

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY100923\  
 Data File : VY015879.D  
 Acq On : 09 Oct 2023 13:59  
 Operator : SY/MD  
 Sample : VSTDIC010  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Oct 10 05:38:38 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100923S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 10 05:24:20 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.795  | 168   | 192001   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697  | 114   | 317028   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.496 | 117   | 284731   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428 | 152   | 138510   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.149  | 65    | 18656    | 10.799   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 21.600%# |
| 35) Dibromofluoromethane     | 7.722  | 113   | 18771    | 10.615   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 21.240%# |
| 50) Toluene-d8               | 10.185 | 98    | 62299    | 10.690   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 134 | Recovery | =      | 21.380%# |
| 62) 4-Bromofluorobenzene     | 12.483 | 95    | 25689    | 10.852   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 30 - 143 | Recovery | =      | 21.700%# |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.912  | 85    | 7723     | 10.056   | ug/l   | 96       |
| 3) Chloromethane             | 2.119  | 50    | 7416     | 9.441    | ug/l   | 97       |
| 4) Vinyl Chloride            | 2.253  | 62    | 9531     | 9.513    | ug/l   | 92       |
| 5) Bromomethane              | 2.650  | 94    | 8552     | 10.410   | ug/l   | 90       |
| 6) Chloroethane              | 2.796  | 64    | 7609     | 9.672    | ug/l # | 85       |
| 7) Trichlorofluoromethane    | 3.125  | 101   | 21904    | 10.304   | ug/l   | 100      |
| 8) Diethyl Ether             | 3.534  | 74    | 9320     | 10.363   | ug/l   | 88       |
| 9) 1,1,2-Trichlorotrifluo... | 3.906  | 101   | 14897    | 10.326   | ug/l   | 95       |
| 10) Methyl Iodide            | 4.101  | 142   | 10810    | 9.389    | ug/l   | 99       |
| 11) Tert butyl alcohol       | 4.966  | 59    | 22388    | 57.534   | ug/l # | 93       |
| 12) 1,1-Dichloroethene       | 3.881  | 96    | 10786    | 9.720    | ug/l   | 93       |
| 13) Acrolein                 | 3.741  | 56    | 5287     | 50.070   | ug/l   | 99       |
| 14) Allyl chloride           | 4.491  | 41    | 19169    | 9.369    | ug/l   | 94       |
| 15) Acrylonitrile            | 5.174  | 53    | 32466    | 52.496   | ug/l   | 98       |
| 16) Acetone                  | 3.960  | 43    | 41672    | 54.175   | ug/l   | 96       |
| 17) Carbon Disulfide         | 4.198  | 76    | 11088    | 9.047    | ug/l   | 100      |
| 18) Methyl Acetate           | 4.491  | 43    | 22757    | 9.717    | ug/l   | 95       |
| 19) Methyl tert-butyl Ether  | 5.235  | 73    | 51048    | 10.151   | ug/l   | 95       |
| 20) Methylene Chloride       | 4.729  | 84    | 28747    | 8.092    | ug/l   | 88       |
| 21) trans-1,2-Dichloroethene | 5.228  | 96    | 12203    | 9.477    | ug/l   | 97       |
| 22) Diisopropyl ether        | 6.125  | 45    | 57029    | 10.421   | ug/l   | 94       |
| 23) Vinyl Acetate            | 6.070  | 43    | 153310   | 50.945   | ug/l # | 95       |
| 24) 1,1-Dichloroethane       | 6.027  | 63    | 30688    | 10.180   | ug/l   | 94       |
| 25) 2-Butanone               | 6.990  | 43    | 51670    | 54.521   | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 6.990  | 77    | 29090    | 10.376   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 6.990  | 96    | 19495    | 10.258   | ug/l   | 95       |
| 28) Bromochloromethane       | 7.344  | 49    | 17972    | 10.344   | ug/l   | 94       |
| 29) Tetrahydrofuran          | 7.362  | 42    | 26305    | 50.738   | ug/l   | 91       |
| 30) Chloroform               | 7.515  | 83    | 34936    | 10.390   | ug/l   | 99       |
| 31) Cyclohexane              | 7.789  | 56    | 18964    | 10.249   | ug/l # | 74       |
| 32) 1,1,1-Trichloroethane    | 7.710  | 97    | 28253    | 10.289   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 7.923  | 75    | 19554    | 9.985    | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.082  | 43    | 18171    | 10.803   | ug/l # | 95       |
| 38) Carbon Tetrachloride     | 7.905  | 117   | 23621    | 10.043   | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.185  | 83    | 19437    | 9.771    | ug/l   | 95       |
| 40) Benzene                  | 8.167  | 78    | 61847    | 10.049   | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY100923\  
 Data File : VY015879.D  
 Acq On : 09 Oct 2023 13:59  
 Operator : SY/MD  
 Sample : VSTDICC010  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Oct 10 05:38:38 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100923S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 10 05:24:20 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.313  | 41   | 10024    | 9.588   | ug/l # | 90       |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 21812    | 10.397  | ug/l   | 94       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 31946    | 10.261  | ug/l # | 95       |
| 44) Trichloroethene           | 8.947  | 130  | 18259    | 10.252  | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 19282    | 10.416  | ug/l   | 98       |
| 46) Dibromomethane            | 9.313  | 93   | 11467    | 10.409  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.502  | 83   | 28704    | 10.476  | ug/l # | 97       |
| 48) Methyl methacrylate       | 9.295  | 41   | 13871    | 10.088  | ug/l   | 86       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 3752     | 195.923 | ug/l # | 58       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 98209    | 52.723  | ug/l   | 92       |
| 52) Toluene                   | 10.246 | 92   | 41806    | 10.233  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 28047    | 10.126  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 30439    | 10.117  | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 18493    | 10.542  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 23856    | 10.017  | ug/l # | 84       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 29071    | 10.279  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 75301    | 51.877  | ug/l   | 95       |
| 59) 2-Hexanone                | 10.837 | 43   | 76321    | 54.157  | ug/l   | 90       |
| 60) Dibromochloromethane      | 10.990 | 129  | 21738    | 10.337  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 16522    | 10.313  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.721 | 164  | 19723    | 10.614  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.520 | 112  | 51230    | 10.315  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 20911    | 10.301  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.593 | 91   | 86817    | 10.189  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 65645    | 20.446  | ug/l   | 95       |
| 69) o-Xylene                  | 12.032 | 106  | 32607    | 10.151  | ug/l   | 99       |
| 70) Styrene                   | 12.044 | 104  | 57067    | 10.182  | ug/l   | 96       |
| 71) Bromoform                 | 12.209 | 173  | 14336    | 10.142  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.331 | 105  | 91456    | 10.467  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.148 | 43   | 27897    | 10.131  | ug/l # | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 23774    | 10.494  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 29424    | 17.658  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 22875    | 10.677  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.672 | 91   | 110057   | 10.474  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 61698    | 10.308  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 74954    | 10.408  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 7410     | 10.162  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 65310    | 10.471  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 70486    | 10.488  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 76192    | 10.507  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.258 | 105  | 105049   | 10.658  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 85434    | 10.478  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 45683    | 10.591  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 45988    | 10.587  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.696 | 91   | 81450    | 10.556  | ug/l   | 98       |
| 90) Hexachloroethane          | 13.965 | 117  | 17311    | 10.580  | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 43144    | 10.761  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 4264     | 10.717  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 26213    | 10.201  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 14587    | 10.601  | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 58013    | 9.759   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 23373    | 10.226  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY100923\  
Data File : VY015879.D  
Acq On : 09 Oct 2023 13:59  
Operator : SY/MD  
Sample : VSTDIC010  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 6 Sample Multiplier: 1

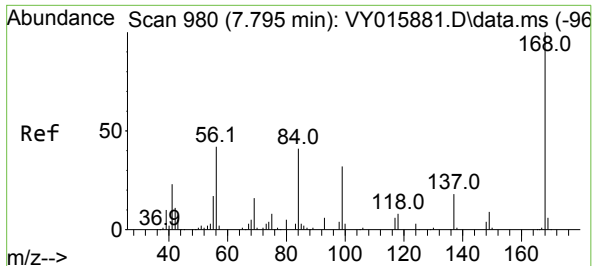
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Oct 10 05:38:38 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100923S.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 10 05:24:20 2023  
Response via : Initial Calibration

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

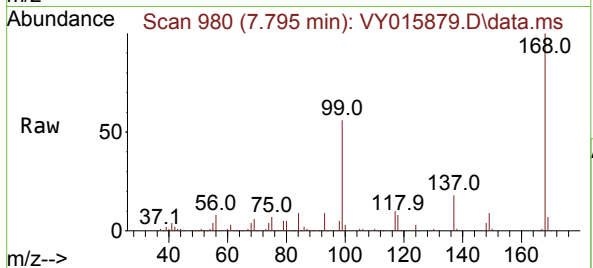
(#) = qualifier out of range (m) = manual integration (+) = signals summed



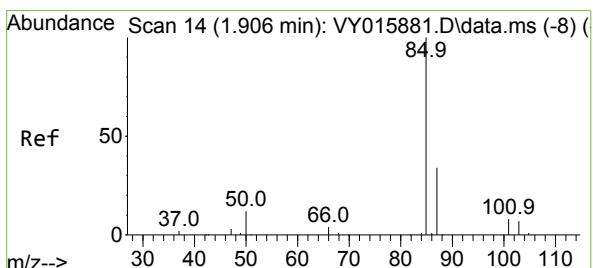
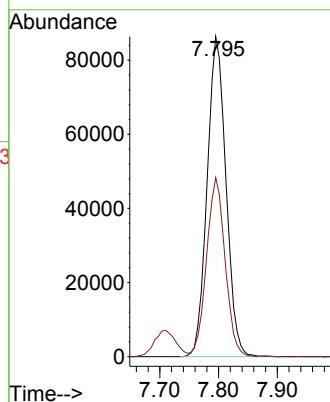
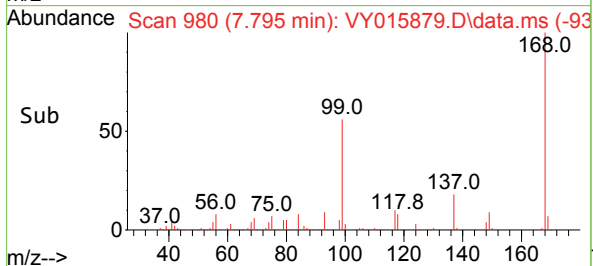


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

Instrument :  
MSVOA\_Y  
ClientSampleId :

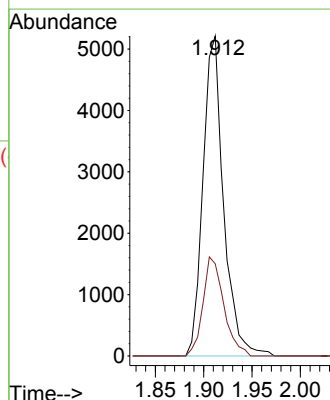
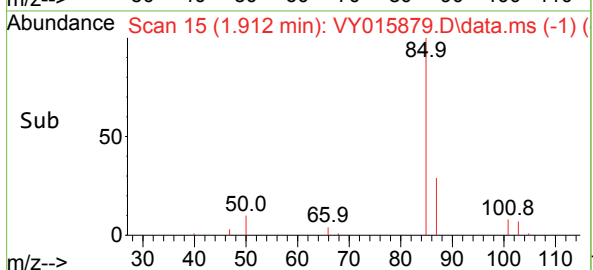
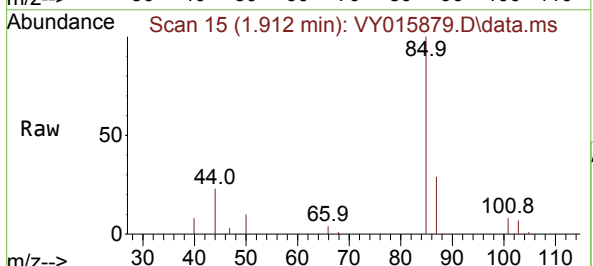


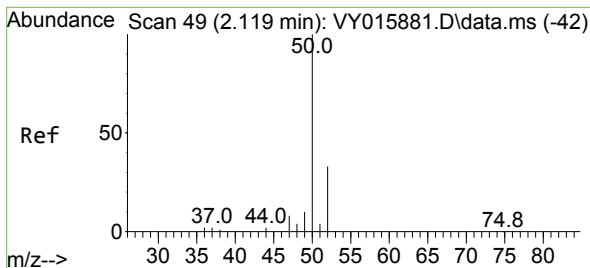
Tgt Ion:168 Resp: 192001  
Ion Ratio Lower Upper  
168 100  
99 56.0 43.4 65.0



#2  
Dichlorodifluoromethane  
Concen: 10.056 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. 0.006 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

Tgt Ion: 85 Resp: 7723  
Ion Ratio Lower Upper  
85 100  
87 28.8 15.6 46.8





#3

Chloromethane

Concen: 9.441 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

Instrument :

MSVOA\_Y

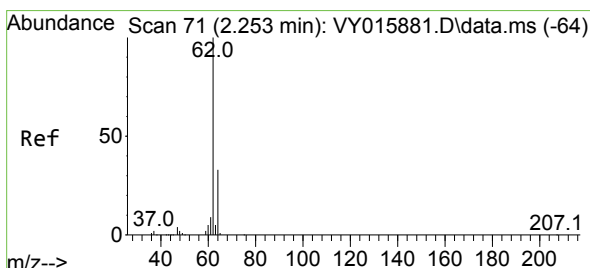
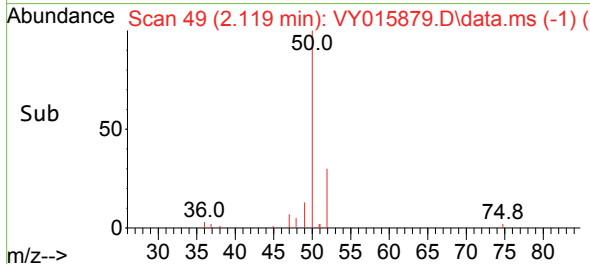
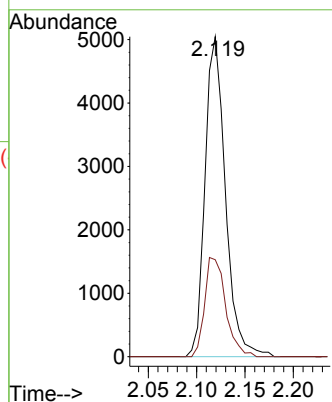
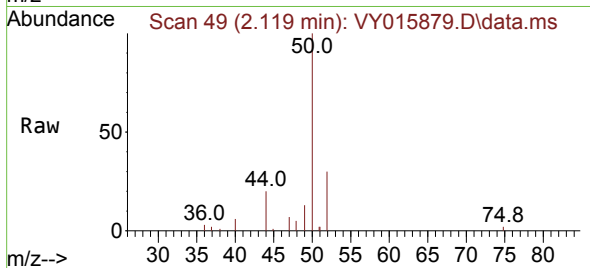
ClientSampleId :

Tgt Ion: 50 Resp: 7416

Ion Ratio Lower Upper

50 100

52 30.3 25.4 38.2



#4

Vinyl Chloride

Concen: 9.513 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY015879.D

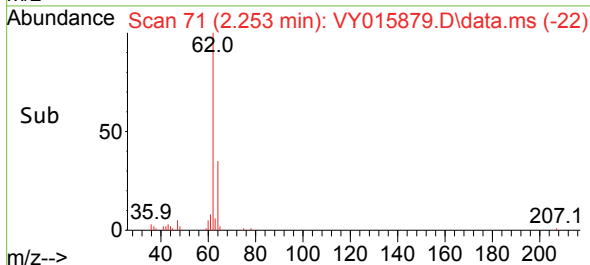
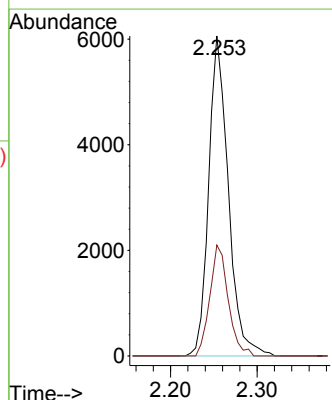
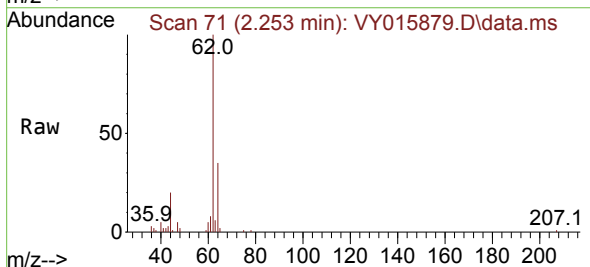
Acq: 09 Oct 2023 13:59

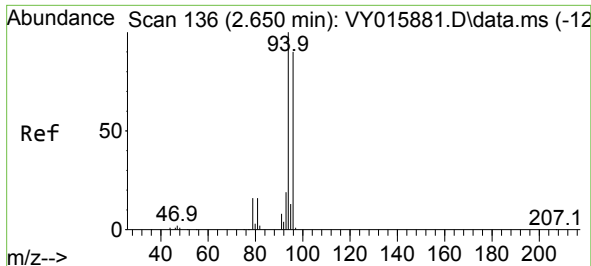
Tgt Ion: 62 Resp: 9531

Ion Ratio Lower Upper

62 100

64 34.7 24.3 36.5

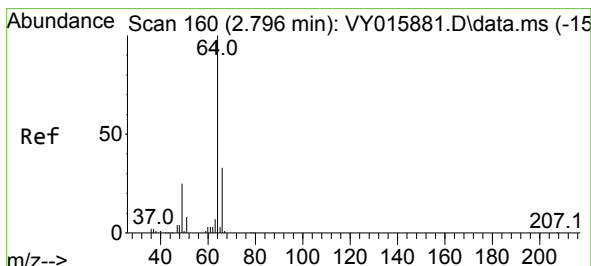
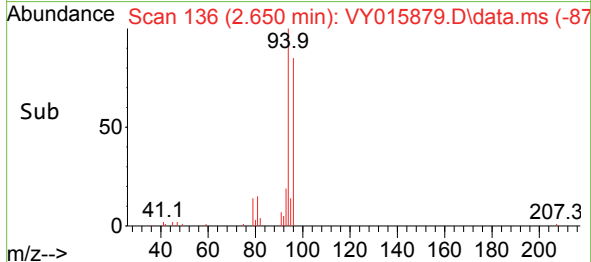
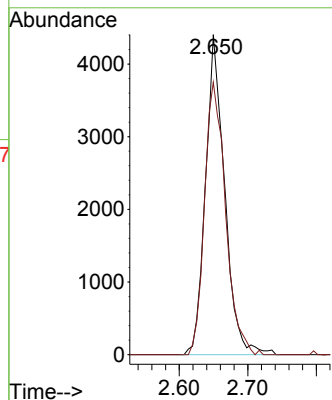
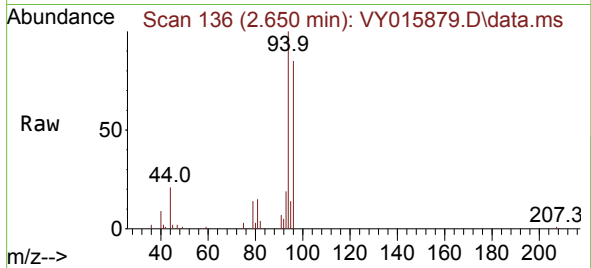




#5  
Bromomethane  
Concen: 10.410 ug/l  
RT: 2.650 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

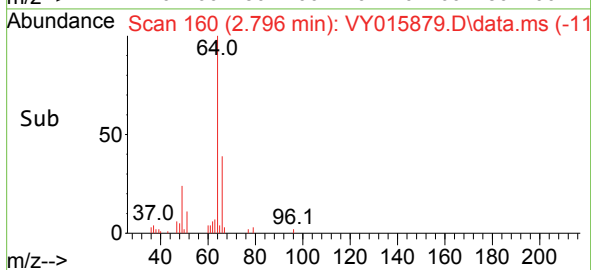
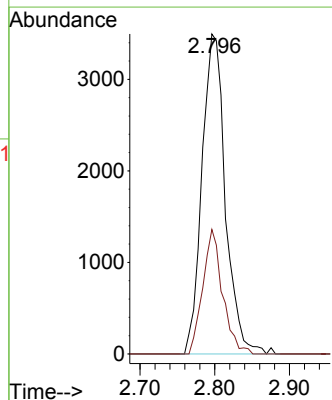
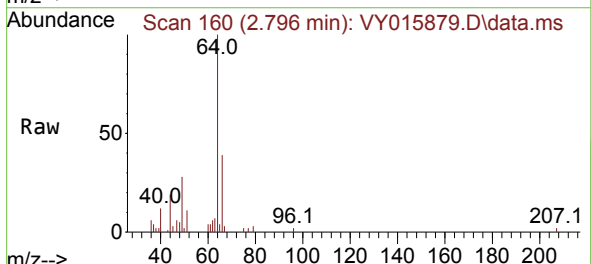
Instrument :  
MSVOA\_Y  
ClientSampleId :

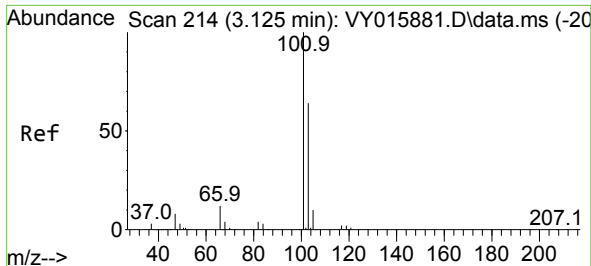
Tgt Ion: 94 Resp: 8552  
Ion Ratio Lower Upper  
94 100  
96 85.1 75.8 113.6



#6  
Chloroethane  
Concen: 9.672 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

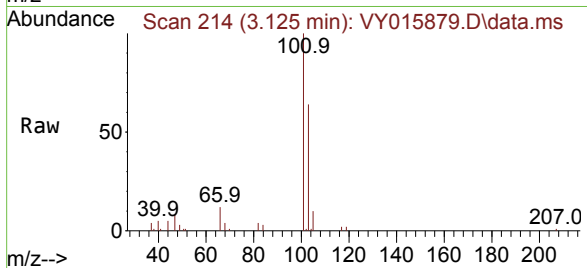
Tgt Ion: 64 Resp: 7609  
Ion Ratio Lower Upper  
64 100  
66 38.9 24.4 36.6#



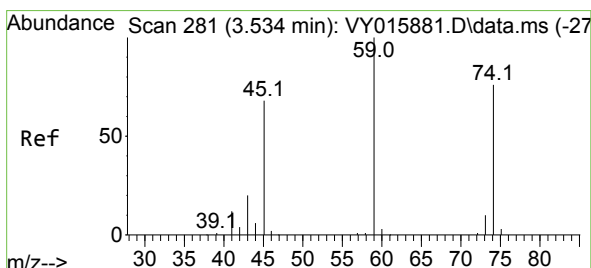
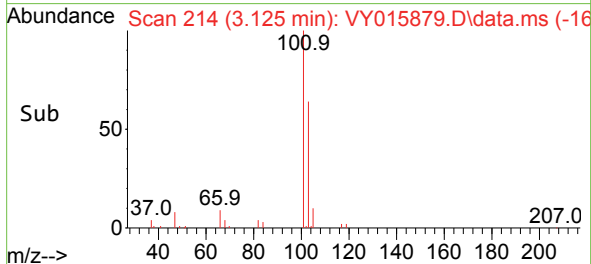
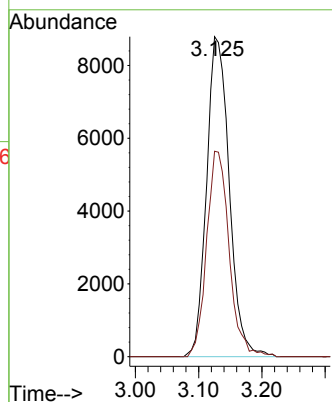


#7  
 Trichlorofluoromethane  
 Concen: 10.304 ug/l  
 RT: 3.125 min Scan# 214  
 Delta R.T. 0.000 min  
 Lab File: VY015879.D  
 Acq: 09 Oct 2023 13:59

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

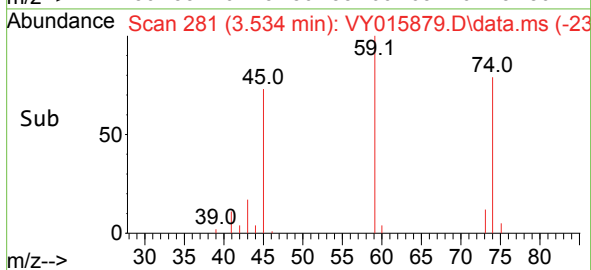
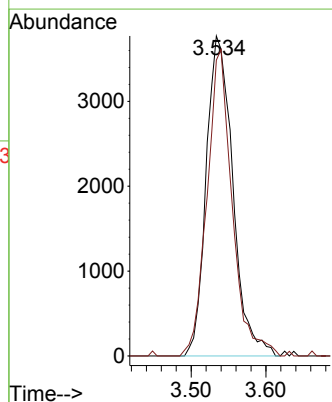
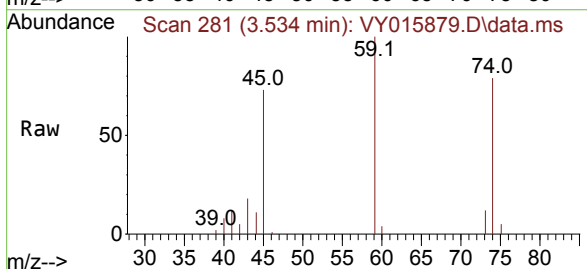


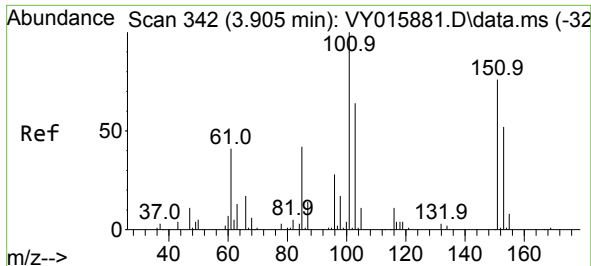
Tgt Ion:101 Resp: 21904  
 Ion Ratio Lower Upper  
 101 100  
 103 64.2 51.4 77.0



#8  
 Diethyl Ether  
 Concen: 10.363 ug/l  
 RT: 3.534 min Scan# 281  
 Delta R.T. 0.000 min  
 Lab File: VY015879.D  
 Acq: 09 Oct 2023 13:59

Tgt Ion: 74 Resp: 9320  
 Ion Ratio Lower Upper  
 74 100  
 45 90.6 51.5 154.5

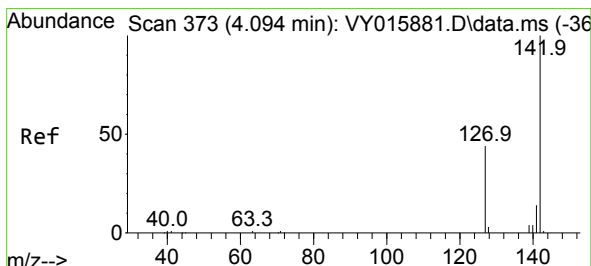
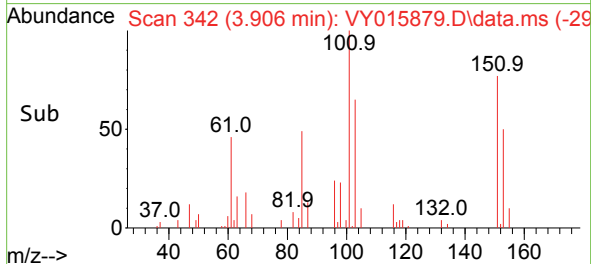
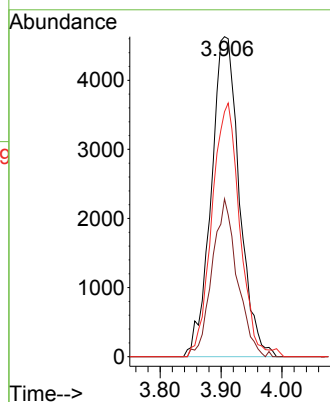
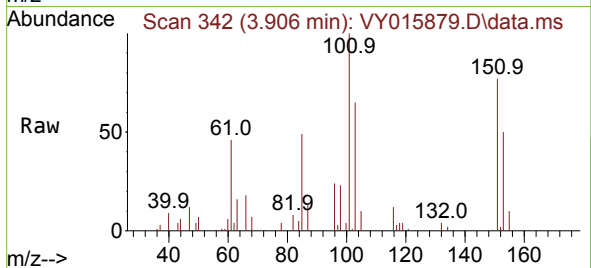




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 10.326 ug/l  
 RT: 3.906 min Scan# 34  
 Delta R.T. 0.000 min  
 Lab File: VY015879.D  
 Acq: 09 Oct 2023 13:59

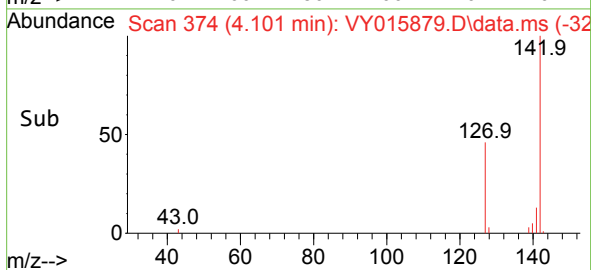
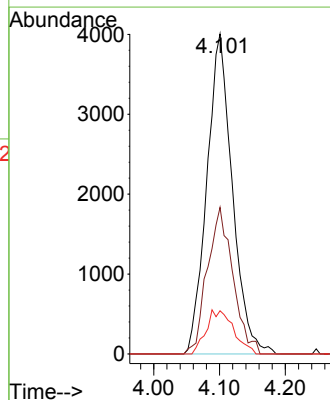
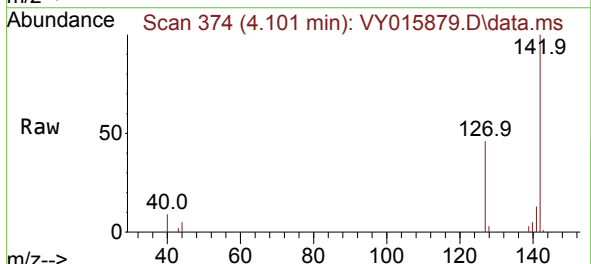
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

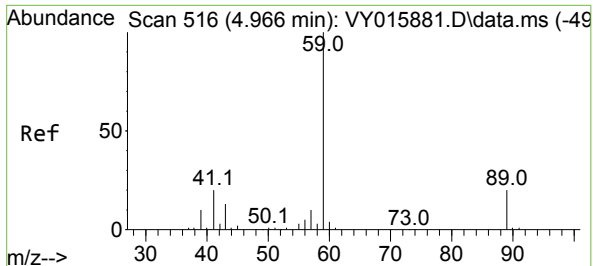
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 14897 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 43.9  | 36.6  | 55.0  |
| 151      | 78.4  | 67.0  | 100.6 |



#10  
 Methyl Iodide  
 Concen: 9.389 ug/l  
 RT: 4.101 min Scan# 374  
 Delta R.T. 0.007 min  
 Lab File: VY015879.D  
 Acq: 09 Oct 2023 13:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 10810 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 45.9  | 37.6  | 56.4  |
| 141      | 14.7  | 11.8  | 17.8  |

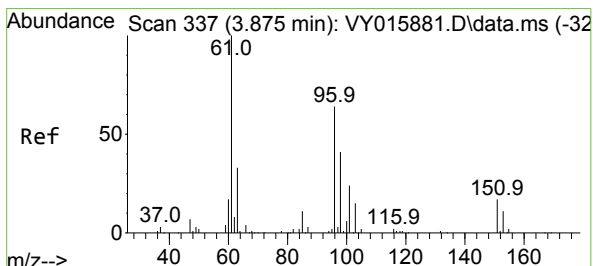
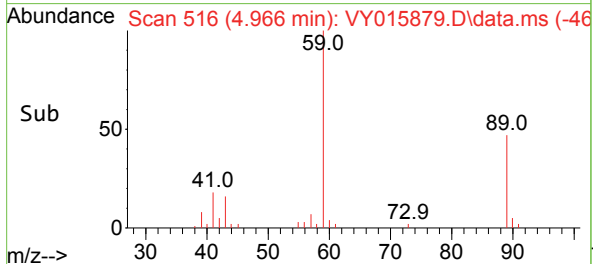
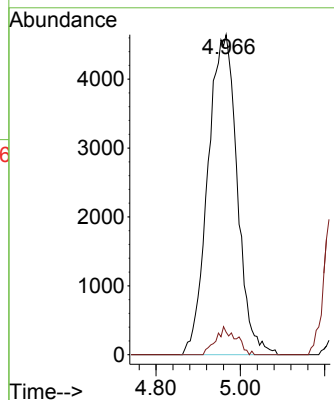
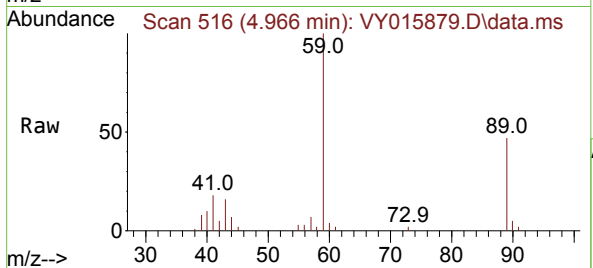




#11  
Tert butyl alcohol  
Concen: 57.534 ug/l  
RT: 4.966 min Scan# 516  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

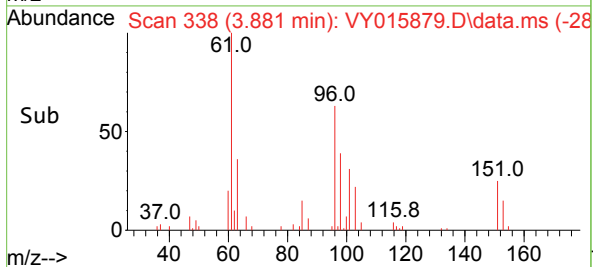
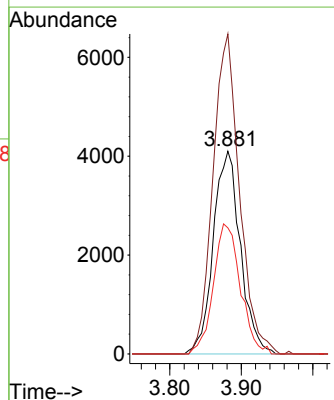
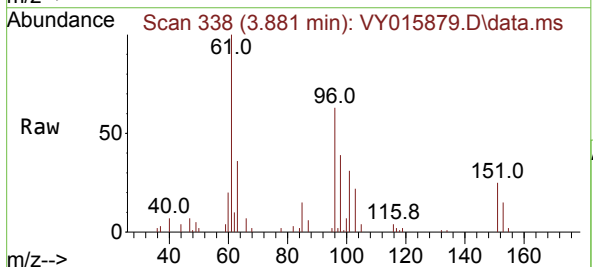
Instrument :  
MSVOA\_Y  
ClientSampleId :

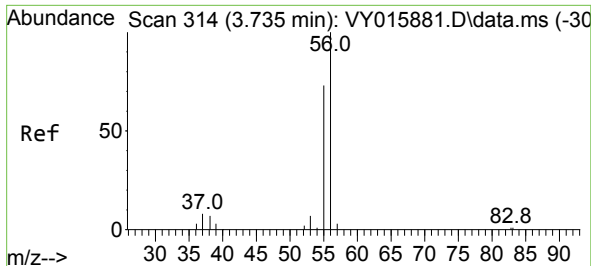
Tgt Ion: 59 Resp: 22388  
Ion Ratio Lower Upper  
59 100  
57 6.0 3.0 4.4#



#12  
1,1-Dichloroethene  
Concen: 9.720 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. 0.006 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

Tgt Ion: 96 Resp: 10786  
Ion Ratio Lower Upper  
96 100  
61 157.8 136.4 204.6  
98 62.2 49.4 74.2





#13

Acrolein

Concen: 50.070 ug/l

RT: 3.741 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

Instrument :

MSVOA\_Y

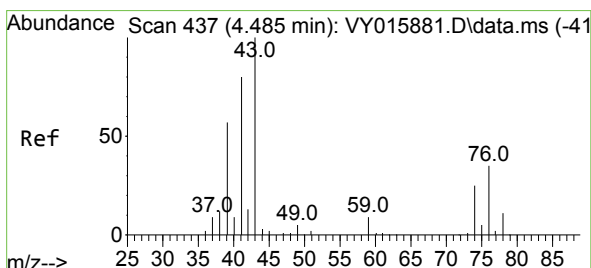
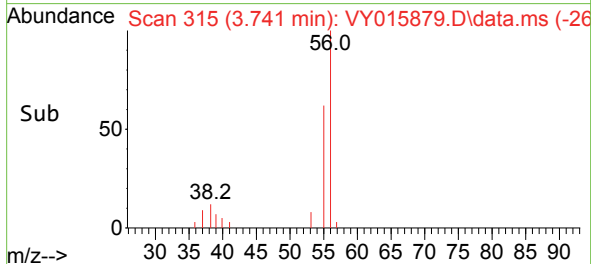
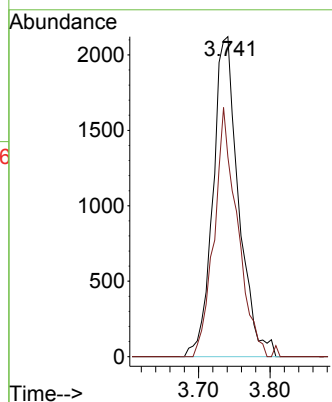
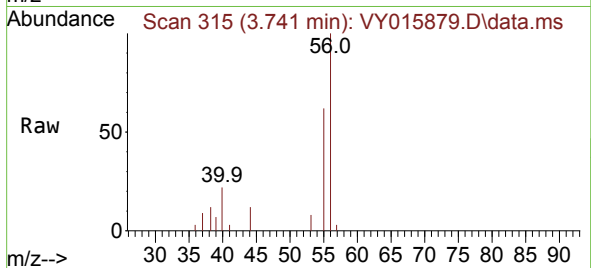
ClientSampleId :

Tgt Ion: 56 Resp: 5287

Ion Ratio Lower Upper

56 100

55 70.3 57.0 85.4



#14

Allyl chloride

Concen: 9.369 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

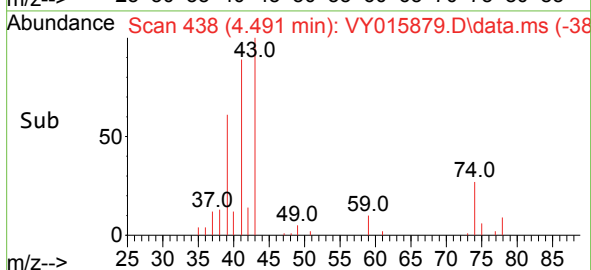
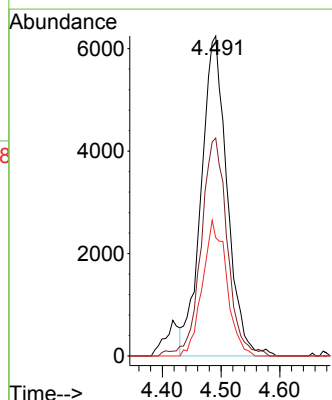
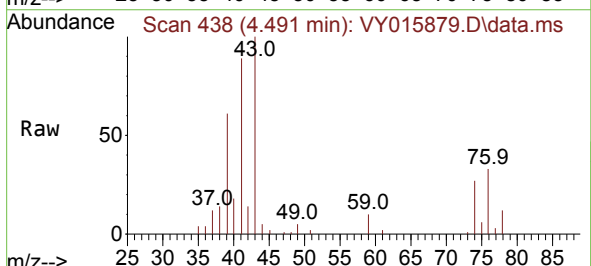
Tgt Ion: 41 Resp: 19169

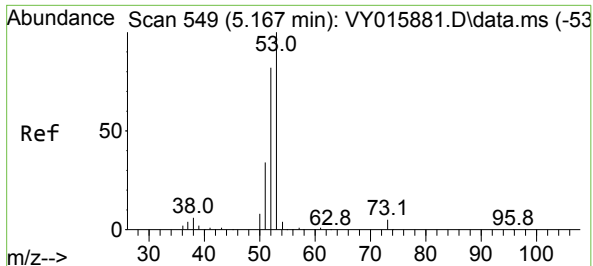
Ion Ratio Lower Upper

41 100

39 68.7 58.0 87.0

76 39.5 27.4 41.2





#15

Acrylonitrile

Concen: 52.496 ug/l

RT: 5.174 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY015879.D

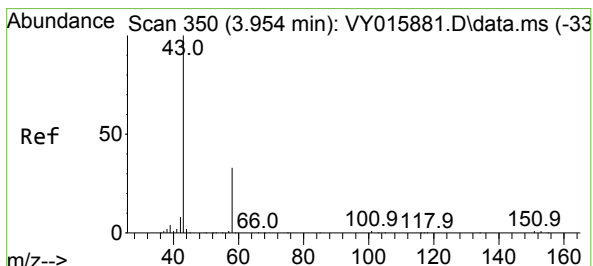
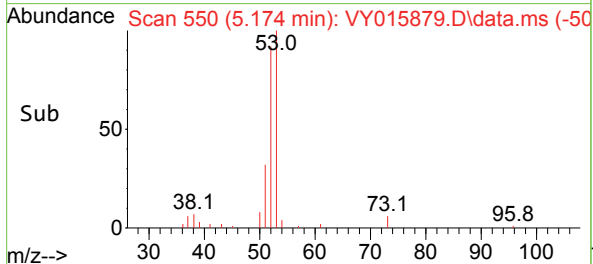
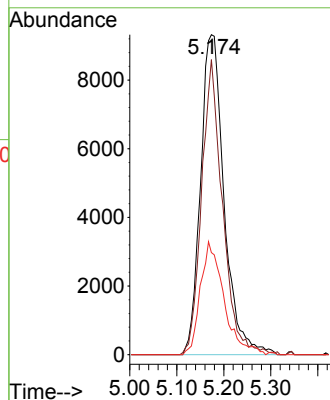
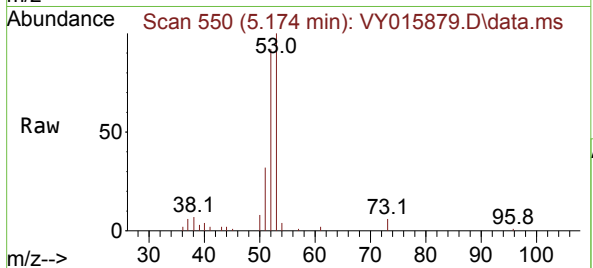
Acq: 09 Oct 2023 13:59

Instrument :

MSVOA\_Y

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 32466 |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 82.1     | 66.9 100.3  |
| 51 35.3     | 29.8 44.6   |



#16

Acetone

Concen: 54.175 ug/l

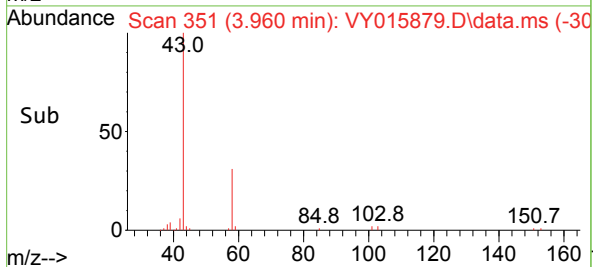
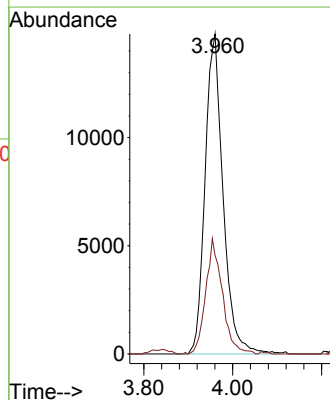
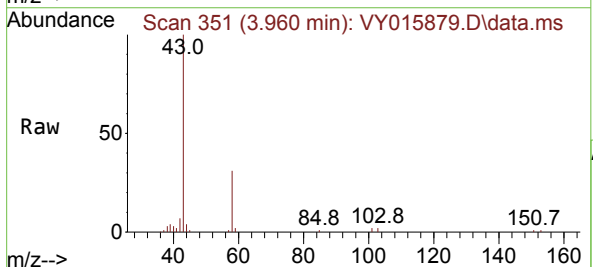
RT: 3.960 min Scan# 351

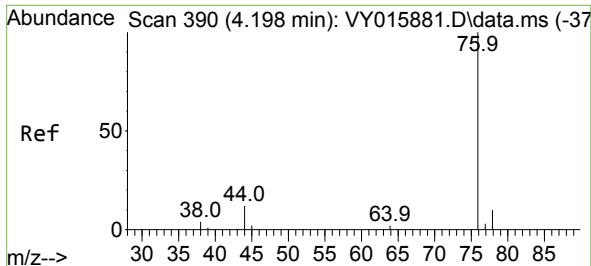
Delta R.T. 0.006 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

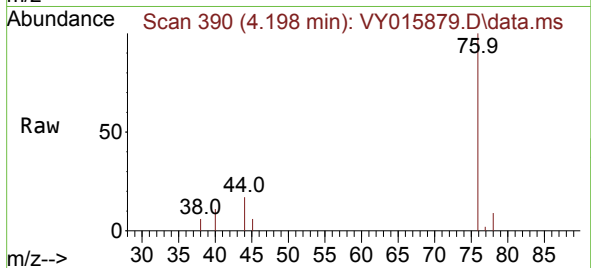
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 41672 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 30.7     | 22.7 34.1   |



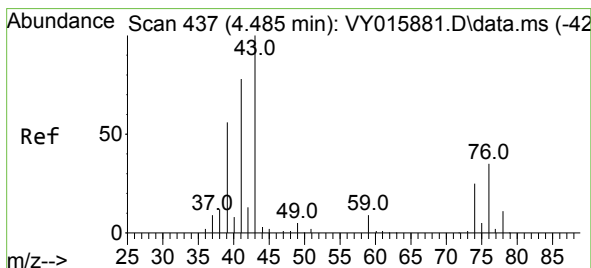
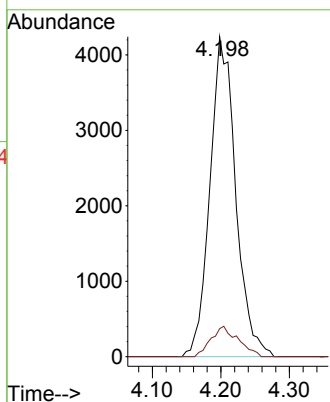
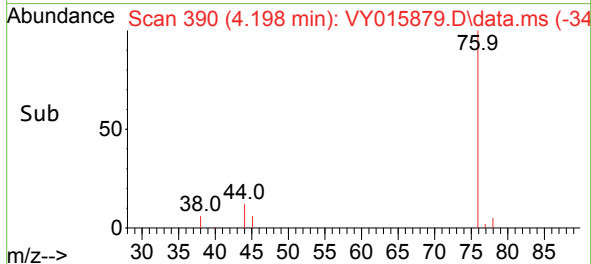


#17  
Carbon Disulfide  
Concen: 9.047 ug/l  
RT: 4.198 min Scan# 390  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

Instrument :  
MSVOA\_Y  
ClientSampleId :

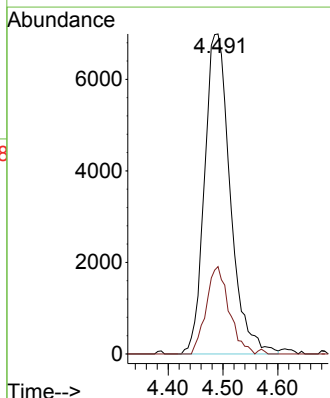
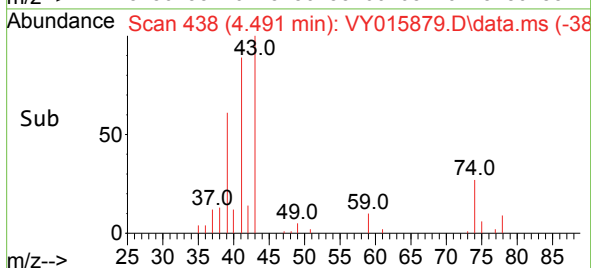
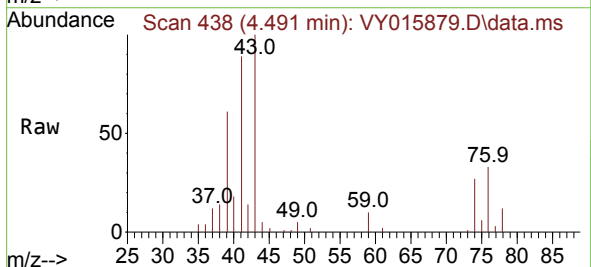


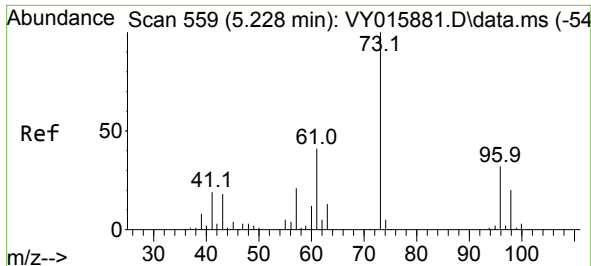
Tgt Ion: 76 Resp: 11088  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.0 10.4



#18  
Methyl Acetate  
Concen: 9.717 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. 0.006 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

Tgt Ion: 43 Resp: 22757  
Ion Ratio Lower Upper  
43 100  
74 24.3 17.4 26.0

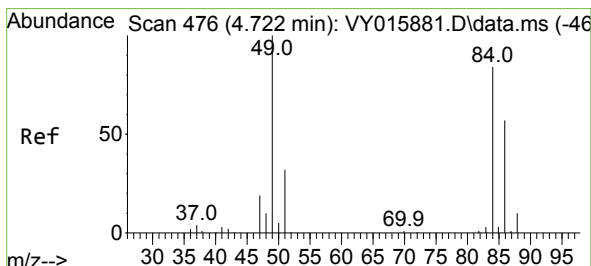
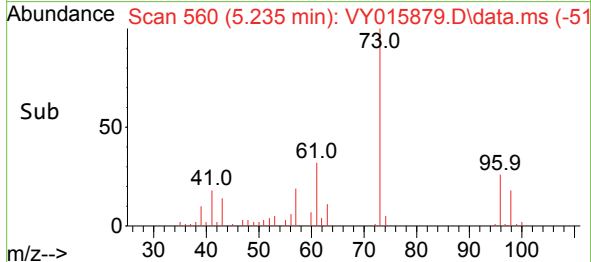
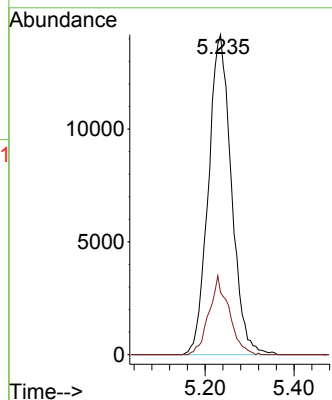
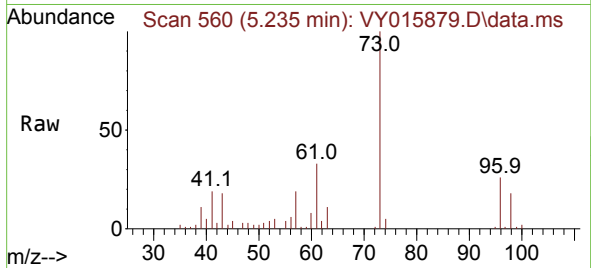




#19  
Methyl tert-butyl Ether  
Concen: 10.151 ug/l  
RT: 5.235 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

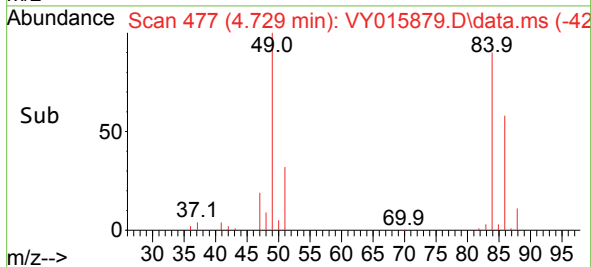
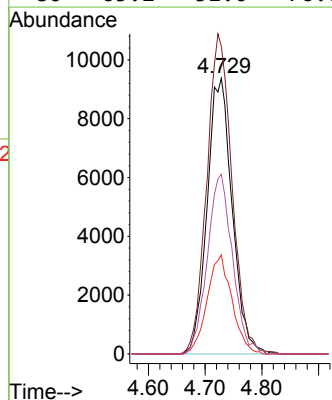
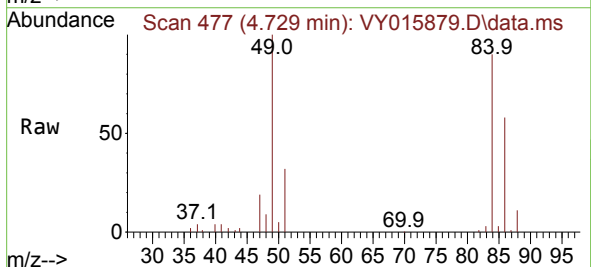
Instrument :  
MSVOA\_Y  
ClientSampleId :

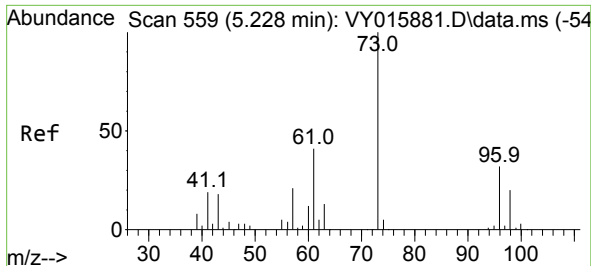
Tgt Ion: 73 Resp: 51048  
Ion Ratio Lower Upper  
73 100  
57 19.5 17.3 25.9



#20  
Methylene Chloride  
Concen: 8.092 ug/l  
RT: 4.729 min Scan# 477  
Delta R.T. 0.007 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

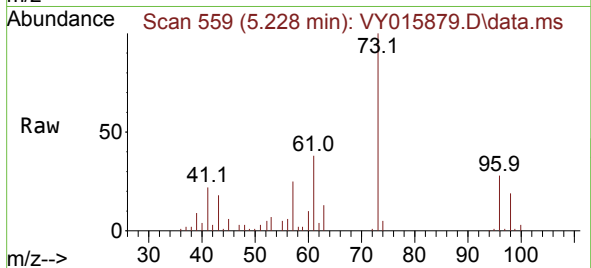
Tgt Ion: 84 Resp: 28747  
Ion Ratio Lower Upper  
84 100  
49 111.6 106.9 160.3  
51 35.9 33.2 49.8  
86 65.2 51.0 76.6



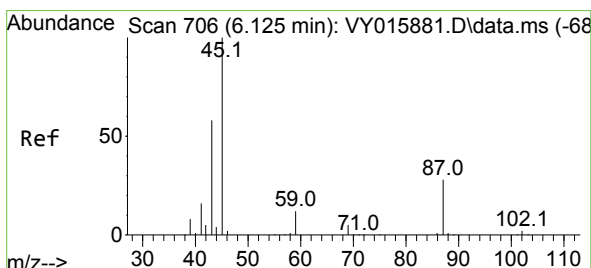
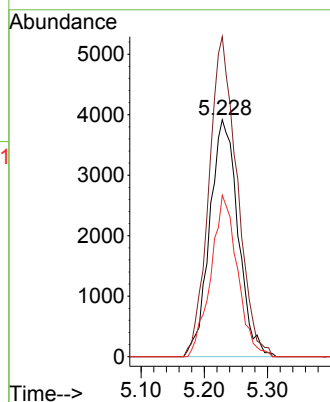
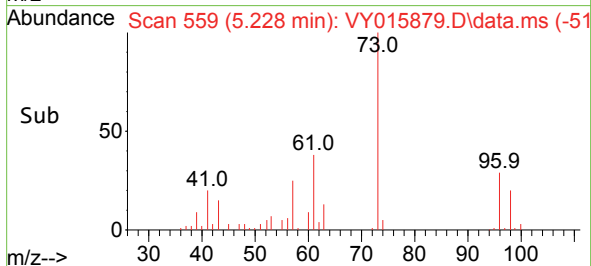


#21  
trans-1,2-Dichloroethene  
Concen: 9.477 ug/l  
RT: 5.228 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

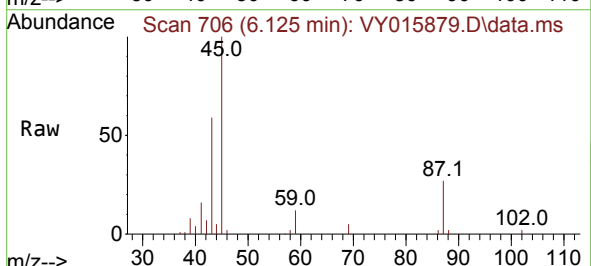
Instrument :  
MSVOA\_Y  
ClientSampleId :



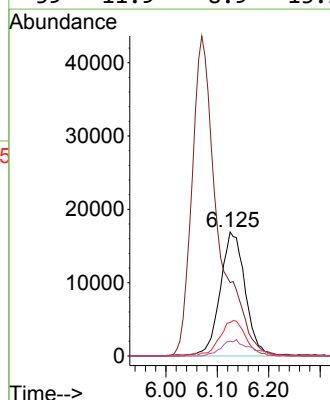
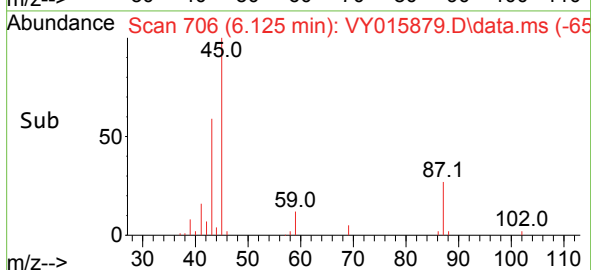
Tgt Ion: 96 Resp: 12203  
Ion Ratio Lower Upper  
96 100  
61 135.1 110.2 165.4  
98 68.2 51.8 77.6

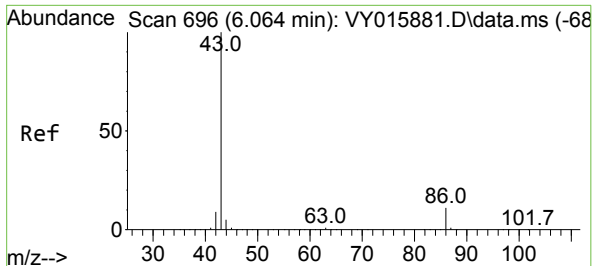


#22  
Diisopropyl ether  
Concen: 10.421 ug/l  
RT: 6.125 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59



Tgt Ion: 45 Resp: 57029  
Ion Ratio Lower Upper  
45 100  
43 58.0 52.2 78.4  
87 27.0 21.0 31.6  
59 11.9 8.9 13.3

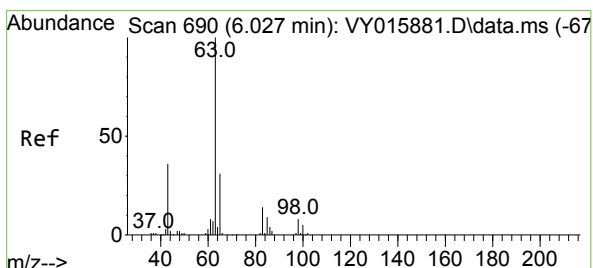
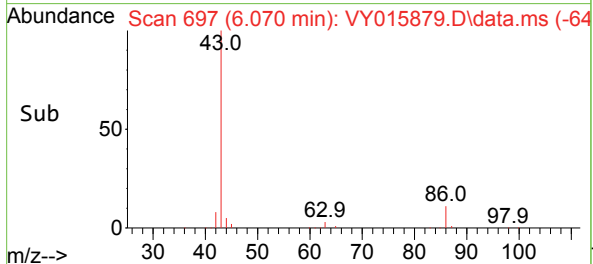
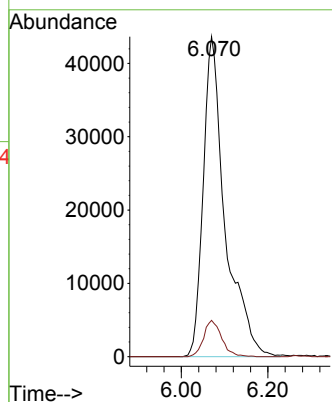
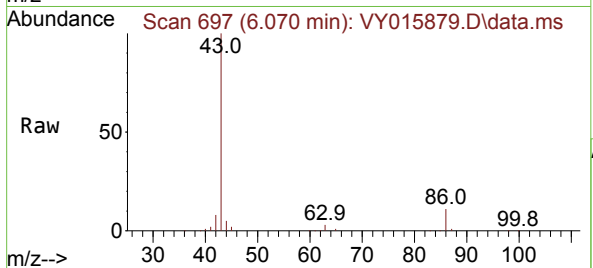




#23  
 Vinyl Acetate  
 Concen: 50.945 ug/l  
 RT: 6.070 min Scan# 697  
 Delta R.T. 0.006 min  
 Lab File: VY015879.D  
 Acq: 09 Oct 2023 13:59

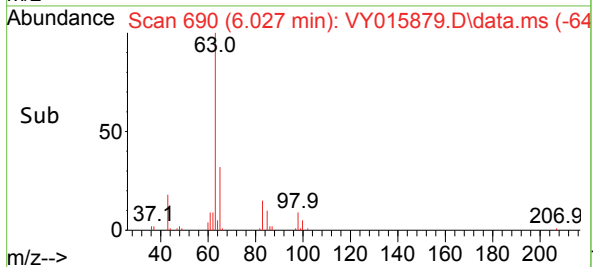
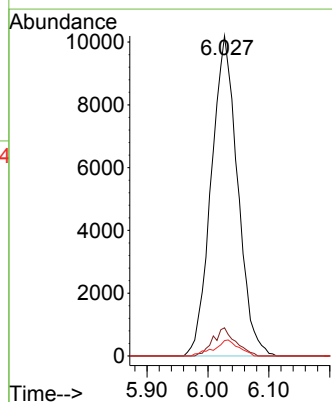
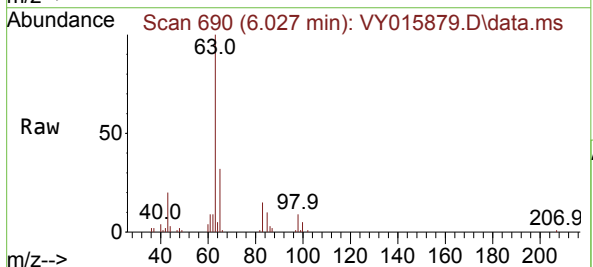
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

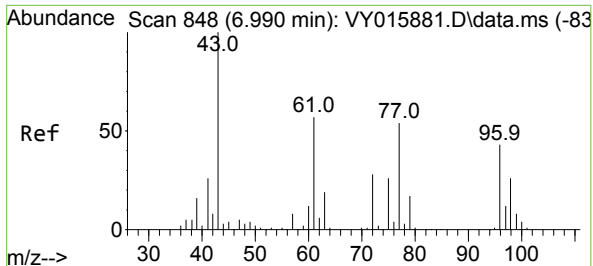
Tgt Ion: 43 Resp: 153310  
 Ion Ratio Lower Upper  
 43 100  
 86 11.3 7.5 11.3#



#24  
 1,1-Dichloroethane  
 Concen: 10.180 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. 0.000 min  
 Lab File: VY015879.D  
 Acq: 09 Oct 2023 13:59

Tgt Ion: 63 Resp: 30688  
 Ion Ratio Lower Upper  
 63 100  
 98 8.8 3.1 9.4  
 100 4.8 1.8 5.5

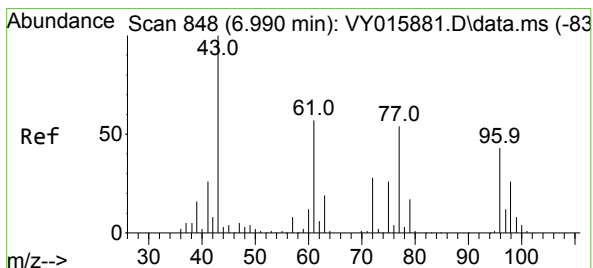
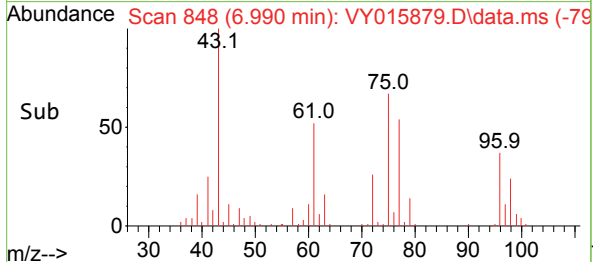
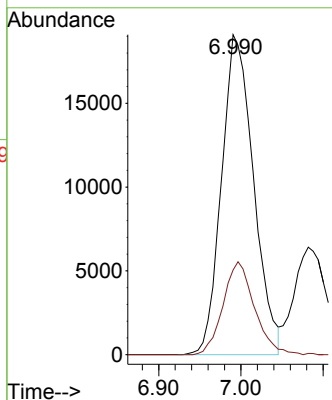
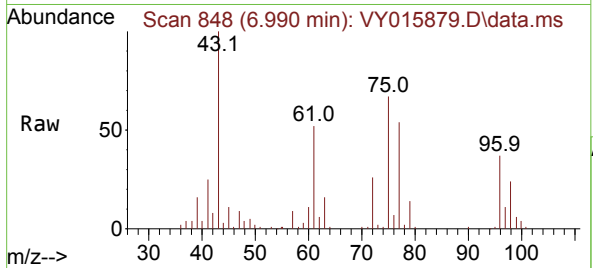




#25  
2-Butanone  
Concen: 54.521 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

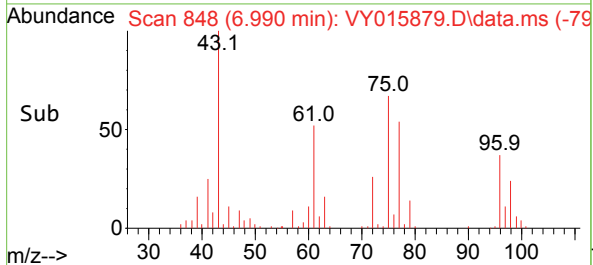
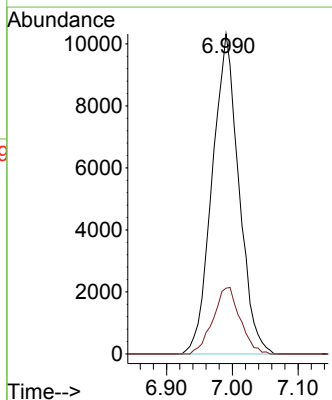
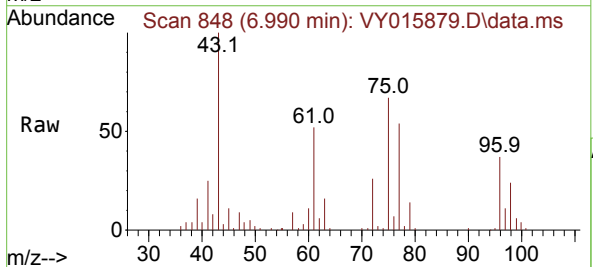
Instrument :  
MSVOA\_Y  
ClientSampleId :

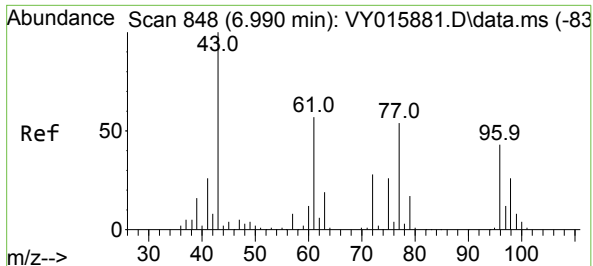
Tgt Ion: 43 Resp: 51670  
Ion Ratio Lower Upper  
43 100  
72 26.5 20.5 30.7



#26  
2,2-Dichloropropane  
Concen: 10.376 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

Tgt Ion: 77 Resp: 29090  
Ion Ratio Lower Upper  
77 100  
97 21.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 10.258 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

Instrument :

MSVOA\_Y

ClientSampleId :

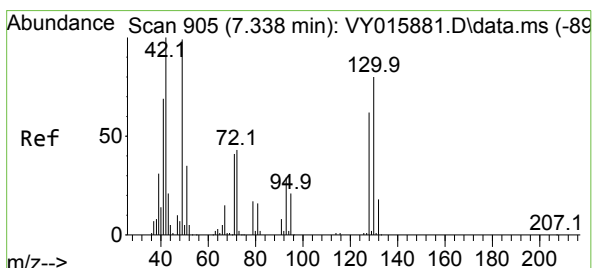
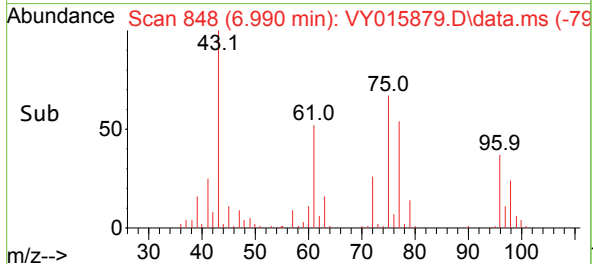
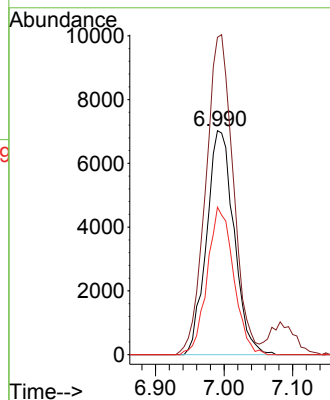
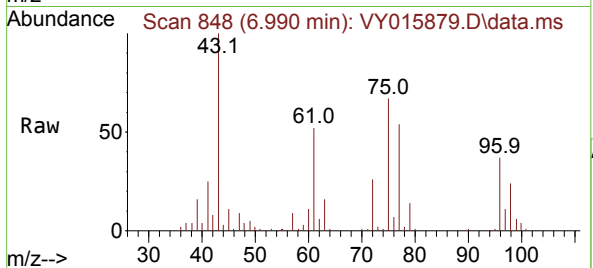
Tgt Ion: 96 Resp: 19495

Ion Ratio Lower Upper

96 100

61 143.6 0.0 301.4

98 63.4 0.0 130.4



#28

Bromochloromethane

Concen: 10.344 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

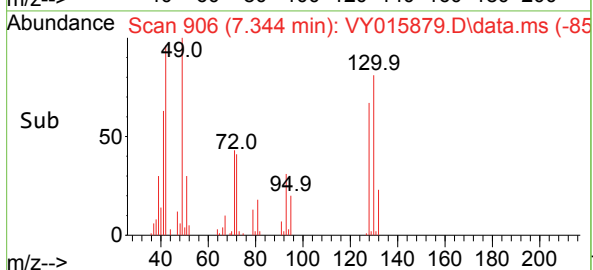
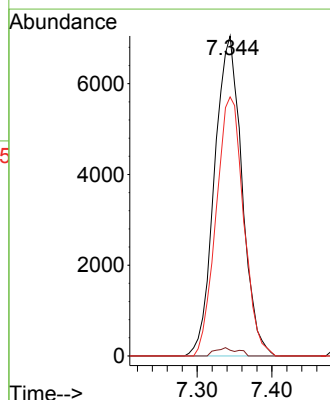
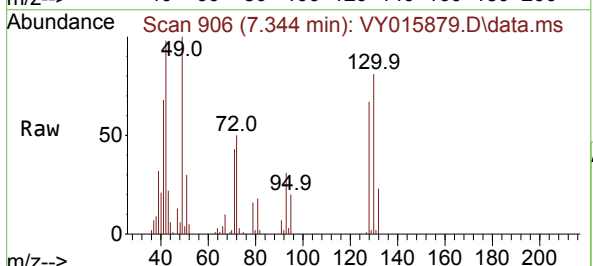
Tgt Ion: 49 Resp: 17972

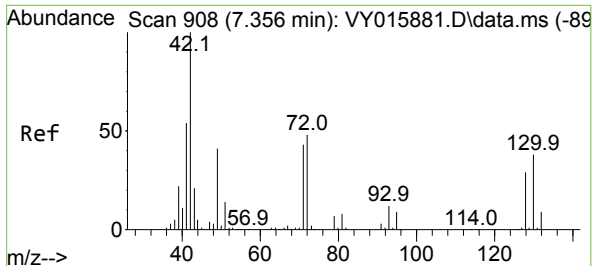
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 81.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 50.738 ug/l

RT: 7.362 min Scan# 908

Delta R.T. 0.006 min

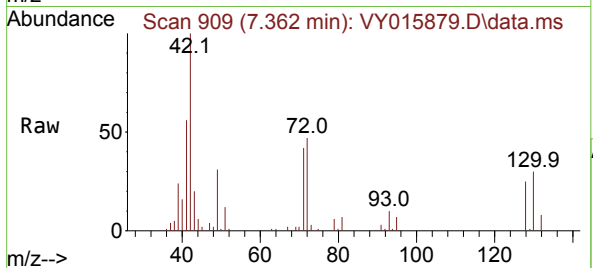
Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

Instrument :

MSVOA\_Y

ClientSampleId :



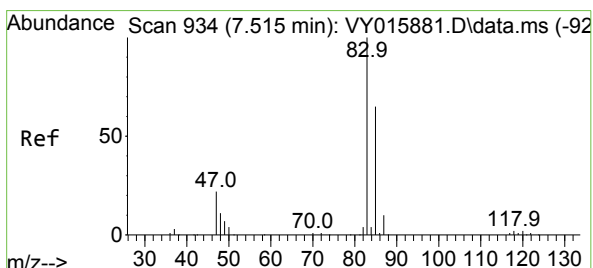
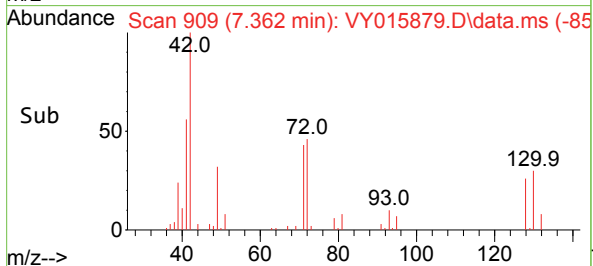
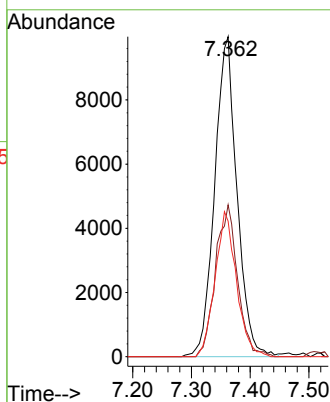
Tgt Ion: 42 Resp: 26305

Ion Ratio Lower Upper

42 100

72 47.0 32.8 49.2

71 43.5 31.0 46.4



#30

Chloroform

Concen: 10.390 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY015879.D

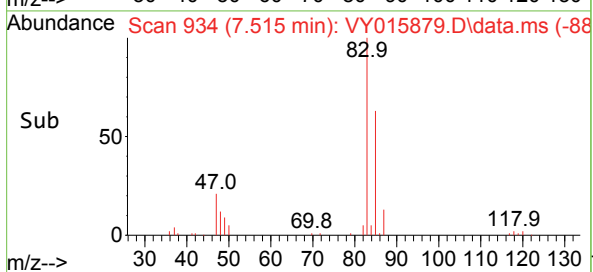
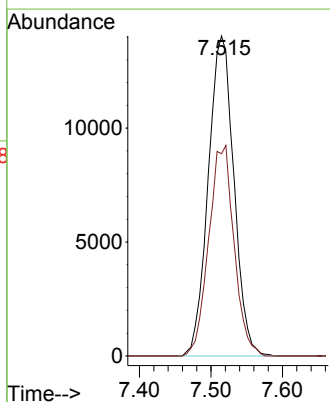
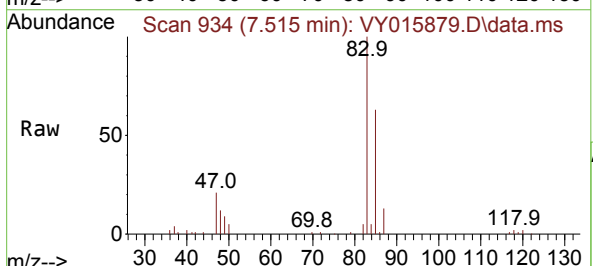
Acq: 09 Oct 2023 13:59

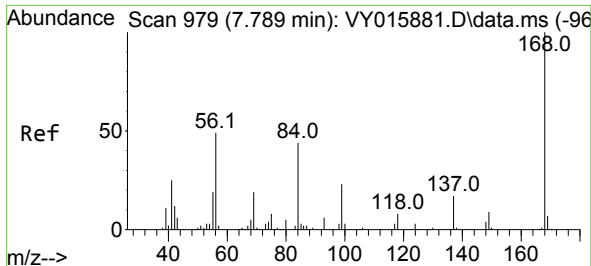
Tgt Ion: 83 Resp: 34936

Ion Ratio Lower Upper

83 100

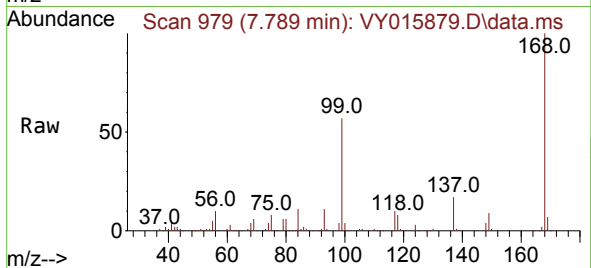
85 63.2 49.7 74.5



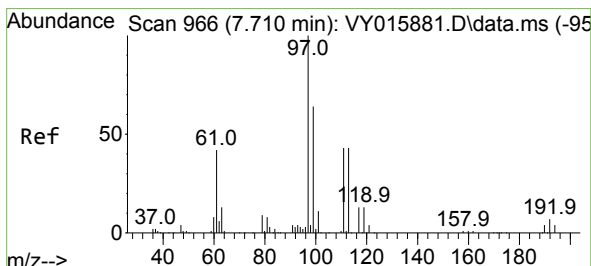
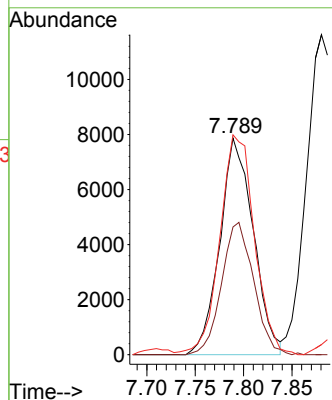
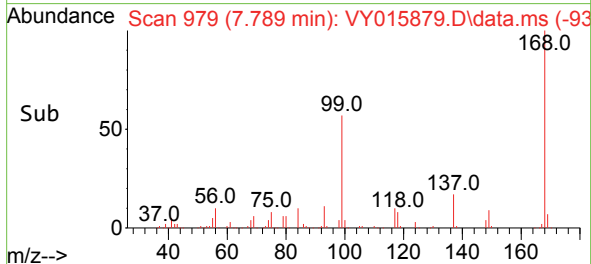


#31  
Cyclohexane  
Concen: 10.249 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

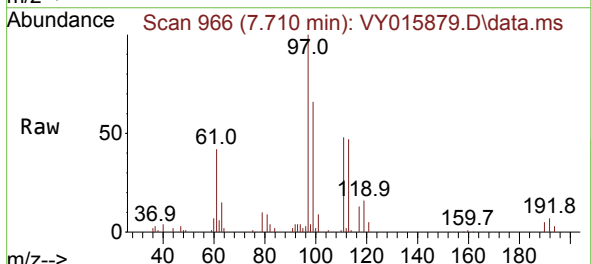
Instrument :  
MSVOA\_Y  
ClientSampleId :



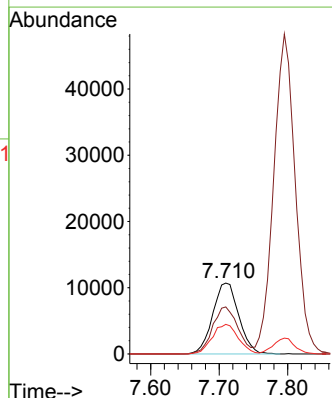
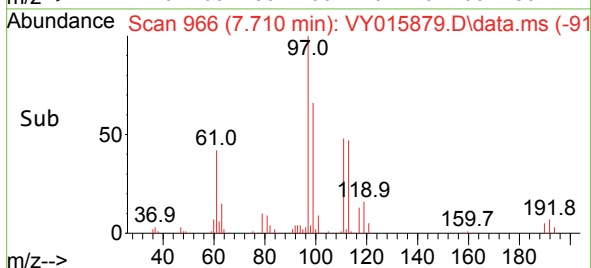
Tgt Ion: 56 Resp: 18964  
Ion Ratio Lower Upper  
56 100  
69 59.0 27.8 41.6#  
84 100.2 66.4 99.6#

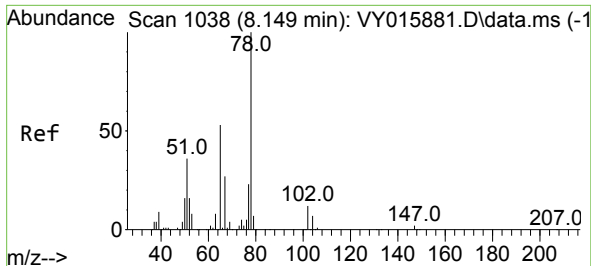


#32  
1,1,1-Trichloroethane  
Concen: 10.289 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59



Tgt Ion: 97 Resp: 28253  
Ion Ratio Lower Upper  
97 100  
99 64.2 50.8 76.2  
61 41.8 35.1 52.7

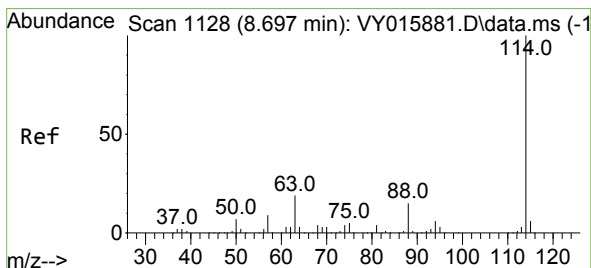
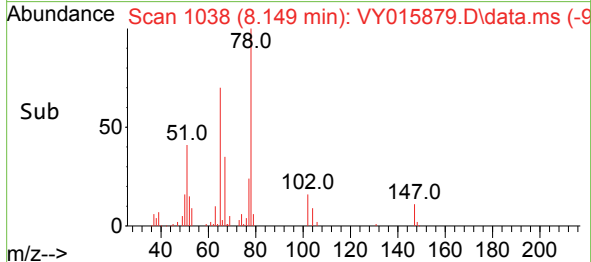
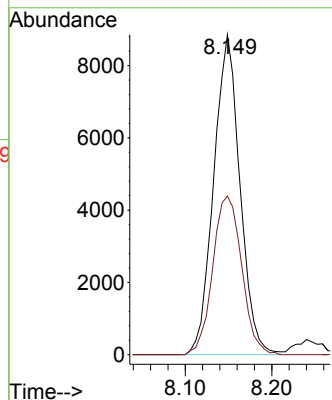
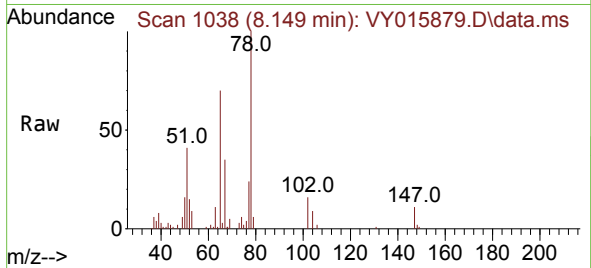




#33  
 1,2-Dichloroethane-d4  
 Concen: 10.799 ug/l  
 RT: 8.149 min Scan# 1038  
 Delta R.T. 0.000 min  
 Lab File: VY015879.D  
 Acq: 09 Oct 2023 13:59

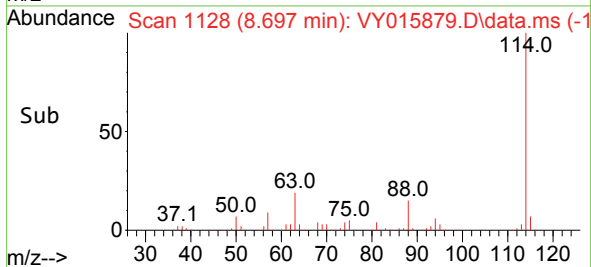
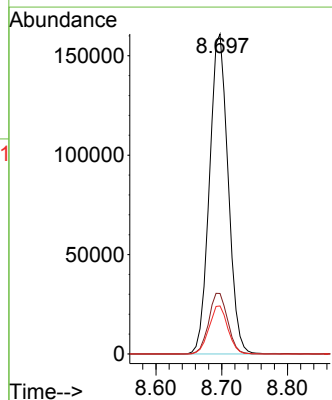
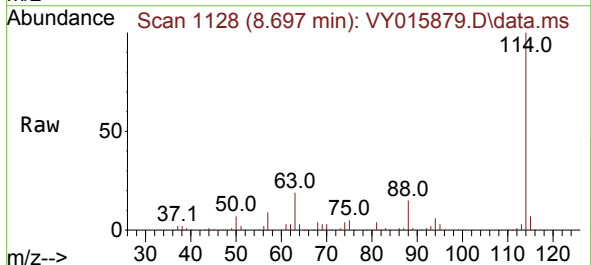
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

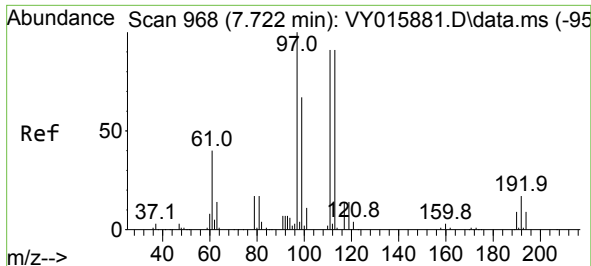
Tgt Ion: 65 Resp: 18656  
 Ion Ratio Lower Upper  
 65 100  
 67 54.6 0.0 101.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.697 min Scan# 1128  
 Delta R.T. 0.000 min  
 Lab File: VY015879.D  
 Acq: 09 Oct 2023 13:59

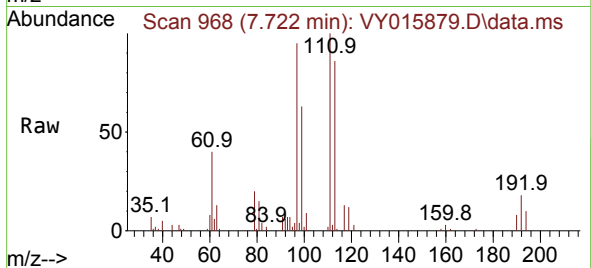
Tgt Ion:114 Resp: 317028  
 Ion Ratio Lower Upper  
 114 100  
 63 18.9 0.0 42.4  
 88 15.0 0.0 30.6



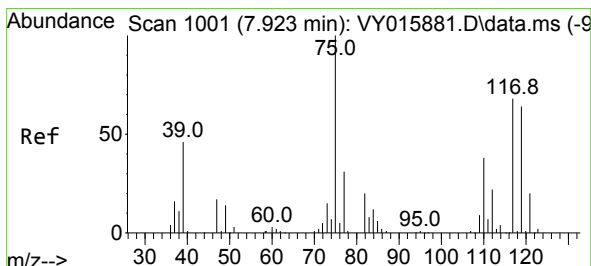
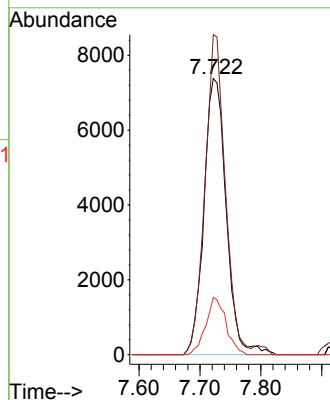
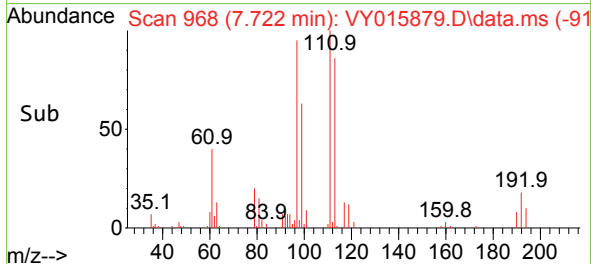


#35  
 Dibromofluoromethane  
 Concen: 10.615 ug/l  
 RT: 7.722 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VY015879.D  
 Acq: 09 Oct 2023 13:59

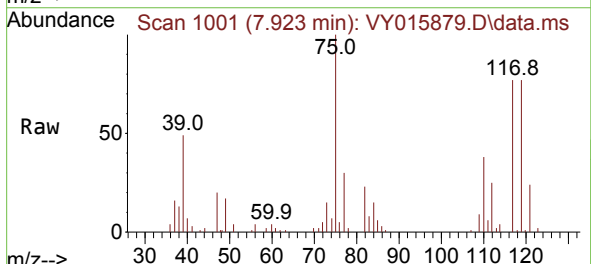
Instrument :  
 MSVOA\_Y  
 ClientSampleId :



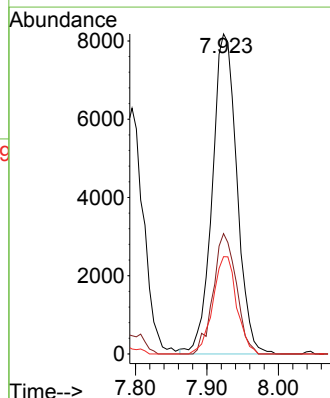
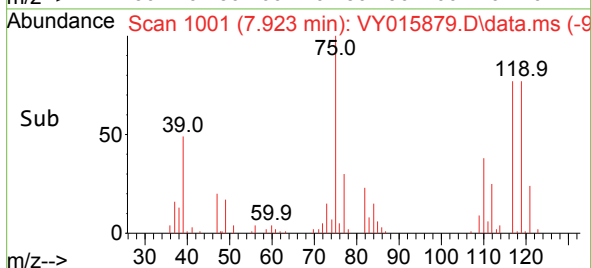
Tgt Ion:113 Resp: 18771  
 Ion Ratio Lower Upper  
 113 100  
 111 105.5 81.3 121.9  
 192 18.8 16.9 25.3

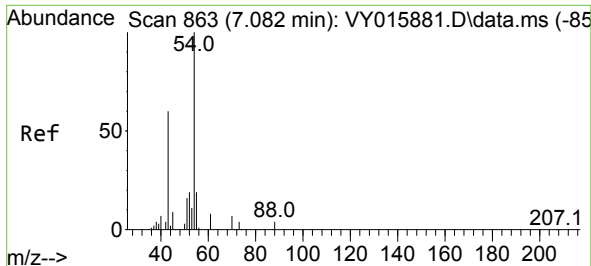


#36  
 1,1-Dichloropropene  
 Concen: 9.985 ug/l  
 RT: 7.923 min Scan# 1001  
 Delta R.T. 0.000 min  
 Lab File: VY015879.D  
 Acq: 09 Oct 2023 13:59



Tgt Ion: 75 Resp: 19554  
 Ion Ratio Lower Upper  
 75 100  
 110 35.2 17.8 53.5  
 77 29.3 24.4 36.6





#37

Ethyl Acetate

Concen: 10.803 ug/l

RT: 7.082 min Scan# 863

Delta R.T. 0.000 min

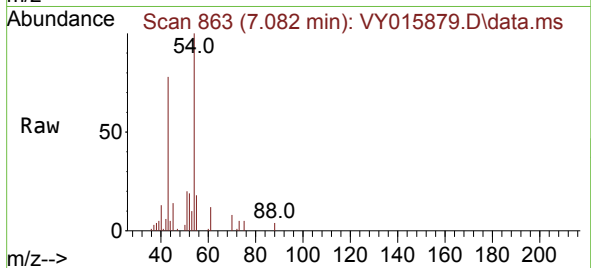
Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

Instrument :

MSVOA\_Y

ClientSampleId :



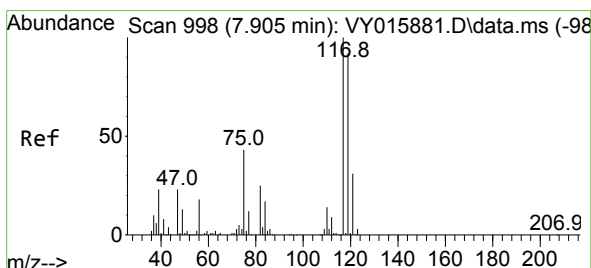
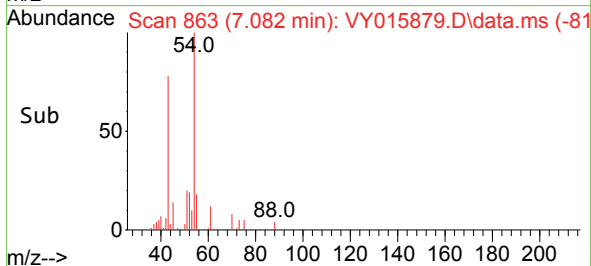
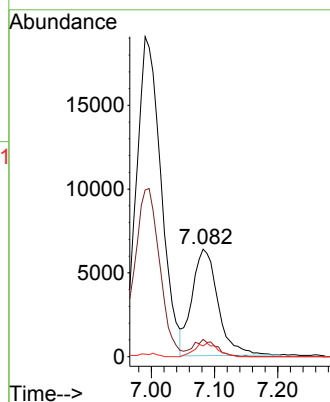
Tgt Ion: 43 Resp: 18171

Ion Ratio Lower Upper

43 100

61 14.5 10.1 15.1

70 11.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 10.043 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

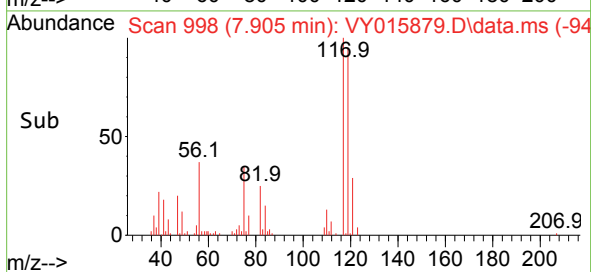
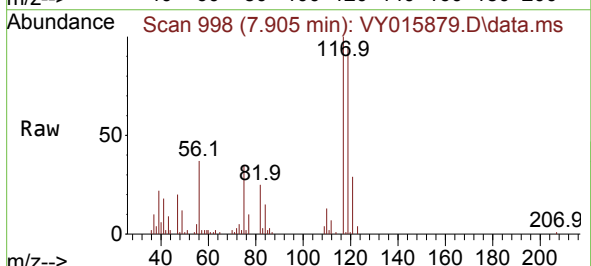
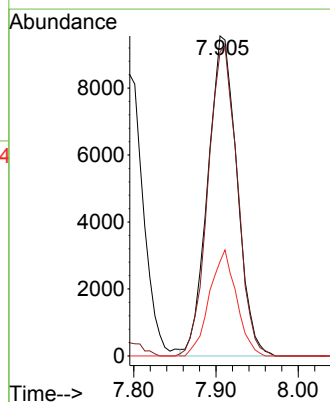
Tgt Ion: 117 Resp: 23621

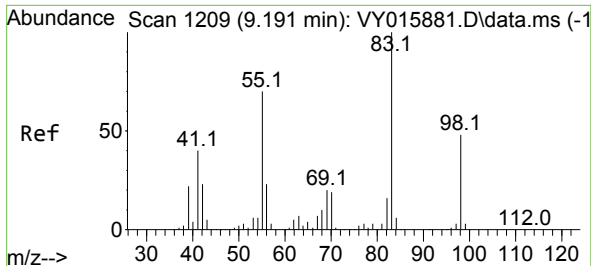
Ion Ratio Lower Upper

117 100

119 95.1 76.4 114.6

121 29.5 25.8 38.6





#39

Methylcyclohexane

Concen: 9.771 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

Instrument :

MSVOA\_Y

ClientSampleId :

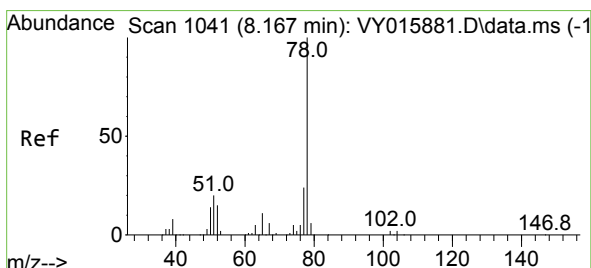
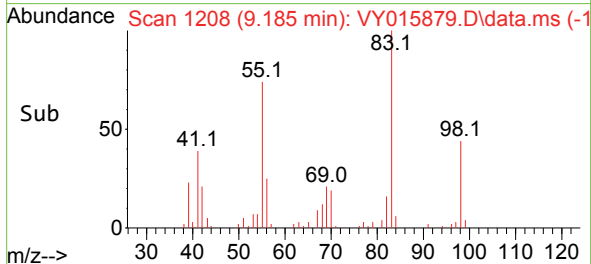
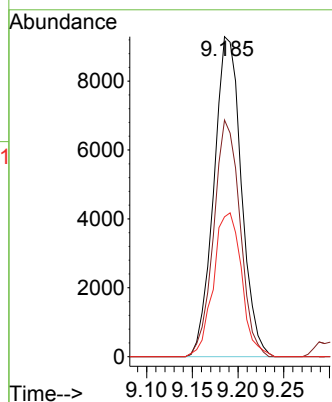
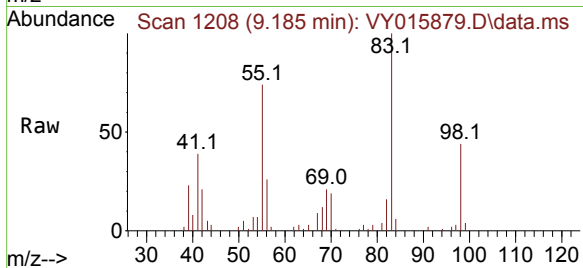
Tgt Ion: 83 Resp: 19437

Ion Ratio Lower Upper

83 100

55 73.9 63.0 94.4

98 43.7 37.4 56.2



#40

Benzene

Concen: 10.049 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY015879.D

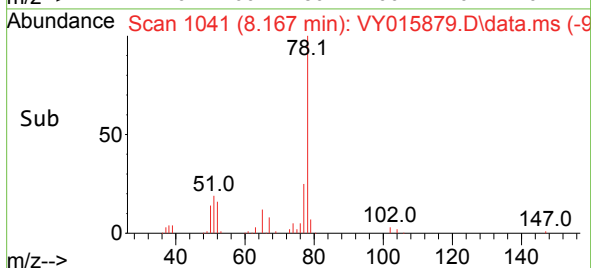
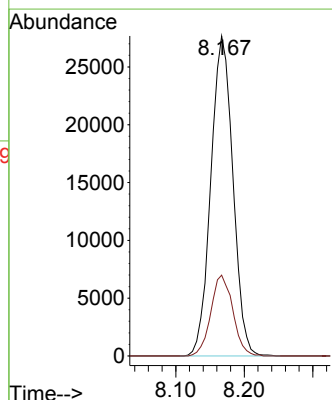
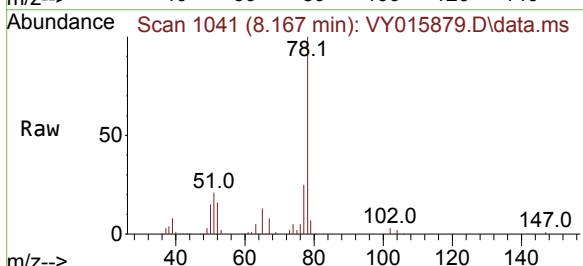
Acq: 09 Oct 2023 13:59

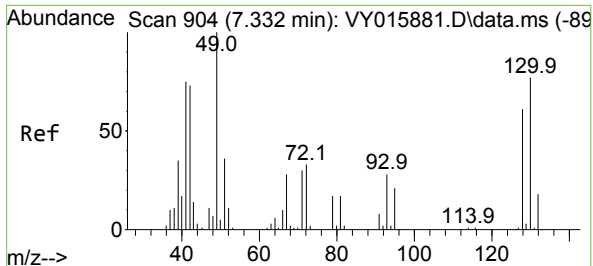
Tgt Ion: 78 Resp: 61847

Ion Ratio Lower Upper

78 100

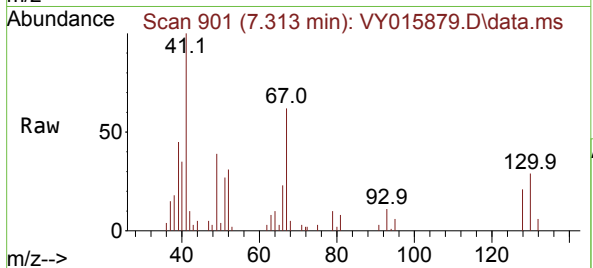
77 25.2 19.0 28.6



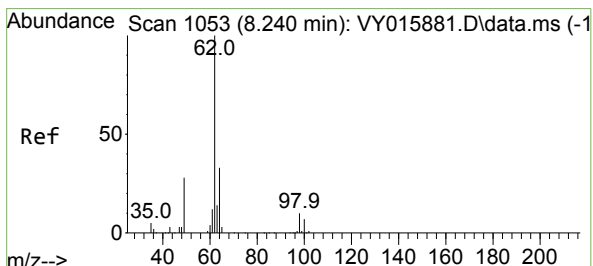
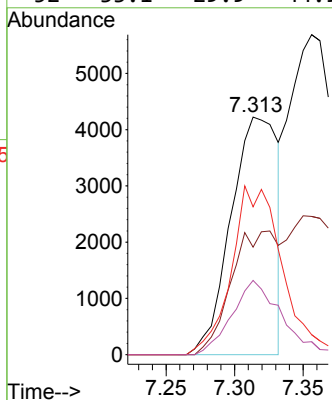
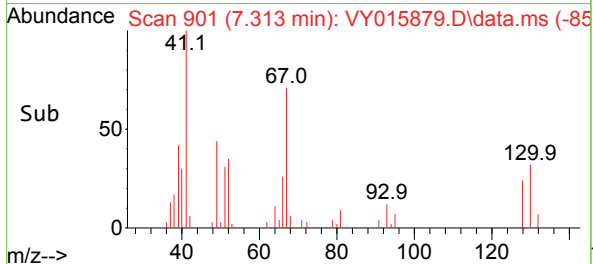


#41  
Methacrylonitrile  
Concen: 9.588 ug/l  
RT: 7.313 min Scan# 904  
Delta R.T. -0.018 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

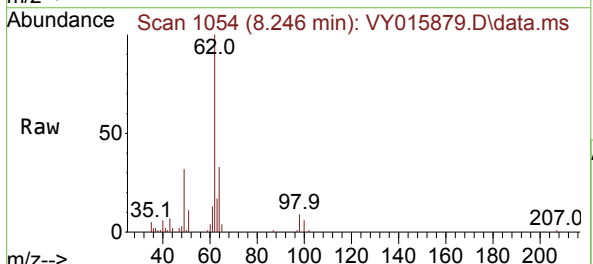
Instrument :  
MSVOA\_Y  
ClientSampleId :



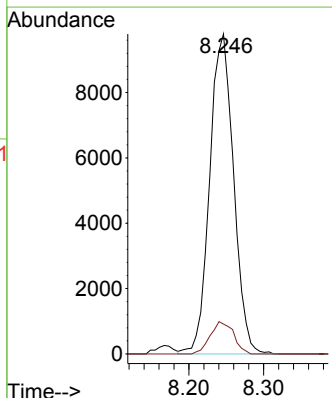
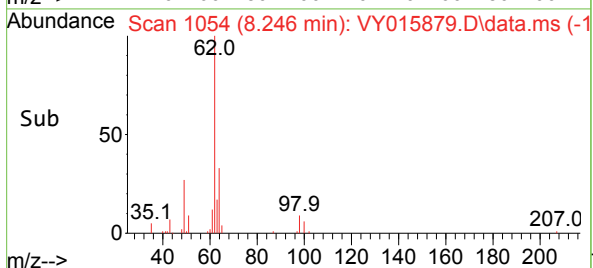
Tgt Ion: 41 Resp: 10024  
Ion Ratio Lower Upper  
41 100  
39 51.8 52.1 78.1#  
67 76.8 66.2 99.2  
52 33.1 29.9 44.9

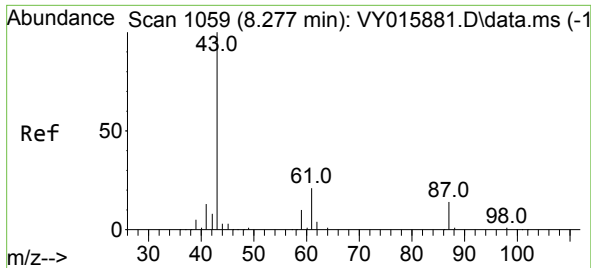


#42  
1,2-Dichloroethane  
Concen: 10.397 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. 0.006 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59



Tgt Ion: 62 Resp: 21812  
Ion Ratio Lower Upper  
62 100  
98 9.9 0.0 15.8

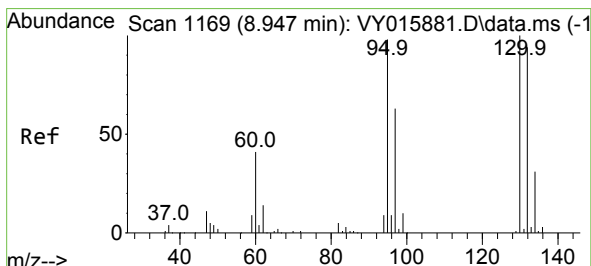
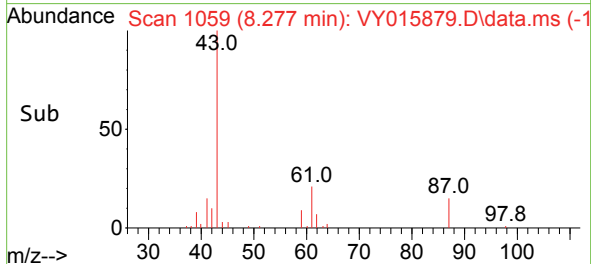
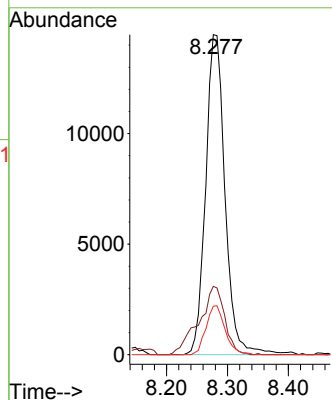
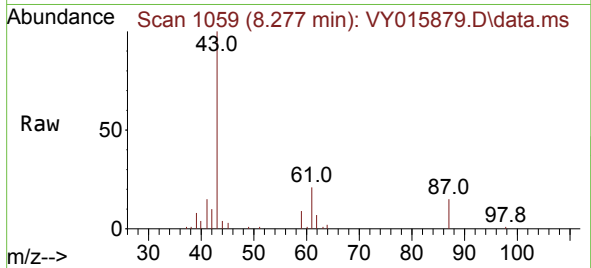




#43  
Isopropyl Acetate  
Concen: 10.261 ug/l  
RT: 8.277 min Scan# 1059  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

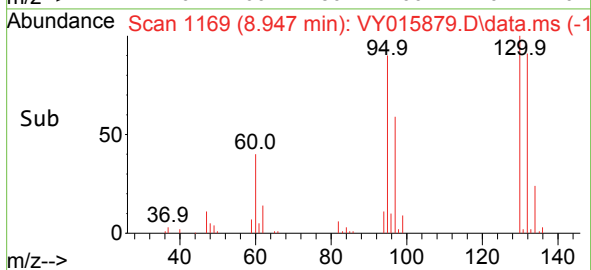
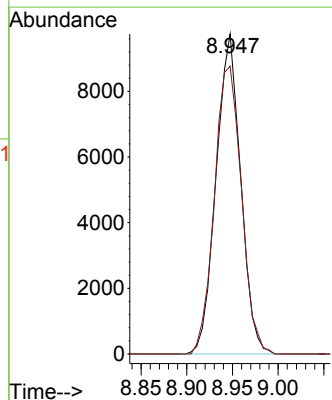
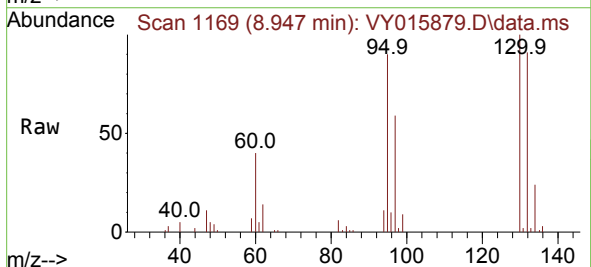
Instrument :  
MSVOA\_Y  
ClientSampleId :

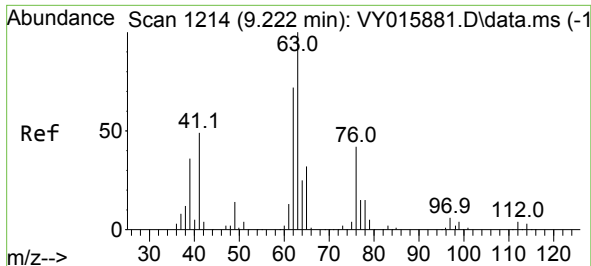
Tgt Ion: 43 Resp: 31946  
Ion Ratio Lower Upper  
43 100  
61 28.4 21.1 31.7  
87 15.1 9.8 14.8#



#44  
Trichloroethene  
Concen: 10.252 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

Tgt Ion:130 Resp: 18259  
Ion Ratio Lower Upper  
130 100  
95 89.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 10.416 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

Instrument :

MSVOA\_Y

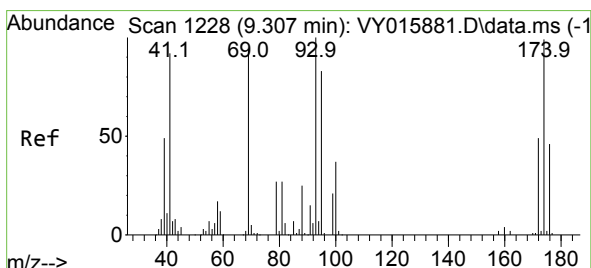
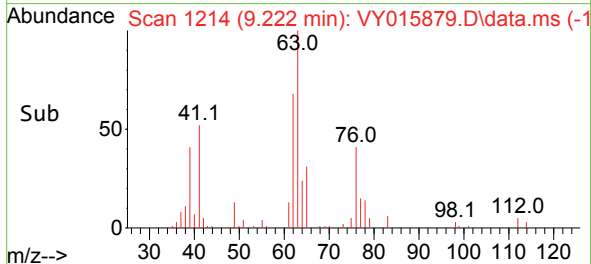
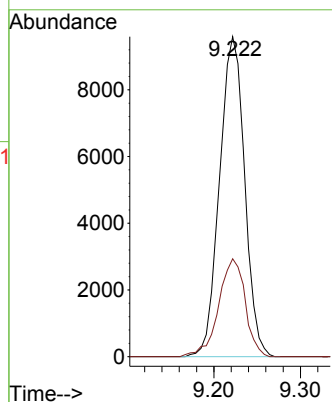
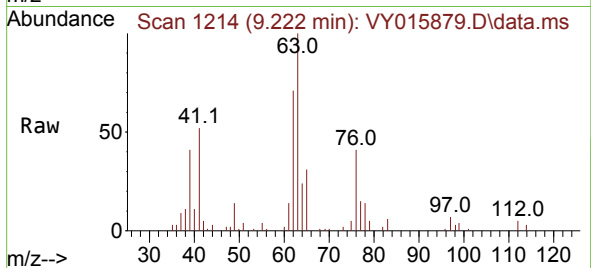
ClientSampleId :

Tgt Ion: 63 Resp: 19282

Ion Ratio Lower Upper

63 100

65 30.6 23.8 35.6



#46

Dibromomethane

Concen: 10.409 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

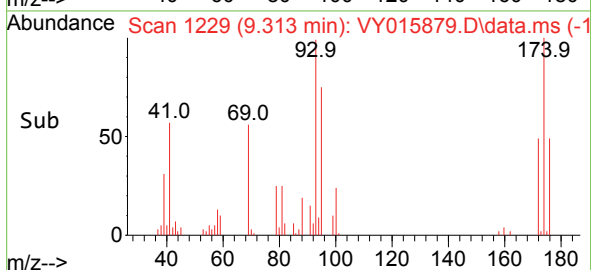
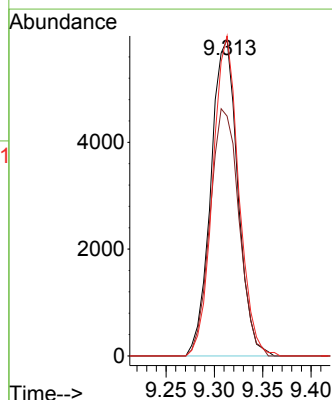
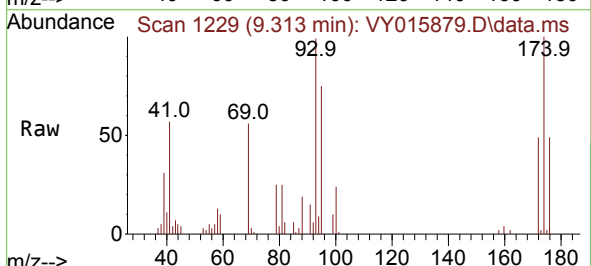
Tgt Ion: 93 Resp: 11467

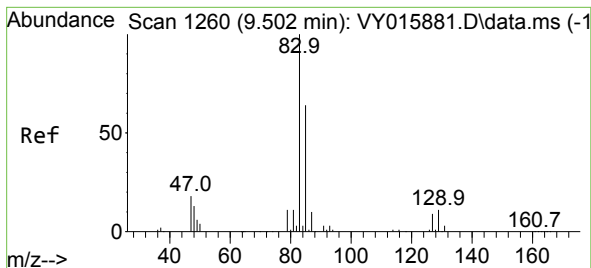
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

174 97.6 84.8 127.2





#47

Bromodichloromethane

Concen: 10.476 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.000 min

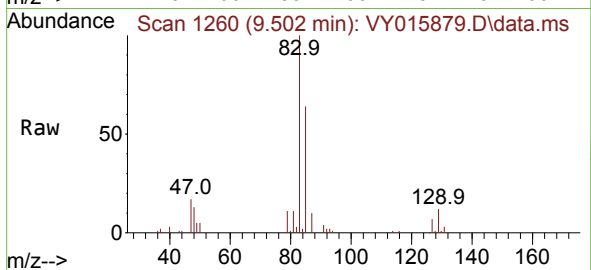
Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

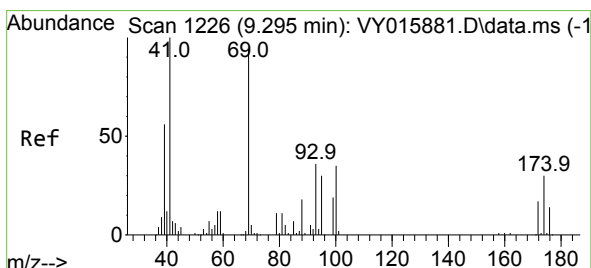
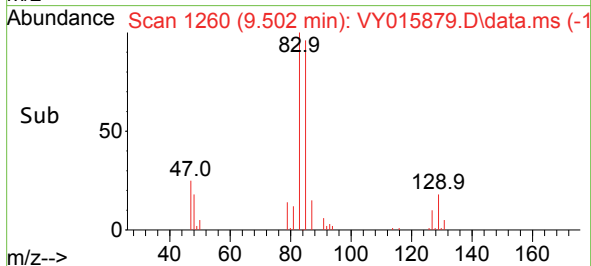
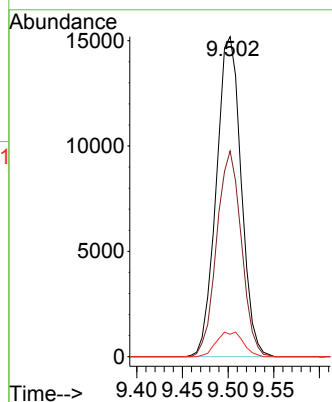
Instrument :

MSVOA\_Y

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 28704 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.3  | 50.1  | 75.1  |
| 127      | 7.0   | 7.1   | 10.7# |



#48

Methyl methacrylate

Concen: 10.088 ug/l

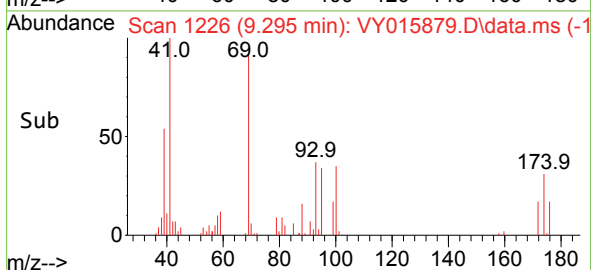
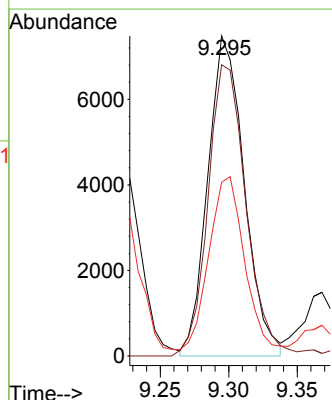
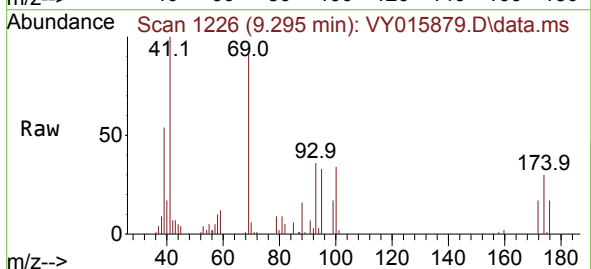
RT: 9.295 min Scan# 1226

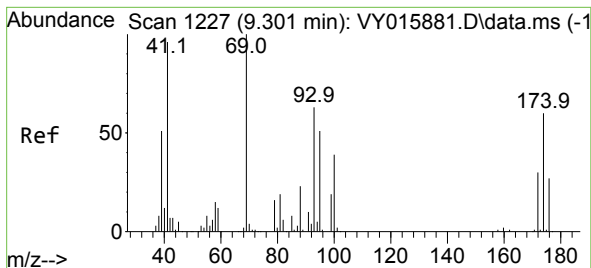
Delta R.T. 0.000 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 13871 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 95.8  | 64.5  | 96.7  |
| 39       | 55.5  | 50.8  | 76.2  |





#49

1,4-Dioxane

Concen: 195.923 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

Instrument :

MSVOA\_Y

ClientSampleId :

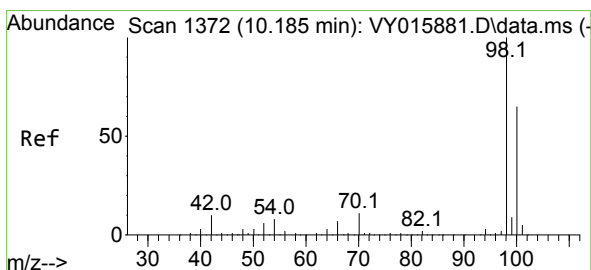
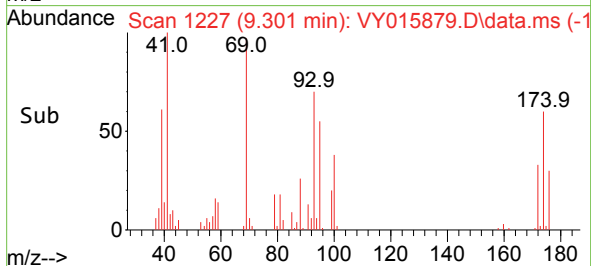
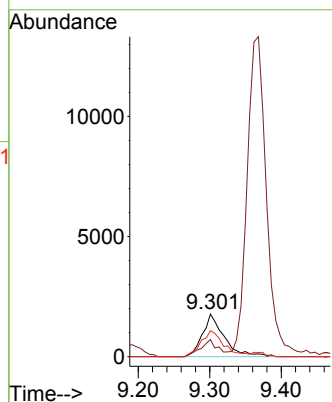
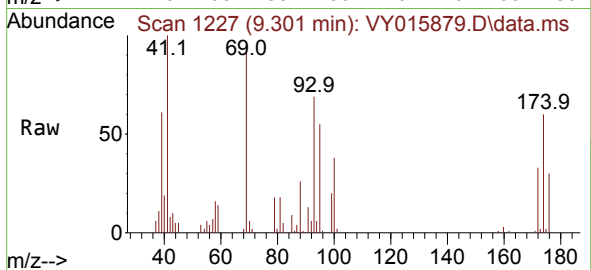
Tgt Ion: 88 Resp: 3752

Ion Ratio Lower Upper

88 100

43 30.2 0.0 0.0#

58 64.2 30.9 46.3#



#50

Toluene-d8

Concen: 10.690 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY015879.D

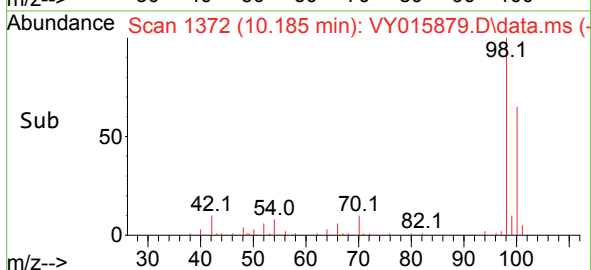
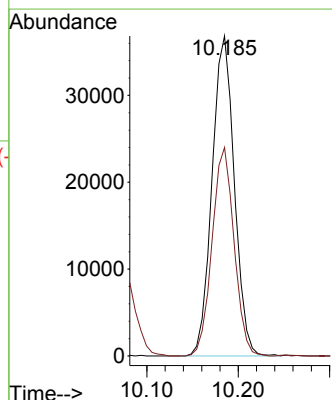
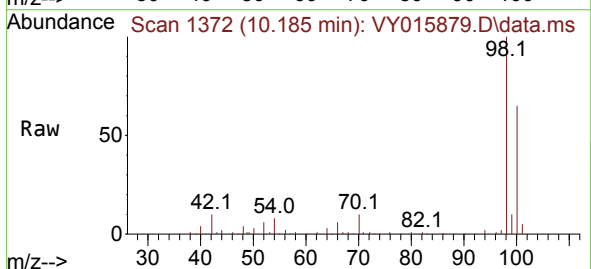
Acq: 09 Oct 2023 13:59

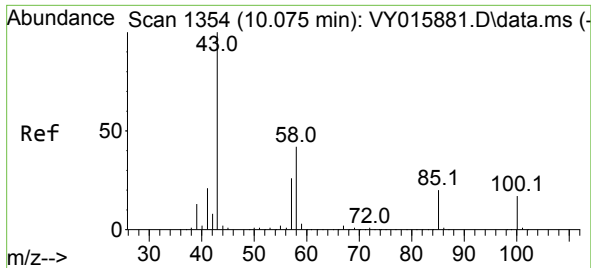
Tgt Ion: 98 Resp: 62299

Ion Ratio Lower Upper

98 100

100 64.2 50.1 75.1

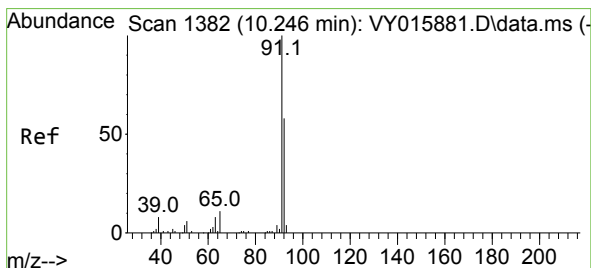
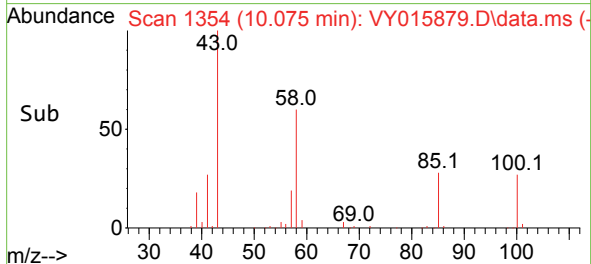
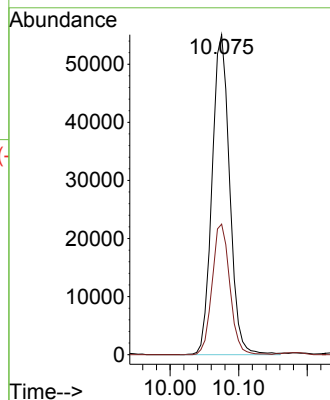
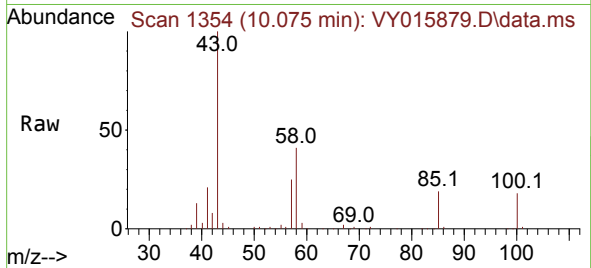




#51  
4-Methyl-2-Pentanone  
Concen: 52.723 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

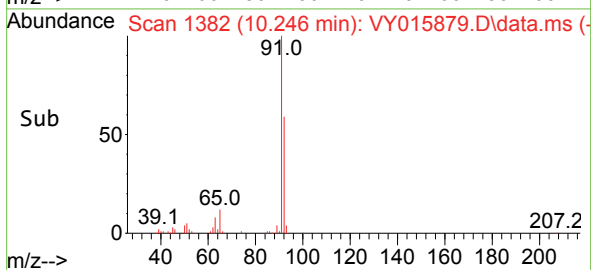
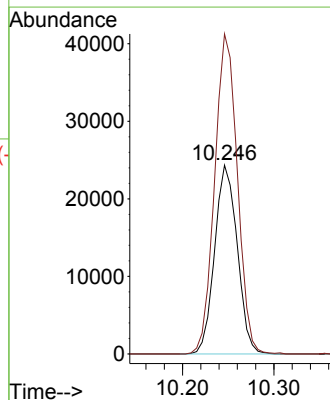
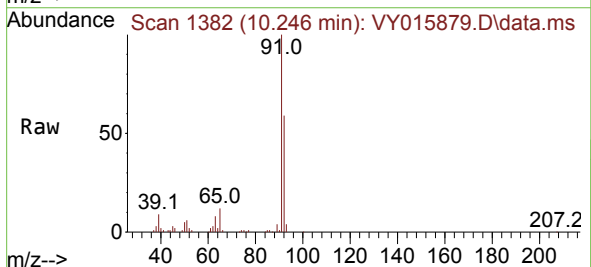
Instrument :  
MSVOA\_Y  
ClientSampleId :

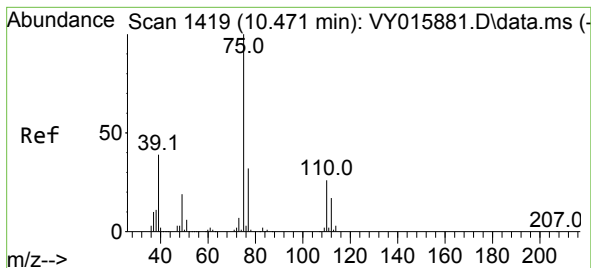
Tgt Ion: 43 Resp: 98209  
Ion Ratio Lower Upper  
43 100  
58 41.0 29.0 43.6



#52  
Toluene  
Concen: 10.233 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

Tgt Ion: 92 Resp: 41806  
Ion Ratio Lower Upper  
92 100  
91 170.7 143.8 215.6

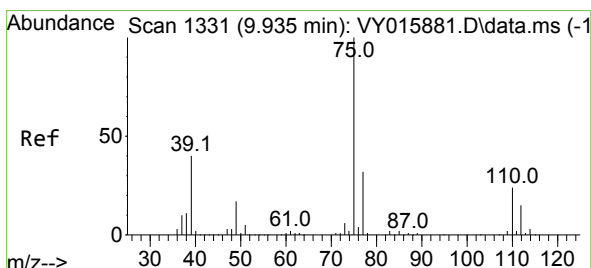
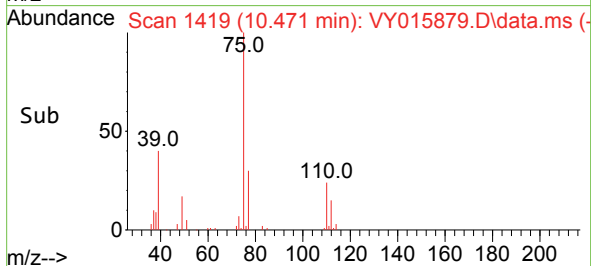
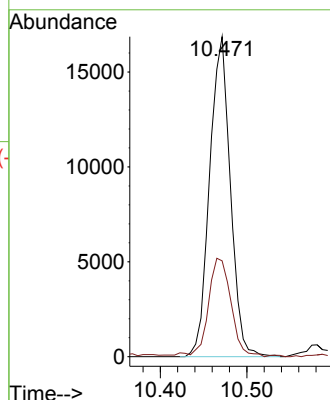
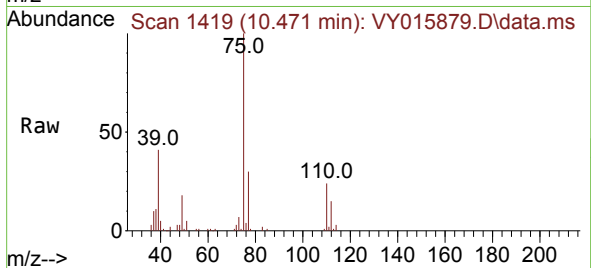




#53  
t-1,3-Dichloropropene  
Concen: 10.126 ug/l  
RT: 10.471 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

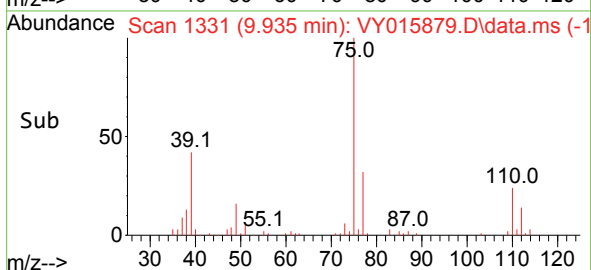
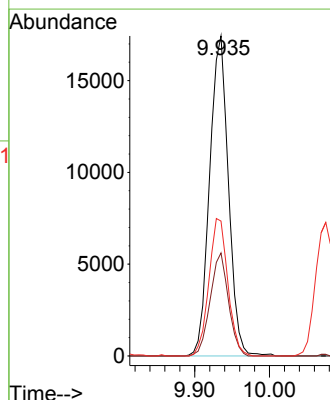
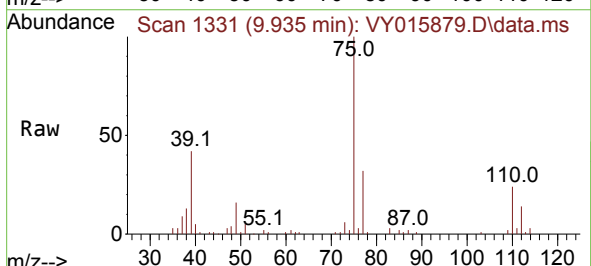
Instrument :  
MSVOA\_Y  
ClientSampleId :

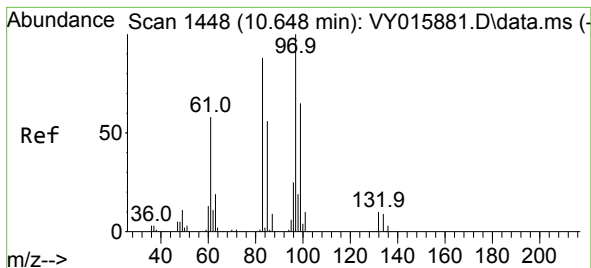
Tgt Ion: 75 Resp: 28047  
Ion Ratio Lower Upper  
75 100  
77 29.6 25.0 37.4



#54  
cis-1,3-Dichloropropene  
Concen: 10.117 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

Tgt Ion: 75 Resp: 30439  
Ion Ratio Lower Upper  
75 100  
77 32.2 24.2 36.4  
39 42.1 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 10.542 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion: 97 Resp: 18493

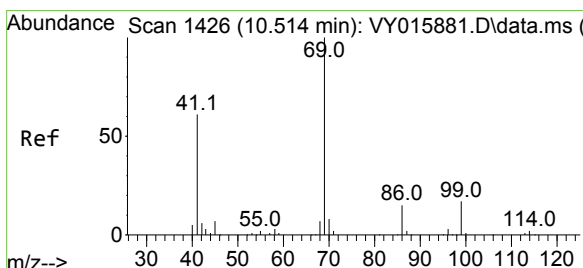
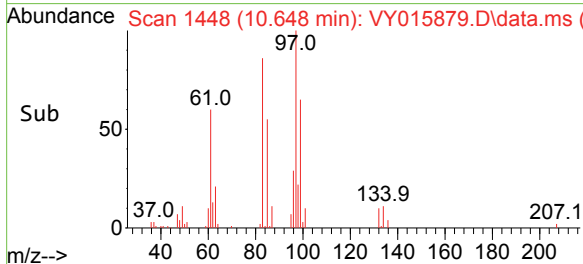
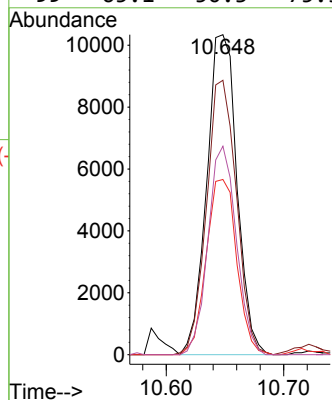
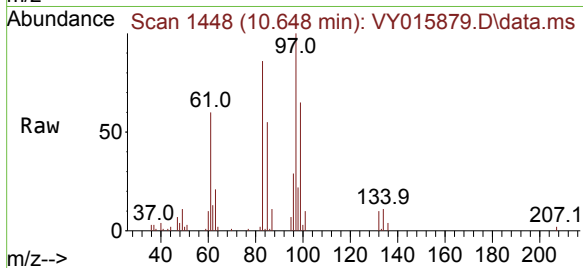
Ion Ratio Lower Upper

97 100

83 85.2 72.0 108.0

85 54.7 45.4 68.0

99 65.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 10.017 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

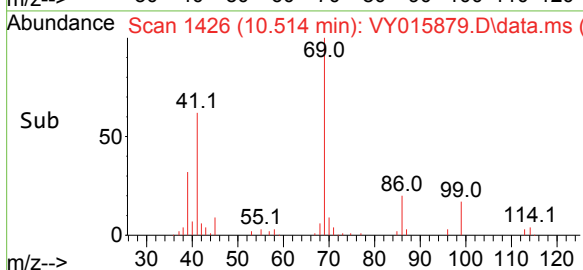
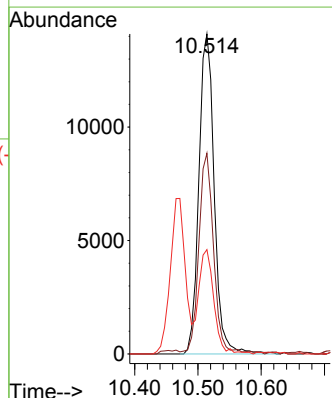
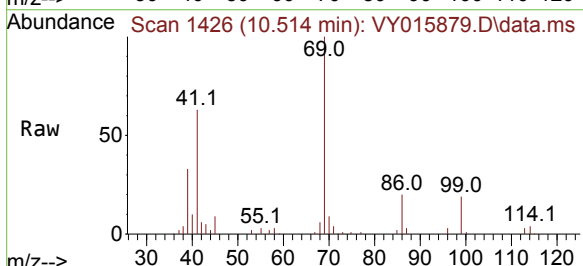
Tgt Ion: 69 Resp: 23856

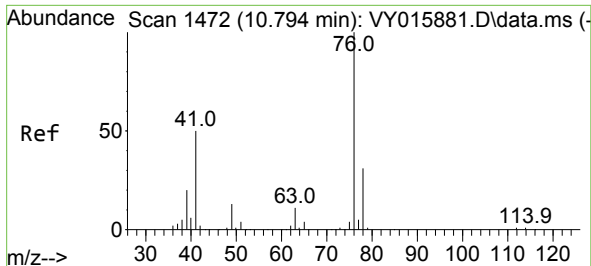
Ion Ratio Lower Upper

69 100

41 58.7 57.6 86.4

39 32.6 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 10.279 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

Instrument :

MSVOA\_Y

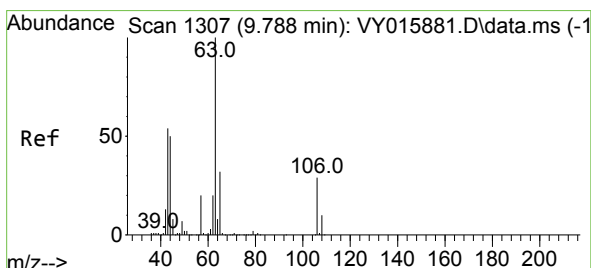
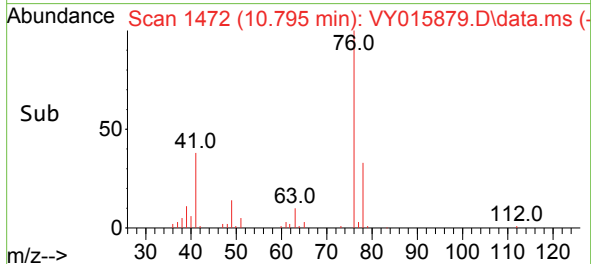
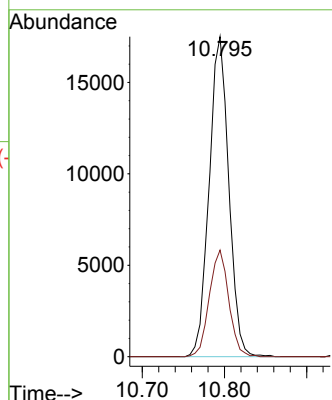
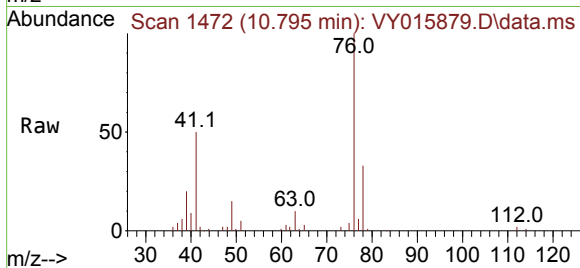
ClientSampleId :

Tgt Ion: 76 Resp: 29071

Ion Ratio Lower Upper

76 100

78 32.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 51.877 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY015879.D

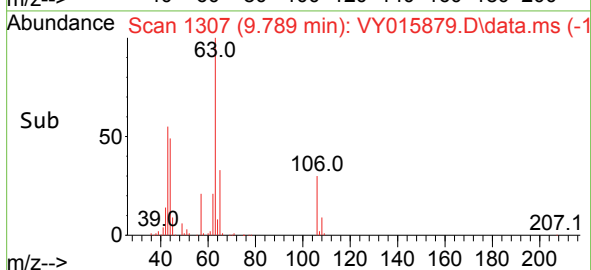
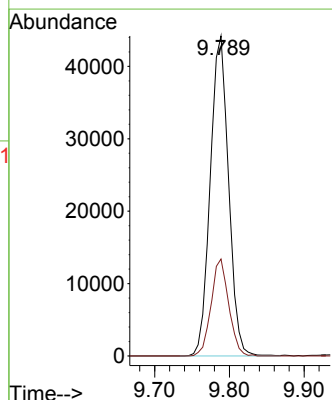
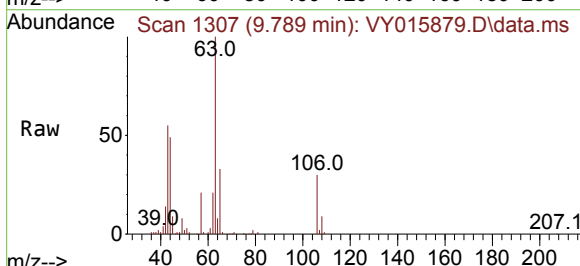
Acq: 09 Oct 2023 13:59

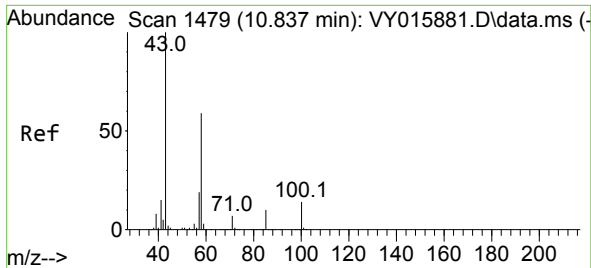
Tgt Ion: 63 Resp: 75301

Ion Ratio Lower Upper

63 100

106 29.1 21.2 31.8

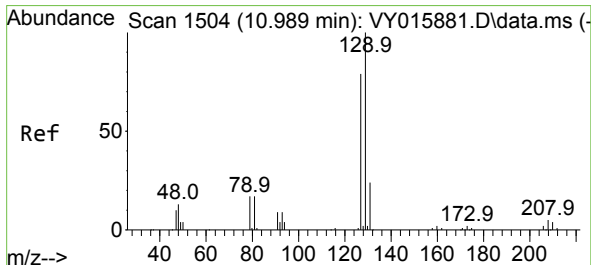
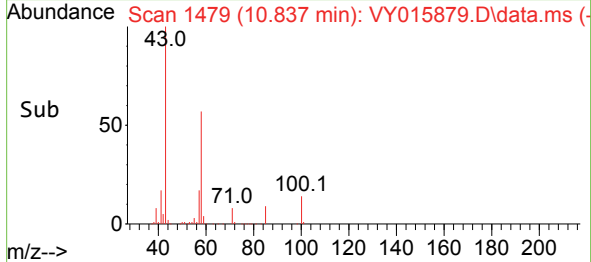
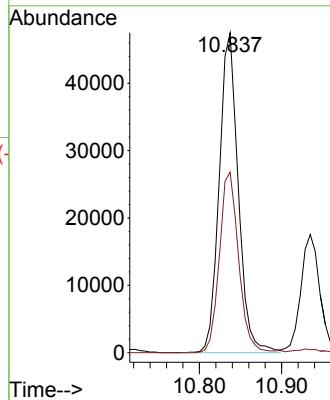
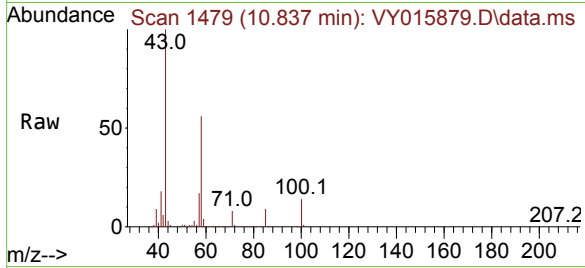




#59  
2-Hexanone  
Concen: 54.157 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

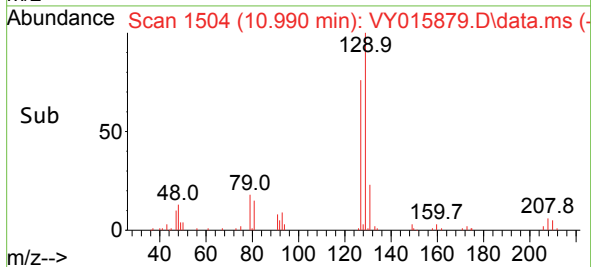
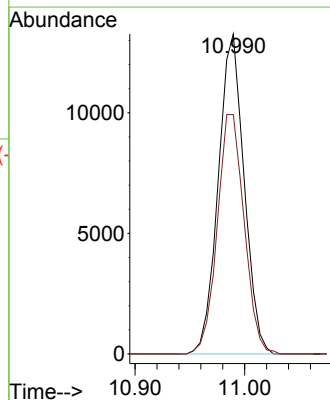
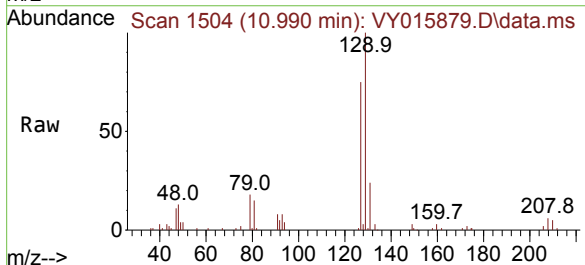
Instrument :  
MSVOA\_Y  
ClientSampleId :

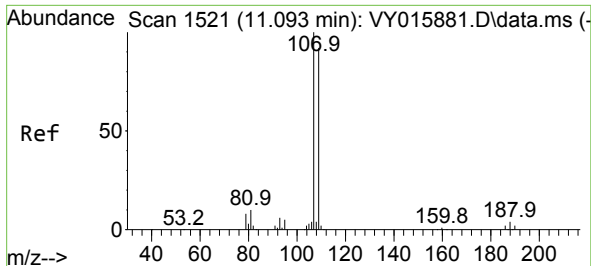
Tgt Ion: 43 Resp: 76321  
Ion Ratio Lower Upper  
43 100  
58 57.2 25.1 75.3



#60  
Dibromochloromethane  
Concen: 10.337 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

Tgt Ion: 129 Resp: 21738  
Ion Ratio Lower Upper  
129 100  
127 77.9 38.5 115.5

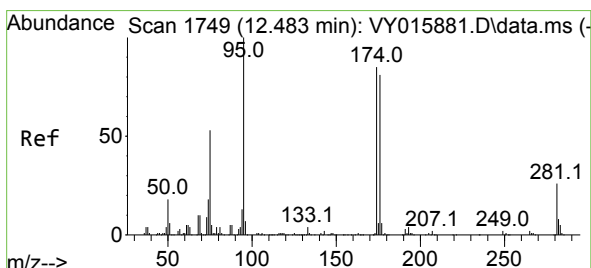
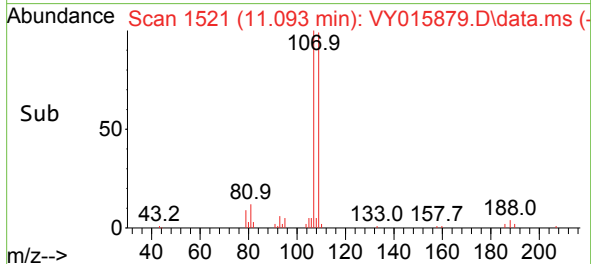
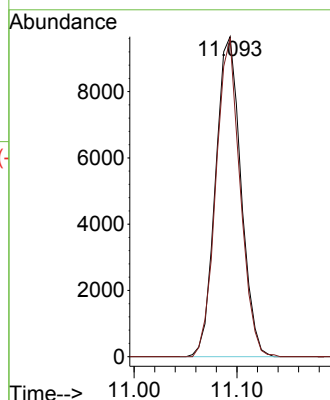
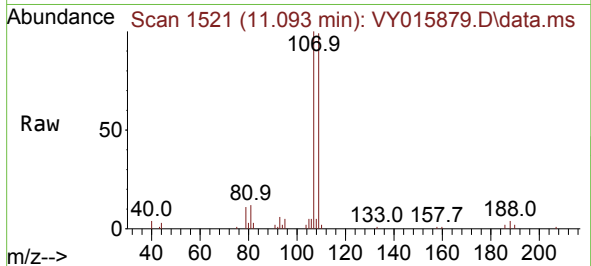




#61  
1,2-Dibromoethane  
Concen: 10.313 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

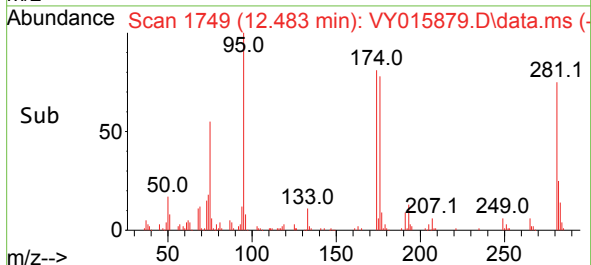
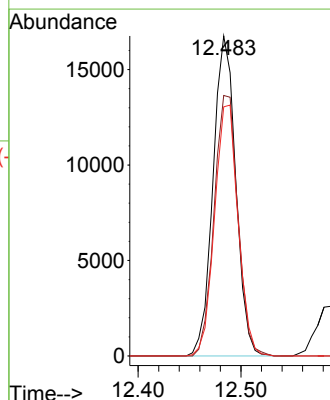
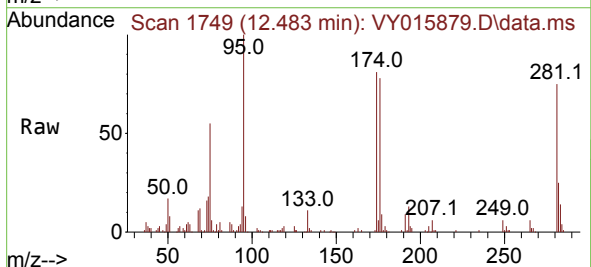
Instrument :  
MSVOA\_Y  
ClientSampleId :

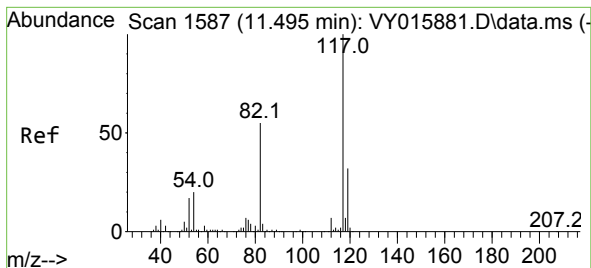
Tgt Ion:107 Resp: 16522  
Ion Ratio Lower Upper  
107 100  
109 94.6 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 10.852 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

Tgt Ion: 95 Resp: 25689  
Ion Ratio Lower Upper  
95 100  
174 85.1 0.0 178.2  
176 81.2 0.0 173.8

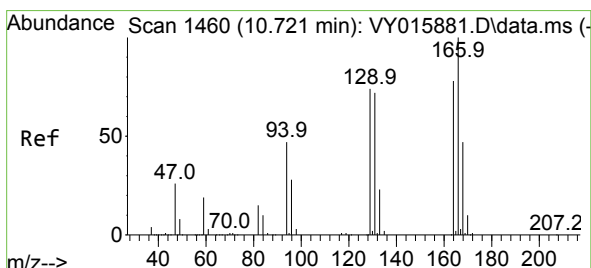
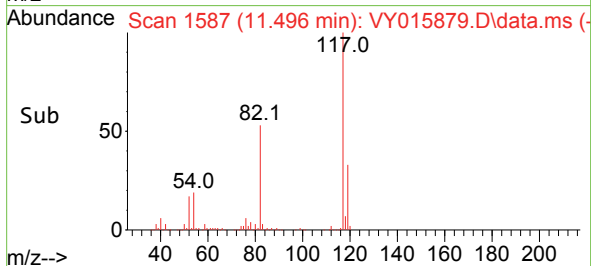
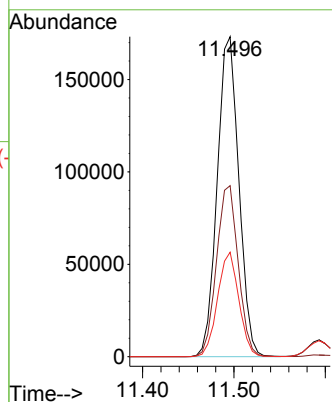
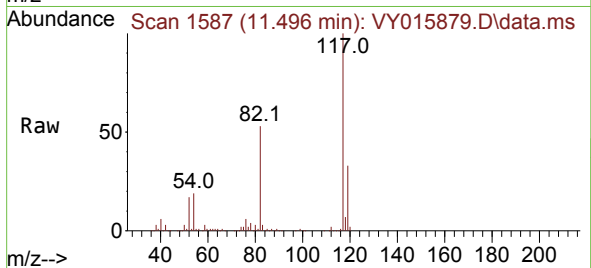




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

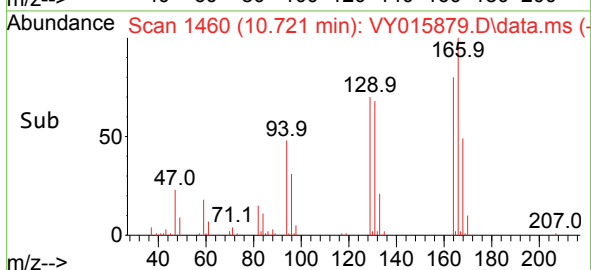
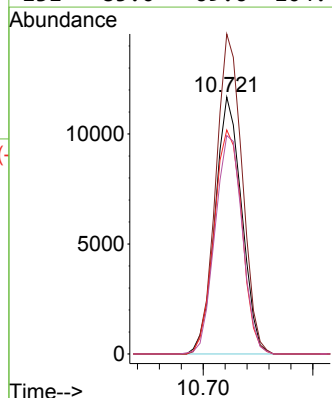
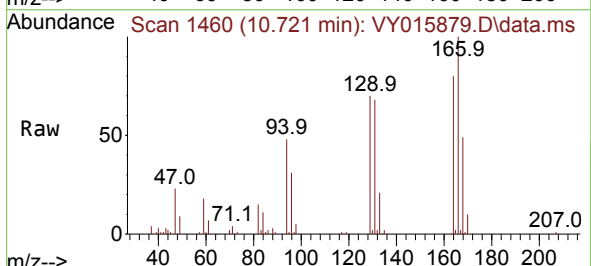
Instrument :  
MSVOA\_Y  
ClientSampleId :

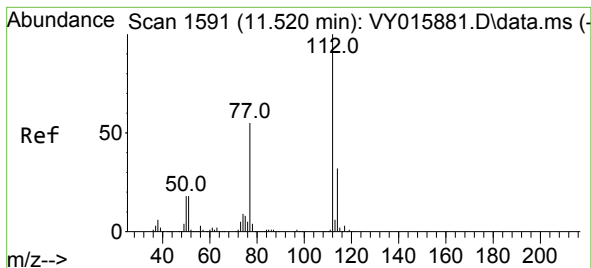
Tgt Ion:117 Resp: 284731  
Ion Ratio Lower Upper  
117 100  
82 53.5 43.4 65.0  
119 32.6 26.3 39.5



#64  
Tetrachloroethene  
Concen: 10.614 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

Tgt Ion:164 Resp: 19723  
Ion Ratio Lower Upper  
164 100  
166 124.5 103.0 154.6  
129 87.2 77.2 115.8  
131 85.0 69.6 104.4





#65

Chlorobenzene

Concen: 10.315 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

Instrument :

MSVOA\_Y

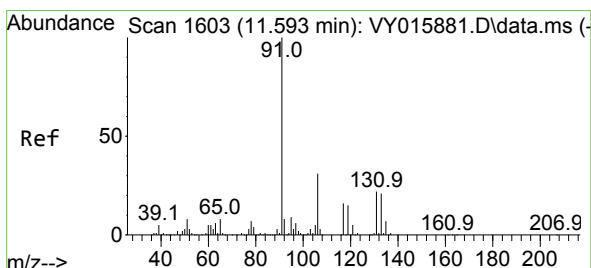
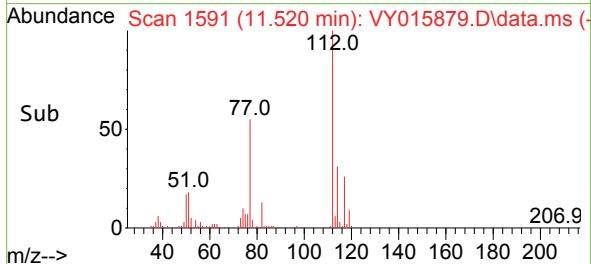
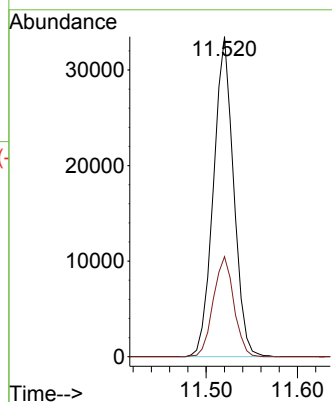
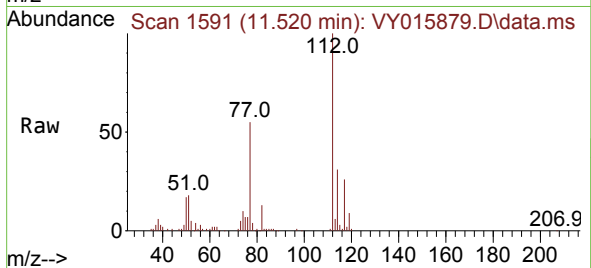
ClientSampleId :

Tgt Ion:112 Resp: 51230

Ion Ratio Lower Upper

112 100

114 31.3 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 10.301 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

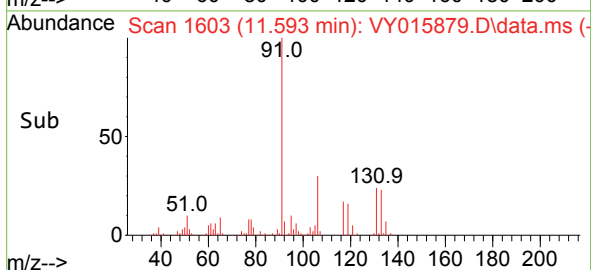
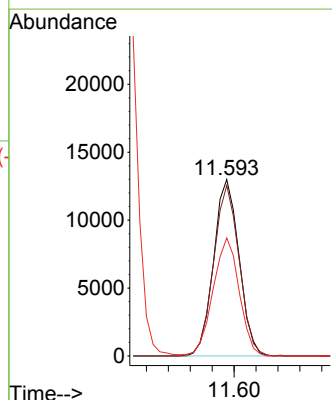
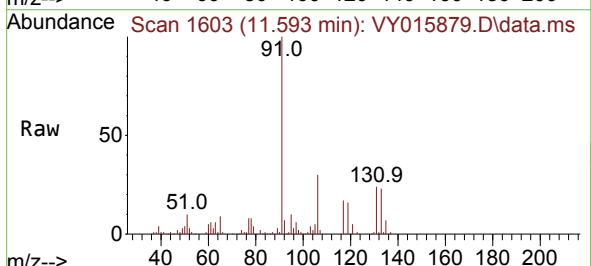
Tgt Ion:131 Resp: 20911

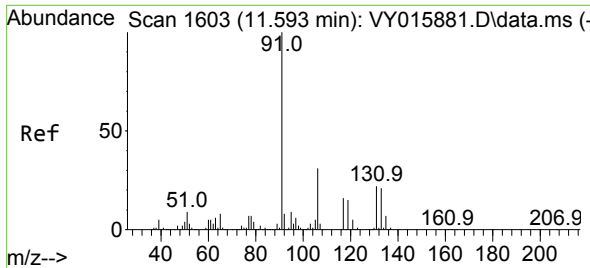
Ion Ratio Lower Upper

131 100

133 97.3 47.5 142.6

119 68.8 31.6 94.7

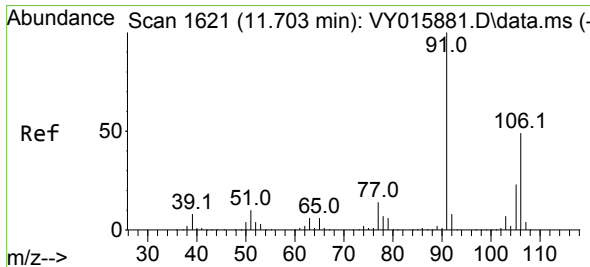
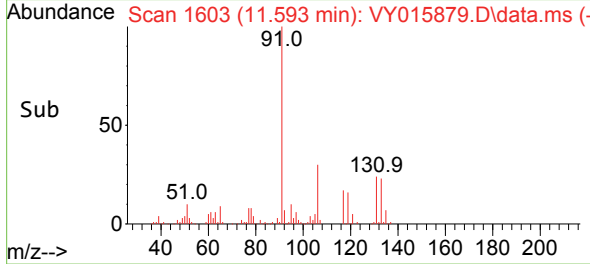
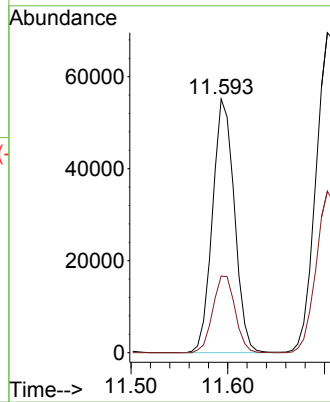
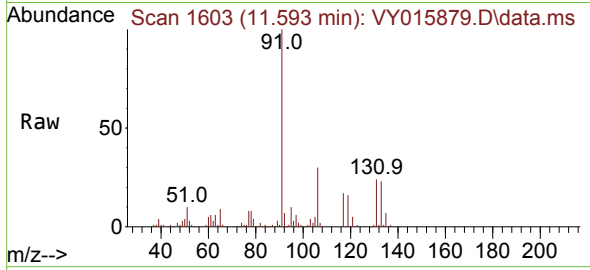




#67  
Ethyl Benzene  
Concen: 10.189 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

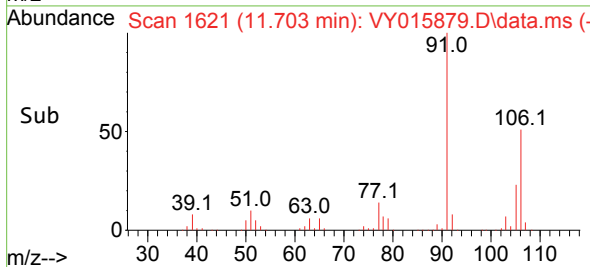
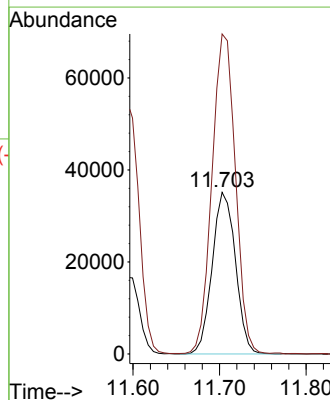
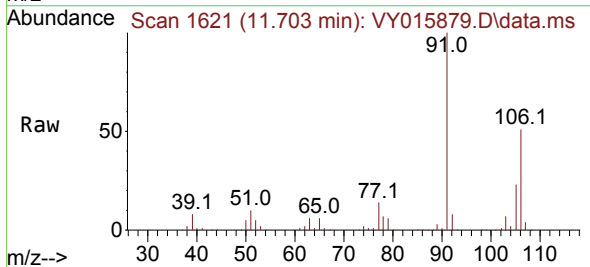
Instrument :  
MSVOA\_Y  
ClientSampleId :

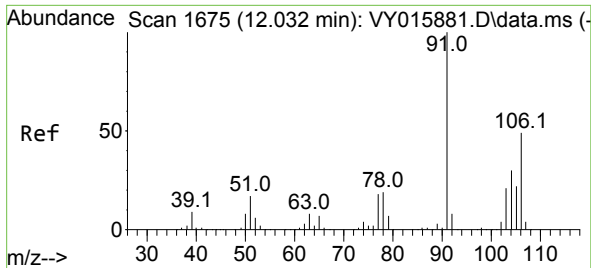
Tgt Ion: 91 Resp: 86817  
Ion Ratio Lower Upper  
91 100  
106 30.2 24.6 36.8



#68  
m/p-Xylenes  
Concen: 20.446 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

Tgt Ion:106 Resp: 65645  
Ion Ratio Lower Upper  
106 100  
91 199.8 166.1 249.1

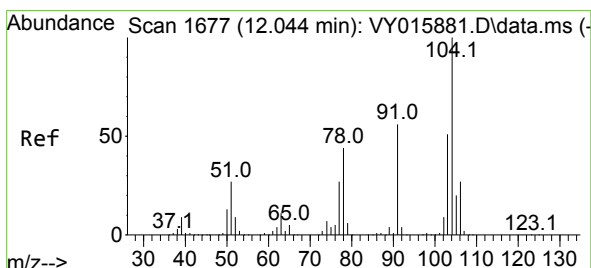
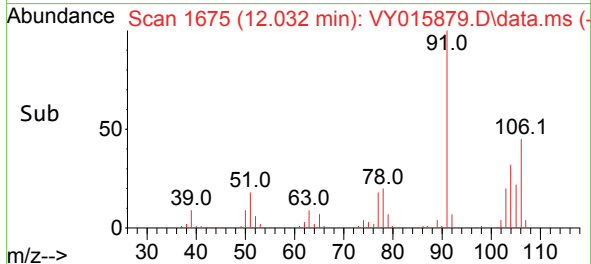
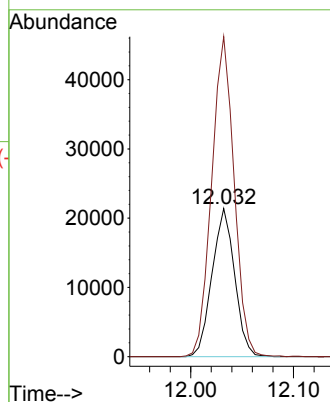
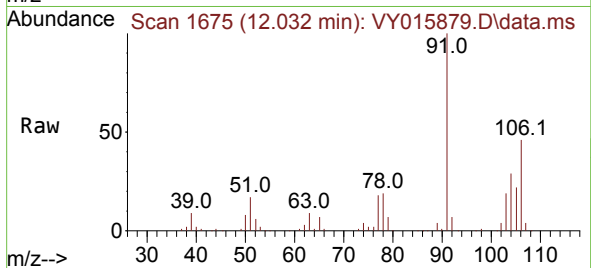




#69  
o-Xylene  
Concen: 10.151 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

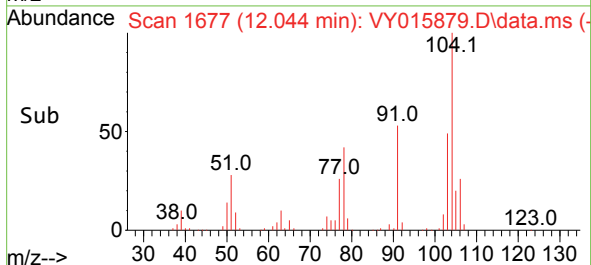
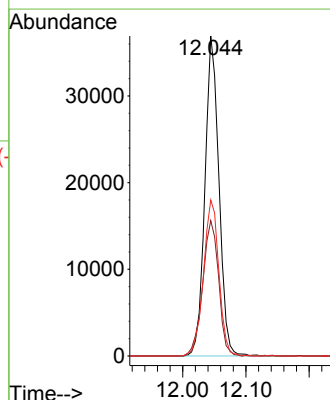
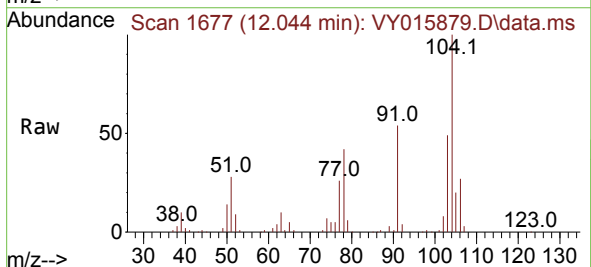
Instrument :  
MSVOA\_Y  
ClientSampleId :

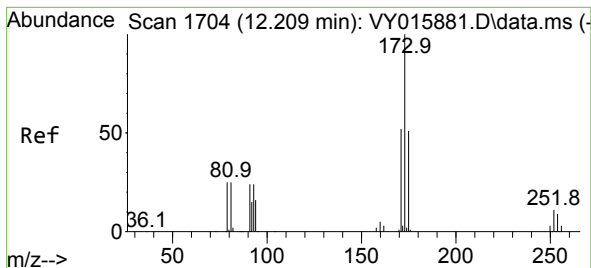
Tgt Ion:106 Resp: 32607  
Ion Ratio Lower Upper  
106 100  
91 215.1 108.1 324.3



#70  
Styrene  
Concen: 10.182 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

Tgt Ion:104 Resp: 57067  
Ion Ratio Lower Upper  
104 100  
78 47.8 41.5 62.3  
103 53.4 44.6 67.0





#71

Bromoform

Concen: 10.142 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY015879.D

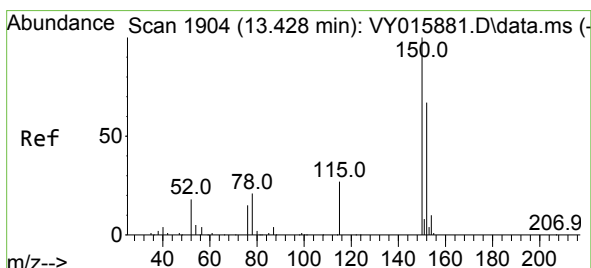
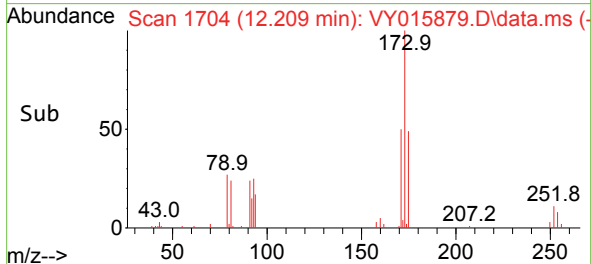
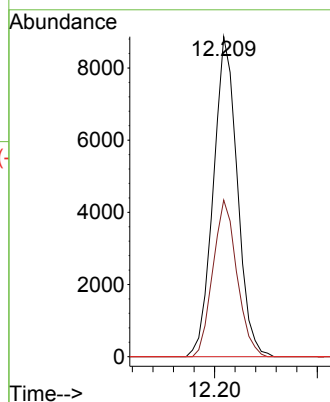
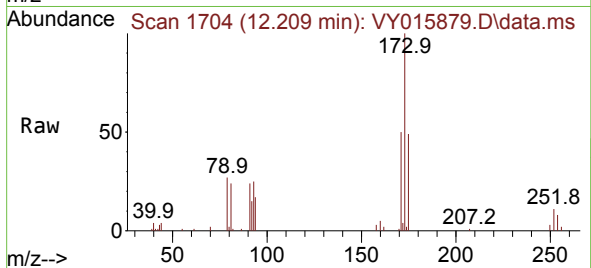
Acq: 09 Oct 2023 13:59

Instrument :

MSVOA\_Y

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 14336 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 49.0  | 24.6  | 73.8  |
| 254       | 0.0   | 0.2   | 0.2#  |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

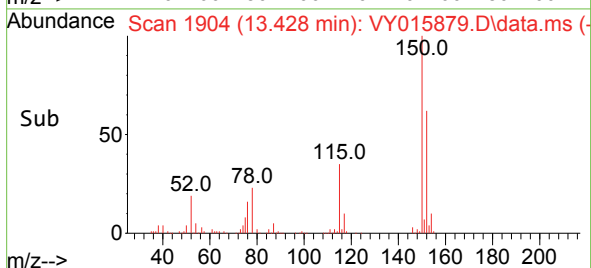
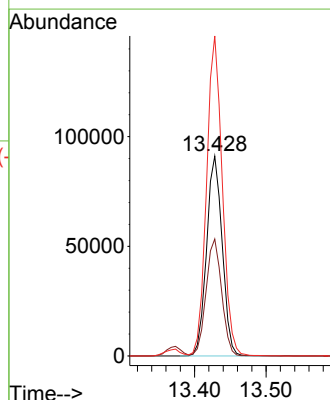
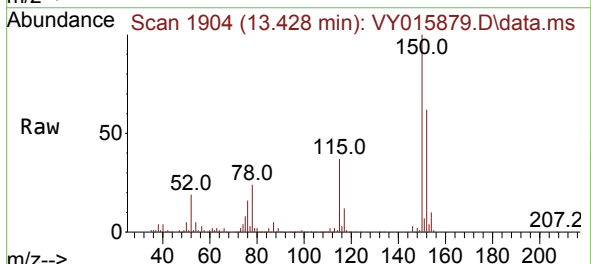
RT: 13.428 min Scan# 1904

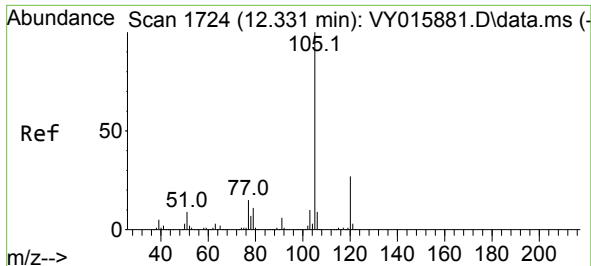
Delta R.T. 0.000 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

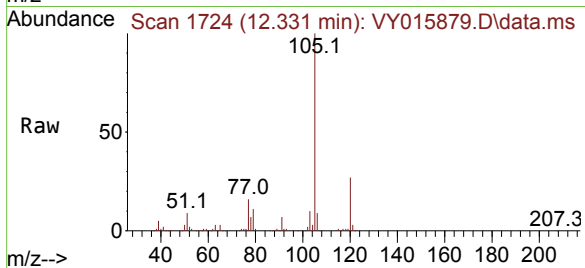
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 138510 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 58.5  | 28.8  | 86.5   |
| 150       | 160.8 | 0.0   | 348.8  |



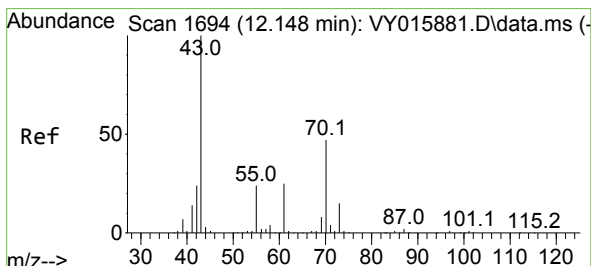
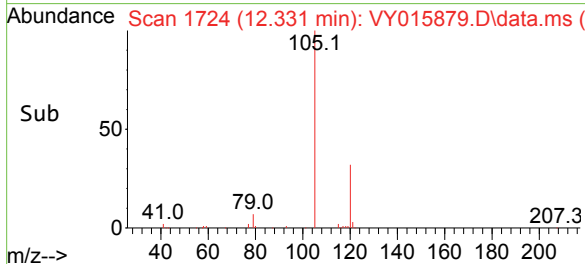
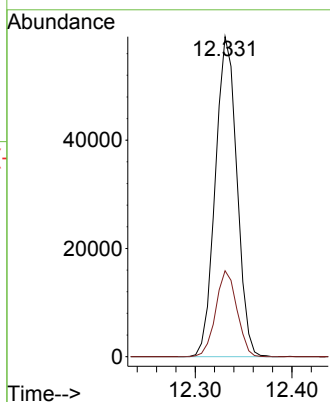


#73  
Isopropylbenzene  
Concen: 10.467 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

Instrument :  
MSVOA\_Y  
ClientSampleId :

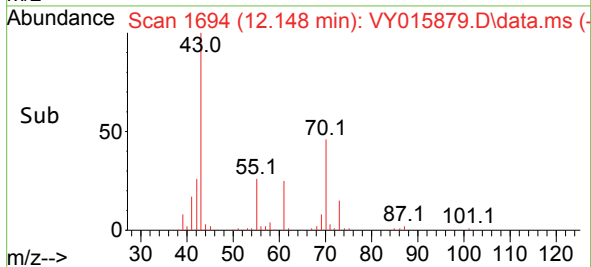
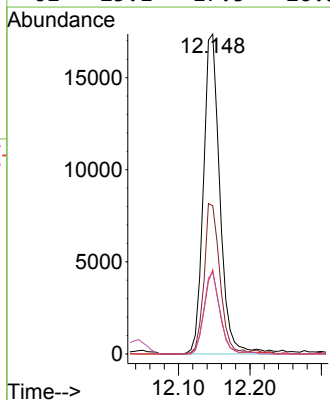
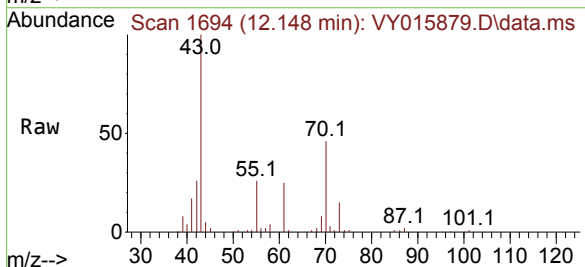


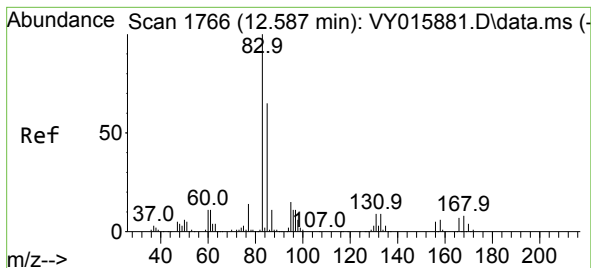
Tgt Ion:105 Resp: 91456  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.3 39.9



#74  
N-ethyl acetate  
Concen: 10.131 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

Tgt Ion: 43 Resp: 27897  
Ion Ratio Lower Upper  
43 100  
70 45.1 29.7 44.5#  
55 24.5 18.3 27.5  
61 25.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 10.494 ug/l

RT: 12.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

Instrument :

MSVOA\_Y

ClientSampleId :

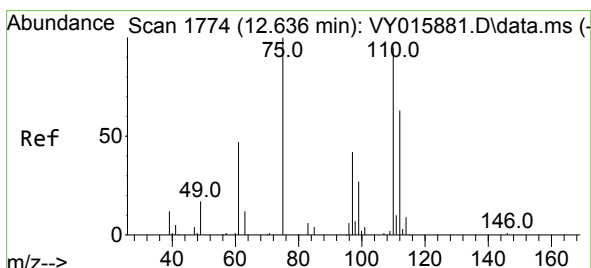
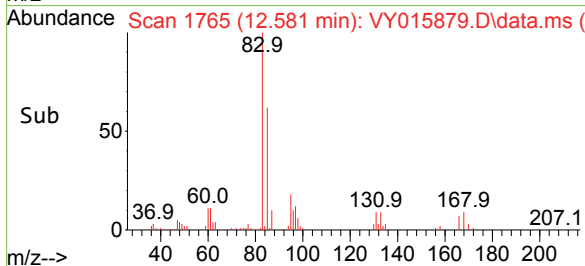
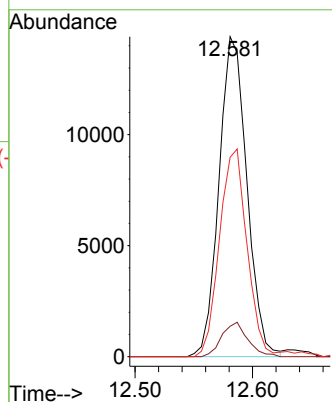
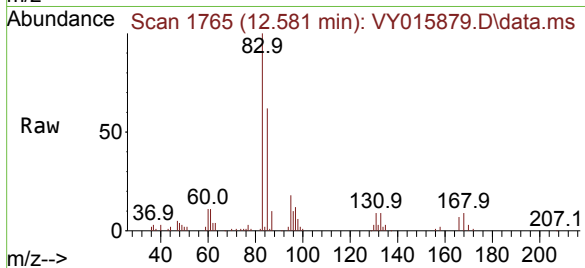
Tgt Ion: 83 Resp: 23774

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

85 64.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 17.658 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY015879.D

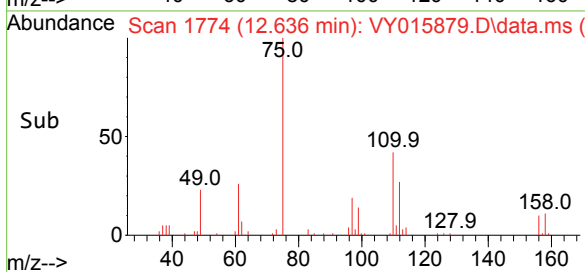
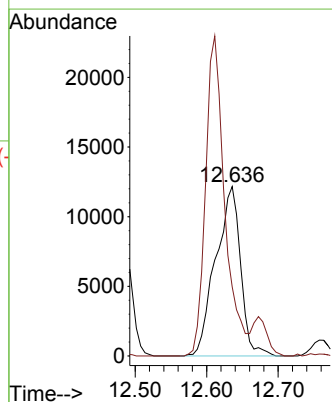
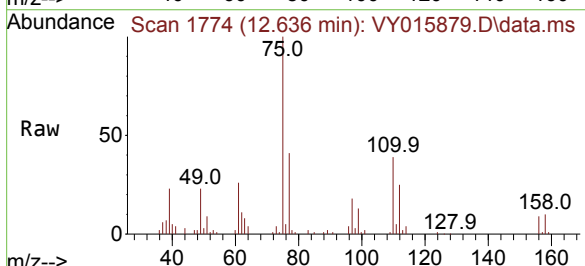
Acq: 09 Oct 2023 13:59

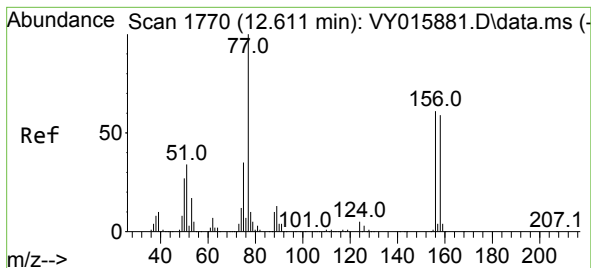
Tgt Ion: 75 Resp: 29424

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.677 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

Instrument :

MSVOA\_Y

ClientSampleId :

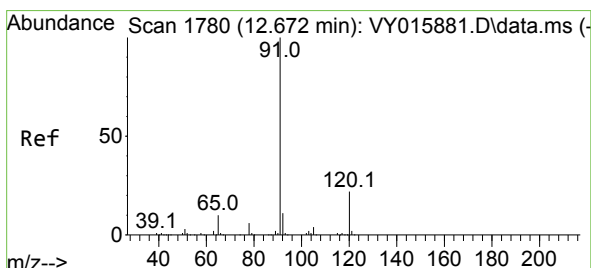
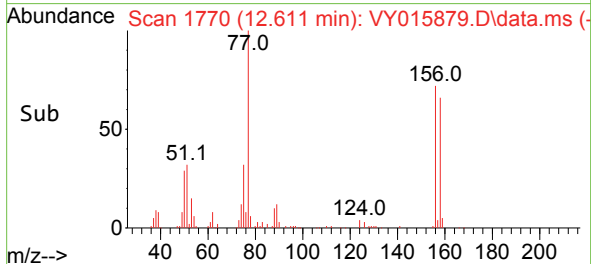
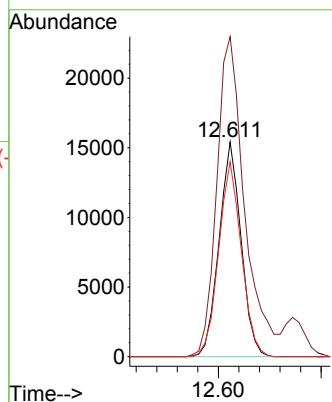
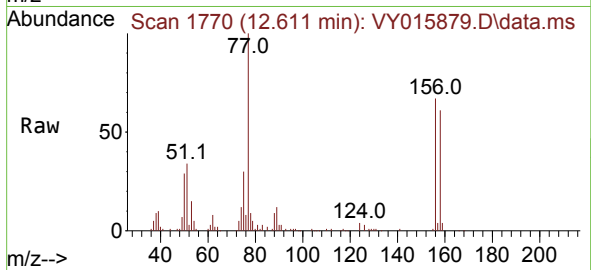
Tgt Ion:156 Resp: 22875

Ion Ratio Lower Upper

156 100

77 188.9 92.8 278.6

158 93.8 48.4 145.3



#78

n-propylbenzene

Concen: 10.474 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY015879.D

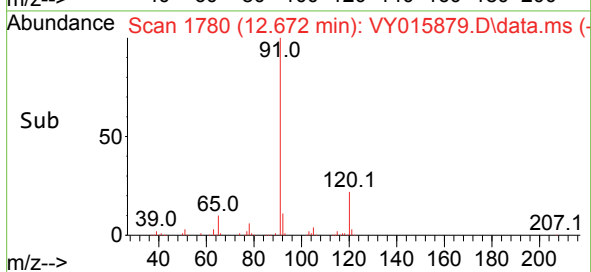
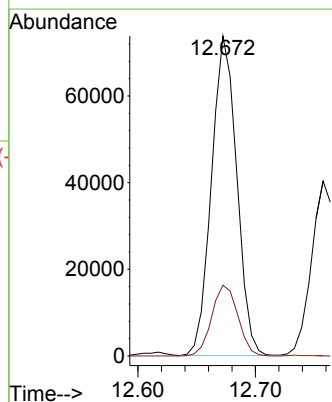
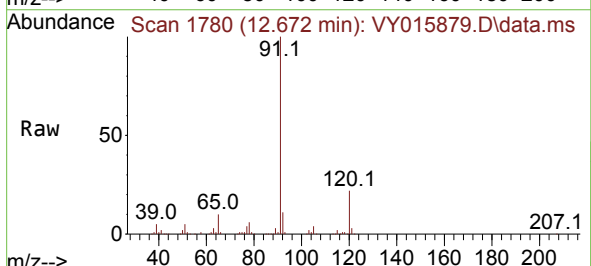
Acq: 09 Oct 2023 13:59

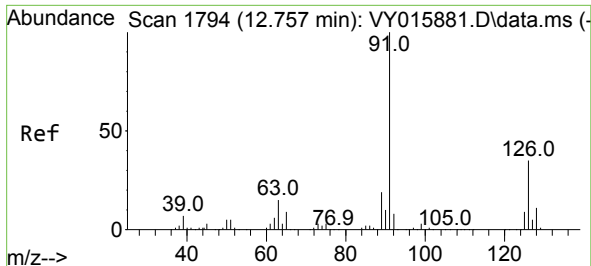
Tgt Ion: 91 Resp: 110057

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

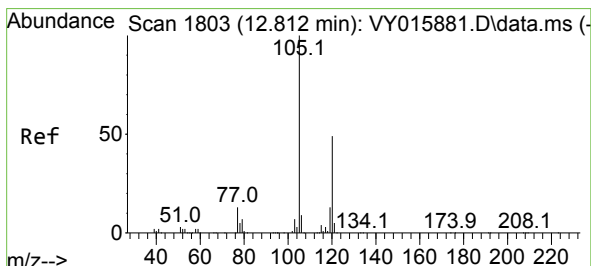
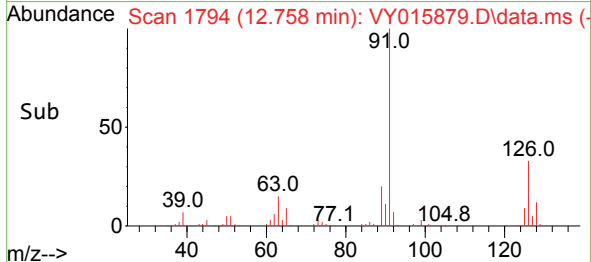
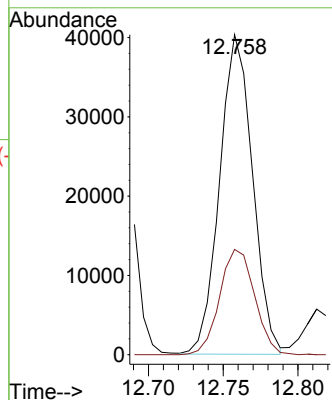
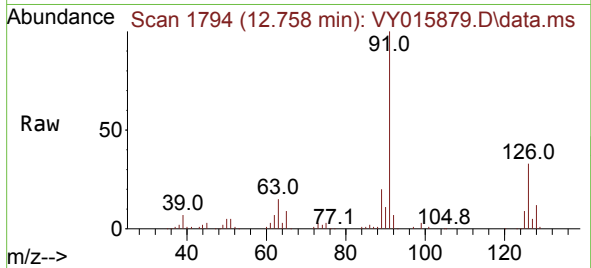




#79  
2-Chlorotoluene  
Concen: 10.308 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

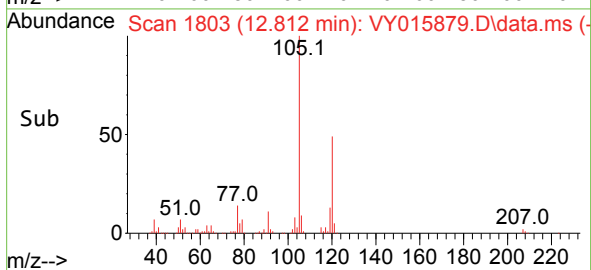
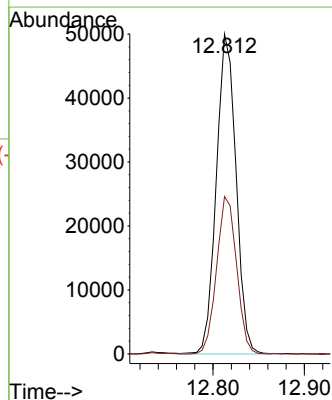
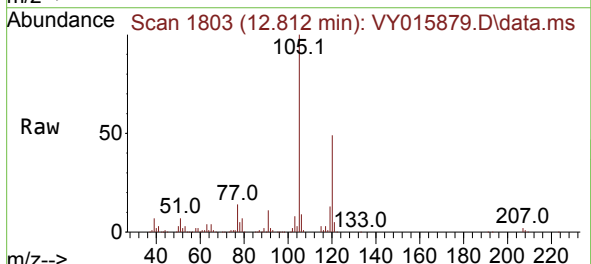
Instrument :  
MSVOA\_Y  
ClientSampleId :

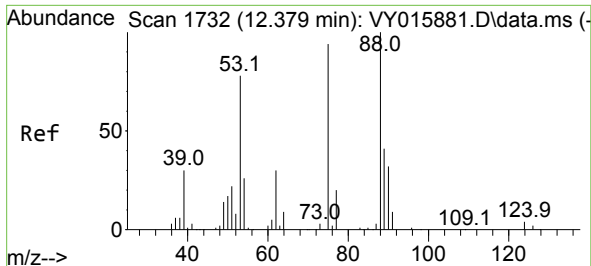
Tgt Ion: 91 Resp: 61698  
Ion Ratio Lower Upper  
91 100  
126 35.0 17.3 51.7



#80  
1,3,5-Trimethylbenzene  
Concen: 10.408 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

Tgt Ion: 105 Resp: 74954  
Ion Ratio Lower Upper  
105 100  
120 49.9 23.9 71.7

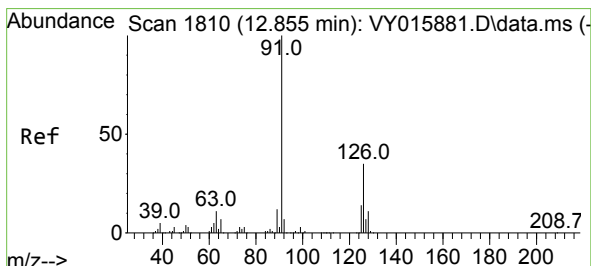
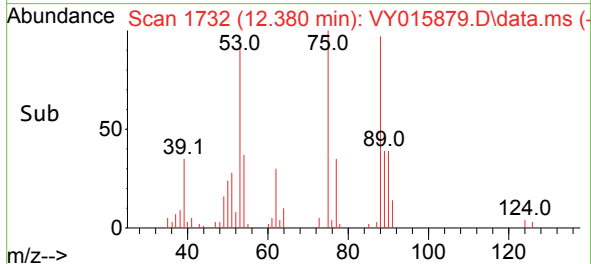
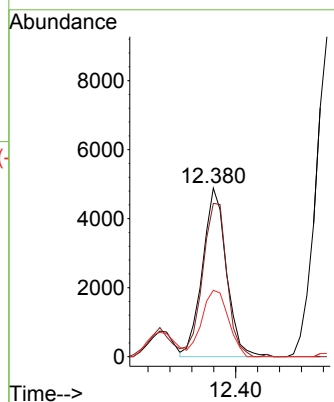
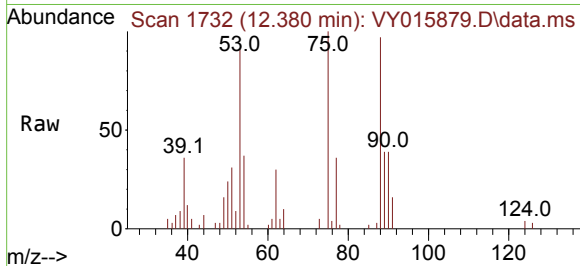




#81  
trans-1,4-Dichloro-2-butene  
Concen: 10.162 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

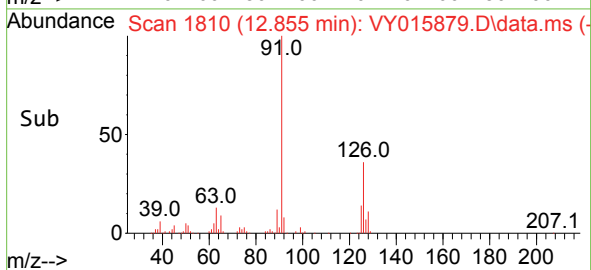
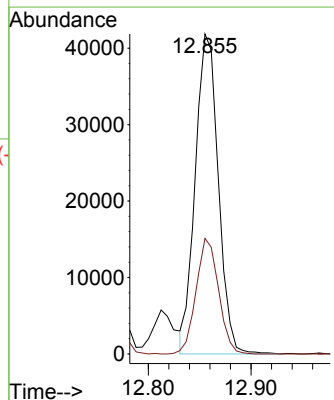
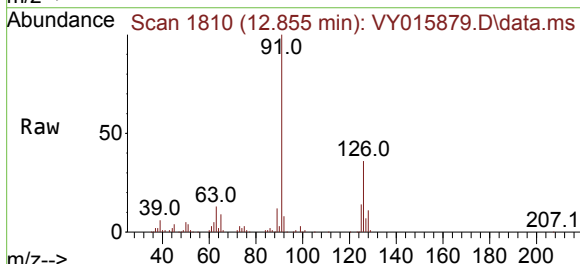
Instrument :  
MSVOA\_Y  
ClientSampleId :

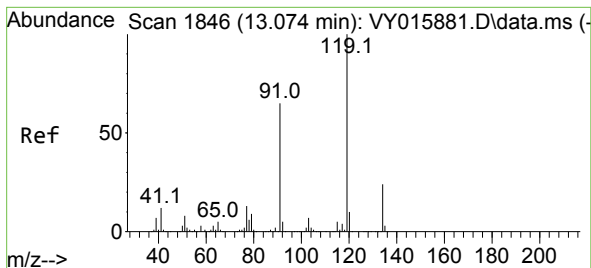
Tgt Ion: 75 Resp: 7410  
Ion Ratio Lower Upper  
75 100  
53 92.3 77.8 116.8  
89 43.6 37.4 56.0



#82  
4-Chlorotoluene  
Concen: 10.471 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

Tgt Ion: 91 Resp: 65310  
Ion Ratio Lower Upper  
91 100  
126 35.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 10.488 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY015879.D

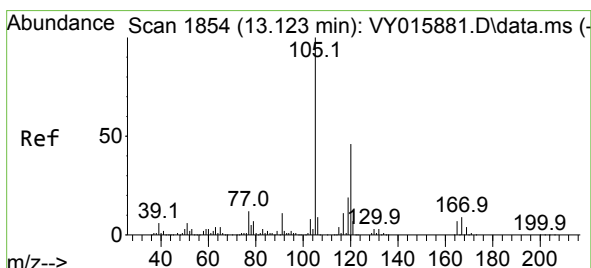
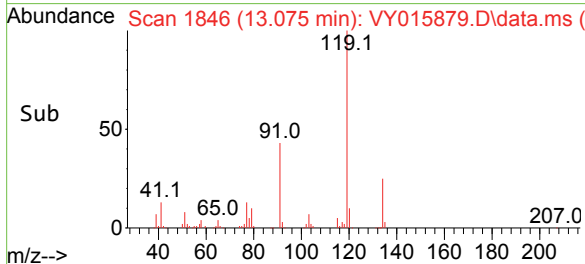
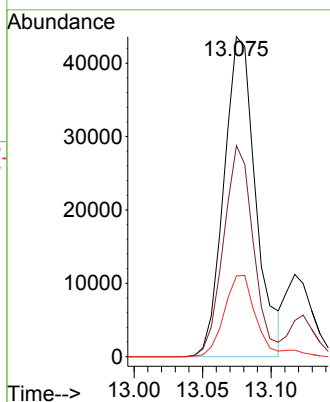
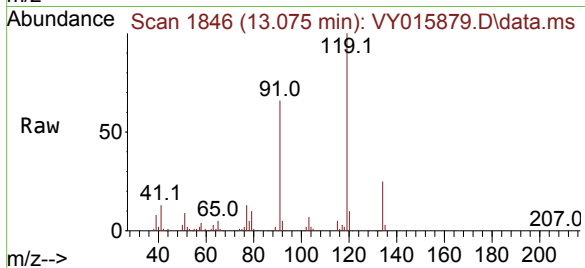
Acq: 09 Oct 2023 13:59

Instrument :

MSVOA\_Y

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 119   | Resp: | 70486 |
| Ion Ratio | Lower | Upper |       |
| 119       | 100   |       |       |
| 91        | 62.2  | 32.9  | 98.6  |
| 134       | 26.0  | 13.0  | 38.9  |



#84

1,2,4-Trimethylbenzene

Concen: 10.507 ug/l

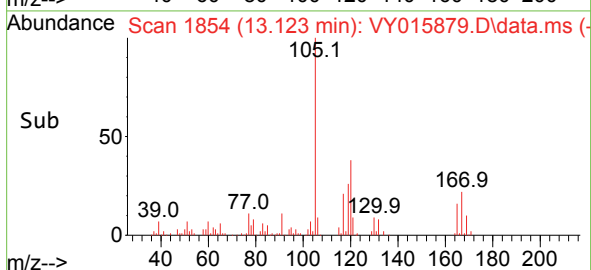
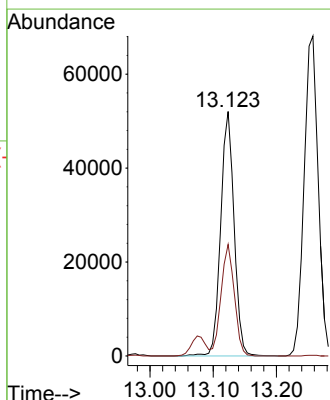
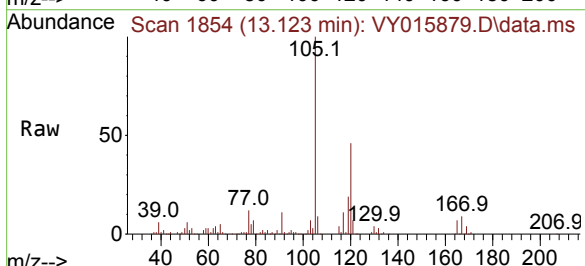
RT: 13.123 min Scan# 1854

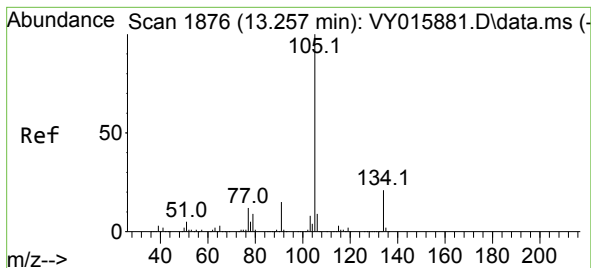
Delta R.T. 0.000 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 76192 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 45.4  | 22.2  | 66.6  |





#85

sec-Butylbenzene

Concen: 10.658 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

Instrument :

MSVOA\_Y

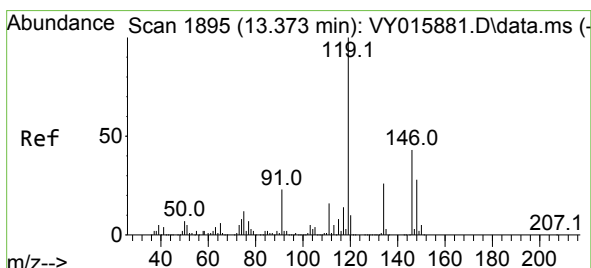
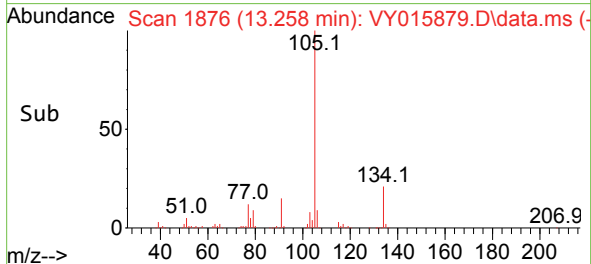
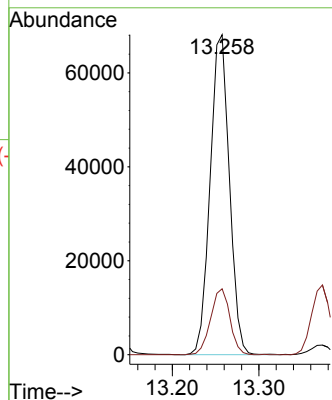
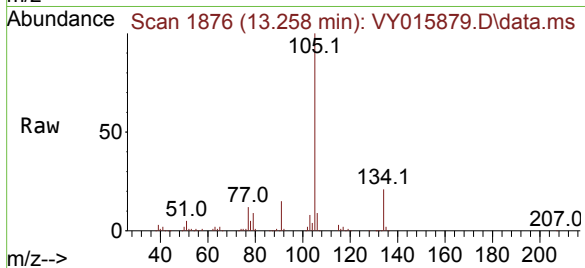
ClientSampleId :

Tgt Ion:105 Resp: 105049

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 10.478 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

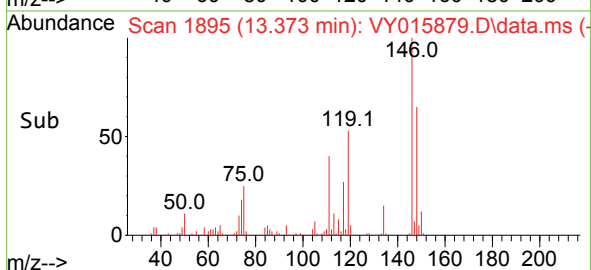
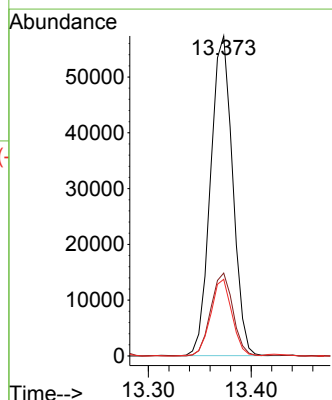
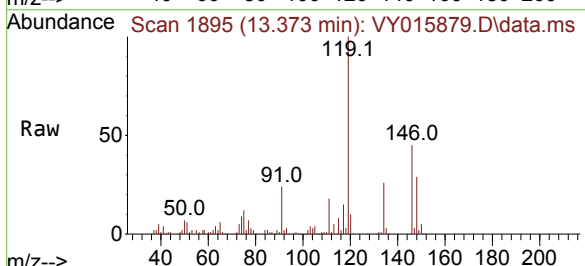
Tgt Ion:119 Resp: 85434

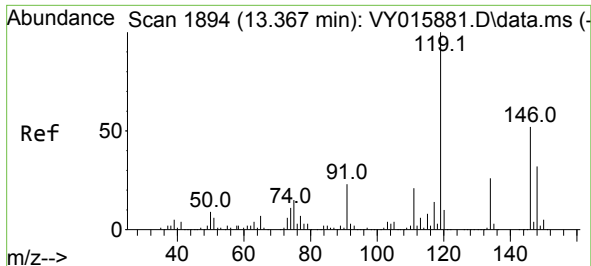
Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.8

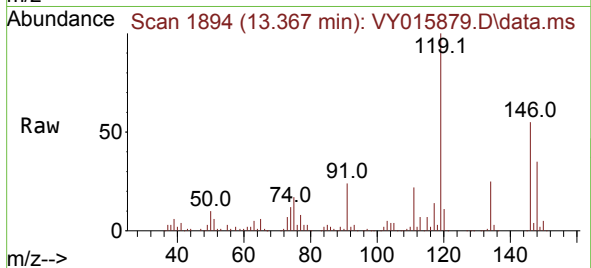
91 23.2 12.4 37.4



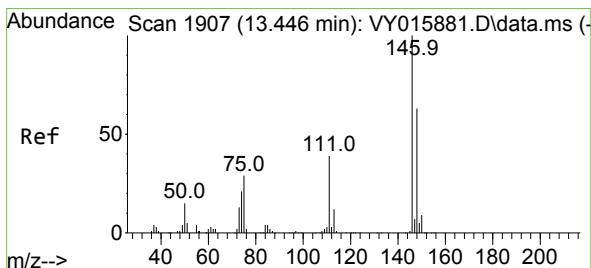
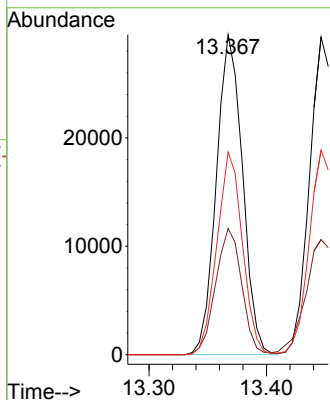
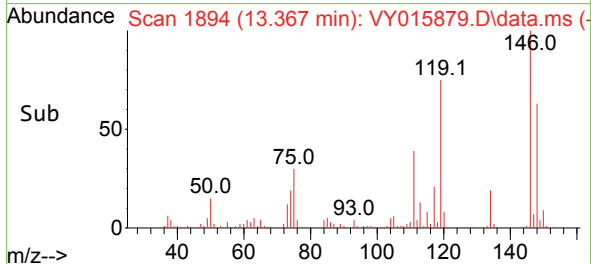


#87  
1,3-Dichlorobenzene  
Concen: 10.591 ug/l  
RT: 13.367 min Scan# 1191  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

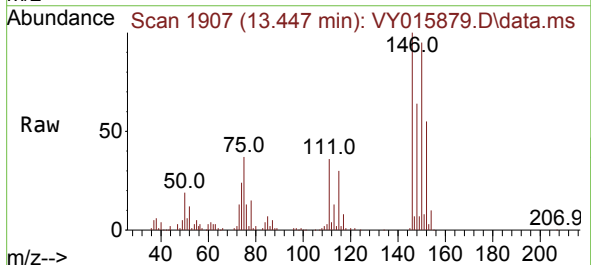
Instrument :  
MSVOA\_Y  
ClientSampleId :



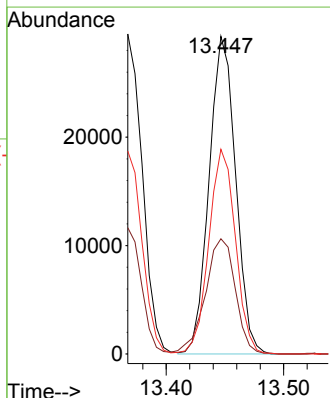
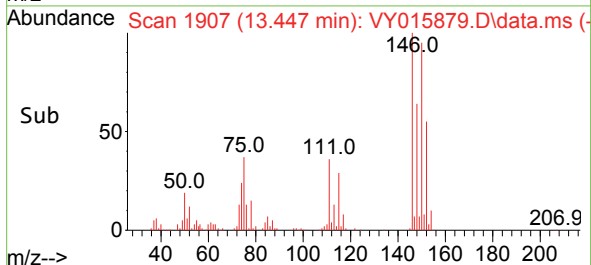
Tgt Ion:146 Resp: 45683  
Ion Ratio Lower Upper  
146 100  
111 39.3 19.4 58.2  
148 61.8 31.9 95.5

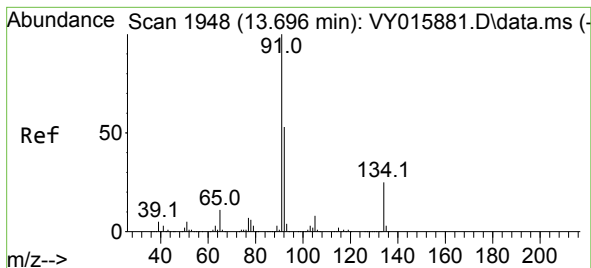


#88  
1,4-Dichlorobenzene  
Concen: 10.587 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59



Tgt Ion:146 Resp: 45988  
Ion Ratio Lower Upper  
146 100  
111 41.1 18.9 56.7  
148 64.8 32.1 96.5





#89

n-Butylbenzene

Concen: 10.556 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015879.D

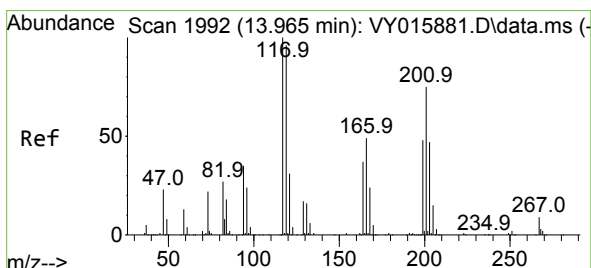
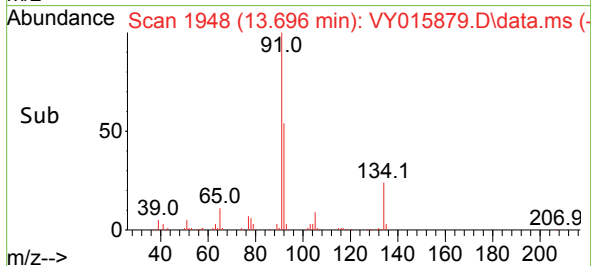
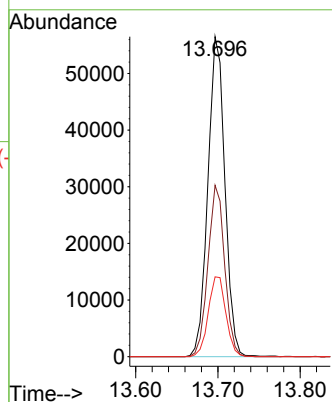
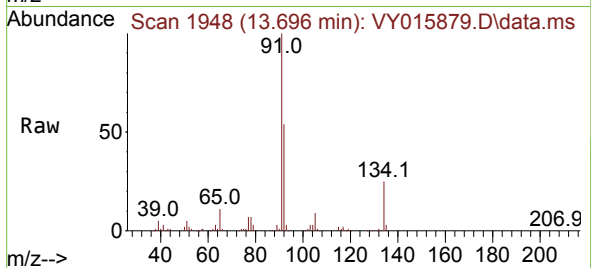
Acq: 09 Oct 2023 13:59

Instrument :

MSVOA\_Y

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 81450 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 52.5  | 25.4  | 76.0  |
| 134      | 25.8  | 12.6  | 37.6  |



#90

Hexachloroethane

Concen: 10.580 ug/l

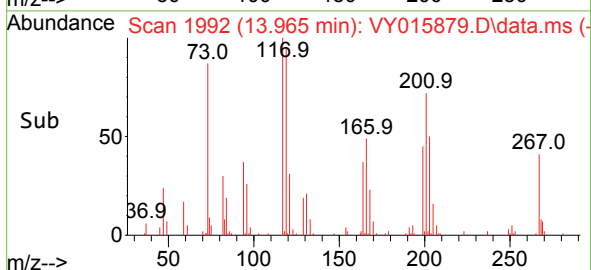
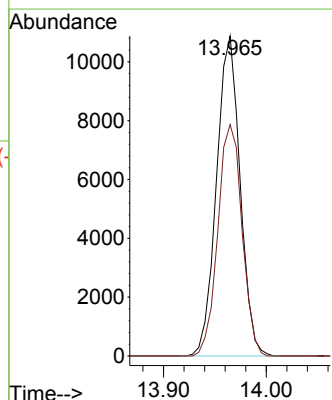
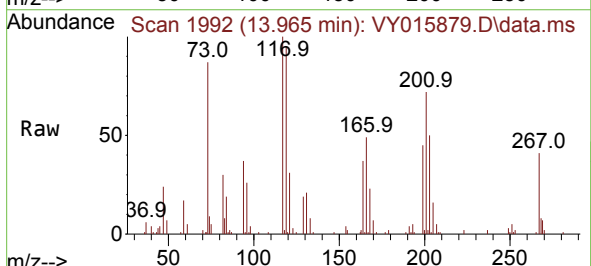
RT: 13.965 min Scan# 1992

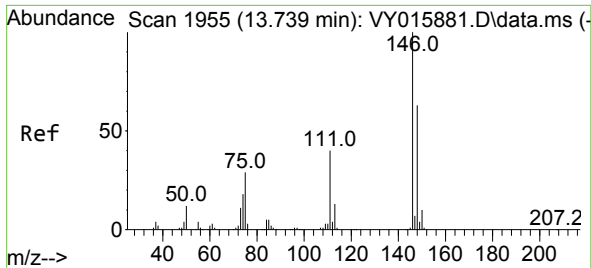
Delta R.T. 0.000 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 17311 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 74.2  | 41.6  | 124.8 |

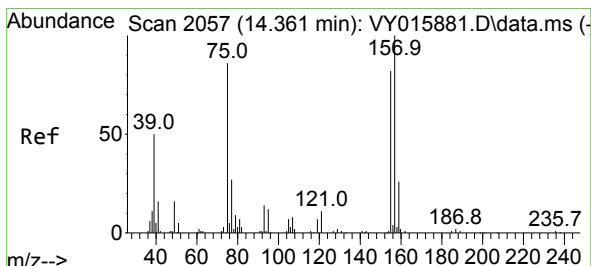
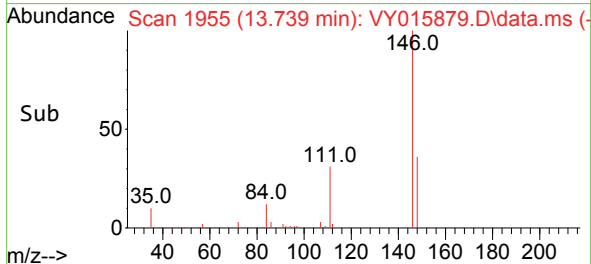
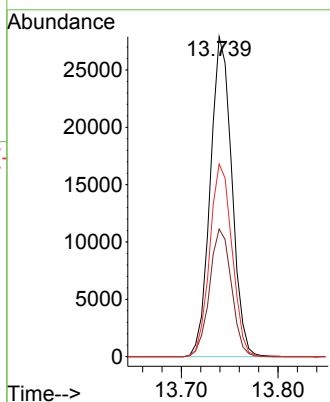
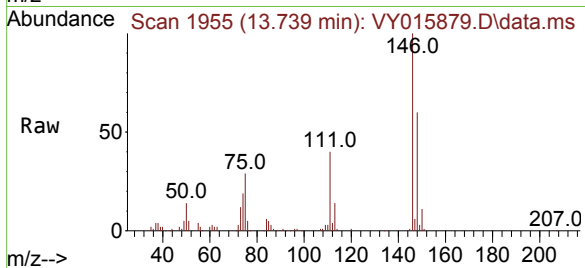




#91  
1,2-Dichlorobenzene  
Concen: 10.761 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

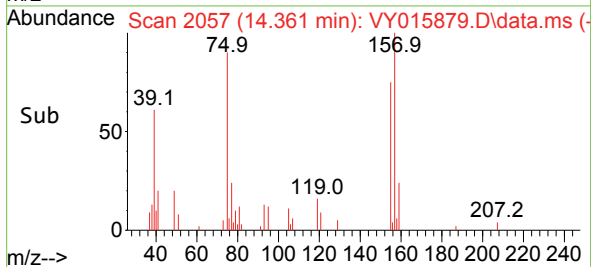
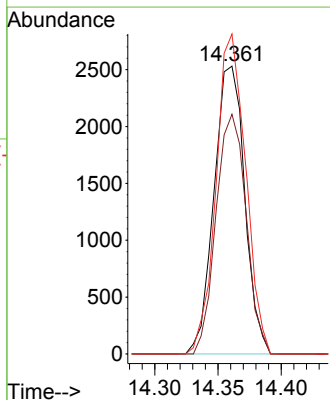
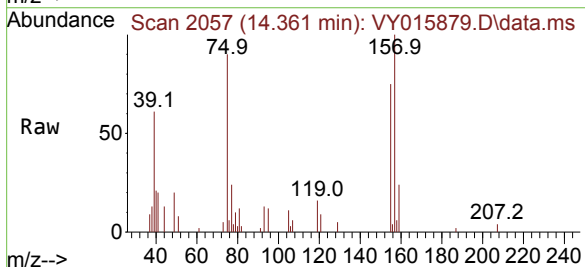
Instrument :  
MSVOA\_Y  
ClientSampleId :

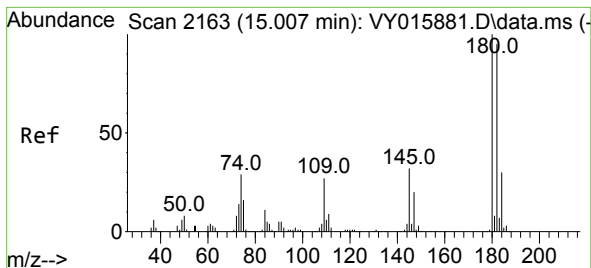
Tgt Ion:146 Resp: 43144  
Ion Ratio Lower Upper  
146 100  
111 40.6 19.7 59.0  
148 62.5 32.0 96.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 10.717 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

Tgt Ion: 75 Resp: 4264  
Ion Ratio Lower Upper  
75 100  
155 81.7 41.5 124.6  
157 107.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 10.201 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

Instrument :

MSVOA\_Y

ClientSampleId :

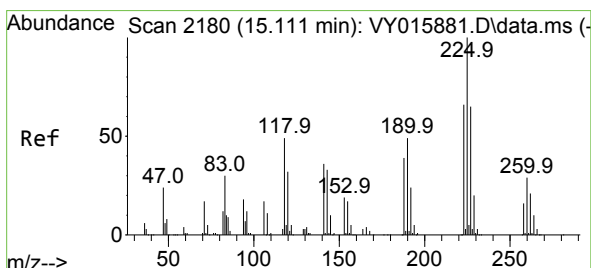
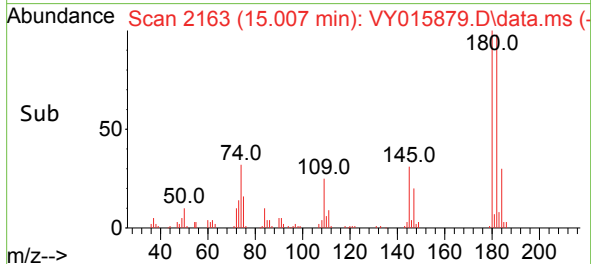
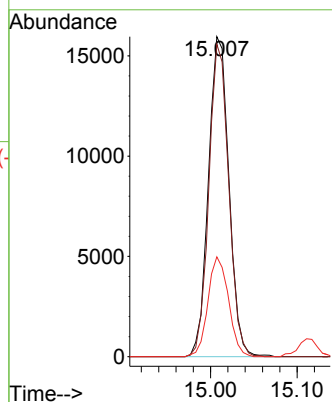
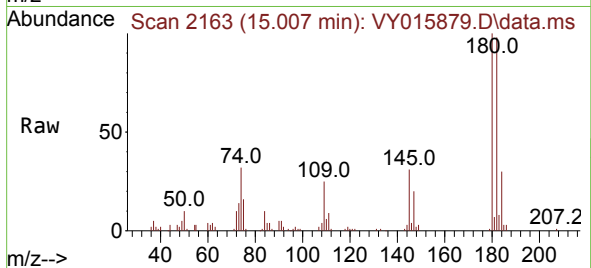
Tgt Ion:180 Resp: 26213

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.2

145 31.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 10.601 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015879.D

Acq: 09 Oct 2023 13:59

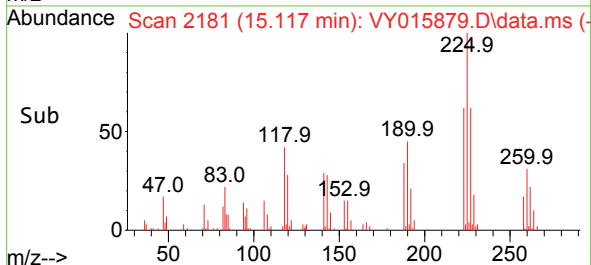
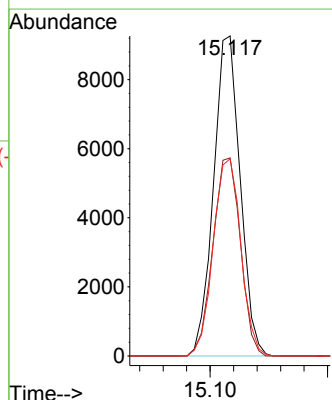
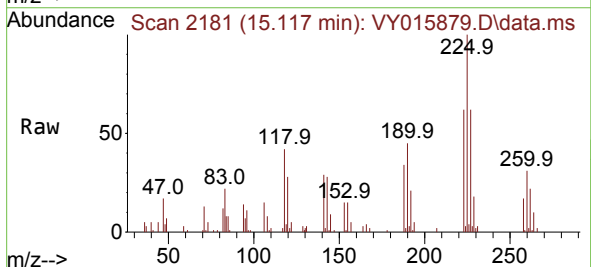
Tgt Ion:225 Resp: 14587

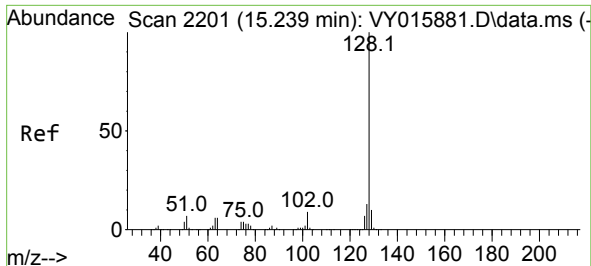
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.9

227 63.9 33.0 98.9

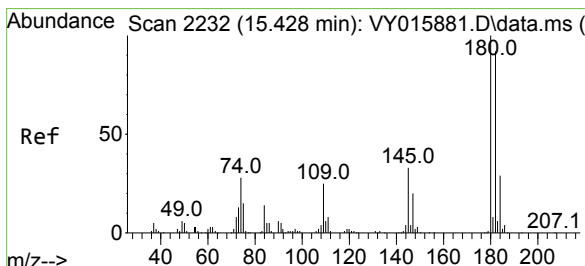
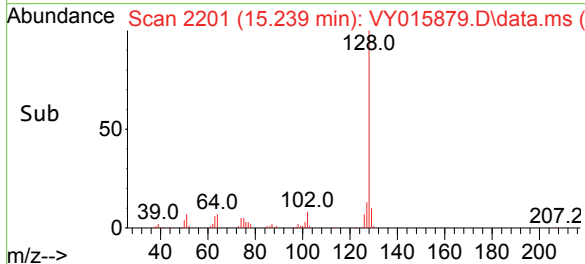
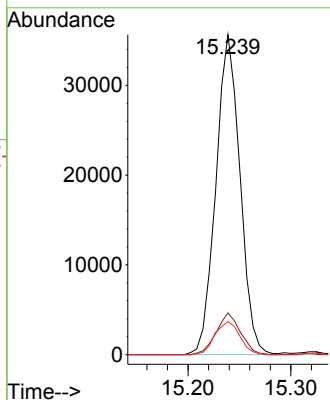
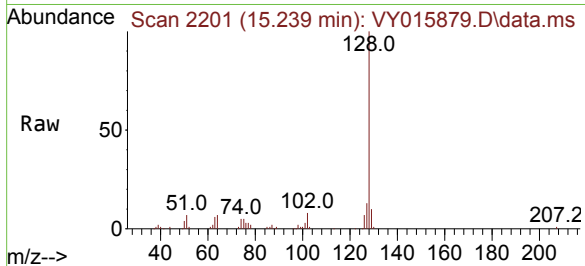




#95  
Naphthalene  
Concen: 9.759 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

Instrument :  
MSVOA\_Y  
ClientSampleId :

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.2  | 10.8  | 16.2  |
| 129     | 10.7  | 8.6   | 13.0  |



#96  
1,2,3-Trichlorobenzene  
Concen: 10.226 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.000 min  
Lab File: VY015879.D  
Acq: 09 Oct 2023 13:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.9  | 47.3  | 141.8 |
| 145     | 32.0  | 15.4  | 46.2  |

