

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092523\  
 Data File : VY015699.D  
 Acq On : 25 Sep 2023 12:50  
 Operator : SY/MD  
 Sample : VY0925SBS02  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 26 04:23:29 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091923S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 20 01:39:40 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.795  | 168  | 161015   | 50.000 | ug/l  | 0.01     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 267647   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 239559   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.434 | 152  | 124339   | 50.000 | ug/l  | 0.01     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 72746    | 41.062   | ug/l | 0.01    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 82.120% |
| 35) Dibromofluoromethane    | 7.722  | 113   | 72324    | 45.147   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 90.300% |
| 50) Toluene-d8              | 10.185 | 98    | 229530   | 42.258   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 84.520% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 92562    | 43.424   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 86.840% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 22041  | 20.767  | ug/l   | 97  |
| 3) Chloromethane             | 2.113 | 50  | 27063  | 20.212  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.247 | 62  | 31854  | 20.807  | ug/l   | 97  |
| 5) Bromomethane              | 2.644 | 94  | 21800  | 16.766  | ug/l   | 100 |
| 6) Chloroethane              | 2.784 | 64  | 23112  | 20.368  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.119 | 101 | 57223  | 22.288  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.534 | 74  | 22912  | 20.926  | ug/l   | 94  |
| 9) 1,1,2-Trichlorotrifluo... | 3.893 | 101 | 35518  | 22.094  | ug/l   | 95  |
| 10) Methyl Iodide            | 4.088 | 142 | 32303  | 18.884  | ug/l   | 96  |
| 11) Tert butyl alcohol       | 4.997 | 59  | 43142  | 86.274  | ug/l # | 88  |
| 12) 1,1-Dichloroethene       | 3.863 | 96  | 29948  | 21.141  | ug/l   | 87  |
| 13) Acrolein                 | 3.735 | 56  | 19063  | 70.260  | ug/l   | 100 |
| 14) Allyl chloride           | 4.479 | 41  | 53685  | 20.728  | ug/l   | 94  |
| 15) Acrylonitrile            | 5.168 | 53  | 85067  | 105.911 | ug/l   | 98  |
| 16) Acetone                  | 3.960 | 43  | 109722 | 115.730 | ug/l   | 90  |
| 17) Carbon Disulfide         | 4.192 | 76  | 49993  | 18.167  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.485 | 43  | 63918  | 20.093  | ug/l   | 96  |
| 19) Methyl tert-butyl Ether  | 5.228 | 73  | 121378 | 21.038  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.716 | 84  | 49993  | 21.299  | ug/l   | 93  |
| 21) trans-1,2-Dichloroethene | 5.222 | 96  | 34512  | 21.315  | ug/l   | 92  |
| 22) Diisopropyl ether        | 6.125 | 45  | 132700 | 21.290  | ug/l   | 95  |
| 23) Vinyl Acetate            | 6.064 | 43  | 410423 | 106.680 | ug/l   | 97  |
| 24) 1,1-Dichloroethane       | 6.015 | 63  | 71639  | 21.087  | ug/l   | 97  |
| 25) 2-Butanone               | 6.996 | 43  | 145409 | 108.507 | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 6.984 | 77  | 62528  | 20.137  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 6.990 | 96  | 45129  | 20.995  | ug/l   | 95  |
| 28) Bromochloromethane       | 7.338 | 49  | 15021  | 16.296  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 7.356 | 42  | 80059  | 105.698 | ug/l   | 95  |
| 30) Chloroform               | 7.509 | 83  | 78243  | 21.505  | ug/l   | 94  |
| 31) Cyclohexane              | 7.789 | 56  | 50454  | 20.558  | ug/l   | 86  |
| 32) 1,1,1-Trichloroethane    | 7.704 | 97  | 66629  | 22.184  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 7.923 | 75  | 50084  | 21.145  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.082 | 43  | 52197  | 22.093  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 7.905 | 117 | 56523  | 21.984  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.191 | 83  | 54269  | 20.715  | ug/l   | 94  |
| 40) Benzene                  | 8.161 | 78  | 154398 | 21.375  | ug/l   | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092523\  
 Data File : VY015699.D  
 Acq On : 25 Sep 2023 12:50  
 Operator : SY/MD  
 Sample : VY0925SBS02  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 26 04:23:29 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091923S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 20 01:39:40 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.313  | 41   | 20172    | 15.857  | ug/l # | 88       |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 52531    | 21.235  | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 86004    | 21.310  | ug/l   | 97       |
| 44) Trichloroethene           | 8.947  | 130  | 44366    | 21.991  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 43481    | 21.586  | ug/l   | 98       |
| 46) Dibromomethane            | 9.307  | 93   | 27128    | 21.054  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.502  | 83   | 61569    | 21.437  | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.301  | 41   | 37359    | 21.090  | ug/l   | 91       |
| 49) 1,4-Dioxane               | 9.319  | 88   | 12133    | 476.631 | ug/l # | 57       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 274823   | 109.866 | ug/l   | 94       |
| 52) Toluene                   | 10.246 | 92   | 101579   | 21.813  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 64808    | 21.042  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 70321    | 21.211  | ug/l   | 90       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 41751    | 22.110  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 59179    | 21.266  | ug/l # | 87       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 68188    | 21.533  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 83804    | 94.809  | ug/l   | 97       |
| 59) 2-Hexanone                | 10.837 | 43   | 219397   | 114.321 | ug/l   | 91       |
| 60) Dibromochloromethane      | 10.990 | 129  | 47515    | 21.556  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 40010    | 21.658  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.727 | 164  | 47164    | 22.947  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.520 | 112  | 115921   | 22.168  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 45644    | 22.472  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.599 | 91   | 204871   | 22.415  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.709 | 106  | 155626   | 44.798  | ug/l   | 96       |
| 69) o-Xylene                  | 12.032 | 106  | 76101    | 22.340  | ug/l   | 97       |
| 70) Styrene                   | 12.050 | 104  | 129992   | 22.294  | ug/l   | 98       |
| 71) Bromoform                 | 12.215 | 173  | 32863    | 22.327  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.337 | 105  | 206871   | 22.179  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.148 | 43   | 77400    | 22.078  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 55925    | 21.543  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 73364    | 36.985  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 49356    | 21.556  | ug/l   | 94       |
| 78) n-propylbenzene           | 12.678 | 91   | 251259   | 22.173  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.764 | 91   | 140888   | 21.812  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.819 | 105  | 173165   | 22.176  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.386 | 75   | 18612    | 21.129  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 12.861 | 91   | 147229   | 21.834  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.081 | 119  | 152252   | 22.262  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 171763   | 21.984  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.258 | 105  | 230233   | 22.495  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 190555   | 22.288  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.373 | 146  | 99056    | 21.808  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.453 | 146  | 99362    | 21.872  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.703 | 91   | 180009   | 22.235  | ug/l   | 97       |
| 90) Hexachloroethane          | 13.965 | 117  | 35902    | 21.758  | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 13.745 | 146  | 91708    | 21.871  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 11047    | 21.427  | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 15.013 | 180  | 58402    | 22.124  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 29377    | 21.731  | ug/l   | 98       |
| 95) Naphthalene               | 15.245 | 128  | 150252   | 21.829  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 53633    | 22.013  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092523\  
Data File : VY015699.D  
Acq On : 25 Sep 2023 12:50  
Operator : SY/MD  
Sample : VY0925SBSD02  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Sep 26 04:23:29 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091923S.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 20 01:39:40 2023  
Response via : Initial Calibration

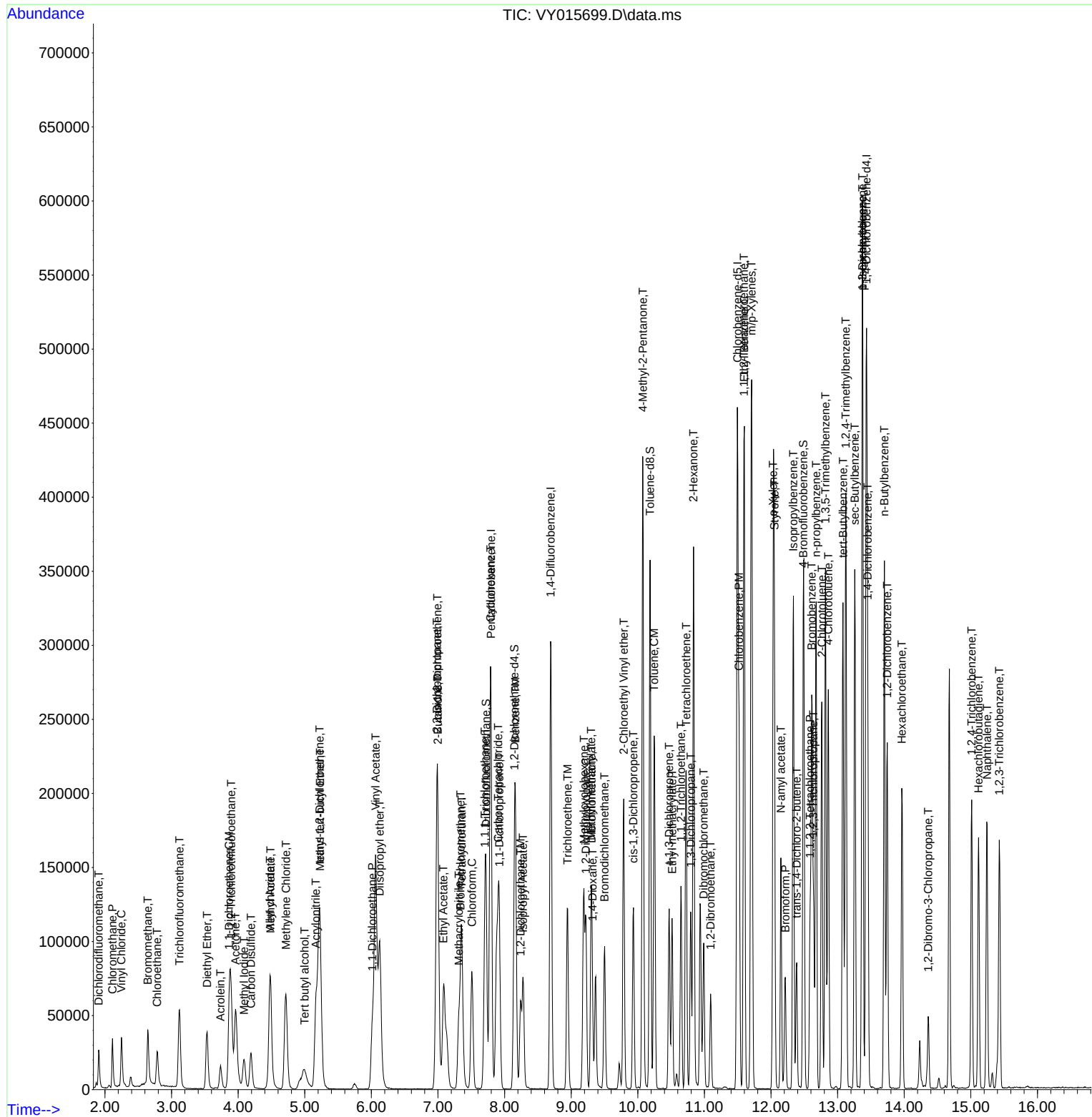
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

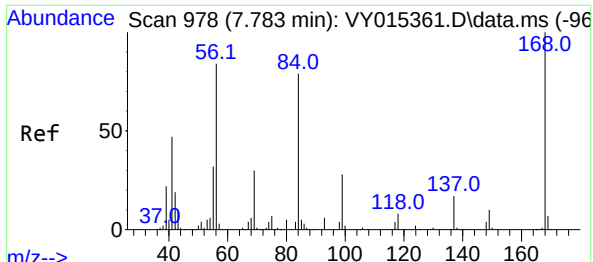
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092523\  
Data File : VY015699.D  
Acq On : 25 Sep 2023 12:50  
Operator : SY/MD  
Sample : VY0925SBS02  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Sep 26 04:23:29 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091923S.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 20 01:39:40 2023  
Response via : Initial Calibration

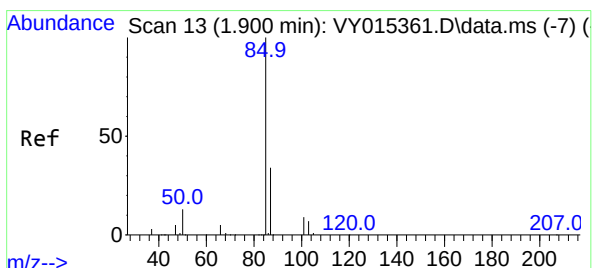
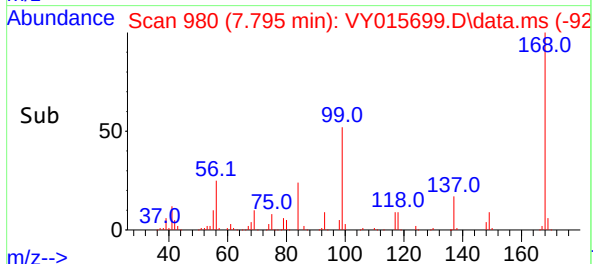
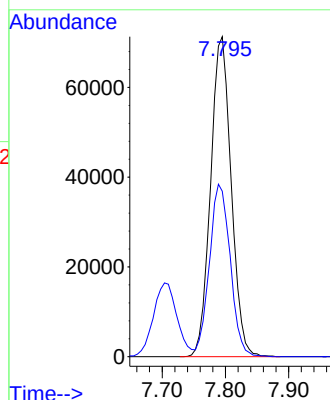
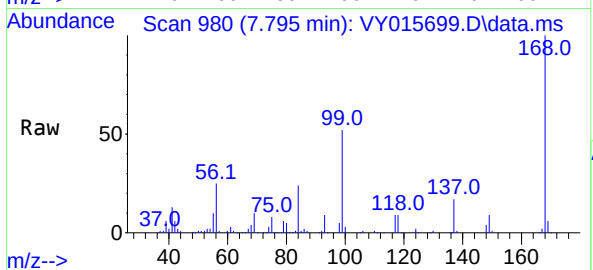




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

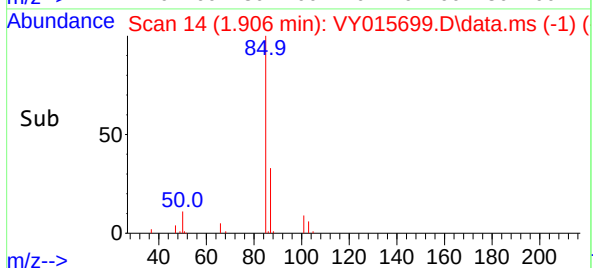
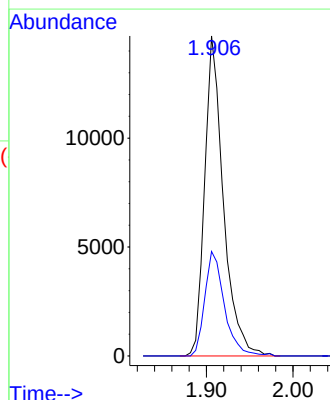
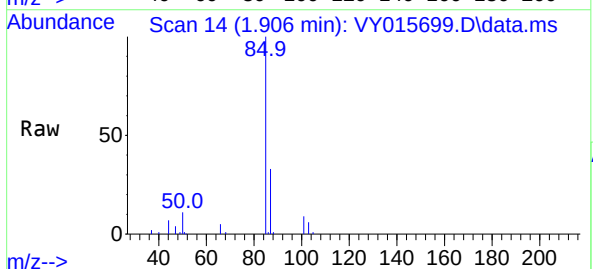
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:168 Resp: 161015  
Ion Ratio Lower Upper  
168 100  
99 51.7 43.4 65.0

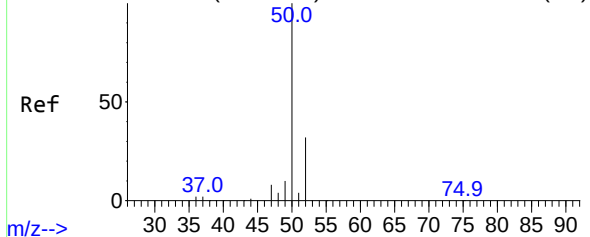


#2  
Dichlorodifluoromethane  
Concen: 20.767 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion: 85 Resp: 22041  
Ion Ratio Lower Upper  
85 100  
87 32.6 15.6 46.8



Abundance Scan 47 (2.107 min): VY015361.D\data.ms (-41)



#3

Chloromethane

Concen: 20.212 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015699.D

Acq: 25 Sep 2023 12:50

Instrument :

MSVOA\_Y

ClientSampleId :

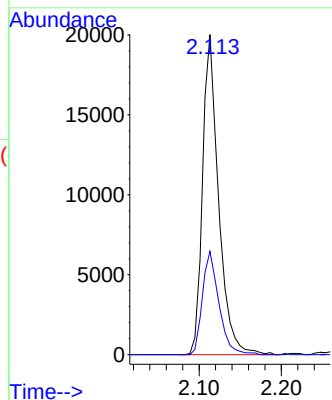
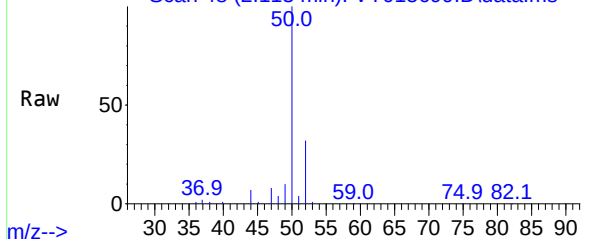
Tgt Ion: 50 Resp: 27063

Ion Ratio Lower Upper

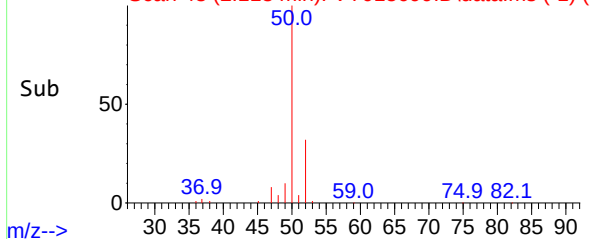
50 100

52 32.3 25.4 38.2

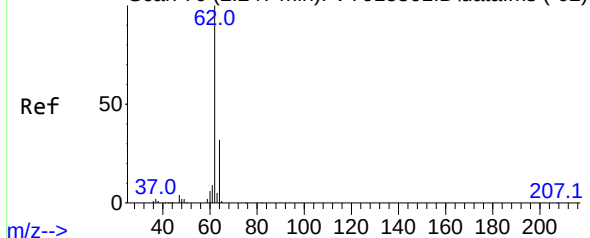
Abundance Scan 48 (2.113 min): VY015699.D\data.ms



Abundance Scan 48 (2.113 min): VY015699.D\data.ms (-1)



Abundance Scan 70 (2.247 min): VY015361.D\data.ms (-62)



#4

Vinyl Chloride

Concen: 20.807 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.006 min

Lab File: VY015699.D

Acq: 25 Sep 2023 12:50

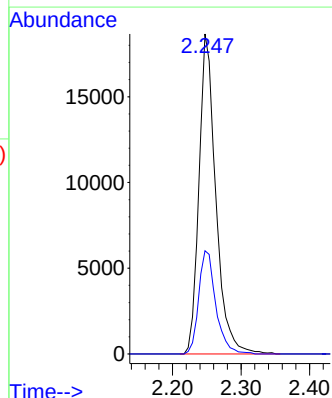
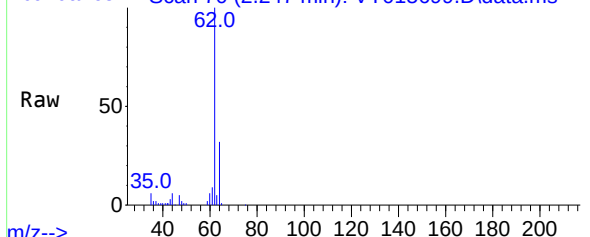
Tgt Ion: 62 Resp: 31854

Ion Ratio Lower Upper

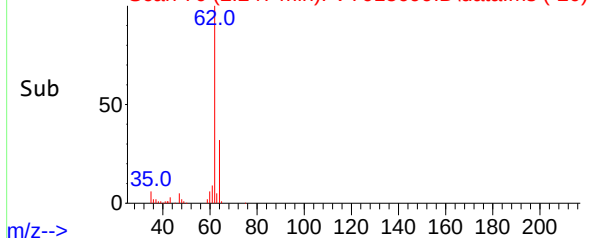
62 100

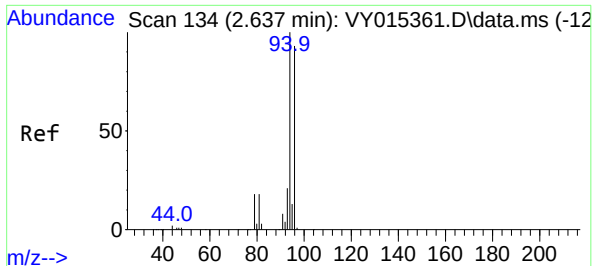
64 32.3 24.3 36.5

Abundance Scan 70 (2.247 min): VY015699.D\data.ms



Abundance Scan 70 (2.247 min): VY015699.D\data.ms (-20)

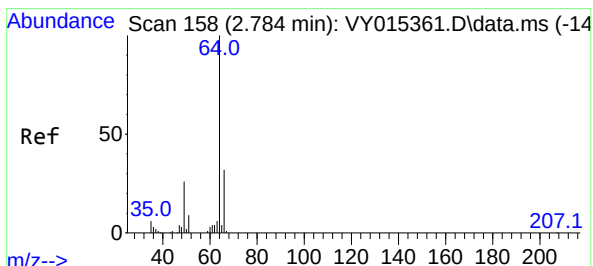
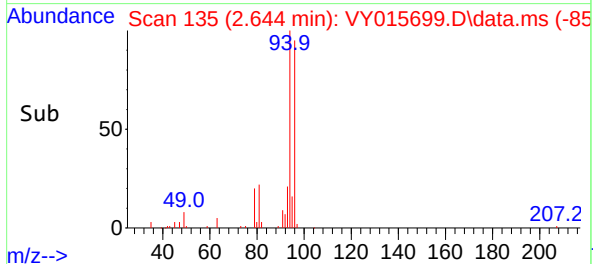
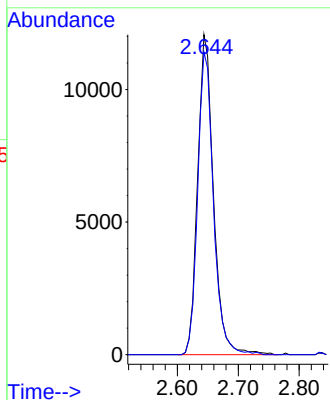
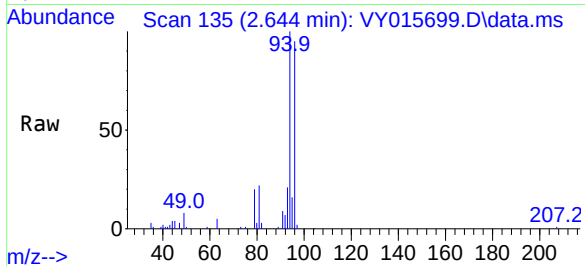




#5  
Bromomethane  
Concen: 16.766 ug/l  
RT: 2.644 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

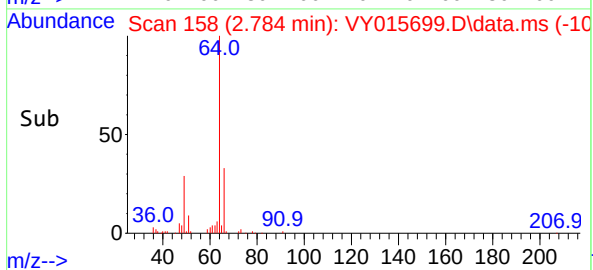
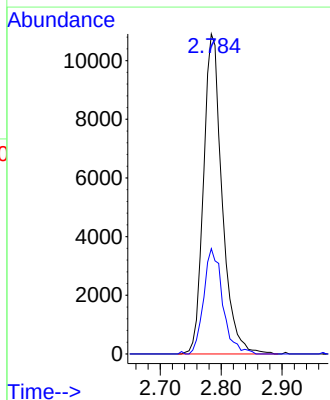
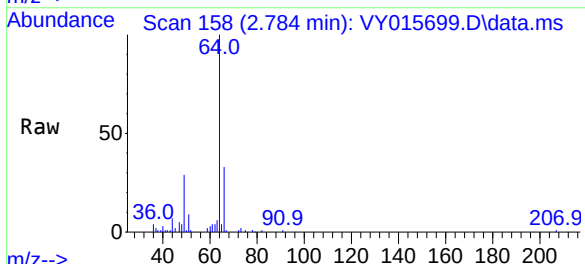
Instrument :  
MSVOA\_Y  
ClientSampleId :

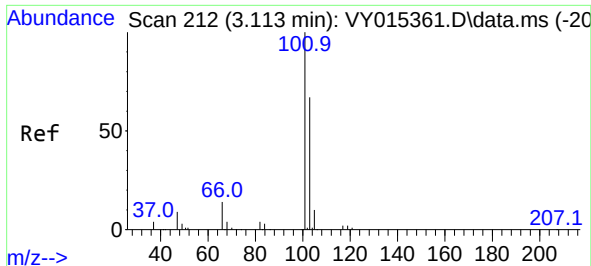
Tgt Ion: 94 Resp: 21800  
Ion Ratio Lower Upper  
94 100  
96 94.6 75.8 113.6



#6  
Chloroethane  
Concen: 20.368 ug/l  
RT: 2.784 min Scan# 158  
Delta R.T. -0.000 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

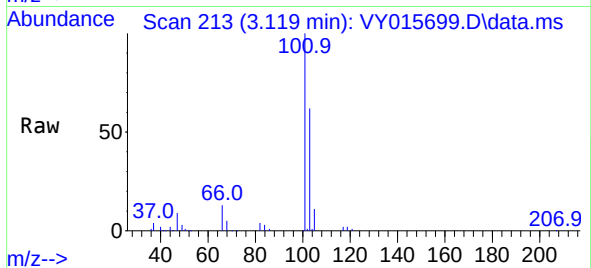
Tgt Ion: 64 Resp: 23112  
Ion Ratio Lower Upper  
64 100  
66 32.9 24.4 36.6



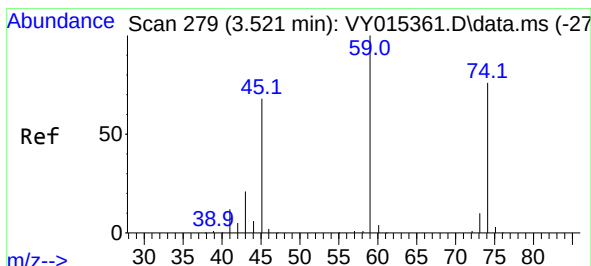
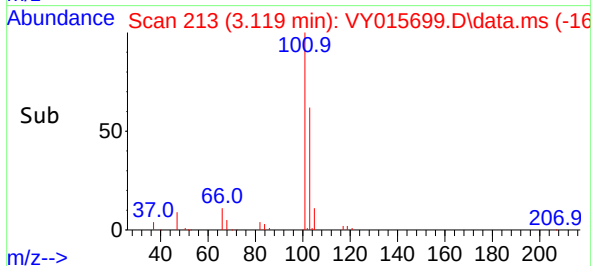
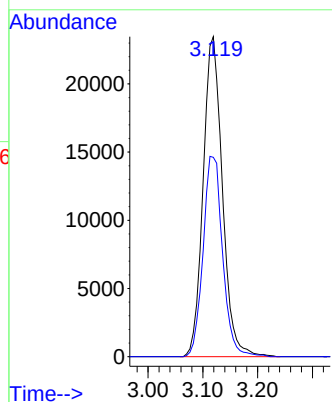


#7  
Trichlorofluoromethane  
Concen: 22.288 ug/l  
RT: 3.119 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Instrument :  
MSVOA\_Y  
ClientSampleId :

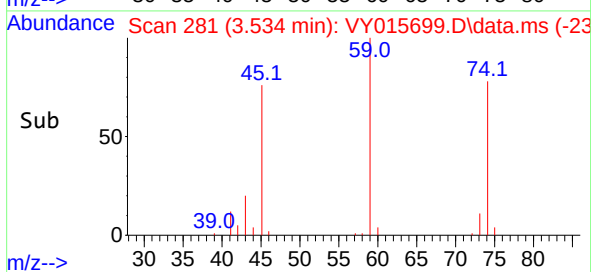
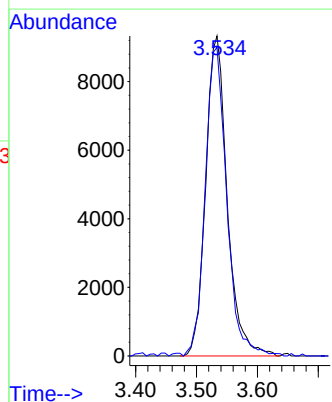
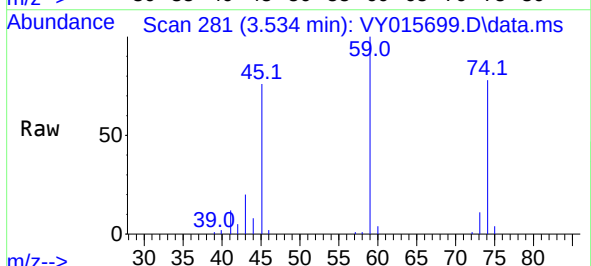


Tgt Ion:101 Resp: 57223  
Ion Ratio Lower Upper  
101 100  
103 62.3 51.4 77.0

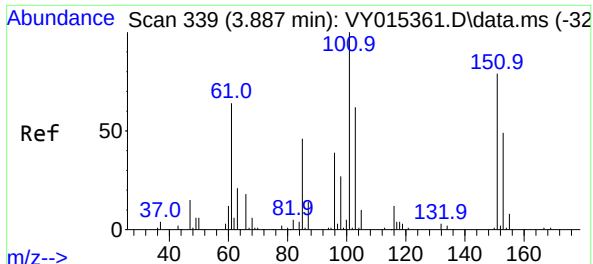


#8  
Diethyl Ether  
Concen: 20.926 ug/l  
RT: 3.534 min Scan# 281  
Delta R.T. 0.013 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion: 74 Resp: 22912  
Ion Ratio Lower Upper  
74 100  
45 96.7 51.5 154.5



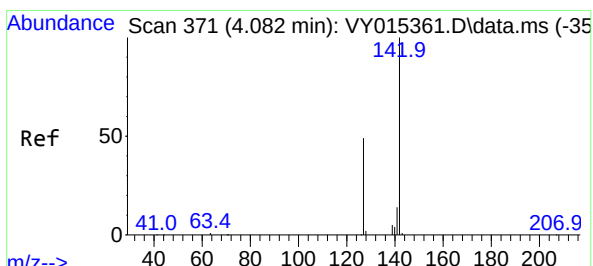
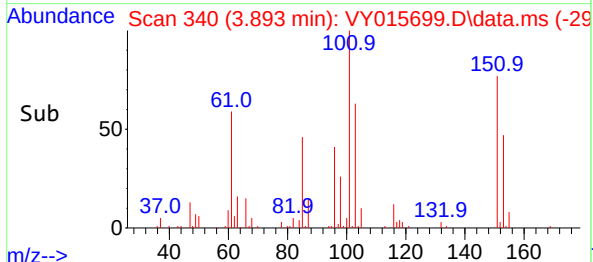
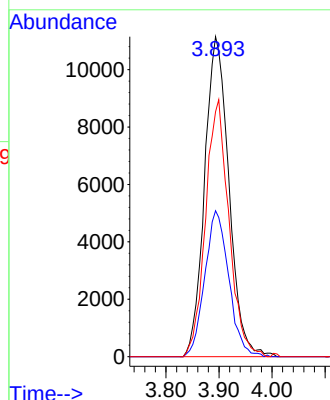
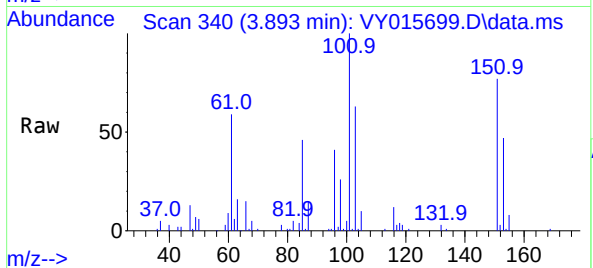




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 22.094 ug/l  
RT: 3.893 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

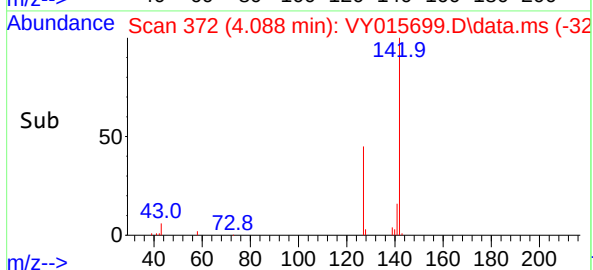
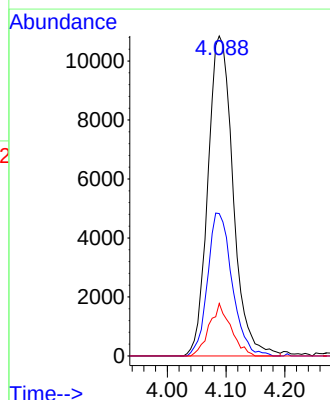
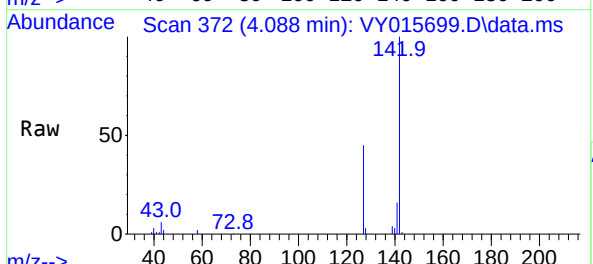
Instrument :  
MSVOA\_Y  
ClientSampleId :

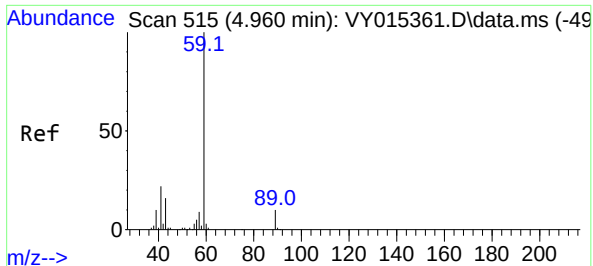
Tgt Ion:101 Resp: 35518  
Ion Ratio Lower Upper  
101 100  
85 45.0 36.6 55.0  
151 77.2 67.0 100.6



#10  
Methyl Iodide  
Concen: 18.884 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion:142 Resp: 32303  
Ion Ratio Lower Upper  
142 100  
127 43.5 37.6 56.4  
141 14.1 11.8 17.8





#11

Tert butyl alcohol

Concen: 86.274 ug/l

RT: 4.997 min Scan# 51

Delta R.T. 0.043 min

Lab File: VY015699.D

Acq: 25 Sep 2023 12:50

Instrument :

MSVOA\_Y

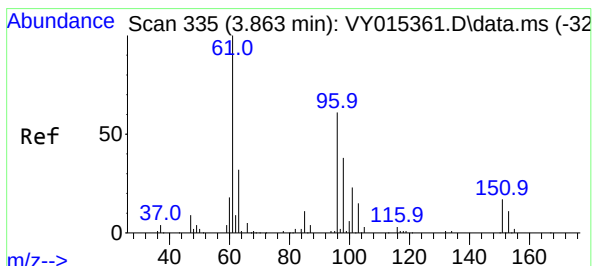
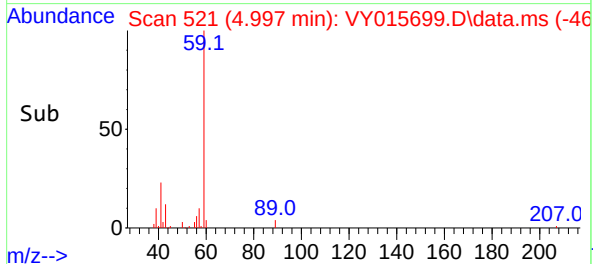
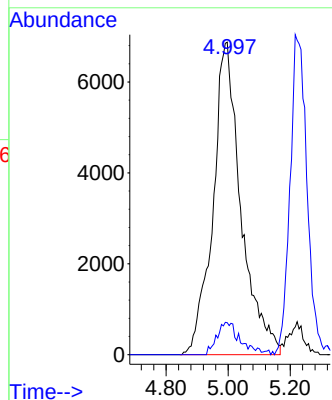
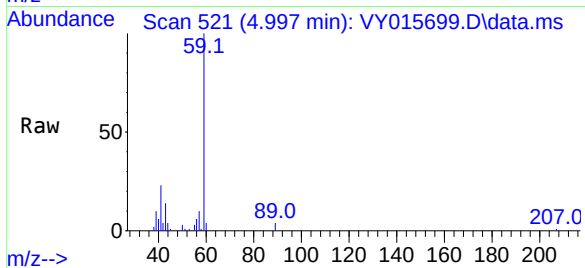
ClientSampleId :

Tgt Ion: 59 Resp: 43142

Ion Ratio Lower Upper

59 100

57 7.7 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 21.141 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY015699.D

Acq: 25 Sep 2023 12:50

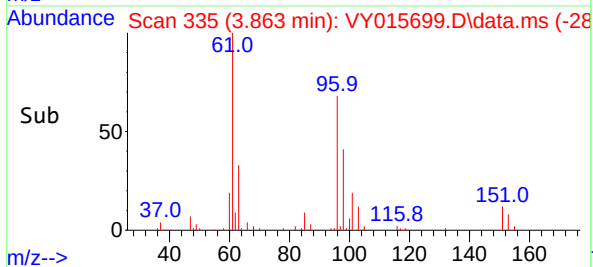
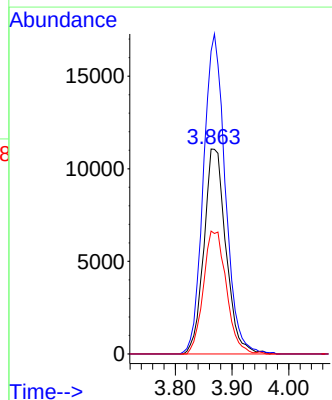
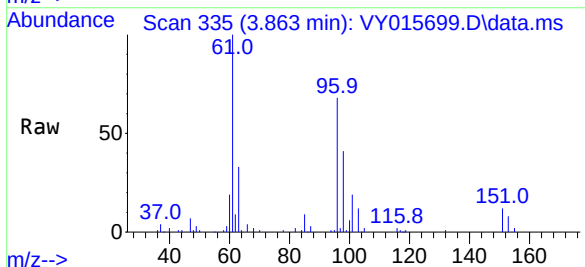
Tgt Ion: 96 Resp: 29948

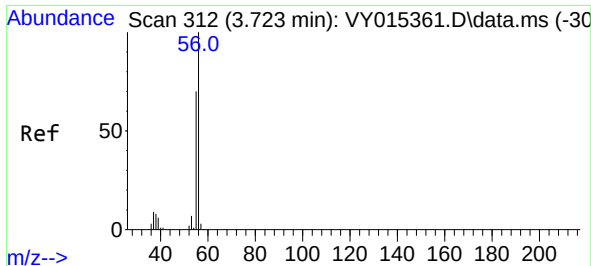
Ion Ratio Lower Upper

96 100

61 147.7 136.4 204.6

98 60.0 49.4 74.2





#13

Acrolein

Concen: 70.260 ug/l

RT: 3.735 min Scan# 312

Delta R.T. 0.012 min

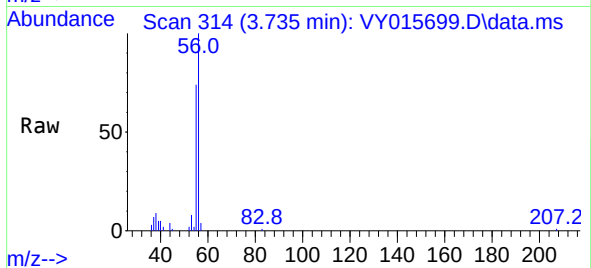
Lab File: VY015699.D

Acq: 25 Sep 2023 12:50

Instrument :

MSVOA\_Y

ClientSampleId :

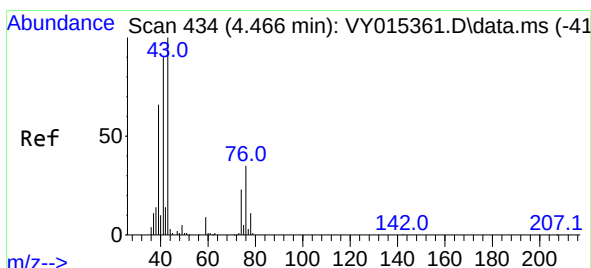
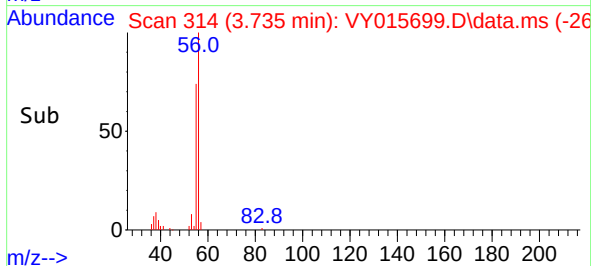
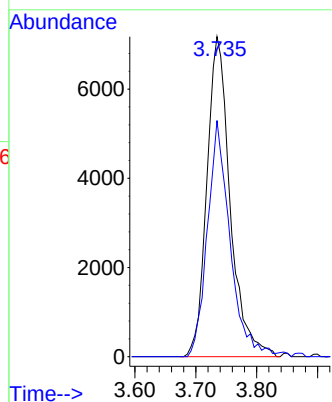


Tgt Ion: 56 Resp: 19063

Ion Ratio Lower Upper

56 100

55 71.4 57.0 85.4



#14

Allyl chloride

Concen: 20.728 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.007 min

Lab File: VY015699.D

Acq: 25 Sep 2023 12:50

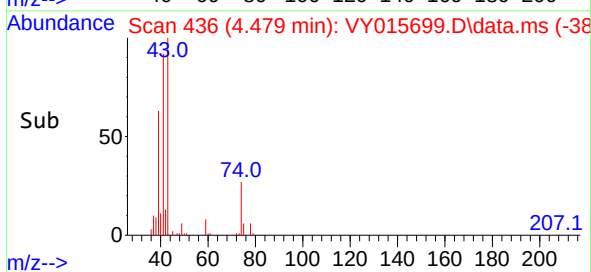
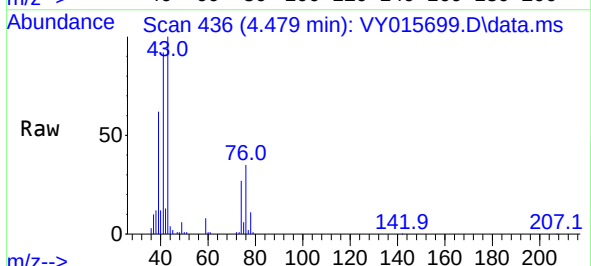
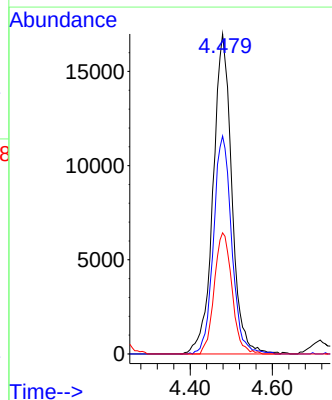
Tgt Ion: 41 Resp: 53685

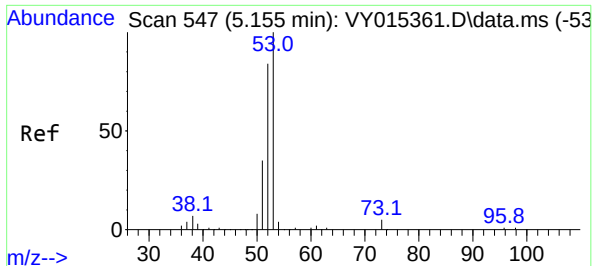
Ion Ratio Lower Upper

41 100

39 66.2 58.0 87.0

76 35.9 27.4 41.2

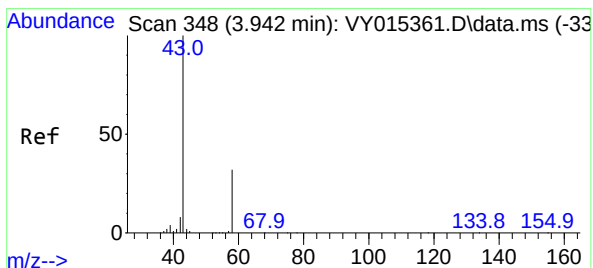
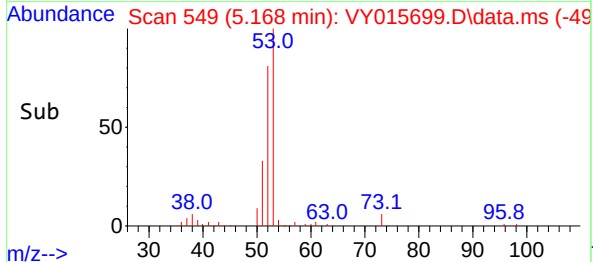
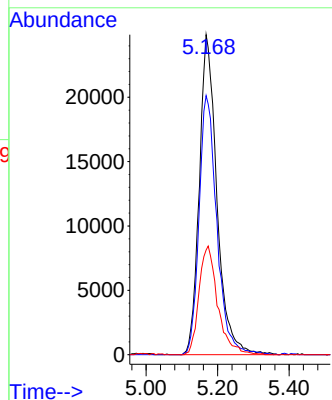
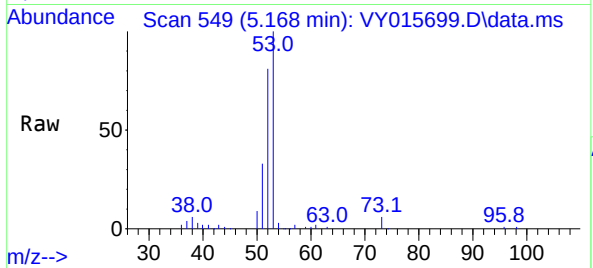




#15  
Acrylonitrile  
Concen: 105.911 ug/l  
RT: 5.168 min Scan# 54  
Delta R.T. 0.007 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

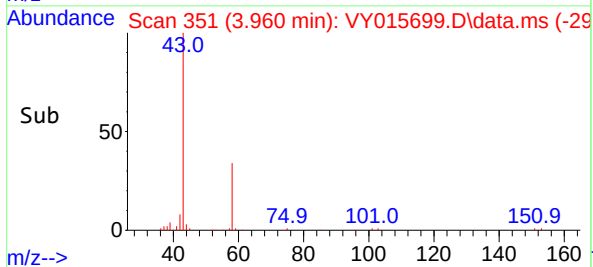
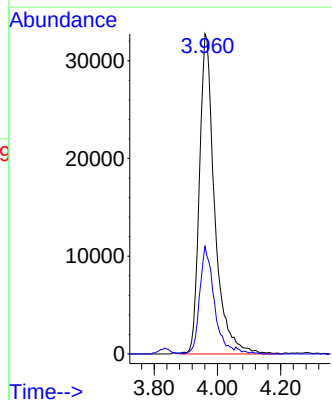
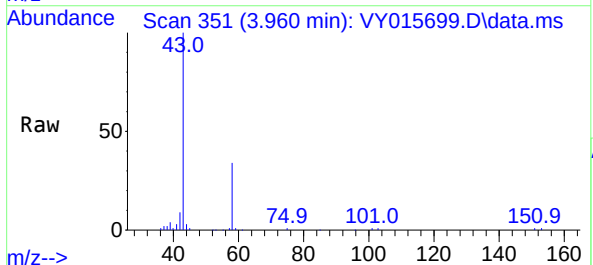
Instrument :  
MSVOA\_Y  
ClientSampleId :

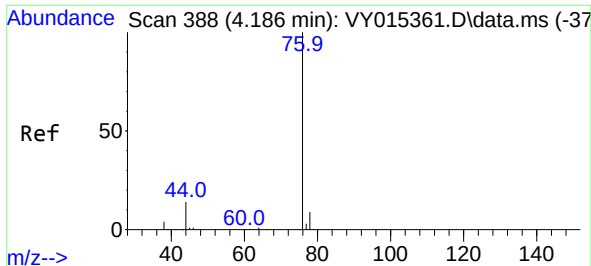
Tgt Ion: 53 Resp: 85067  
Ion Ratio Lower Upper  
53 100  
52 81.9 66.9 100.3  
51 36.2 29.8 44.6



#16  
Acetone  
Concen: 115.730 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. 0.018 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion: 43 Resp: 109722  
Ion Ratio Lower Upper  
43 100  
58 33.6 22.7 34.1

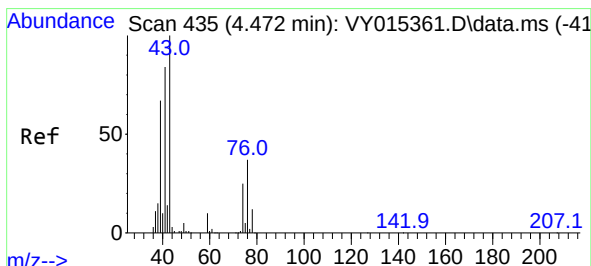
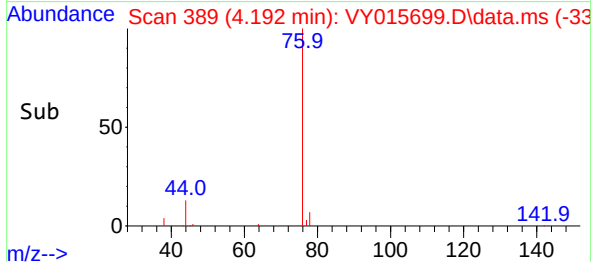
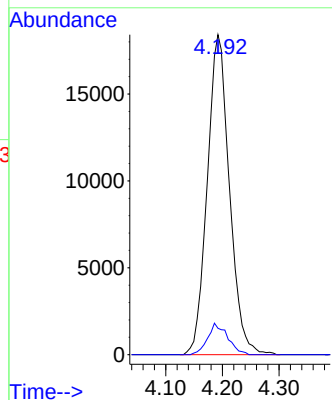
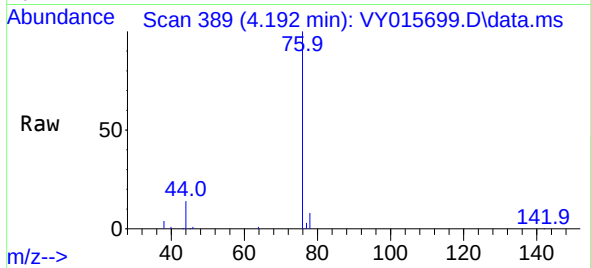




#17  
Carbon Disulfide  
Concen: 18.167 ug/l  
RT: 4.192 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

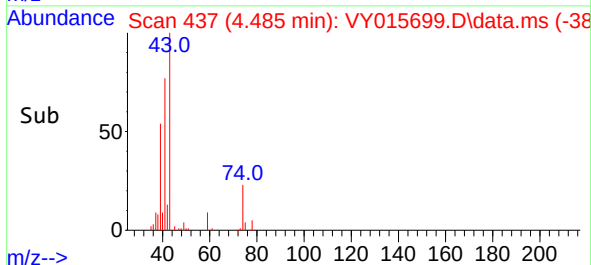
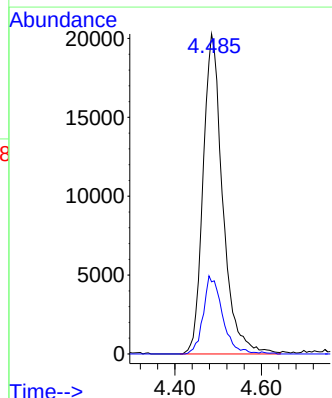
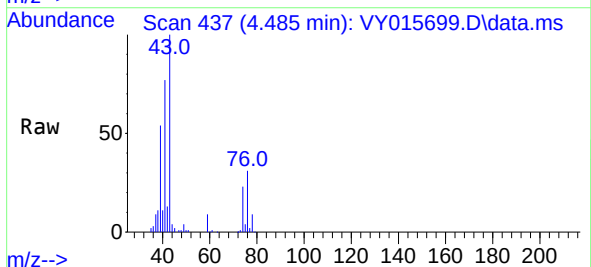
Instrument :  
MSVOA\_Y  
ClientSampleId :

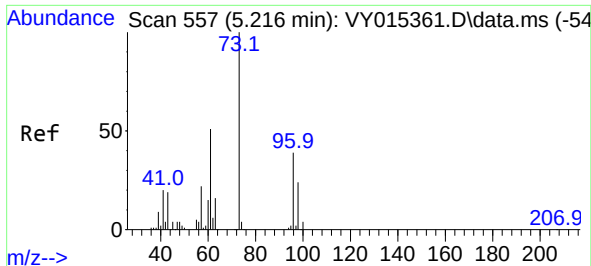
Tgt Ion: 76 Resp: 49993  
Ion Ratio Lower Upper  
76 100  
78 8.3 7.0 10.4



#18  
Methyl Acetate  
Concen: 20.093 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. 0.013 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion: 43 Resp: 63918  
Ion Ratio Lower Upper  
43 100  
74 23.7 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 21.038 ug/l

RT: 5.228 min Scan# 5

Delta R.T. 0.018 min

Lab File: VY015699.D

Acq: 25 Sep 2023 12:50

Instrument :

MSVOA\_Y

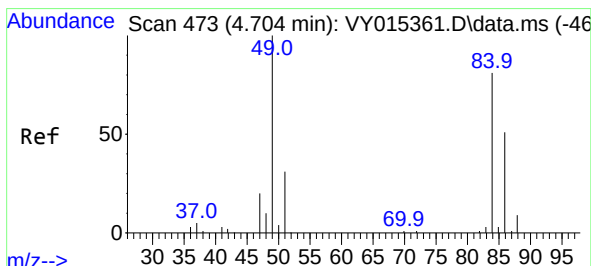
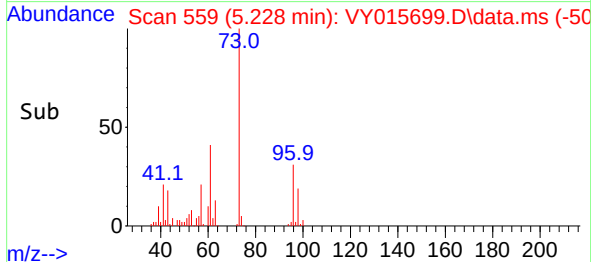
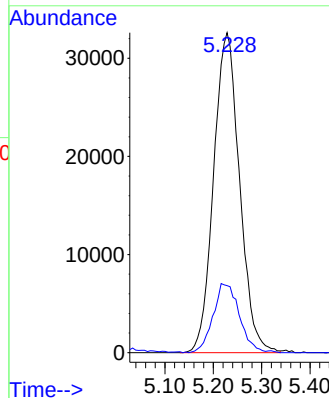
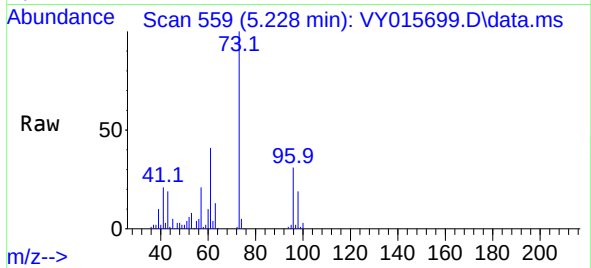
ClientSampleId :

Tgt Ion: 73 Resp: 121378

Ion Ratio Lower Upper

73 100

57 21.0 17.3 25.9



#20

Methylene Chloride

Concen: 21.299 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY015699.D

Acq: 25 Sep 2023 12:50

Tgt Ion: 84 Resp: 49993

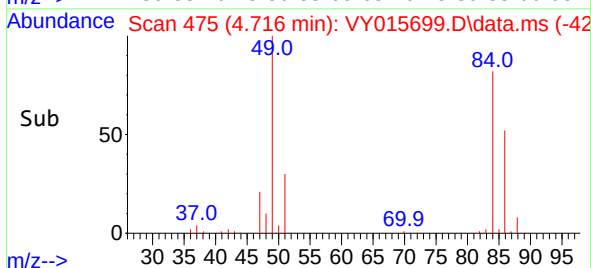
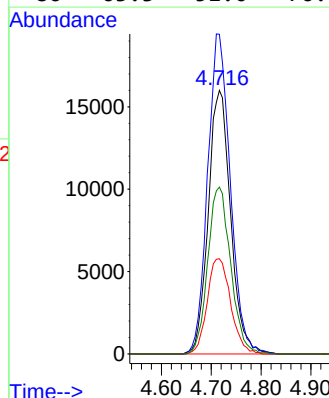
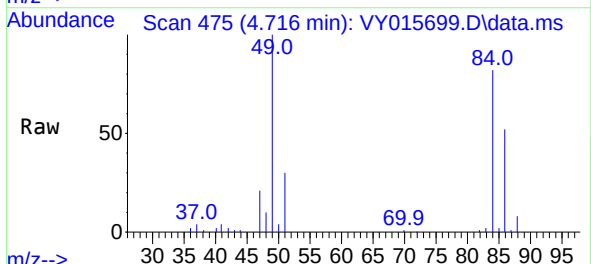
Ion Ratio Lower Upper

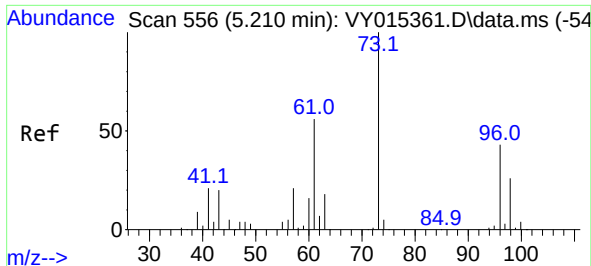
84 100

49 121.3 106.9 160.3

51 36.1 33.2 49.8

86 63.3 51.0 76.6

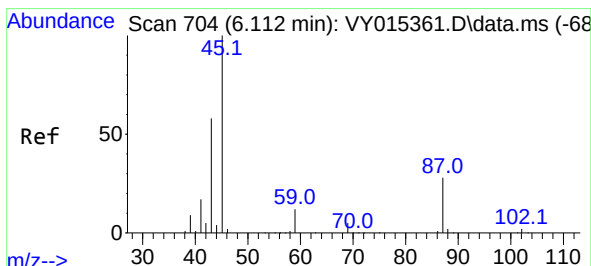
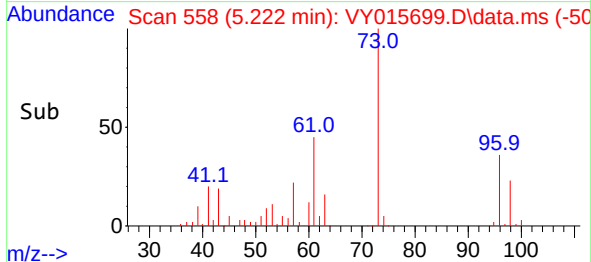
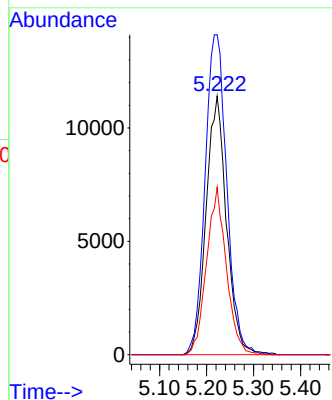
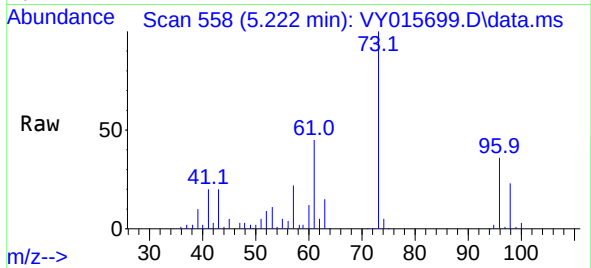




#21  
trans-1,2-Dichloroethene  
Concen: 21.315 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

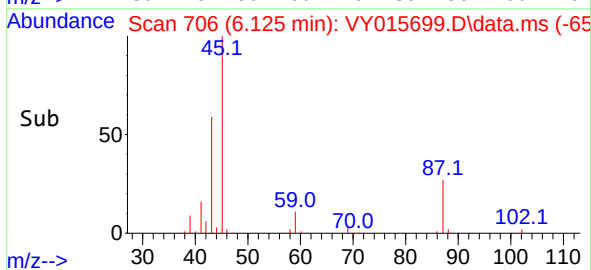
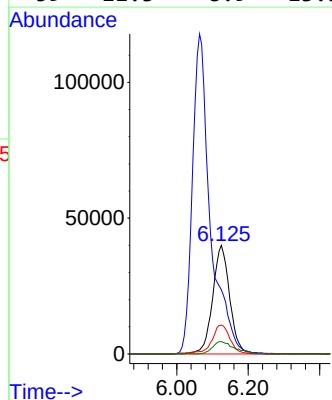
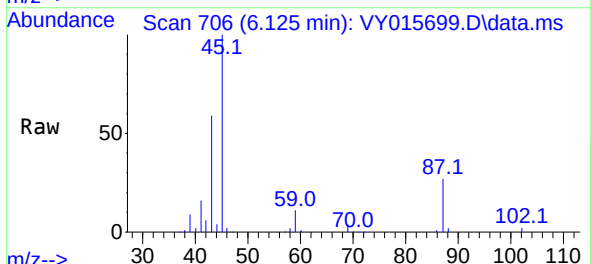
Instrument :  
MSVOA\_Y  
ClientSampleId :

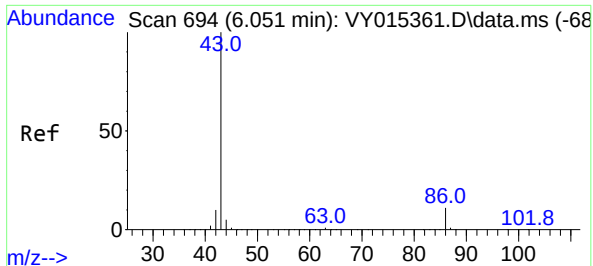
Tgt Ion: 96 Resp: 34512  
Ion Ratio Lower Upper  
96 100  
61 123.8 110.2 165.4  
98 64.7 51.8 77.6



#22  
Diisopropyl ether  
Concen: 21.290 ug/l  
RT: 6.125 min Scan# 706  
Delta R.T. 0.013 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion: 45 Resp: 132700  
Ion Ratio Lower Upper  
45 100  
43 59.0 52.2 78.4  
87 26.5 21.0 31.6  
59 11.3 8.9 13.3

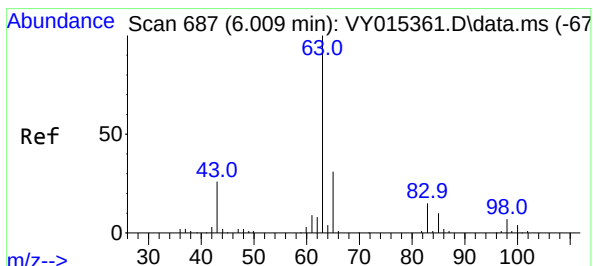
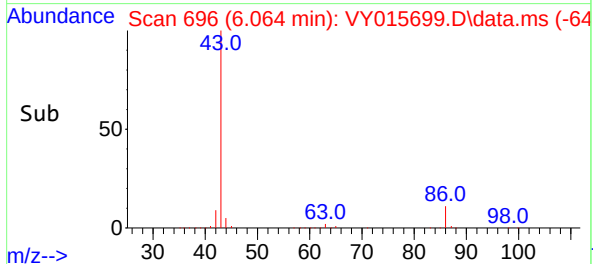
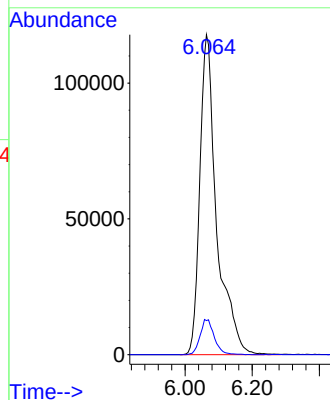
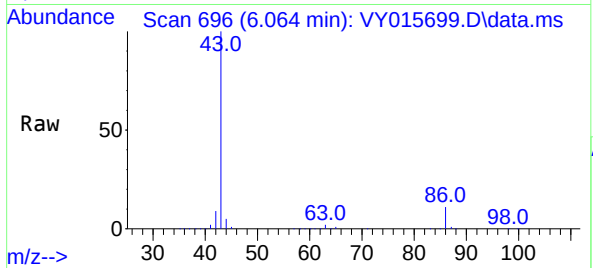




#23  
 Vinyl Acetate  
 Concen: 106.680 ug/l  
 RT: 6.064 min Scan# 694  
 Delta R.T. 0.013 min  
 Lab File: VY015699.D  
 Acq: 25 Sep 2023 12:50

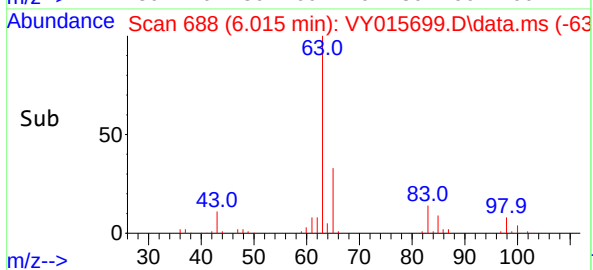
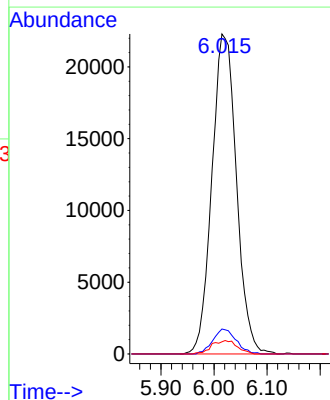
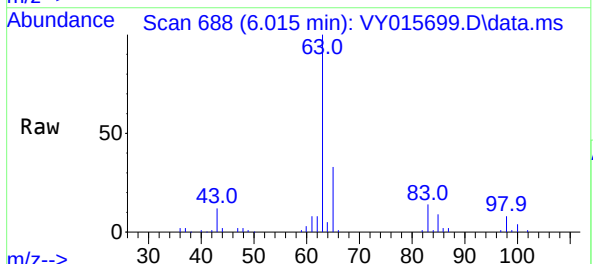
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion: 43 Resp: 410423  
 Ion Ratio Lower Upper  
 43 100  
 86 10.7 7.5 11.3

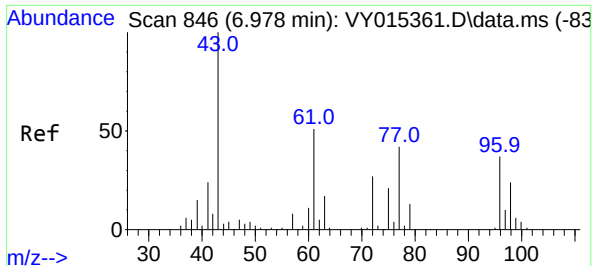


#24  
 1,1-Dichloroethane  
 Concen: 21.087 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. 0.012 min  
 Lab File: VY015699.D  
 Acq: 25 Sep 2023 12:50

Tgt Ion: 63 Resp: 71639  
 Ion Ratio Lower Upper  
 63 100  
 98 7.8 3.1 9.4  
 100 3.8 1.8 5.5







#25

2-Butanone

Concen: 108.507 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.018 min

Lab File: VY015699.D

Acq: 25 Sep 2023 12:50

Instrument :

MSVOA\_Y

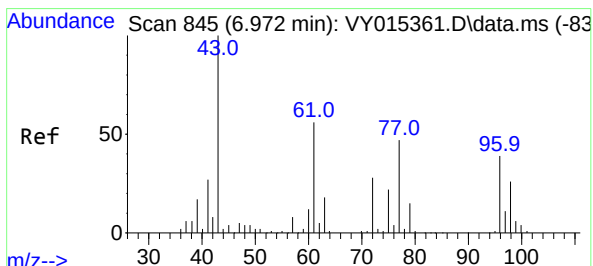
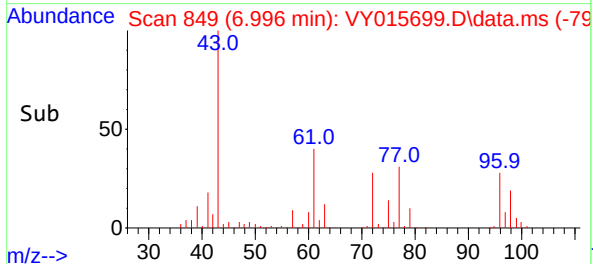
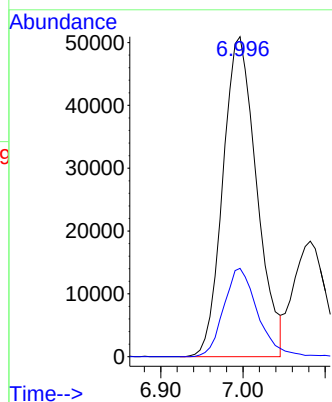
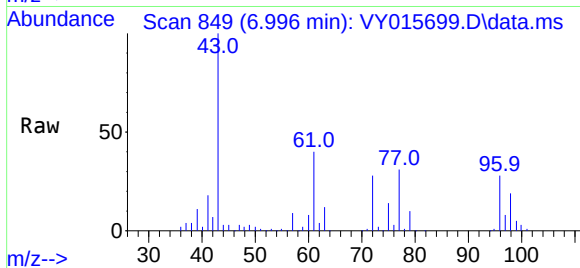
ClientSampleId :

Tgt Ion: 43 Resp: 145409

Ion Ratio Lower Upper

43 100

72 27.6 20.5 30.7



#26

2,2-Dichloropropane

Concen: 20.137 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY015699.D

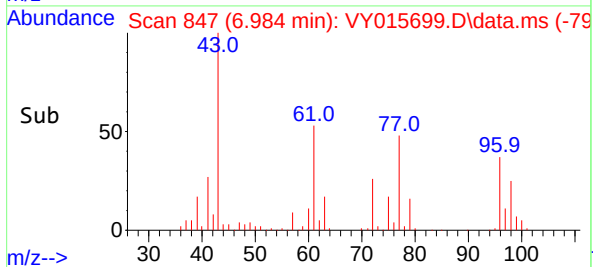
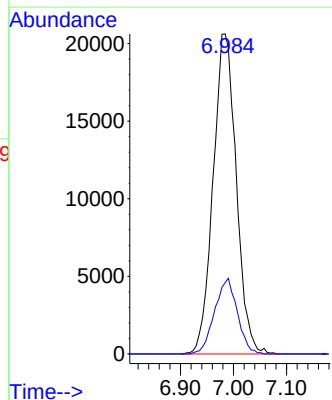
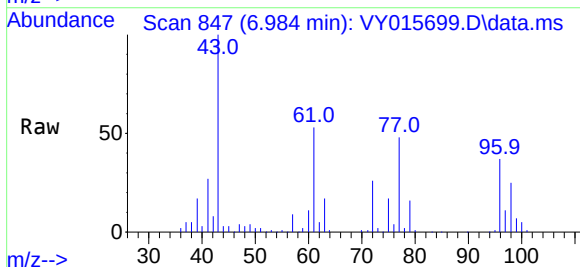
Acq: 25 Sep 2023 12:50

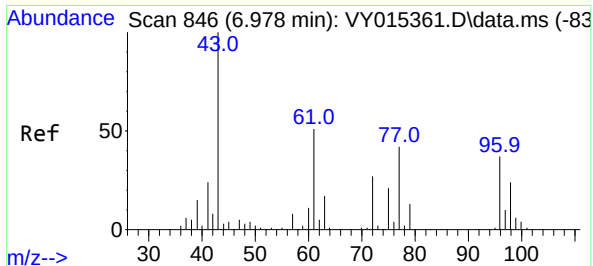
Tgt Ion: 77 Resp: 62528

Ion Ratio Lower Upper

77 100

97 23.1 10.9 32.9

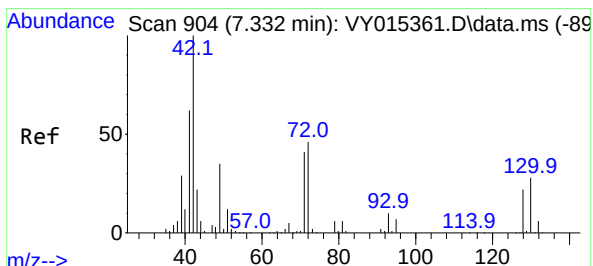
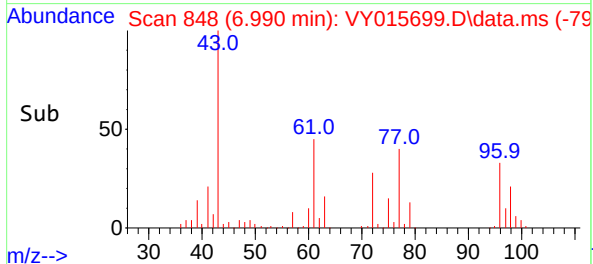
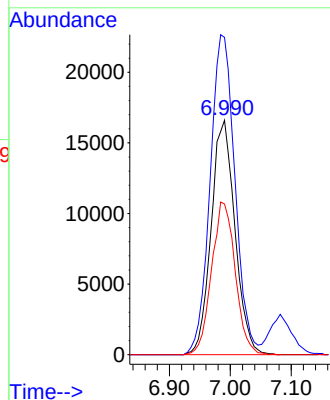
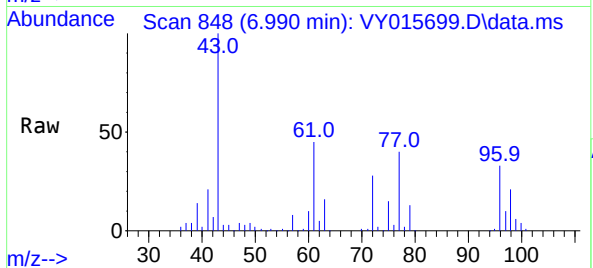




#27  
cis-1,2-Dichloroethene  
Concen: 20.995 ug/l  
RT: 6.990 min Scan# 846  
Delta R.T. 0.012 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

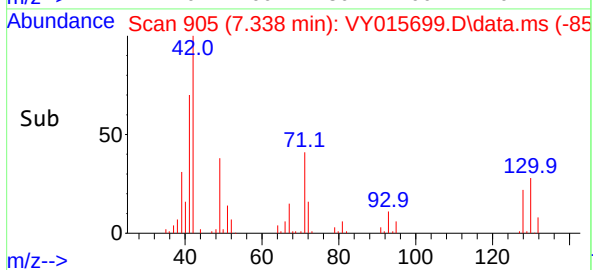
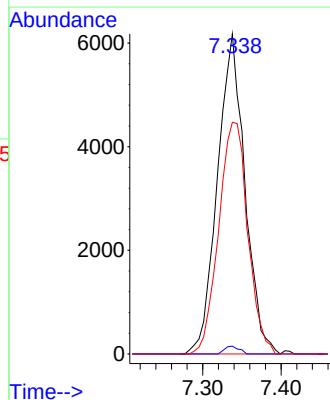
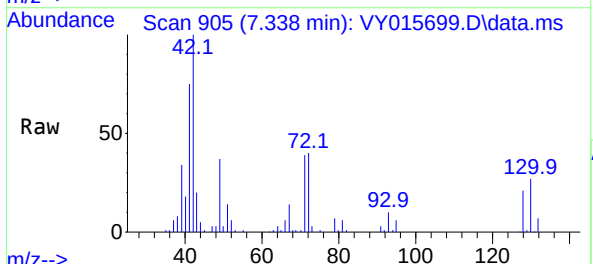
Instrument :  
MSVOA\_Y  
ClientSampleId :

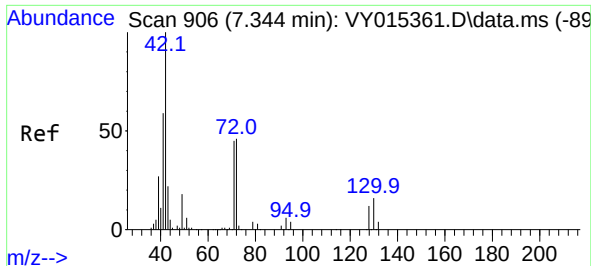
Tgt Ion: 96 Resp: 45129  
Ion Ratio Lower Upper  
96 100  
61 141.9 0.0 301.4  
98 64.6 0.0 130.4



#28  
Bromochloromethane  
Concen: 16.296 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. 0.012 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion: 49 Resp: 15021  
Ion Ratio Lower Upper  
49 100  
129 1.3 0.0 4.6  
130 76.7 60.7 91.1

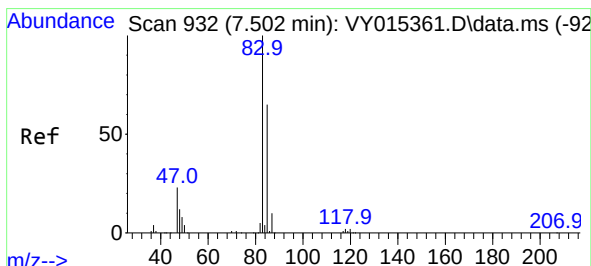
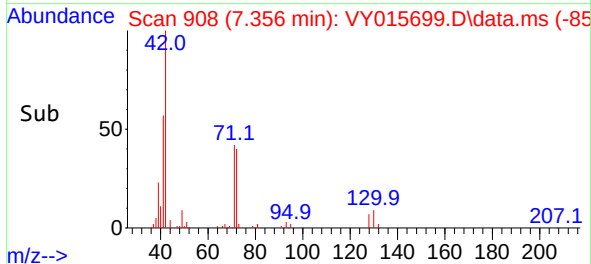
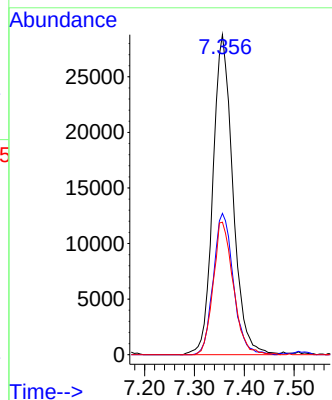
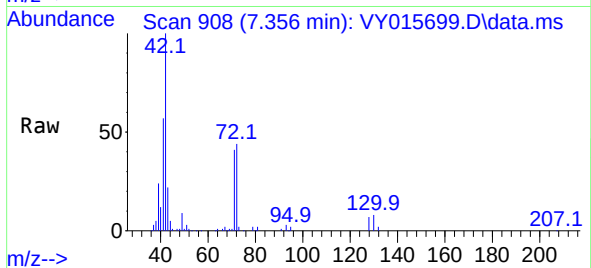




#29  
Tetrahydrofuran  
Concen: 105.698 ug/l  
RT: 7.356 min Scan# 906  
Delta R.T. 0.012 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

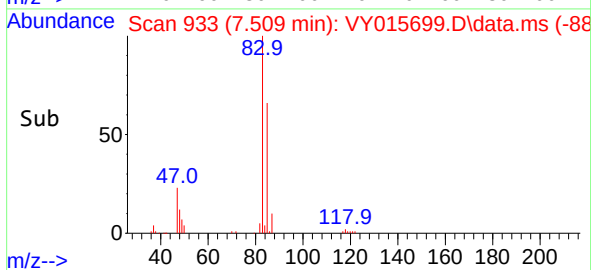
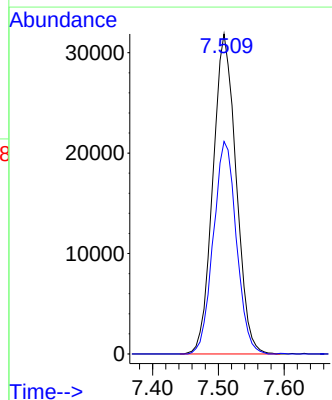
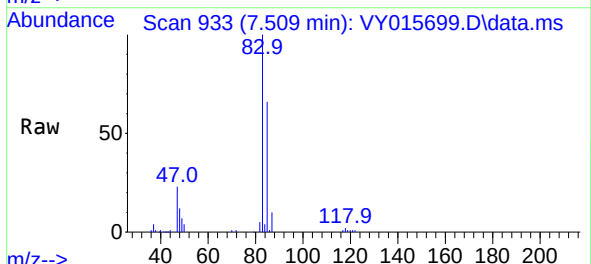
Instrument :  
MSVOA\_Y  
ClientSampleId :

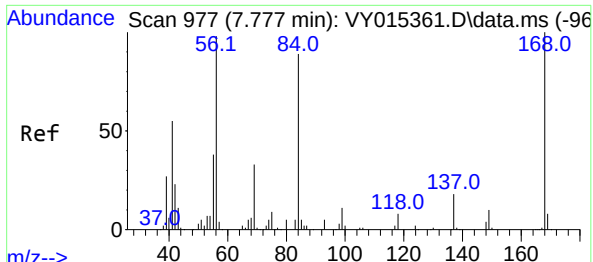
Tgt Ion: 42 Resp: 80059  
Ion Ratio Lower Upper  
42 100  
72 44.3 32.8 49.2  
71 41.6 31.0 46.4



#30  
Chloroform  
Concen: 21.505 ug/l  
RT: 7.509 min Scan# 933  
Delta R.T. 0.013 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

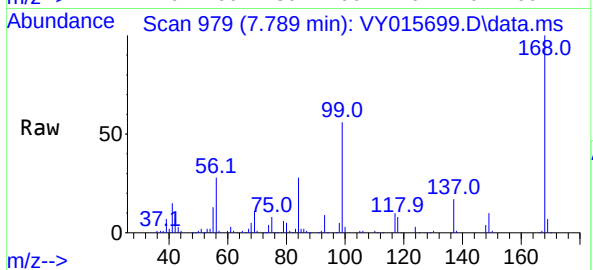
Tgt Ion: 83 Resp: 78243  
Ion Ratio Lower Upper  
83 100  
85 66.4 49.7 74.5



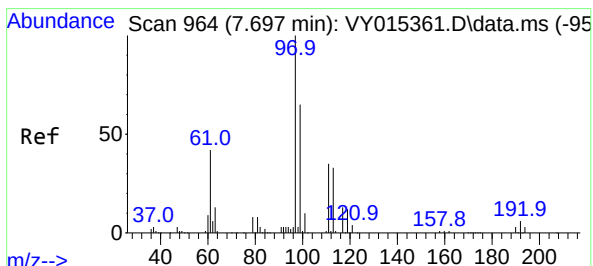
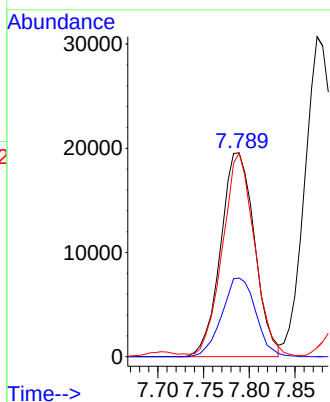
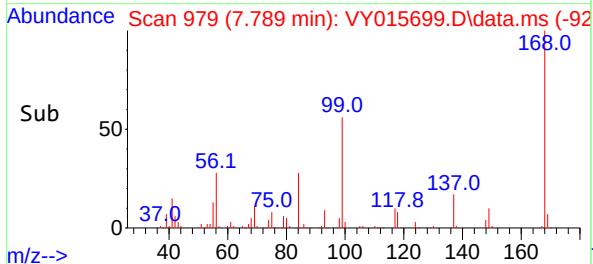


#31  
Cyclohexane  
Concen: 20.558 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

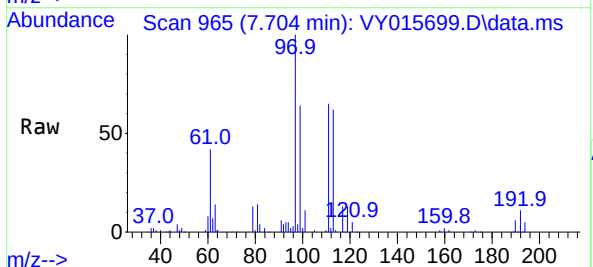
Instrument :  
MSVOA\_Y  
ClientSampleId :



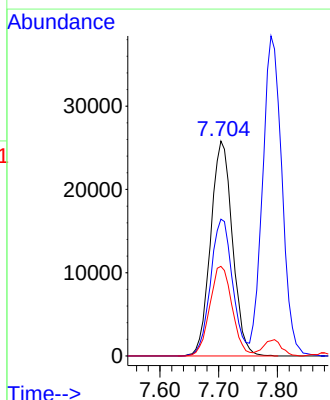
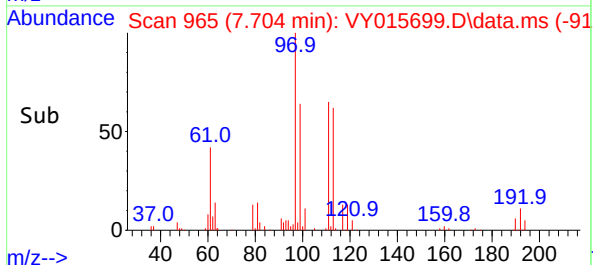
Tgt Ion: 56 Resp: 50454  
Ion Ratio Lower Upper  
56 100  
69 38.6 27.8 41.6  
84 98.8 66.4 99.6

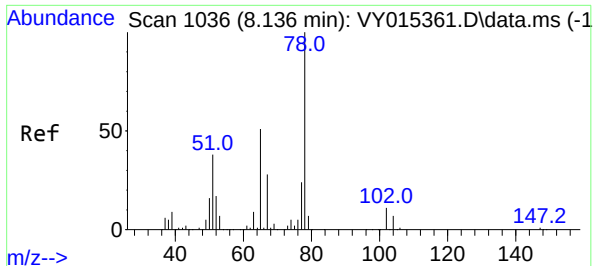


#32  
1,1,1-Trichloroethane  
Concen: 22.184 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. 0.013 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50



Tgt Ion: 97 Resp: 66629  
Ion Ratio Lower Upper  
97 100  
99 64.9 50.8 76.2  
61 42.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 41.062 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.013 min

Lab File: VY015699.D

Acq: 25 Sep 2023 12:50

Instrument :

MSVOA\_Y

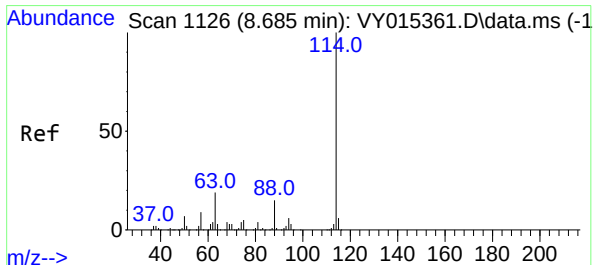
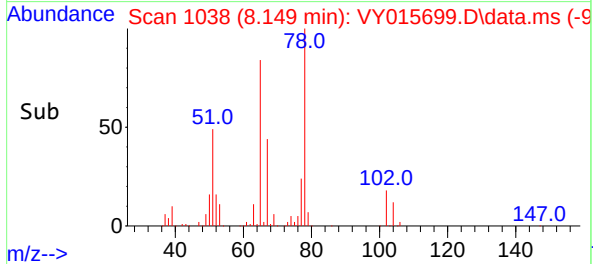
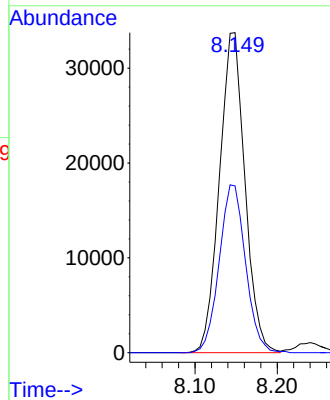
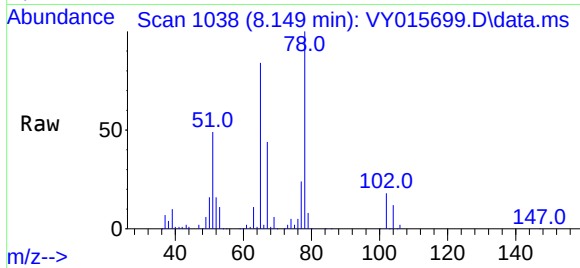
ClientSampleId :

Tgt Ion: 65 Resp: 72746

Ion Ratio Lower Upper

65 100

67 54.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015699.D

Acq: 25 Sep 2023 12:50

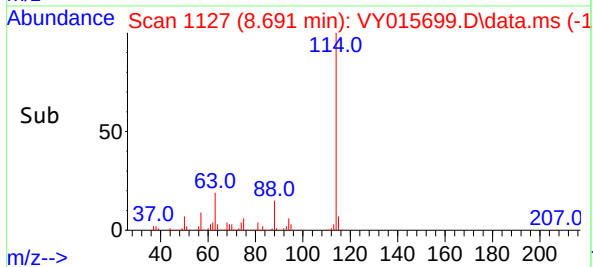
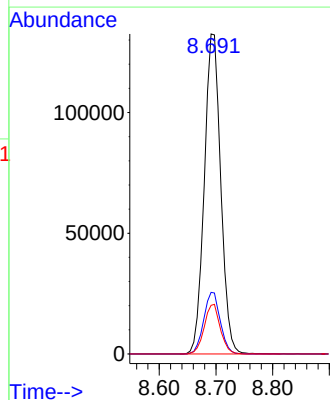
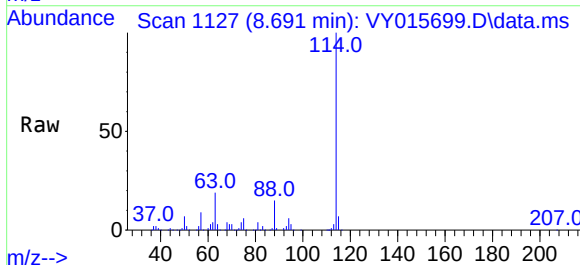
Tgt Ion: 114 Resp: 267647

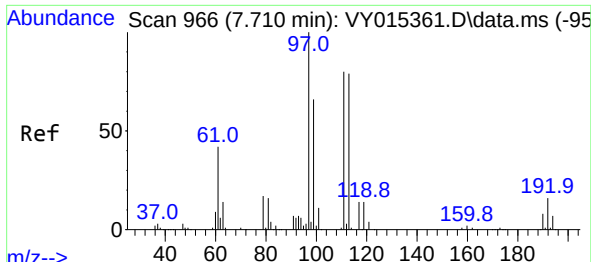
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

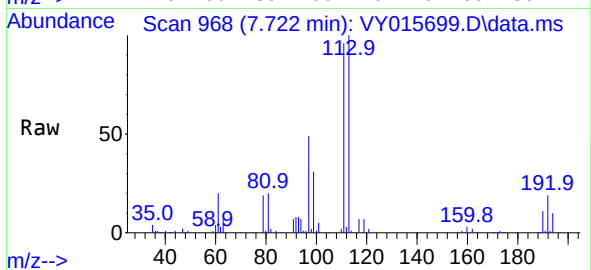
88 15.2 0.0 30.6



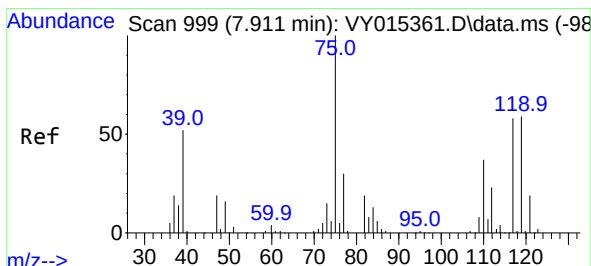
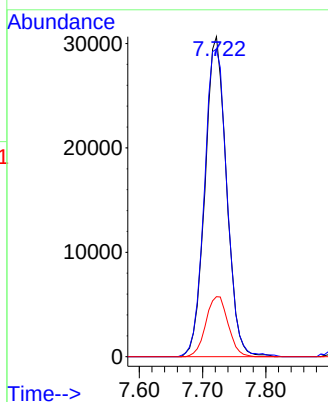
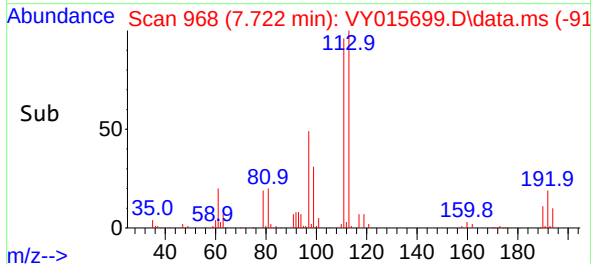


#35  
Dibromofluoromethane  
Concen: 45.147 ug/l  
RT: 7.722 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

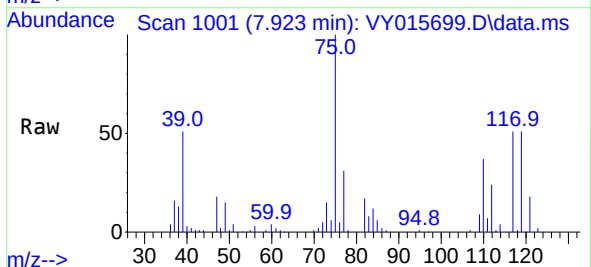
Instrument :  
MSVOA\_Y  
ClientSampleId :



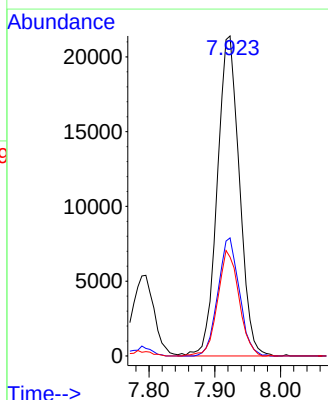
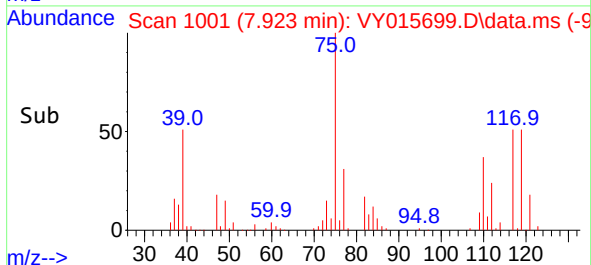
Tgt Ion:113 Resp: 72324  
Ion Ratio Lower Upper  
113 100  
111 101.3 81.3 121.9  
192 19.4 16.9 25.3

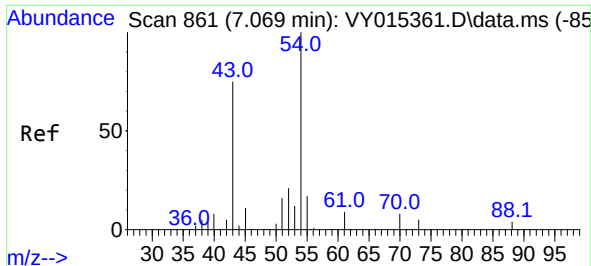


#36  
1,1-Dichloropropene  
Concen: 21.145 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. 0.012 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50



Tgt Ion: 75 Resp: 50084  
Ion Ratio Lower Upper  
75 100  
110 35.6 17.8 53.5  
77 31.8 24.4 36.6





#37

Ethyl Acetate

Concen: 22.093 ug/l

RT: 7.082 min Scan# 861

Delta R.T. 0.019 min

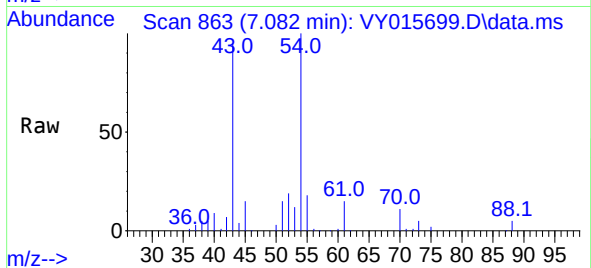
Lab File: VY015699.D

Acq: 25 Sep 2023 12:50

Instrument :

MSVOA\_Y

ClientSampleId :



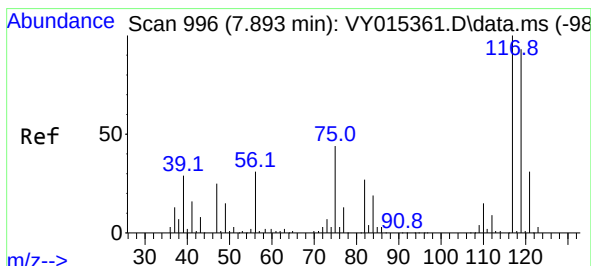
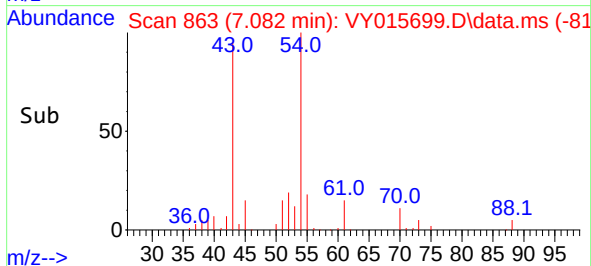
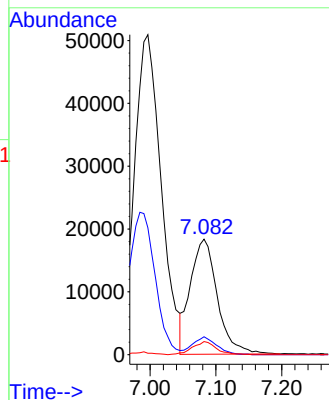
Tgt Ion: 43 Resp: 52197

Ion Ratio Lower Upper

43 100

61 14.0 10.1 15.1

70 10.1 7.1 10.7



#38

Carbon Tetrachloride

Concen: 21.984 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.012 min

Lab File: VY015699.D

Acq: 25 Sep 2023 12:50

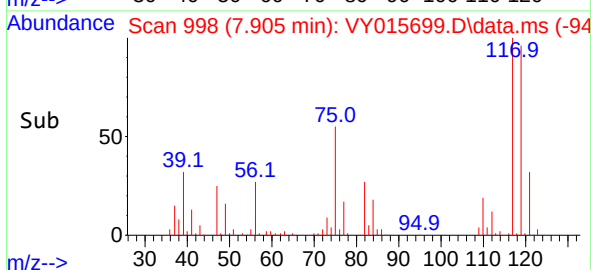
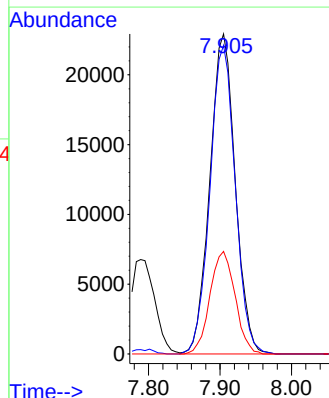
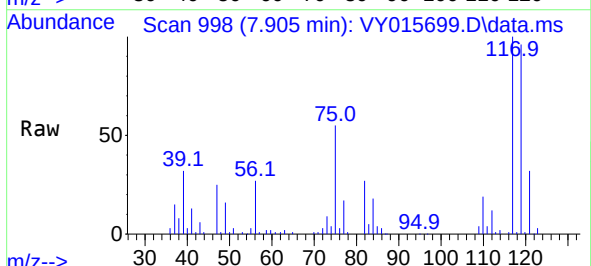
Tgt Ion: 117 Resp: 56523

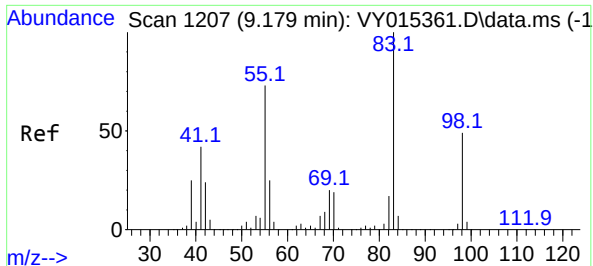
Ion Ratio Lower Upper

117 100

119 96.5 76.4 114.6

121 32.1 25.8 38.6

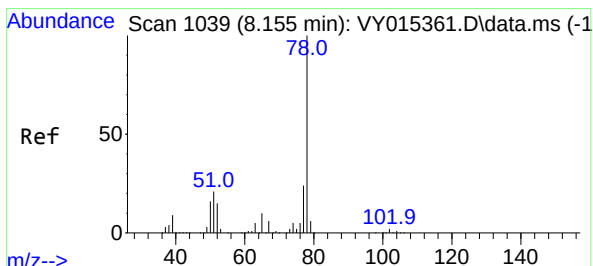
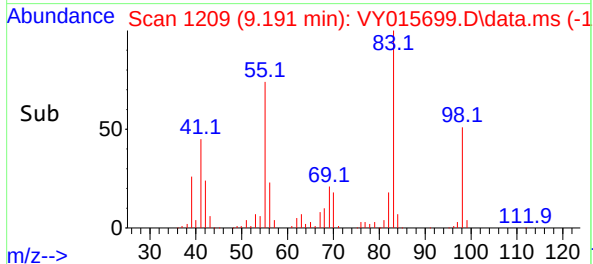
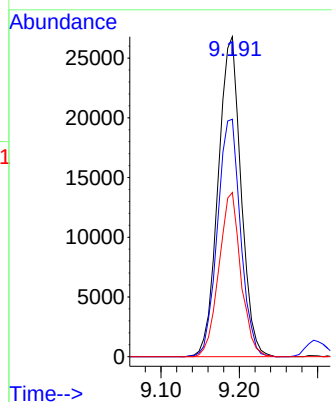
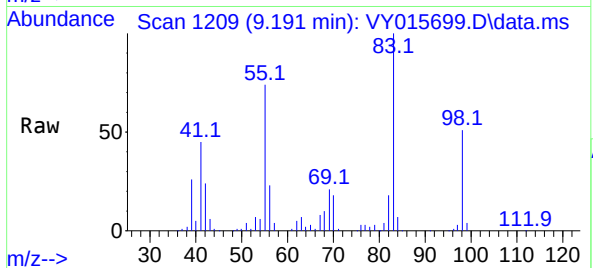




#39  
Methylcyclohexane  
Concen: 20.715 ug/l  
RT: 9.191 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

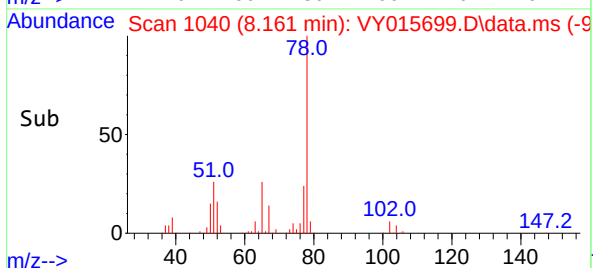
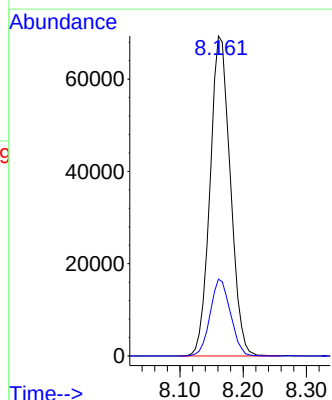
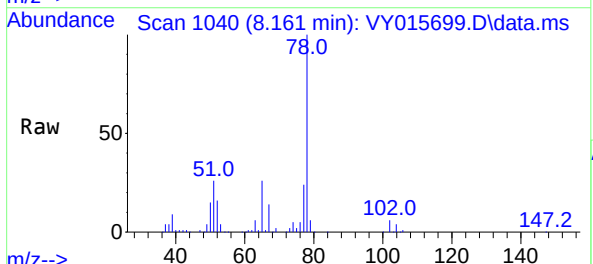
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 83 Resp: 54269  
Ion Ratio Lower Upper  
83 100  
55 74.2 63.0 94.4  
98 51.3 37.4 56.2

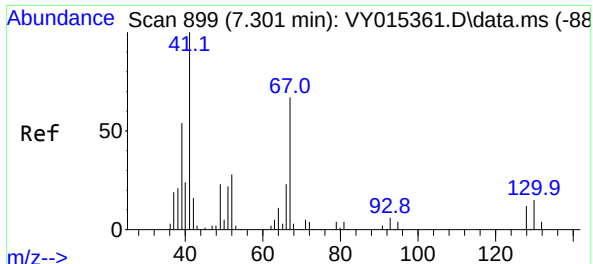


#40  
Benzene  
Concen: 21.375 ug/l  
RT: 8.161 min Scan# 1040  
Delta R.T. 0.012 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion: 78 Resp: 154398  
Ion Ratio Lower Upper  
78 100  
77 24.0 19.0 28.6

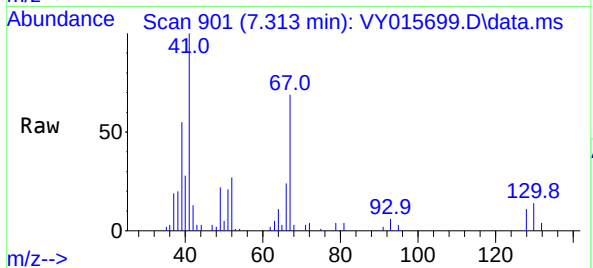






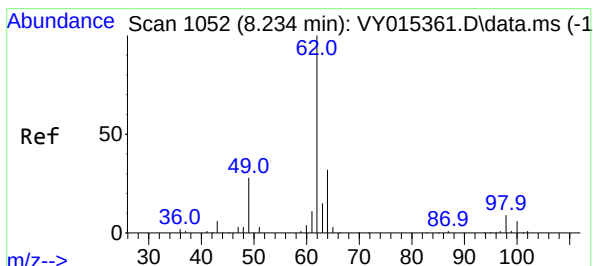
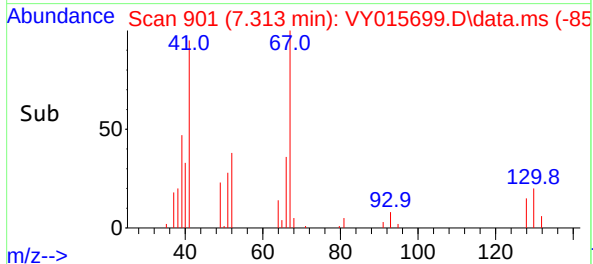
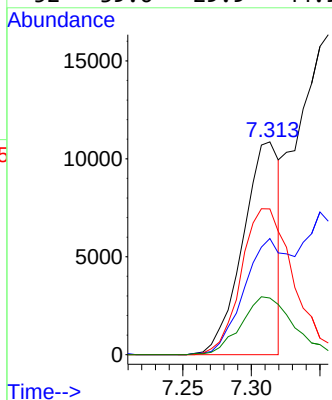
#41  
Methacrylonitrile  
Concen: 15.857 ug/l  
RT: 7.313 min Scan# 901  
Delta R.T. 0.000 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Instrument :  
MSVOA\_Y  
ClientSampleId :



Tgt Ion: 41 Resp: 20172

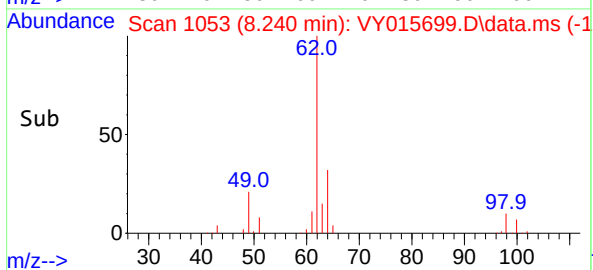
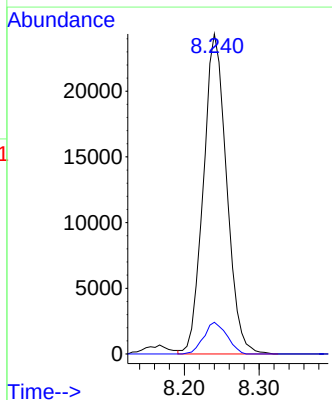
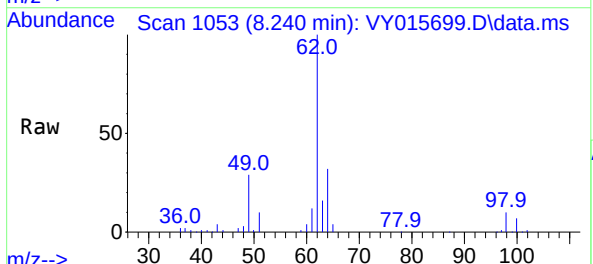
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 71.4  | 52.1  | 78.1  |
| 67  | 99.3  | 66.2  | 99.2# |
| 52  | 39.6  | 29.9  | 44.9  |

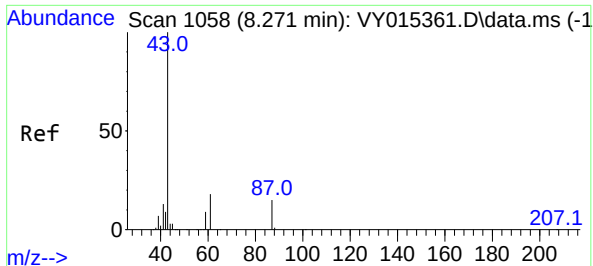


#42  
1,2-Dichloroethane  
Concen: 21.235 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion: 62 Resp: 52531

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.8   | 0.0   | 15.8  |





#43

Isopropyl Acetate

Concen: 21.310 ug/l

RT: 8.277 min Scan# 1105

Delta R.T. 0.013 min

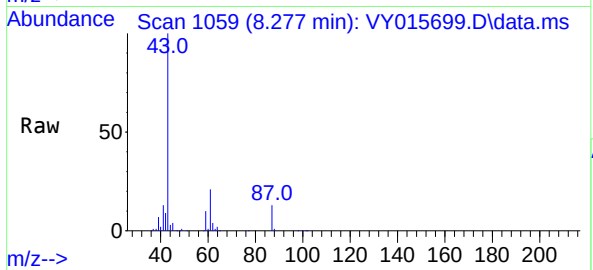
Lab File: VY015699.D

Acq: 25 Sep 2023 12:50

Instrument :

MSVOA\_Y

ClientSampleId :



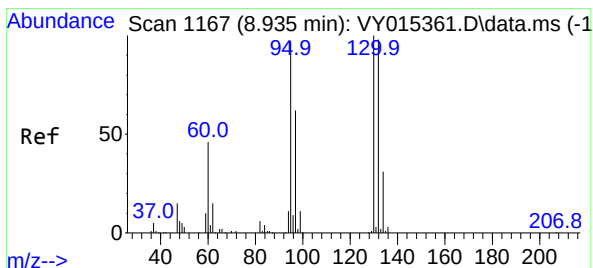
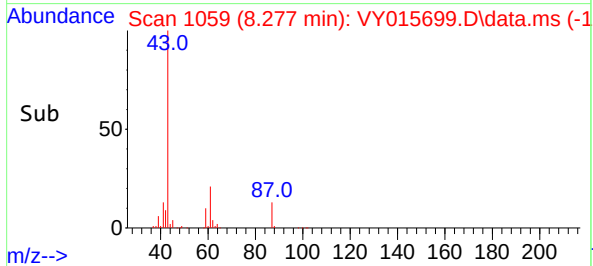
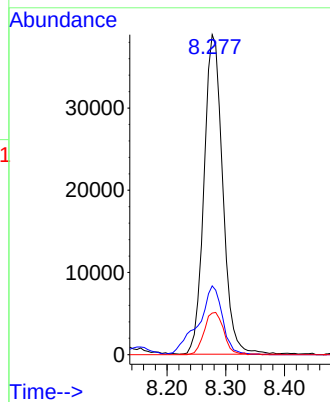
Tgt Ion: 43 Resp: 86004

Ion Ratio Lower Upper

43 100

61 27.9 21.1 31.7

87 13.8 9.8 14.8



#44

Trichloroethene

Concen: 21.991 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.012 min

Lab File: VY015699.D

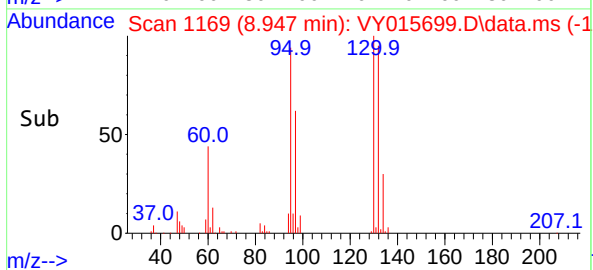
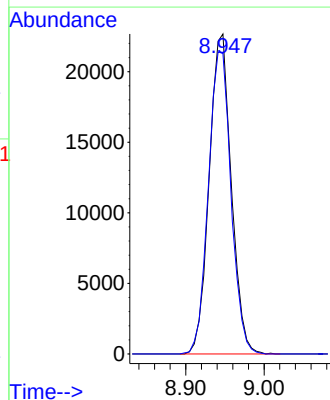
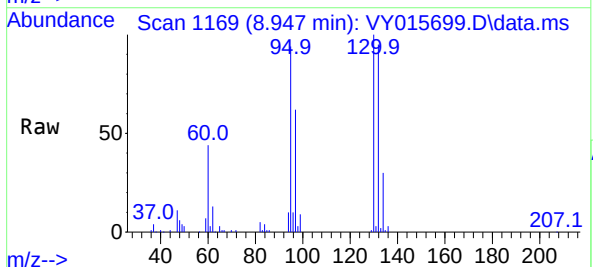
Acq: 25 Sep 2023 12:50

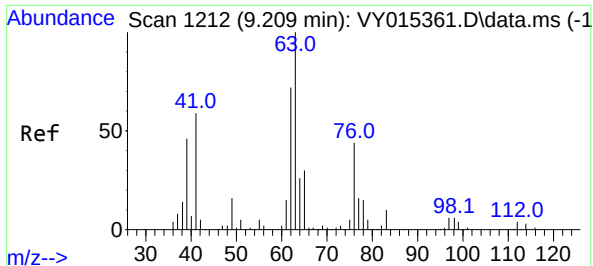
Tgt Ion: 130 Resp: 44366

Ion Ratio Lower Upper

130 100

95 94.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 21.586 ug/l

RT: 9.222 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015699.D

Acq: 25 Sep 2023 12:50

Instrument :

MSVOA\_Y

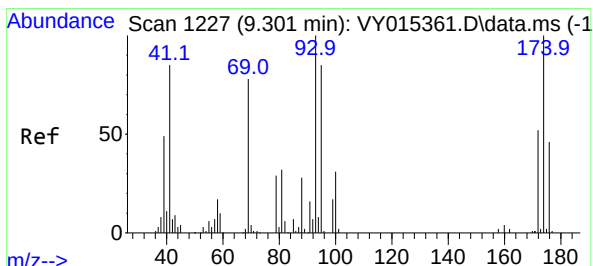
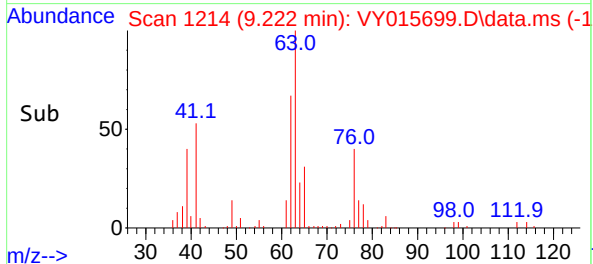
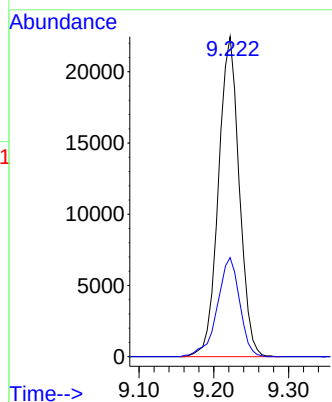
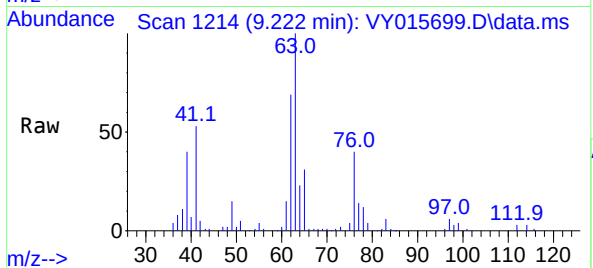
ClientSampleId :

Tgt Ion: 63 Resp: 43481

Ion Ratio Lower Upper

63 100

65 31.0 23.8 35.6



#46

Dibromomethane

Concen: 21.054 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015699.D

Acq: 25 Sep 2023 12:50

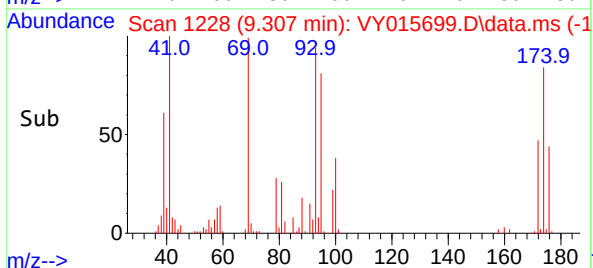
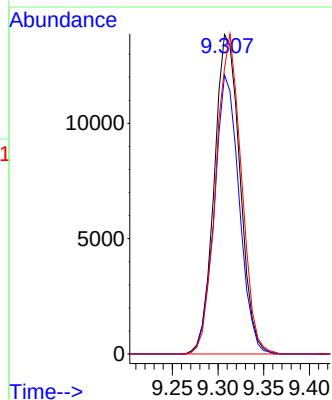
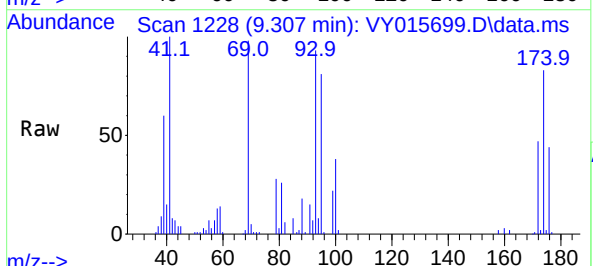
Tgt Ion: 93 Resp: 27128

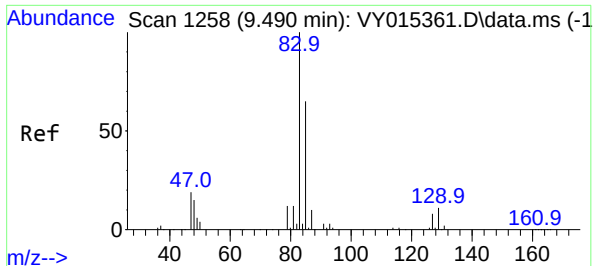
Ion Ratio Lower Upper

93 100

95 84.6 66.6 100.0

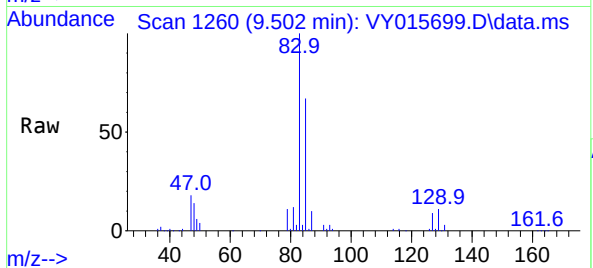
174 98.5 84.8 127.2



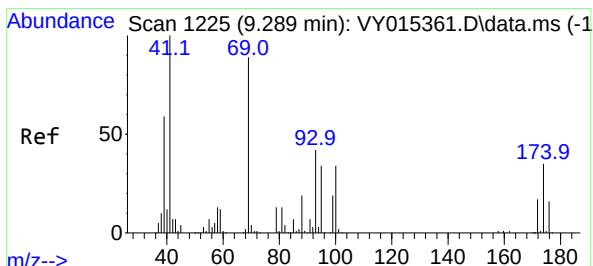
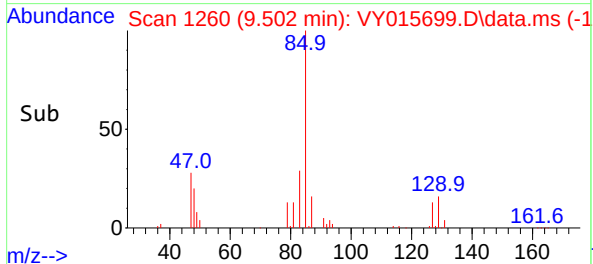
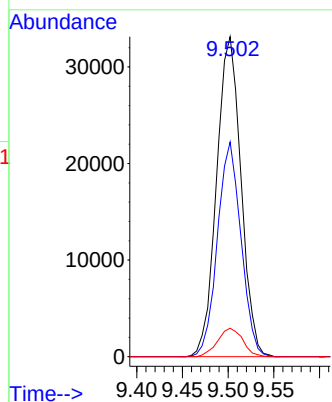


#47  
Bromodichloromethane  
Concen: 21.437 ug/l  
RT: 9.502 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Instrument :  
MSVOA\_Y  
ClientSampleId :

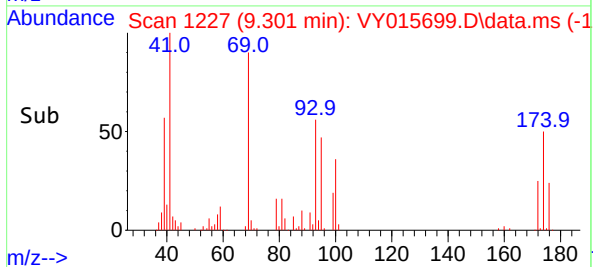
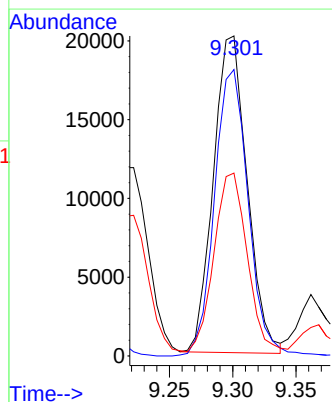
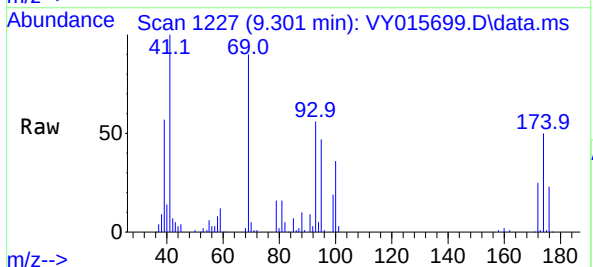


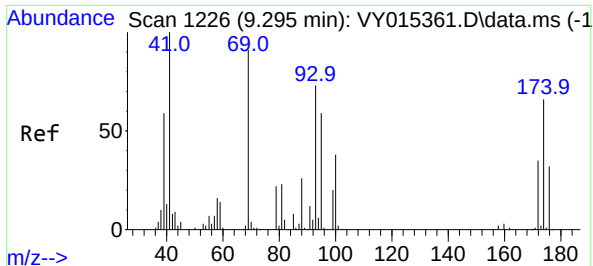
Tgt Ion: 83 Resp: 61569  
Ion Ratio Lower Upper  
83 100  
85 67.1 50.1 75.1  
127 8.9 7.1 10.7



#48  
Methyl methacrylate  
Concen: 21.090 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.012 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion: 41 Resp: 37359  
Ion Ratio Lower Upper  
41 100  
69 90.5 64.5 96.7  
39 58.4 50.8 76.2

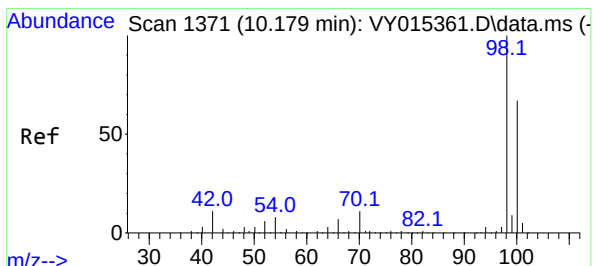
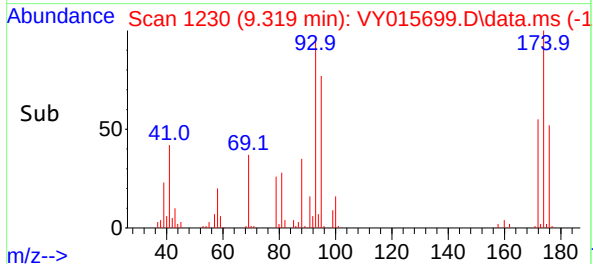
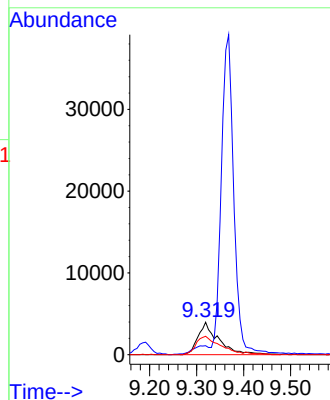
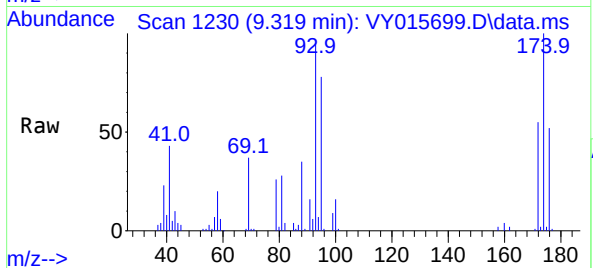




#49  
1,4-Dioxane  
Concen: 476.631 ug/l  
RT: 9.319 min Scan# 1230  
Delta R.T. 0.030 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

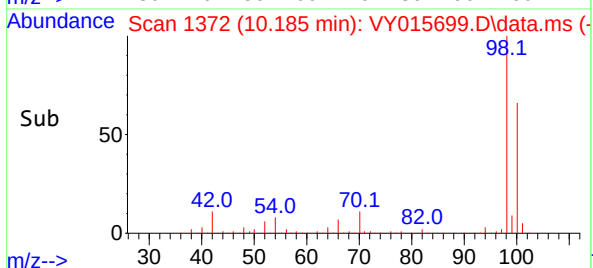
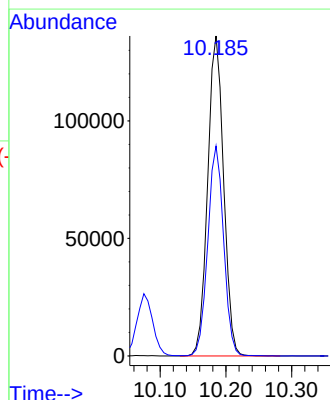
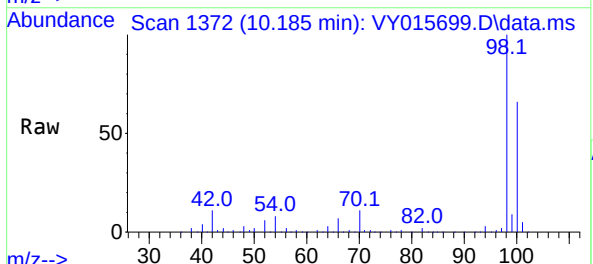
Instrument :  
MSVOA\_Y  
ClientSampleId :

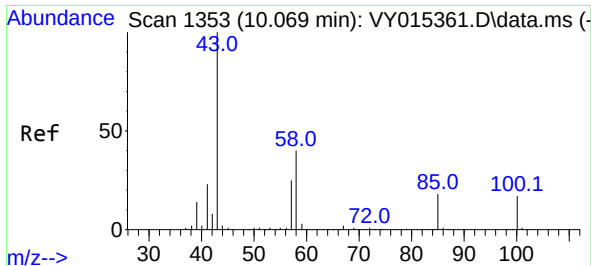
Tgt Ion: 88 Resp: 12133  
Ion Ratio Lower Upper  
88 100  
43 21.8 0.0 0.0#  
58 65.0 30.9 46.3#



#50  
Toluene-d8  
Concen: 42.258 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion: 98 Resp: 229530  
Ion Ratio Lower Upper  
98 100  
100 65.4 50.1 75.1

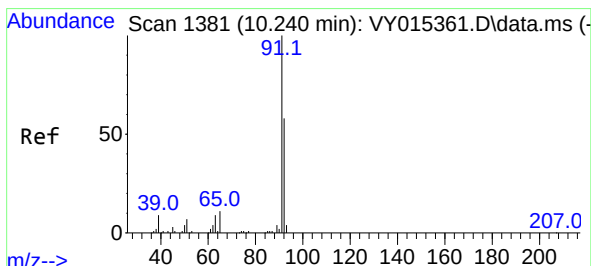
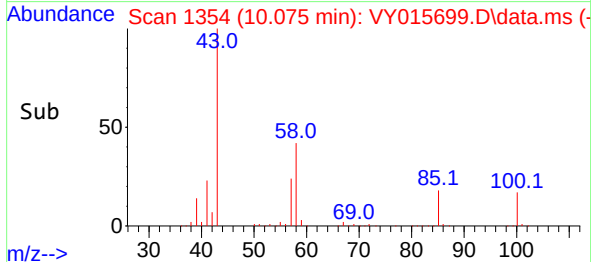
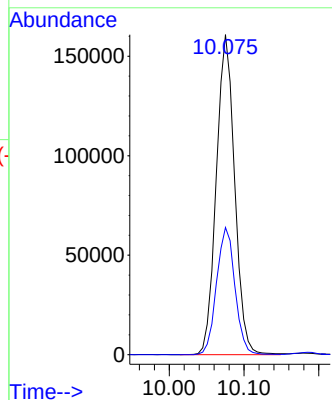
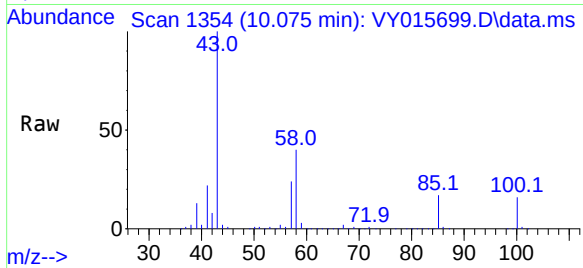




#51  
4-Methyl-2-Pentanone  
Concen: 109.866 ug/l  
RT: 10.075 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

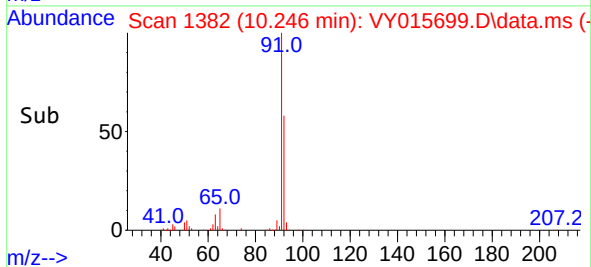
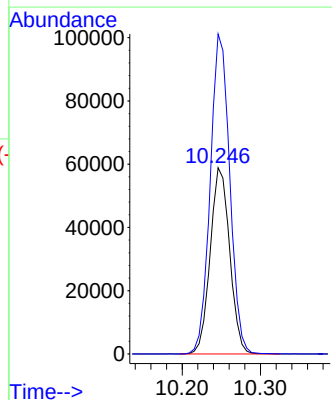
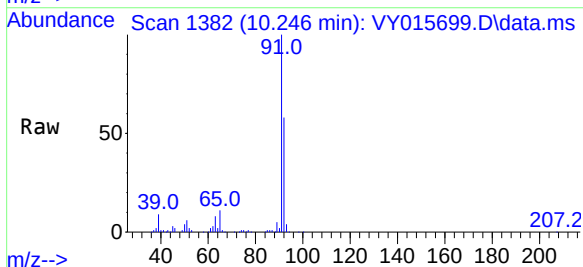
Instrument :  
MSVOA\_Y  
ClientSampleId :

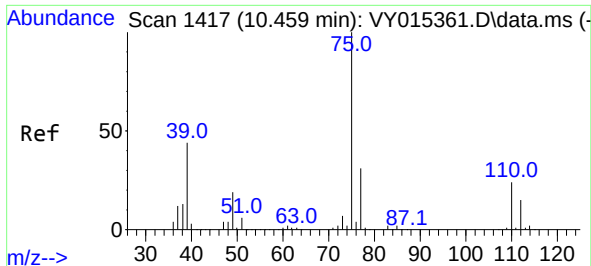
Tgt Ion: 43 Resp: 274823  
Ion Ratio Lower Upper  
43 100  
58 39.8 29.0 43.6



#52  
Toluene  
Concen: 21.813 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion: 92 Resp: 101579  
Ion Ratio Lower Upper  
92 100  
91 172.2 143.8 215.6

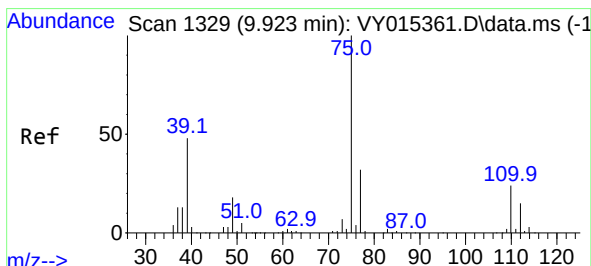
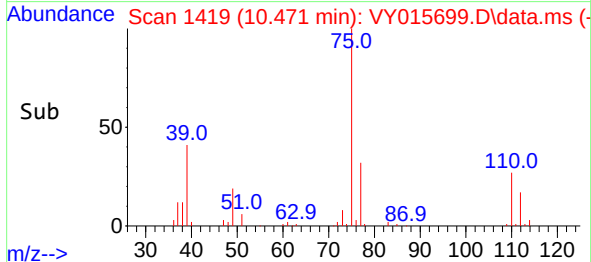
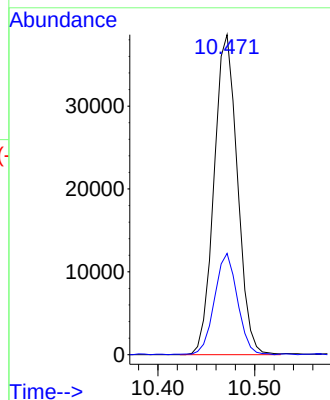
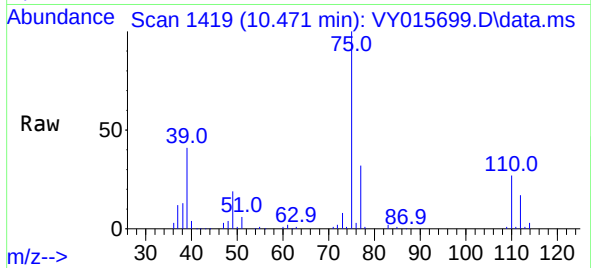




#53  
 t-1,3-Dichloropropene  
 Concen: 21.042 ug/l  
 RT: 10.471 min Scan# 1417  
 Delta R.T. 0.012 min  
 Lab File: VY015699.D  
 Acq: 25 Sep 2023 12:50

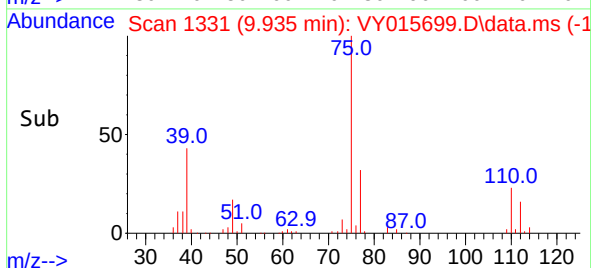
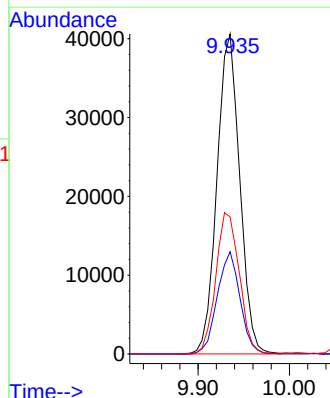
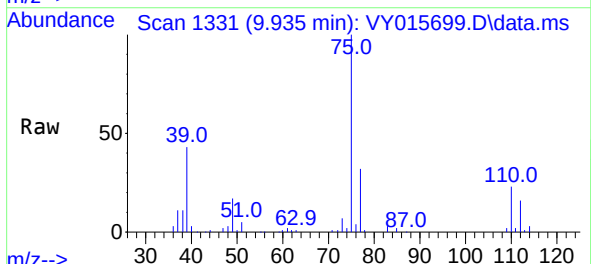
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

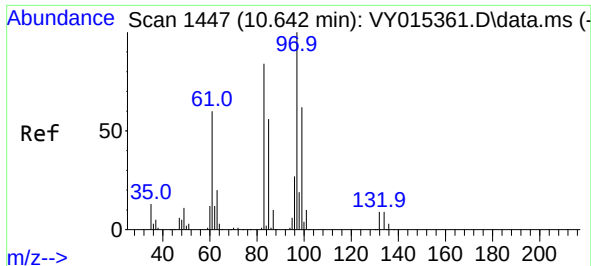
Tgt Ion: 75 Resp: 64808  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 25.0 37.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.211 ug/l  
 RT: 9.935 min Scan# 1331  
 Delta R.T. 0.012 min  
 Lab File: VY015699.D  
 Acq: 25 Sep 2023 12:50

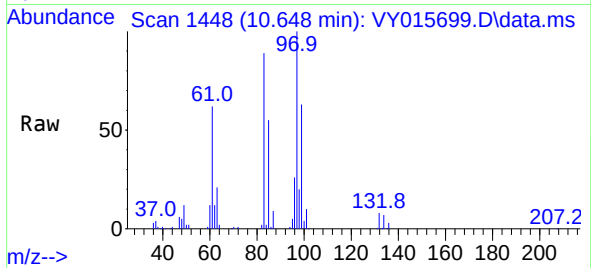
Tgt Ion: 75 Resp: 70321  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 24.2 36.4  
 39 42.8 42.2 63.4





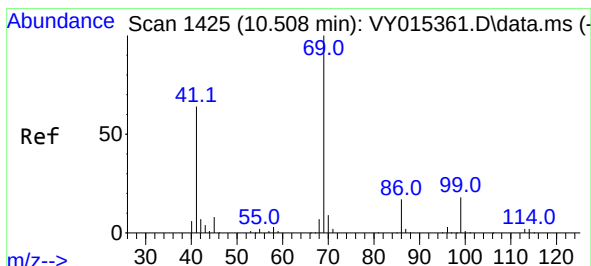
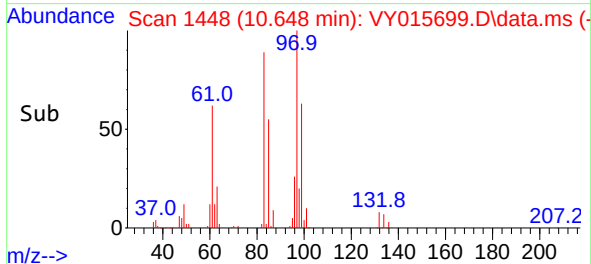
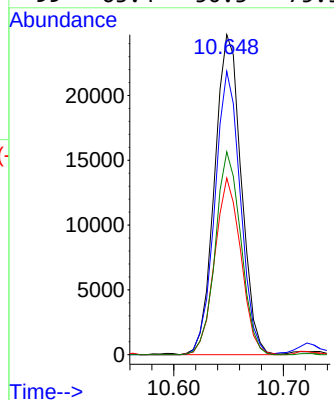
#55  
1,1,2-Trichloroethane  
Concen: 22.110 ug/l  
RT: 10.648 min Scan# 1447  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Instrument :  
MSVOA\_Y  
ClientSampleId :



Tgt Ion: 97 Resp: 41751

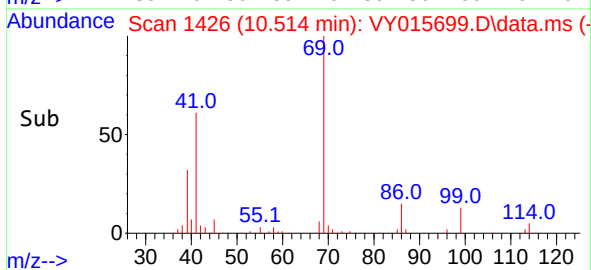
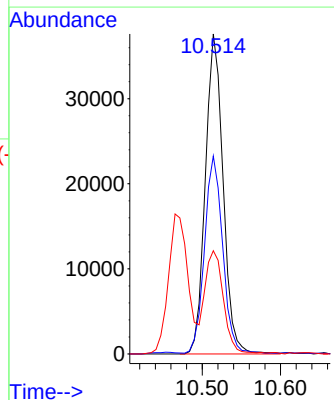
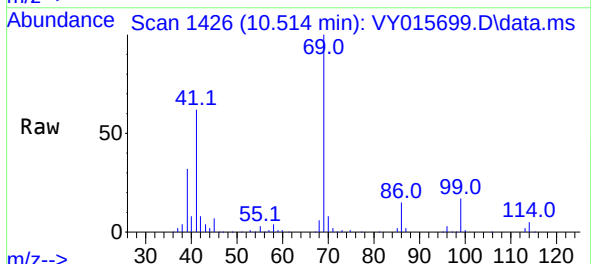
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.5  | 72.0  | 108.0 |
| 85  | 55.2  | 45.4  | 68.0  |
| 99  | 63.4  | 50.3  | 75.5  |



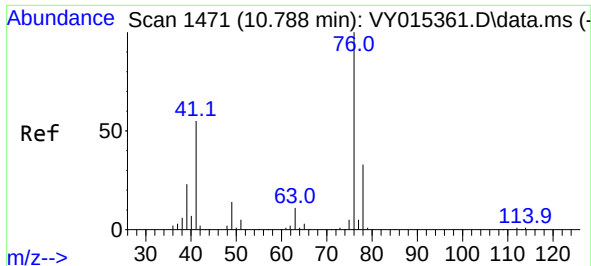
#56  
Ethyl methacrylate  
Concen: 21.266 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion: 69 Resp: 59179

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 62.7  | 57.6  | 86.4  |
| 39  | 32.6  | 34.1  | 51.1  |

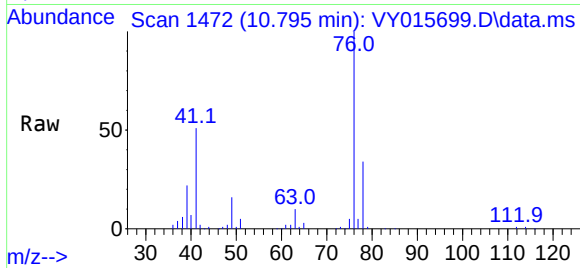




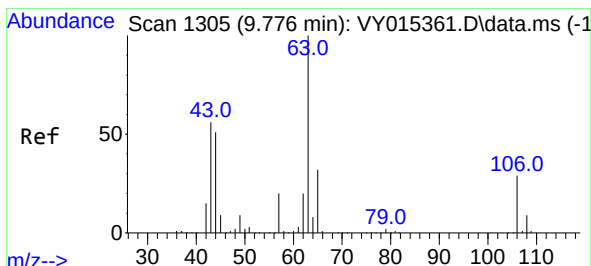
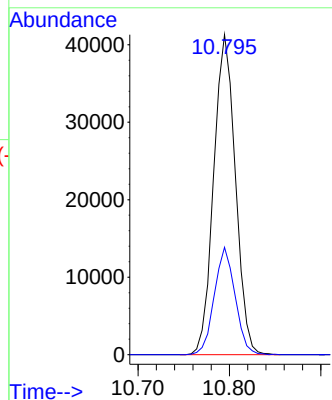
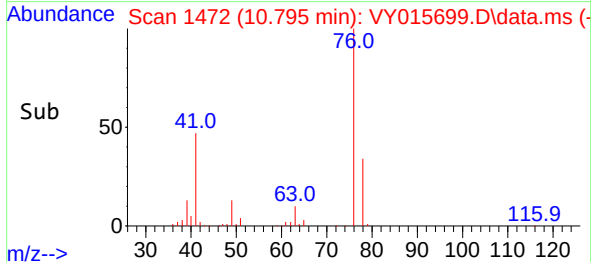


#57  
1,3-Dichloropropane  
Concen: 21.533 ug/l  
RT: 10.795 min Scan# 1471  
Delta R.T. 0.007 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Instrument :  
MSVOA\_Y  
ClientSampleId :

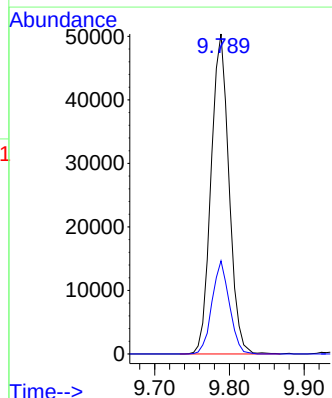
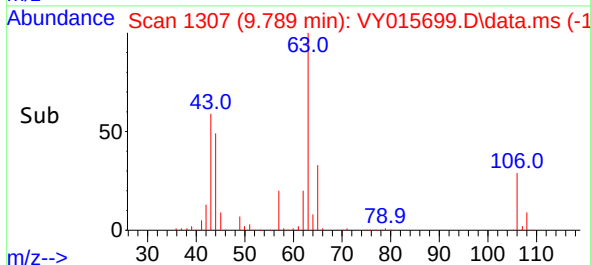
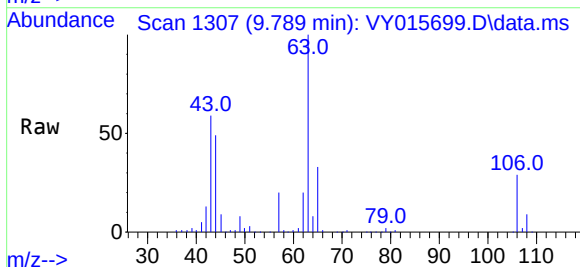


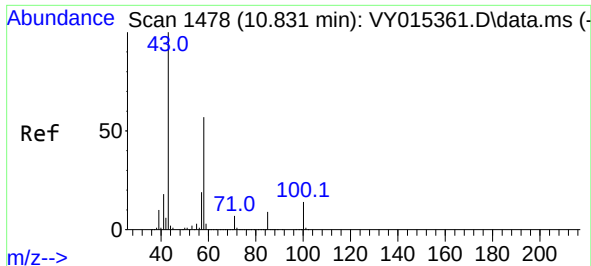
Tgt Ion: 76 Resp: 68188  
Ion Ratio Lower Upper  
76 100  
78 32.1 25.3 37.9



#58  
2-Chloroethyl Vinyl ether  
Concen: 94.809 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. 0.013 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion: 63 Resp: 83804  
Ion Ratio Lower Upper  
63 100  
106 28.2 21.2 31.8

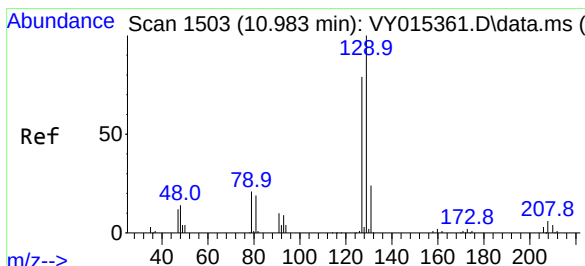
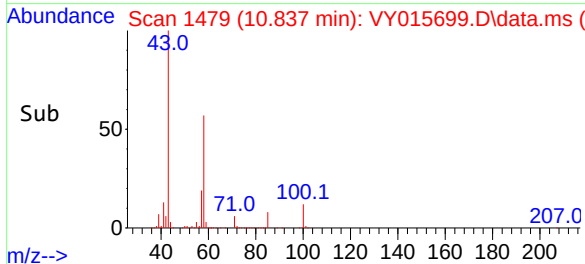
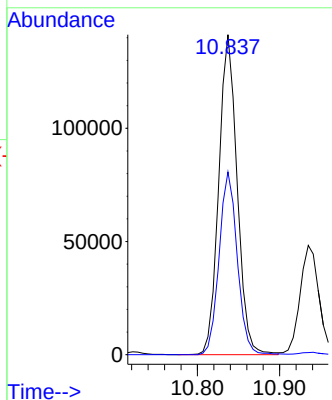
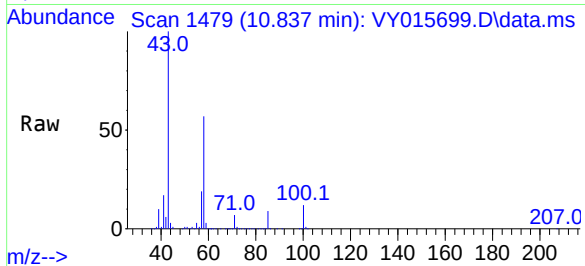




#59  
2-Hexanone  
Concen: 114.321 ug/l  
RT: 10.837 min Scan# 1478  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

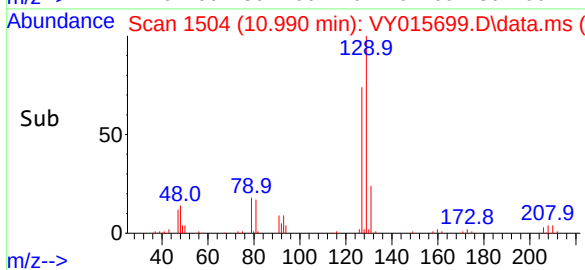
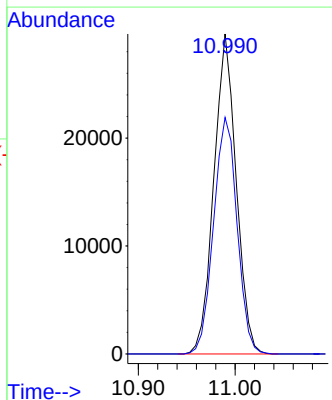
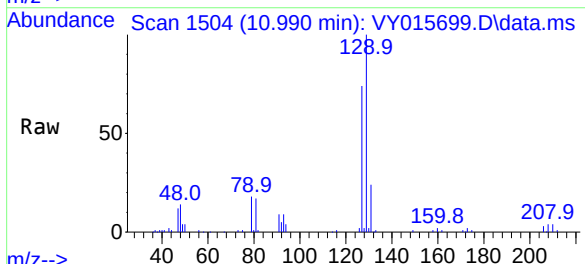
Instrument :  
MSVOA\_Y  
ClientSampleId :

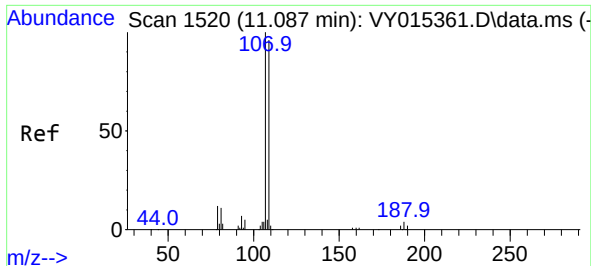
Tgt Ion: 43 Resp: 219397  
Ion Ratio Lower Upper  
43 100  
58 56.4 25.1 75.3



#60  
Dibromochloromethane  
Concen: 21.556 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. 0.007 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion:129 Resp: 47515  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.5 115.5

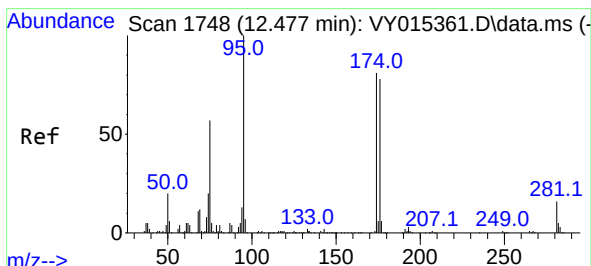
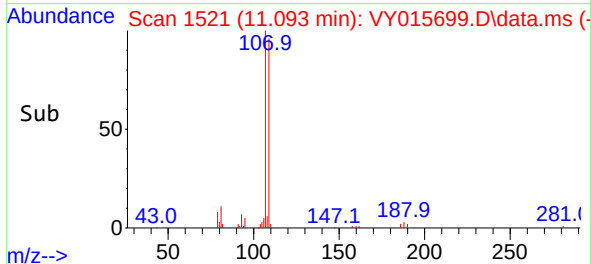
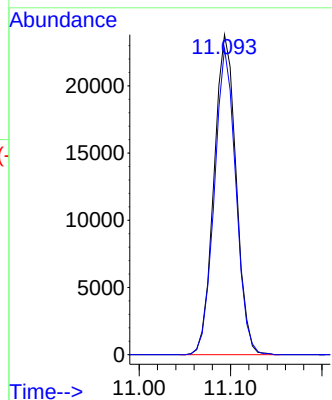
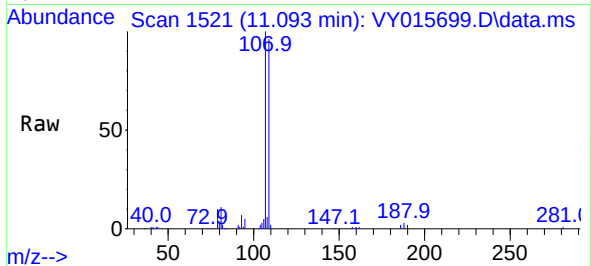




#61  
1,2-Dibromoethane  
Concen: 21.658 ug/l  
RT: 11.093 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

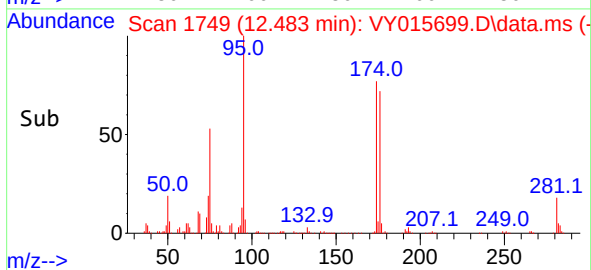
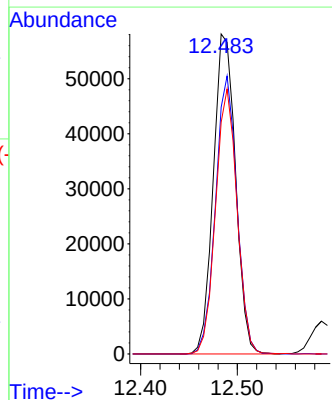
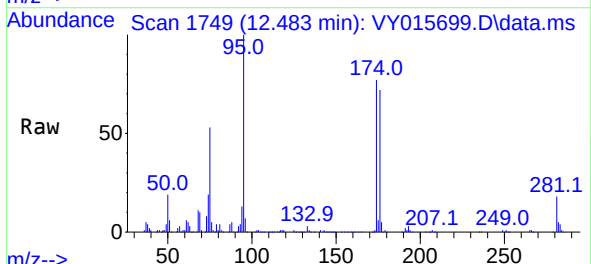
Instrument :  
MSVOA\_Y  
ClientSampleId :

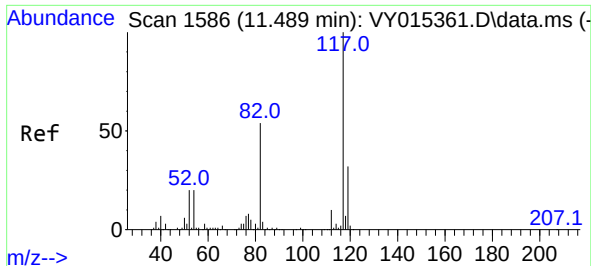
Tgt Ion:107 Resp: 40010  
Ion Ratio Lower Upper  
107 100  
109 92.9 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 43.424 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

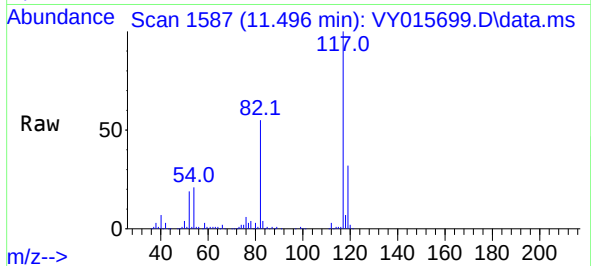
Tgt Ion: 95 Resp: 92562  
Ion Ratio Lower Upper  
95 100  
174 83.6 0.0 178.2  
176 80.1 0.0 173.8



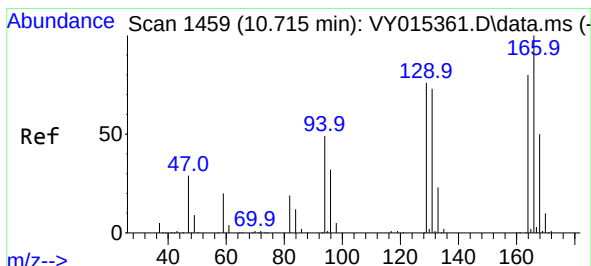
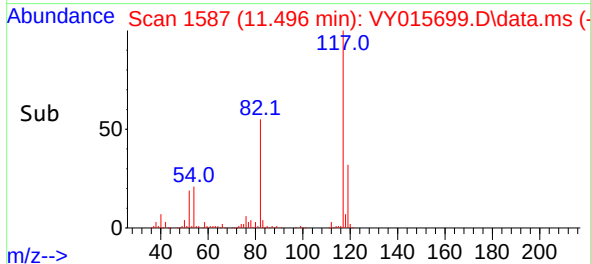
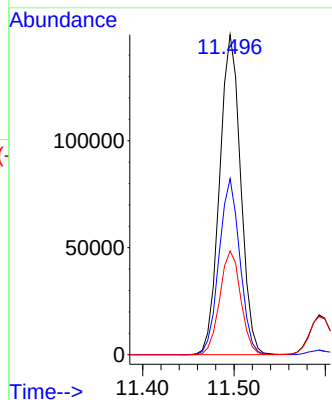


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Instrument :  
MSVOA\_Y  
ClientSampleId :

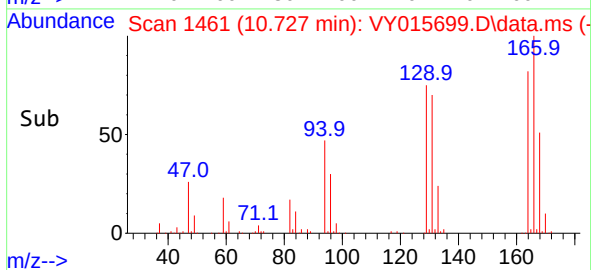
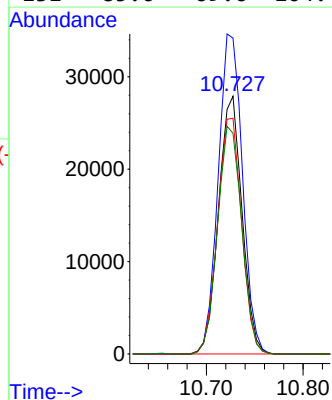
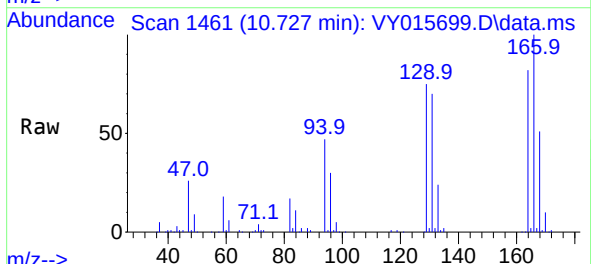


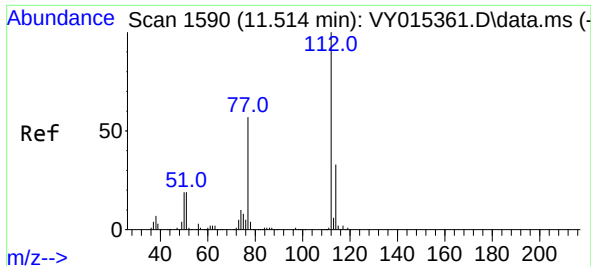
Tgt Ion:117 Resp: 239559  
Ion Ratio Lower Upper  
117 100  
82 55.0 43.4 65.0  
119 32.4 26.3 39.5



#64  
Tetrachloroethene  
Concen: 22.947 ug/l  
RT: 10.727 min Scan# 1461  
Delta R.T. 0.012 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion:164 Resp: 47164  
Ion Ratio Lower Upper  
164 100  
166 122.6 103.0 154.6  
129 91.5 77.2 115.8  
131 85.6 69.6 104.4

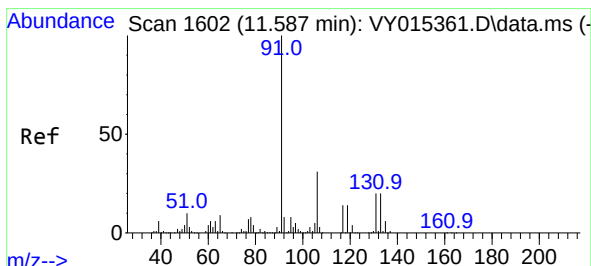
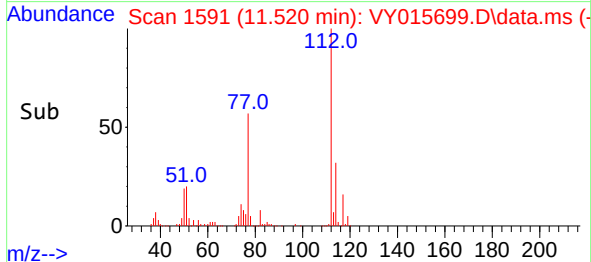
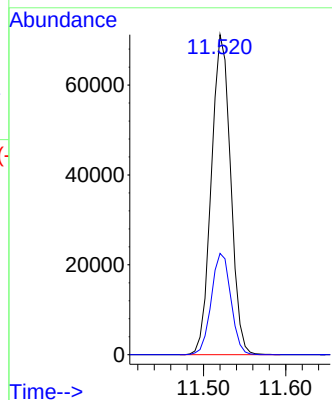
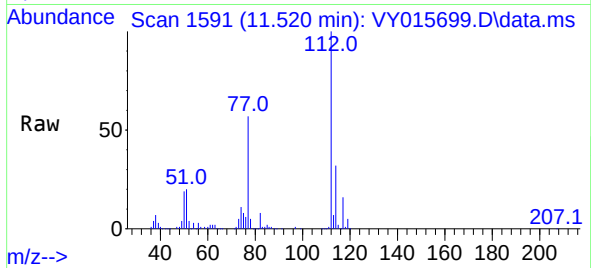




#65  
Chlorobenzene  
Concen: 22.168 ug/l  
RT: 11.520 min Scan# 115921  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

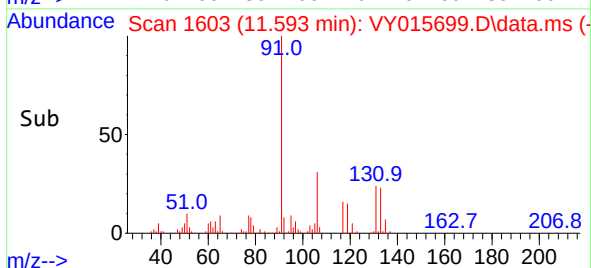
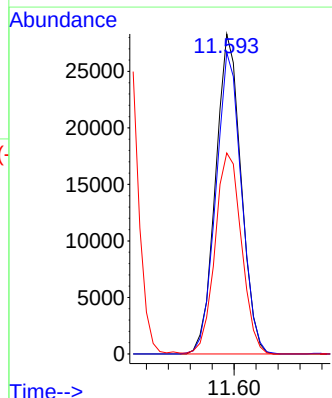
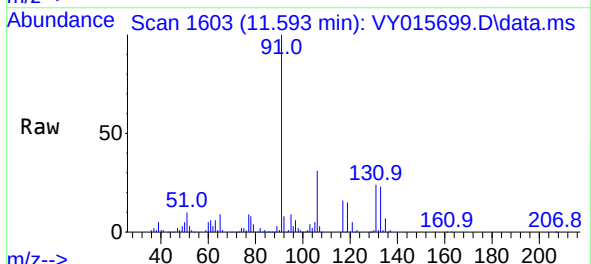
Instrument :  
MSVOA\_Y  
ClientSampleId :

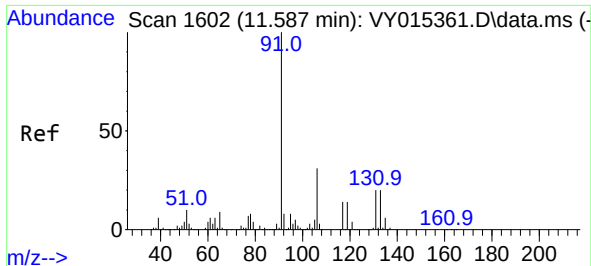
Tgt Ion:112 Resp: 115921  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.472 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion:131 Resp: 45644  
Ion Ratio Lower Upper  
131 100  
133 94.5 47.5 142.6  
119 65.2 31.6 94.7





#67

Ethyl Benzene

Concen: 22.415 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015699.D

Acq: 25 Sep 2023 12:50

Instrument :

MSVOA\_Y

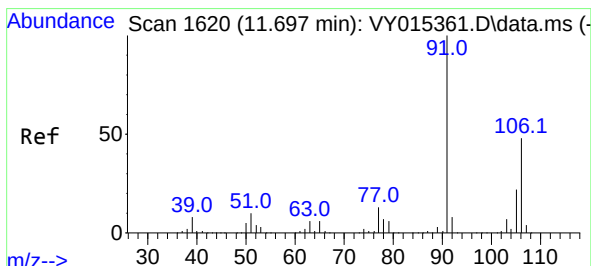
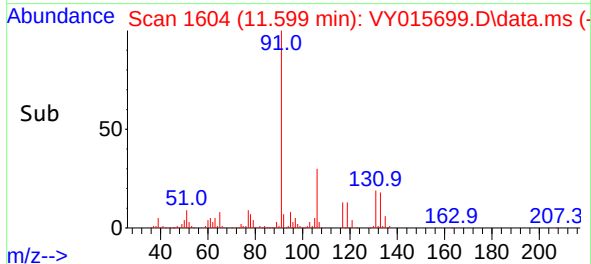
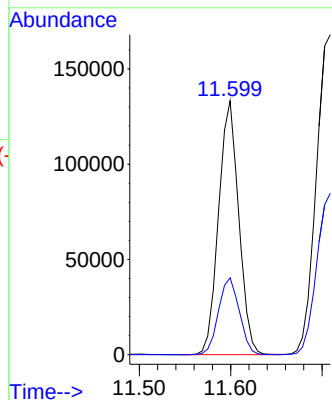
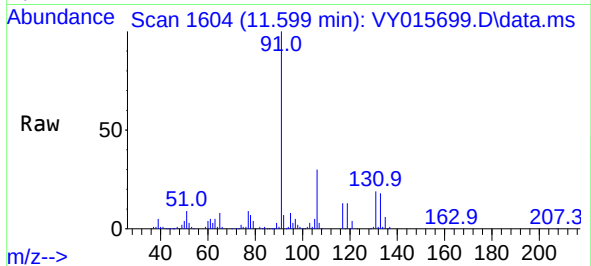
ClientSampleId :

Tgt Ion: 91 Resp: 204871

Ion Ratio Lower Upper

91 100

106 30.3 24.6 36.8



#68

m/p-Xylenes

Concen: 44.798 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY015699.D

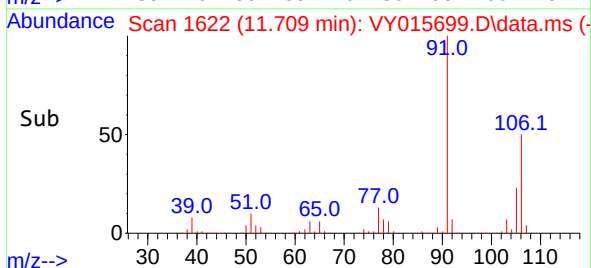
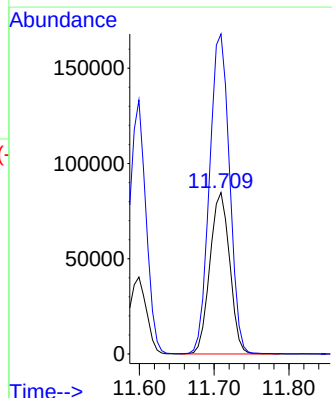
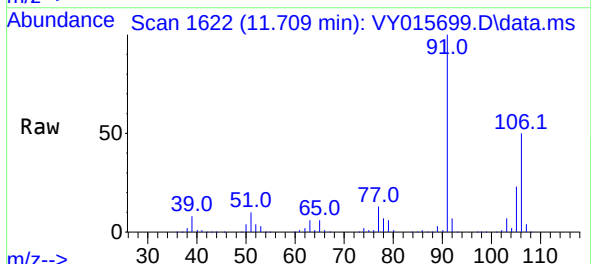
Acq: 25 Sep 2023 12:50

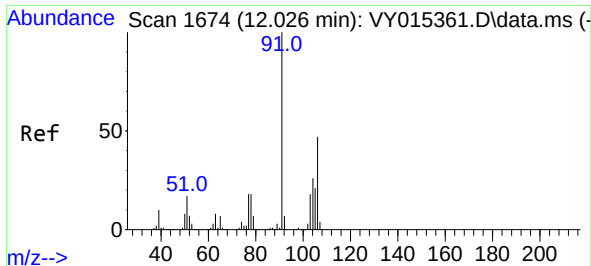
Tgt Ion:106 Resp: 155626

Ion Ratio Lower Upper

106 100

91 200.9 166.1 249.1

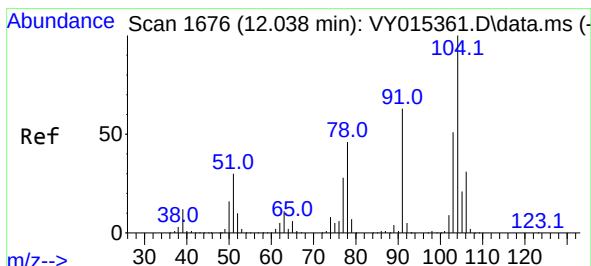
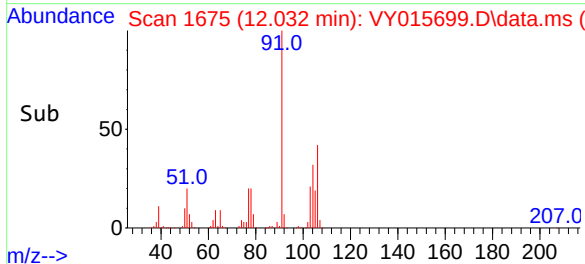
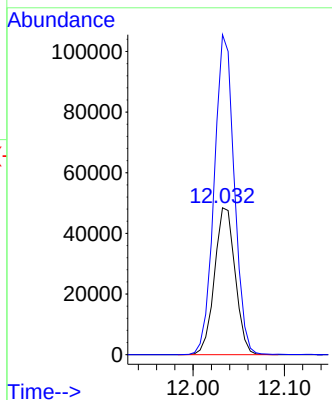
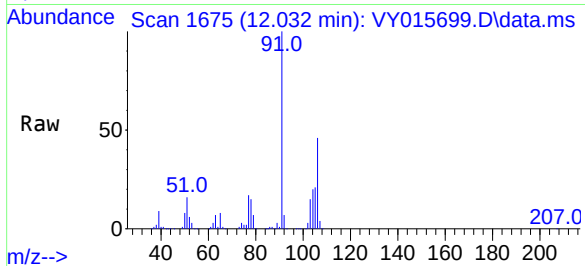




#69  
o-Xylene  
Concen: 22.340 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

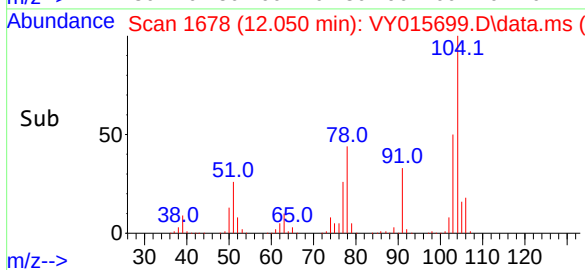
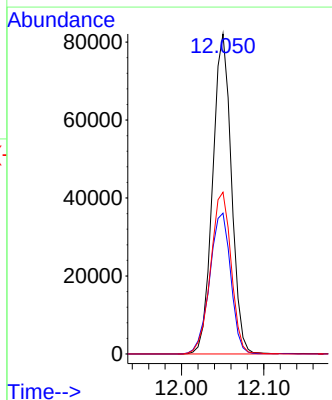
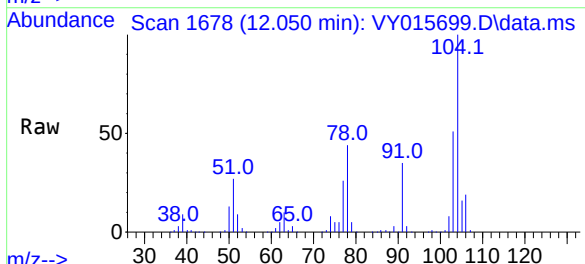
Instrument :  
MSVOA\_Y  
ClientSampleId :

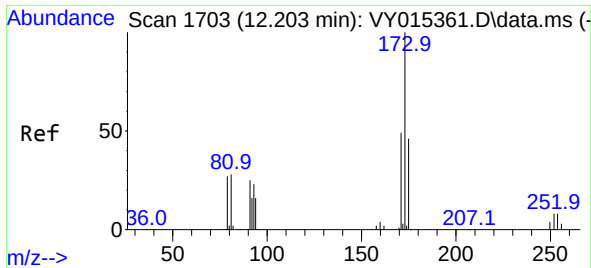
Tgt Ion:106 Resp: 76101  
Ion Ratio Lower Upper  
106 100  
91 211.7 108.1 324.3



#70  
Styrene  
Concen: 22.294 ug/l  
RT: 12.050 min Scan# 1678  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion:104 Resp: 129992  
Ion Ratio Lower Upper  
104 100  
78 49.6 41.5 62.3  
103 55.5 44.6 67.0

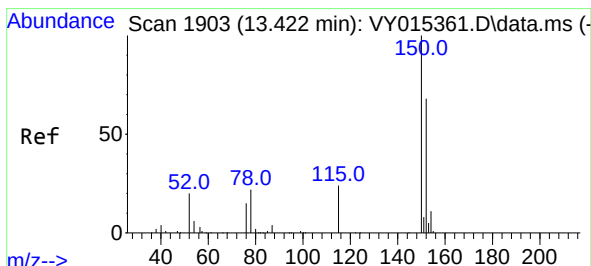
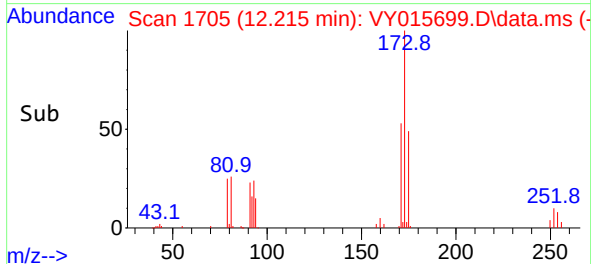
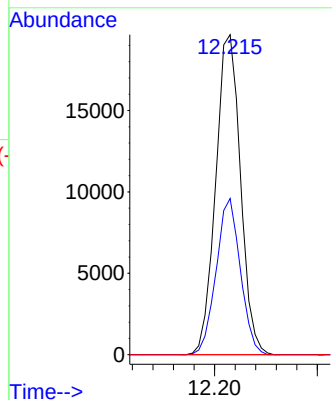
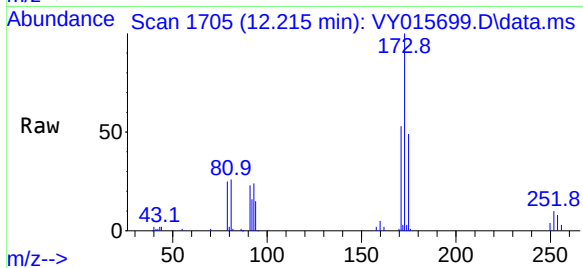




#71  
Bromoform  
Concen: 22.327 ug/l  
RT: 12.215 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

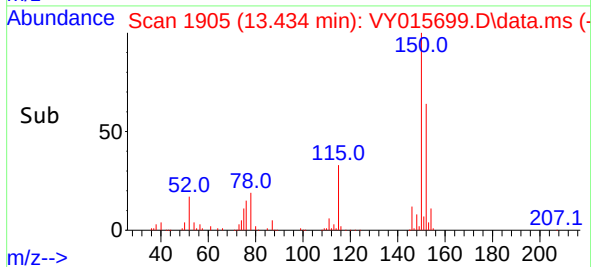
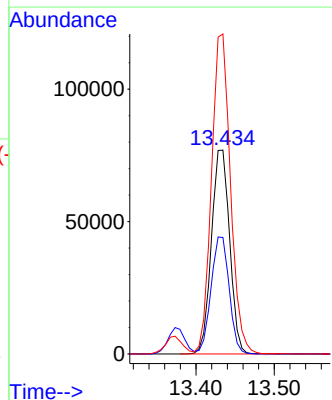
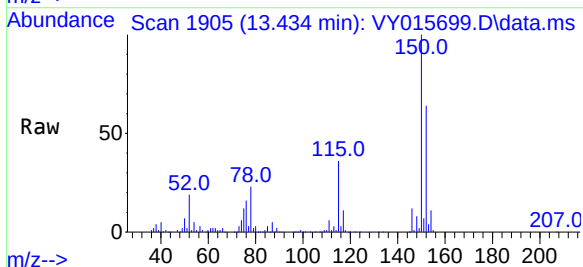
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:173 Resp: 32863  
Ion Ratio Lower Upper  
173 100  
175 47.6 24.6 73.8  
254 0.0 0.2 0.2#

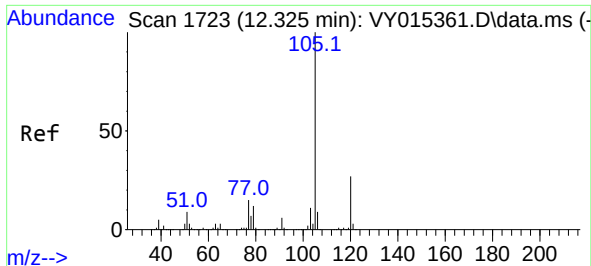


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.434 min Scan# 1905  
Delta R.T. 0.012 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion:152 Resp: 124339  
Ion Ratio Lower Upper  
152 100  
115 57.0 28.8 86.5  
150 163.6 0.0 348.8



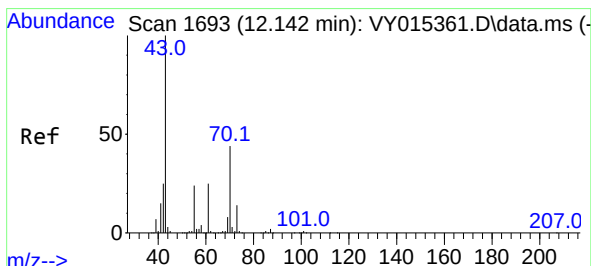
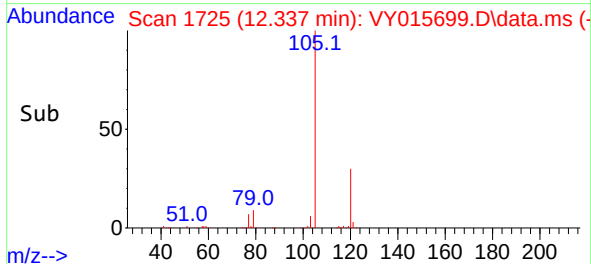
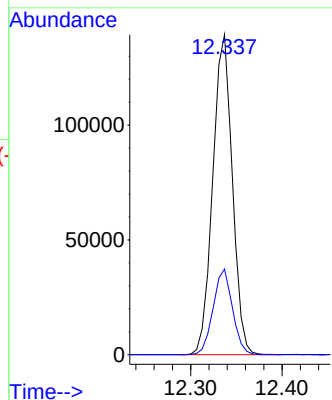
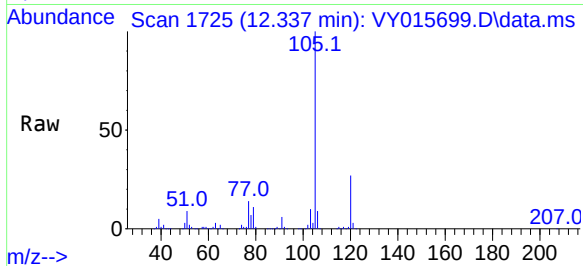




#73  
Isopropylbenzene  
Concen: 22.179 ug/l  
RT: 12.337 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

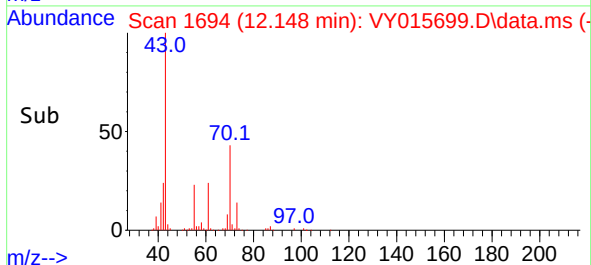
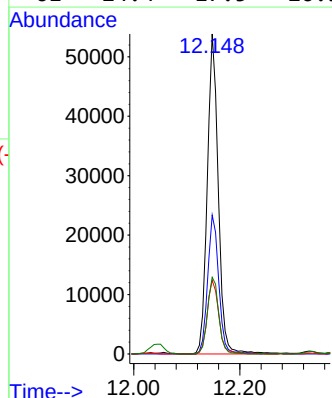
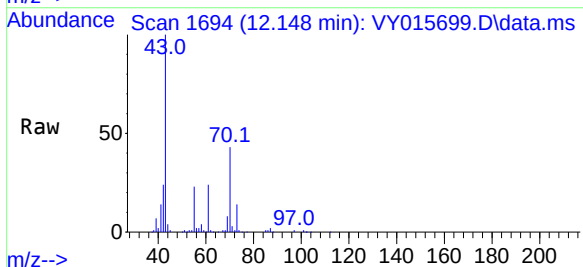
Instrument :  
MSVOA\_Y  
ClientSampleId :

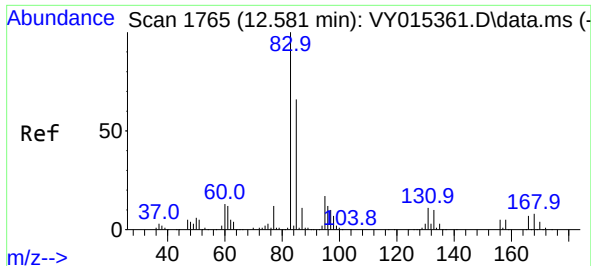
Tgt Ion:105 Resp: 206871  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.3 39.9



#74  
N-ethyl acetate  
Concen: 22.078 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion: 43 Resp: 77400  
Ion Ratio Lower Upper  
43 100  
70 43.4 29.7 44.5  
55 24.3 18.3 27.5  
61 24.4 17.5 26.3

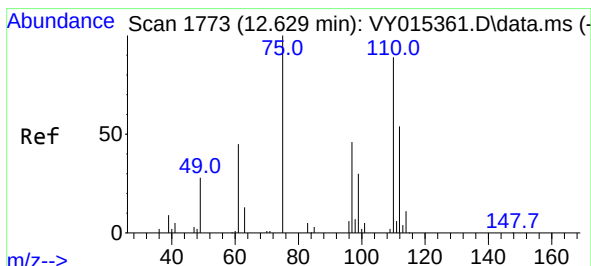
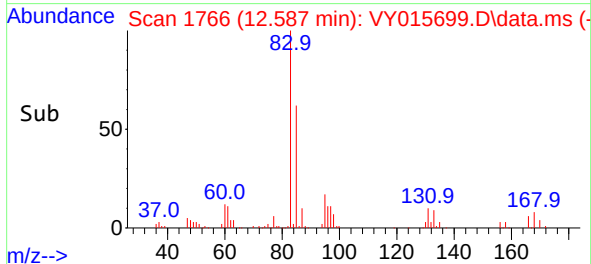
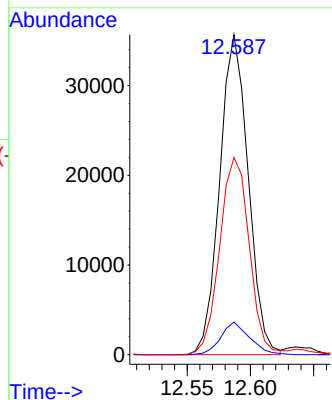
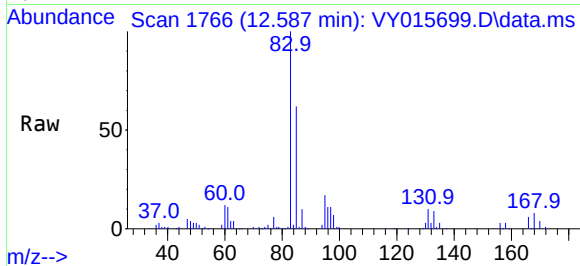




#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.543 ug/l  
RT: 12.587 min Scan# 1765  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

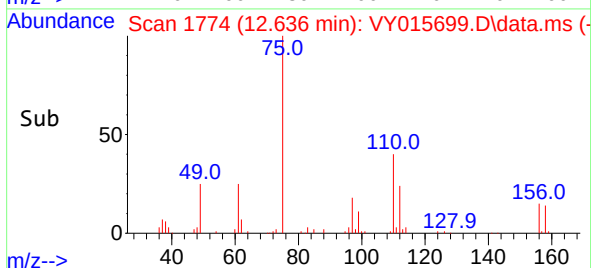
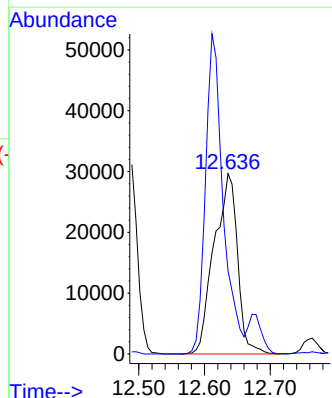
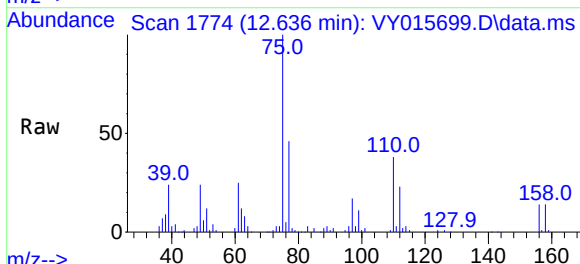
Instrument :  
MSVOA\_Y  
ClientSampleId :

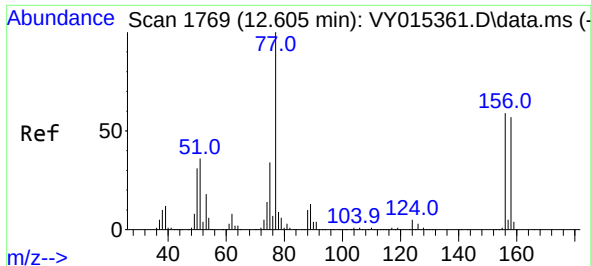
Tgt Ion: 83 Resp: 55925  
Ion Ratio Lower Upper  
83 100  
131 10.3 5.4 16.2  
85 64.0 31.8 95.4



#76  
1,2,3-Trichloropropane  
Concen: 36.985 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.007 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion: 75 Resp: 73364  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

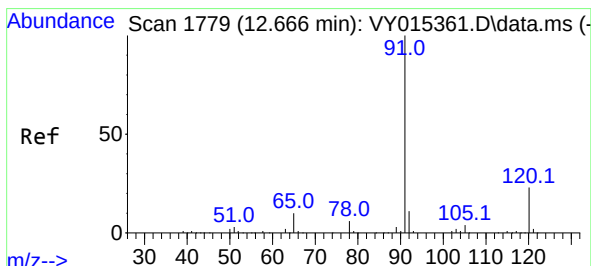
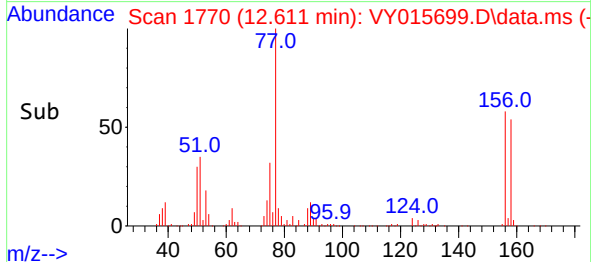
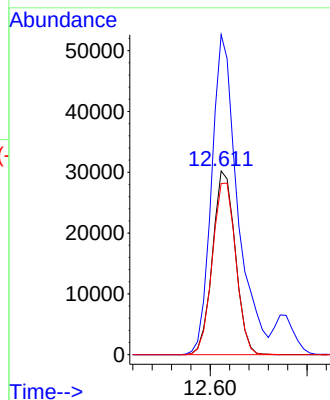
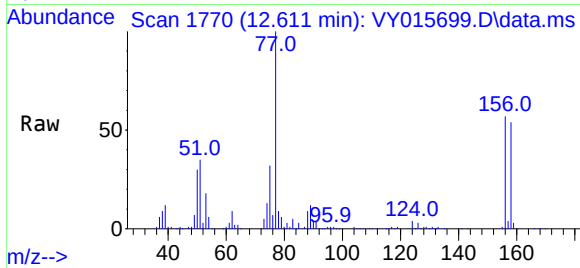




#77  
Bromobenzene  
Concen: 21.556 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

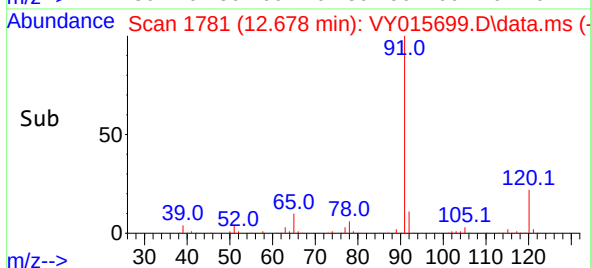
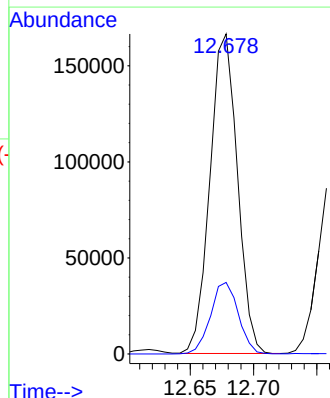
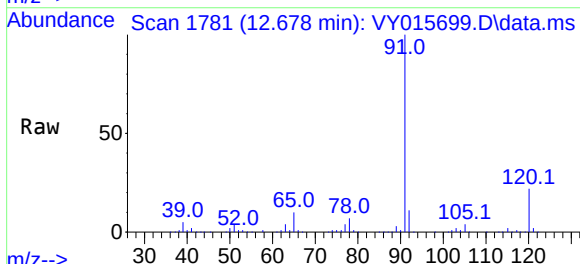
Instrument :  
MSVOA\_Y  
ClientSampleId :

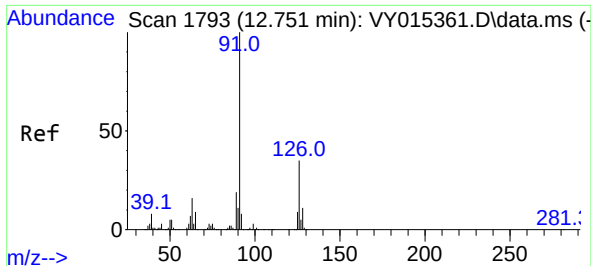
Tgt Ion:156 Resp: 49356  
Ion Ratio Lower Upper  
156 100  
77 198.9 92.8 278.6  
158 96.5 48.4 145.3



#78  
n-propylbenzene  
Concen: 22.173 ug/l  
RT: 12.678 min Scan# 1781  
Delta R.T. 0.012 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion: 91 Resp: 251259  
Ion Ratio Lower Upper  
91 100  
120 22.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.812 ug/l

RT: 12.764 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY015699.D

Acq: 25 Sep 2023 12:50

Instrument :

MSVOA\_Y

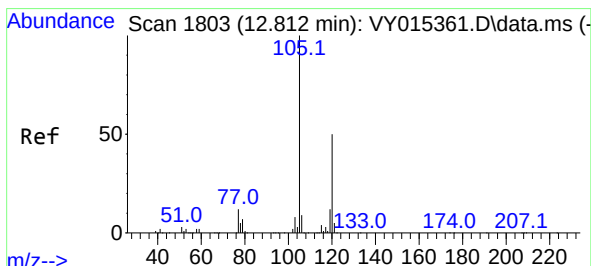
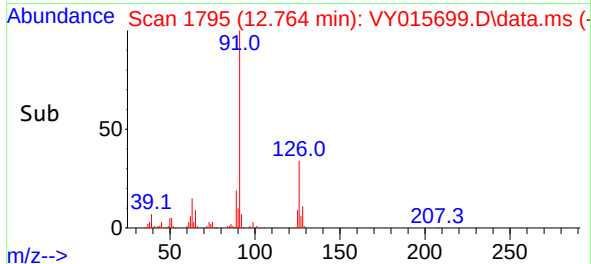
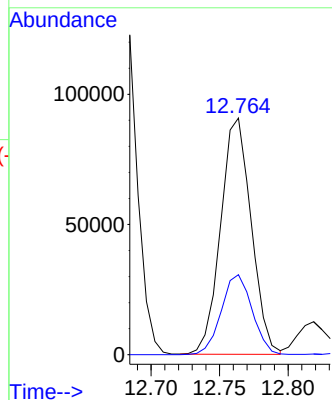
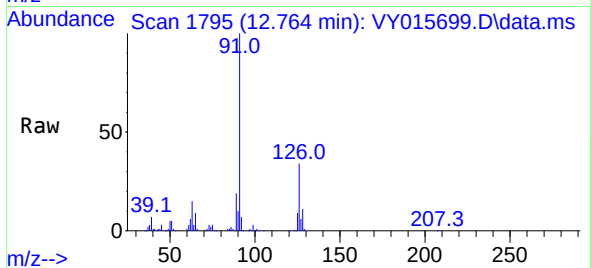
ClientSampleId :

Tgt Ion: 91 Resp: 140888

Ion Ratio Lower Upper

91 100

126 34.3 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 22.176 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.007 min

Lab File: VY015699.D

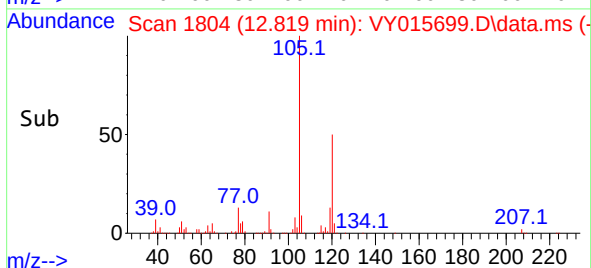
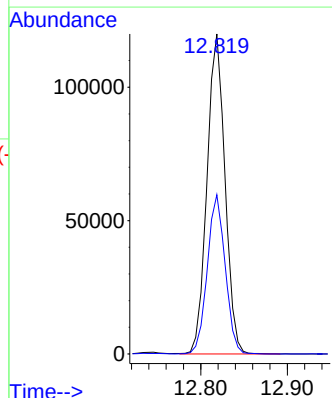
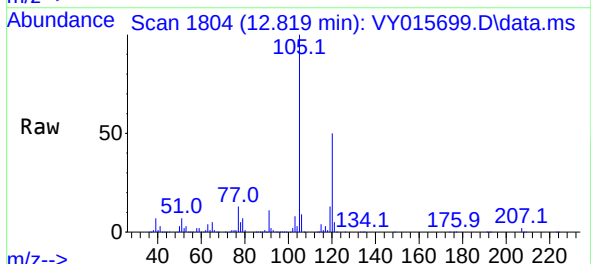
Acq: 25 Sep 2023 12:50

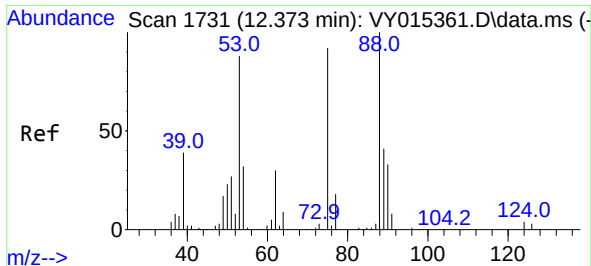
Tgt Ion: 105 Resp: 173165

Ion Ratio Lower Upper

105 100

120 49.5 23.9 71.7

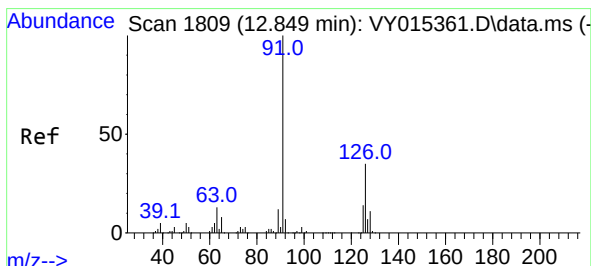
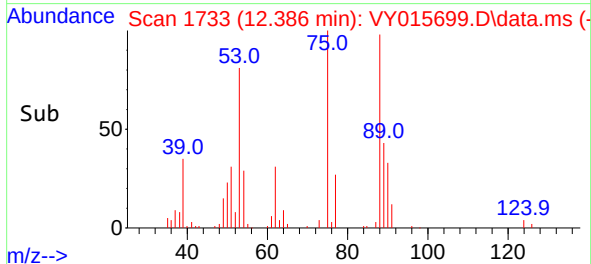
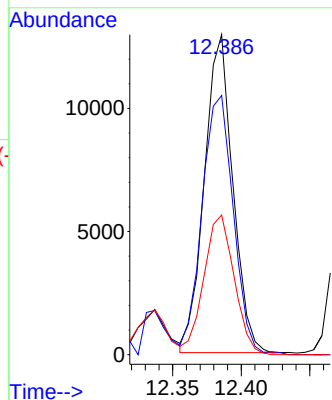
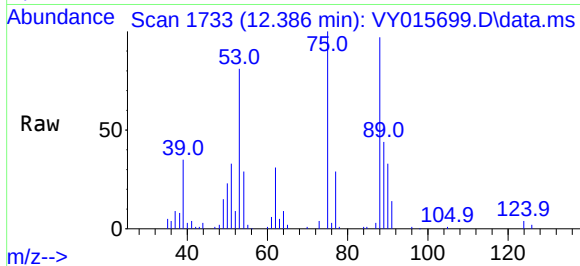




#81  
trans-1,4-Dichloro-2-butene  
Concen: 21.129 ug/l  
RT: 12.386 min Scan# 1111  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

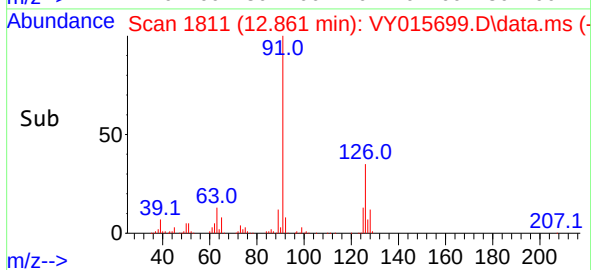
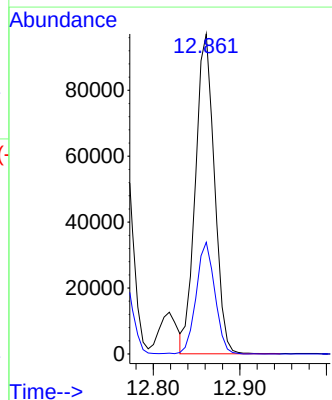
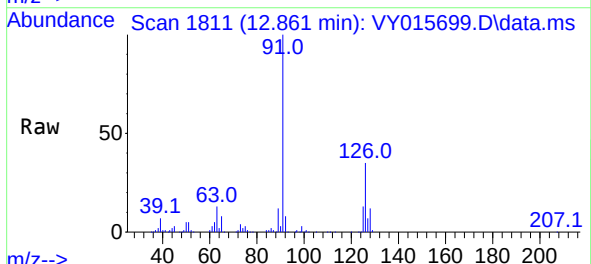
Instrument :  
MSVOA\_Y  
ClientSampleId :

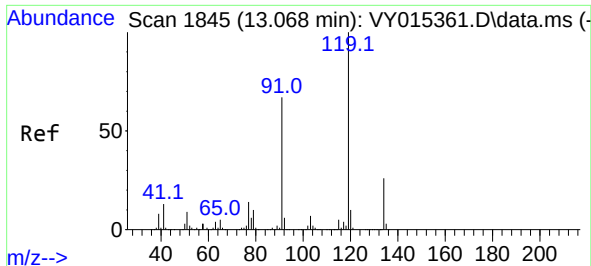
Tgt Ion: 75 Resp: 18612  
Ion Ratio Lower Upper  
75 100  
53 90.0 77.8 116.8  
89 47.0 37.4 56.0



#82  
4-Chlorotoluene  
Concen: 21.834 ug/l  
RT: 12.861 min Scan# 1811  
Delta R.T. 0.012 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion: 91 Resp: 147229  
Ion Ratio Lower Upper  
91 100  
126 34.5 17.2 51.6

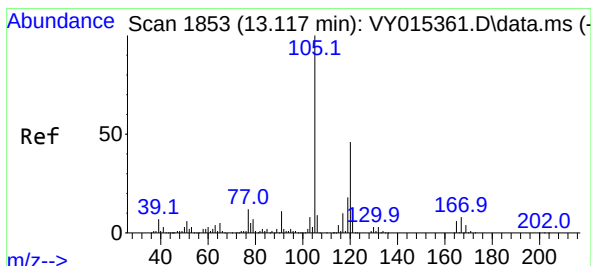
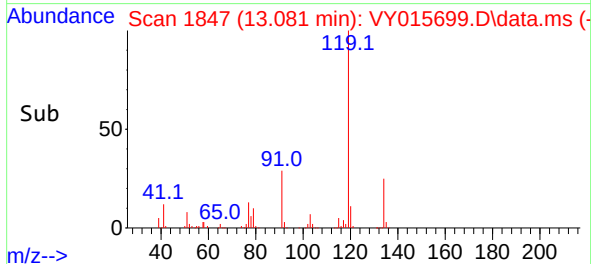
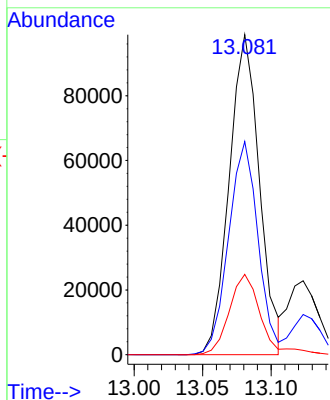
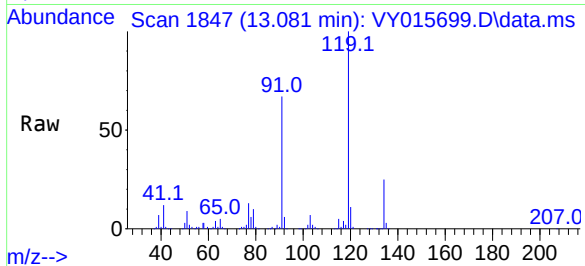




#83  
tert-Butylbenzene  
Concen: 22.262 ug/l  
RT: 13.081 min Scan# 119  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

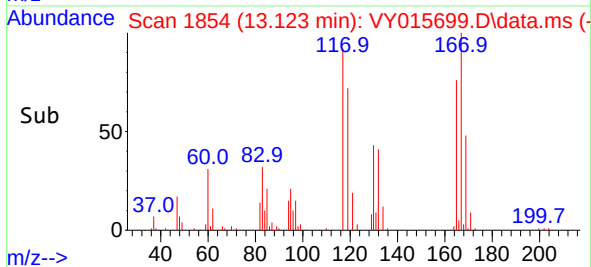
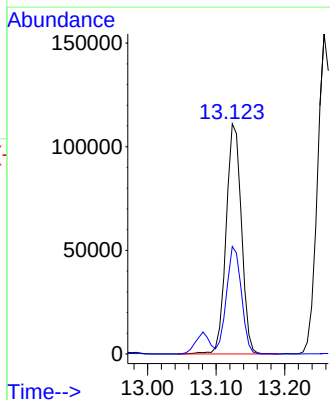
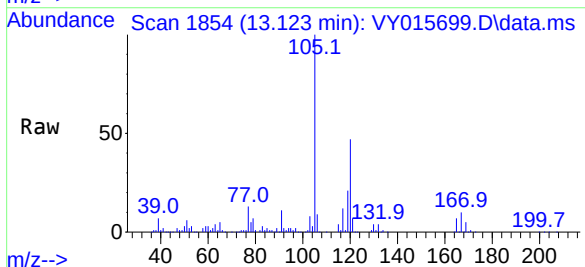
Instrument :  
MSVOA\_Y  
ClientSampleId :

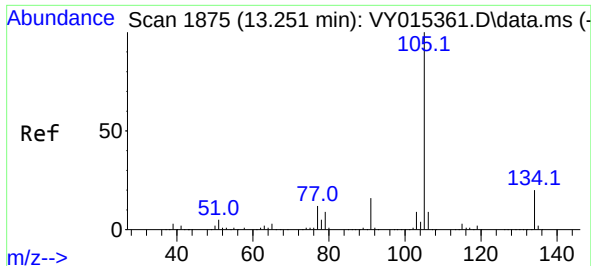
Tgt Ion:119 Resp: 152252  
Ion Ratio Lower Upper  
119 100  
91 64.7 32.9 98.6  
134 26.1 13.0 38.9



#84  
1,2,4-Trimethylbenzene  
Concen: 21.984 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion:105 Resp: 171763  
Ion Ratio Lower Upper  
105 100  
120 45.4 22.2 66.6

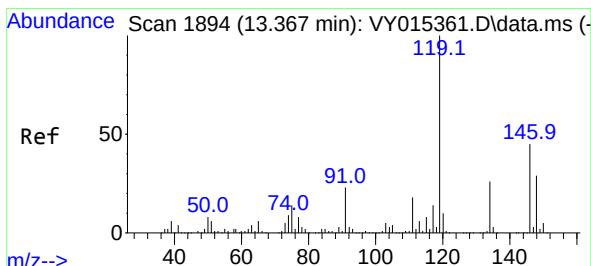
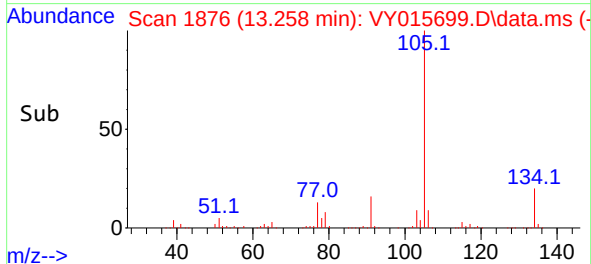
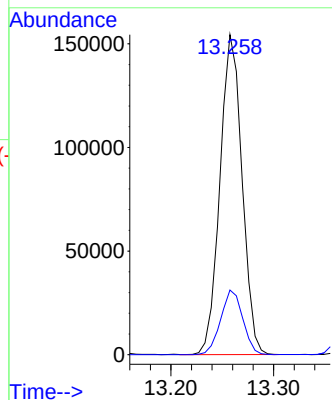
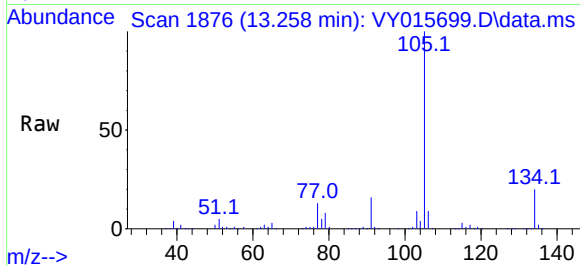




#85  
 sec-Butylbenzene  
 Concen: 22.495 ug/l  
 RT: 13.258 min Scan# 1875  
 Delta R.T. 0.007 min  
 Lab File: VY015699.D  
 Acq: 25 Sep 2023 12:50

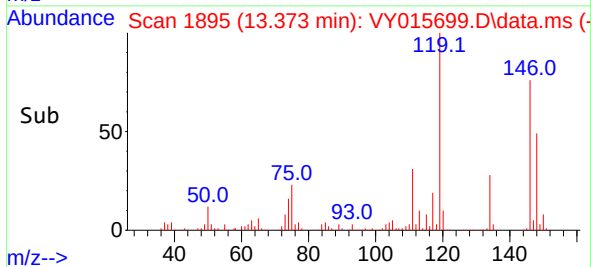
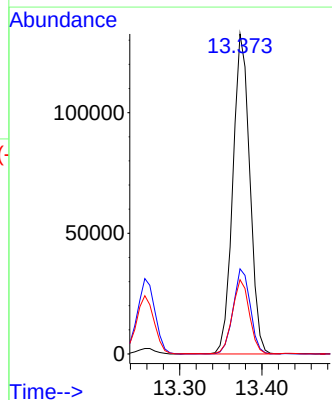
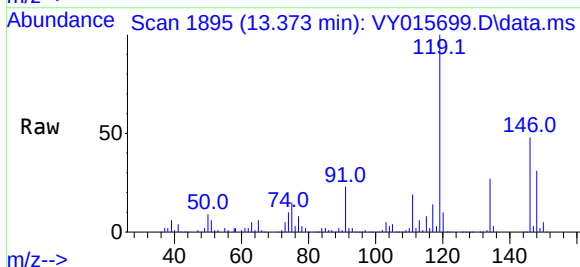
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

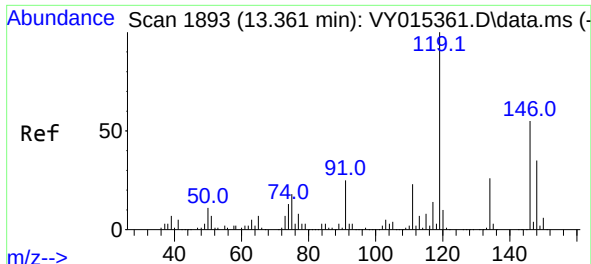
Tgt Ion:105 Resp: 230233  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 10.2 30.6



#86  
 p-Isopropyltoluene  
 Concen: 22.288 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.006 min  
 Lab File: VY015699.D  
 Acq: 25 Sep 2023 12:50

Tgt Ion:119 Resp: 190555  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 13.3 39.8  
 91 23.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 21.808 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015699.D

Acq: 25 Sep 2023 12:50

Instrument :

MSVOA\_Y

ClientSampleId :

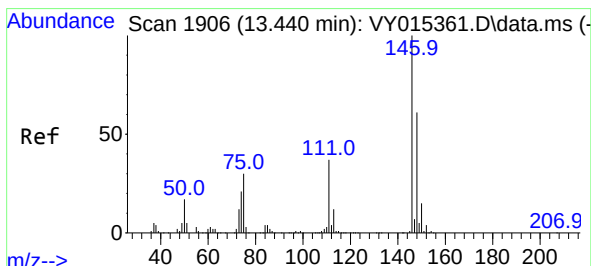
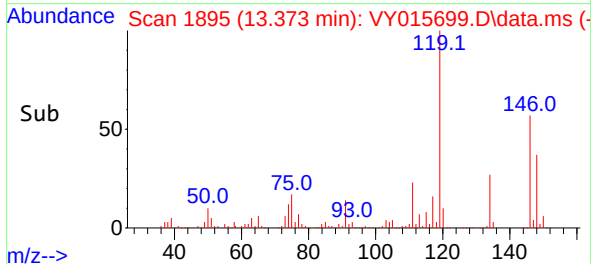
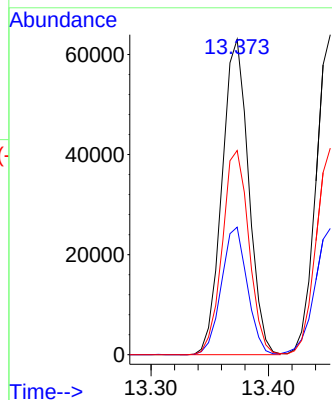
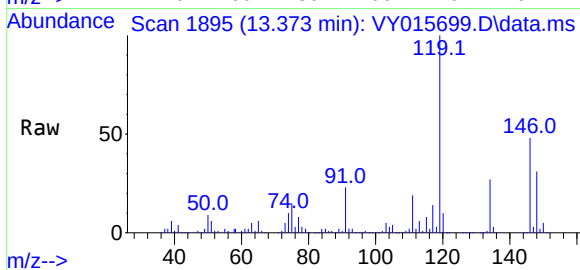
Tgt Ion:146 Resp: 99056

Ion Ratio Lower Upper

146 100

111 39.4 19.4 58.2

148 64.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 21.872 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.007 min

Lab File: VY015699.D

Acq: 25 Sep 2023 12:50

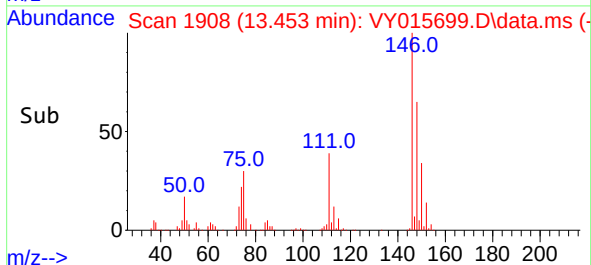
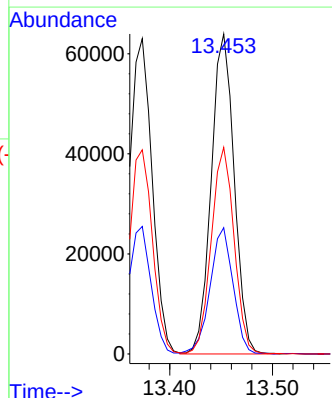
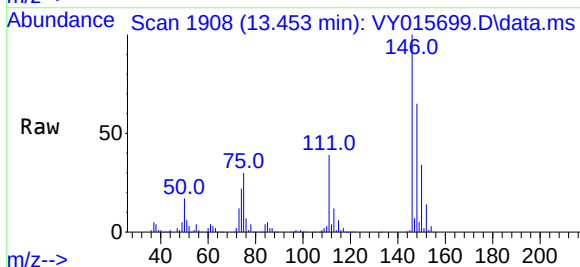
Tgt Ion:146 Resp: 99362

Ion Ratio Lower Upper

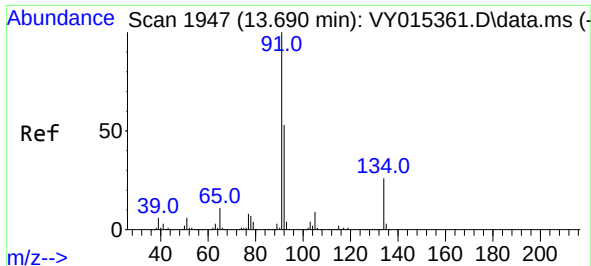
146 100

111 39.7 18.9 56.7

148 64.3 32.1 96.5



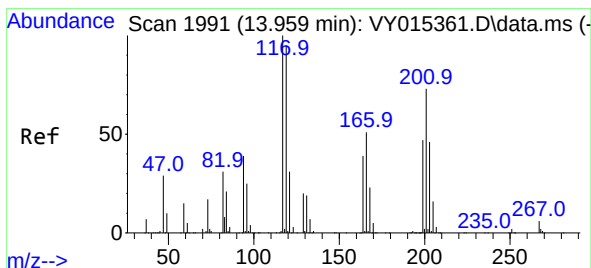
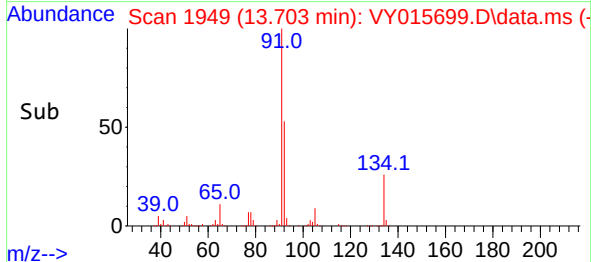
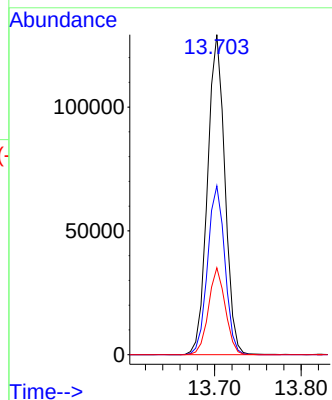
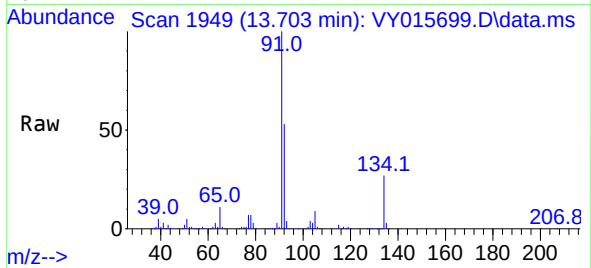




#89  
n-Butylbenzene  
Concen: 22.235 ug/l  
RT: 13.703 min Scan# 1949  
Delta R.T. 0.007 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

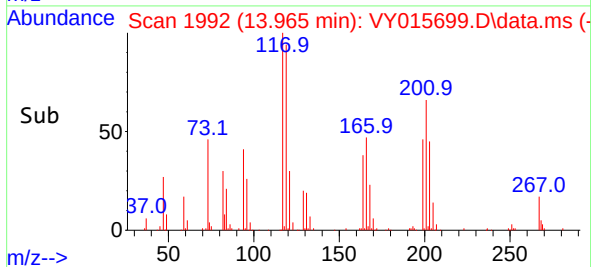
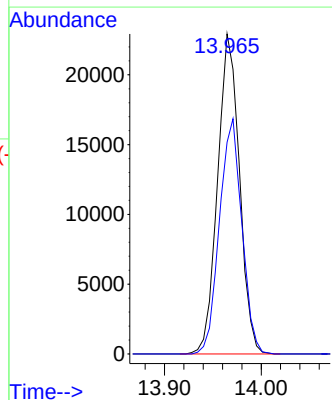
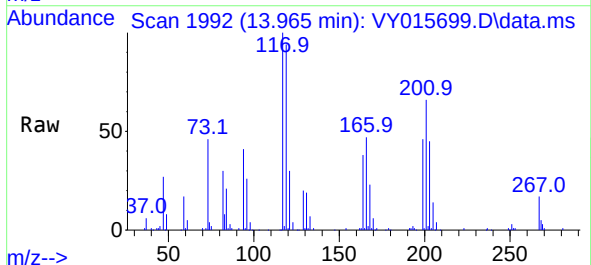
Instrument :  
MSVOA\_Y  
ClientSampleId :

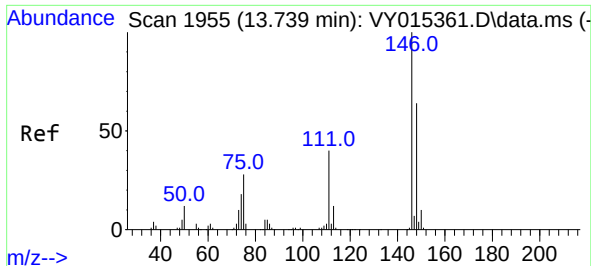
Tgt Ion: 91 Resp: 180009  
Ion Ratio Lower Upper  
91 100  
92 52.5 25.4 76.0  
134 26.3 12.6 37.6



#90  
Hexachloroethane  
Concen: 21.758 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

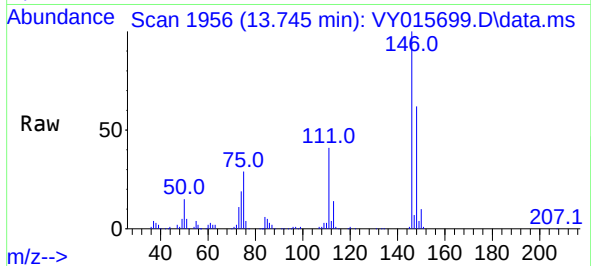
Tgt Ion: 117 Resp: 35902  
Ion Ratio Lower Upper  
117 100  
201 75.2 41.6 124.8



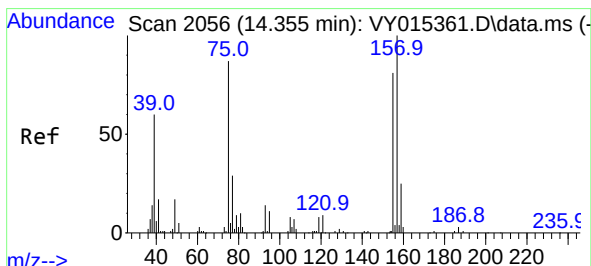
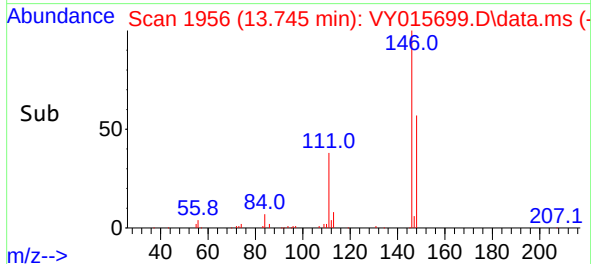
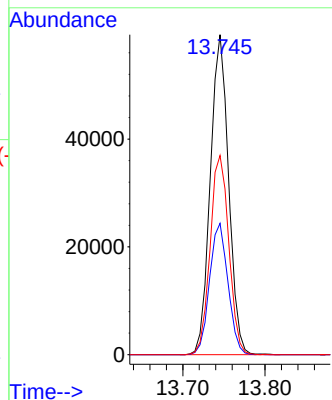


#91  
1,2-Dichlorobenzene  
Concen: 21.871 ug/l  
RT: 13.745 min Scan# 1955  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Instrument :  
MSVOA\_Y  
ClientSampleId :

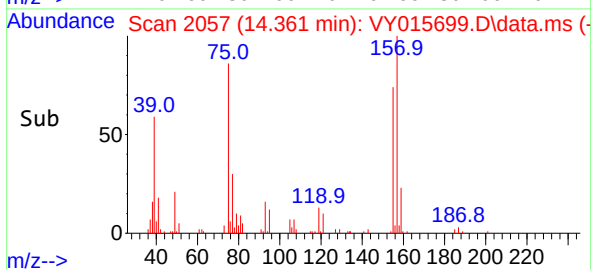
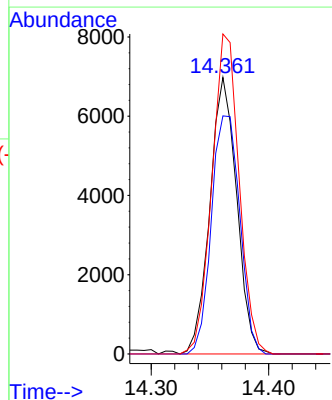
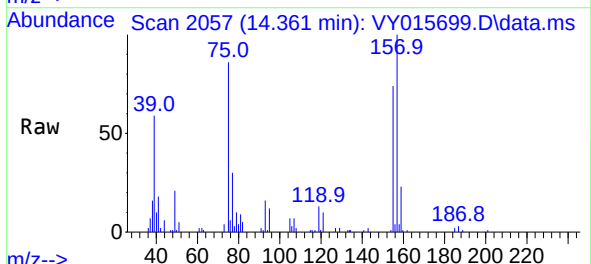


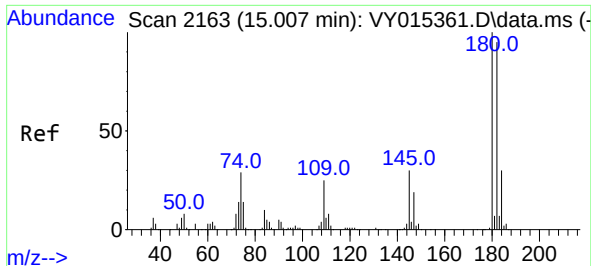
Tgt Ion:146 Resp: 91708  
Ion Ratio Lower Upper  
146 100  
111 41.4 19.7 59.0  
148 63.6 32.0 96.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 21.427 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion: 75 Resp: 11047  
Ion Ratio Lower Upper  
75 100  
155 91.3 41.5 124.6  
157 117.5 51.8 155.5

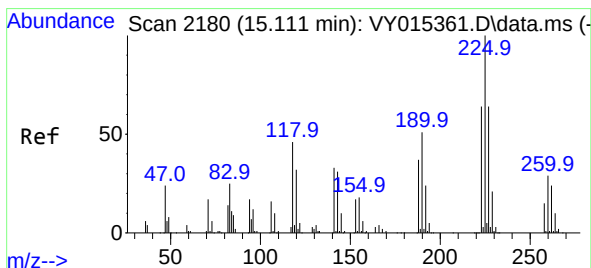
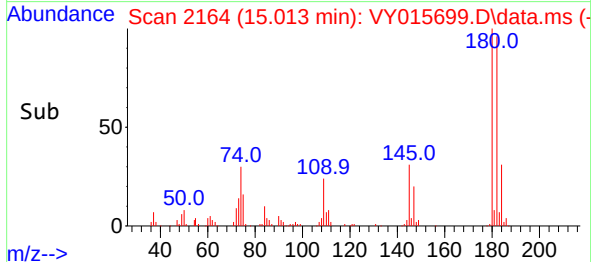
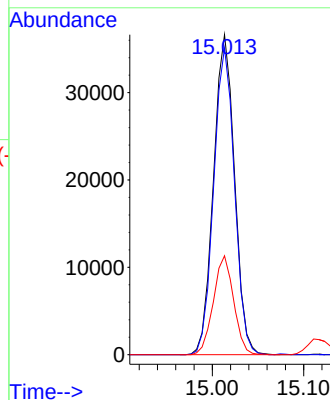
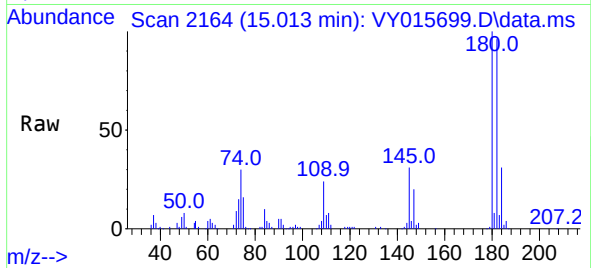




#93  
1,2,4-Trichlorobenzene  
Concen: 22.124 ug/l  
RT: 15.013 min Scan# 2163  
Delta R.T. 0.012 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

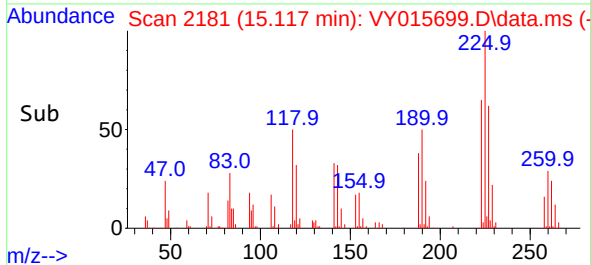
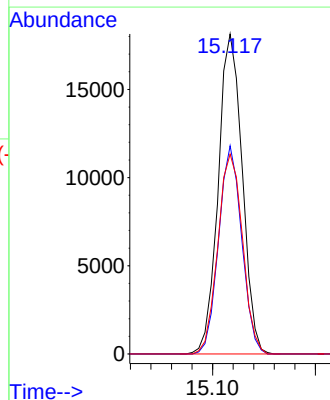
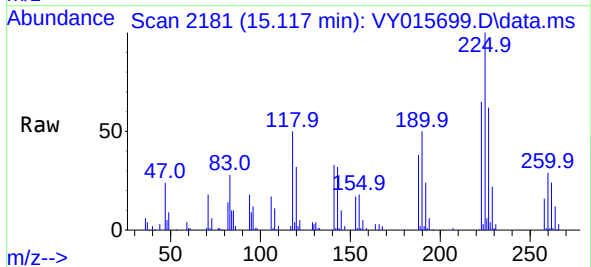
Instrument :  
MSVOA\_Y  
ClientSampleId :

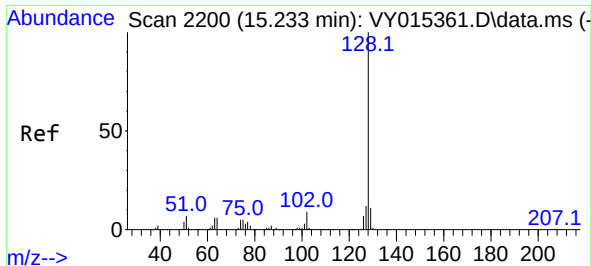
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.7  | 47.0  | 141.2 |
| 145     | 29.8  | 14.5  | 43.5  |



#94  
Hexachlorobutadiene  
Concen: 21.731 ug/l  
RT: 15.117 min Scan# 2181  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

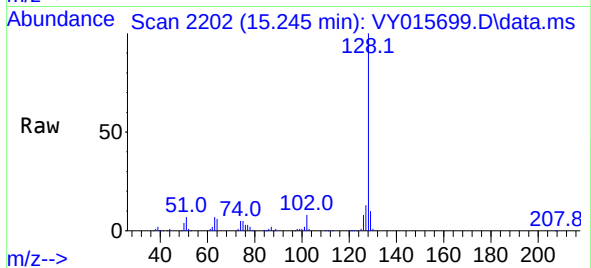
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.4  | 31.9  | 95.9  |
| 227     | 64.0  | 33.0  | 98.9  |



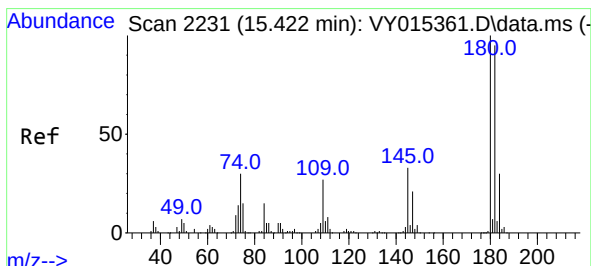
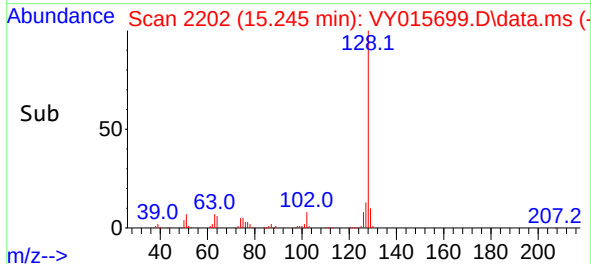
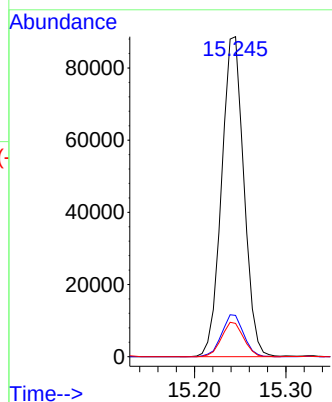


#95  
Naphthalene  
Concen: 21.829 ug/l  
RT: 15.245 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Instrument :  
MSVOA\_Y  
ClientSampleId :



Tgt Ion:128 Resp: 150252  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.8 16.2  
129 10.7 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 22.013 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.006 min  
Lab File: VY015699.D  
Acq: 25 Sep 2023 12:50

Tgt Ion:180 Resp: 53633  
Ion Ratio Lower Upper  
180 100  
182 93.4 47.3 141.8  
145 32.6 15.4 46.2

