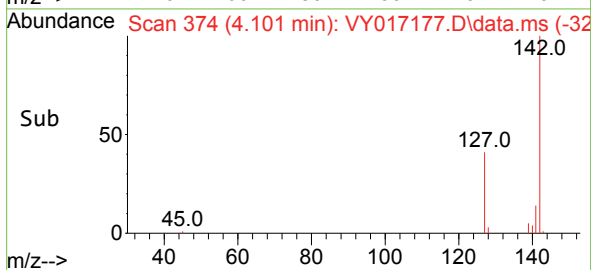
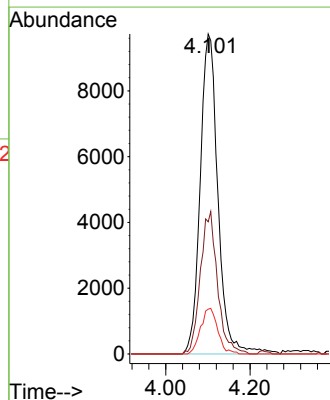
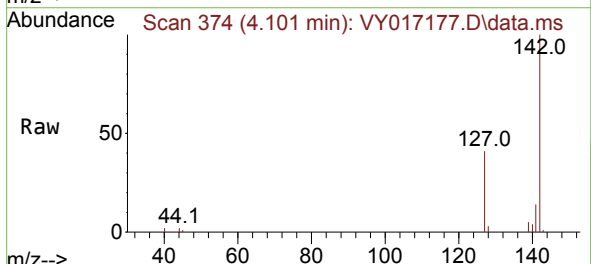
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

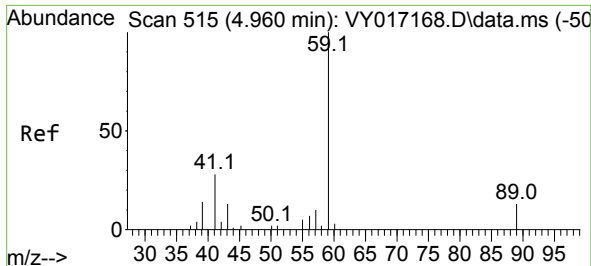
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 28721 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 46.2  | 35.8  | 53.6  |
| 151      | 73.9  | 58.6  | 88.0  |



#10  
Methyl Iodide  
Concen: 20.257 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 28457 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 43.1  | 35.1  | 52.7  |
| 141      | 13.8  | 11.8  | 17.6  |

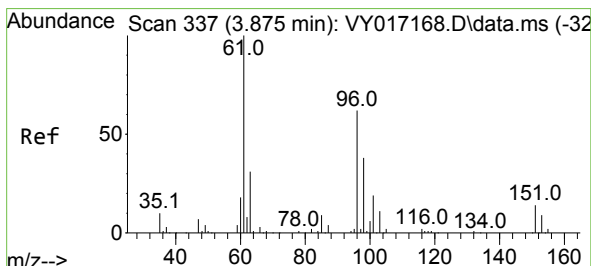
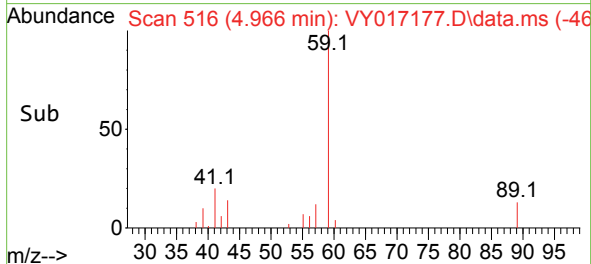
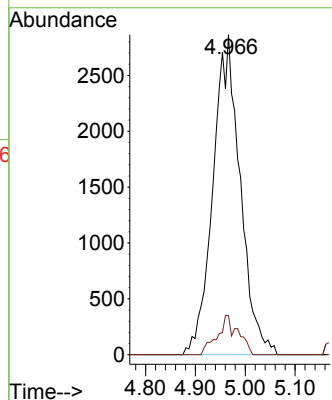
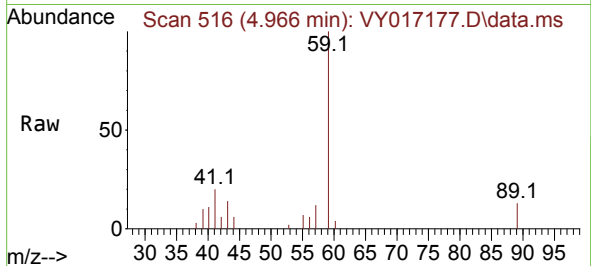




#11  
Tert butyl alcohol  
Concen: 101.946 ug/l  
RT: 4.966 min Scan# 515  
Delta R.T. 0.006 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

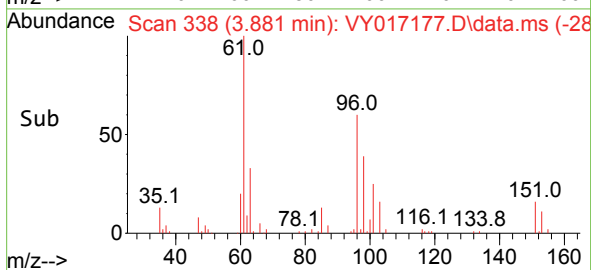
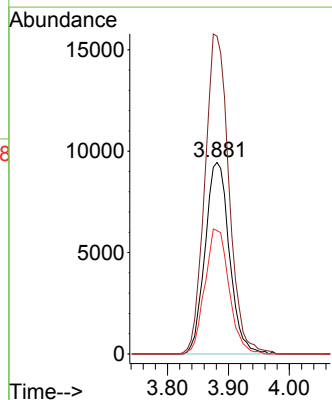
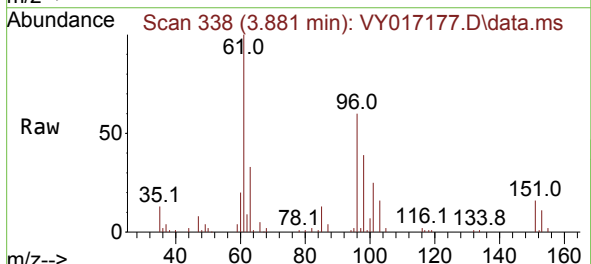
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

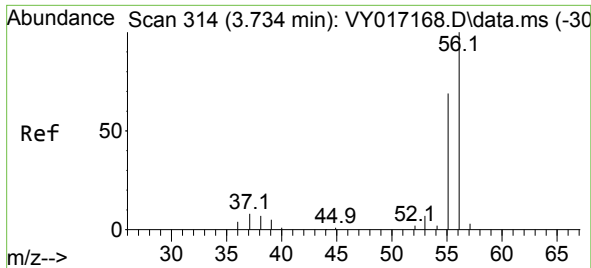
Tgt Ion: 59 Resp: 10850  
Ion Ratio Lower Upper  
59 100  
57 9.3 7.4 11.0



#12  
1,1-Dichloroethene  
Concen: 20.937 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. 0.007 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

Tgt Ion: 96 Resp: 26215  
Ion Ratio Lower Upper  
96 100  
61 165.9 124.2 186.2  
98 64.4 52.6 79.0





#13

Acrolein

Concen: 113.449 ug/l

RT: 3.735 min Scan# 314

Delta R.T. 0.001 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA\_Y

ClientSampleId :

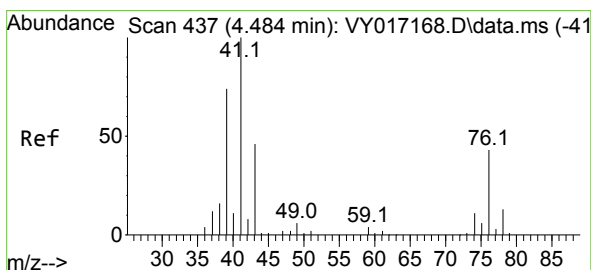
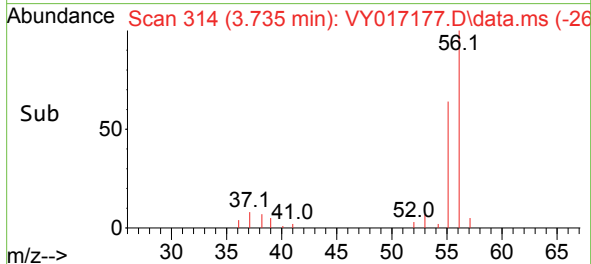
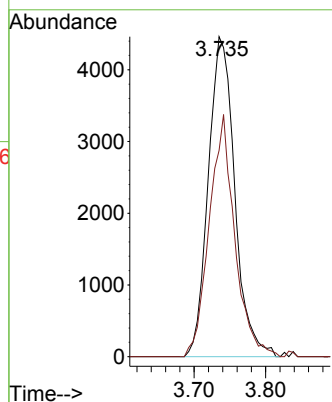
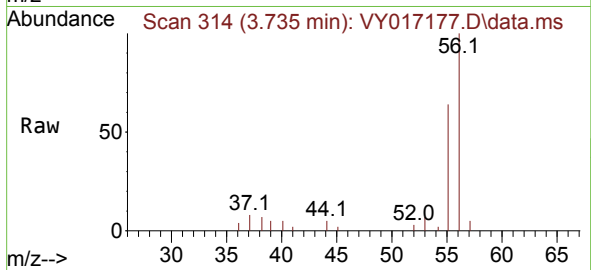
VY0202SBS01

Tgt Ion: 56 Resp: 11459

Ion Ratio Lower Upper

56 100

55 72.9 55.4 83.0



#14

Allyl chloride

Concen: 21.995 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

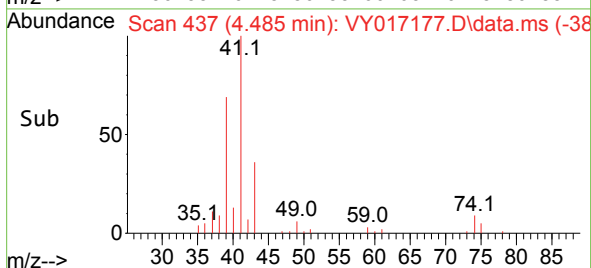
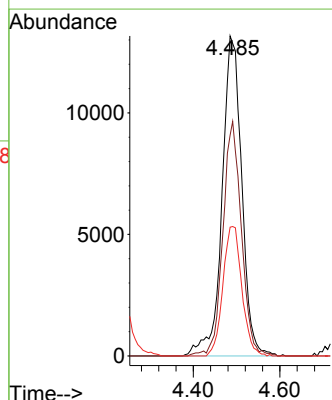
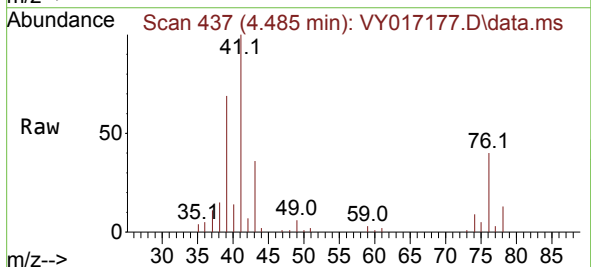
Tgt Ion: 41 Resp: 41633

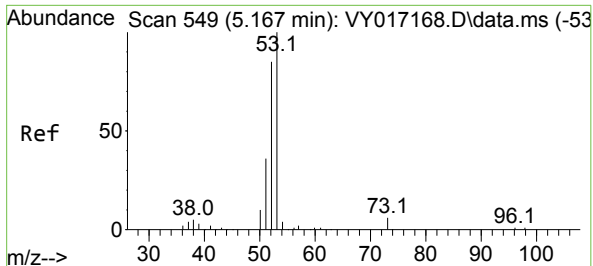
Ion Ratio Lower Upper

41 100

39 68.8 54.7 82.1

76 38.9 31.8 47.6

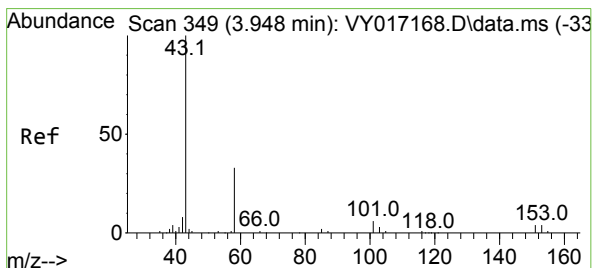
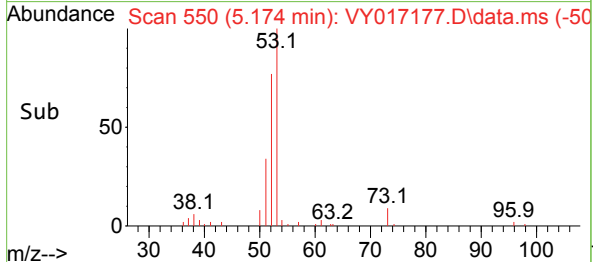
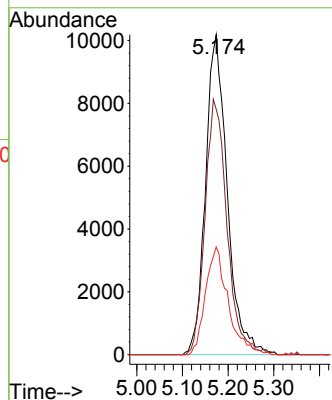
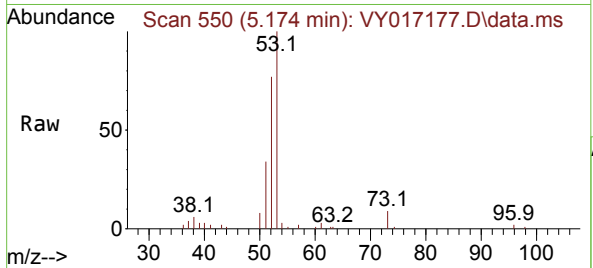




#15  
Acrylonitrile  
Concen: 107.977 ug/l  
RT: 5.174 min Scan# 51  
Delta R.T. 0.007 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

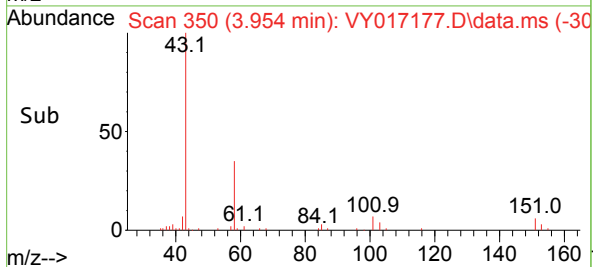
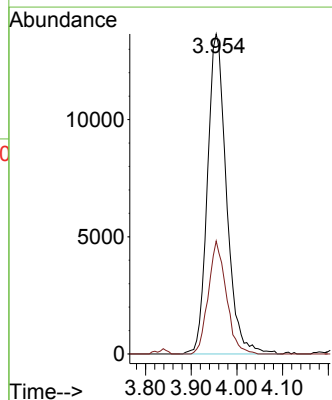
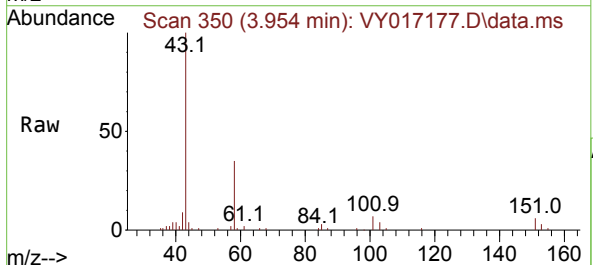
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

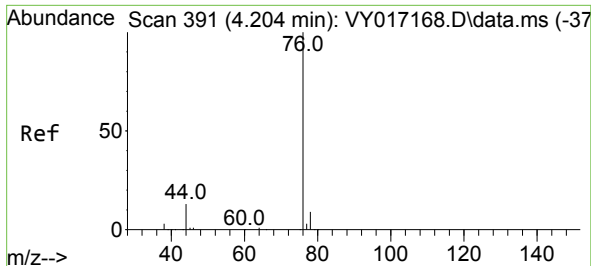
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 33709 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 80.6  | 65.1  | 97.7  |
| 51       | 35.3  | 29.0  | 43.4  |



#16  
Acetone  
Concen: 116.194 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. 0.007 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 39408 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 35.3  | 26.6  | 39.8  |

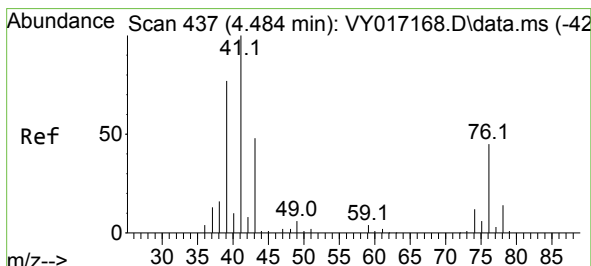
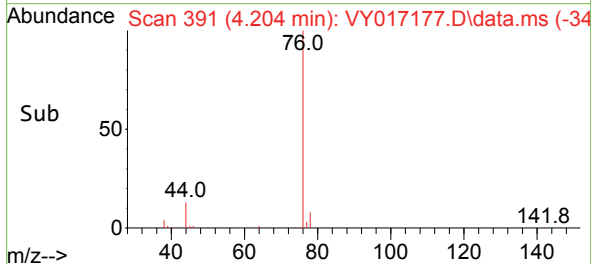
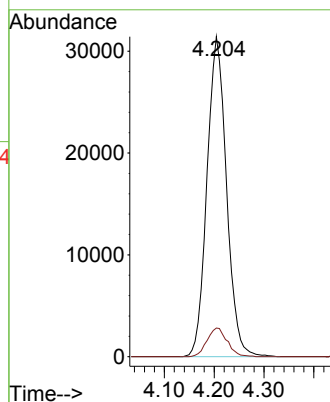
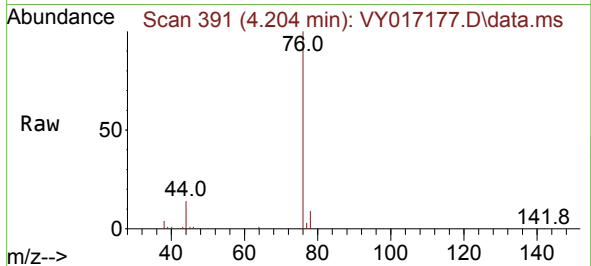




#17  
Carbon Disulfide  
Concen: 21.403 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

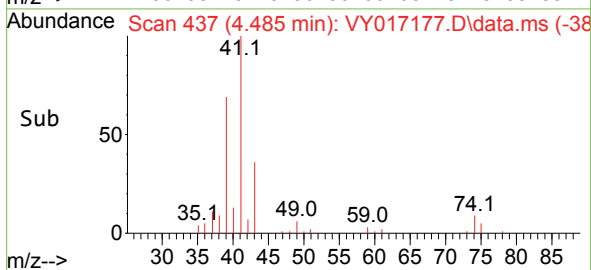
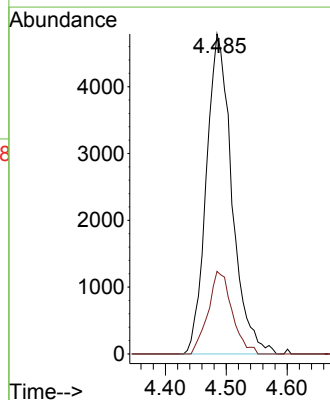
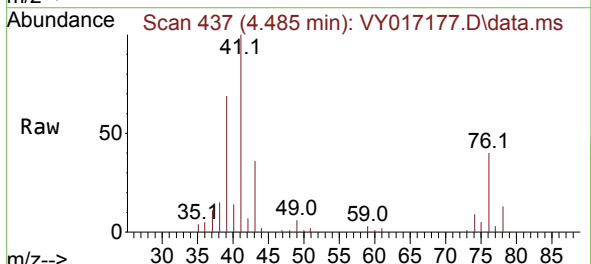
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

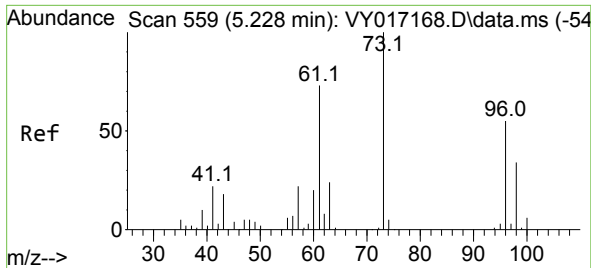
Tgt Ion: 76 Resp: 85545  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.4 11.0



#18  
Methyl Acetate  
Concen: 18.477 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

Tgt Ion: 43 Resp: 13980  
Ion Ratio Lower Upper  
43 100  
74 24.2 19.8 29.6

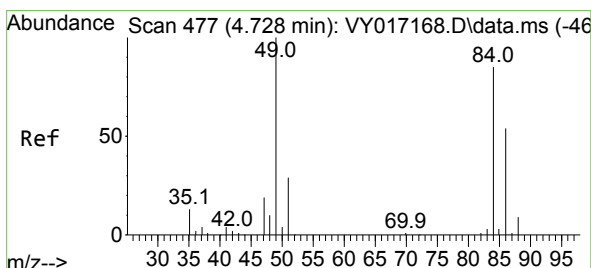
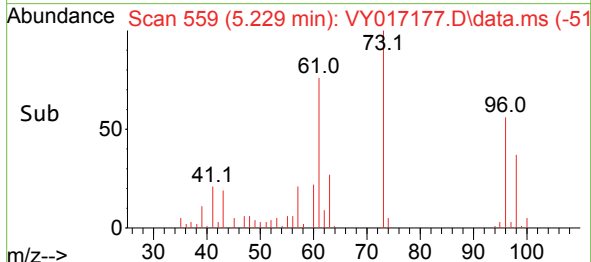
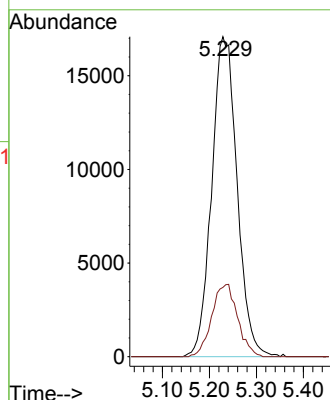
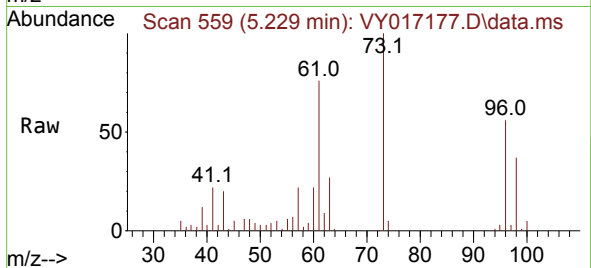




#19  
Methyl tert-butyl Ether  
Concen: 21.262 ug/l  
RT: 5.229 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

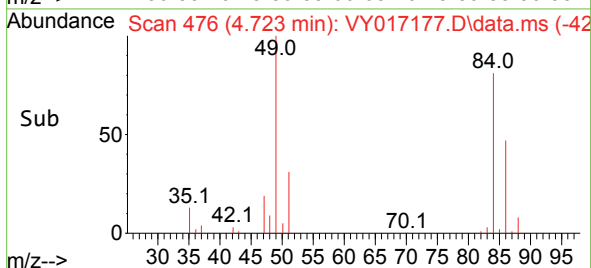
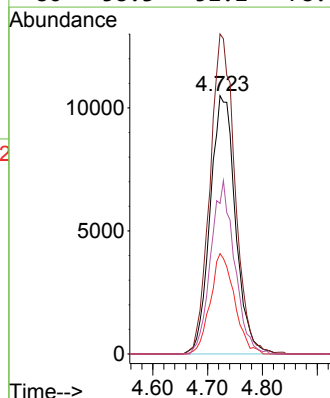
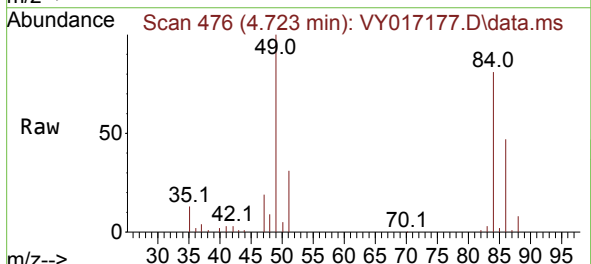
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

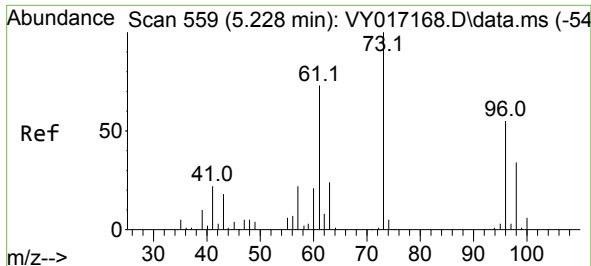
Tgt Ion: 73 Resp: 64115  
Ion Ratio Lower Upper  
73 100  
57 21.6 17.7 26.5



#20  
Methylene Chloride  
Concen: 22.228 ug/l  
RT: 4.723 min Scan# 476  
Delta R.T. -0.005 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

Tgt Ion: 84 Resp: 33579  
Ion Ratio Lower Upper  
84 100  
49 123.9 95.2 142.8  
51 38.8 29.9 44.9  
86 58.3 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 21.521 ug/l

RT: 5.235 min Scan# 5

Delta R.T. 0.007 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0202SBS01

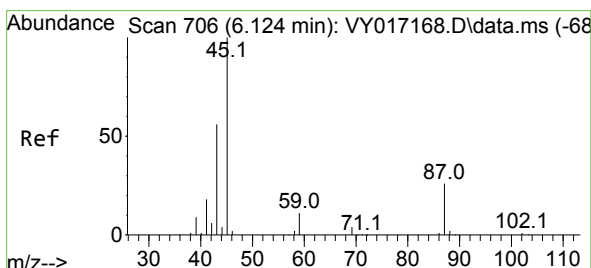
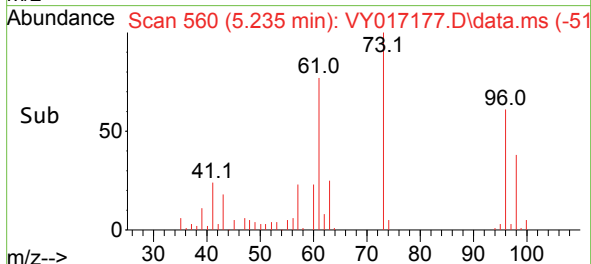
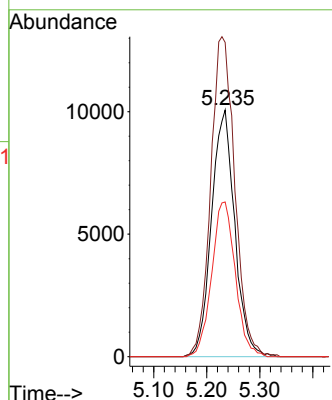
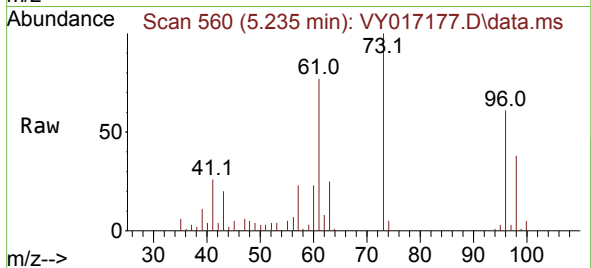
Tgt Ion: 96 Resp: 30654

Ion Ratio Lower Upper

96 100

61 127.4 104.6 156.8

98 62.7 50.9 76.3



#22

Diisopropyl ether

Concen: 22.119 ug/l

RT: 6.125 min Scan# 706

Delta R.T. 0.000 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

Tgt Ion: 45 Resp: 91942

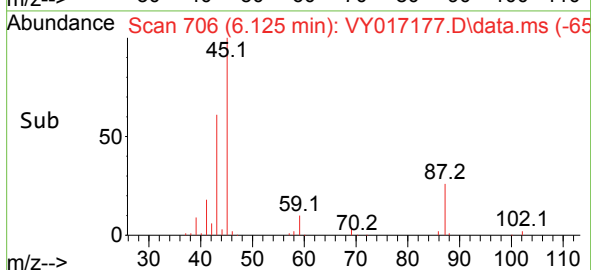
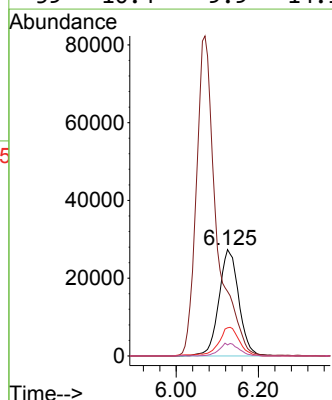
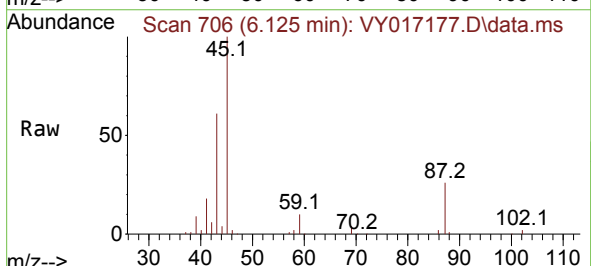
Ion Ratio Lower Upper

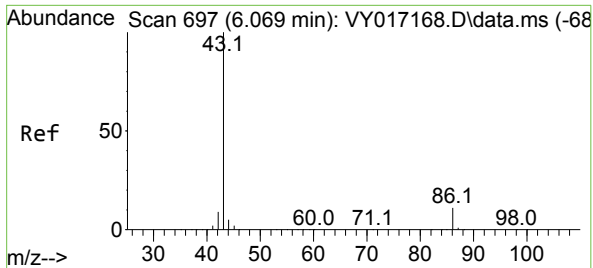
45 100

43 59.9 46.8 70.2

87 26.4 22.2 33.2

59 10.4 9.9 14.9

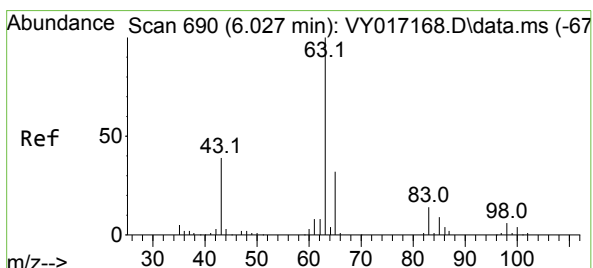
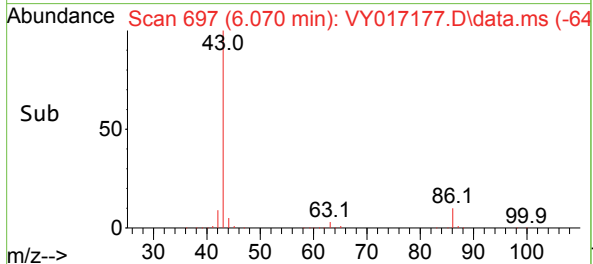
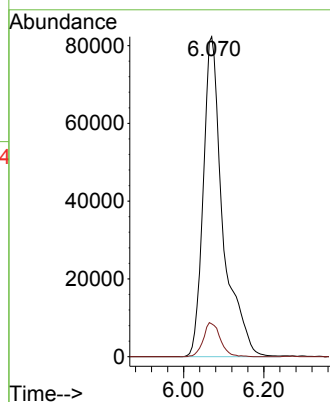
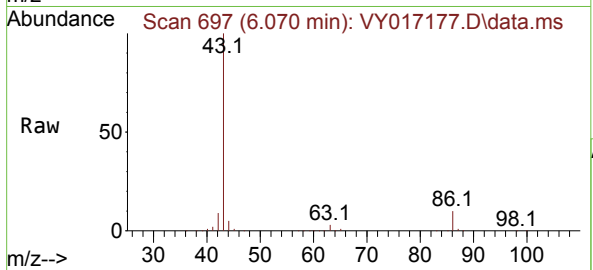




#23  
 Vinyl Acetate  
 Concen: 111.010 ug/l  
 RT: 6.070 min Scan# 697  
 Delta R.T. 0.000 min  
 Lab File: VY017177.D  
 Acq: 02 Feb 2024 11:14

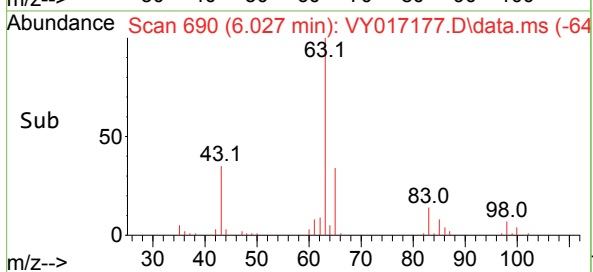
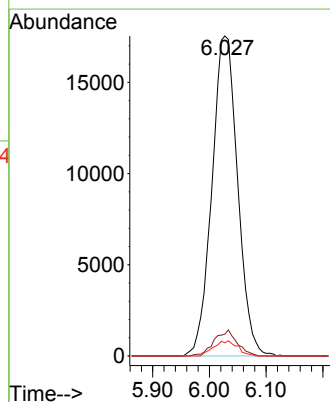
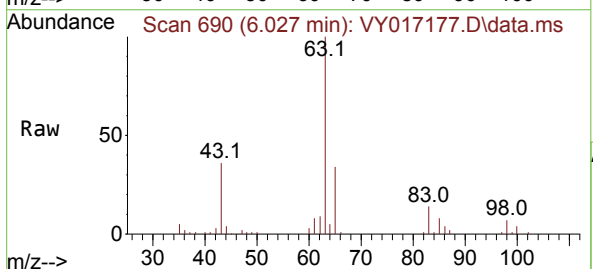
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0202SBS01

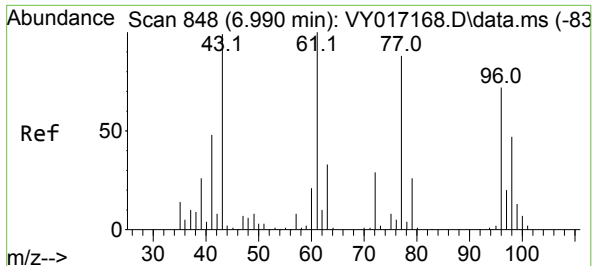
Tgt Ion: 43 Resp: 279597  
 Ion Ratio Lower Upper  
 43 100  
 86 10.3 8.6 13.0



#24  
 1,1-Dichloroethane  
 Concen: 21.705 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. 0.000 min  
 Lab File: VY017177.D  
 Acq: 02 Feb 2024 11:14

Tgt Ion: 63 Resp: 55269  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.8 11.4  
 100 4.1 2.1 6.2





#25

2-Butanone

Concen: 113.361 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA\_Y

ClientSampleId :

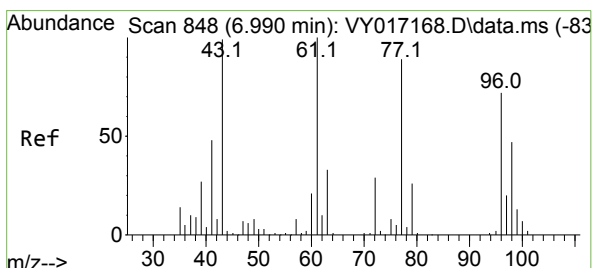
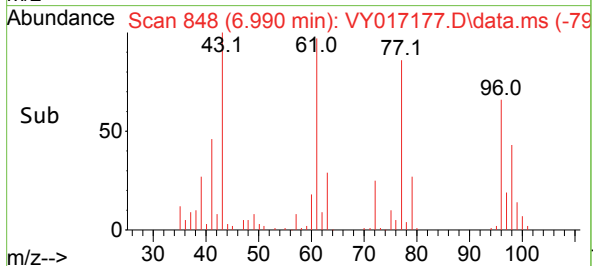
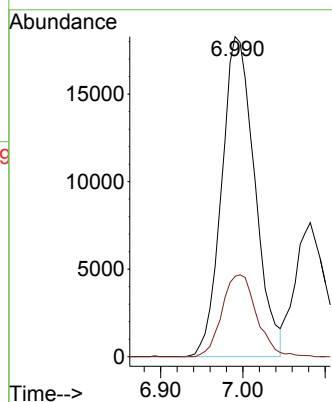
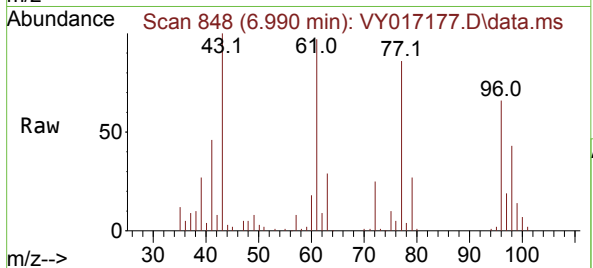
VY0202SBS01

Tgt Ion: 43 Resp: 51111

Ion Ratio Lower Upper

43 100

72 25.1 21.4 32.2



#26

2,2-Dichloropropane

Concen: 21.489 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017177.D

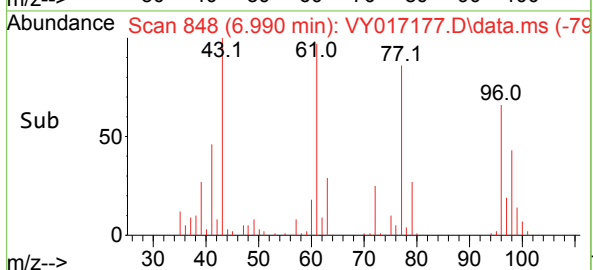
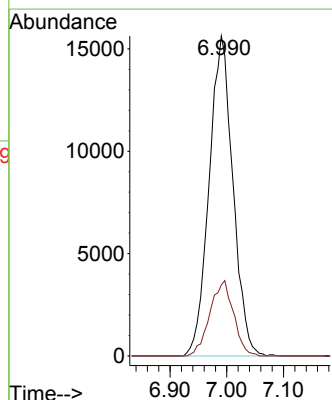
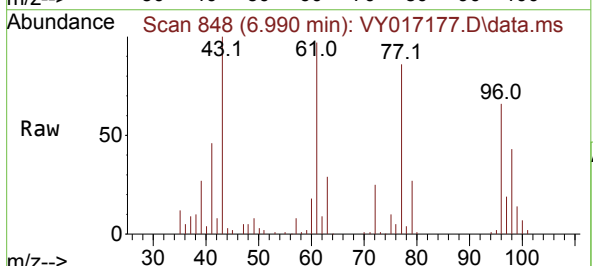
Acq: 02 Feb 2024 11:14

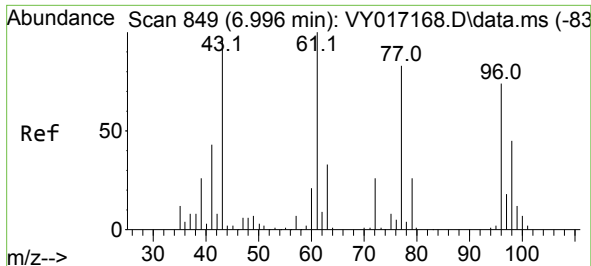
Tgt Ion: 77 Resp: 45515

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 21.571 ug/l

RT: 6.997 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0202SBS01

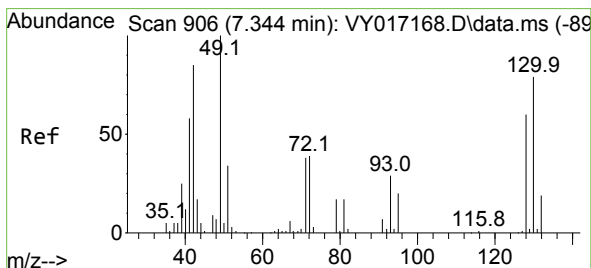
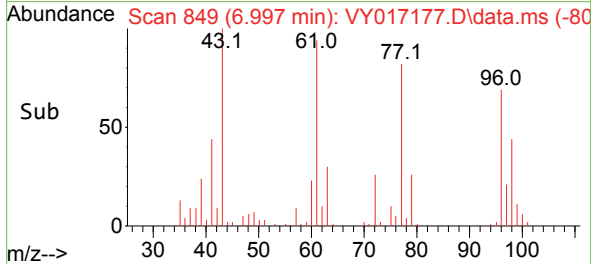
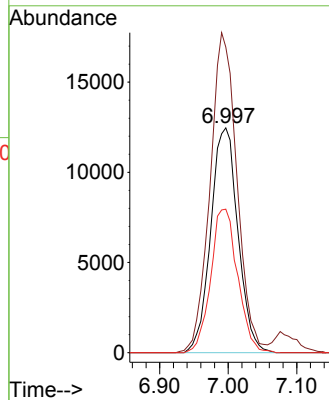
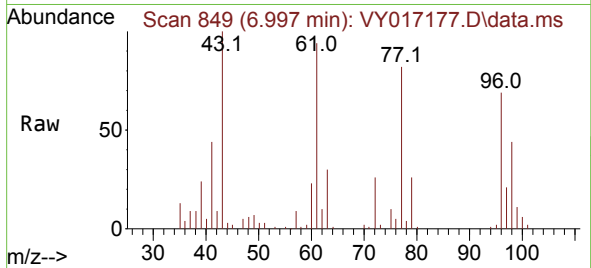
Tgt Ion: 96 Resp: 34365

Ion Ratio Lower Upper

96 100

61 141.0 0.0 278.8

98 63.2 0.0 127.0



#28

Bromochloromethane

Concen: 20.558 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

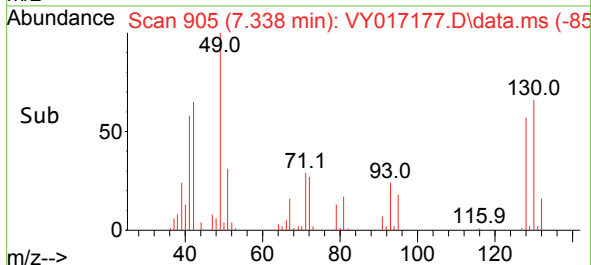
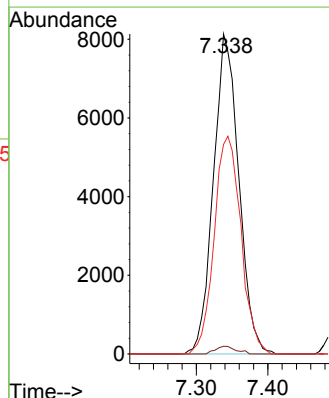
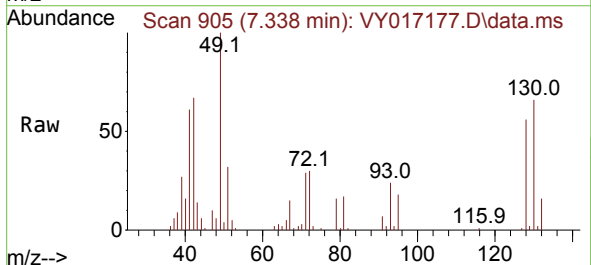
Tgt Ion: 49 Resp: 20044

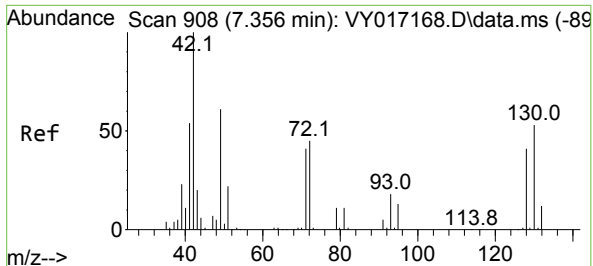
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 71.9 59.8 89.8





#29

Tetrahydrofuran

Concen: 107.777 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0202SBS01

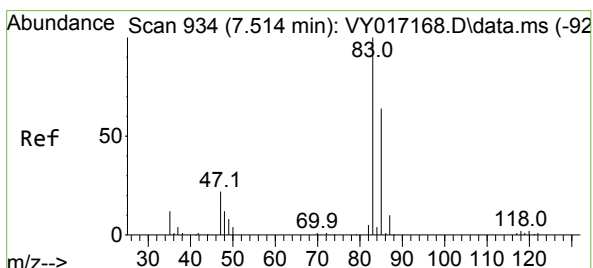
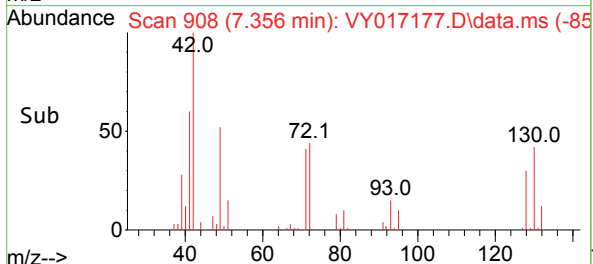
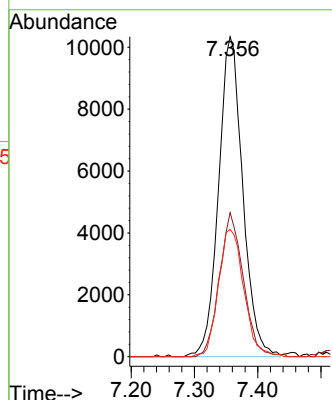
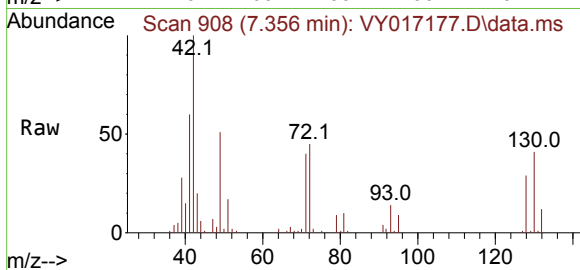
Tgt Ion: 42 Resp: 27450

Ion Ratio Lower Upper

42 100

72 44.6 36.6 54.8

71 41.7 33.8 50.6



#30

Chloroform

Concen: 21.774 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY017177.D

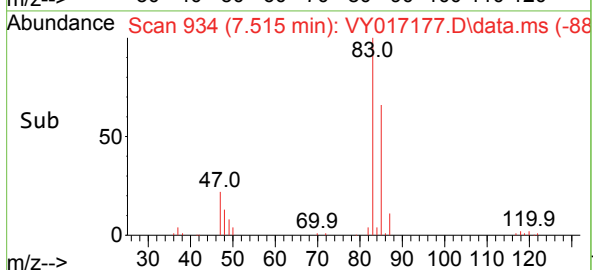
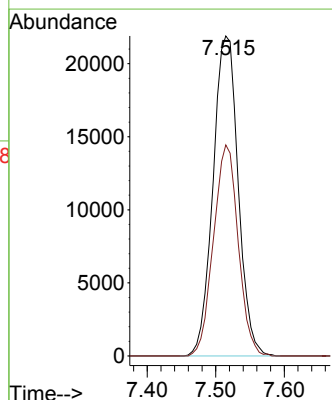
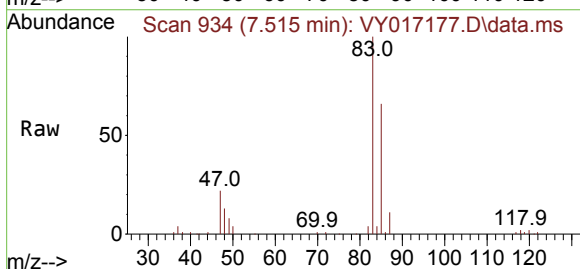
Acq: 02 Feb 2024 11:14

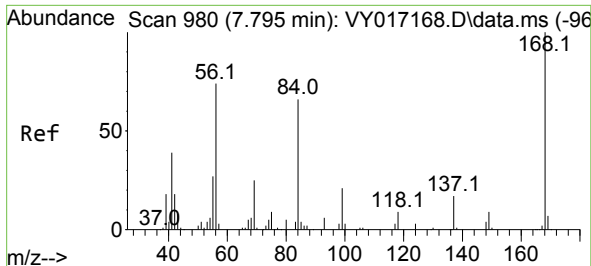
Tgt Ion: 83 Resp: 55777

Ion Ratio Lower Upper

83 100

85 66.0 51.2 76.8

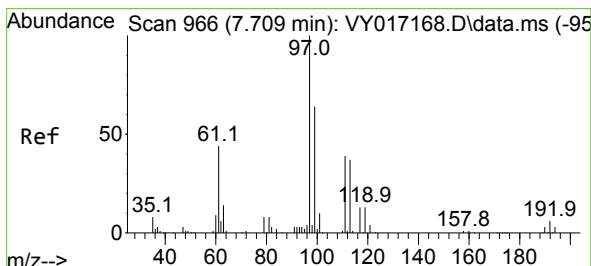
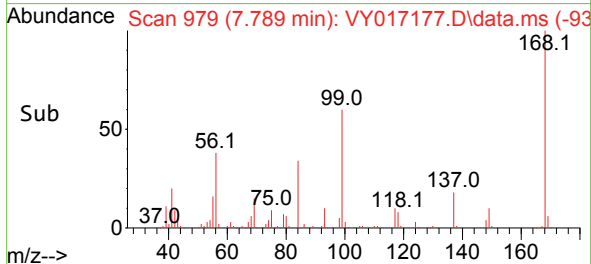
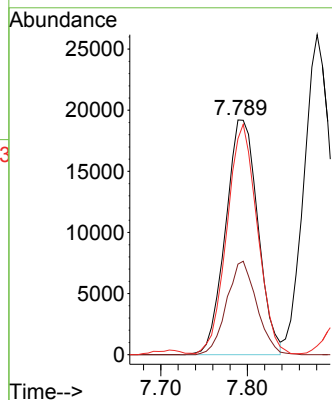
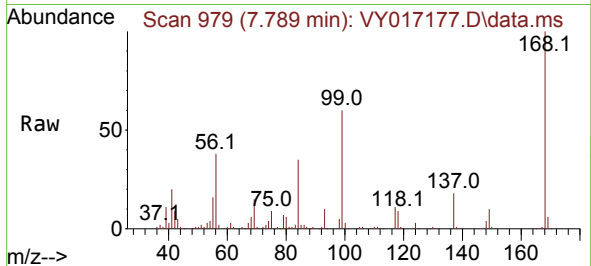




#31  
Cyclohexane  
Concen: 21.411 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

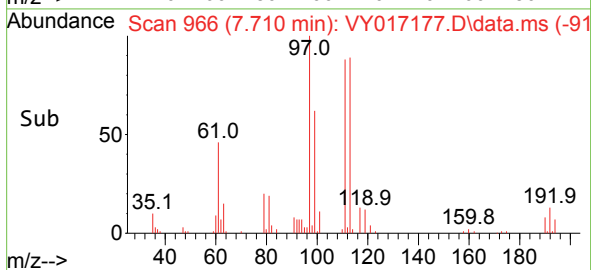
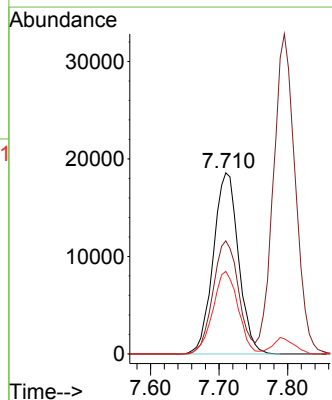
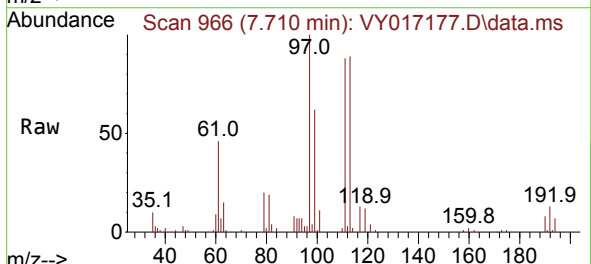
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

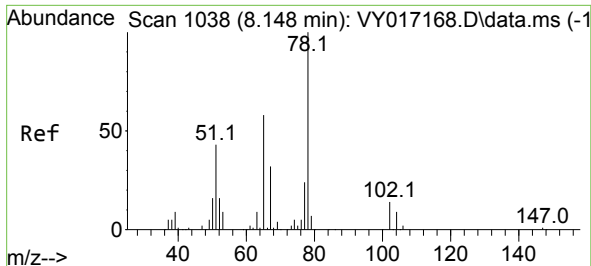
Tgt Ion: 56 Resp: 49800  
Ion Ratio Lower Upper  
56 100  
69 38.6 27.0 40.6  
84 90.8 71.8 107.6



#32  
1,1,1-Trichloroethane  
Concen: 21.535 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

Tgt Ion: 97 Resp: 47449  
Ion Ratio Lower Upper  
97 100  
99 63.8 51.2 76.8  
61 45.6 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 52.280 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA\_Y

ClientSampleId :

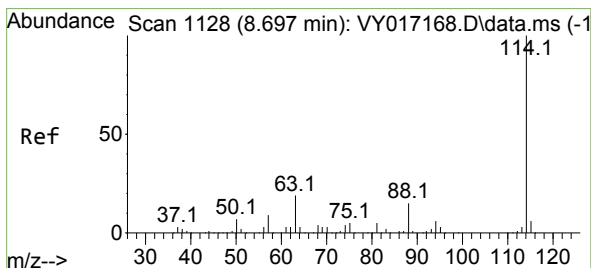
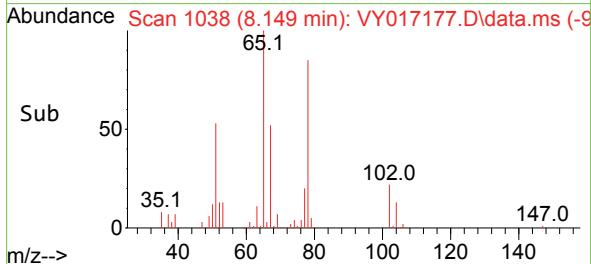
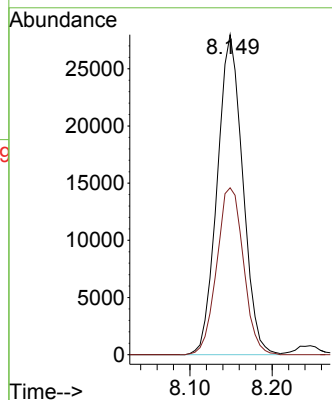
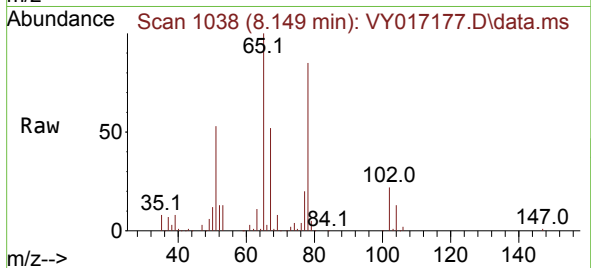
VY0202SBS01

Tgt Ion: 65 Resp: 60328

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

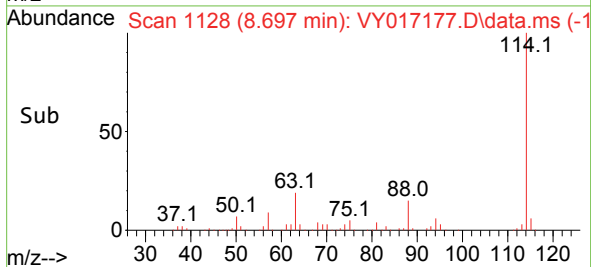
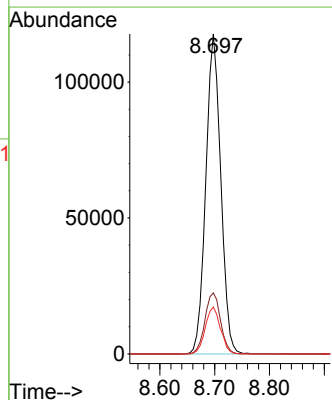
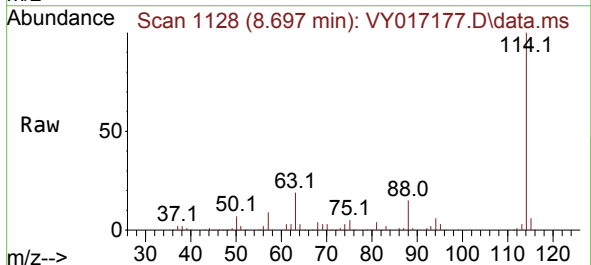
Tgt Ion:114 Resp: 222258

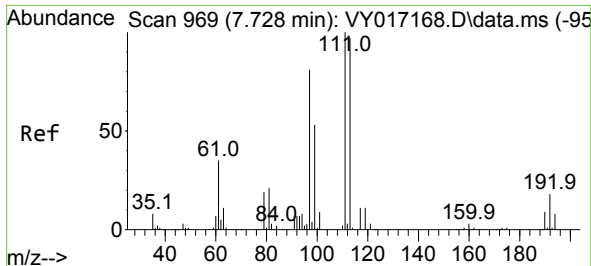
Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.4

88 14.7 0.0 29.0

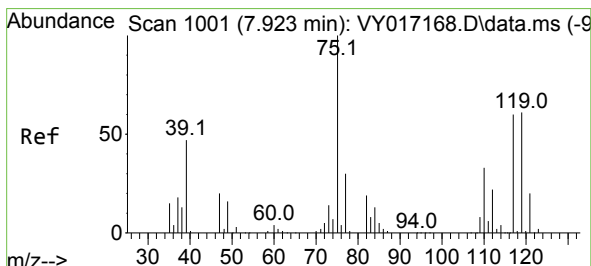
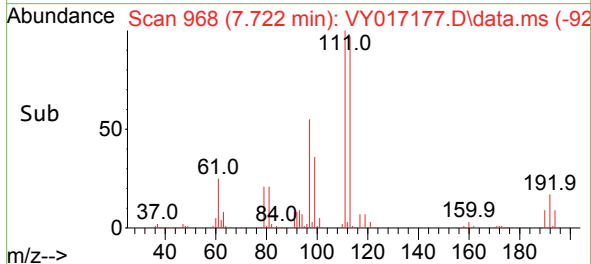
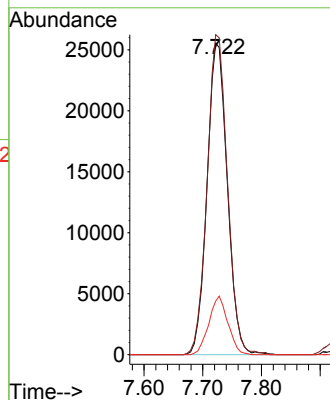
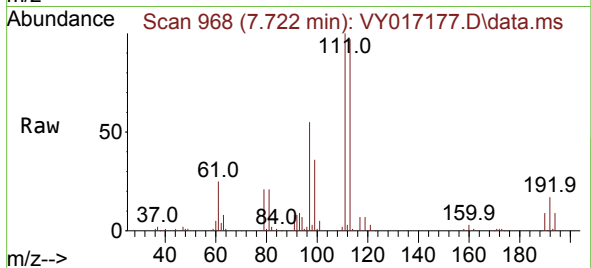




#35  
Dibromofluoromethane  
Concen: 51.076 ug/l  
RT: 7.722 min Scan# 969  
Delta R.T. -0.006 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

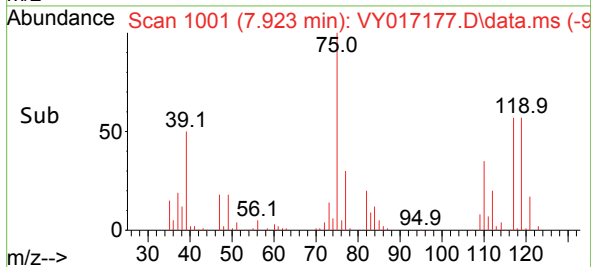
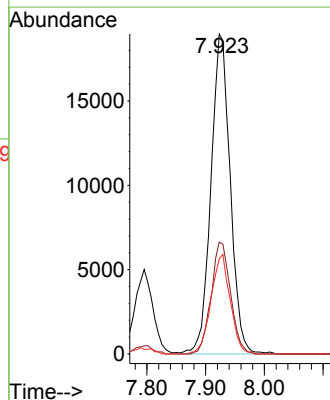
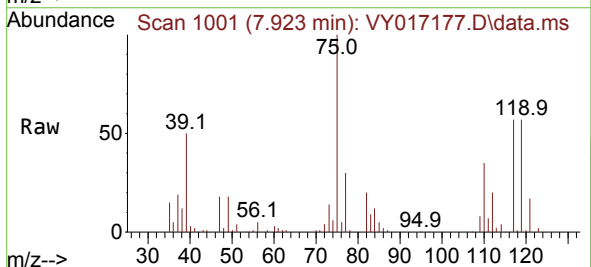
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

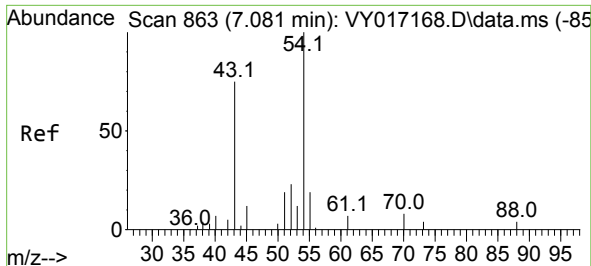
Tgt Ion:113 Resp: 61294  
Ion Ratio Lower Upper  
113 100  
111 102.9 83.8 125.6  
192 17.6 14.5 21.7



#36  
1,1-Dichloropropene  
Concen: 20.923 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

Tgt Ion: 75 Resp: 43312  
Ion Ratio Lower Upper  
75 100  
110 35.0 17.4 52.3  
77 30.9 24.7 37.1





#37

Ethyl Acetate

Concen: 21.980 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0202SBS01

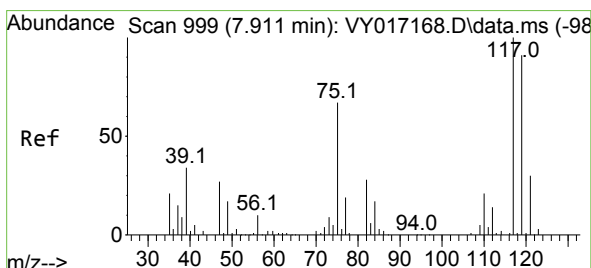
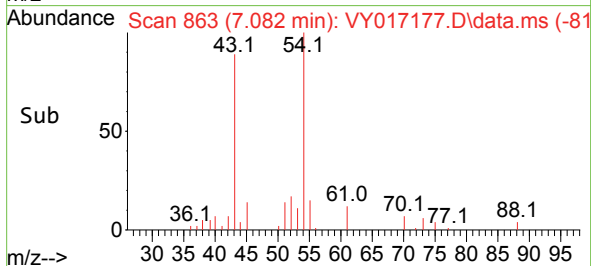
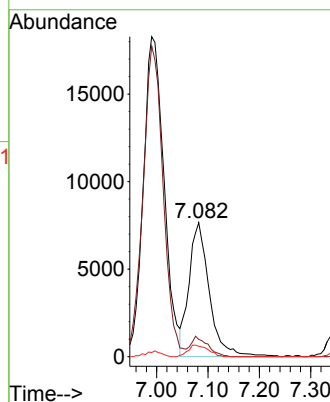
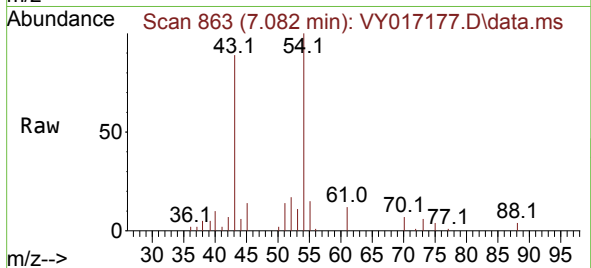
Tgt Ion: 43 Resp: 21103

Ion Ratio Lower Upper

43 100

61 12.4 11.0 16.6

70 8.5 8.1 12.1



#38

Carbon Tetrachloride

Concen: 20.893 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.006 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

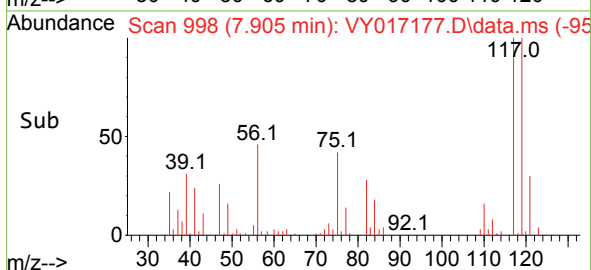
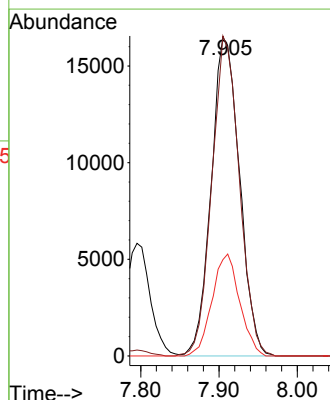
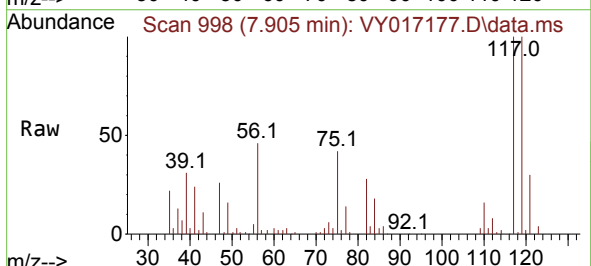
Tgt Ion: 117 Resp: 41409

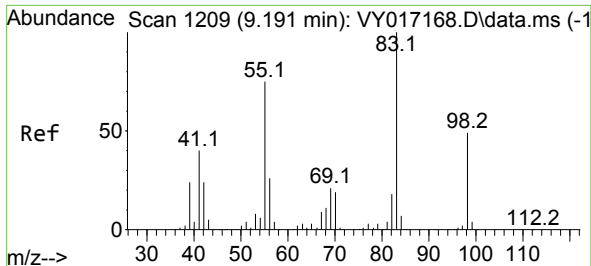
Ion Ratio Lower Upper

117 100

119 100.4 76.0 114.0

121 30.2 24.2 36.2

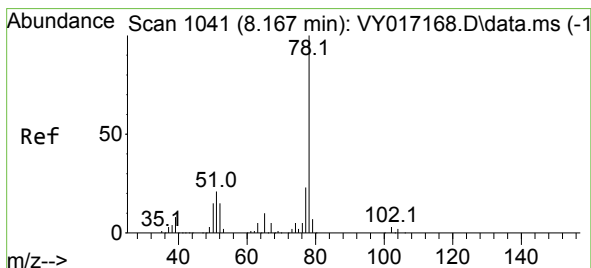
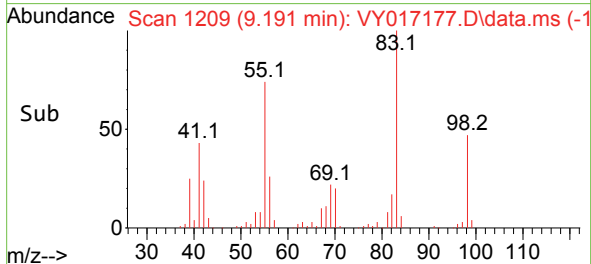
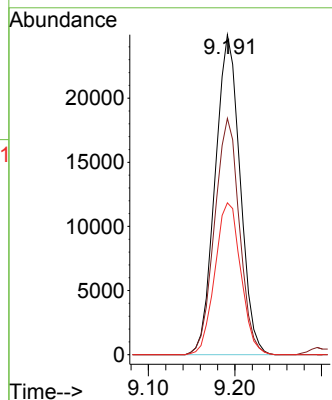
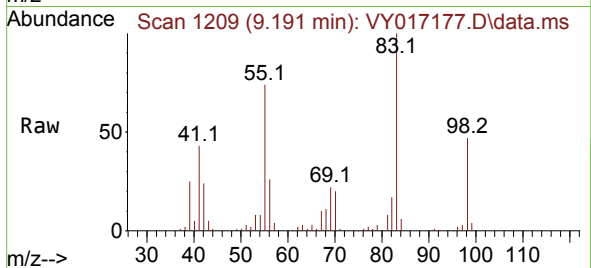




#39  
Methylcyclohexane  
Concen: 20.609 ug/l  
RT: 9.191 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

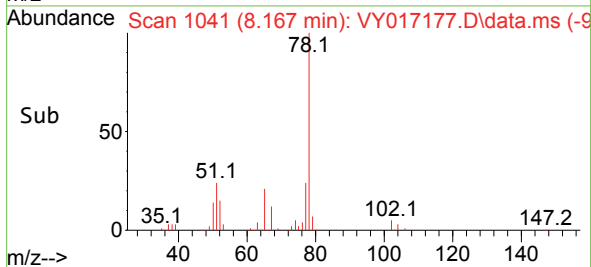
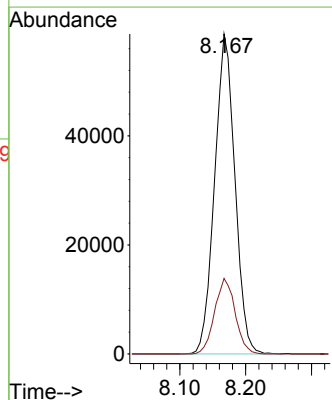
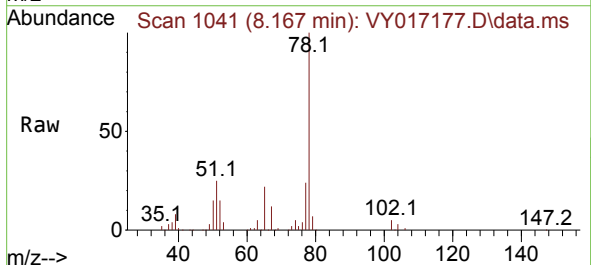
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

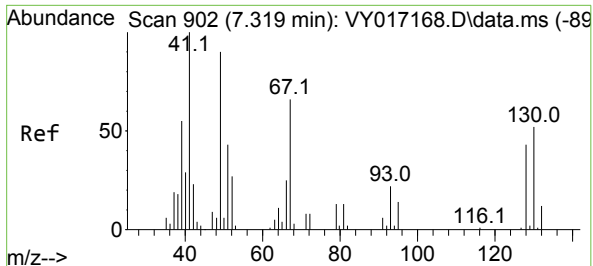
Tgt Ion: 83 Resp: 49838  
Ion Ratio Lower Upper  
83 100  
55 73.8 59.7 89.5  
98 47.5 38.0 57.0



#40  
Benzene  
Concen: 21.328 ug/l  
RT: 8.167 min Scan# 1041  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

Tgt Ion: 78 Resp: 126076  
Ion Ratio Lower Upper  
78 100  
77 23.6 18.8 28.2

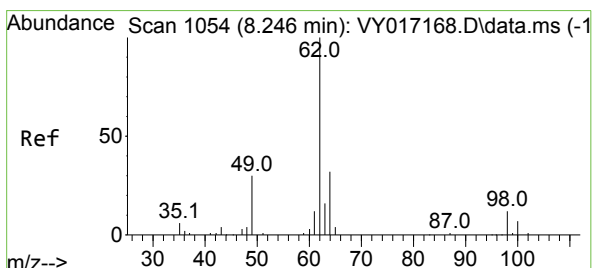
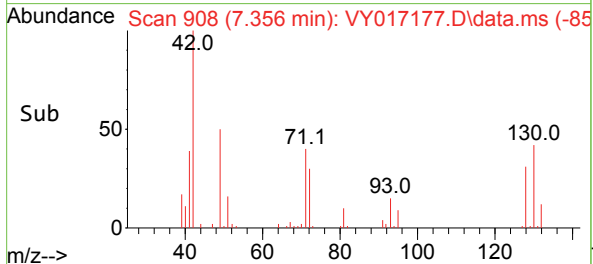
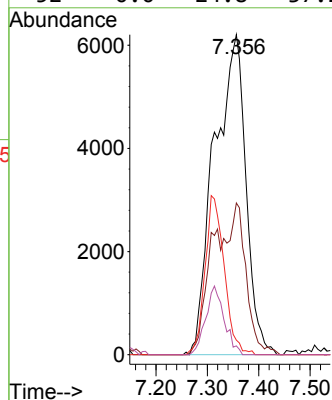
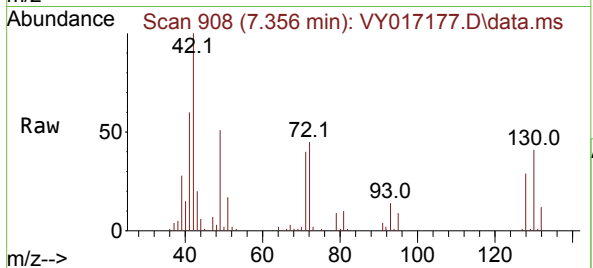




#41  
Methacrylonitrile  
Concen: 58.034 ug/l  
RT: 7.356 min Scan# 902  
Delta R.T. 0.037 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

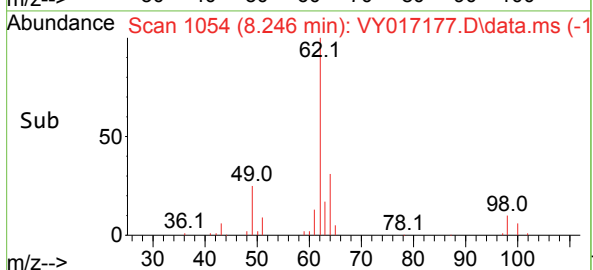
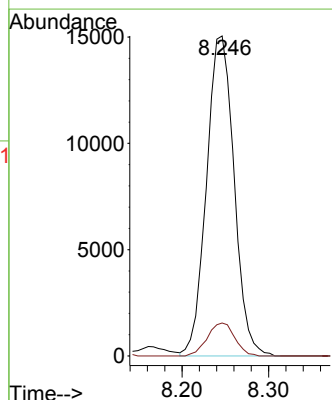
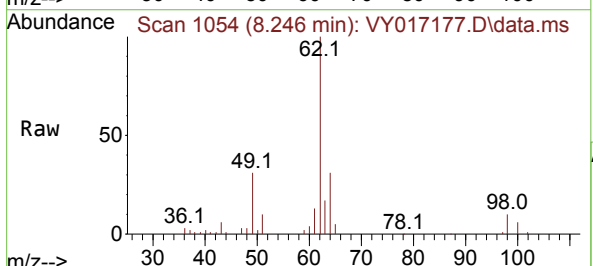
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

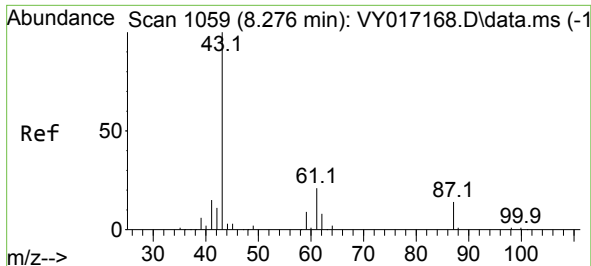
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 26399 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 21.1  | 41.9  | 62.9# |
| 67       | 0.0   | 59.8  | 89.6# |
| 52       | 0.0   | 24.8  | 37.2# |



#42  
1,2-Dichloroethane  
Concen: 21.286 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 33316 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.3  | 0.0   | 20.2  |

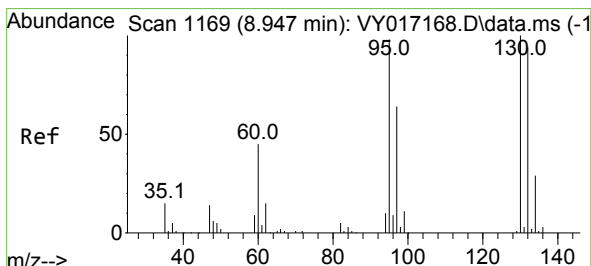
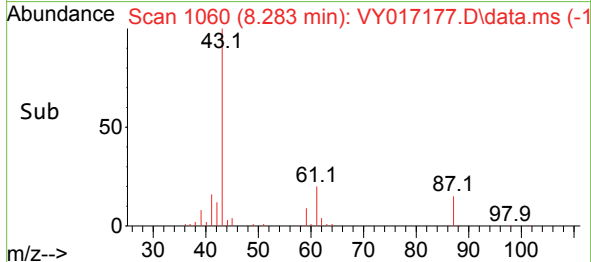
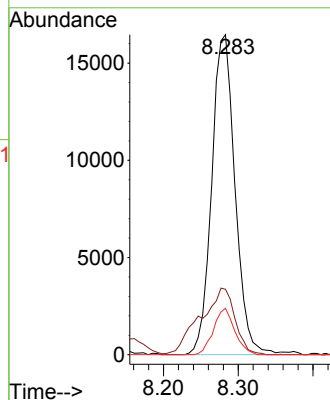
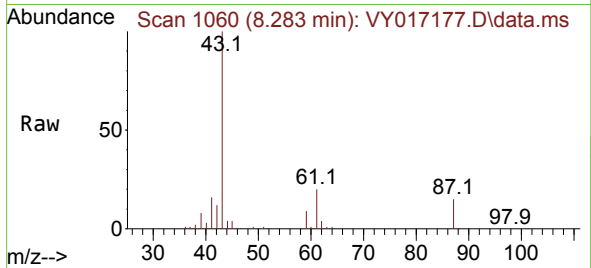




#43  
Isopropyl Acetate  
Concen: 21.010 ug/l  
RT: 8.283 min Scan# 1060  
Delta R.T. 0.007 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

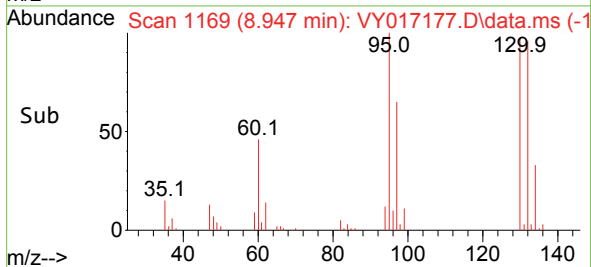
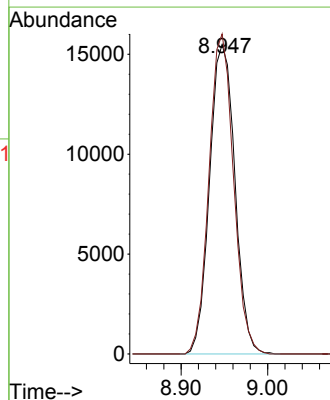
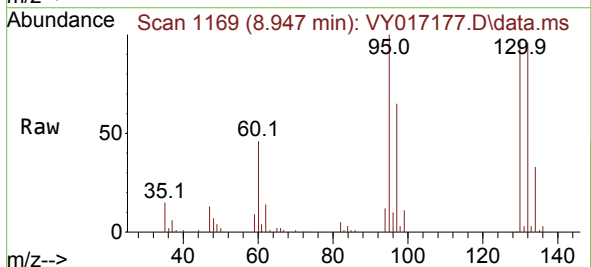
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

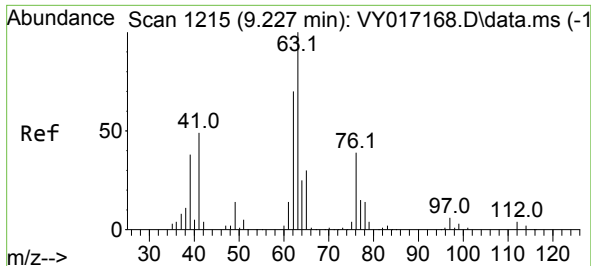
Tgt Ion: 43 Resp: 35708  
Ion Ratio Lower Upper  
43 100  
61 30.8 24.8 37.2  
87 13.2 10.7 16.1



#44  
Trichloroethene  
Concen: 20.952 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

Tgt Ion: 130 Resp: 31439  
Ion Ratio Lower Upper  
130 100  
95 103.4 0.0 203.8





#45

1,2-Dichloropropane

Concen: 20.915 ug/l

RT: 9.222 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA\_Y

ClientSampleId :

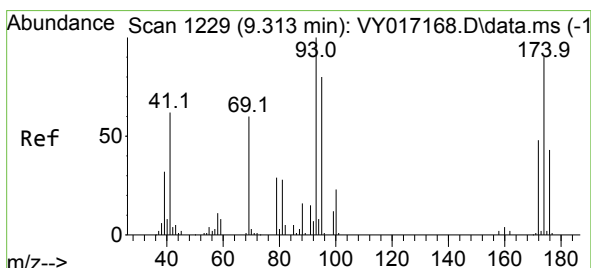
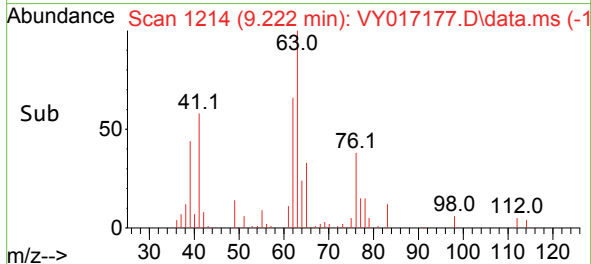
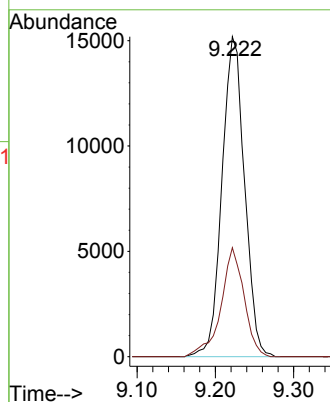
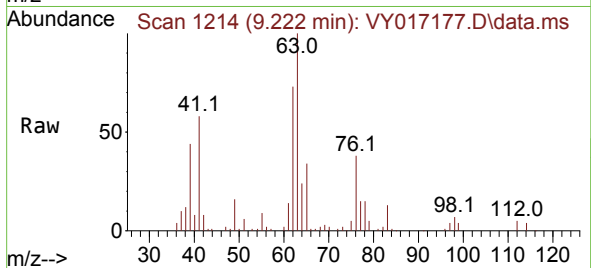
VY0202SBS01

Tgt Ion: 63 Resp: 30368

Ion Ratio Lower Upper

63 100

65 34.1 24.6 36.8



#46

Dibromomethane

Concen: 21.367 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

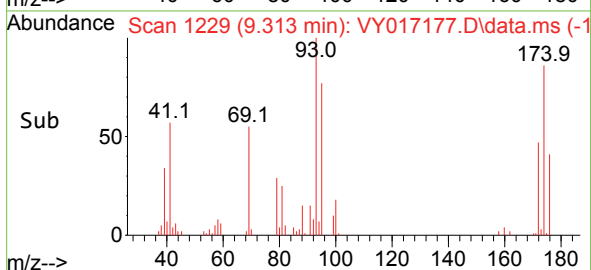
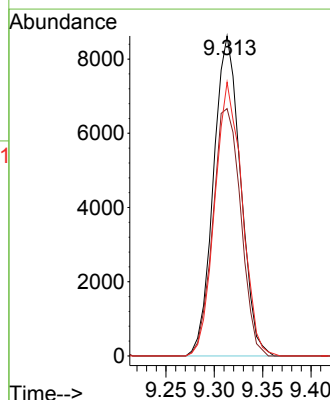
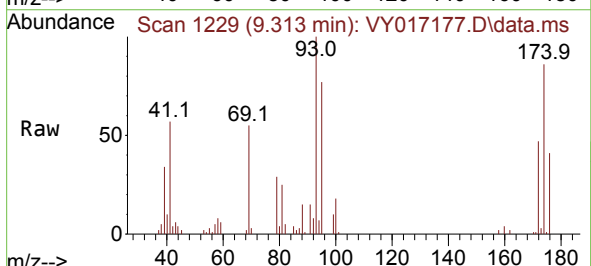
Tgt Ion: 93 Resp: 16759

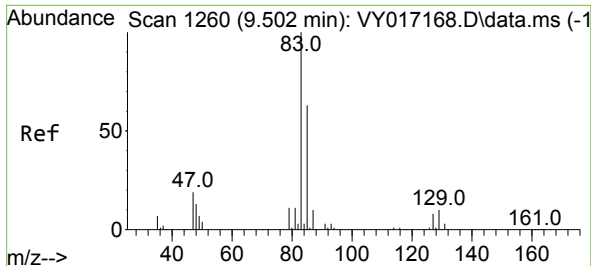
Ion Ratio Lower Upper

93 100

95 79.9 66.6 99.8

174 86.2 73.8 110.6





#47

Bromodichloromethane

Concen: 21.155 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0202SBS01

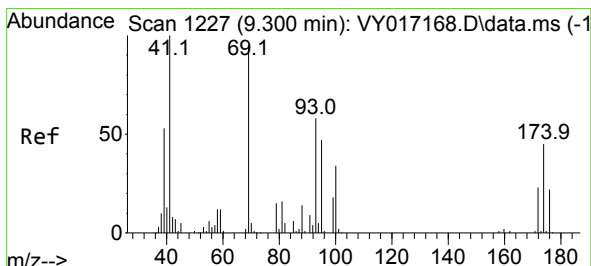
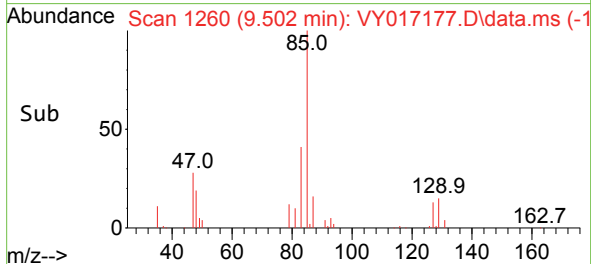
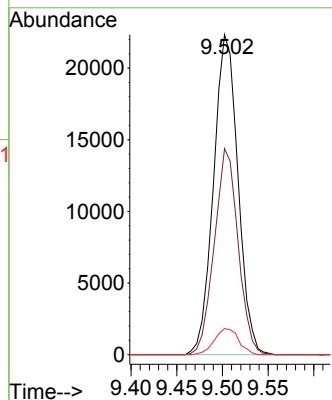
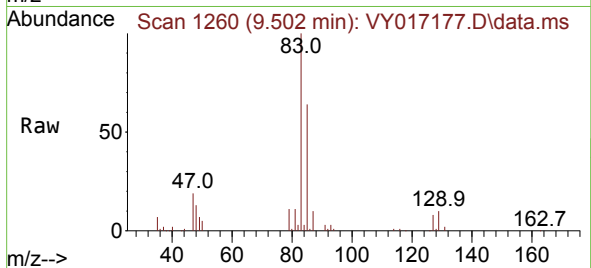
Tgt Ion: 83 Resp: 41524

Ion Ratio Lower Upper

83 100

85 64.4 53.2 79.8

127 8.1 6.4 9.6



#48

Methyl methacrylate

Concen: 20.641 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

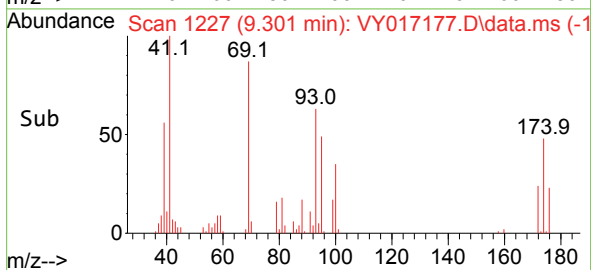
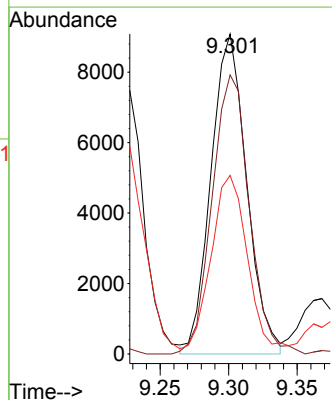
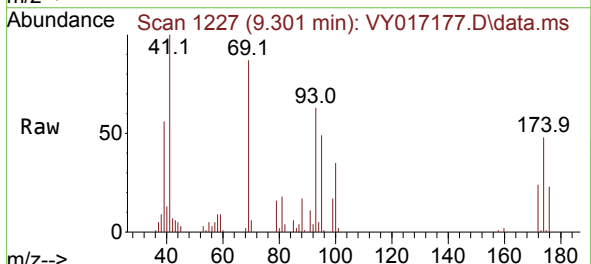
Tgt Ion: 41 Resp: 16455

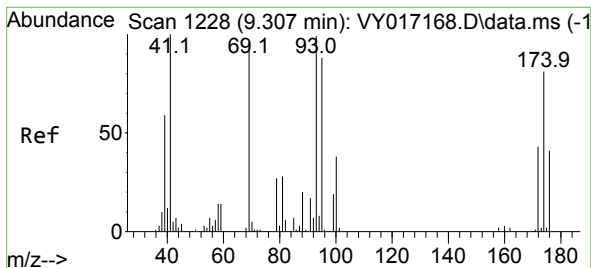
Ion Ratio Lower Upper

41 100

69 90.5 72.1 108.1

39 54.6 42.8 64.2





#49

1,4-Dioxane

Concen: 428.838 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0202SBS01

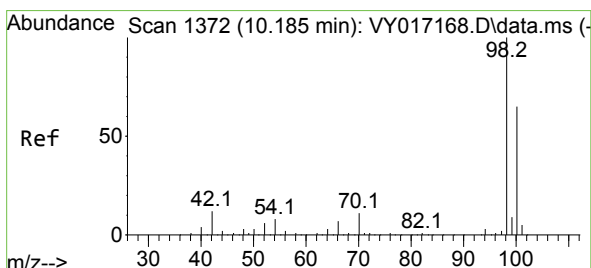
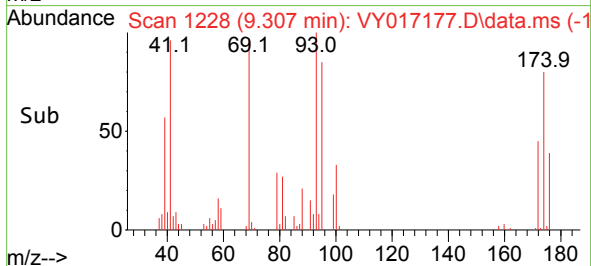
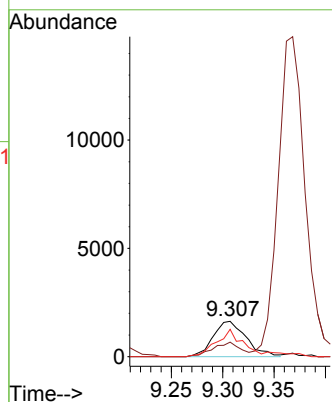
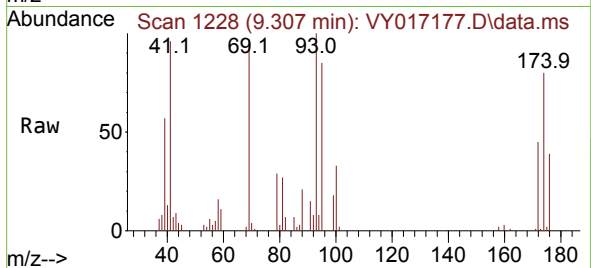
Tgt Ion: 88 Resp: 3661

Ion Ratio Lower Upper

88 100

43 33.8 28.2 42.4

58 60.8 52.2 78.2



#50

Toluene-d8

Concen: 52.434 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017177.D

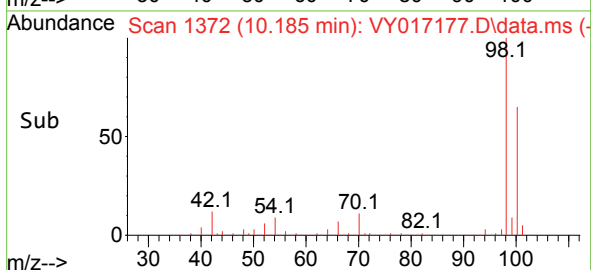
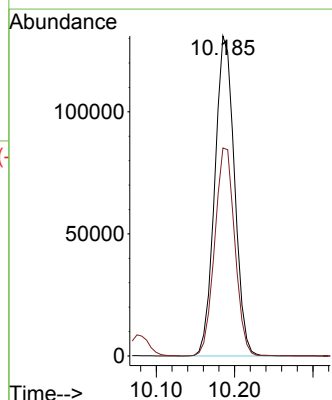
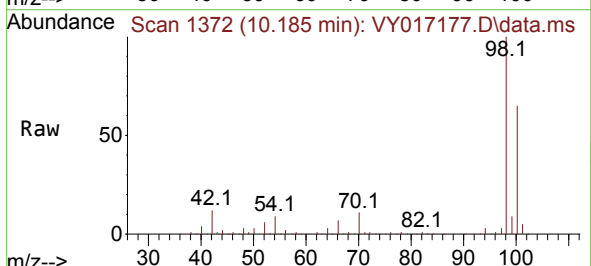
Acq: 02 Feb 2024 11:14

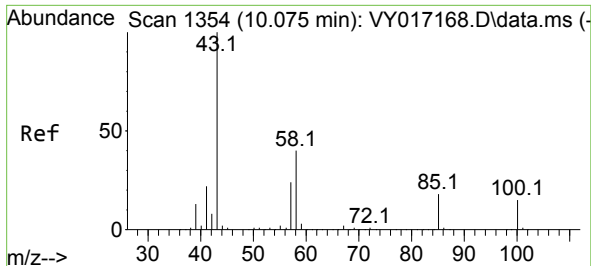
Tgt Ion: 98 Resp: 229099

Ion Ratio Lower Upper

98 100

100 66.4 52.3 78.5

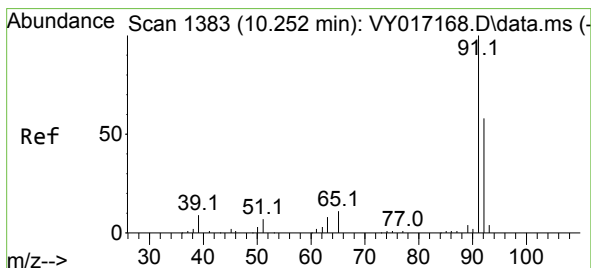
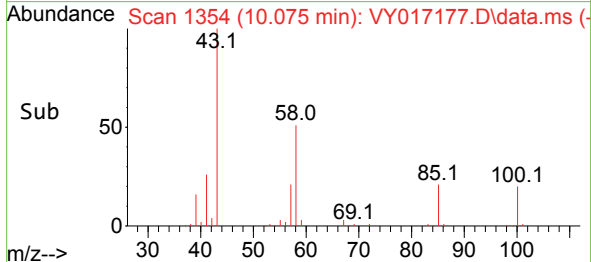
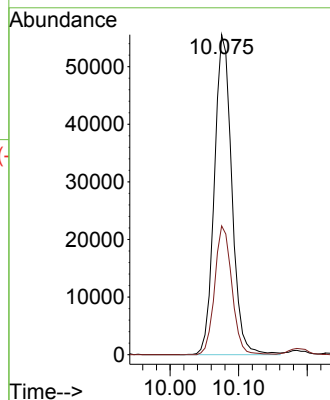
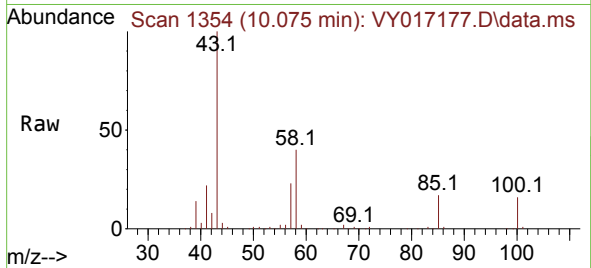




#51  
4-Methyl-2-Pentanone  
Concen: 107.460 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

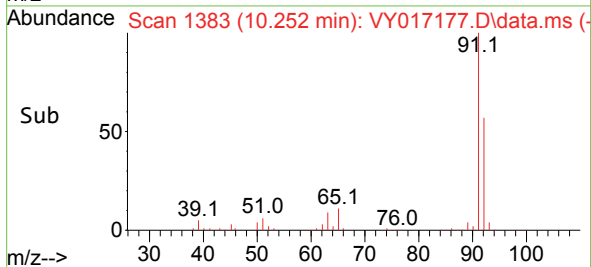
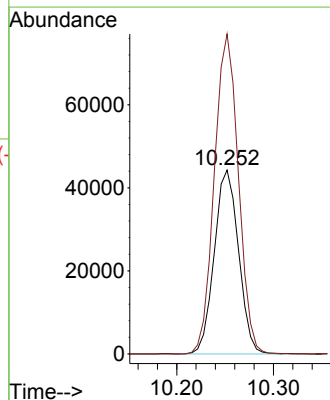
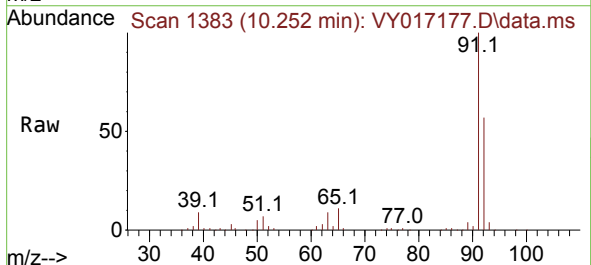
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

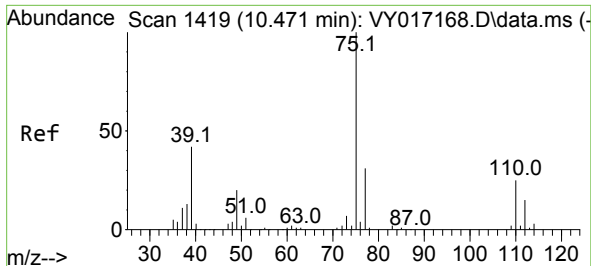
Tgt Ion: 43 Resp: 97901  
Ion Ratio Lower Upper  
43 100  
58 39.7 32.2 48.2



#52  
Toluene  
Concen: 21.580 ug/l  
RT: 10.252 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

Tgt Ion: 92 Resp: 77001  
Ion Ratio Lower Upper  
92 100  
91 172.5 137.6 206.4

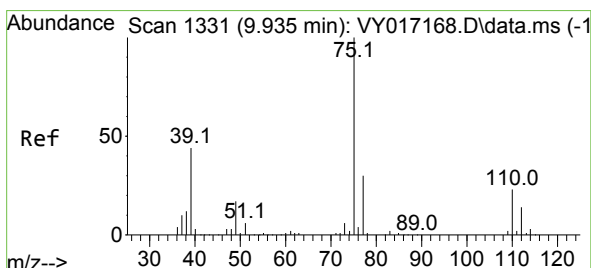
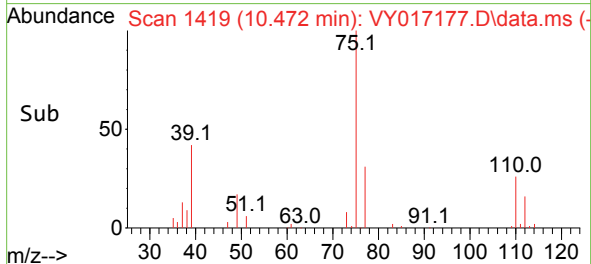
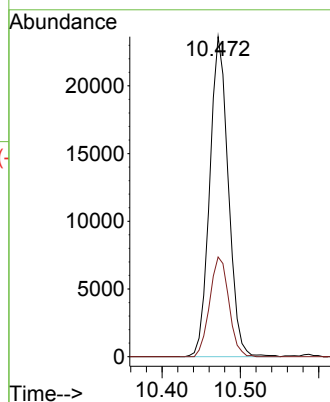
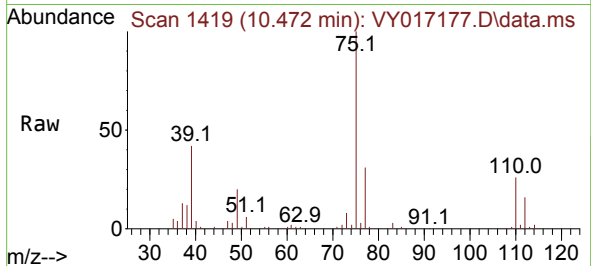




#53  
 t-1,3-Dichloropropene  
 Concen: 21.111 ug/l  
 RT: 10.472 min Scan# 1419  
 Delta R.T. 0.000 min  
 Lab File: VY017177.D  
 Acq: 02 Feb 2024 11:14

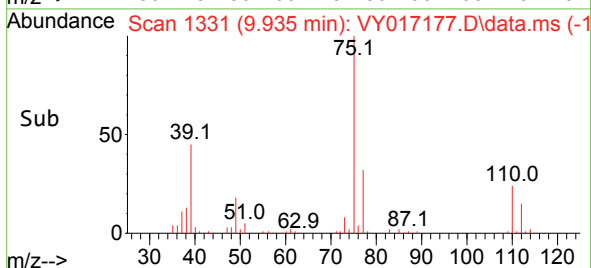
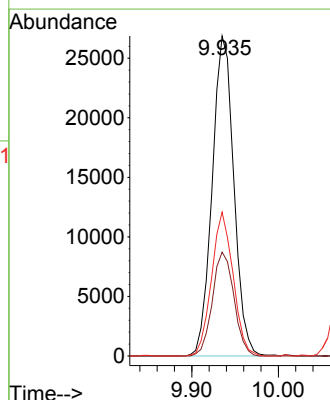
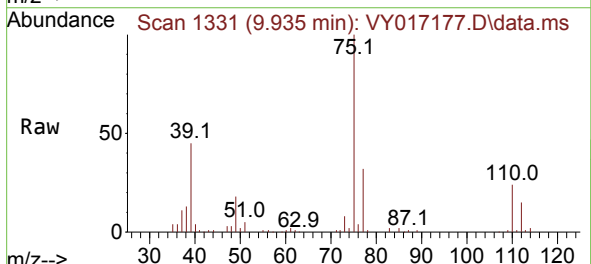
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0202SBS01

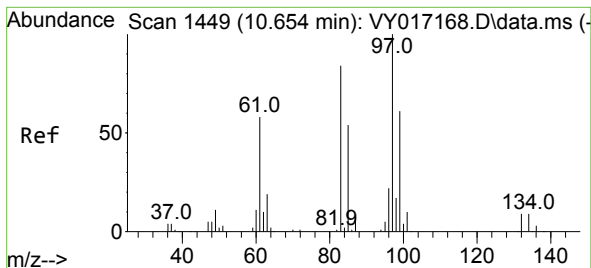
Tgt Ion: 75 Resp: 38923  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 24.6 36.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.115 ug/l  
 RT: 9.935 min Scan# 1331  
 Delta R.T. 0.000 min  
 Lab File: VY017177.D  
 Acq: 02 Feb 2024 11:14

Tgt Ion: 75 Resp: 46630  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 24.6 36.8  
 39 44.9 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 21.418 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0202SBS01

Tgt Ion: 97 Resp: 22856

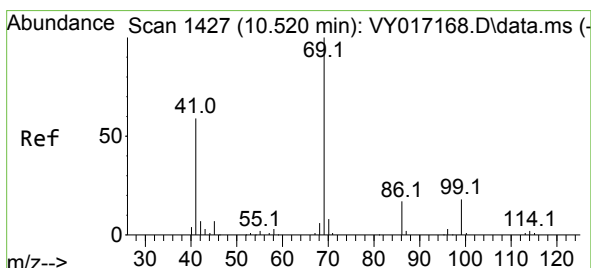
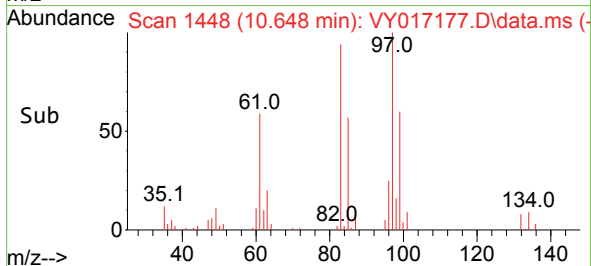
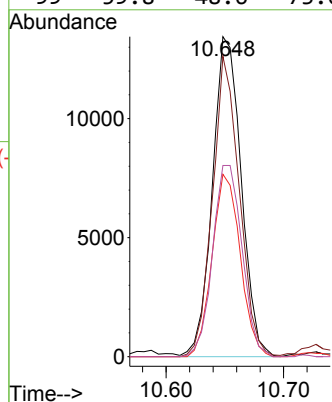
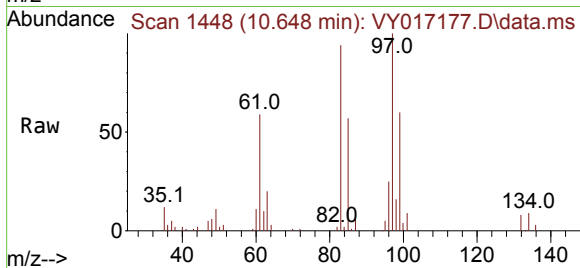
Ion Ratio Lower Upper

97 100

83 93.8 69.4 104.2

85 57.0 43.9 65.9

99 59.8 48.6 73.0



#56

Ethyl methacrylate

Concen: 20.440 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

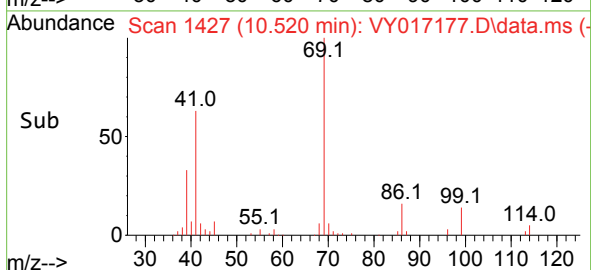
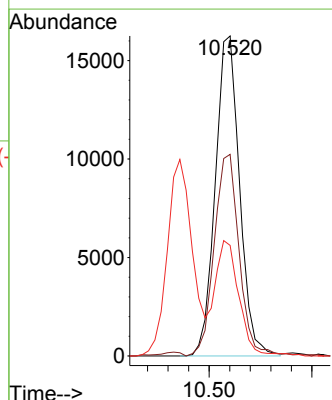
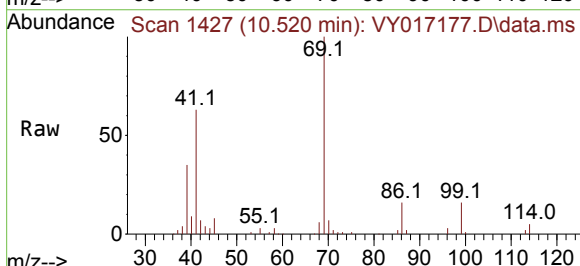
Tgt Ion: 69 Resp: 26634

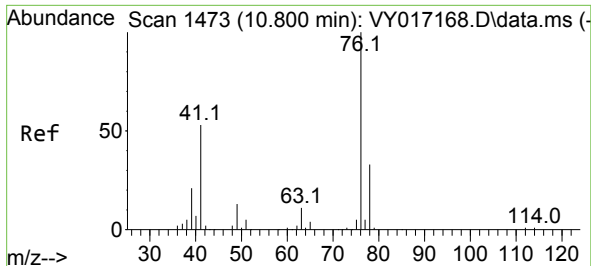
Ion Ratio Lower Upper

69 100

41 64.9 49.2 73.8

39 35.9 26.8 40.2

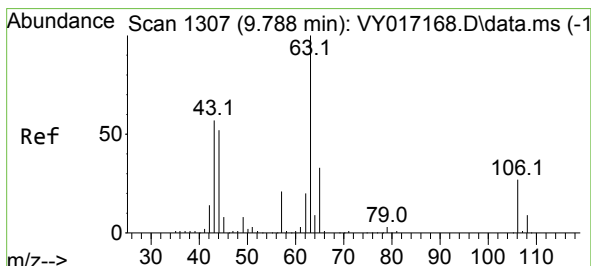
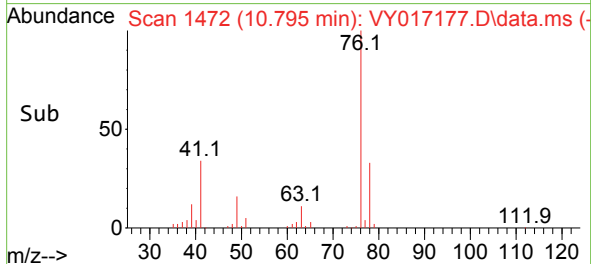
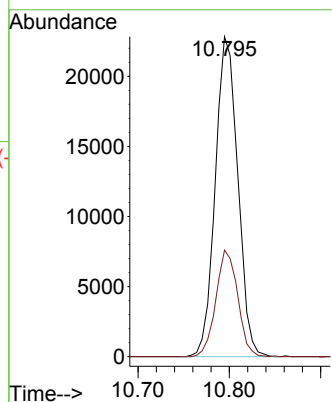
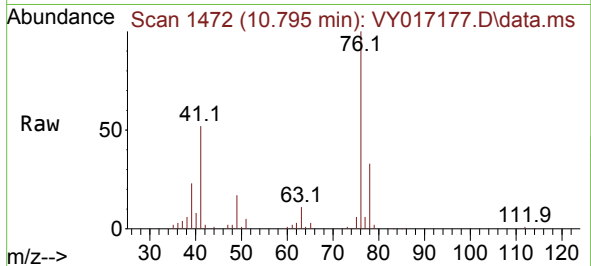




#57  
1,3-Dichloropropane  
Concen: 21.306 ug/l  
RT: 10.795 min Scan# 1473  
Delta R.T. -0.006 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

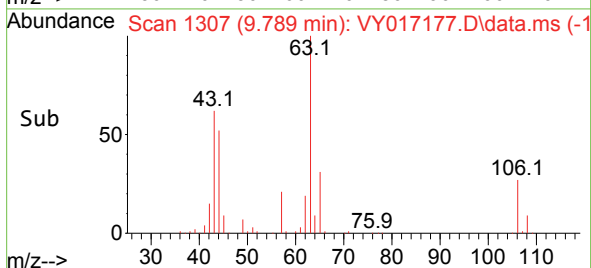
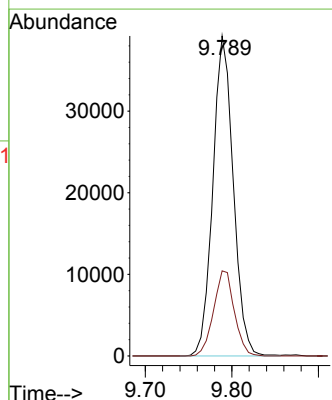
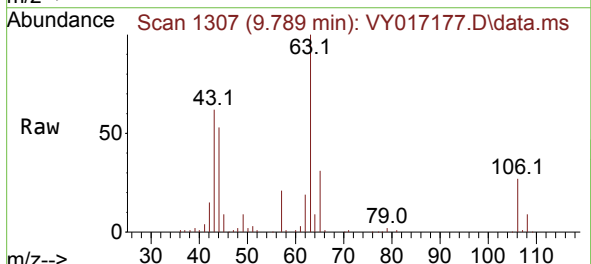
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

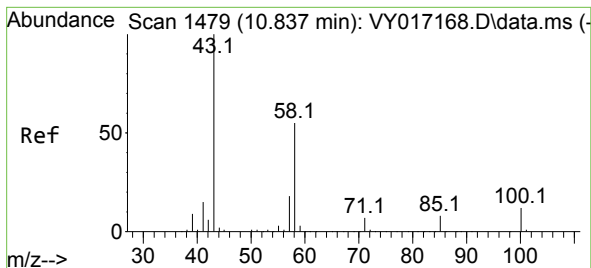
Tgt Ion: 76 Resp: 39105  
Ion Ratio Lower Upper  
76 100  
78 32.2 26.1 39.1



#58  
2-Chloroethyl Vinyl ether  
Concen: 96.741 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

Tgt Ion: 63 Resp: 64314  
Ion Ratio Lower Upper  
63 100  
106 26.9 22.4 33.6

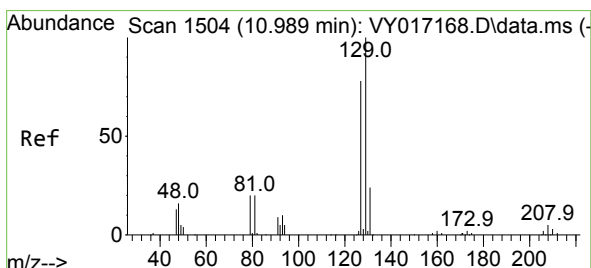
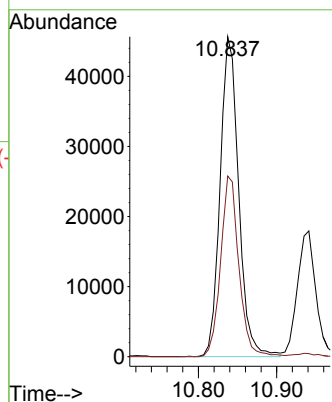
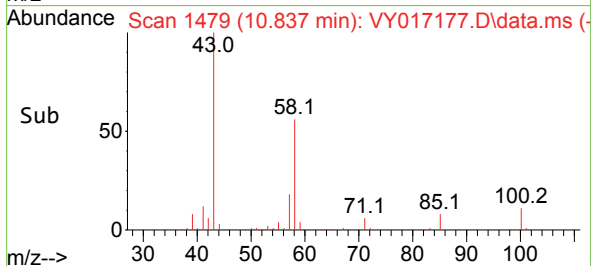
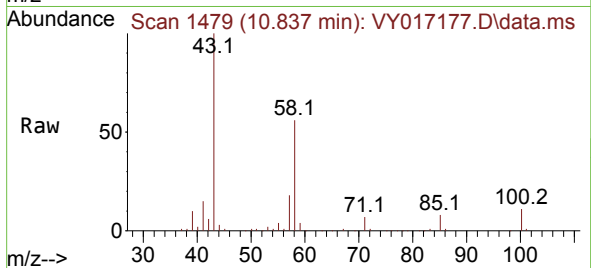




#59  
2-Hexanone  
Concen: 114.168 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

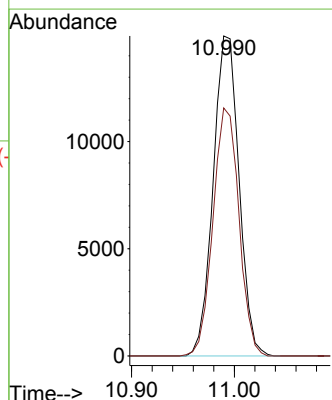
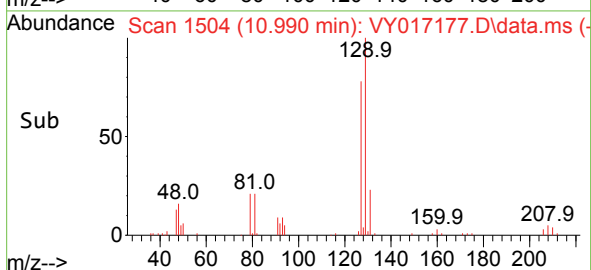
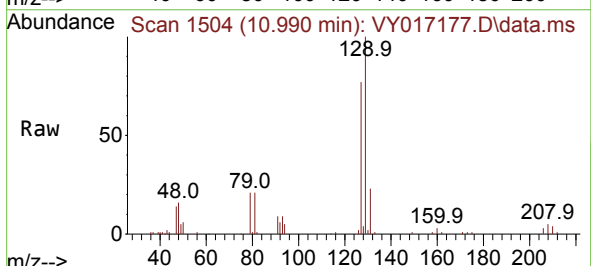
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

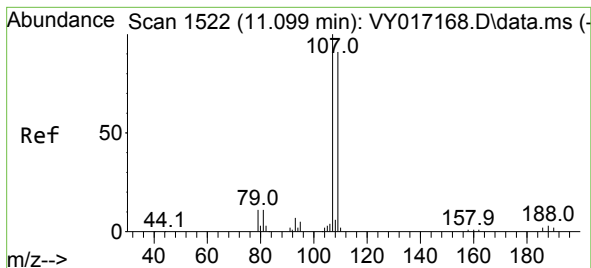
Tgt Ion: 43 Resp: 75212  
Ion Ratio Lower Upper  
43 100  
58 55.7 28.1 84.3



#60  
Dibromochloromethane  
Concen: 20.805 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

Tgt Ion:129 Resp: 26046  
Ion Ratio Lower Upper  
129 100  
127 77.8 39.2 117.6

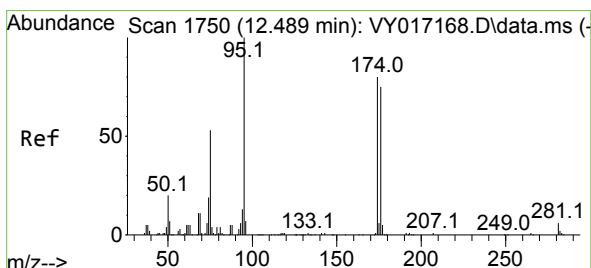
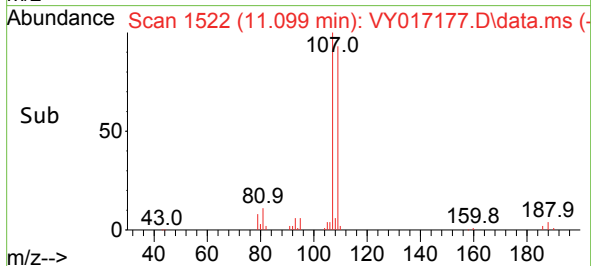
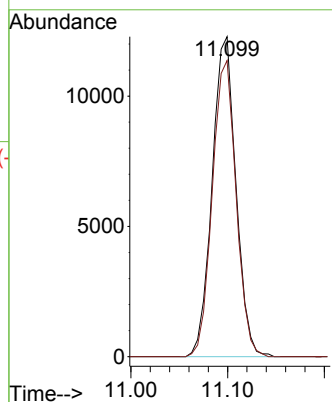
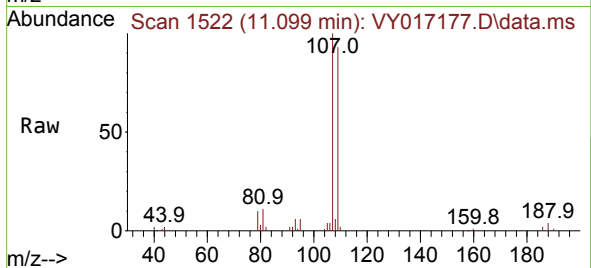




#61  
1,2-Dibromoethane  
Concen: 21.141 ug/l  
RT: 11.099 min Scan# 1522  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

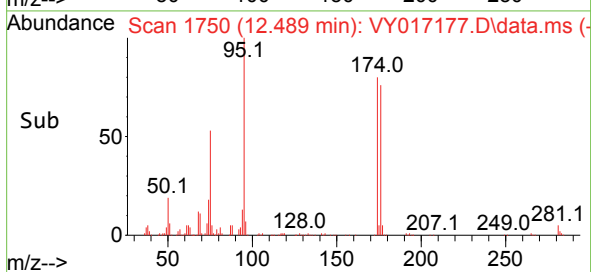
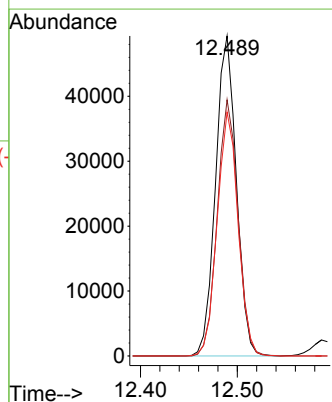
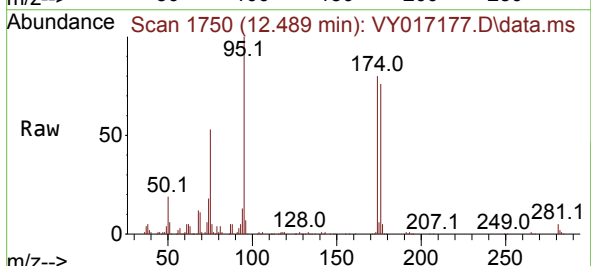
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

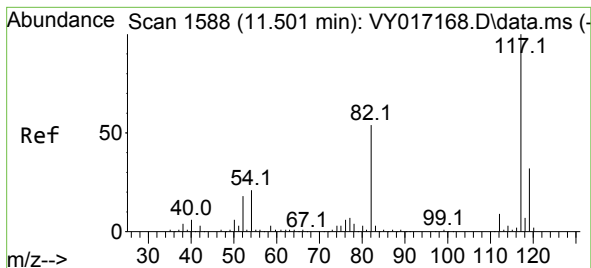
Tgt Ion:107 Resp: 20982  
Ion Ratio Lower Upper  
107 100  
109 92.5 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 51.313 ug/l  
RT: 12.489 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

Tgt Ion: 95 Resp: 73445  
Ion Ratio Lower Upper  
95 100  
174 80.1 0.0 160.0  
176 76.6 0.0 151.8

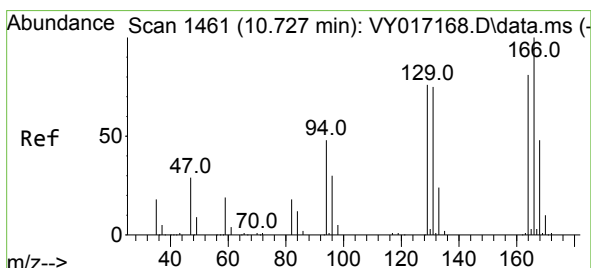
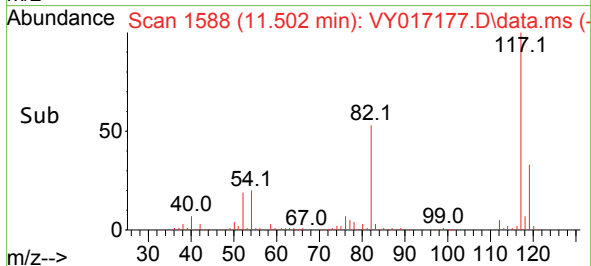
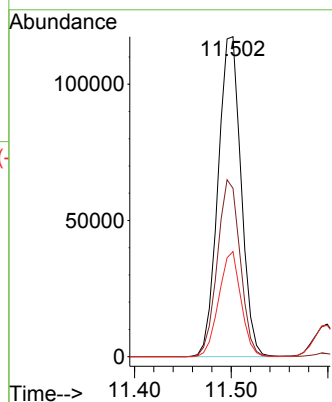
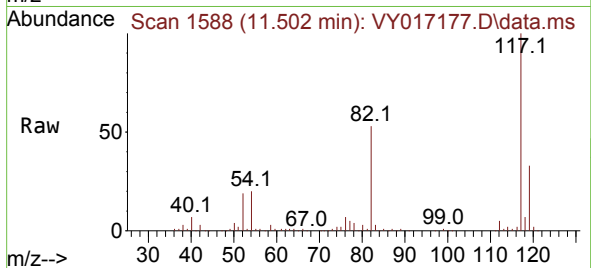




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.502 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

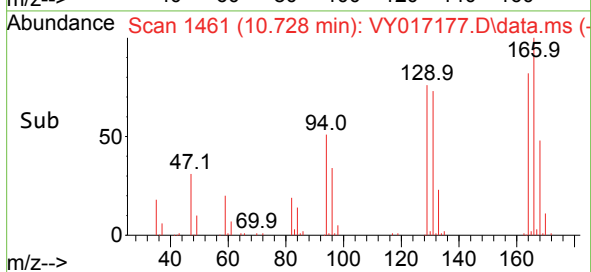
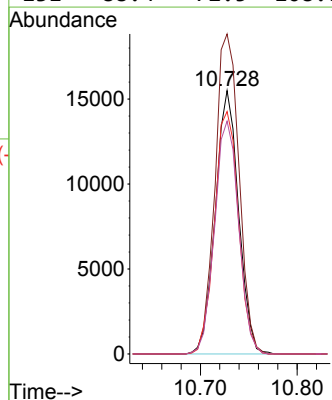
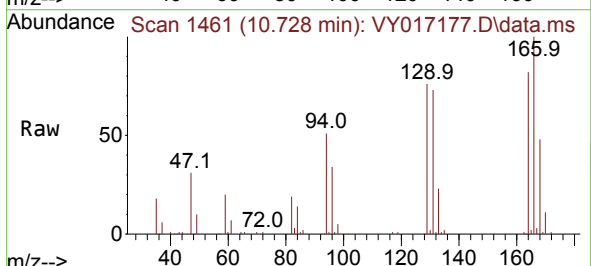
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

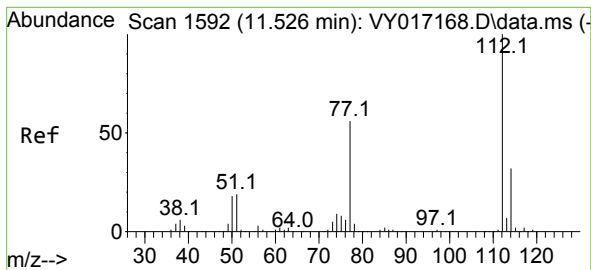
Tgt Ion:117 Resp: 193817  
Ion Ratio Lower Upper  
117 100  
82 52.6 43.8 65.8  
119 32.8 26.5 39.7



#64  
Tetrachloroethene  
Concen: 20.559 ug/l  
RT: 10.728 min Scan# 1461  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

Tgt Ion:164 Resp: 25879  
Ion Ratio Lower Upper  
164 100  
166 121.5 98.8 148.2  
129 92.0 78.9 118.3  
131 88.4 72.5 108.7

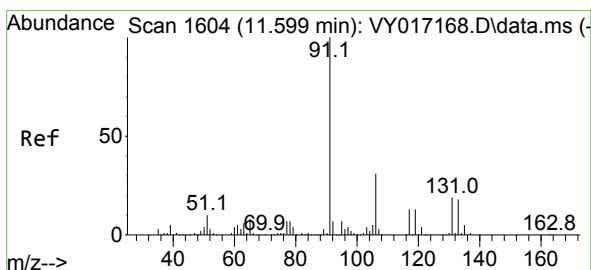
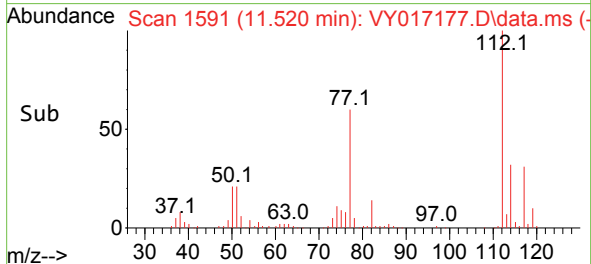
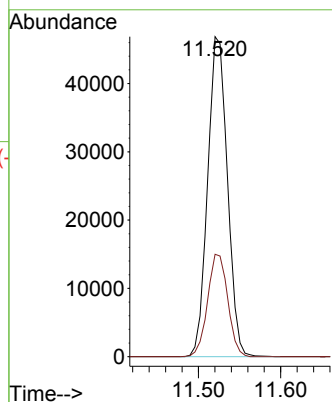
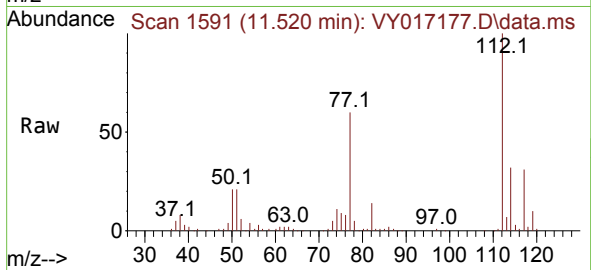




#65  
Chlorobenzene  
Concen: 20.889 ug/l  
RT: 11.520 min Scan# 11591  
Delta R.T. -0.006 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

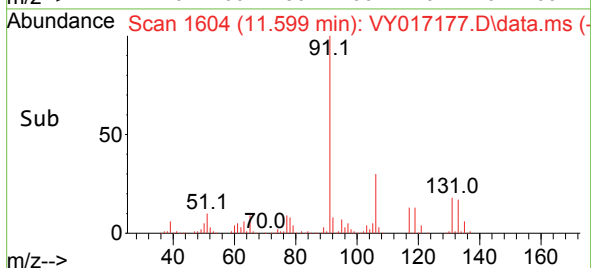
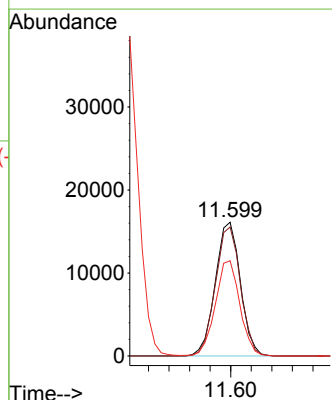
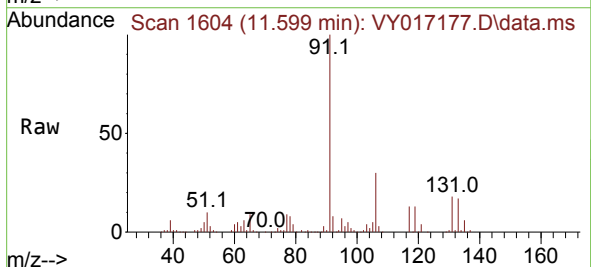
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

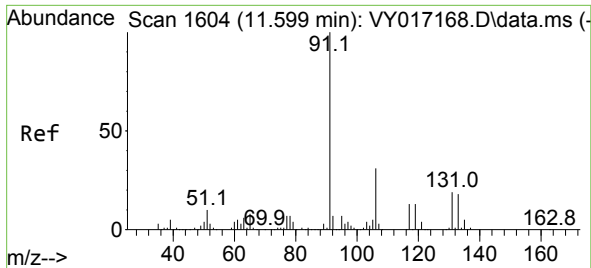
Tgt Ion:112 Resp: 78103  
Ion Ratio Lower Upper  
112 100  
114 32.0 26.1 39.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.063 ug/l  
RT: 11.599 min Scan# 1604  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

Tgt Ion:131 Resp: 27260  
Ion Ratio Lower Upper  
131 100  
133 96.3 47.0 141.0  
119 69.8 33.3 99.9

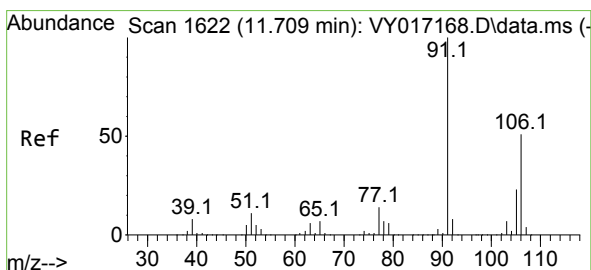
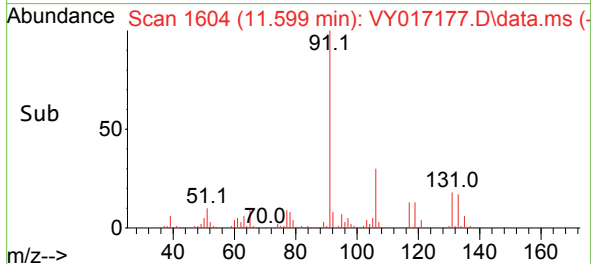
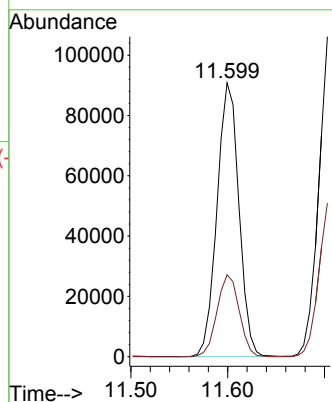
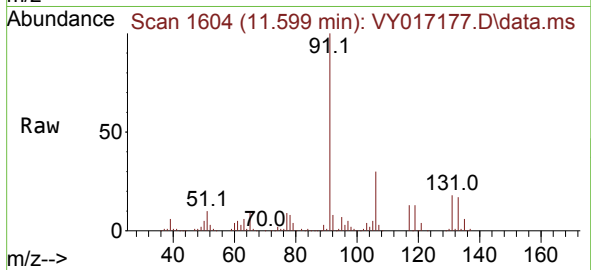




#67  
Ethyl Benzene  
Concen: 21.120 ug/l  
RT: 11.599 min Scan# 1604  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

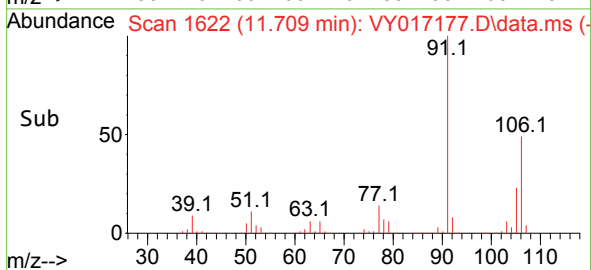
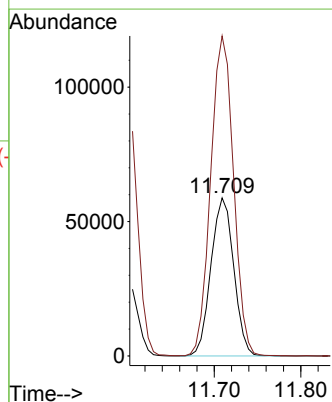
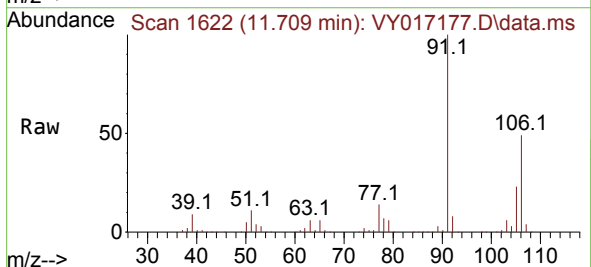
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

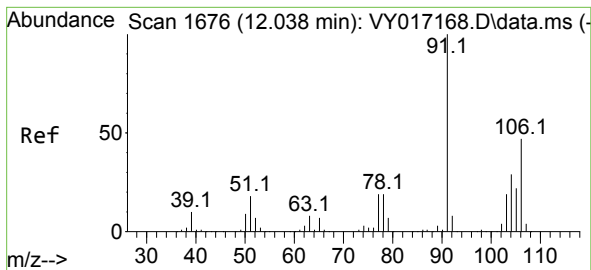
Tgt Ion: 91 Resp: 142713  
Ion Ratio Lower Upper  
91 100  
106 29.9 25.0 37.4



#68  
m/p-Xylenes  
Concen: 41.893 ug/l  
RT: 11.709 min Scan# 1622  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

Tgt Ion:106 Resp: 107429  
Ion Ratio Lower Upper  
106 100  
91 203.4 160.7 241.1





#69

o-Xylene

Concen: 21.116 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA\_Y

ClientSampleId :

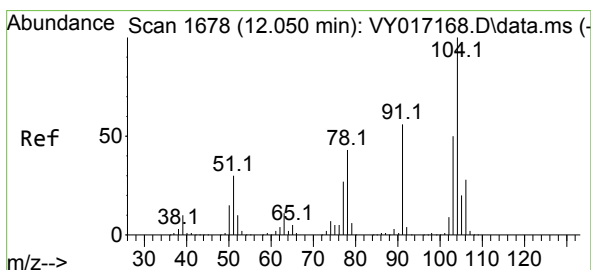
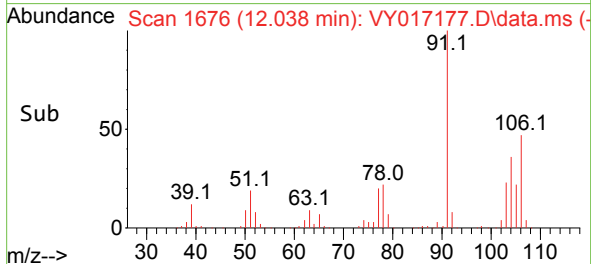
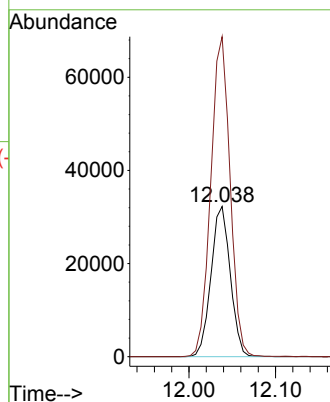
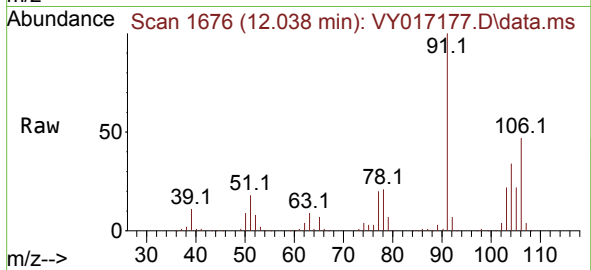
VY0202SBS01

Tgt Ion:106 Resp: 49866

Ion Ratio Lower Upper

106 100

91 213.5 106.5 319.5



#70

Styrene

Concen: 21.126 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

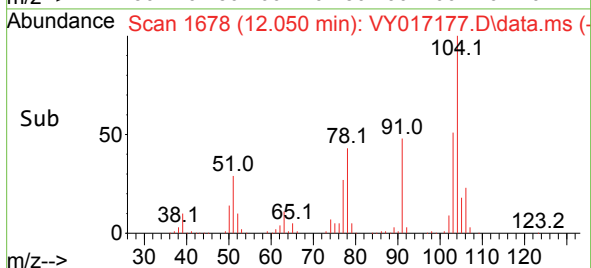
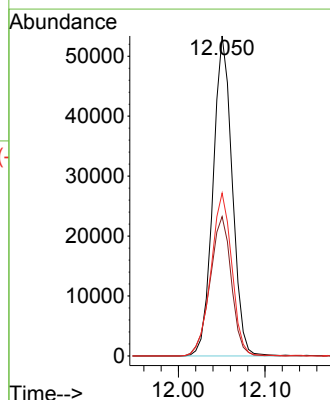
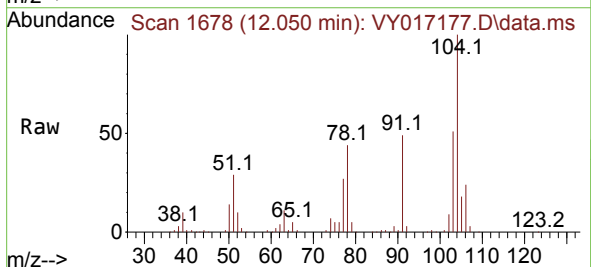
Tgt Ion:104 Resp: 82200

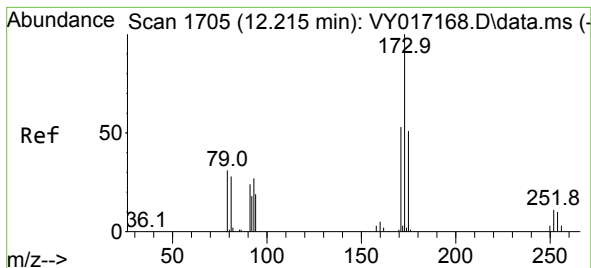
Ion Ratio Lower Upper

104 100

78 48.3 39.2 58.8

103 55.3 43.8 65.6





#71

Bromoform

Concen: 20.494 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0202SBS01

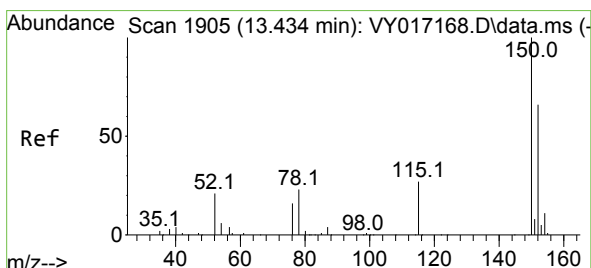
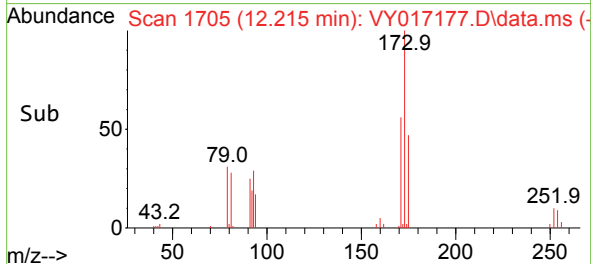
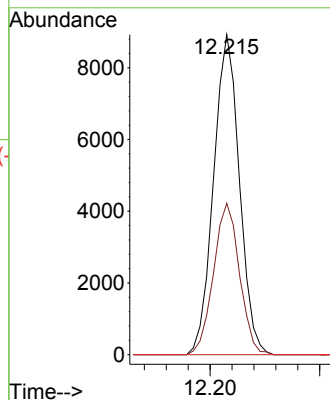
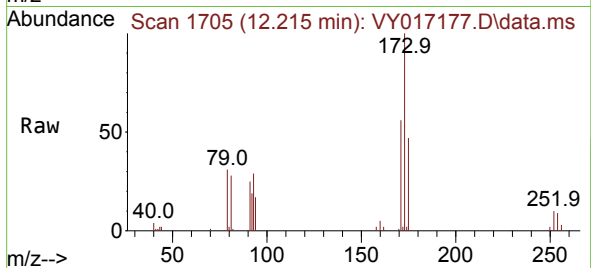
Tgt Ion:173 Resp: 14583

Ion Ratio Lower Upper

173 100

175 47.6 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

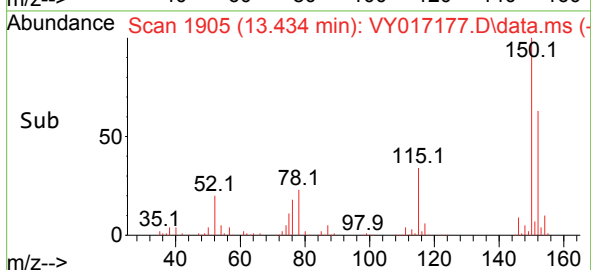
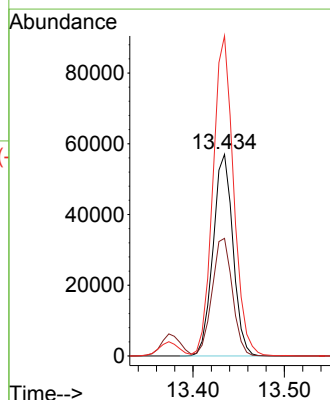
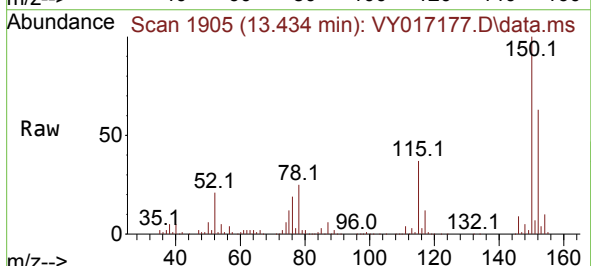
Tgt Ion:152 Resp: 86025

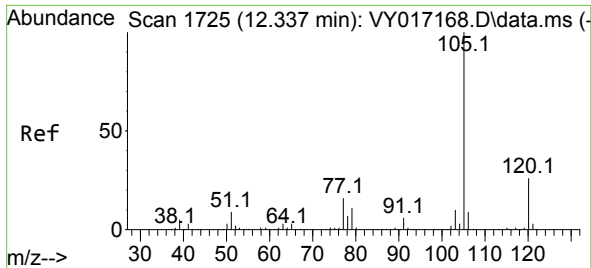
Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

150 165.0 0.0 344.6

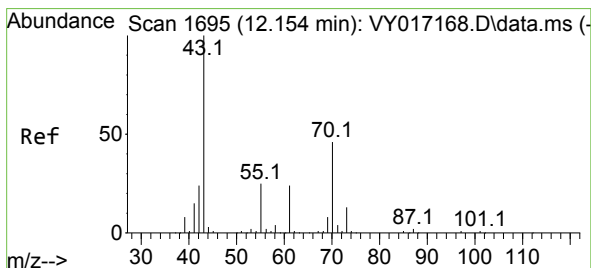
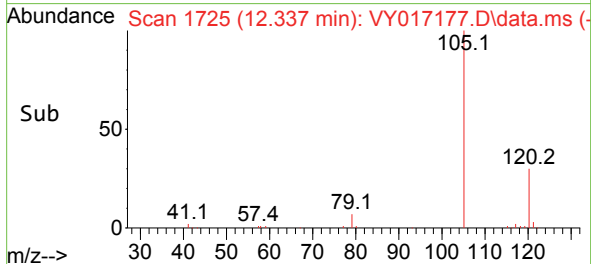
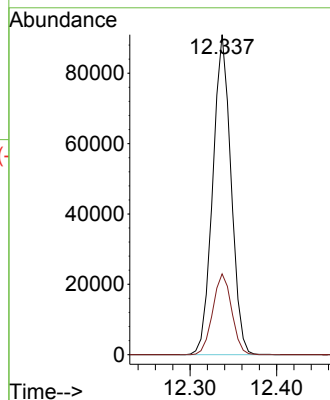
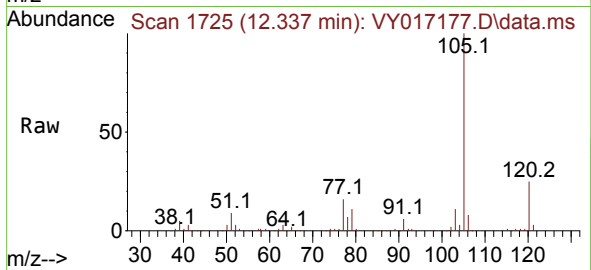




#73  
Isopropylbenzene  
Concen: 21.065 ug/l  
RT: 12.337 min Scan# 1725  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

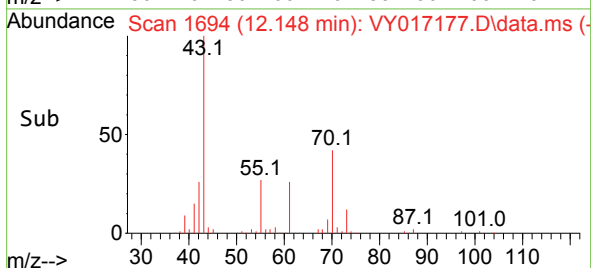
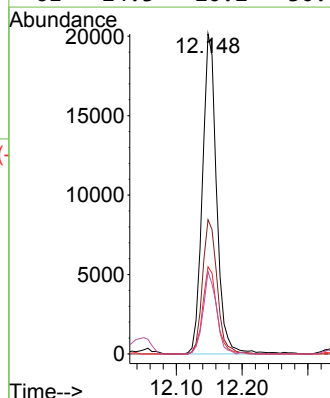
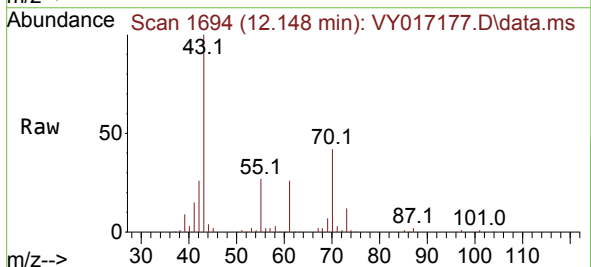
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

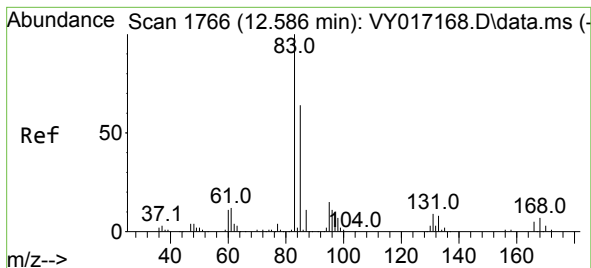
Tgt Ion:105 Resp: 133127  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.0 39.0



#74  
N-ethyl acetate  
Concen: 21.354 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. -0.006 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

Tgt Ion: 43 Resp: 30323  
Ion Ratio Lower Upper  
43 100  
70 43.2 36.6 55.0  
55 27.3 22.2 33.4  
61 24.3 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.368 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0202SBS01

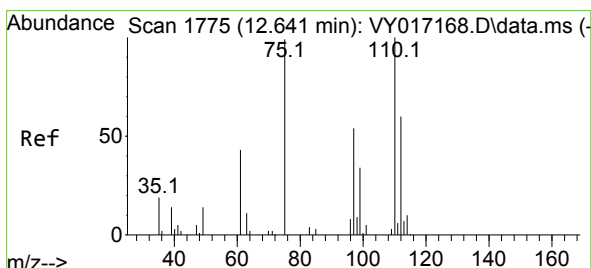
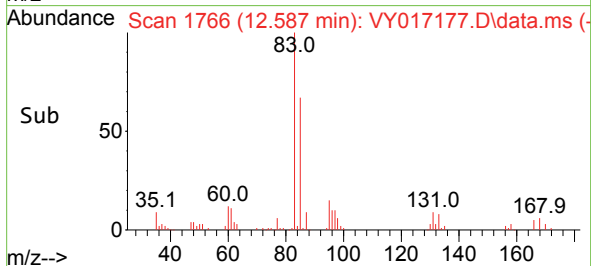
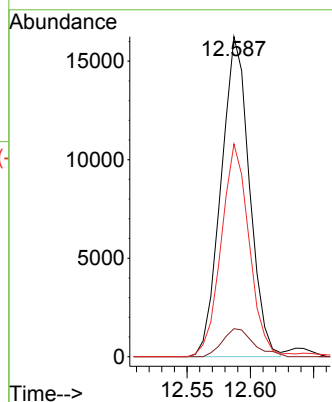
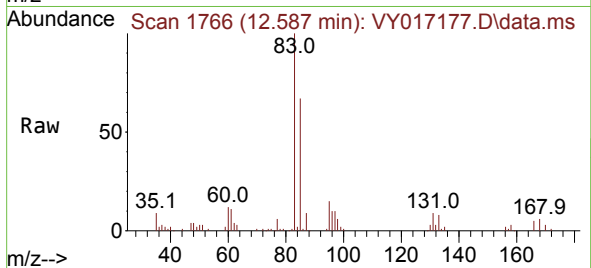
Tgt Ion: 83 Resp: 25317

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.6

85 65.7 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 38.998 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY017177.D

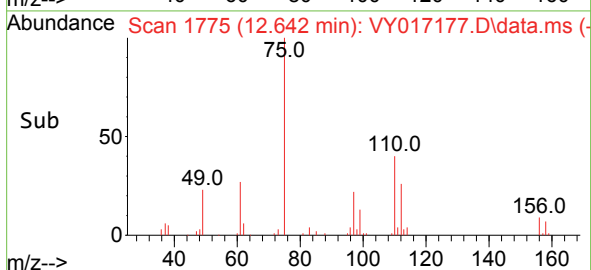
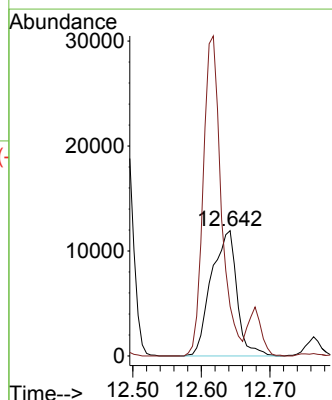
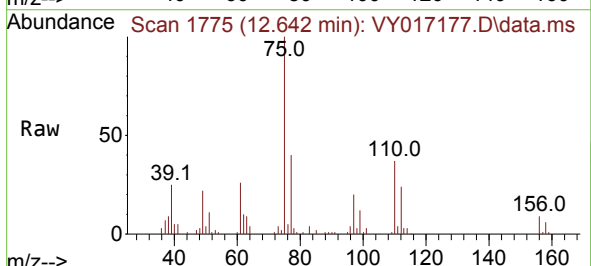
Acq: 02 Feb 2024 11:14

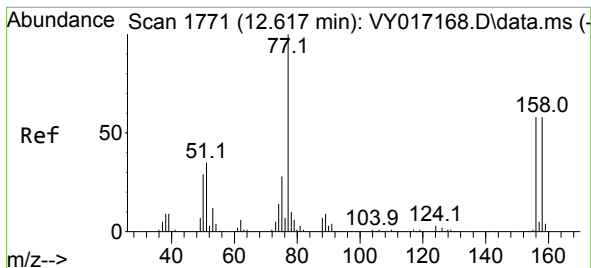
Tgt Ion: 75 Resp: 30964

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.198 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0202SBS01

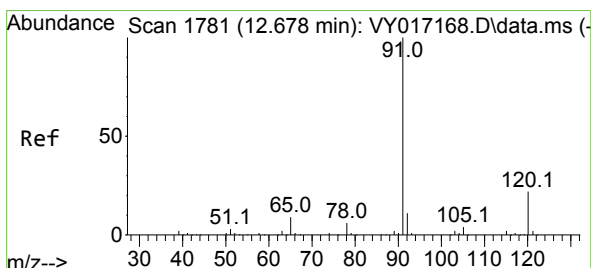
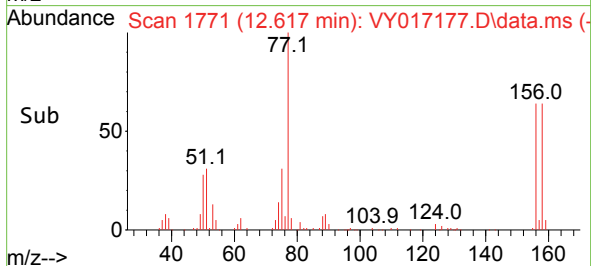
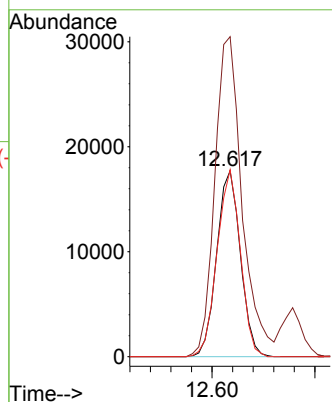
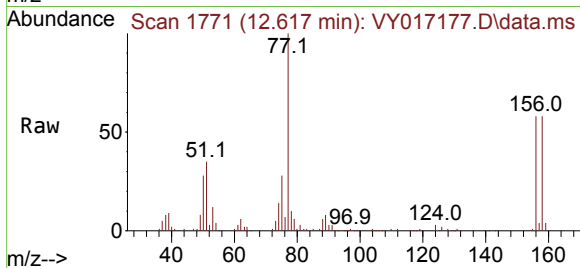
Tgt Ion:156 Resp: 28313

Ion Ratio Lower Upper

156 100

77 198.3 97.3 291.8

158 98.7 48.4 145.0



#78

n-propylbenzene

Concen: 21.520 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017177.D

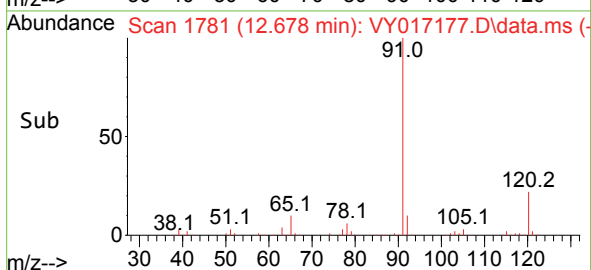
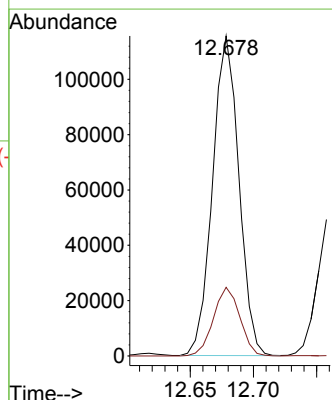
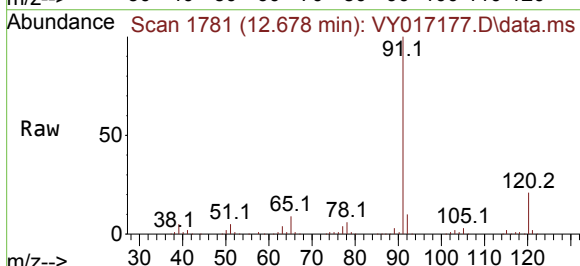
Acq: 02 Feb 2024 11:14

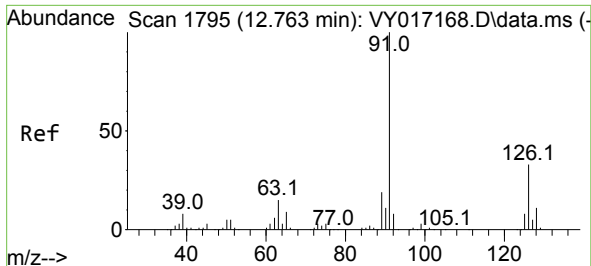
Tgt Ion: 91 Resp: 167029

Ion Ratio Lower Upper

91 100

120 21.5 11.0 33.0

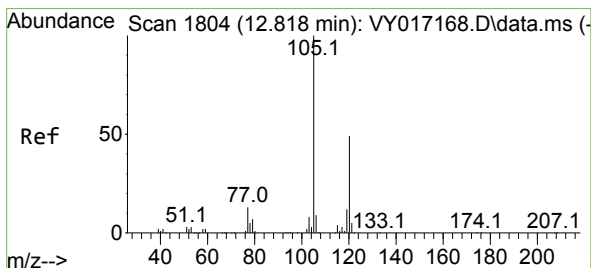
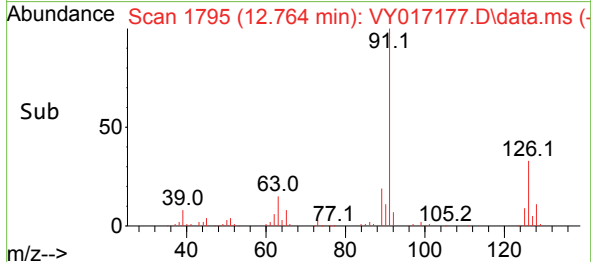
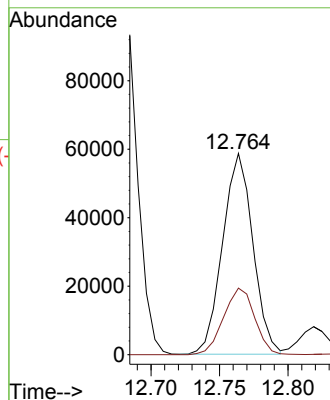
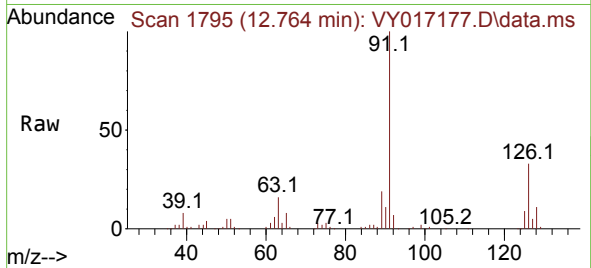




#79  
2-Chlorotoluene  
Concen: 21.171 ug/l  
RT: 12.764 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

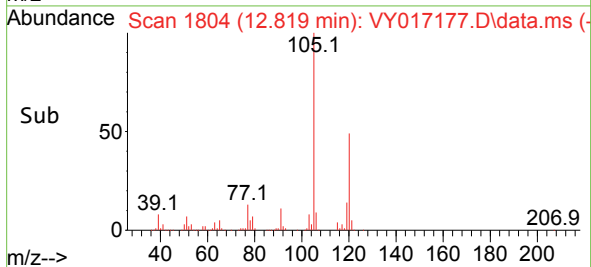
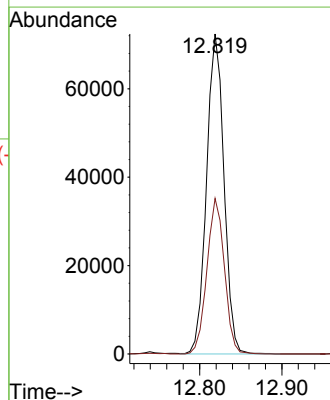
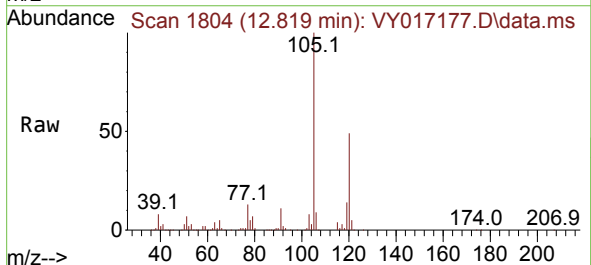
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

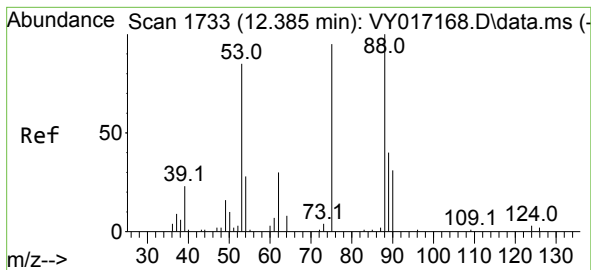
Tgt Ion: 91 Resp: 90342  
Ion Ratio Lower Upper  
91 100  
126 34.0 17.0 51.0



#80  
1,3,5-Trimethylbenzene  
Concen: 21.216 ug/l  
RT: 12.819 min Scan# 1804  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

Tgt Ion: 105 Resp: 106637  
Ion Ratio Lower Upper  
105 100  
120 48.7 24.3 72.8

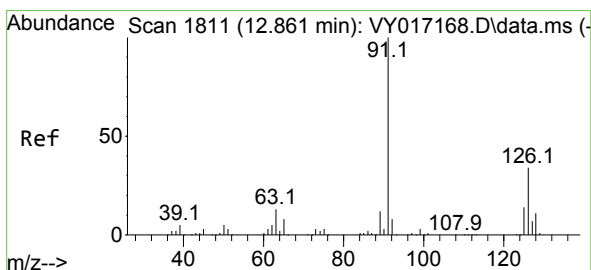
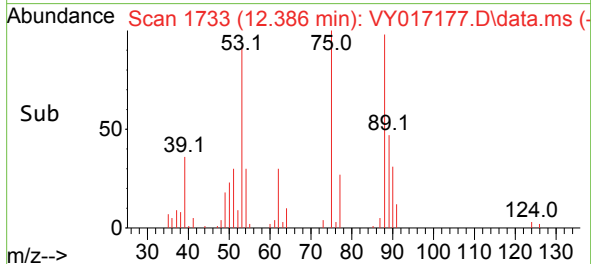
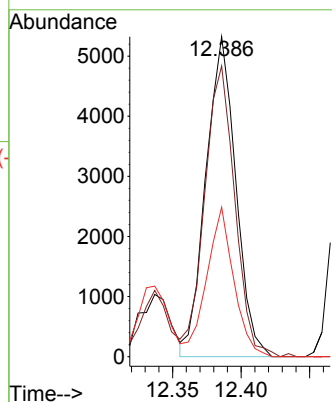
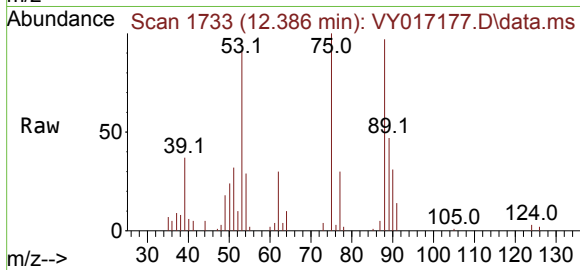




#81  
trans-1,4-Dichloro-2-butene  
Concen: 21.169 ug/l  
RT: 12.386 min Scan# 1733  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

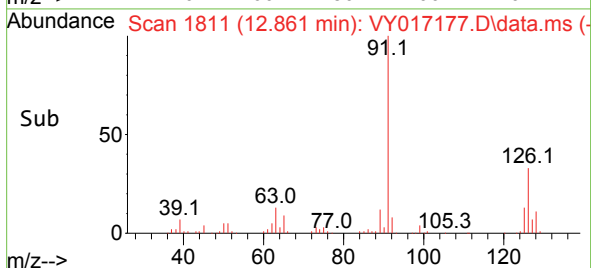
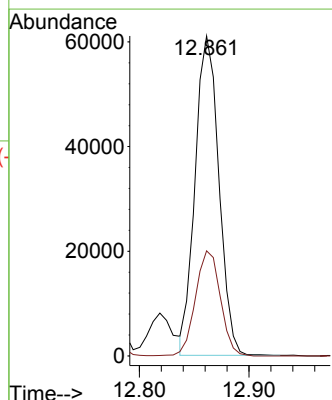
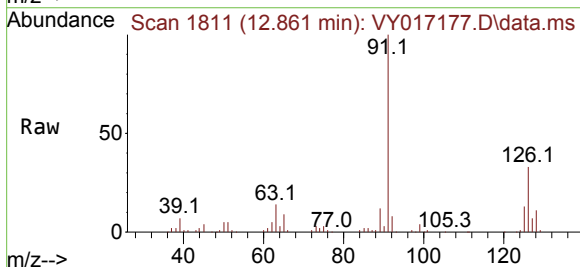
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

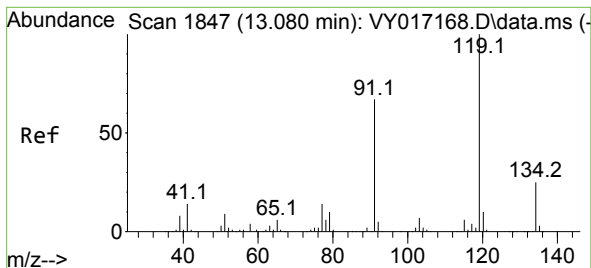
Tgt Ion: 75 Resp: 8089  
Ion Ratio Lower Upper  
75 100  
53 91.4 74.0 111.0  
89 42.5 36.5 54.7



#82  
4-Chlorotoluene  
Concen: 20.942 ug/l  
RT: 12.861 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

Tgt Ion: 91 Resp: 91971  
Ion Ratio Lower Upper  
91 100  
126 34.5 17.1 51.2





#83

tert-Butylbenzene

Concen: 21.221 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0202SBS01

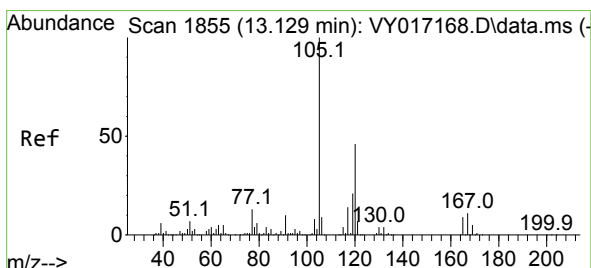
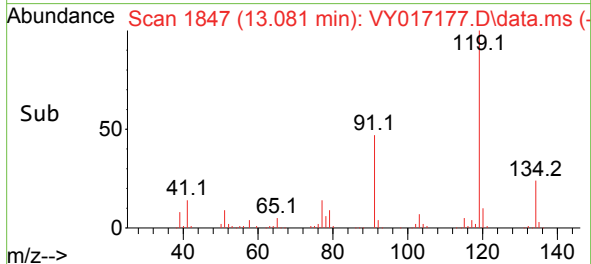
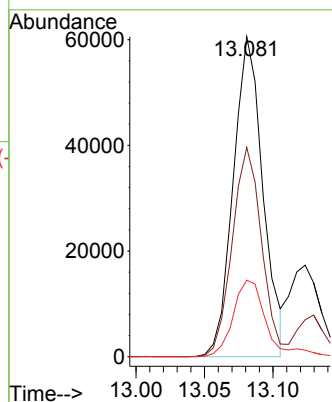
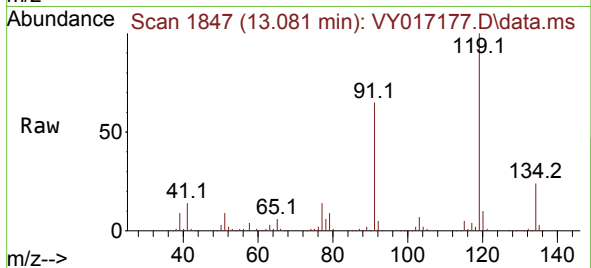
Tgt Ion:119 Resp: 91426

Ion Ratio Lower Upper

119 100

91 65.4 31.5 94.5

134 26.7 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 21.601 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017177.D

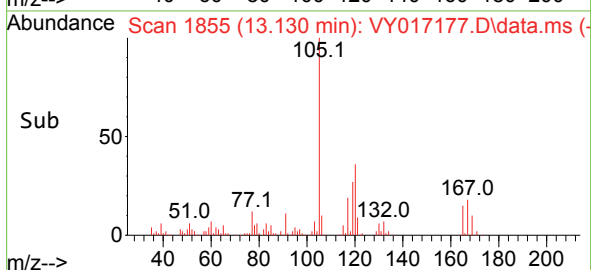
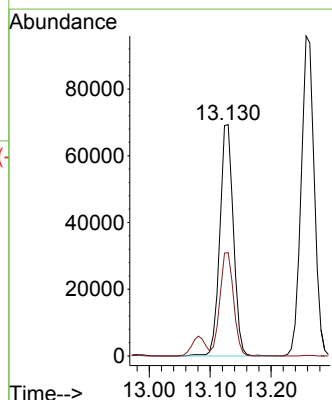
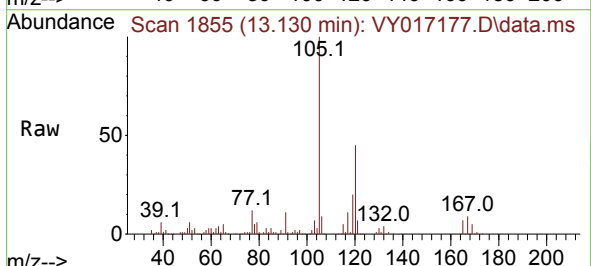
Acq: 02 Feb 2024 11:14

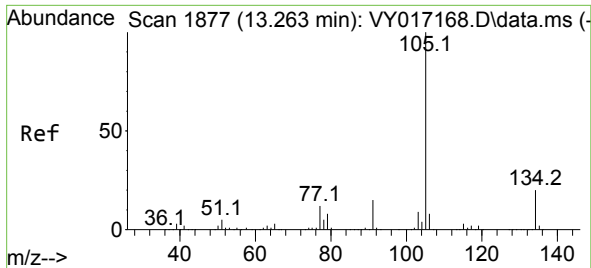
Tgt Ion:105 Resp: 107165

Ion Ratio Lower Upper

105 100

120 44.9 22.1 66.3

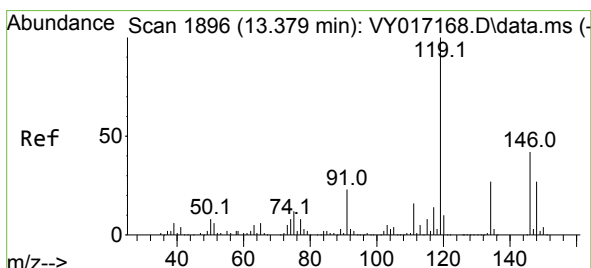
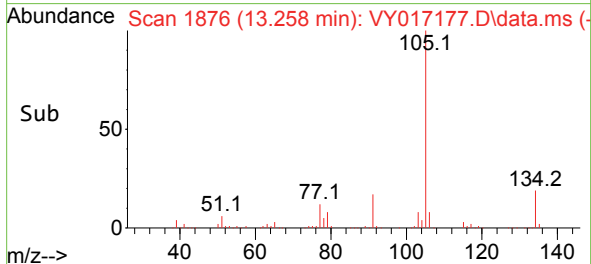
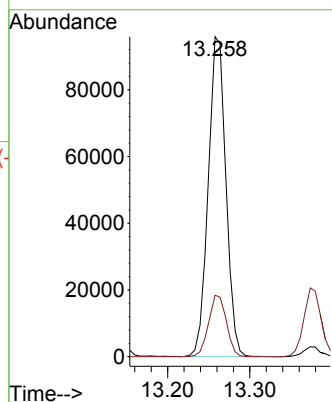
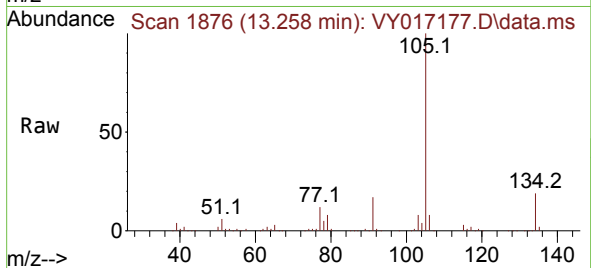




#85  
 sec-Butylbenzene  
 Concen: 21.264 ug/l  
 RT: 13.258 min Scan# 1876  
 Delta R.T. -0.006 min  
 Lab File: VY017177.D  
 Acq: 02 Feb 2024 11:14

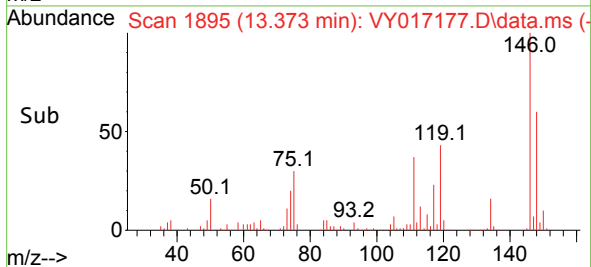
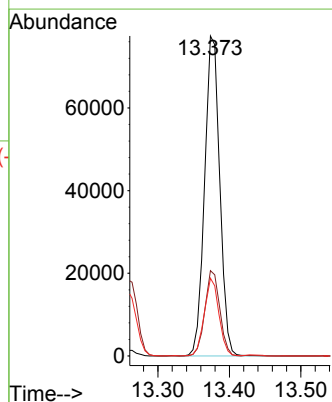
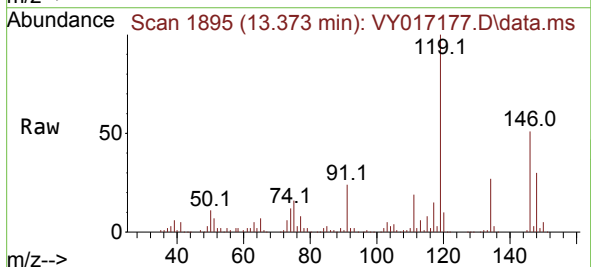
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0202SBS01

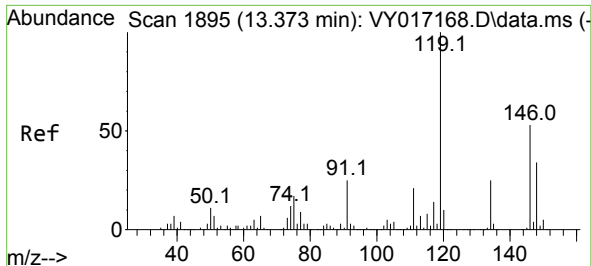
Tgt Ion:105 Resp: 143185  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 21.193 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. -0.006 min  
 Lab File: VY017177.D  
 Acq: 02 Feb 2024 11:14

Tgt Ion:119 Resp: 114037  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 13.1 39.1  
 91 23.5 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 20.998 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017177.D

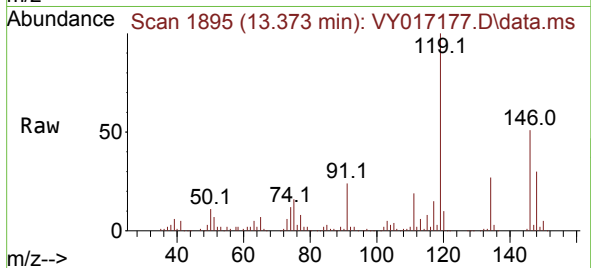
Acq: 02 Feb 2024 11:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0202SBS01



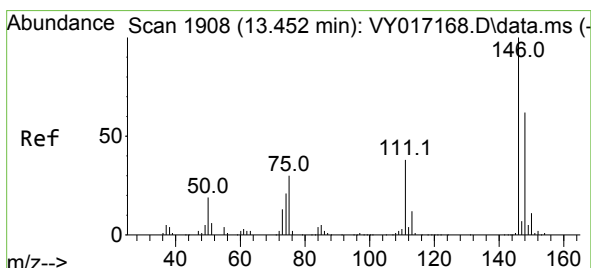
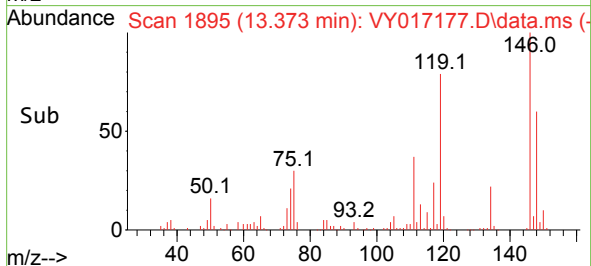
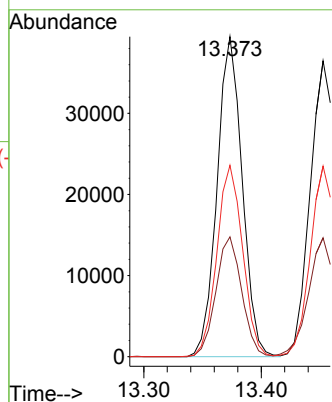
Tgt Ion:146 Resp: 58721

Ion Ratio Lower Upper

146 100

111 38.4 20.2 60.5

148 61.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.609 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

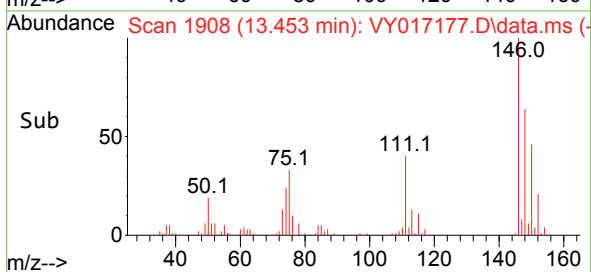
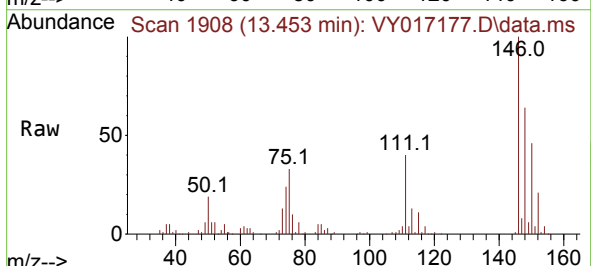
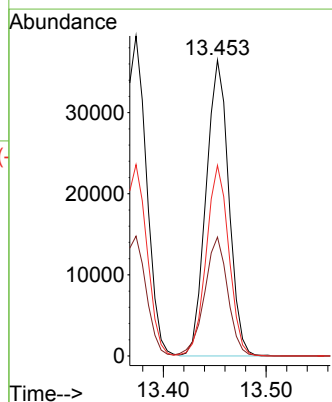
Tgt Ion:146 Resp: 55991

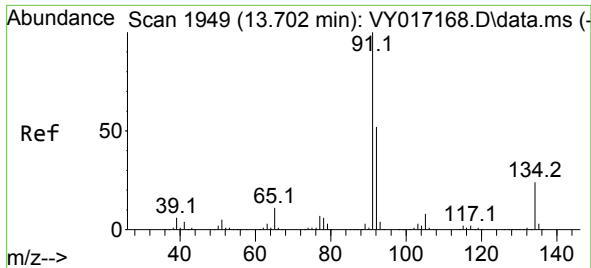
Ion Ratio Lower Upper

146 100

111 41.1 19.3 57.9

148 64.2 31.6 94.7

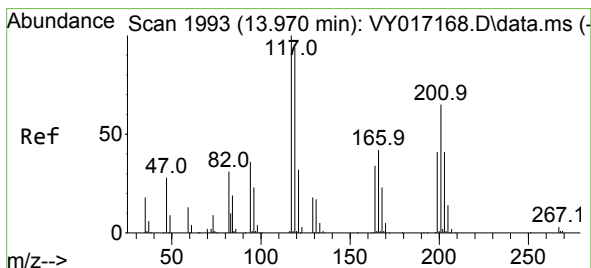
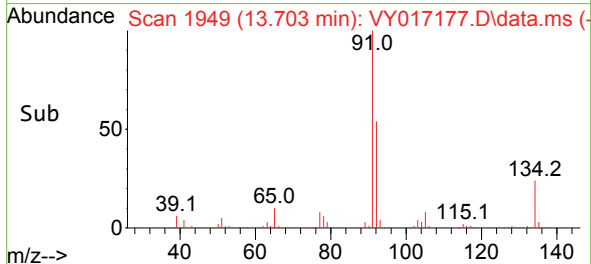
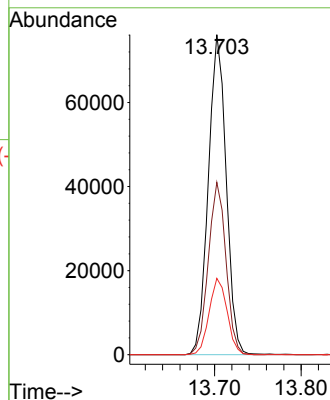
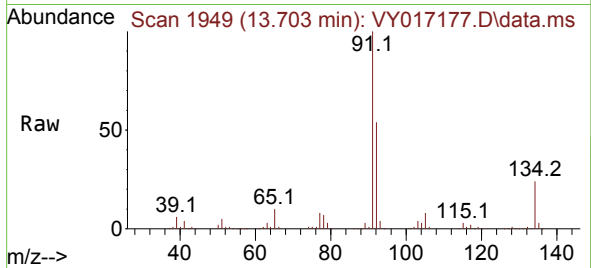




#89  
n-Butylbenzene  
Concen: 21.291 ug/l  
RT: 13.703 min Scan# 1949  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

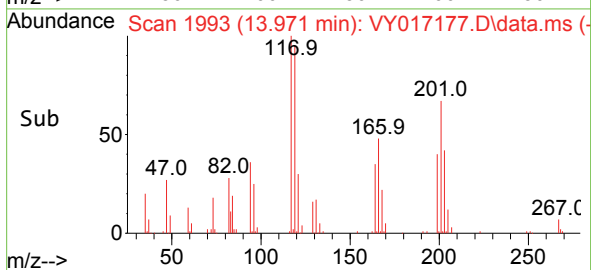
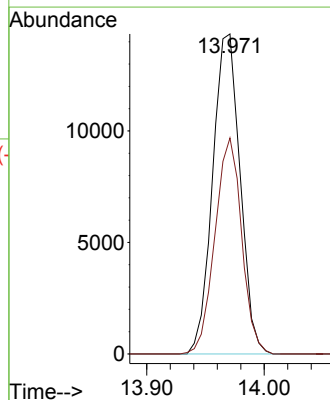
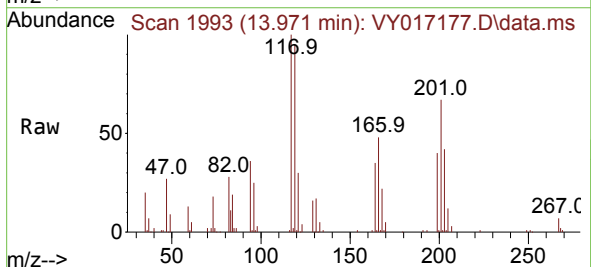
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

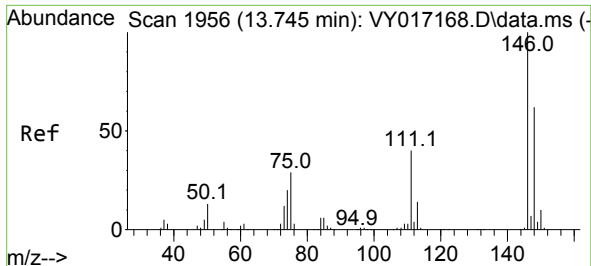
Tgt Ion: 91 Resp: 108928  
Ion Ratio Lower Upper  
91 100  
92 53.3 26.4 79.2  
134 24.0 12.3 36.8



#90  
Hexachloroethane  
Concen: 21.079 ug/l  
RT: 13.971 min Scan# 1993  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

Tgt Ion: 117 Resp: 23285  
Ion Ratio Lower Upper  
117 100  
201 65.7 33.4 100.1

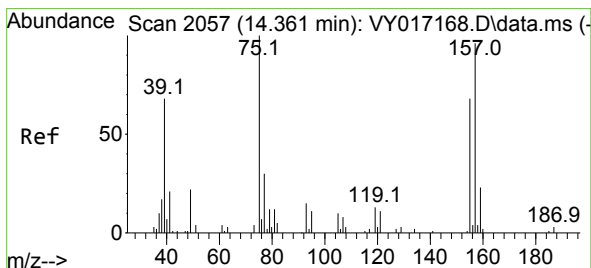
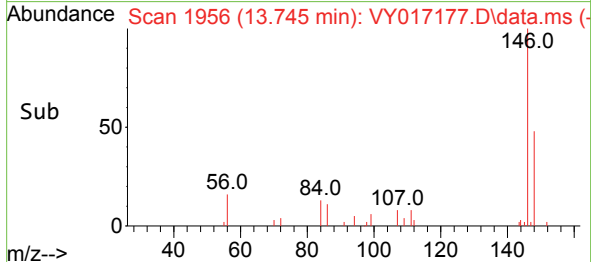
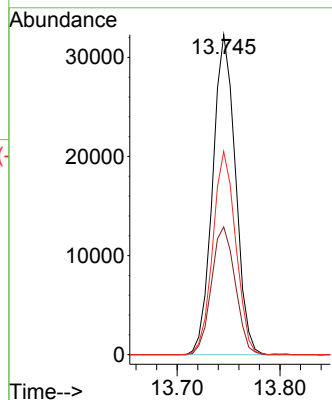
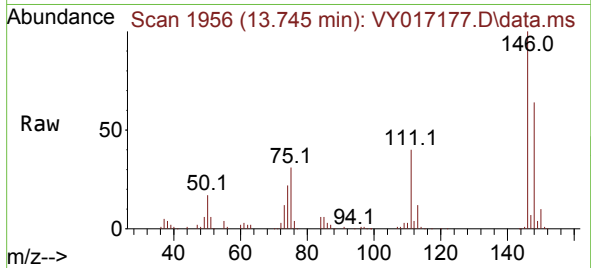




#91  
1,2-Dichlorobenzene  
Concen: 20.886 ug/l  
RT: 13.745 min Scan# 1956  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

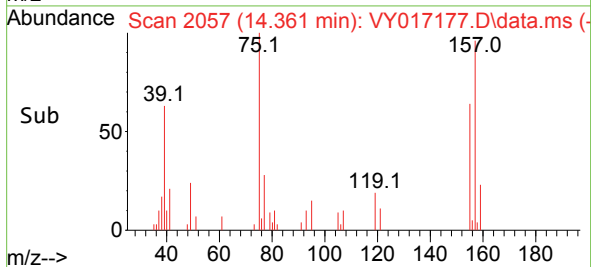
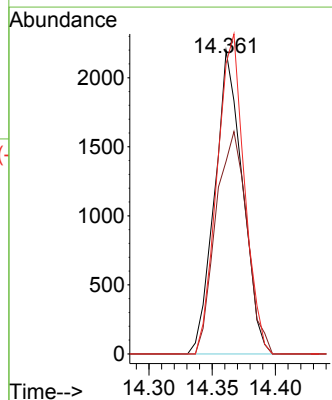
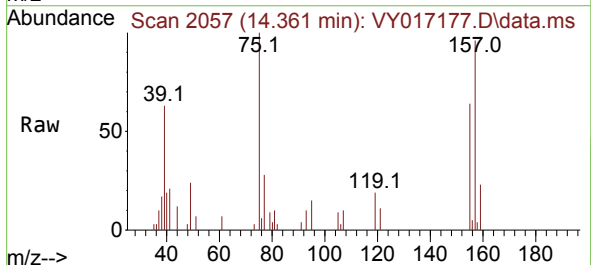
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0202SBS01

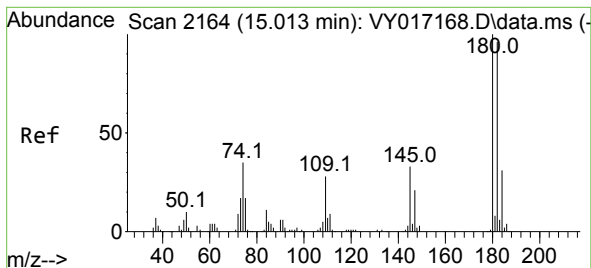
Tgt Ion:146 Resp: 49722  
Ion Ratio Lower Upper  
146 100  
111 41.7 20.5 61.6  
148 63.8 31.4 94.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.747 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VY017177.D  
Acq: 02 Feb 2024 11:14

Tgt Ion: 75 Resp: 3359  
Ion Ratio Lower Upper  
75 100  
155 81.9 42.1 126.3  
157 103.7 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 21.671 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0202SBS01

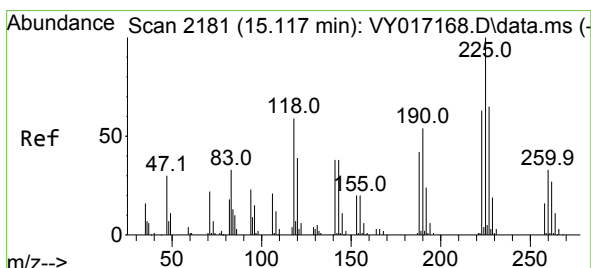
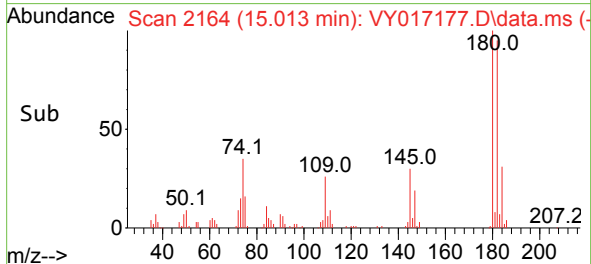
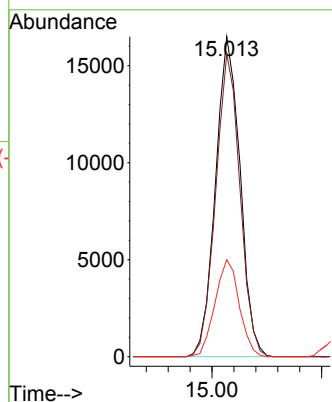
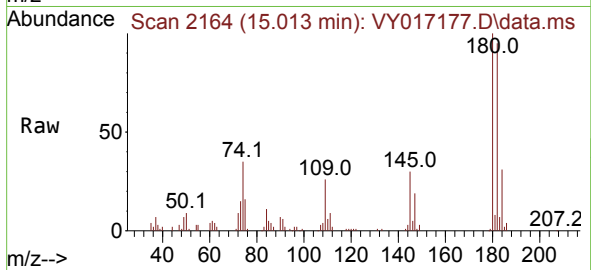
Tgt Ion:180 Resp: 25626

Ion Ratio Lower Upper

180 100

182 93.3 47.9 143.7

145 30.0 15.9 47.7



#94

Hexachlorobutadiene

Concen: 21.942 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

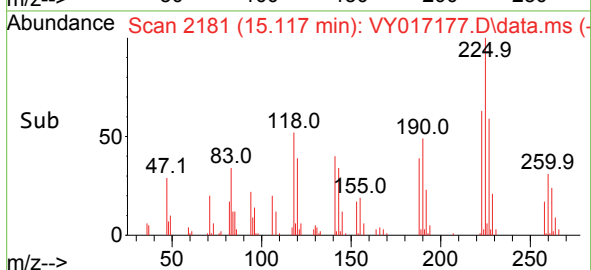
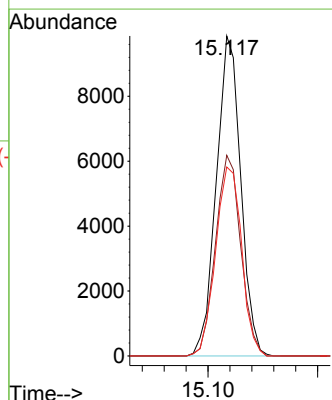
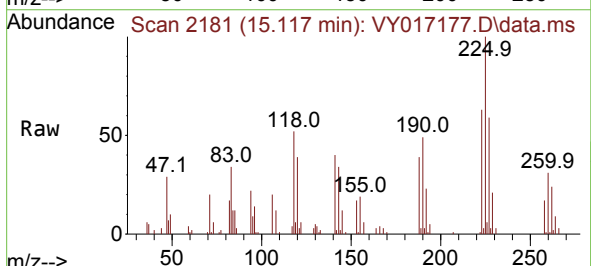
Tgt Ion:225 Resp: 15281

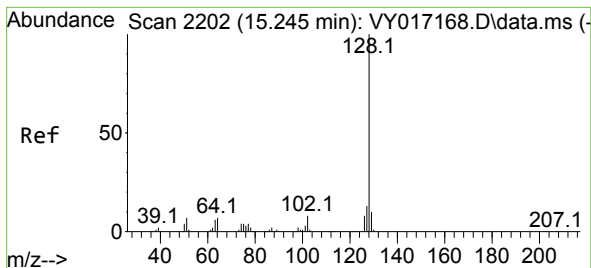
Ion Ratio Lower Upper

225 100

223 64.8 31.4 94.3

227 62.9 32.3 96.8





#95

Naphthalene

Concen: 21.748 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0202SBS01

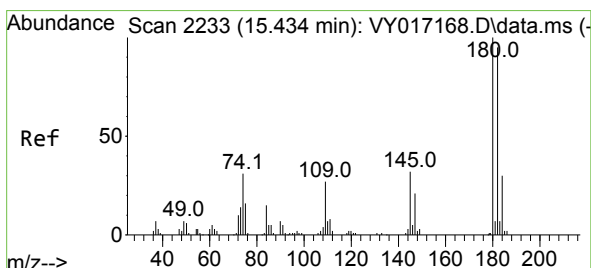
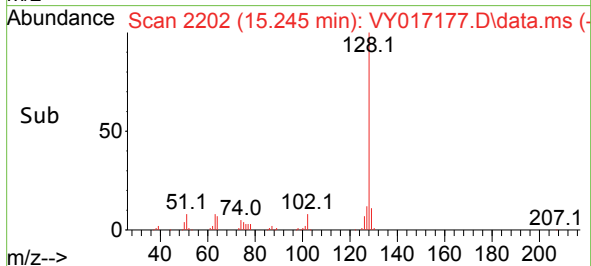
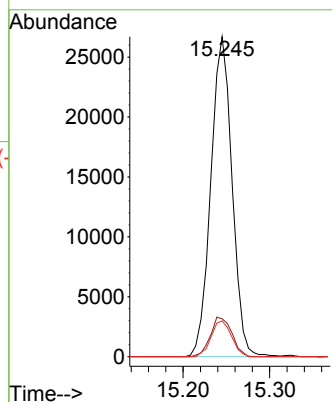
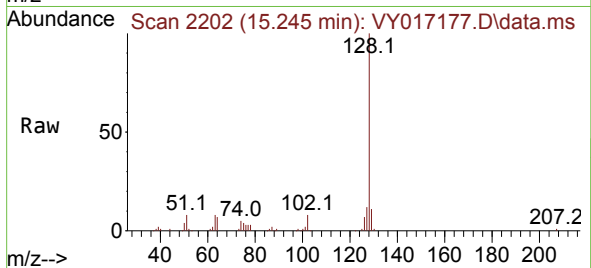
Tgt Ion:128 Resp: 45520

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 21.628 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017177.D

Acq: 02 Feb 2024 11:14

Tgt Ion:180 Resp: 21751

Ion Ratio Lower Upper

180 100

182 95.5 46.3 138.8

145 32.6 16.1 48.2

