

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011023\  
 Data File : VY012148.D  
 Acq On : 10 Jan 2023 17:46  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jan 11 03:10:34 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010623S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jan 07 01:46:48 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 158237   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 235527   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 224551   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 121712   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 80958    | 45.532   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 91.060% |
| 35) Dibromofluoromethane    | 7.716  | 113   | 72977    | 47.140   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 94.280% |
| 50) Toluene-d8              | 10.179 | 98    | 277935   | 45.486   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 90.980% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 103555   | 48.485   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 96.960% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 60661  | 48.088  | ug/l   | 97  |
| 3) Chloromethane             | 2.113 | 50  | 54716  | 47.418  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.253 | 62  | 66889  | 43.493  | ug/l   | 98  |
| 5) Bromomethane              | 2.650 | 94  | 51120  | 50.859  | ug/l   | 92  |
| 6) Chloroethane              | 2.796 | 64  | 46866  | 45.997  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.131 | 101 | 143673 | 46.894  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.534 | 74  | 45210  | 48.196  | ug/l   | 82  |
| 9) 1,1,2-Trichlorotrifluo... | 3.899 | 101 | 75846  | 48.081  | ug/l   | 95  |
| 10) Methyl Iodide            | 4.094 | 142 | 96894  | 45.309  | ug/l   | 94  |
| 11) Tert butyl alcohol       | 4.948 | 59  | 45941  | 216.916 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 3.875 | 96  | 72189  | 46.678  | ug/l   | 97  |
| 13) Acrolein                 | 3.729 | 56  | 19414  | 205.849 | ug/l   | 97  |
| 14) Allyl chloride           | 4.485 | 41  | 94781  | 45.463  | ug/l # | 88  |
| 15) Acrylonitrile            | 5.161 | 53  | 112302 | 254.815 | ug/l   | 100 |
| 16) Acetone                  | 3.942 | 43  | 101063 | 241.625 | ug/l   | 96  |
| 17) Carbon Disulfide         | 4.198 | 76  | 173180 | 46.072  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.479 | 43  | 55366  | 46.017  | ug/l   | 90  |
| 19) Methyl tert-butyl Ether  | 5.222 | 73  | 231591 | 50.877  | ug/l   | 95  |
| 20) Methylene Chloride       | 4.716 | 84  | 108529 | 62.902  | ug/l   | 90  |
| 21) trans-1,2-Dichloroethene | 5.222 | 96  | 81694  | 47.738  | ug/l   | 94  |
| 22) Diisopropyl ether        | 6.119 | 45  | 218427 | 50.931  | ug/l # | 94  |
| 23) Vinyl Acetate            | 6.064 | 43  | 664671 | 256.112 | ug/l # | 91  |
| 24) 1,1-Dichloroethane       | 6.015 | 63  | 142616 | 49.993  | ug/l   | 99  |
| 25) 2-Butanone               | 6.984 | 43  | 132418 | 239.957 | ug/l # | 85  |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 148588 | 48.282  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 6.984 | 96  | 99393  | 50.852  | ug/l   | 94  |
| 28) Bromochloromethane       | 7.332 | 49  | 32825  | 45.514  | ug/l # | 79  |
| 29) Tetrahydrofuran          | 7.350 | 42  | 80253  | 249.143 | ug/l # | 85  |
| 30) Chloroform               | 7.508 | 83  | 169897 | 52.247  | ug/l   | 98  |
| 31) Cyclohexane              | 7.783 | 56  | 107665 | 47.788  | ug/l   | 92  |
| 32) 1,1,1-Trichloroethane    | 7.704 | 97  | 160298 | 50.752  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 113745 | 48.430  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.070 | 43  | 57856  | 46.006  | ug/l # | 96  |
| 38) Carbon Tetrachloride     | 7.899 | 117 | 152421 | 51.130  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.185 | 83  | 132918 | 47.375  | ug/l   | 95  |
| 40) Benzene                  | 8.161 | 78  | 338297 | 49.429  | ug/l   | 99  |

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 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jan 11 03:10:34 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010623S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jan 07 01:46:48 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 79638    | 116.437  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 113570   | 52.414   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 105154   | 49.895   | ug/l # | 95       |
| 44) Trichloroethene           | 8.941  | 130  | 100189   | 50.135   | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 78304    | 51.350   | ug/l   | 100      |
| 46) Dibromomethane            | 9.307  | 93   | 50557    | 52.665   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.496  | 83   | 131261   | 53.775   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.295  | 41   | 47812    | 50.647   | ug/l   | 88       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 13962    | 1050.300 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 292368   | 260.715  | ug/l   | 95       |
| 52) Toluene                   | 10.246 | 92   | 230222   | 50.820   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 131896   | 51.942   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 141557   | 51.530   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 75666    | 54.574   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 98675    | 54.328   | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 121946   | 53.294   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 161974   | 243.810  | ug/l   | 92       |
| 59) 2-Hexanone                | 10.831 | 43   | 212461   | 269.816  | ug/l   | 96       |
| 60) Dibromochloromethane      | 10.983 | 129  | 100862   | 55.173   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 69253    | 52.187   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.721 | 164  | 110966   | 50.445   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.520 | 112  | 255580   | 49.836   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 103177   | 52.110   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 458666   | 50.037   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 360791   | 100.352  | ug/l   | 99       |
| 69) o-Xylene                  | 12.032 | 106  | 174915   | 51.096   | ug/l   | 98       |
| 70) Styrene                   | 12.044 | 104  | 299873   | 51.570   | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 66006    | 52.467   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.331 | 105  | 471726   | 48.981   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 95945    | 48.256   | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 79906    | 49.323   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 116450   | 83.795   | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 115188   | 50.147   | ug/l   | 92       |
| 78) n-propylbenzene           | 12.672 | 91   | 548499   | 48.787   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 315055   | 48.989   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 413580   | 50.068   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 30019    | 47.972   | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 330585   | 49.147   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 355196   | 49.077   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 408988   | 50.019   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 518552   | 49.848   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 452378   | 50.195   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 228038   | 49.526   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 223150   | 48.516   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 391130   | 50.081   | ug/l   | 98       |
| 90) Hexachloroethane          | 13.965 | 117  | 82509    | 49.348   | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 205805   | 50.172   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 15592    | 48.424   | ug/l   | 91       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 130465   | 51.015   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 78662    | 50.979   | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 266156   | 52.588   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 115163   | 51.794   | ug/l   | 100      |

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Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 21 Sample Multiplier: 1

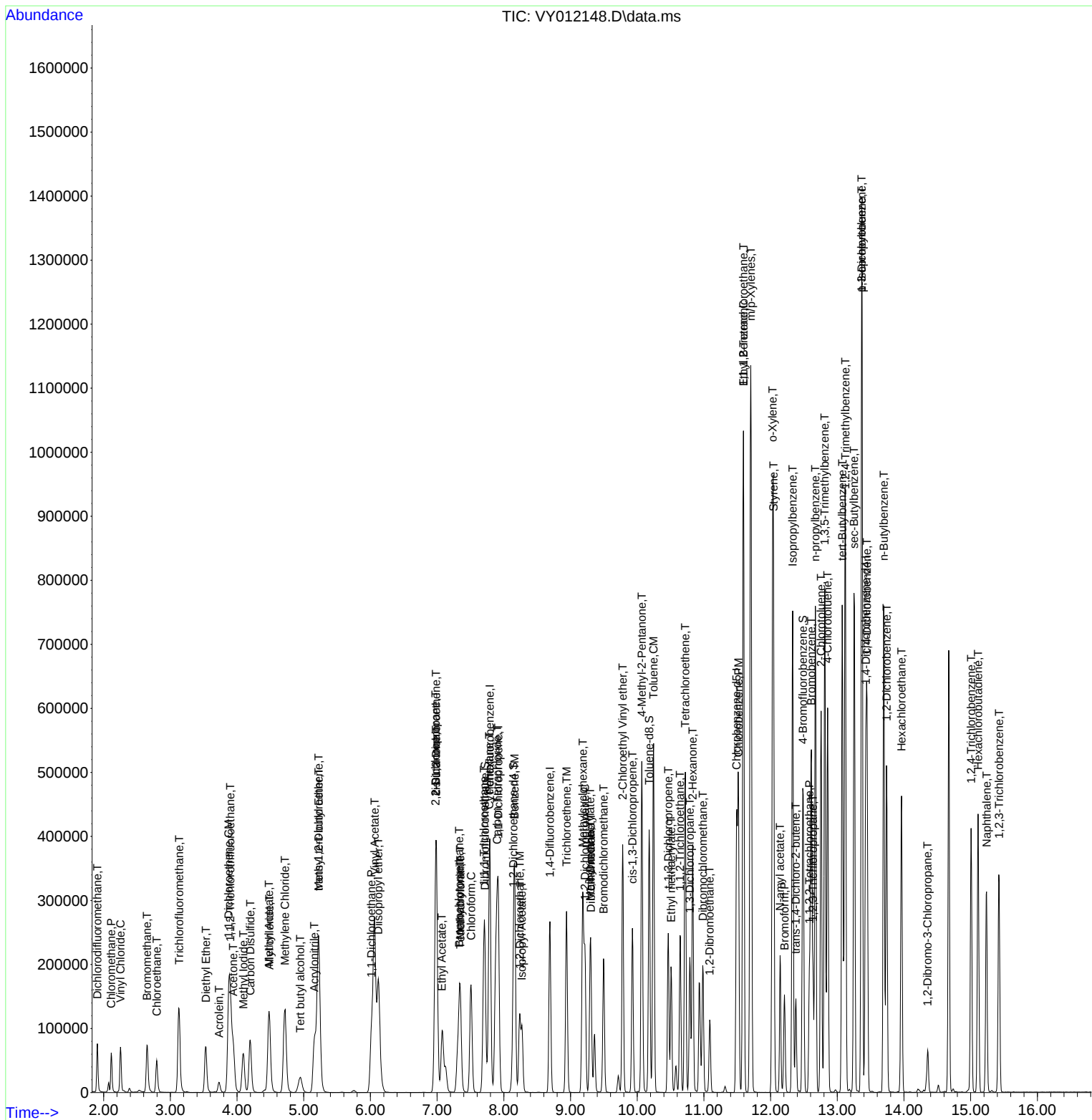
Instrument :  
MSVOA\_Y  
ClientSampleId :

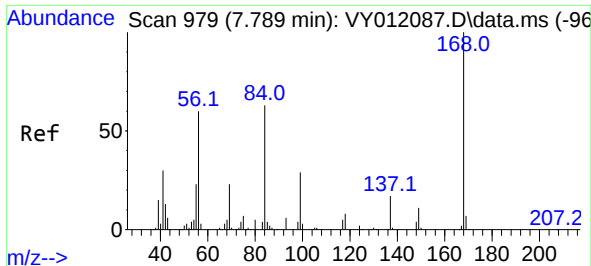
Quant Time: Jan 11 03:10:34 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010623S.M  
Quant Title : SW846 8260  
QLast Update : Sat Jan 07 01:46:48 2023  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010623S.M  
Quant Title : SW846 8260  
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Response via : Initial Calibration

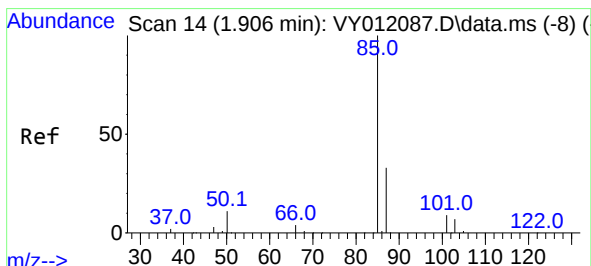
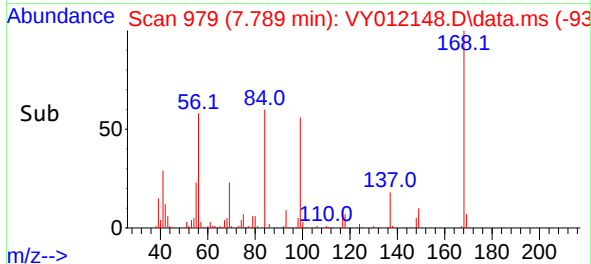
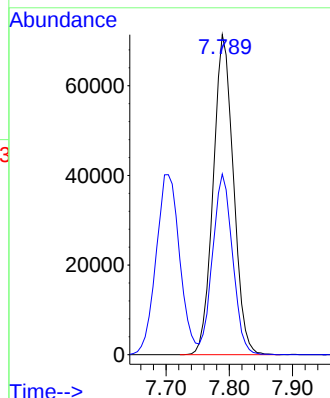
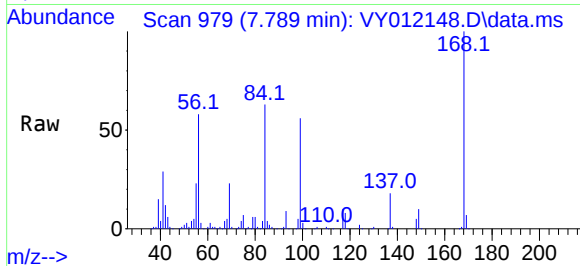




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

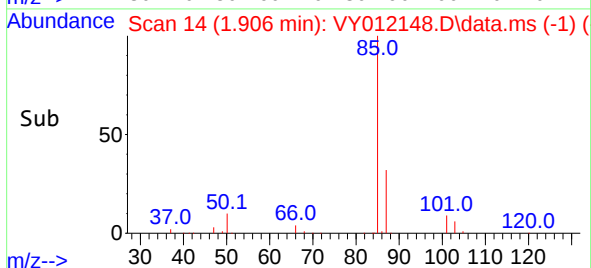
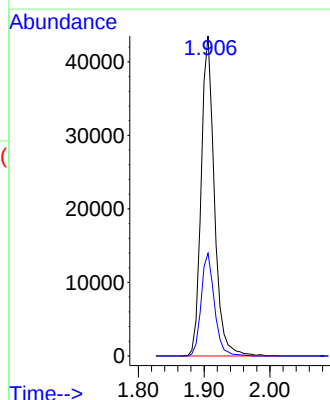
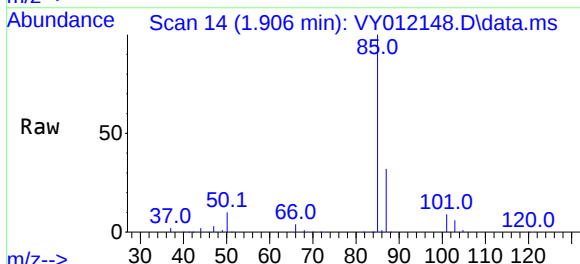
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:168 Resp: 158237  
Ion Ratio Lower Upper  
168 100  
99 56.5 44.0 66.0

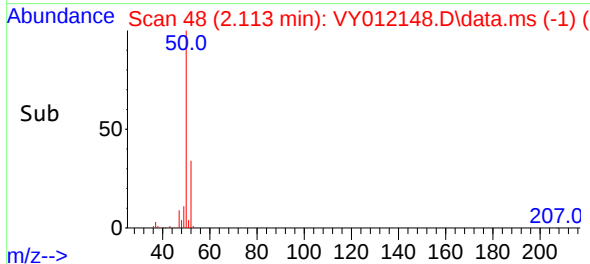
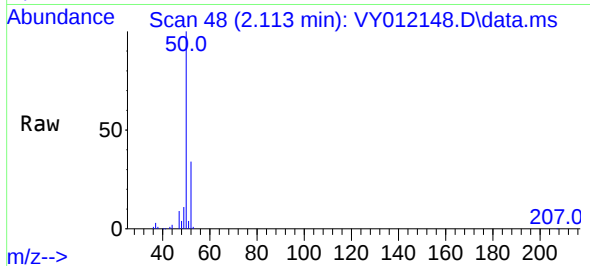
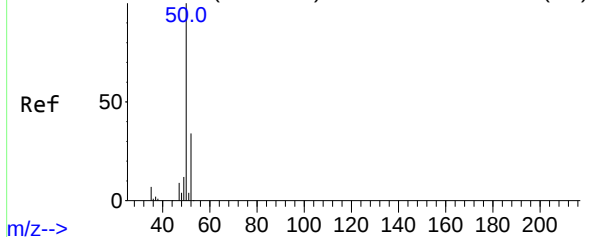


#2  
Dichlorodifluoromethane  
Concen: 48.088 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion: 85 Resp: 60661  
Ion Ratio Lower Upper  
85 100  
87 32.1 16.8 50.4



Abundance Scan 48 (2.113 min): VY012087.D\data.ms (-38)



#3

Chloromethane

Concen: 47.418 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY012148.D

Acq: 10 Jan 2023 17:46

Instrument :

MSVOA\_Y

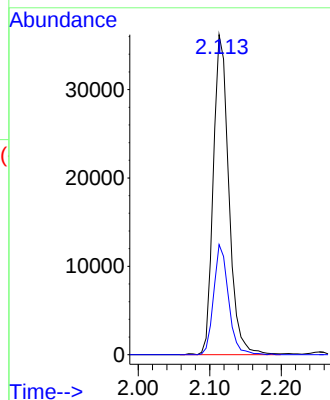
ClientSampleId :

Tgt Ion: 50 Resp: 54716

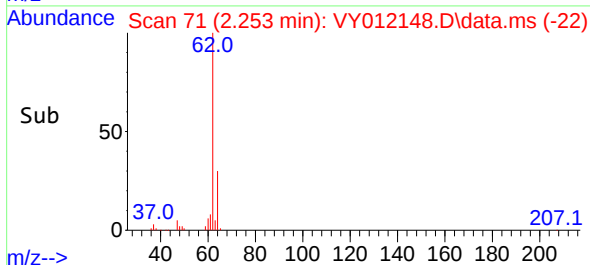
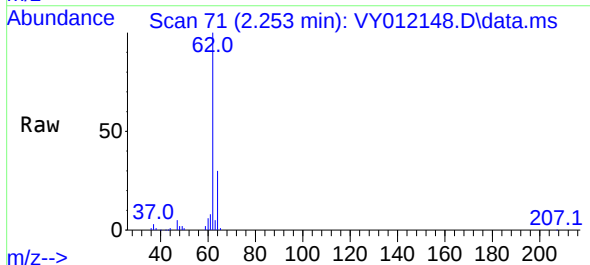
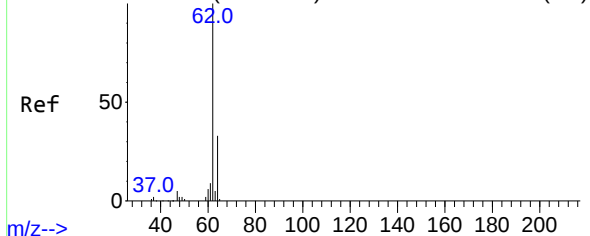
Ion Ratio Lower Upper

50 100

52 34.4 26.8 40.2



Abundance Scan 71 (2.253 min): VY012087.D\data.ms (-64)



#4

Vinyl Chloride

Concen: 43.493 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY012148.D

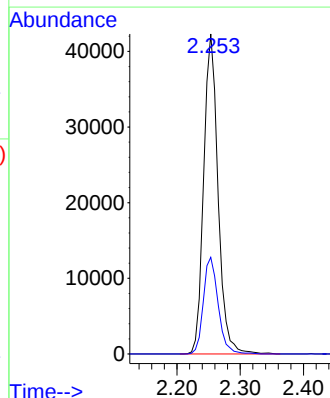
Acq: 10 Jan 2023 17:46

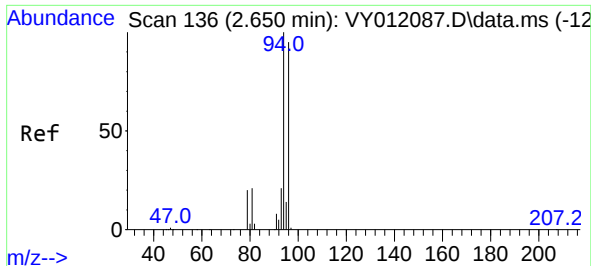
Tgt Ion: 62 Resp: 66889

Ion Ratio Lower Upper

62 100

64 30.2 25.0 37.6

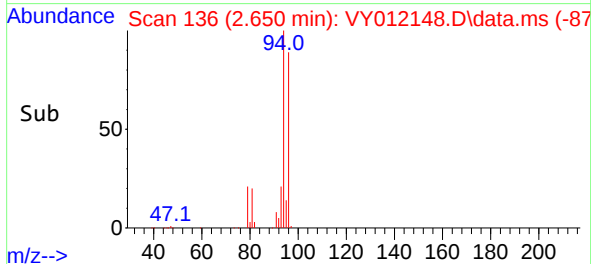
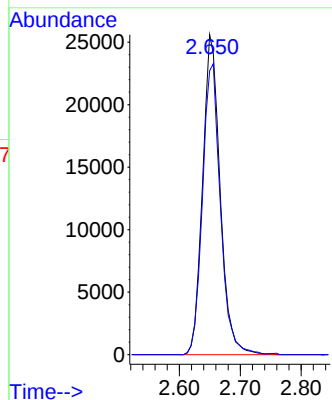
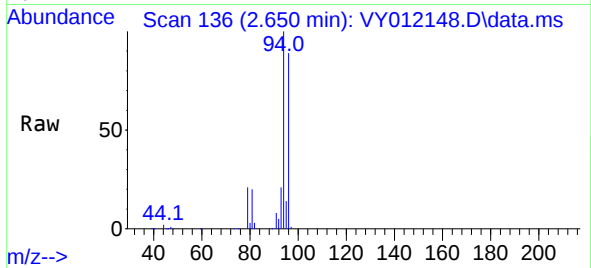




#5  
Bromomethane  
Concen: 50.859 ug/l  
RT: 2.650 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

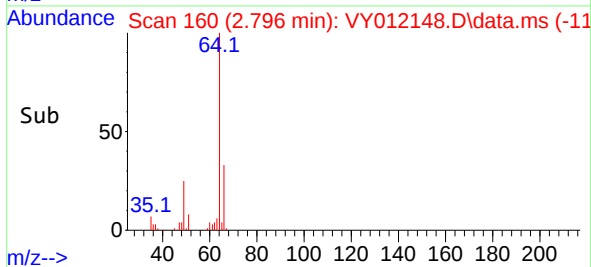
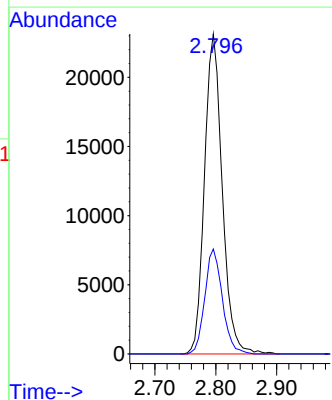
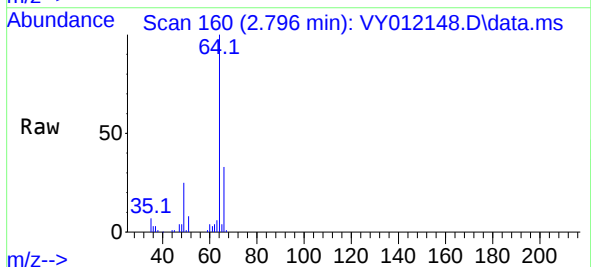
Instrument :  
MSVOA\_Y  
ClientSampleId :

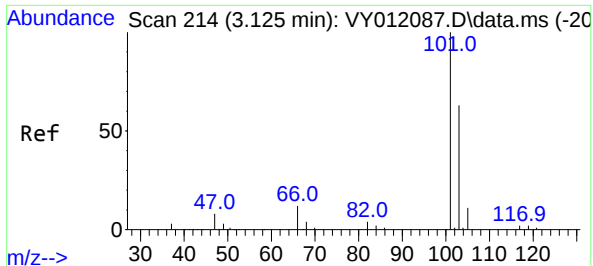
Tgt Ion: 94 Resp: 51120  
Ion Ratio Lower Upper  
94 100  
96 88.7 77.4 116.2



#6  
Chloroethane  
Concen: 45.997 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion: 64 Resp: 46866  
Ion Ratio Lower Upper  
64 100  
66 32.8 25.0 37.4

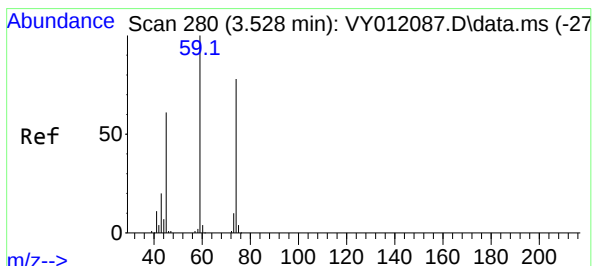
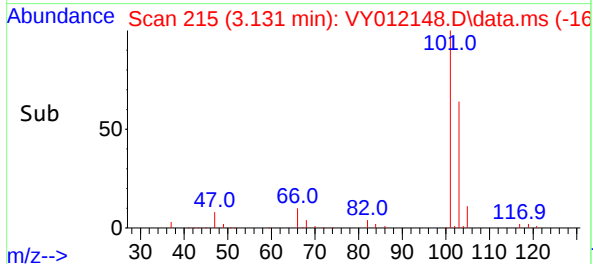
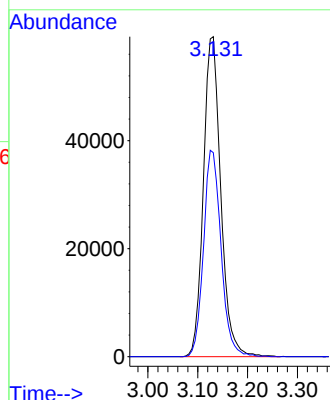
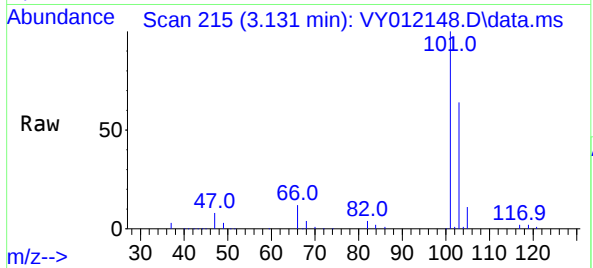




#7  
 Trichlorofluoromethane  
 Concen: 46.894 ug/l  
 RT: 3.131 min Scan# 214  
 Delta R.T. 0.006 min  
 Lab File: VY012148.D  
 Acq: 10 Jan 2023 17:46

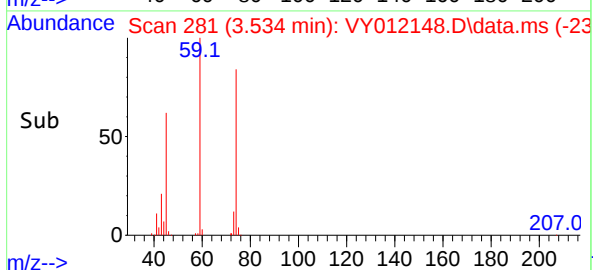
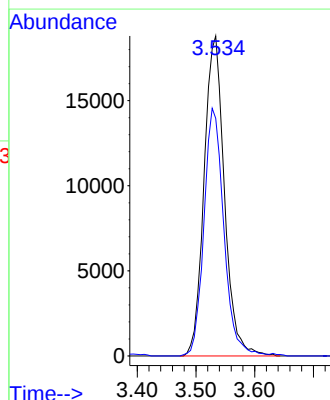
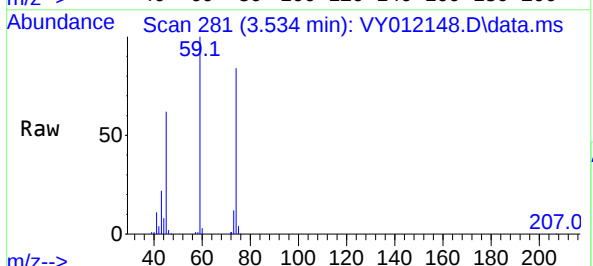
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

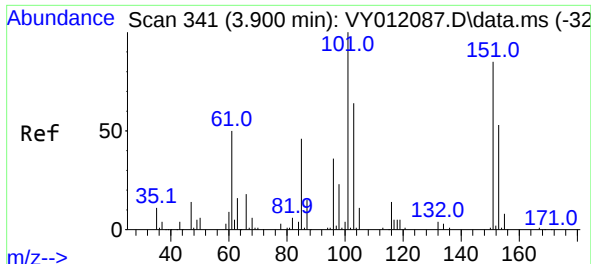
Tgt Ion:101 Resp: 143673  
 Ion Ratio Lower Upper  
 101 100  
 103 63.7 51.0 76.6



#8  
 Diethyl Ether  
 Concen: 48.196 ug/l  
 RT: 3.534 min Scan# 281  
 Delta R.T. 0.006 min  
 Lab File: VY012148.D  
 Acq: 10 Jan 2023 17:46

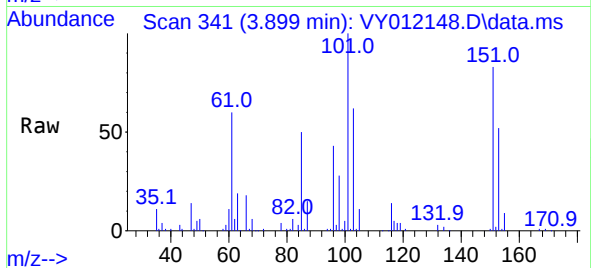
Tgt Ion: 74 Resp: 45210  
 Ion Ratio Lower Upper  
 74 100  
 45 75.9 46.8 140.3



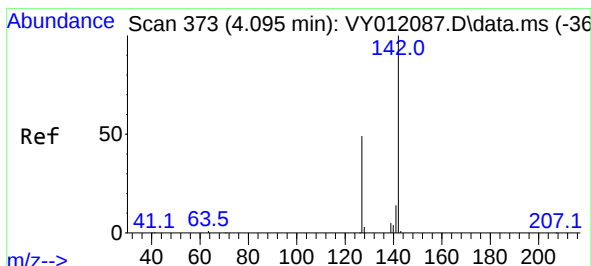
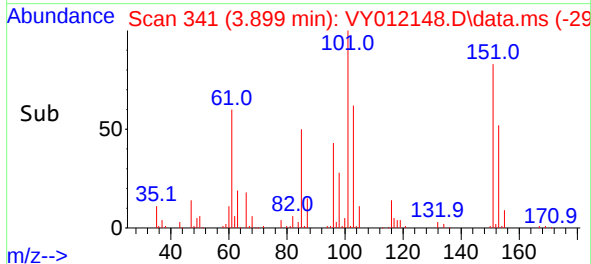
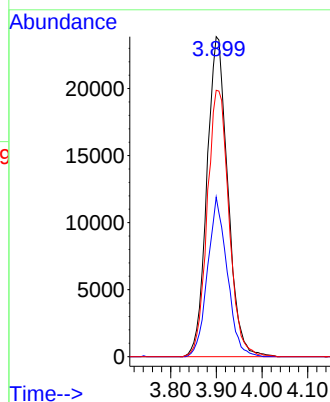


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.081 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. -0.001 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Instrument :  
MSVOA\_Y  
ClientSampleId :

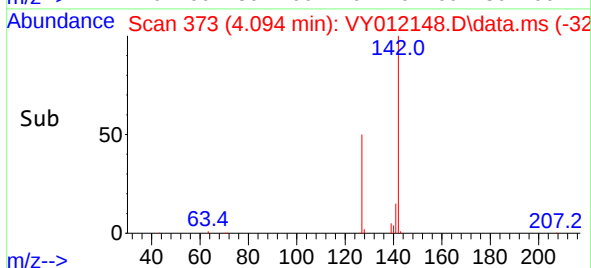
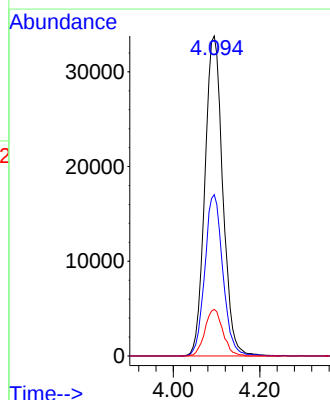
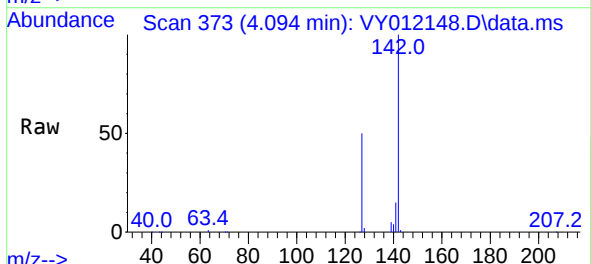


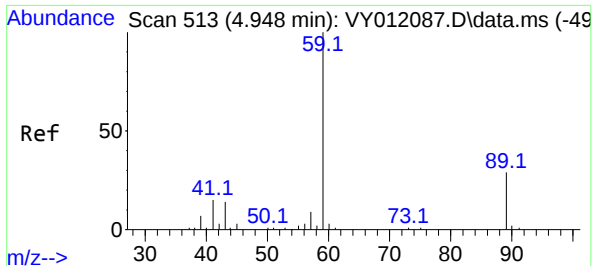
Tgt Ion:101 Resp: 75846  
Ion Ratio Lower Upper  
101 100  
85 46.7 36.2 54.2  
151 86.3 64.2 96.2



#10  
Methyl Iodide  
Concen: 45.309 ug/l  
RT: 4.094 min Scan# 373  
Delta R.T. -0.001 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion:142 Resp: 96894  
Ion Ratio Lower Upper  
142 100  
127 50.9 37.0 55.4  
141 14.6 11.4 17.0

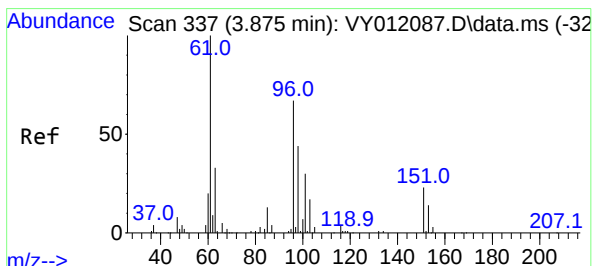
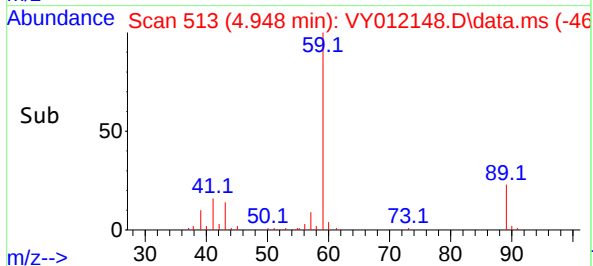
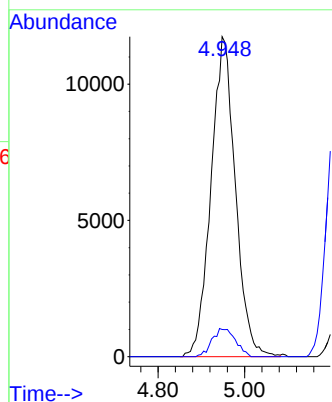
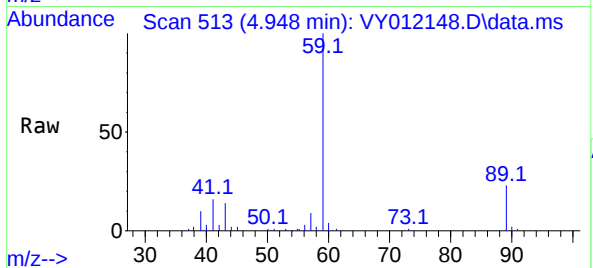




#11  
Tert butyl alcohol  
Concen: 216.916 ug/l  
RT: 4.948 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

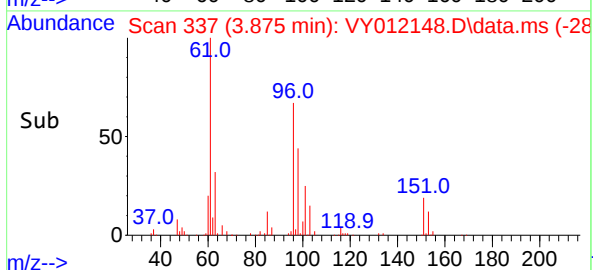
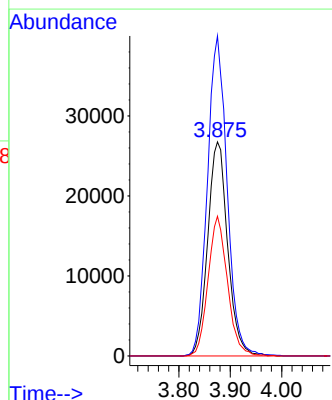
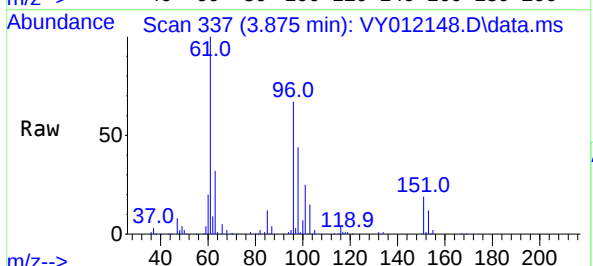
Instrument :  
MSVOA\_Y  
ClientSampleId :

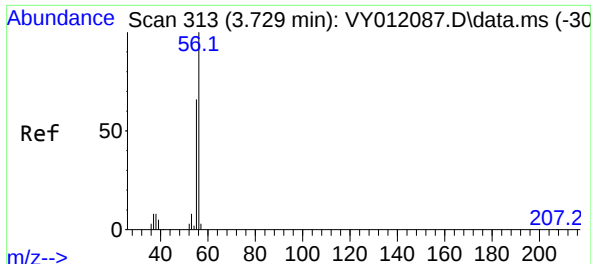
Tgt Ion: 59 Resp: 45941  
Ion Ratio Lower Upper  
59 100  
57 8.5 7.4 11.2



#12  
1,1-Dichloroethene  
Concen: 46.678 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. 0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

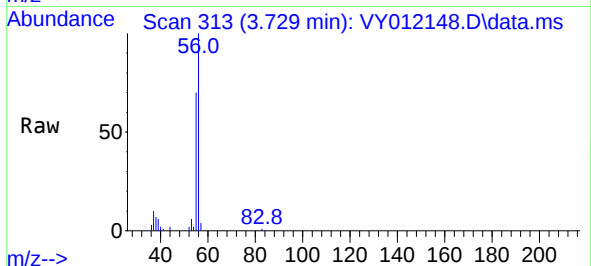
Tgt Ion: 96 Resp: 72189  
Ion Ratio Lower Upper  
96 100  
61 149.5 122.0 183.0  
98 65.3 48.6 73.0



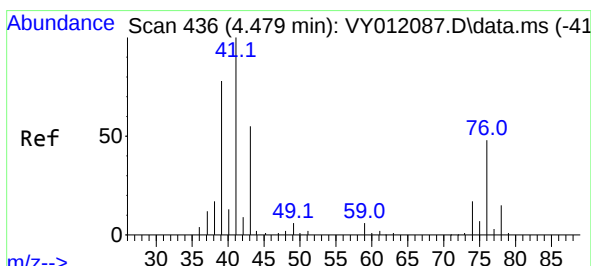
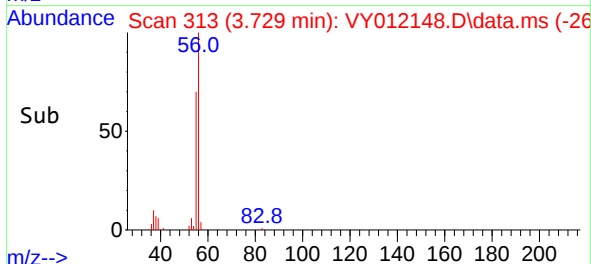
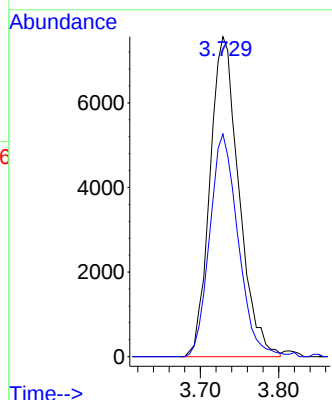


#13  
Acrolein  
Concen: 205.849 ug/l  
RT: 3.729 min Scan# 313  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Instrument :  
MSVOA\_Y  
ClientSampleId :

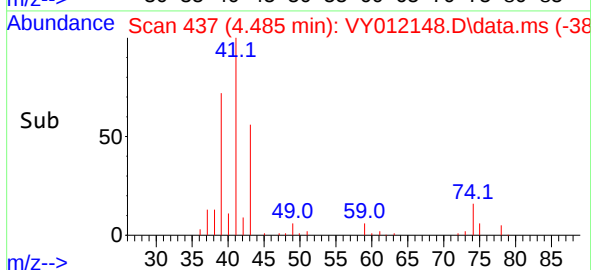
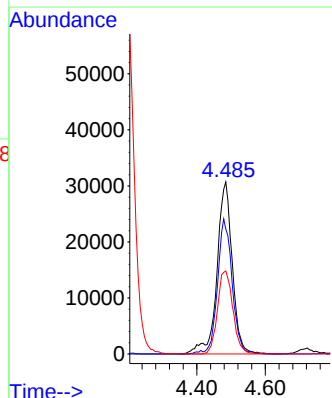
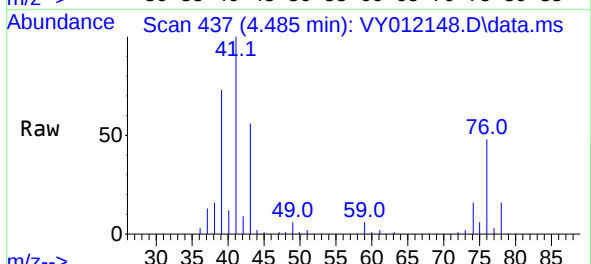


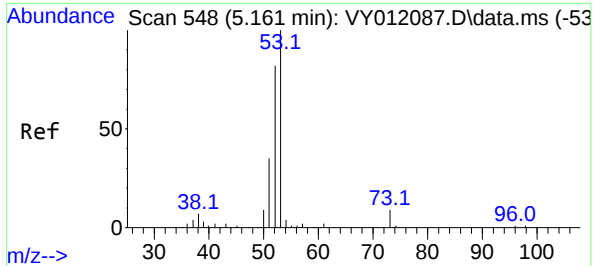
Tgt Ion: 56 Resp: 19414  
Ion Ratio Lower Upper  
56 100  
55 68.5 56.6 85.0



#14  
Allyl chloride  
Concen: 45.463 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. 0.006 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion: 41 Resp: 94781  
Ion Ratio Lower Upper  
41 100  
39 75.3 53.5 80.3  
76 48.4 31.1 46.7#



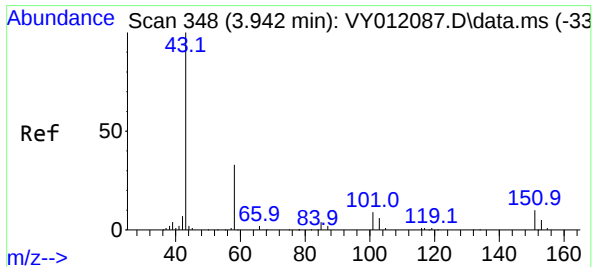
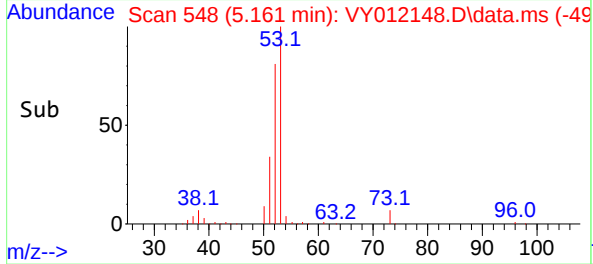
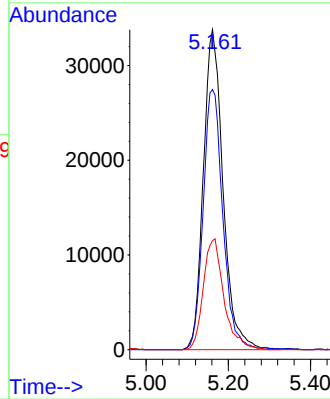
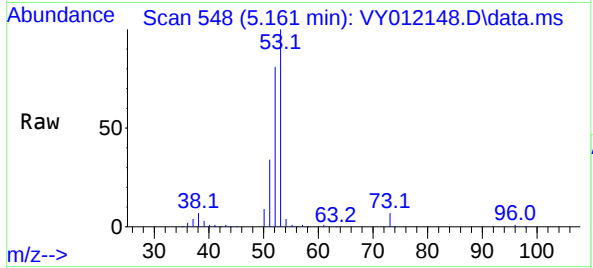


#15  
Acrylonitrile  
Concen: 254.815 ug/l  
RT: 5.161 min Scan# 548  
Delta R.T. 0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 53 Resp: 112302

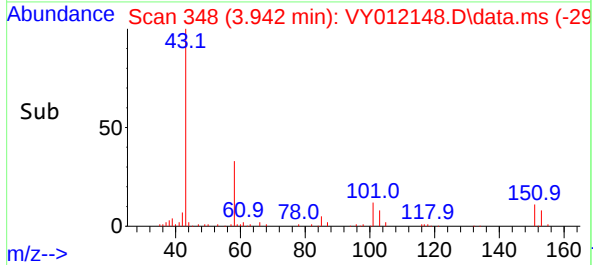
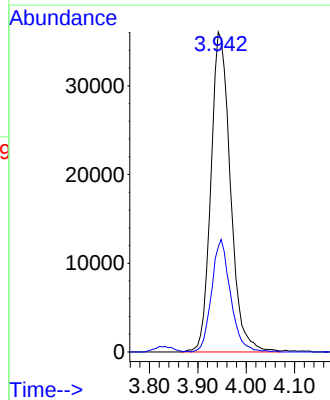
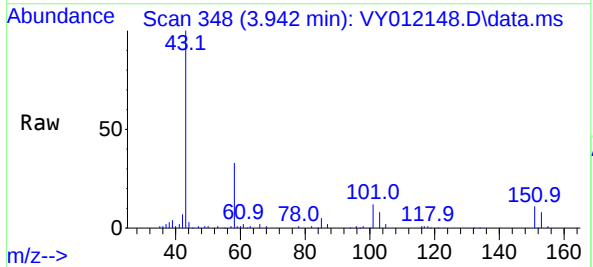
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 81.5  | 65.1  | 97.7  |
| 51  | 36.3  | 28.7  | 43.1  |

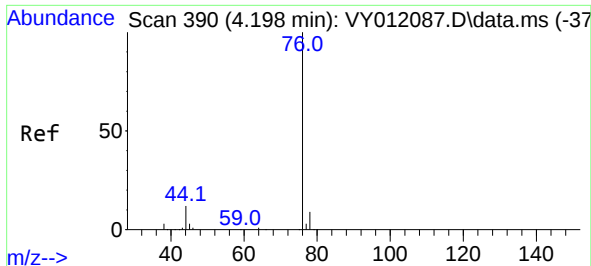


#16  
Acetone  
Concen: 241.625 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. 0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion: 43 Resp: 101063

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 32.9  | 27.9  | 41.9  |





#17

Carbon Disulfide

Concen: 46.072 ug/l

RT: 4.198 min Scan# 390

Delta R.T. 0.000 min

Lab File: VY012148.D

Acq: 10 Jan 2023 17:46

Instrument :

MSVOA\_Y

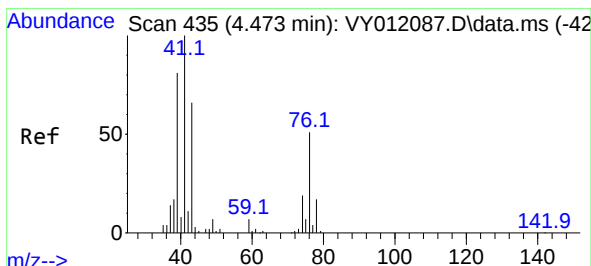
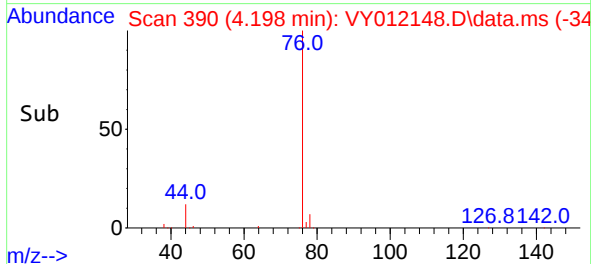
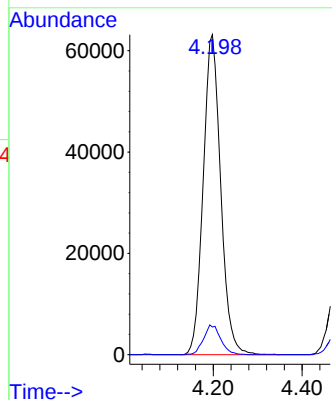
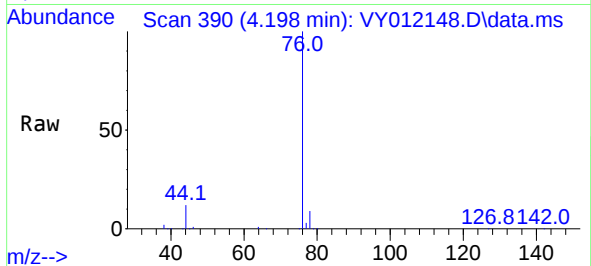
ClientSampleId :

Tgt Ion: 76 Resp: 173180

Ion Ratio Lower Upper

76 100

78 8.6 7.2 10.8



#18

Methyl Acetate

Concen: 46.017 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY012148.D

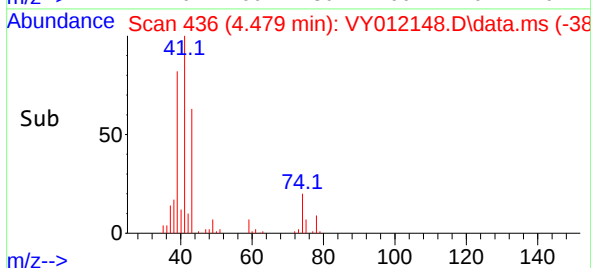
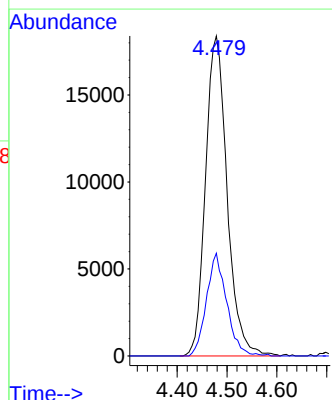
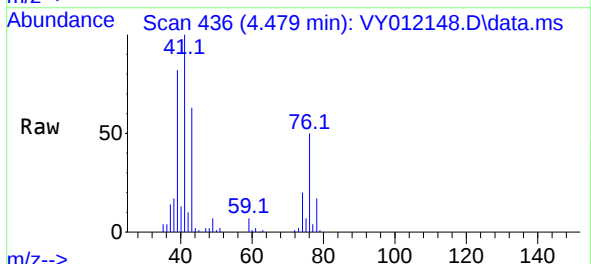
Acq: 10 Jan 2023 17:46

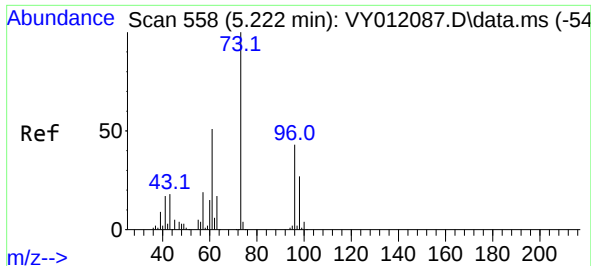
Tgt Ion: 43 Resp: 55366

Ion Ratio Lower Upper

43 100

74 30.1 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 50.877 ug/l

RT: 5.222 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY012148.D

Acq: 10 Jan 2023 17:46

Instrument :

MSVOA\_Y

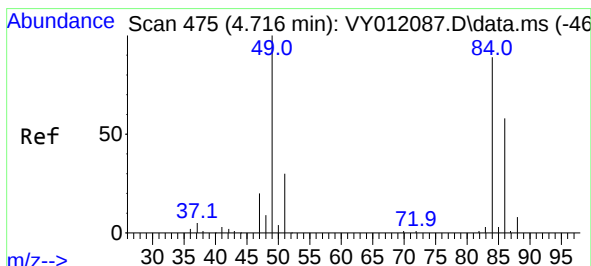
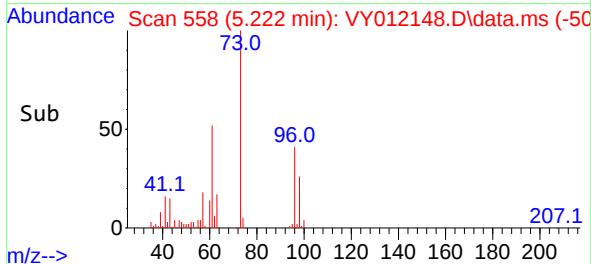
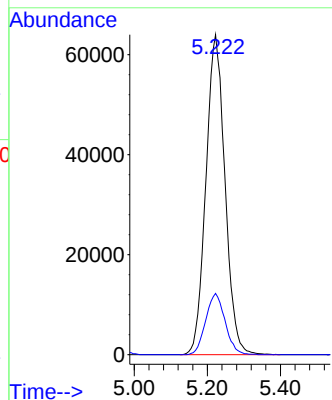
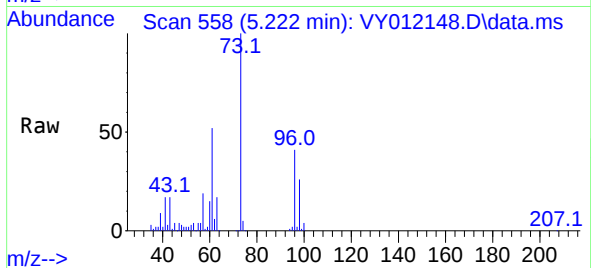
ClientSampleId :

Tgt Ion: 73 Resp: 231591

Ion Ratio Lower Upper

73 100

57 19.1 17.4 26.0



#20

Methylene Chloride

Concen: 62.902 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012148.D

Acq: 10 Jan 2023 17:46

Tgt Ion: 84 Resp: 108529

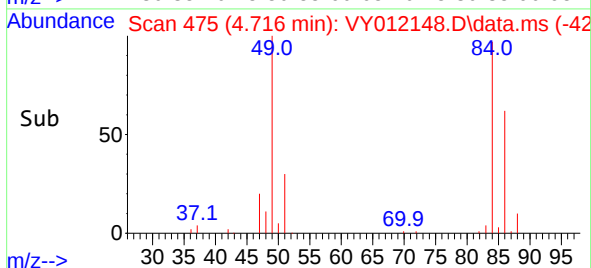
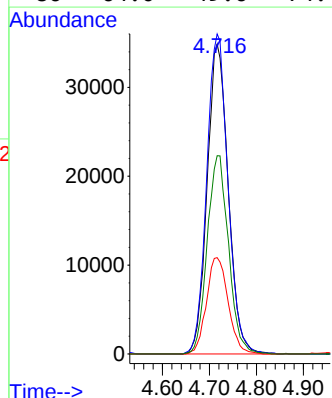
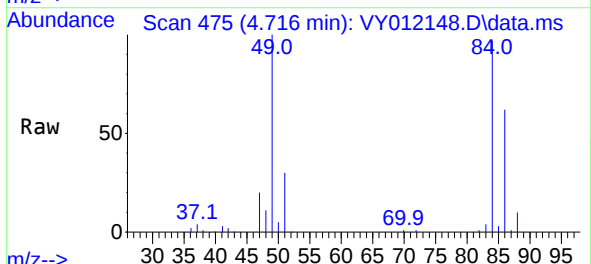
Ion Ratio Lower Upper

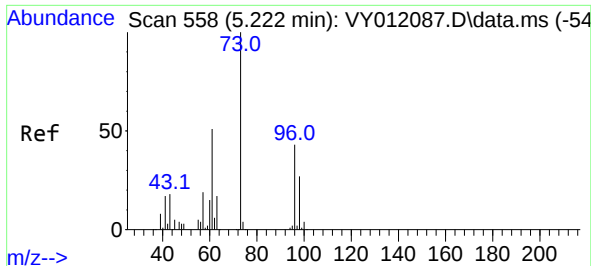
84 100

49 103.3 95.4 143.2

51 31.1 29.9 44.9

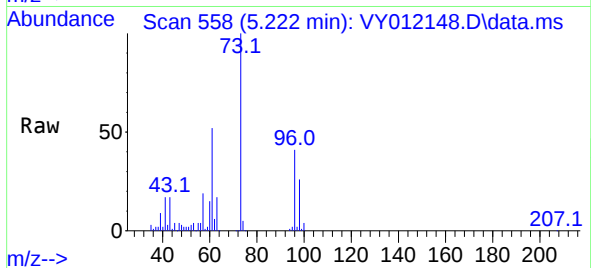
86 64.0 49.6 74.4



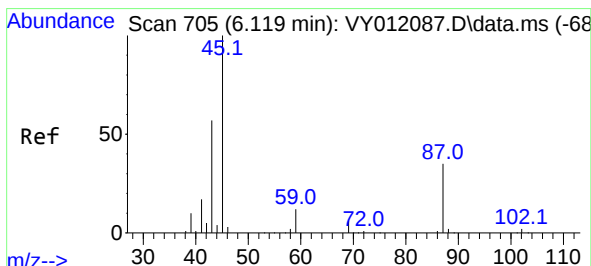
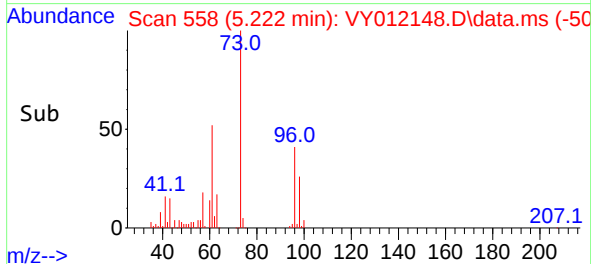
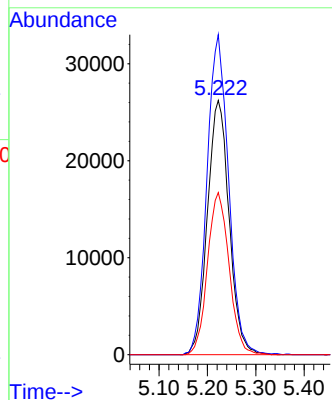


#21  
trans-1,2-Dichloroethene  
Concen: 47.738 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Instrument :  
MSVOA\_Y  
ClientSampleId :

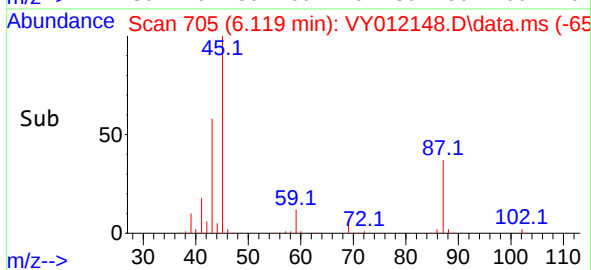
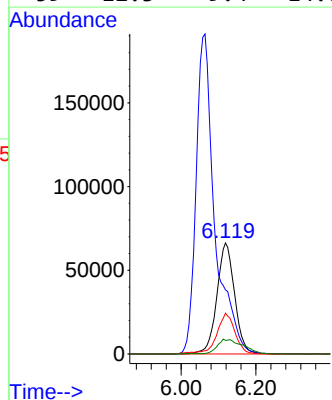
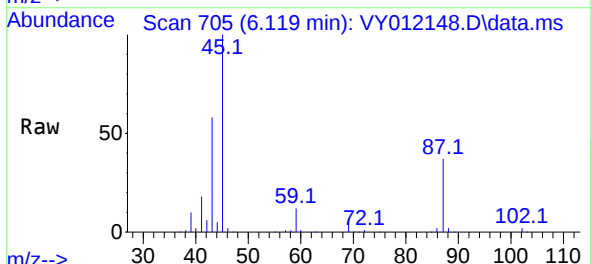


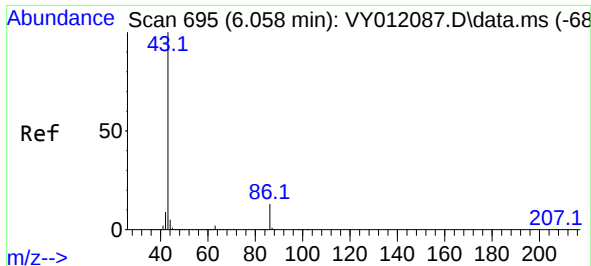
Tgt Ion: 96 Resp: 81694  
Ion Ratio Lower Upper  
96 100  
61 125.8 108.0 162.0  
98 63.8 51.6 77.4



#22  
Diisopropyl ether  
Concen: 50.931 ug/l  
RT: 6.119 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion: 45 Resp: 218427  
Ion Ratio Lower Upper  
45 100  
43 57.1 45.0 67.4  
87 36.7 22.6 33.8#  
59 12.3 9.4 14.0

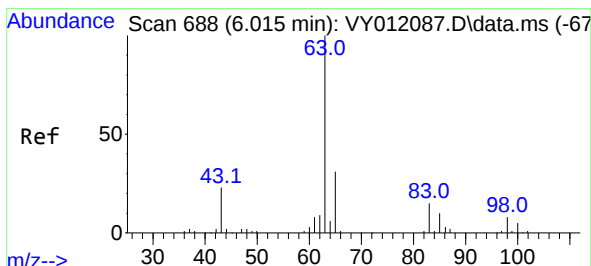
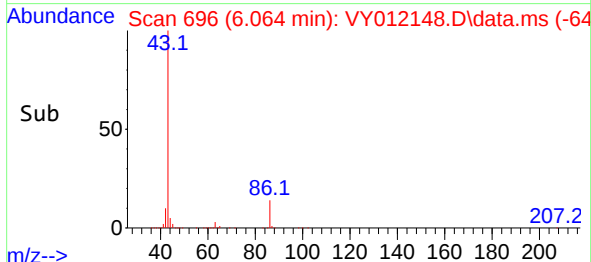
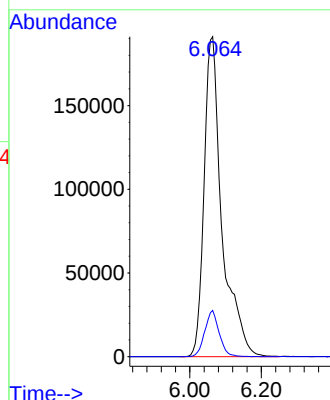
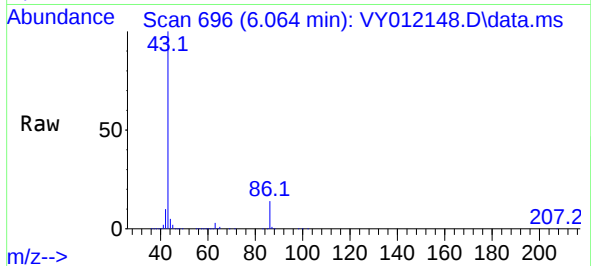




#23  
 Vinyl Acetate  
 Concen: 256.112 ug/l  
 RT: 6.064 min Scan# 695  
 Delta R.T. 0.006 min  
 Lab File: VY012148.D  
 Acq: 10 Jan 2023 17:46

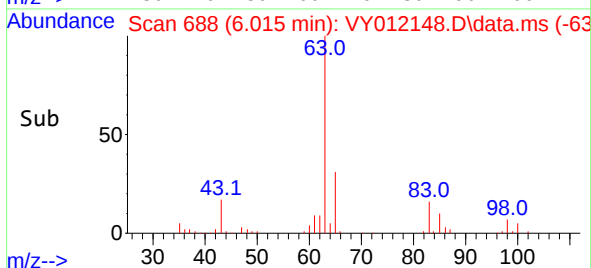
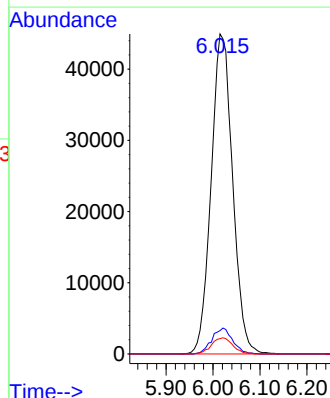
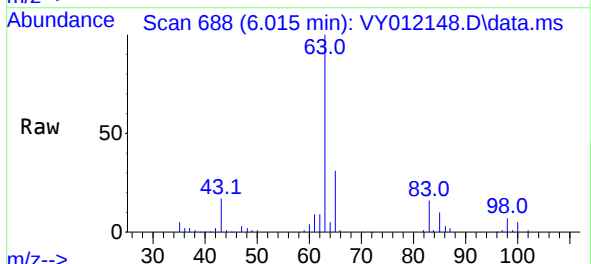
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

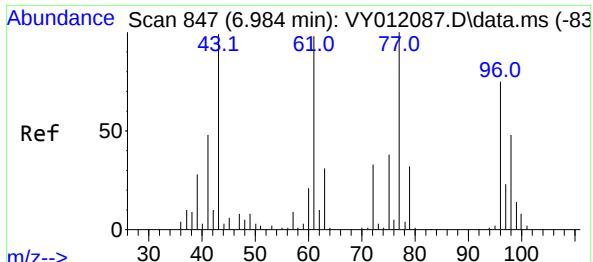
Tgt Ion: 43 Resp: 664671  
 Ion Ratio Lower Upper  
 43 100  
 86 14.5 9.0 13.4#



#24  
 1,1-Dichloroethane  
 Concen: 49.993 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. -0.000 min  
 Lab File: VY012148.D  
 Acq: 10 Jan 2023 17:46

Tgt Ion: 63 Resp: 142616  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.5 10.5  
 100 4.8 2.2 6.6

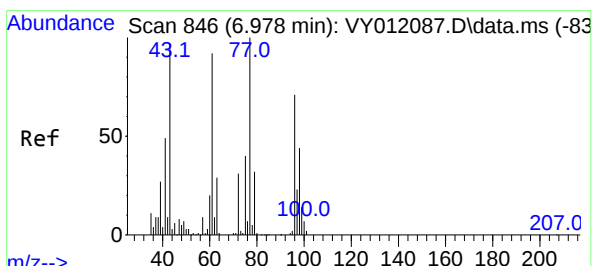
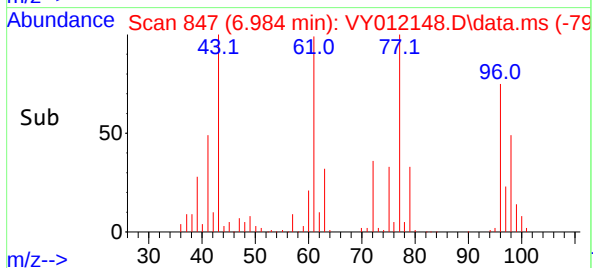
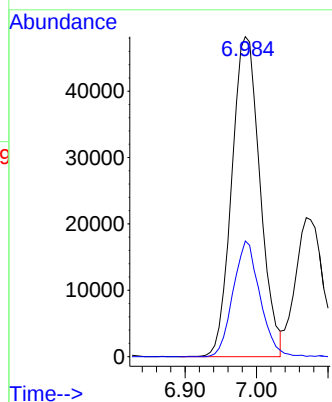
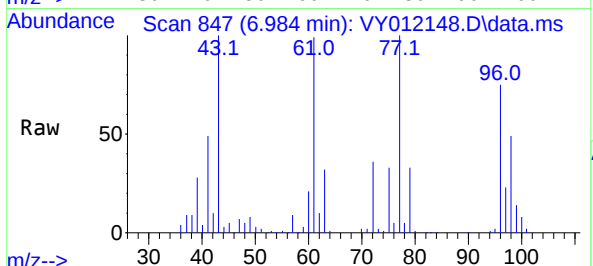




#25  
2-Butanone  
Concen: 239.957 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

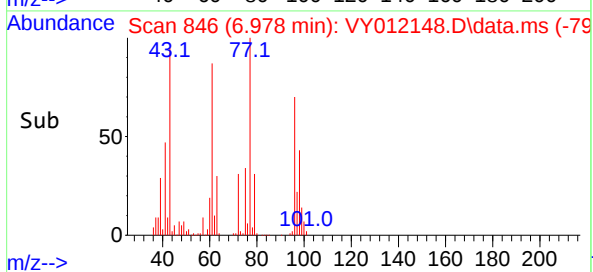
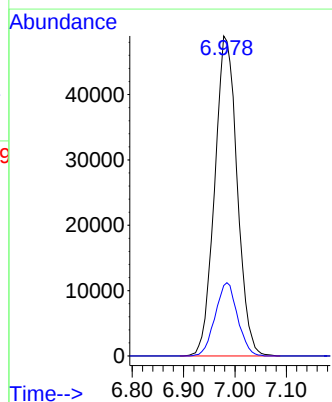
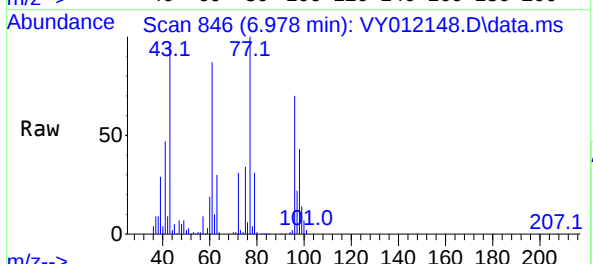
Instrument :  
MSVOA\_Y  
ClientSampleId :

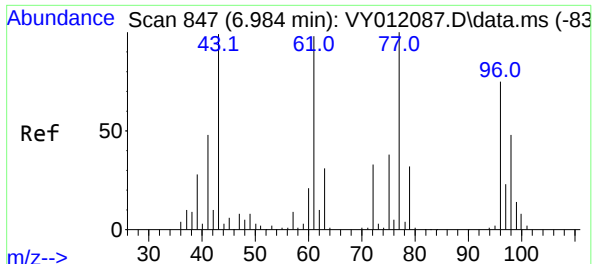
Tgt Ion: 43 Resp: 132418  
Ion Ratio Lower Upper  
43 100  
72 36.2 22.6 34.0#



#26  
2,2-Dichloropropane  
Concen: 48.282 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

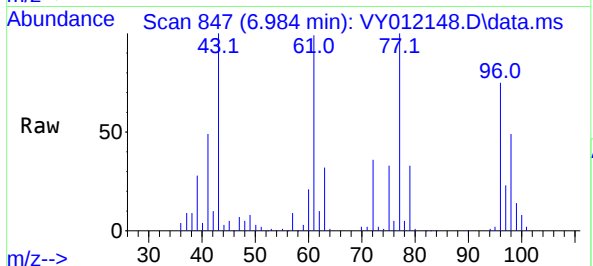
Tgt Ion: 77 Resp: 148588  
Ion Ratio Lower Upper  
77 100  
97 22.8 11.4 34.1





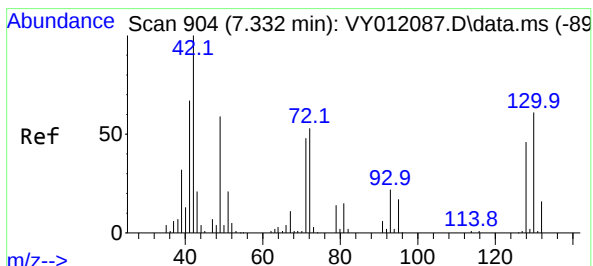
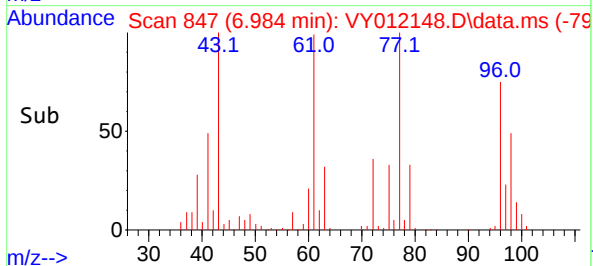
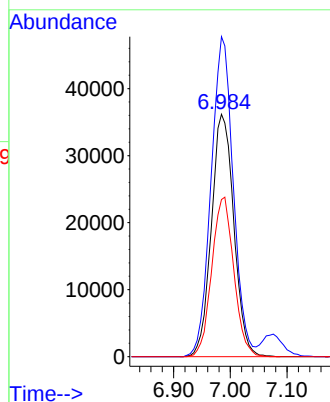
#27  
 cis-1,2-Dichloroethene  
 Concen: 50.852 ug/l  
 RT: 6.984 min Scan# 847  
 Delta R.T. 0.000 min  
 Lab File: VY012148.D  
 Acq: 10 Jan 2023 17:46

Instrument :  
 MSVOA\_Y  
 ClientSampleId :



Tgt Ion: 96 Resp: 99393

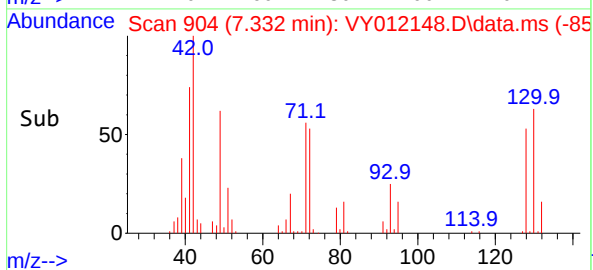
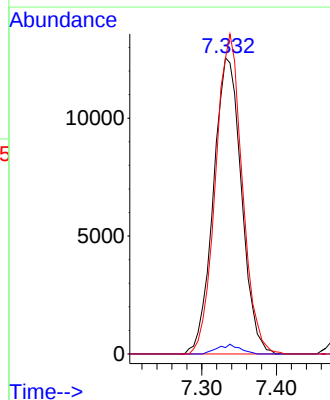
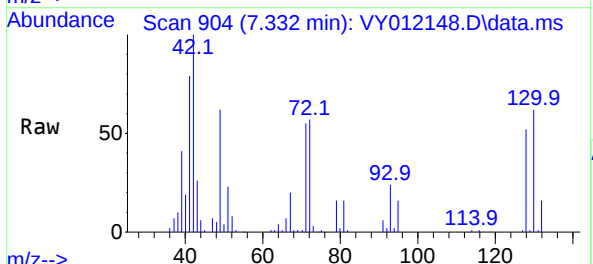
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 130.9 | 0.0   | 283.4 |
| 98  | 64.6  | 0.0   | 127.6 |

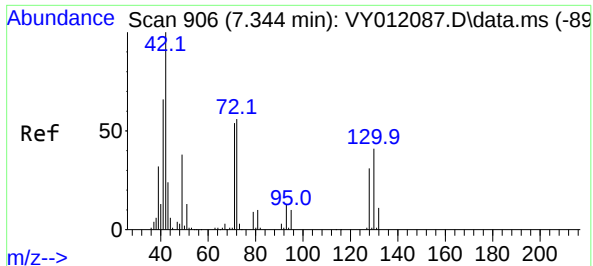


#28  
 Bromochloromethane  
 Concen: 45.514 ug/l  
 RT: 7.332 min Scan# 904  
 Delta R.T. -0.000 min  
 Lab File: VY012148.D  
 Acq: 10 Jan 2023 17:46

Tgt Ion: 49 Resp: 32825

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 49  | 100   |       |        |
| 129 | 2.6   | 0.0   | 4.6    |
| 130 | 102.7 | 66.7  | 100.1# |





#29

Tetrahydrofuran

Concen: 249.143 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012148.D

Acq: 10 Jan 2023 17:46

Instrument :

MSVOA\_Y

ClientSampleId :

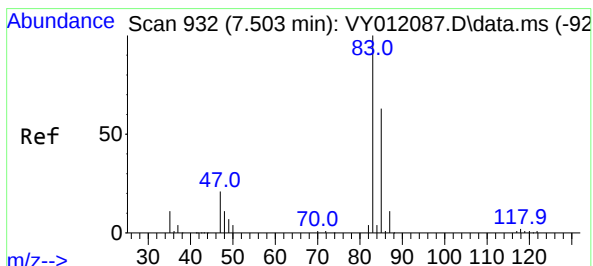
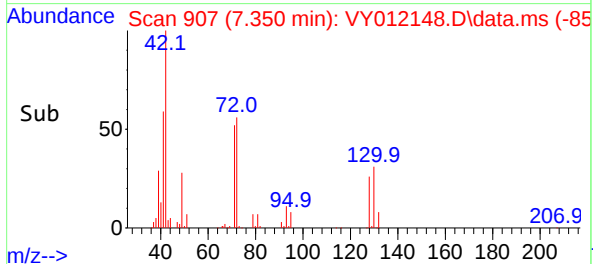
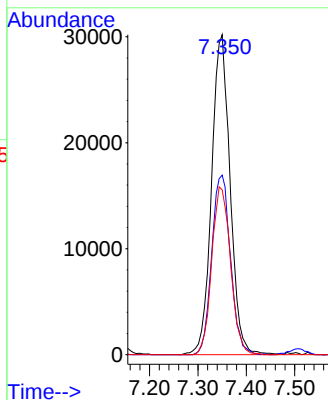
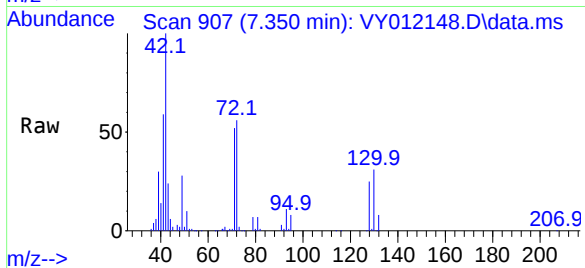
Tgt Ion: 42 Resp: 80253

Ion Ratio Lower Upper

42 100

72 56.8 37.0 55.6#

71 53.1 34.9 52.3#



#30

Chloroform

Concen: 52.247 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.005 min

Lab File: VY012148.D

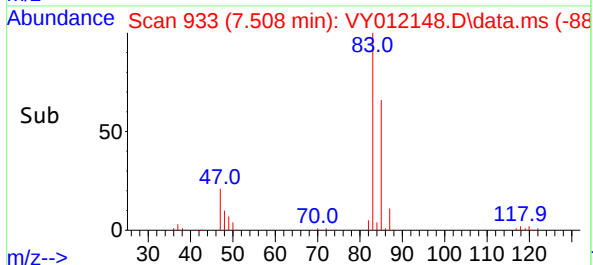
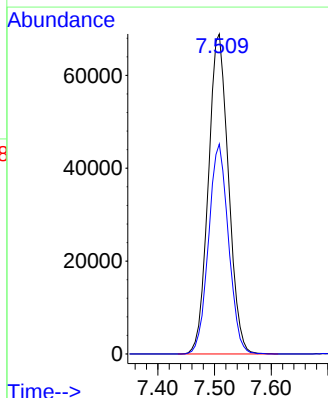
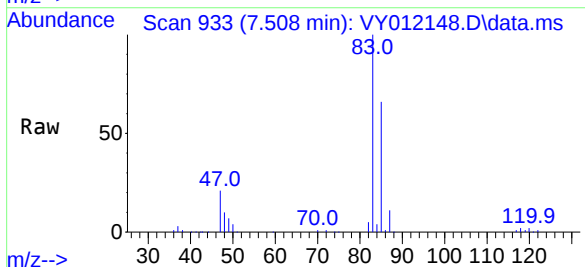
Acq: 10 Jan 2023 17:46

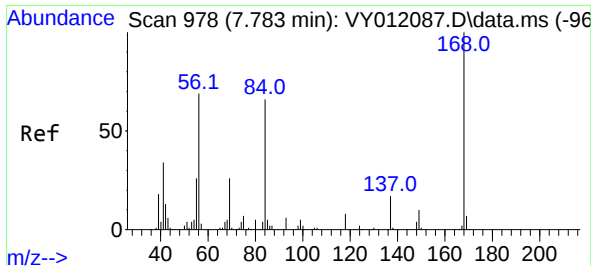
Tgt Ion: 83 Resp: 169897

Ion Ratio Lower Upper

83 100

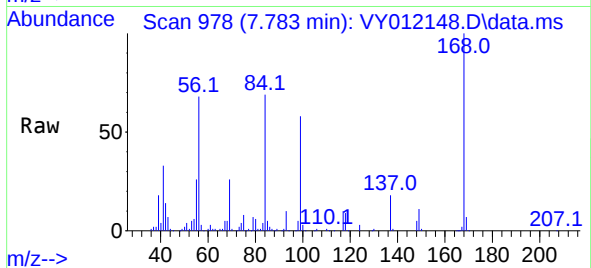
85 65.6 51.5 77.3



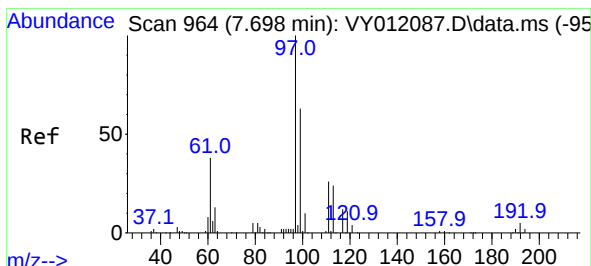
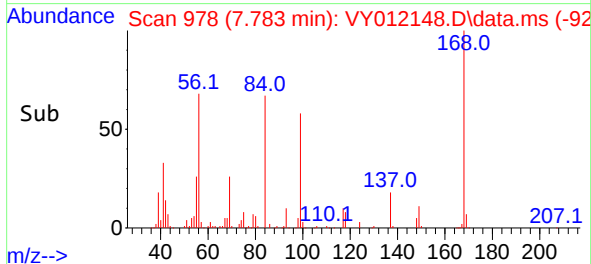
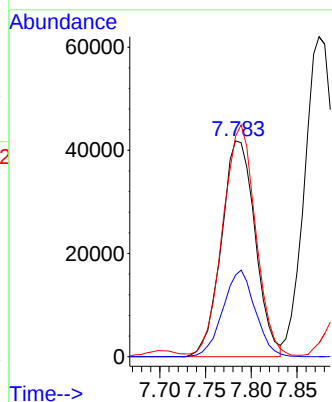


#31  
Cyclohexane  
Concen: 47.788 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Instrument :  
MSVOA\_Y  
ClientSampleId :

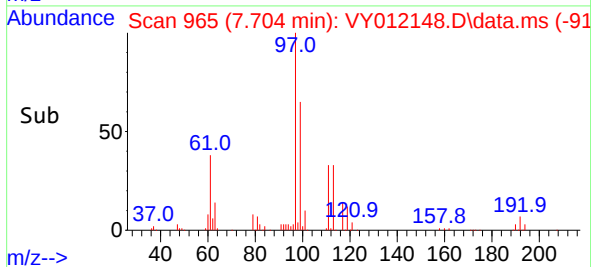
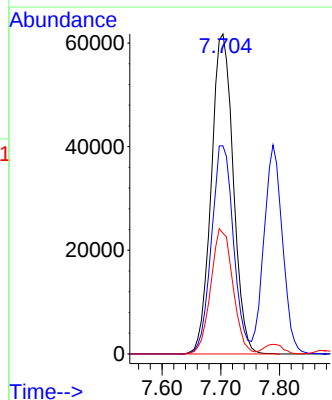
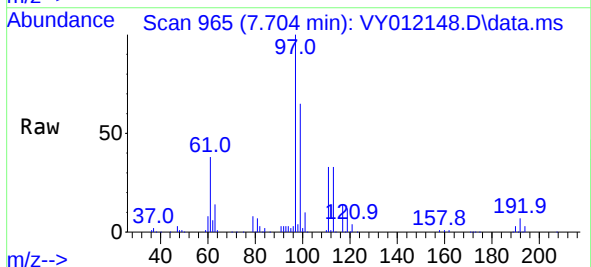


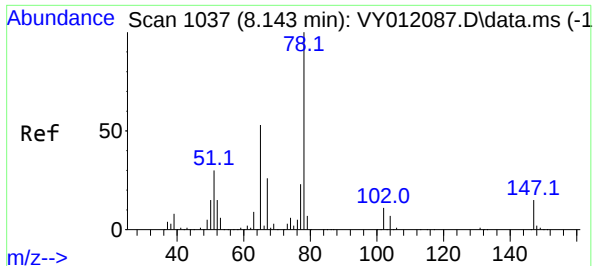
Tgt Ion: 56 Resp: 107665  
Ion Ratio Lower Upper  
56 100  
69 37.8 29.2 43.8  
84 100.8 72.6 108.8



#32  
1,1,1-Trichloroethane  
Concen: 50.752 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. 0.006 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion: 97 Resp: 160298  
Ion Ratio Lower Upper  
97 100  
99 65.6 51.0 76.4  
61 39.4 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 45.532 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012148.D

Acq: 10 Jan 2023 17:46

Instrument :

MSVOA\_Y

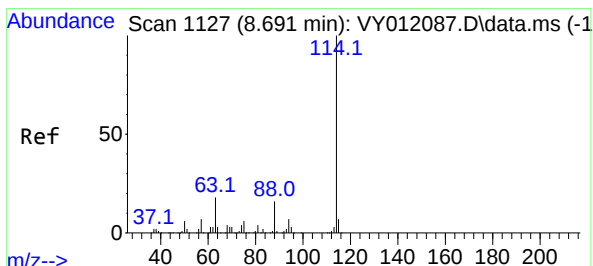
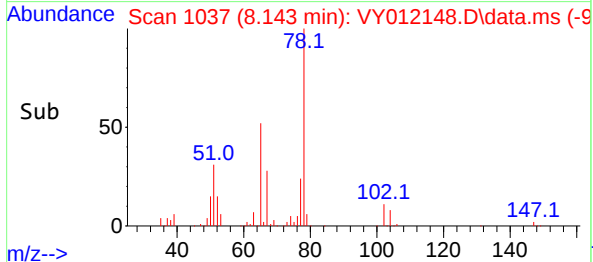
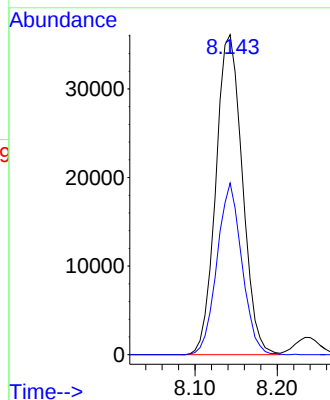
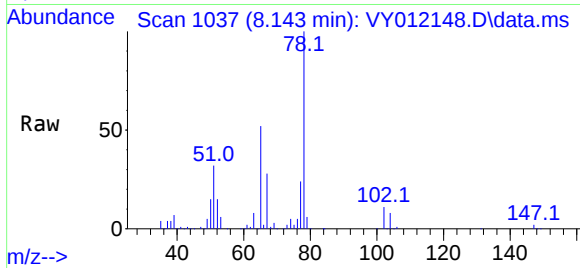
ClientSampleId :

Tgt Ion: 65 Resp: 80958

Ion Ratio Lower Upper

65 100

67 50.4 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012148.D

Acq: 10 Jan 2023 17:46

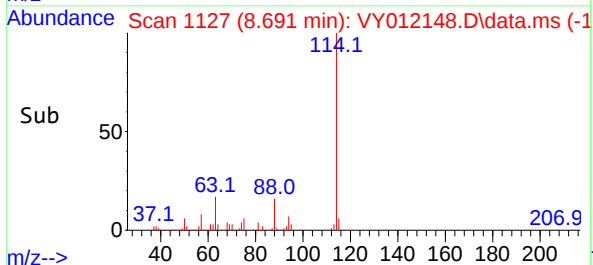
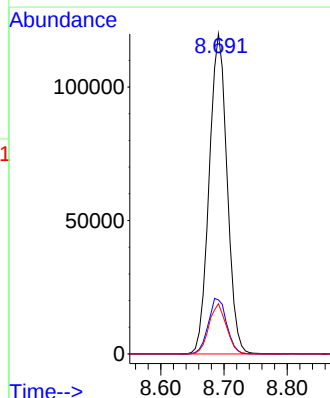
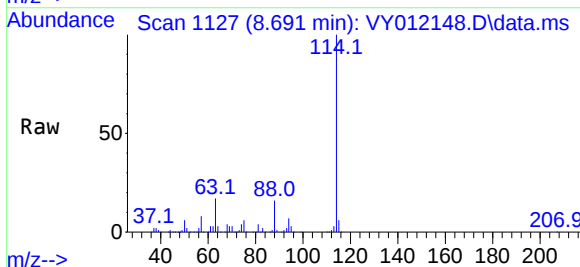
Tgt Ion: 114 Resp: 235527

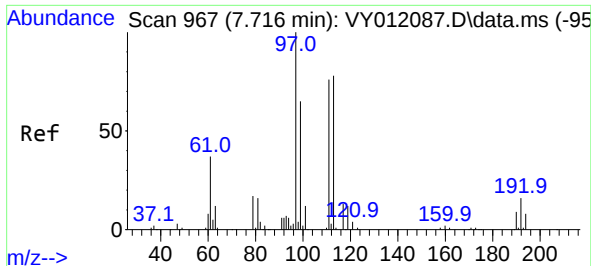
Ion Ratio Lower Upper

114 100

63 16.9 0.0 39.6

88 15.7 0.0 32.2

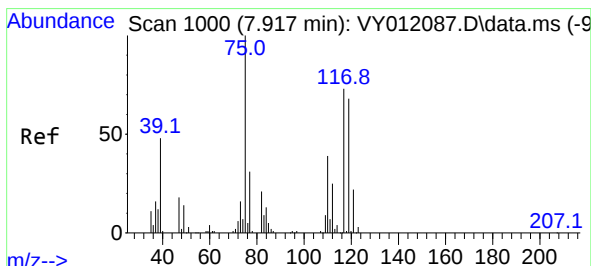
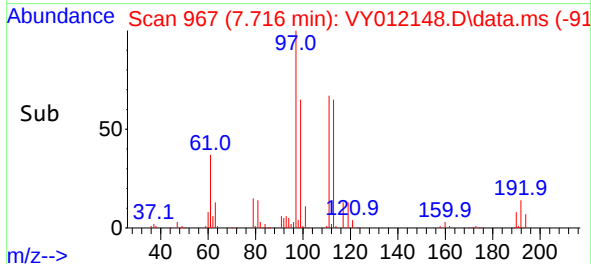
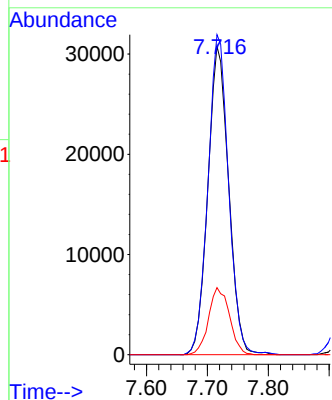
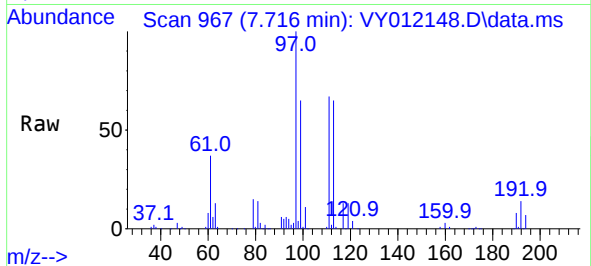




#35  
Dibromofluoromethane  
Concen: 47.140 ug/l  
RT: 7.716 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

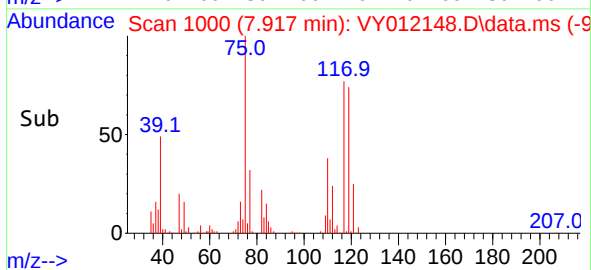
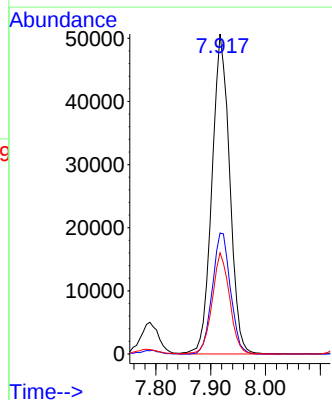
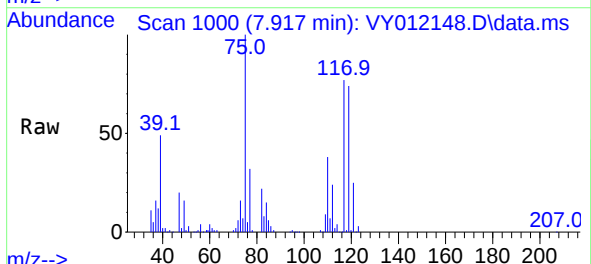
Instrument :  
MSVOA\_Y  
ClientSampleId :

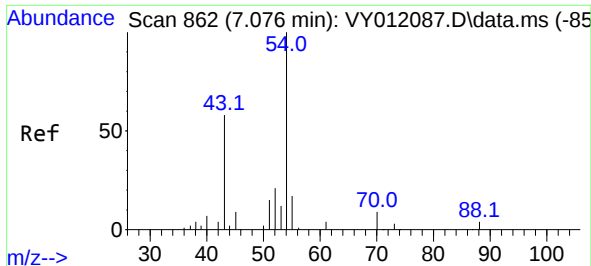
Tgt Ion:113 Resp: 72977  
Ion Ratio Lower Upper  
113 100  
111 102.7 83.0 124.4  
192 21.9 16.0 24.0



#36  
1,1-Dichloropropene  
Concen: 48.430 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion: 75 Resp: 113745  
Ion Ratio Lower Upper  
75 100  
110 38.5 18.1 54.1  
77 31.1 25.1 37.7

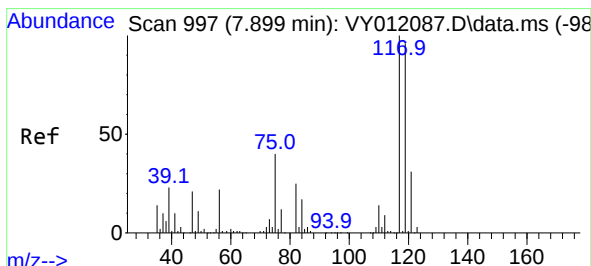
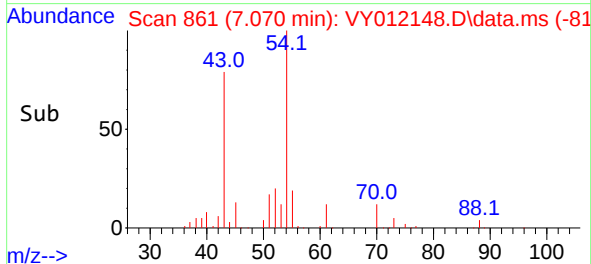
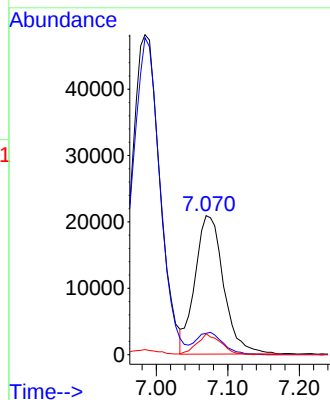
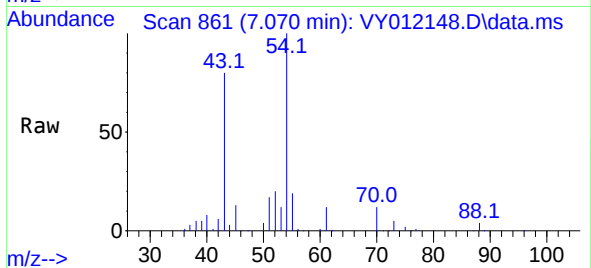




#37  
Ethyl Acetate  
Concen: 46.006 ug/l  
RT: 7.070 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

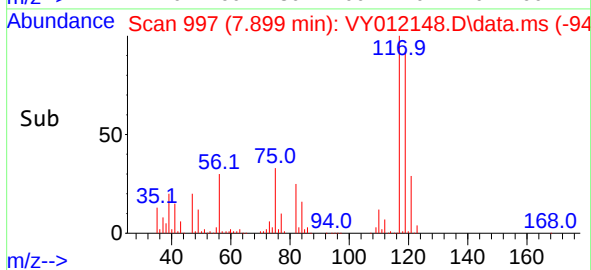
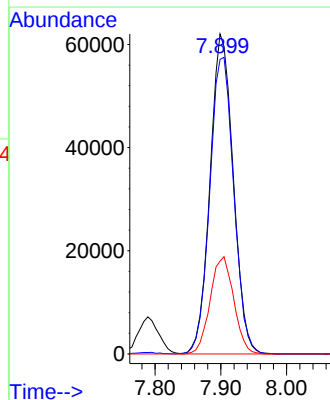
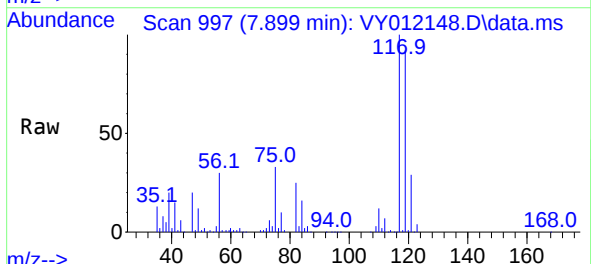
Instrument :  
MSVOA\_Y  
ClientSampleId :

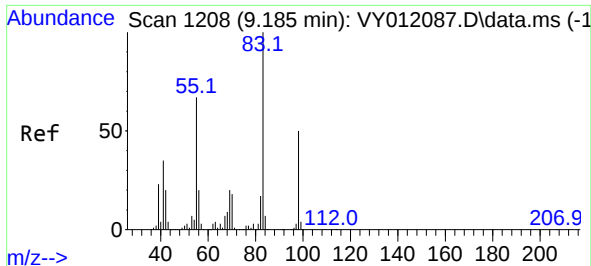
Tgt Ion: 43 Resp: 57856  
Ion Ratio Lower Upper  
43 100  
61 15.0 11.3 16.9  
70 12.7 8.2 12.4#



#38  
Carbon Tetrachloride  
Concen: 51.130 ug/l  
RT: 7.899 min Scan# 997  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion:117 Resp: 152421  
Ion Ratio Lower Upper  
117 100  
119 92.0 73.8 110.8  
121 29.0 25.2 37.8





#39

Methylcyclohexane

Concen: 47.375 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012148.D

Acq: 10 Jan 2023 17:46

Instrument :

MSVOA\_Y

ClientSampleId :

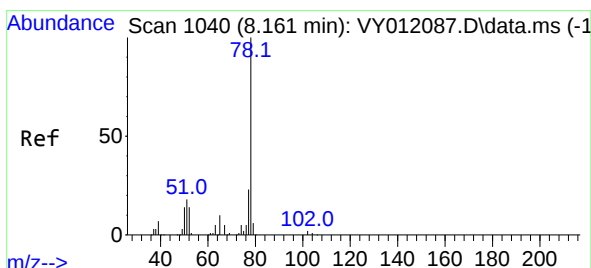
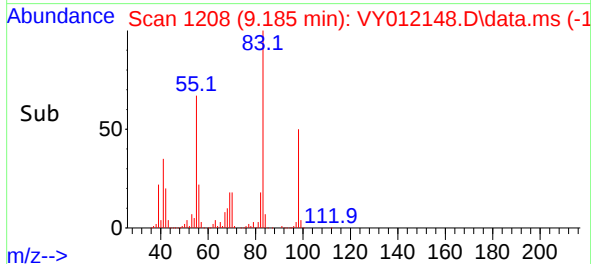
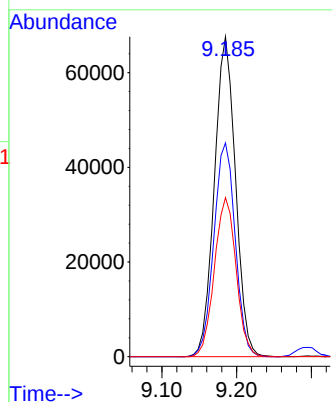
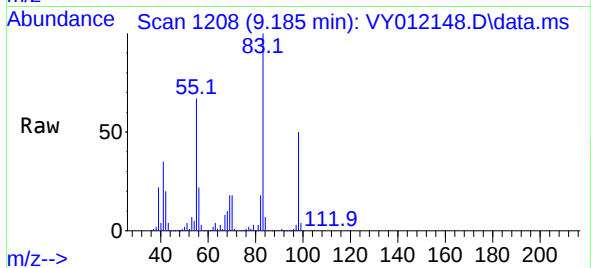
Tgt Ion: 83 Resp: 132918

Ion Ratio Lower Upper

83 100

55 66.8 58.2 87.2

98 49.7 38.6 58.0



#40

Benzene

Concen: 49.429 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012148.D

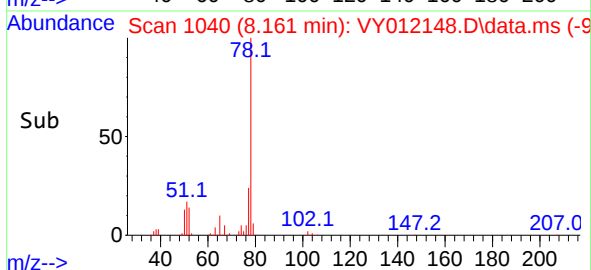
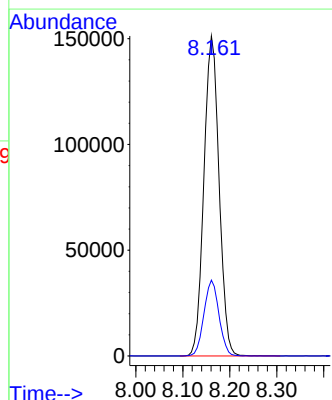
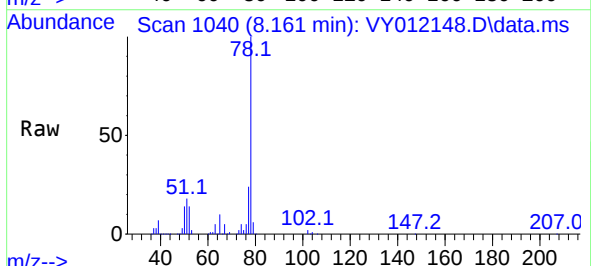
Acq: 10 Jan 2023 17:46

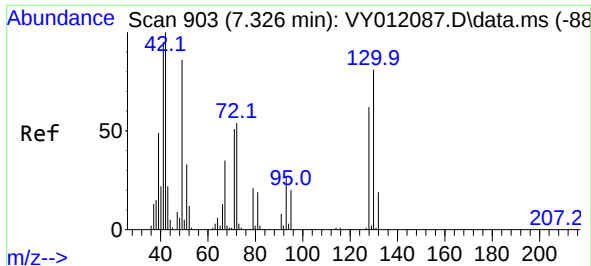
Tgt Ion: 78 Resp: 338297

Ion Ratio Lower Upper

78 100

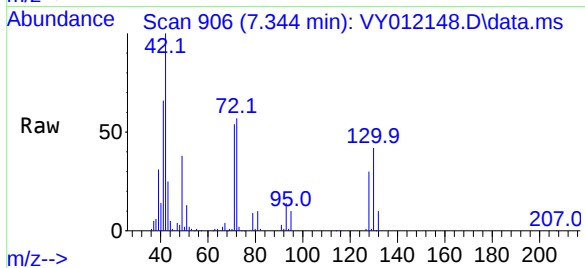
77 23.7 18.6 27.8



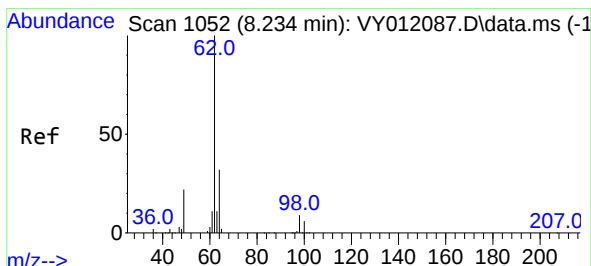
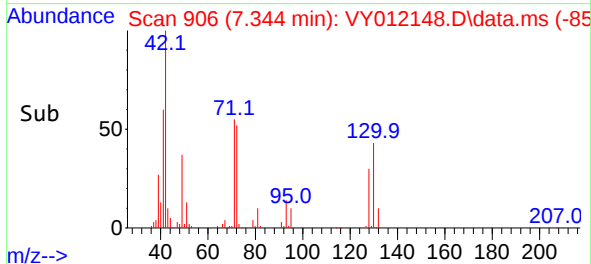
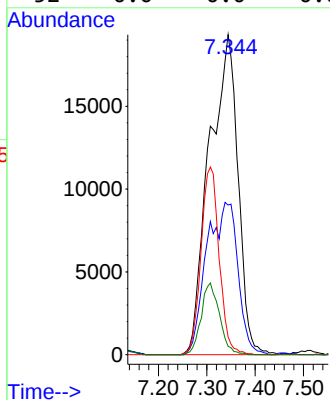


#41  
Methacrylonitrile  
Concen: 116.437 ug/l  
RT: 7.344 min Scan# 903  
Delta R.T. 0.018 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Instrument :  
MSVOA\_Y  
ClientSampleId :

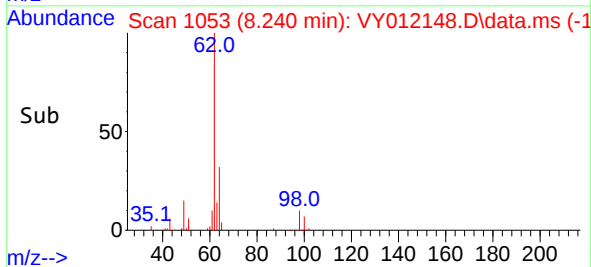
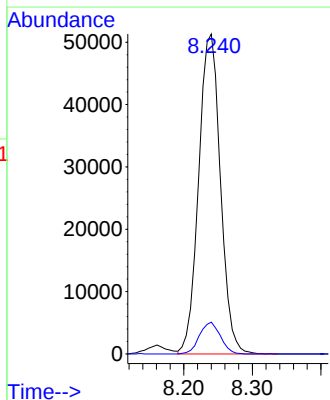
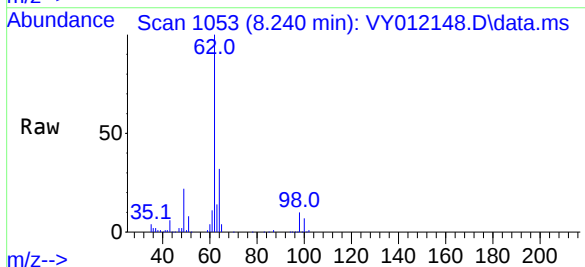


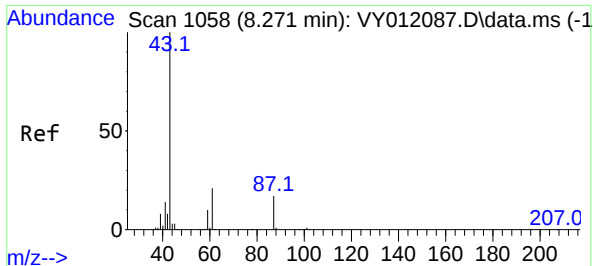
Tgt Ion: 41 Resp: 79638  
Ion Ratio Lower Upper  
41 100  
39 27.7 0.0 0.0#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 52.414 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.006 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion: 62 Resp: 113570  
Ion Ratio Lower Upper  
62 100  
98 9.5 0.0 19.6

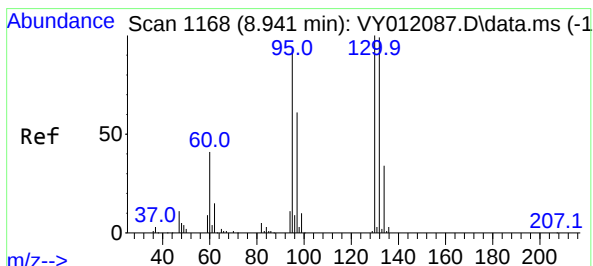
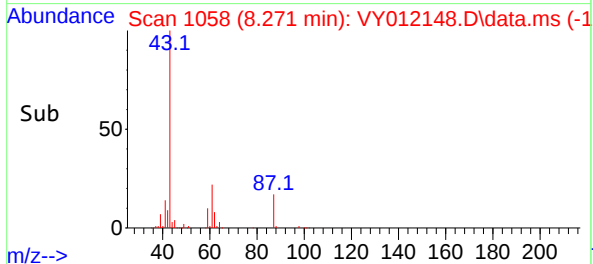
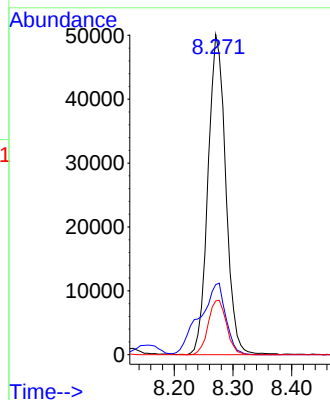
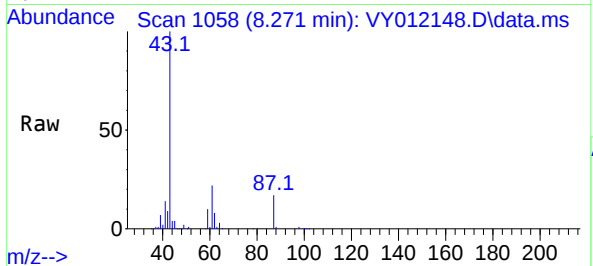




#43  
Isopropyl Acetate  
Concen: 49.895 ug/l  
RT: 8.271 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

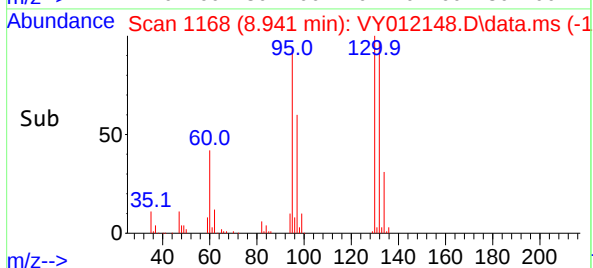
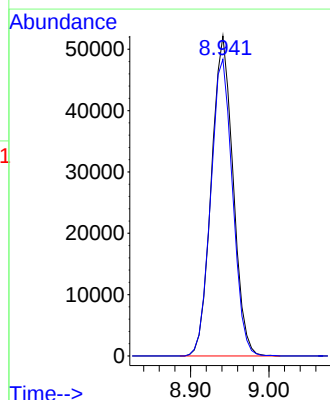
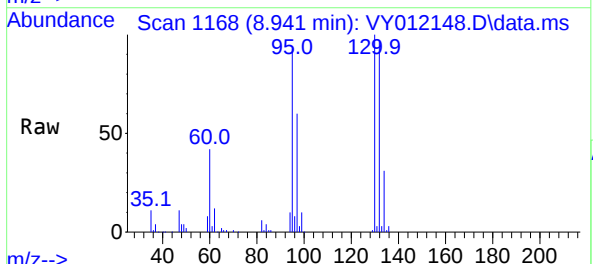
Instrument :  
MSVOA\_Y  
ClientSampleId :

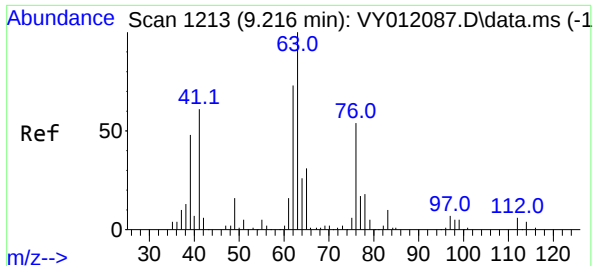
Tgt Ion: 43 Resp: 105154  
Ion Ratio Lower Upper  
43 100  
61 32.7 24.4 36.6  
87 17.5 11.4 17.2#



#44  
Trichloroethene  
Concen: 50.135 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion:130 Resp: 100189  
Ion Ratio Lower Upper  
130 100  
95 92.7 0.0 190.6





#45

1,2-Dichloropropane

Concen: 51.350 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012148.D

Acq: 10 Jan 2023 17:46

Instrument :

MSVOA\_Y

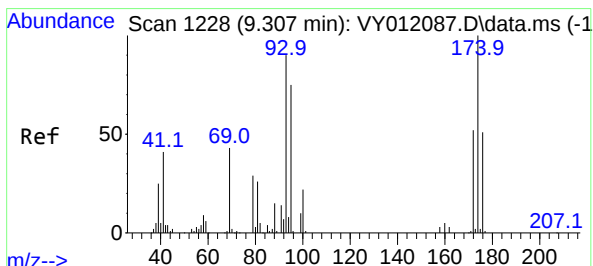
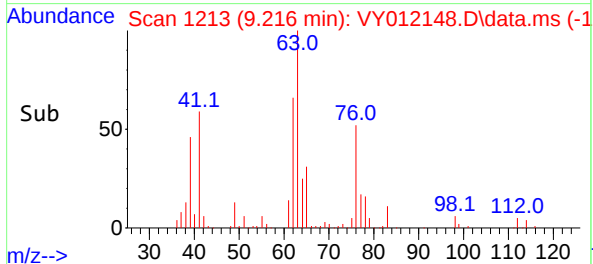
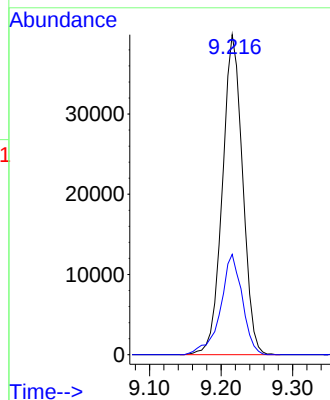
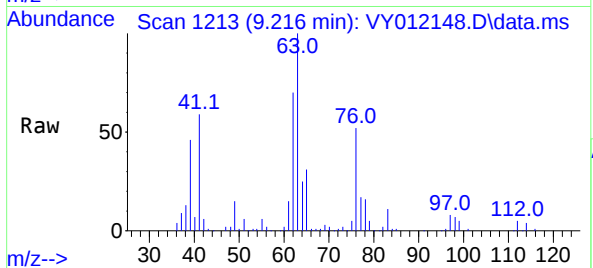
ClientSampleId :

Tgt Ion: 63 Resp: 78304

Ion Ratio Lower Upper

63 100

65 31.4 24.9 37.3



#46

Dibromomethane

Concen: 52.665 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012148.D

Acq: 10 Jan 2023 17:46

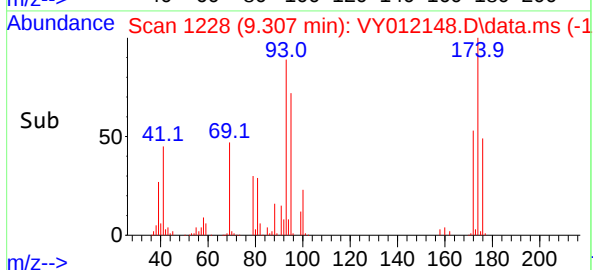
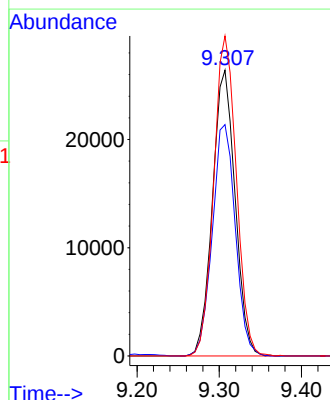
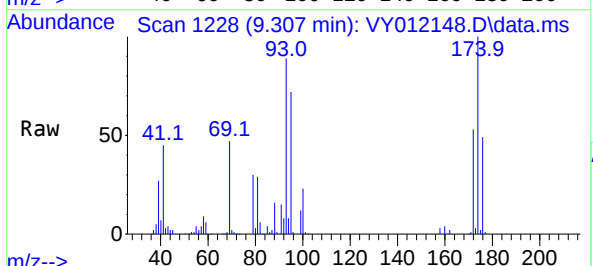
Tgt Ion: 93 Resp: 50557

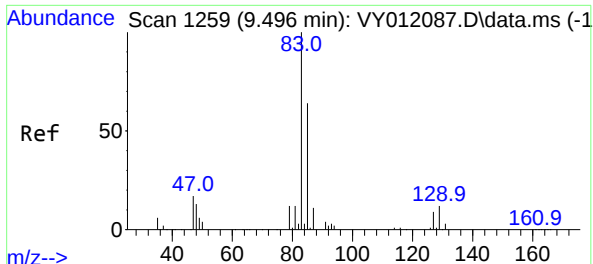
Ion Ratio Lower Upper

93 100

95 82.2 66.1 99.1

174 111.8 84.7 127.1

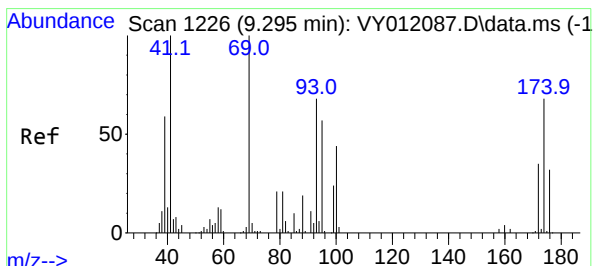
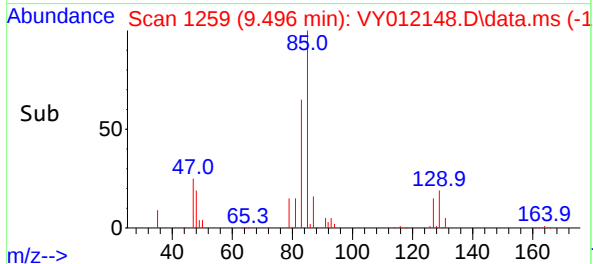
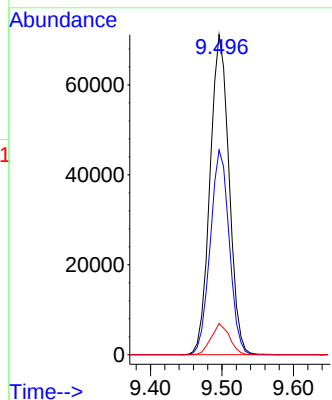
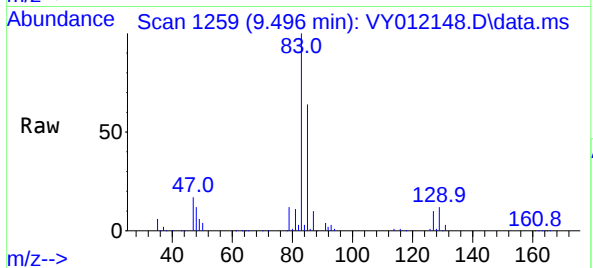




#47  
Bromodichloromethane  
Concen: 53.775 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

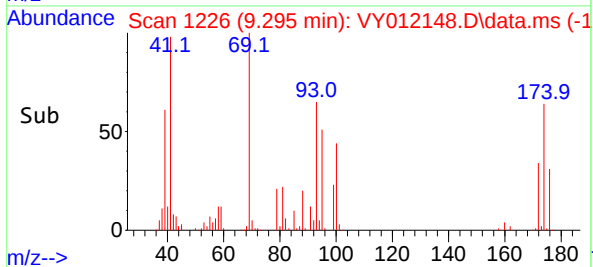
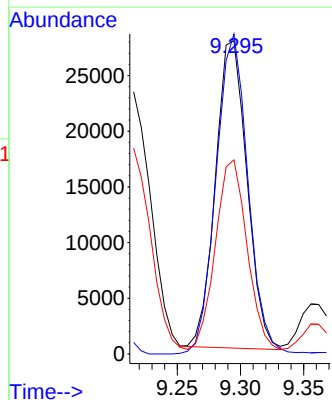
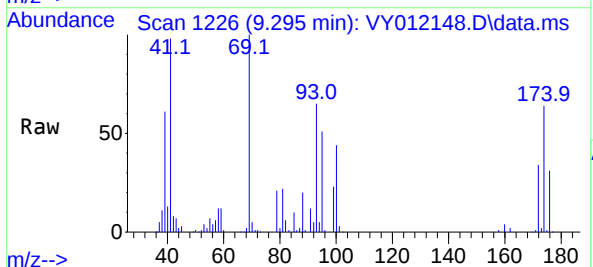
Instrument :  
MSVOA\_Y  
ClientSampleId :

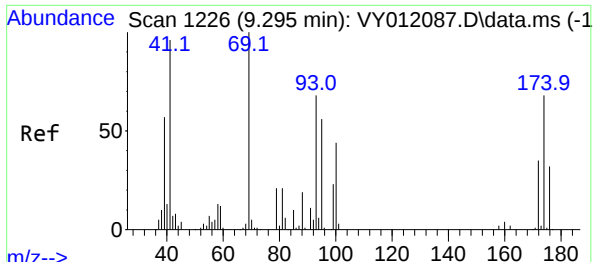
Tgt Ion: 83 Resp: 131261  
Ion Ratio Lower Upper  
83 100  
85 64.0 52.0 78.0  
127 9.8 7.3 10.9



#48  
Methyl methacrylate  
Concen: 50.647 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion: 41 Resp: 47812  
Ion Ratio Lower Upper  
41 100  
69 105.9 74.2 111.2  
39 65.2 46.3 69.5

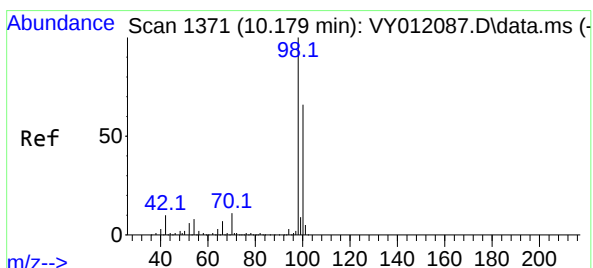
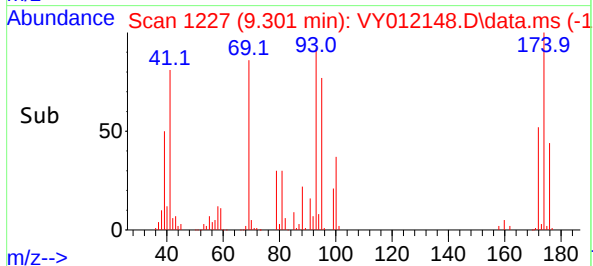
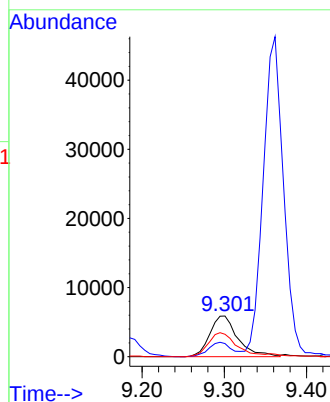
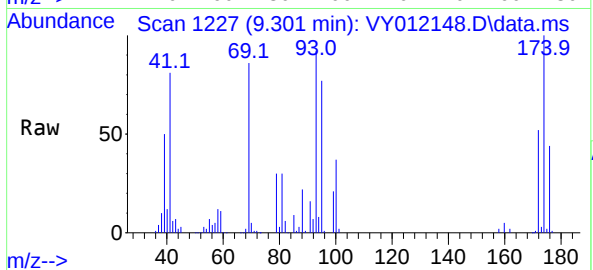




#49  
1,4-Dioxane  
Concen: 1050.300 ug/l  
RT: 9.301 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

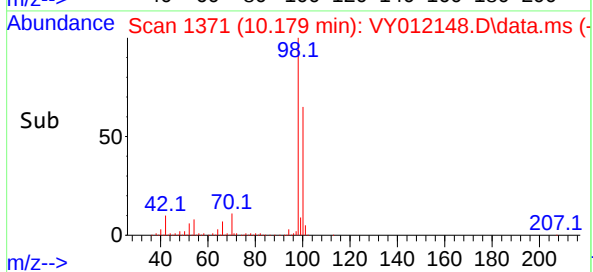
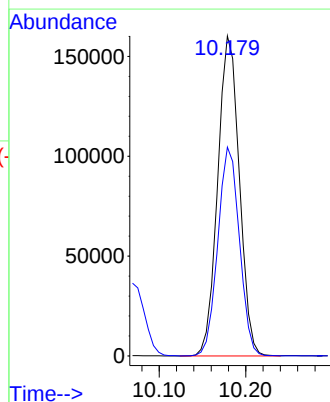
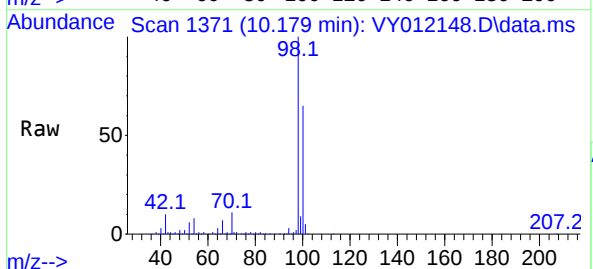
Instrument :  
MSVOA\_Y  
ClientSampleId :

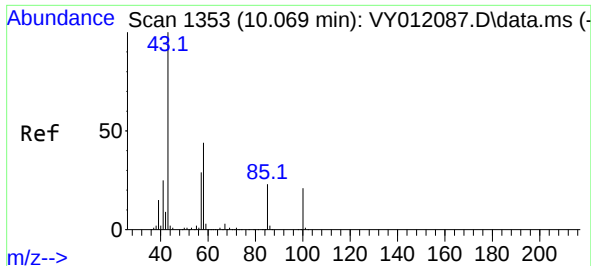
Tgt Ion: 88 Resp: 13962  
Ion Ratio Lower Upper  
88 100  
43 29.3 26.2 39.2  
58 59.2 54.3 81.5



#50  
Toluene-d8  
Concen: 45.486 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion: 98 Resp: 277935  
Ion Ratio Lower Upper  
98 100  
100 65.1 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 260.715 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY012148.D

Acq: 10 Jan 2023 17:46

Instrument :

MSVOA\_Y

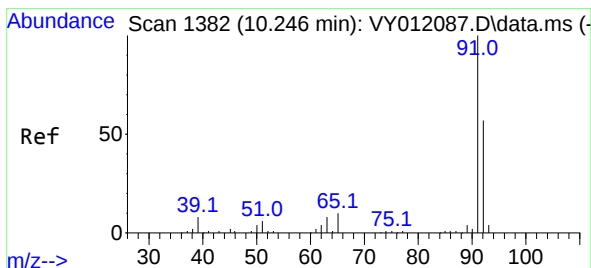
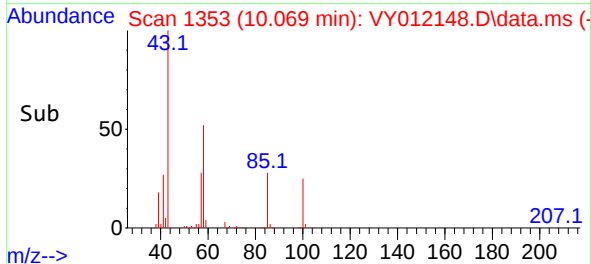
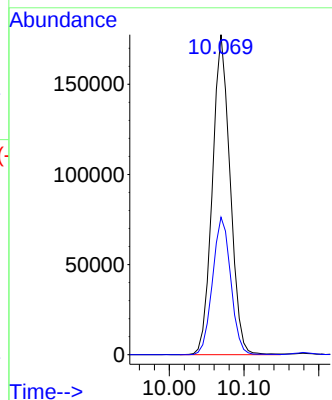
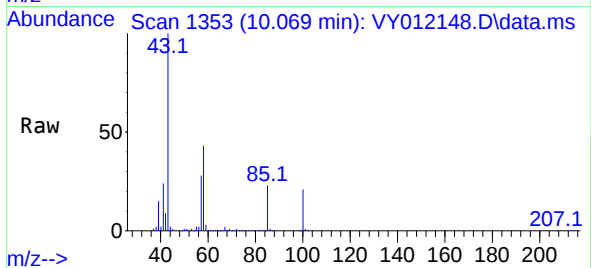
ClientSampleId :

Tgt Ion: 43 Resp: 292368

Ion Ratio Lower Upper

43 100

58 44.0 32.9 49.3



#52

Toluene

Concen: 50.820 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY012148.D

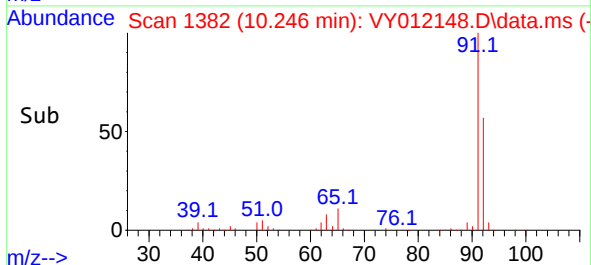
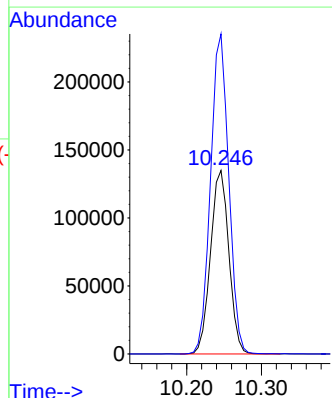
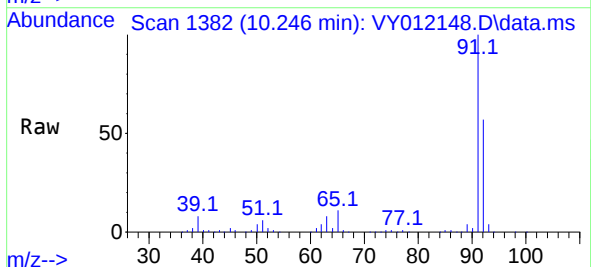
Acq: 10 Jan 2023 17:46

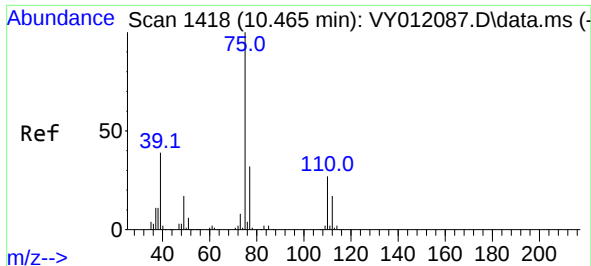
Tgt Ion: 92 Resp: 230222

Ion Ratio Lower Upper

92 100

91 172.7 137.4 206.0

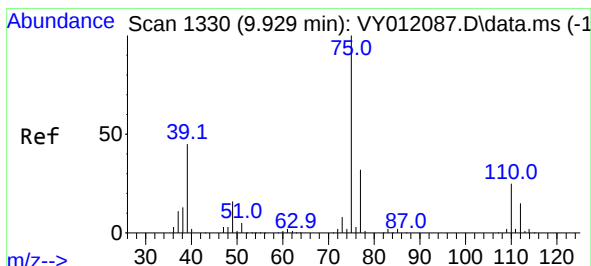
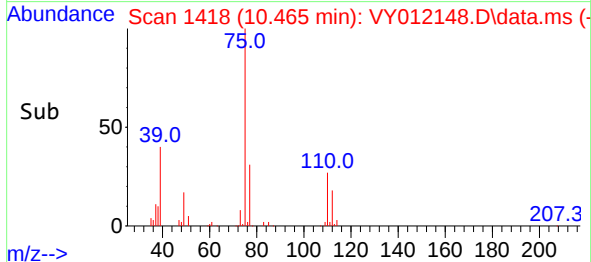
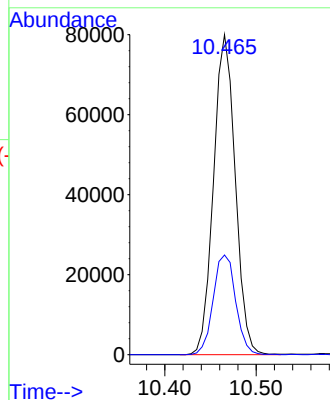
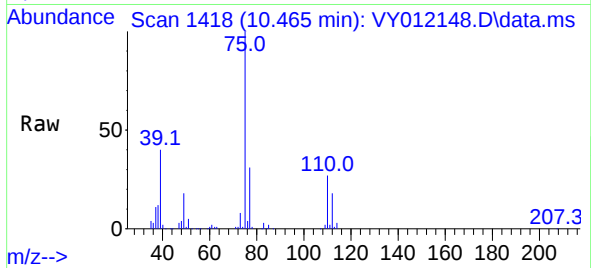




#53  
t-1,3-Dichloropropene  
Concen: 51.942 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

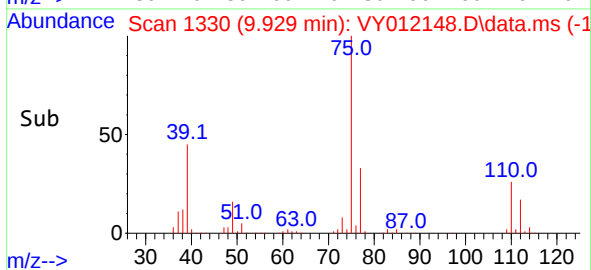
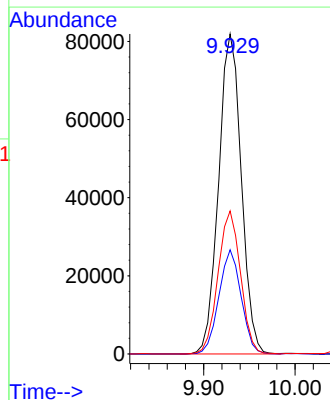
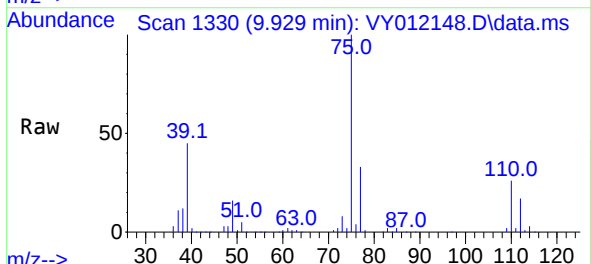
Instrument :  
MSVOA\_Y  
ClientSampleId :

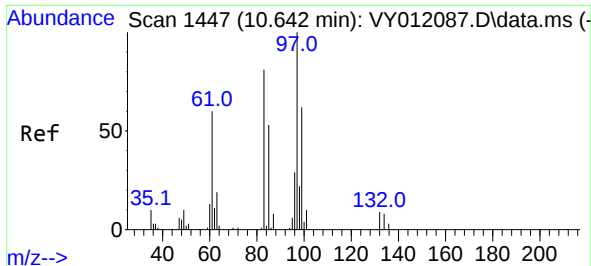
Tgt Ion: 75 Resp: 131896  
Ion Ratio Lower Upper  
75 100  
77 31.2 25.8 38.8



#54  
cis-1,3-Dichloropropene  
Concen: 51.530 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion: 75 Resp: 141557  
Ion Ratio Lower Upper  
75 100  
77 32.6 25.9 38.9  
39 44.7 34.6 52.0

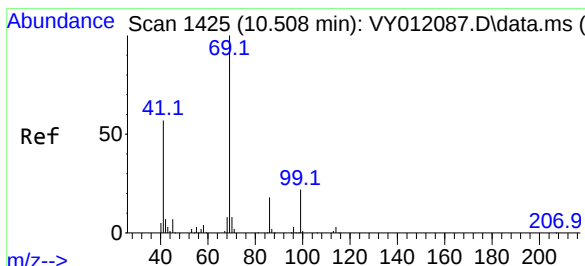
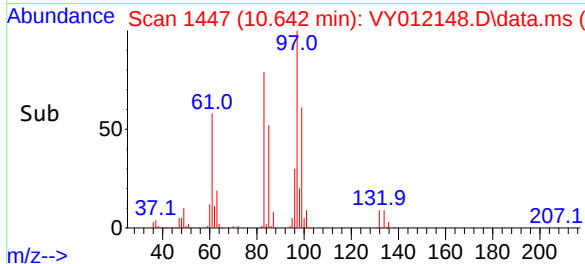
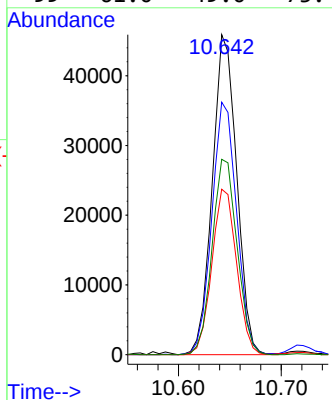
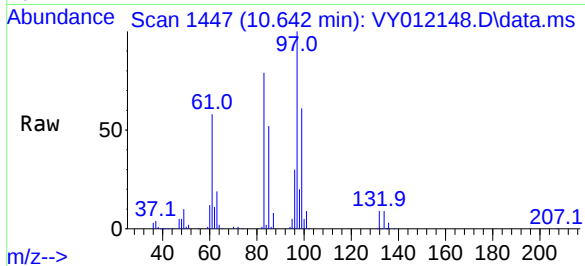




#55  
1,1,2-Trichloroethane  
Concen: 54.574 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

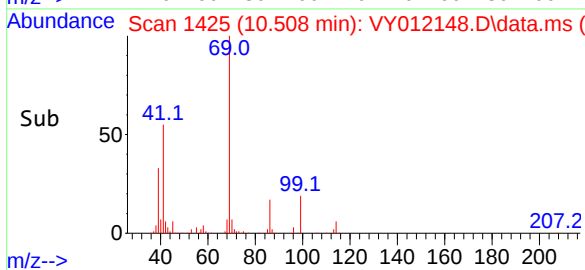
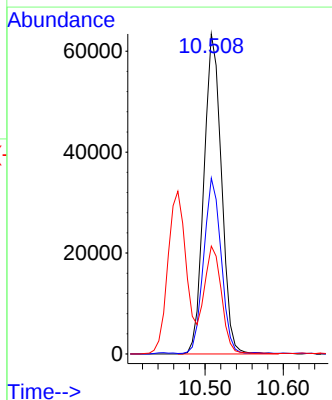
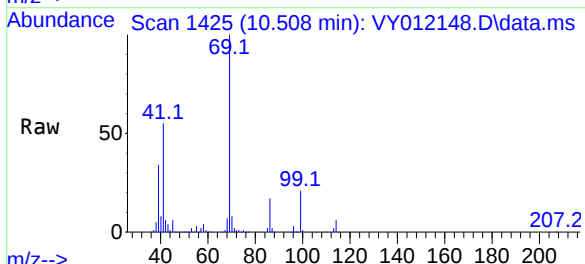
Instrument :  
MSVOA\_Y  
ClientSampleId :

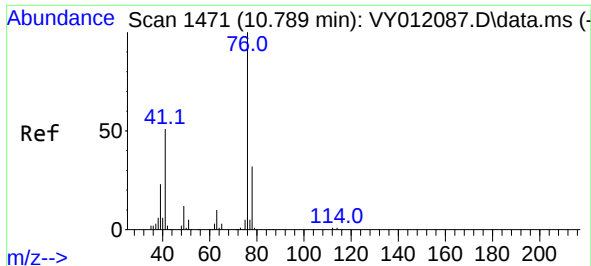
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 75666 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 78.9  | 67.7  | 101.5 |
| 85       | 51.7  | 43.8  | 65.8  |
| 99       | 61.0  | 49.0  | 73.4  |



#56  
Ethyl methacrylate  
Concen: 54.328 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 98675 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 54.3  | 48.9  | 73.3  |
| 39       | 32.6  | 25.9  | 38.9  |





#57

1,3-Dichloropropane

Concen: 53.294 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY012148.D

Acq: 10 Jan 2023 17:46

Instrument :

MSVOA\_Y

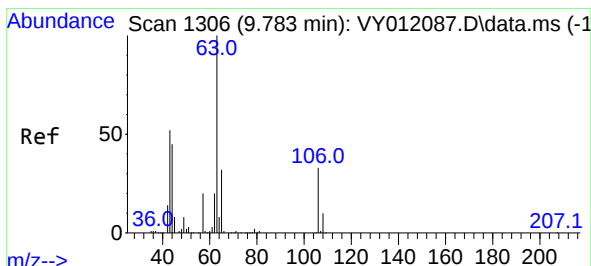
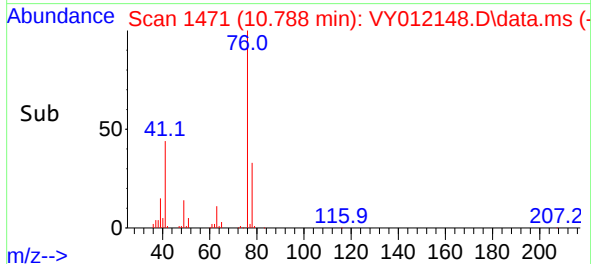
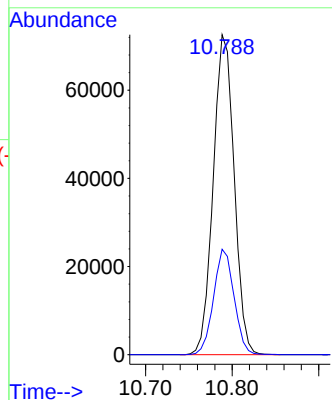
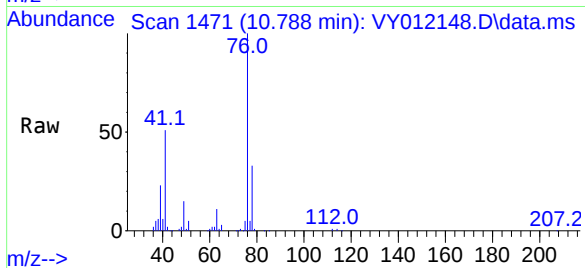
ClientSampleId :

Tgt Ion: 76 Resp: 121946

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 243.810 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY012148.D

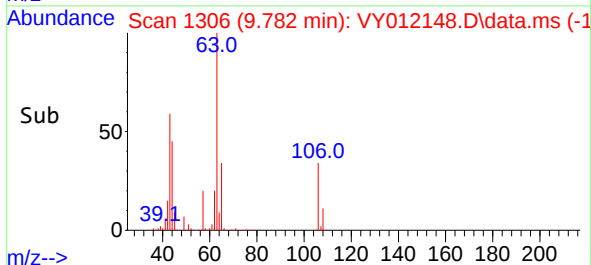
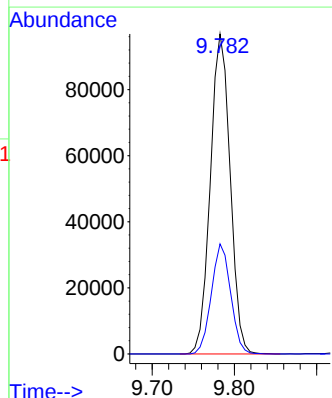
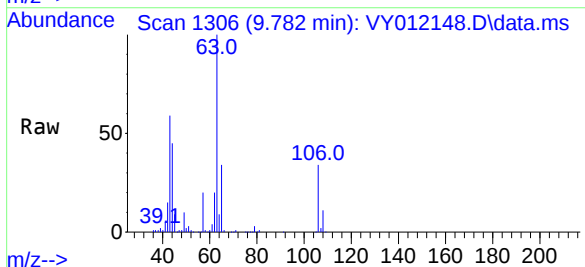
Acq: 10 Jan 2023 17:46

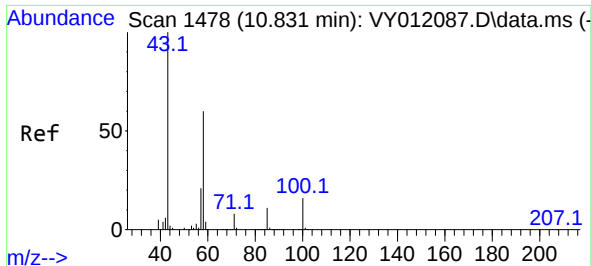
Tgt Ion: 63 Resp: 161974

Ion Ratio Lower Upper

63 100

106 33.5 23.2 34.8

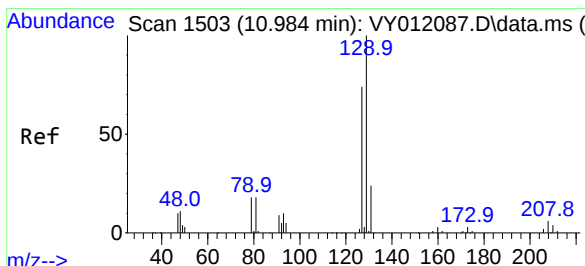
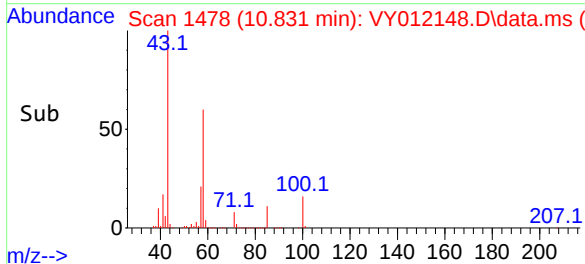
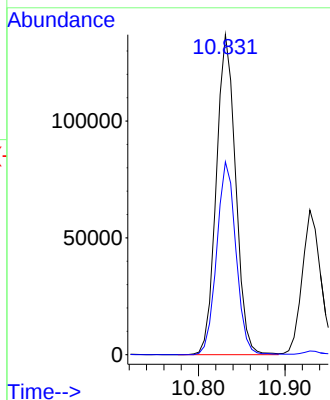
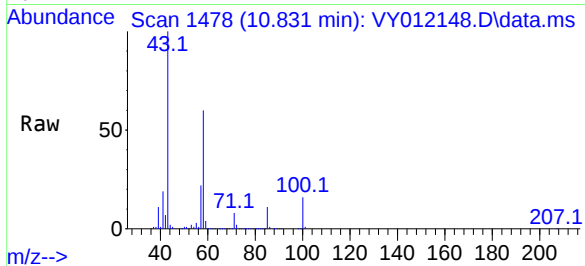




#59  
2-Hexanone  
Concen: 269.816 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

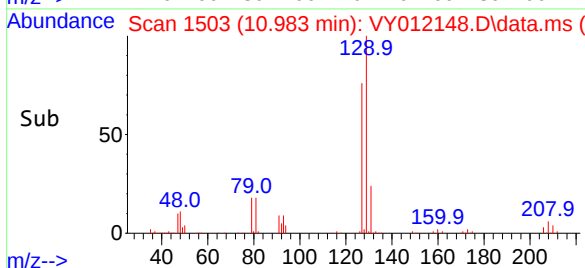
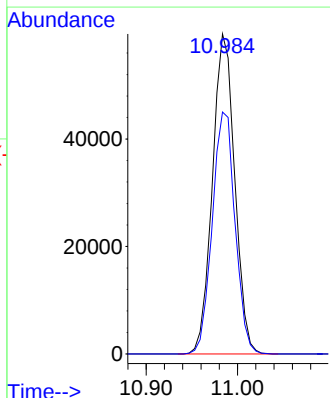
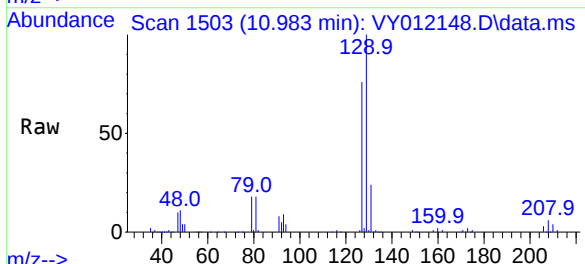
Instrument :  
MSVOA\_Y  
ClientSampleId :

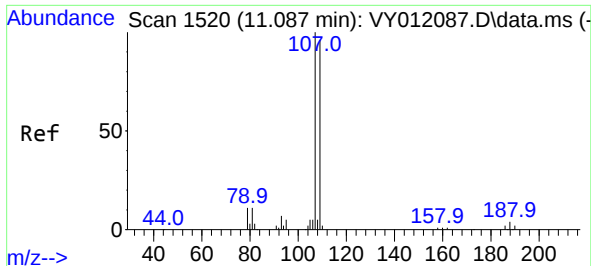
Tgt Ion: 43 Resp: 212461  
Ion Ratio Lower Upper  
43 100  
58 59.9 28.4 85.2



#60  
Dibromochloromethane  
Concen: 55.173 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. -0.001 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion:129 Resp: 100862  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.9 116.6

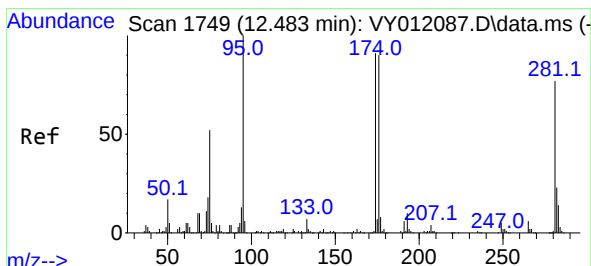
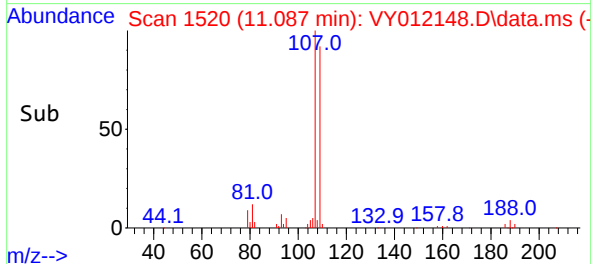
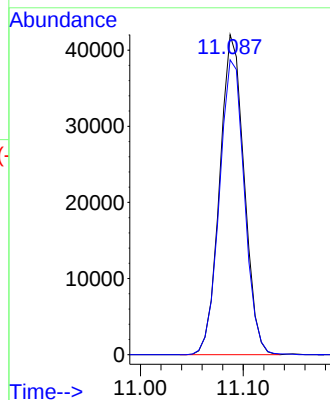
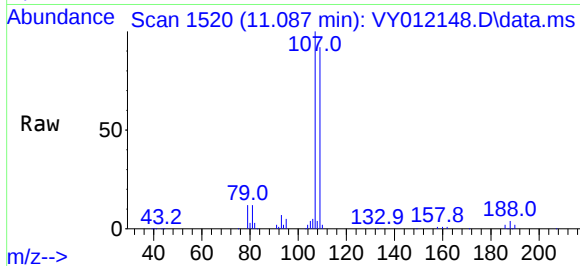




#61  
1,2-Dibromoethane  
Concen: 52.187 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

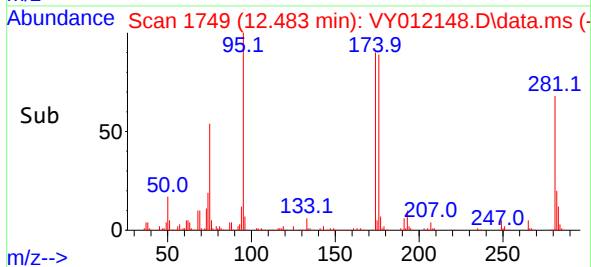
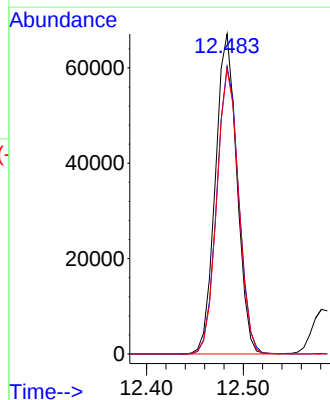
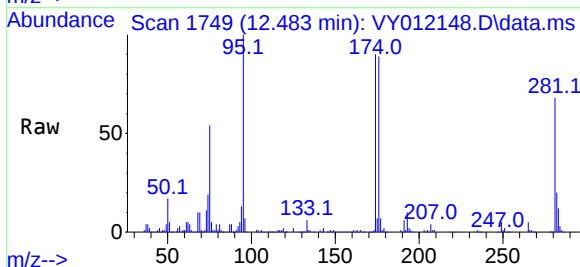
Instrument :  
MSVOA\_Y  
ClientSampleId :

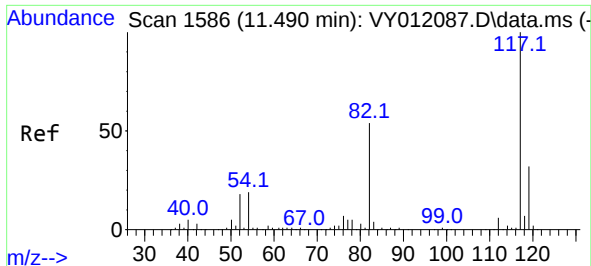
Tgt Ion:107 Resp: 69253  
Ion Ratio Lower Upper  
107 100  
109 94.2 75.8 113.6



#62  
4-Bromofluorobenzene  
Concen: 48.485 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion: 95 Resp: 103555  
Ion Ratio Lower Upper  
95 100  
174 91.6 0.0 172.0  
176 90.0 0.0 167.6

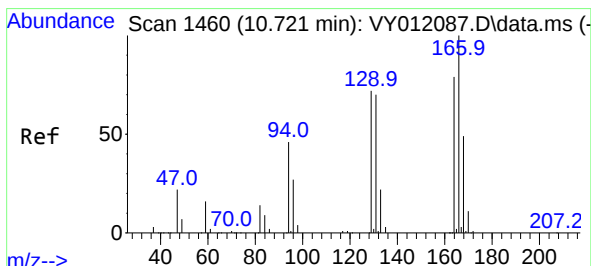
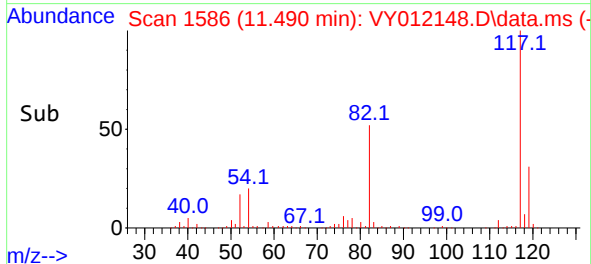
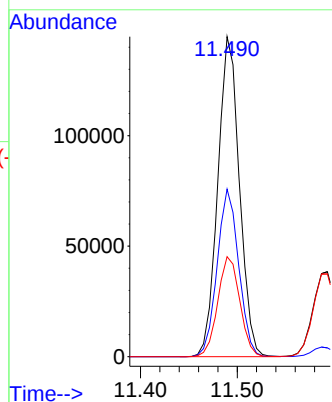
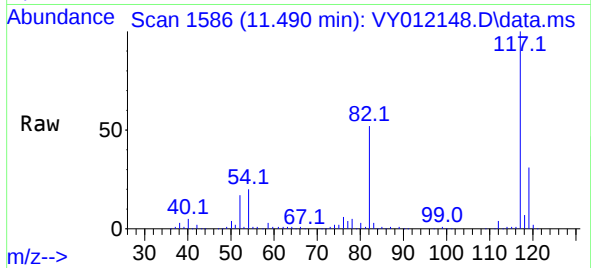




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

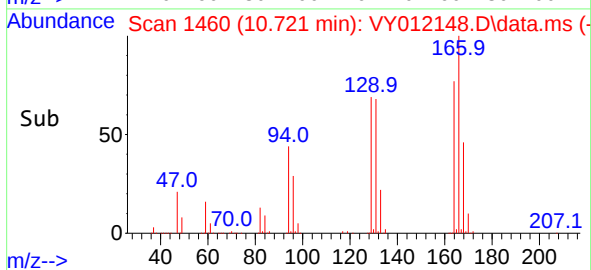
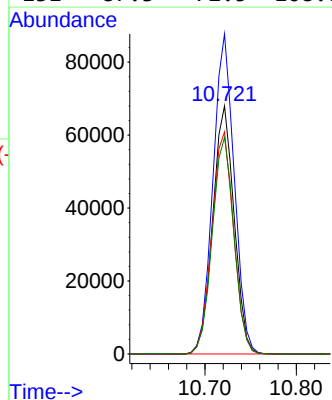
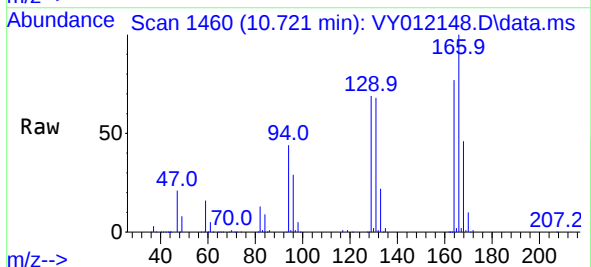
Instrument :  
MSVOA\_Y  
ClientSampleId :

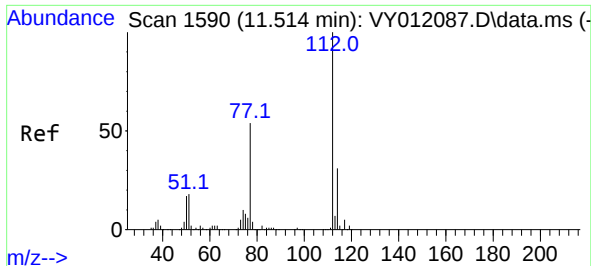
Tgt Ion:117 Resp: 224551  
Ion Ratio Lower Upper  
117 100  
82 52.3 44.8 67.2  
119 31.2 25.4 38.2



#64  
Tetrachloroethene  
Concen: 50.445 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

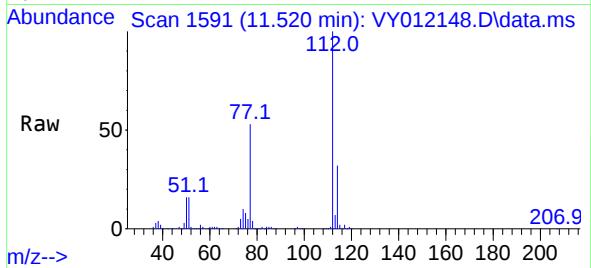
Tgt Ion:164 Resp: 110966  
Ion Ratio Lower Upper  
164 100  
166 129.0 102.3 153.5  
129 89.6 77.2 115.8  
131 87.3 72.5 108.7



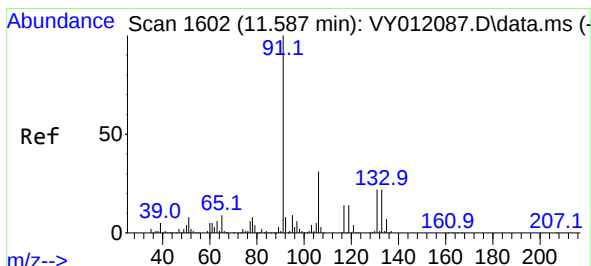
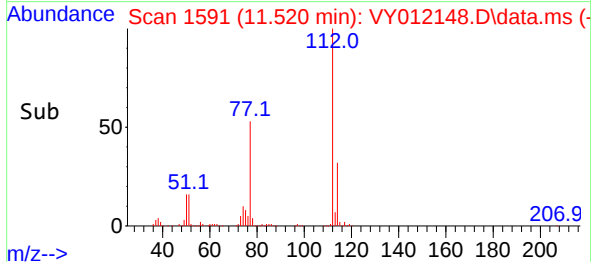
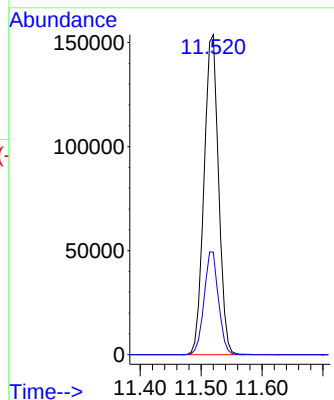


#65  
Chlorobenzene  
Concen: 49.836 ug/l  
RT: 11.520 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Instrument :  
MSVOA\_Y  
ClientSampleId :

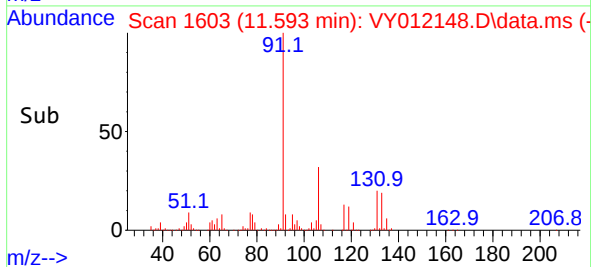
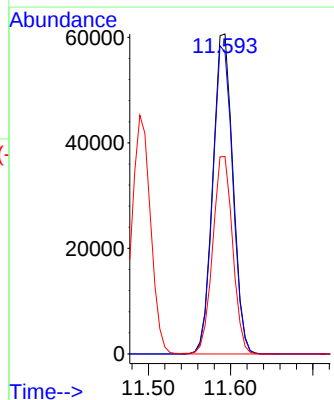
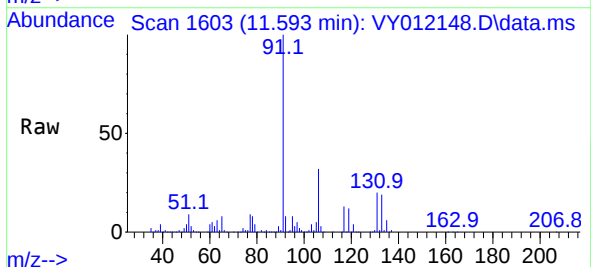


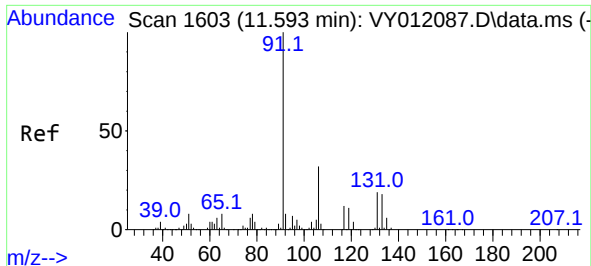
Tgt Ion:112 Resp: 255580  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.110 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.006 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion:131 Resp: 103177  
Ion Ratio Lower Upper  
131 100  
133 95.6 47.3 142.0  
119 61.1 32.1 96.3

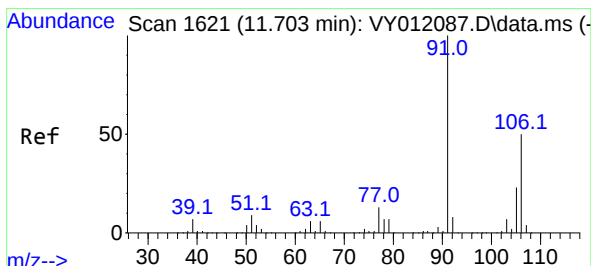
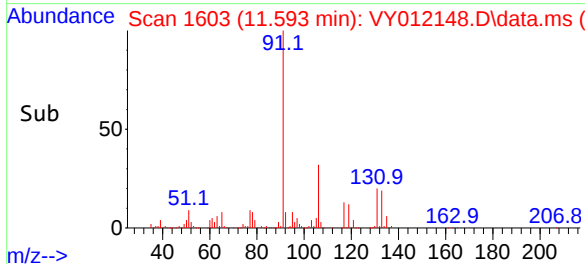
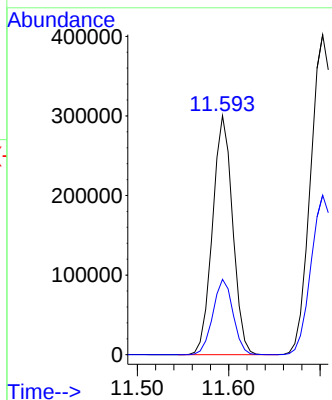
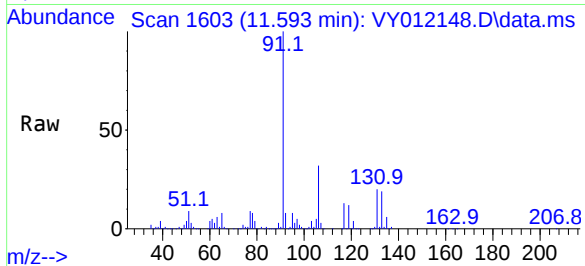




#67  
Ethyl Benzene  
Concen: 50.037 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

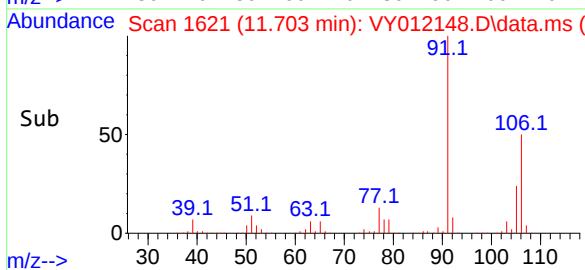
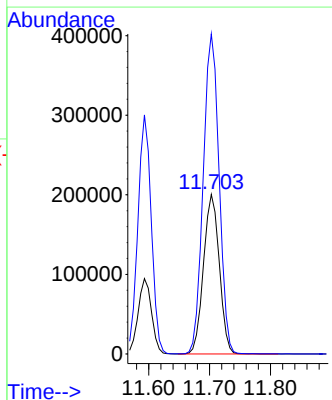
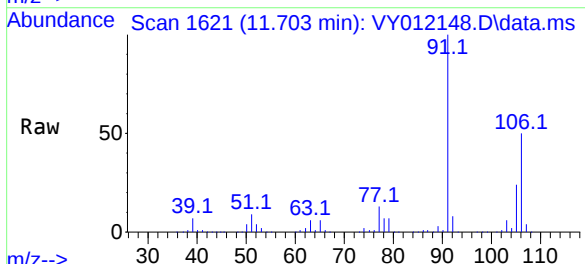
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 91 Resp: 458666  
Ion Ratio Lower Upper  
91 100  
106 31.5 25.0 37.4



#68  
m/p-Xylenes  
Concen: 100.352 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion:106 Resp: 360791  
Ion Ratio Lower Upper  
106 100  
91 201.7 162.5 243.7

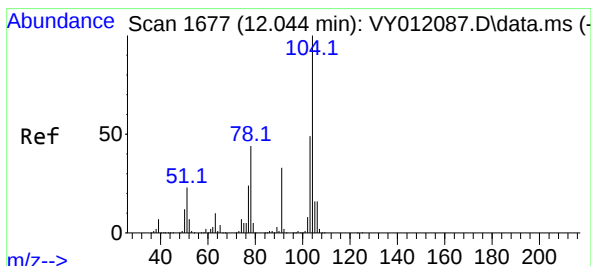
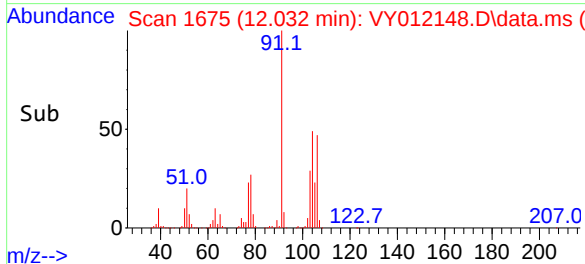
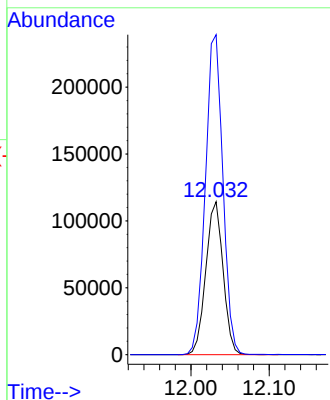
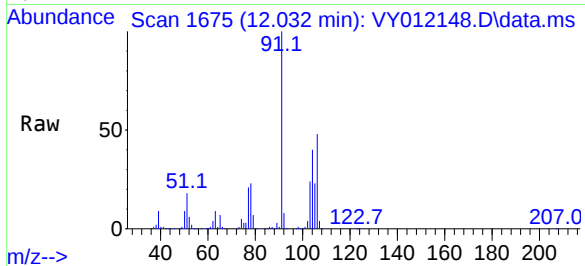




#69  
o-Xylene  
Concen: 51.096 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.006 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

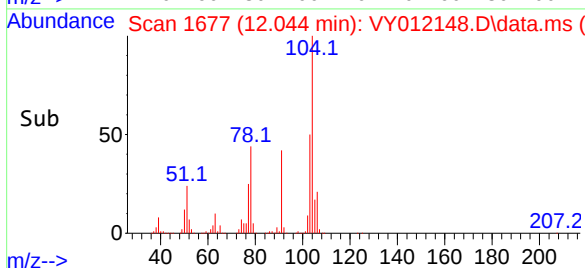
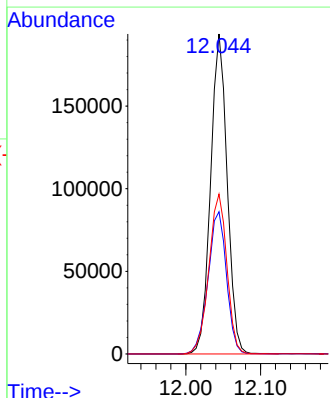
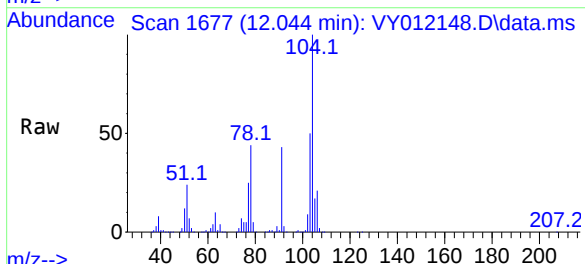
Instrument :  
MSVOA\_Y  
ClientSampleId :

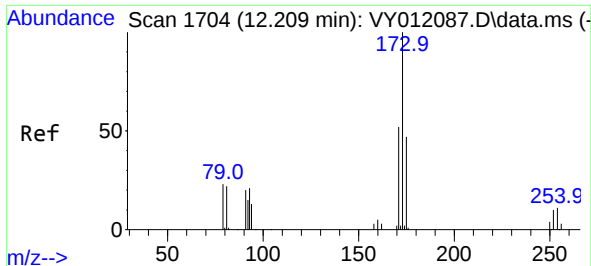
Tgt Ion:106 Resp: 174915  
Ion Ratio Lower Upper  
106 100  
91 211.6 107.5 322.4



#70  
Styrene  
Concen: 51.570 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion:104 Resp: 299873  
Ion Ratio Lower Upper  
104 100  
78 49.5 39.4 59.0  
103 54.2 43.0 64.4

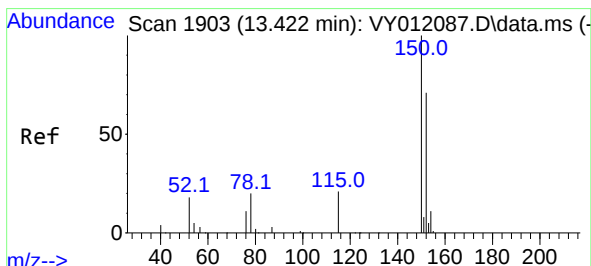
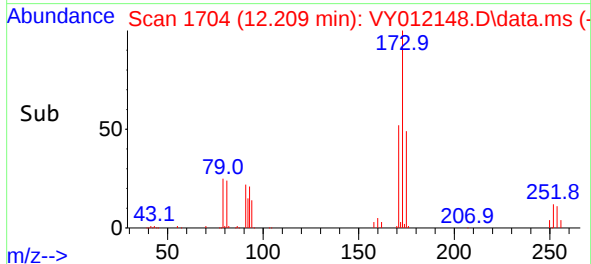
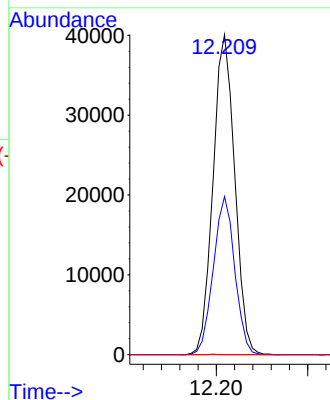
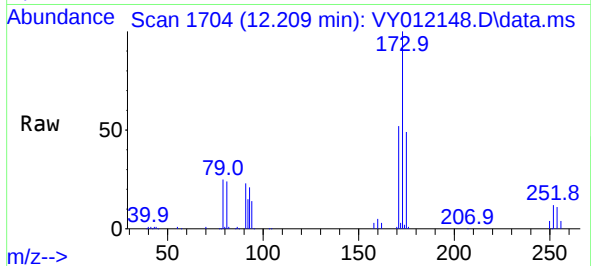




#71  
Bromoform  
Concen: 52.467 ug/l  
RT: 12.209 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

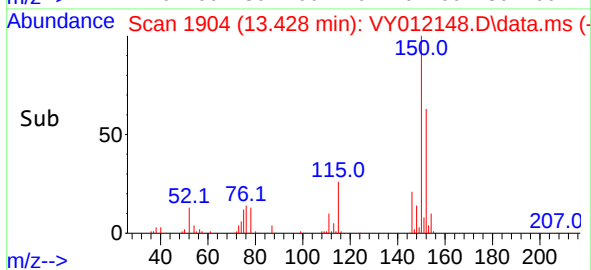
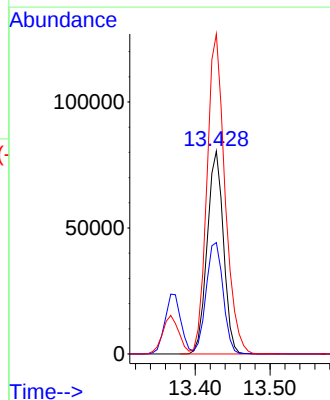
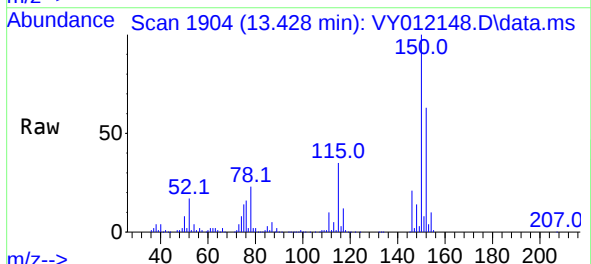
Instrument :  
MSVOA\_Y  
ClientSampleId :

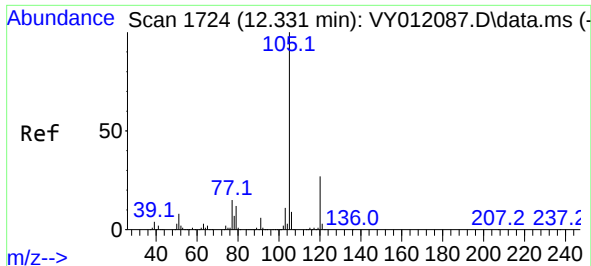
Tgt Ion:173 Resp: 66006  
Ion Ratio Lower Upper  
173 100  
175 48.7 23.8 71.5  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.006 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion:152 Resp: 121712  
Ion Ratio Lower Upper  
152 100  
115 57.2 29.1 87.3  
150 174.6 0.0 342.6

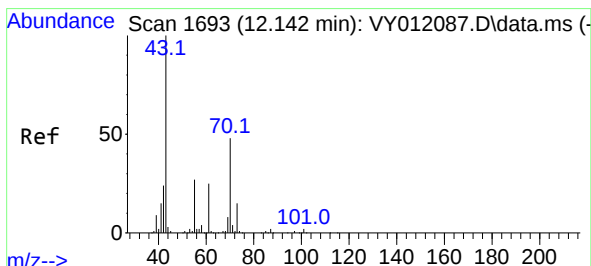
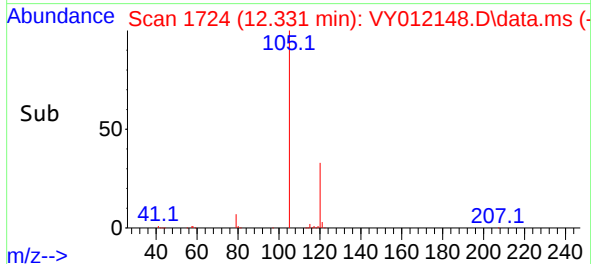
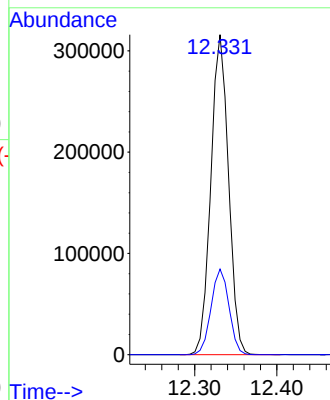
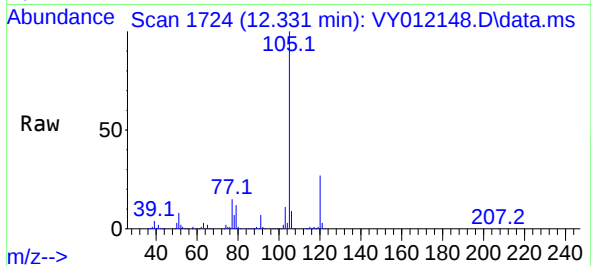




#73  
Isopropylbenzene  
Concen: 48.981 ug/l  
RT: 12.331 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

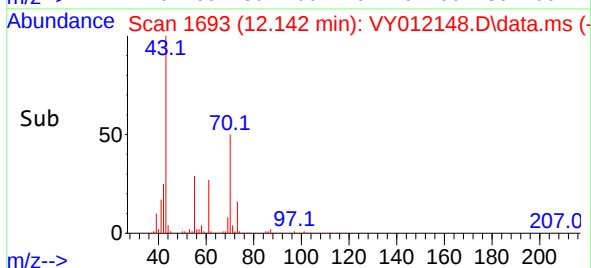
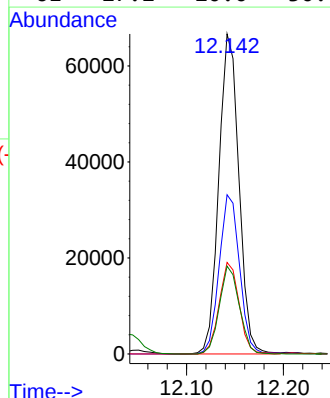
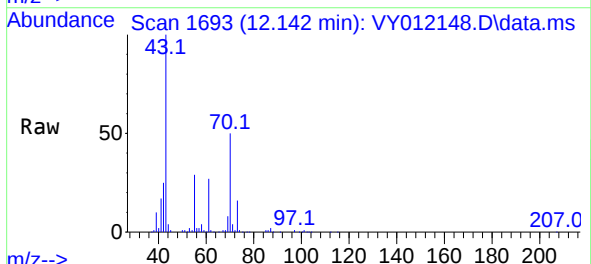
Instrument :  
MSVOA\_Y  
ClientSampleId :

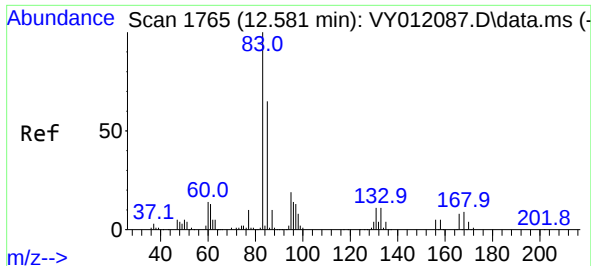
Tgt Ion:105 Resp: 471726  
Ion Ratio Lower Upper  
105 100  
120 27.1 13.2 39.6



#74  
N-ethyl acetate  
Concen: 48.256 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion: 43 Resp: 95945  
Ion Ratio Lower Upper  
43 100  
70 51.0 35.8 53.8  
55 28.5 21.0 31.4  
61 27.2 20.0 30.0

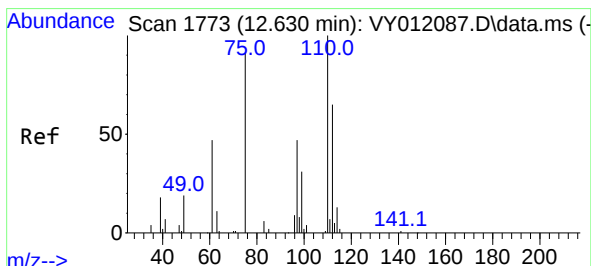
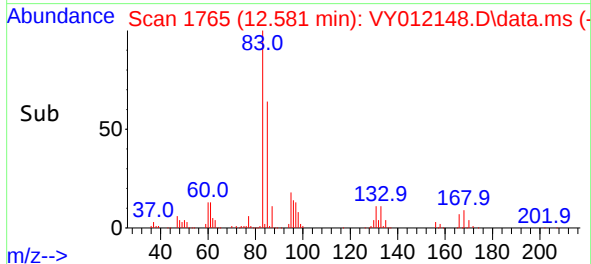
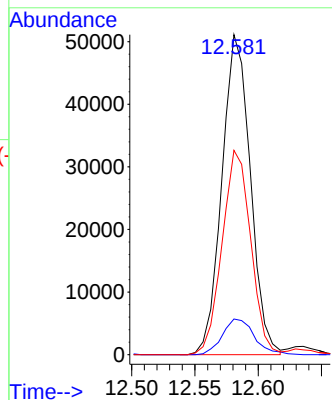
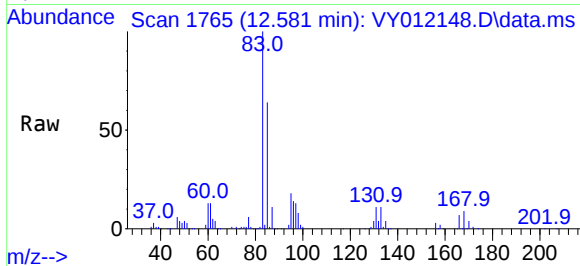




#75  
1,1,2,2-Tetrachloroethane  
Concen: 49.323 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

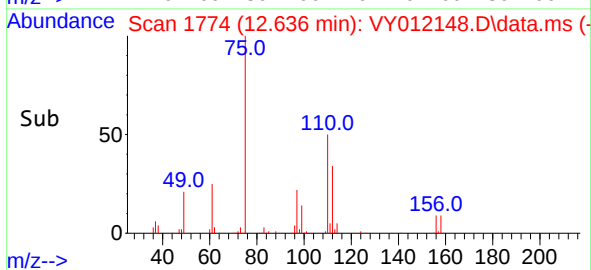
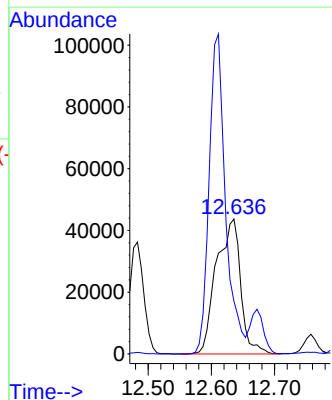
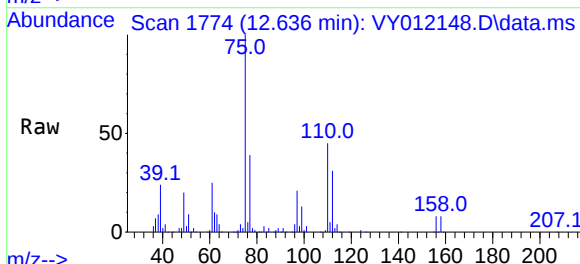
Instrument :  
MSVOA\_Y  
ClientSampleId :

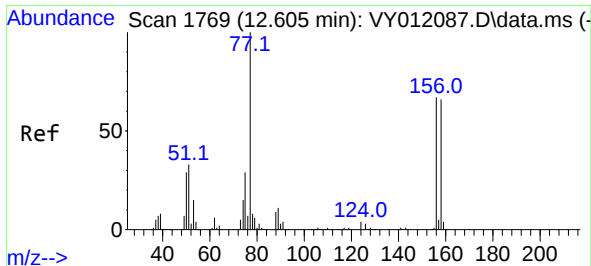
Tgt Ion: 83 Resp: 79906  
Ion Ratio Lower Upper  
83 100  
131 12.5 5.6 16.8  
85 64.2 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 83.795 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.006 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion: 75 Resp: 116450  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

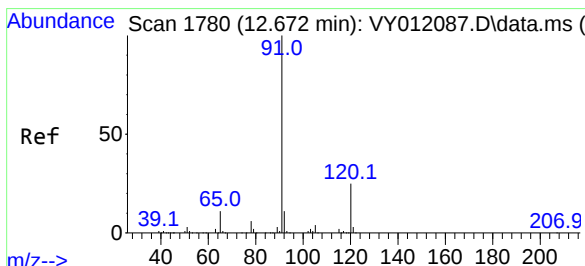
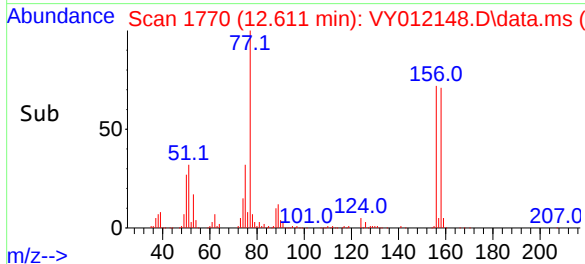
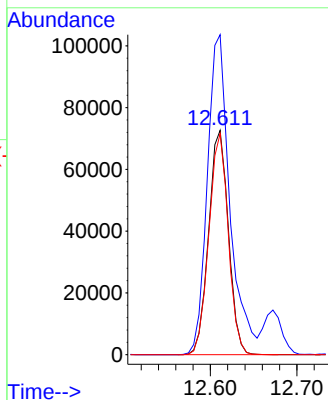
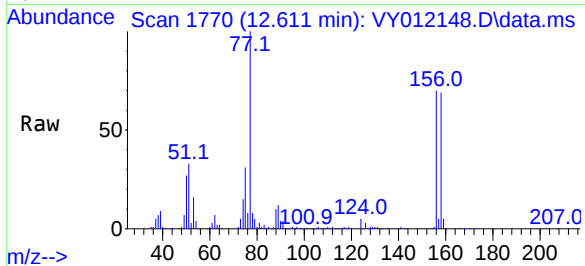




#77  
Bromobenzene  
Concen: 50.147 ug/l  
RT: 12.611 min Scan# 1769  
Delta R.T. 0.006 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

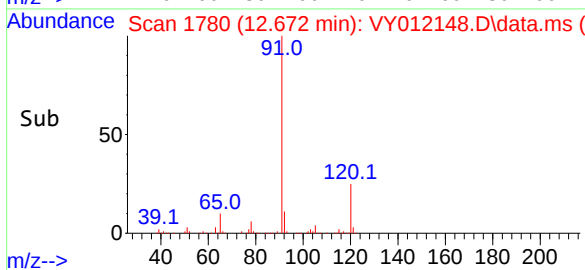
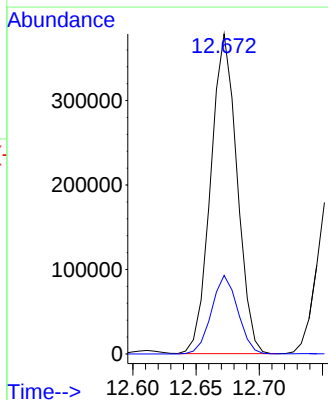
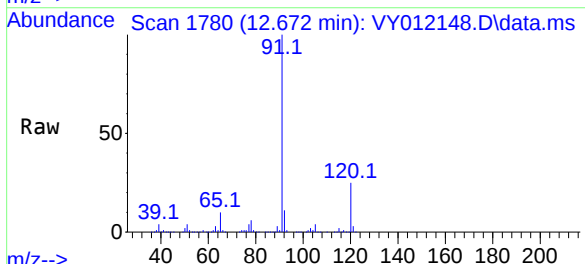
Instrument :  
MSVOA\_Y  
ClientSampleId :

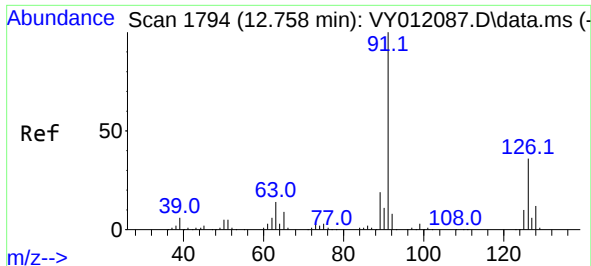
Tgt Ion:156 Resp: 115188  
Ion Ratio Lower Upper  
156 100  
77 162.8 90.0 270.0  
158 96.4 48.4 145.2



#78  
n-propylbenzene  
Concen: 48.787 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion: 91 Resp: 548499  
Ion Ratio Lower Upper  
91 100  
120 24.4 11.8 35.4

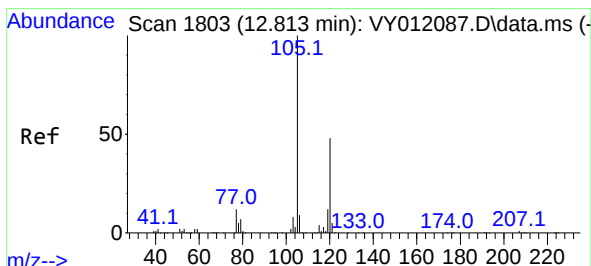
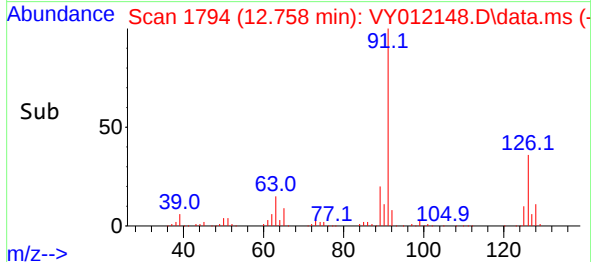
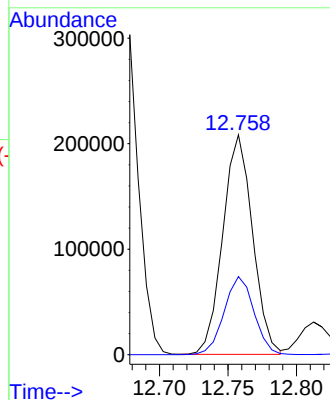
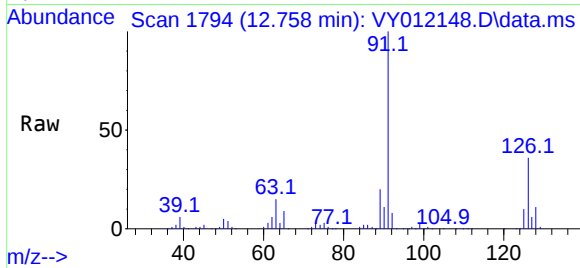




#79  
2-Chlorotoluene  
Concen: 48.989 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

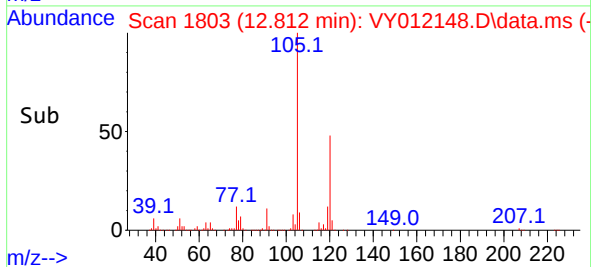
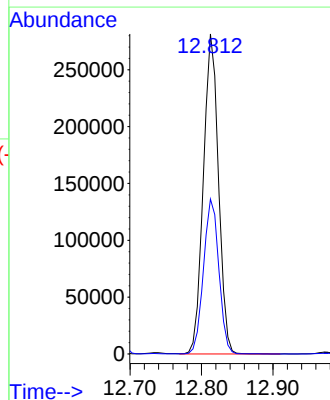
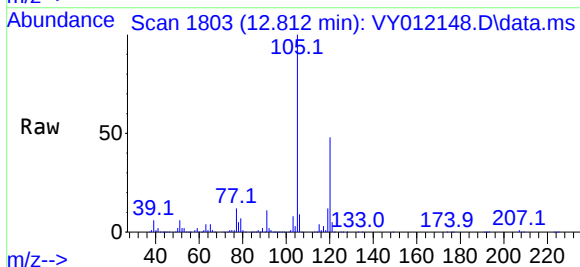
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 91 Resp: 315055  
Ion Ratio Lower Upper  
91 100  
126 35.7 17.2 51.5



#80  
1,3,5-Trimethylbenzene  
Concen: 50.068 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.001 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion: 105 Resp: 413580  
Ion Ratio Lower Upper  
105 100  
120 49.1 24.2 72.6

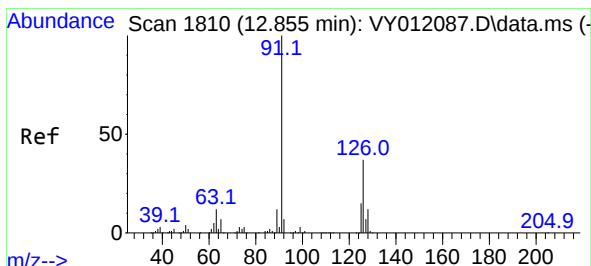
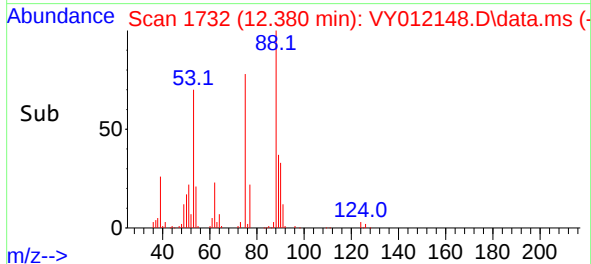
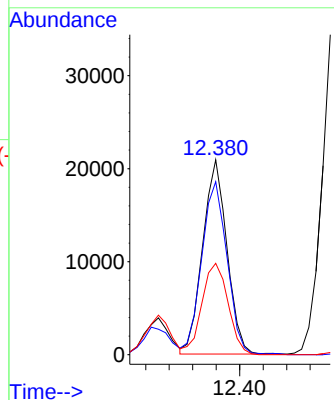
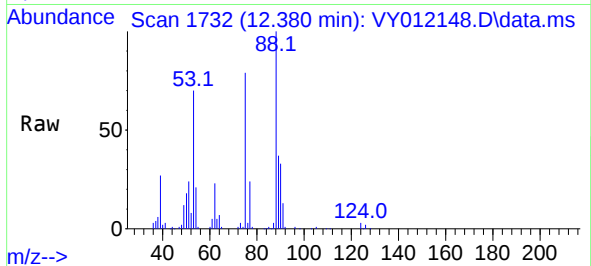




#81  
trans-1,4-Dichloro-2-butene  
Concen: 47.972 ug/l  
RT: 12.380 min Scan# 1731  
Delta R.T. 0.006 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

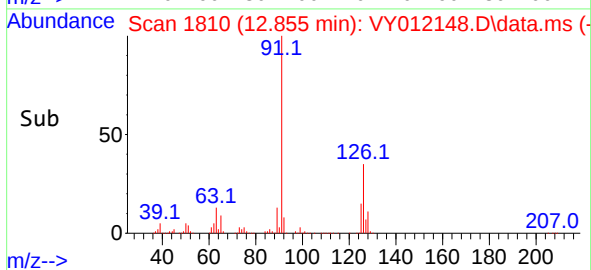
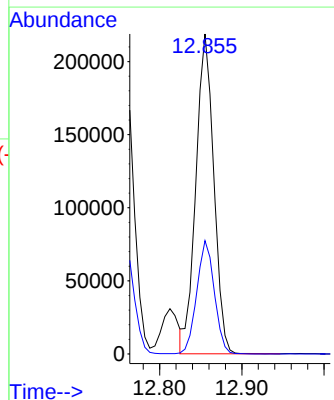
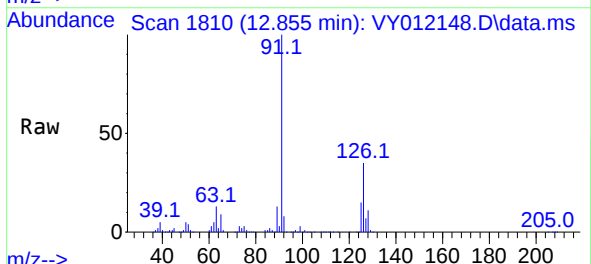
Instrument :  
MSVOA\_Y  
ClientSampleId :

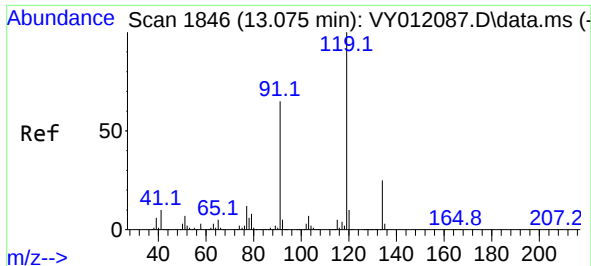
Tgt Ion: 75 Resp: 30019  
Ion Ratio Lower Upper  
75 100  
53 93.3 72.5 108.7  
89 50.8 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 49.147 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

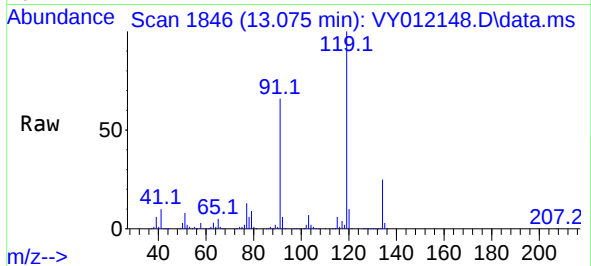
Tgt Ion: 91 Resp: 330585  
Ion Ratio Lower Upper  
91 100  
126 34.8 17.1 51.2



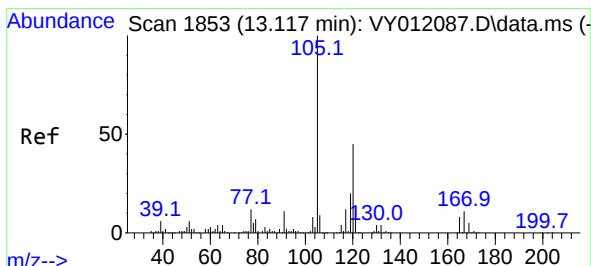
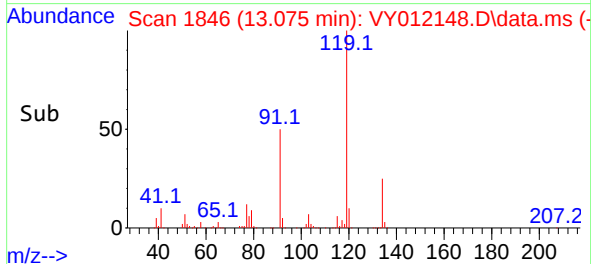
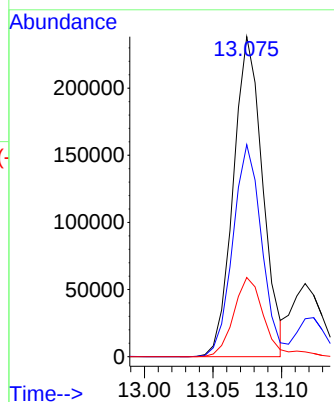


#83  
tert-Butylbenzene  
Concen: 49.077 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Instrument :  
MSVOA\_Y  
ClientSampleId :

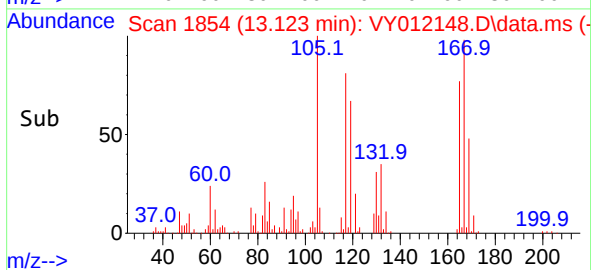
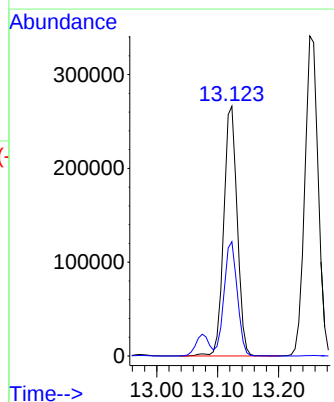
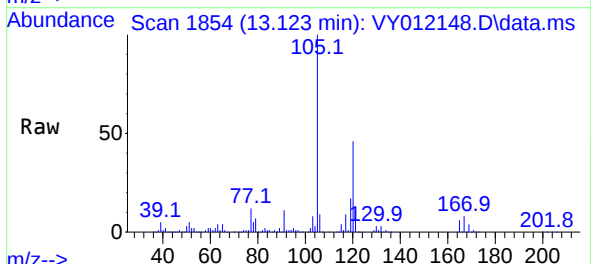


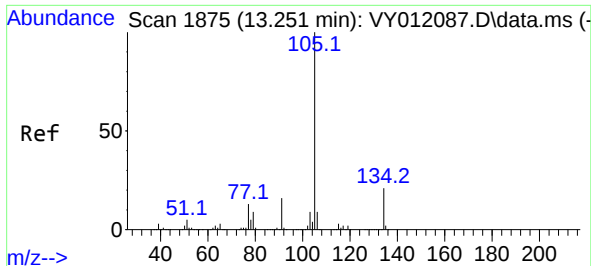
Tgt Ion:119 Resp: 355196  
Ion Ratio Lower Upper  
119 100  
91 65.9 32.3 96.8  
134 26.0 13.0 39.0



#84  
1,2,4-Trimethylbenzene  
Concen: 50.019 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.006 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion:105 Resp: 408988  
Ion Ratio Lower Upper  
105 100  
120 45.0 22.9 68.7

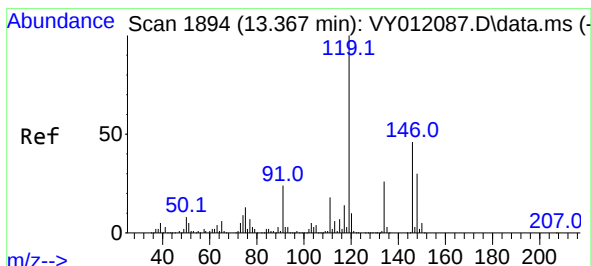
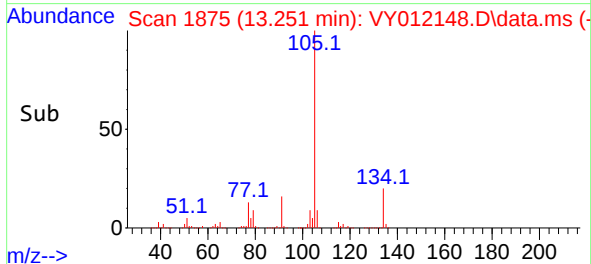
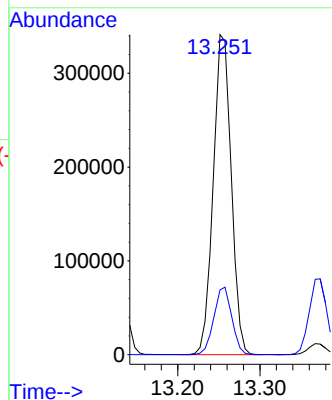
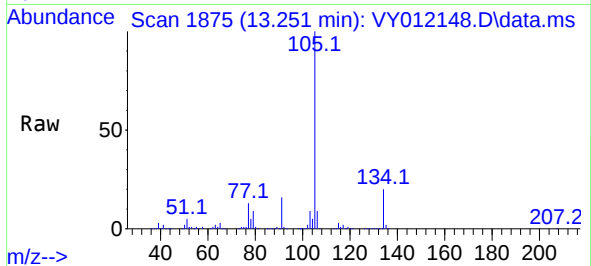




#85  
 sec-Butylbenzene  
 Concen: 49.848 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY012148.D  
 Acq: 10 Jan 2023 17:46

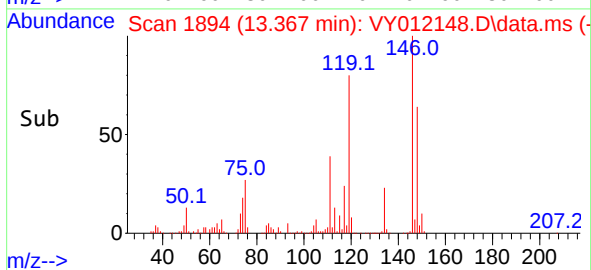
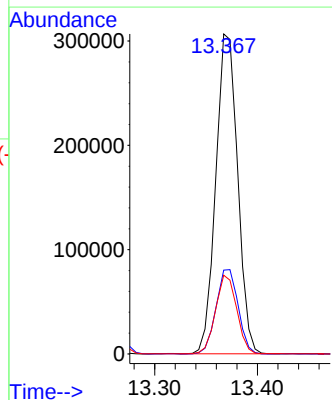
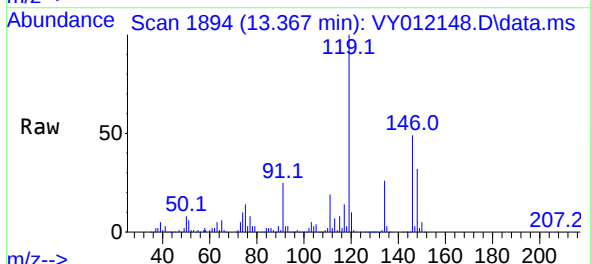
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

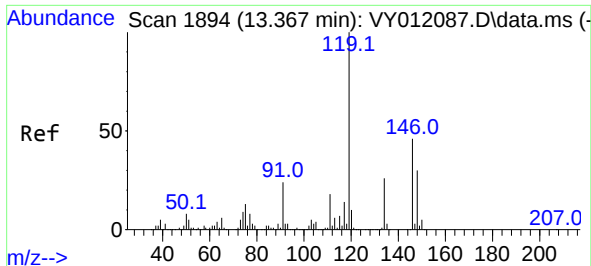
Tgt Ion:105 Resp: 518552  
 Ion Ratio Lower Upper  
 105 100  
 134 21.0 10.1 30.3



#86  
 p-Isopropyltoluene  
 Concen: 50.195 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY012148.D  
 Acq: 10 Jan 2023 17:46

Tgt Ion:119 Resp: 452378  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 13.0 39.0  
 91 23.9 11.9 35.9

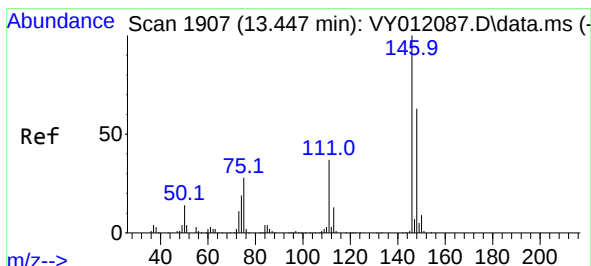
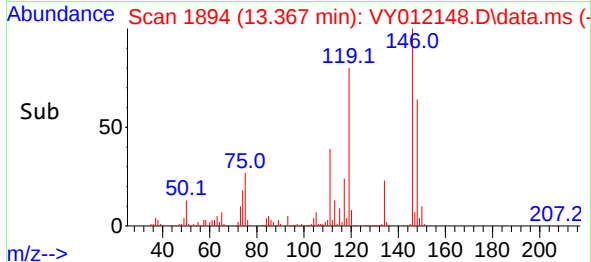
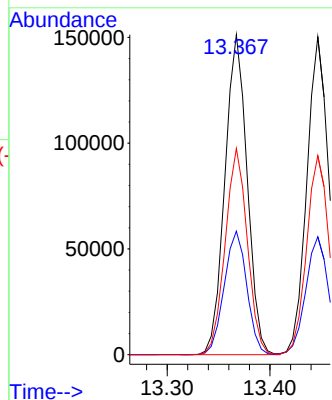
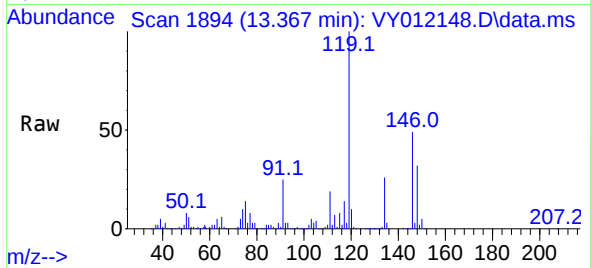




#87  
1,3-Dichlorobenzene  
Concen: 49.526 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

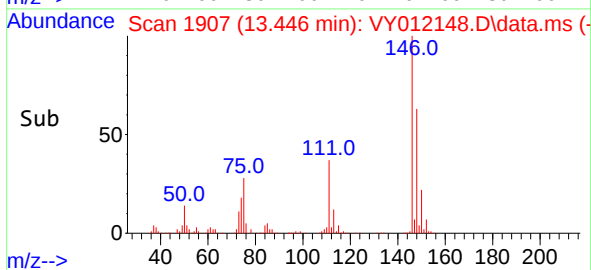
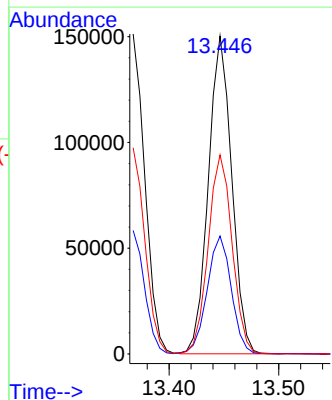
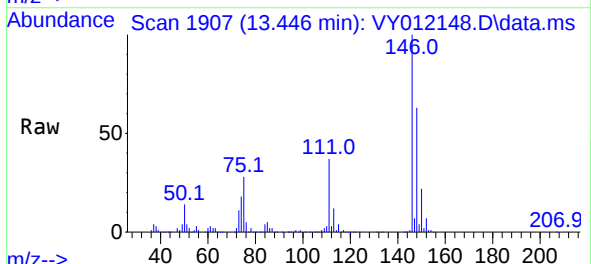
Instrument :  
MSVOA\_Y  
ClientSampleId :

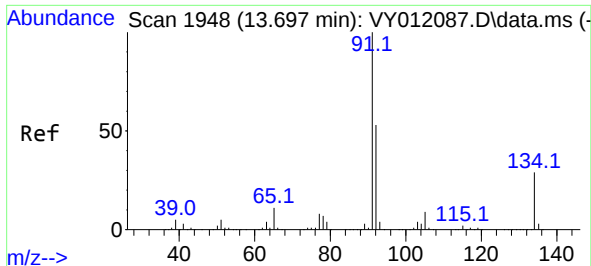
Tgt Ion:146 Resp: 228038  
Ion Ratio Lower Upper  
146 100  
111 39.2 19.7 59.0  
148 63.9 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 48.516 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. -0.001 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion:146 Resp: 223150  
Ion Ratio Lower Upper  
146 100  
111 38.2 19.6 58.7  
148 64.1 31.9 95.7

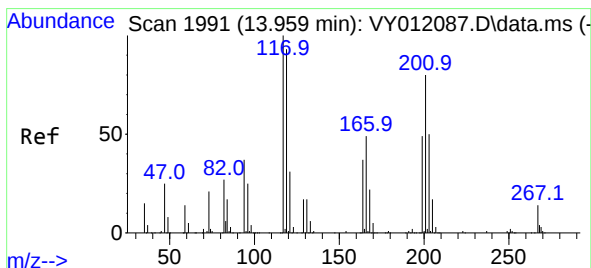
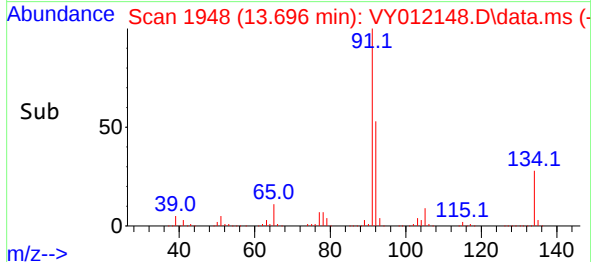
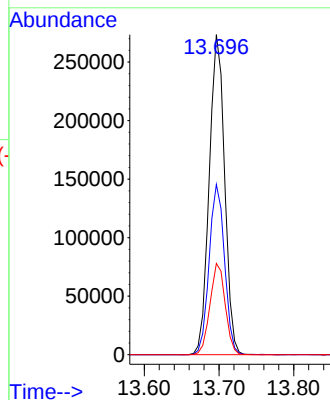
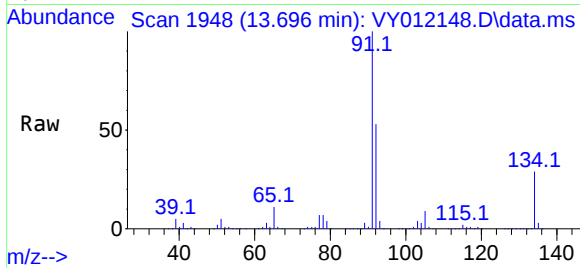




#89  
n-Butylbenzene  
Concen: 50.081 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. -0.001 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

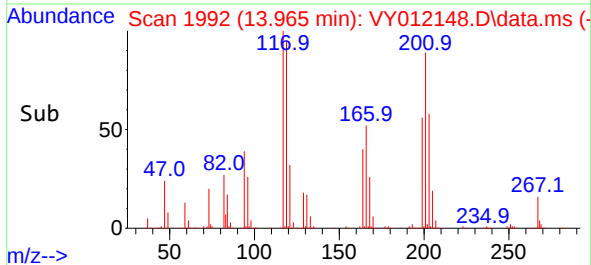
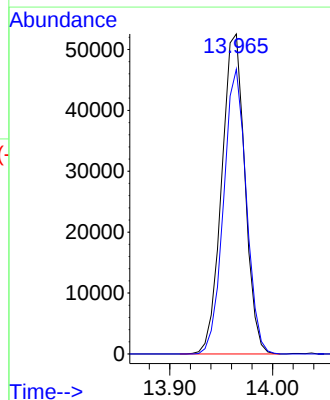
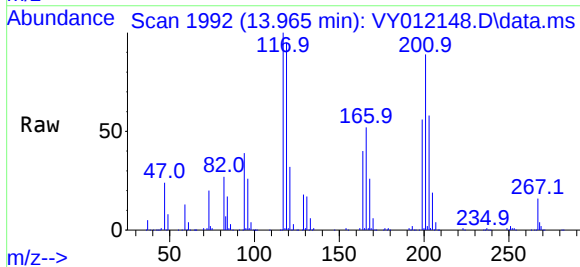
Instrument :  
MSVOA\_Y  
ClientSampleId :

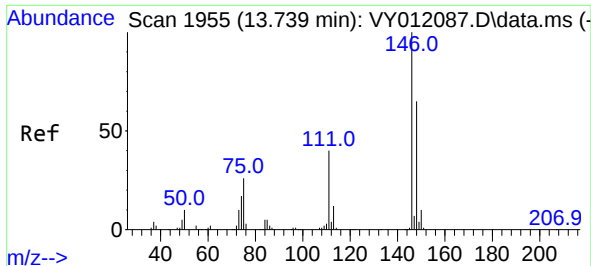
Tgt Ion: 91 Resp: 391130  
Ion Ratio Lower Upper  
91 100  
92 53.1 26.8 80.4  
134 28.2 13.3 39.8



#90  
Hexachloroethane  
Concen: 49.348 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. 0.006 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion: 117 Resp: 82509  
Ion Ratio Lower Upper  
117 100  
201 86.8 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 50.172 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012148.D

Acq: 10 Jan 2023 17:46

Instrument :

MSVOA\_Y

ClientSampleId :

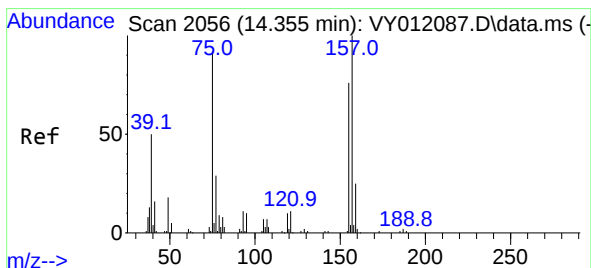
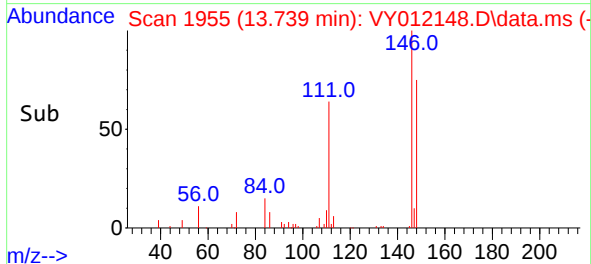
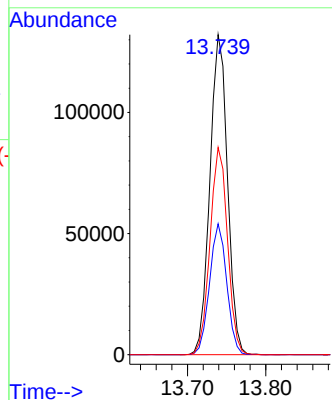
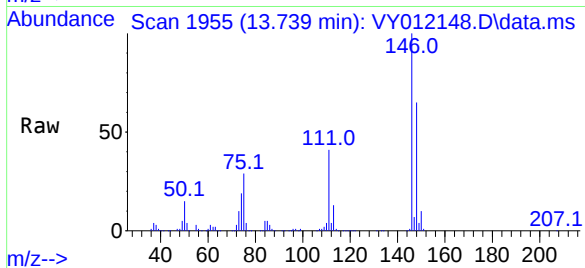
Tgt Ion:146 Resp: 205805

Ion Ratio Lower Upper

146 100

111 40.0 20.3 60.8

148 64.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.424 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012148.D

Acq: 10 Jan 2023 17:46

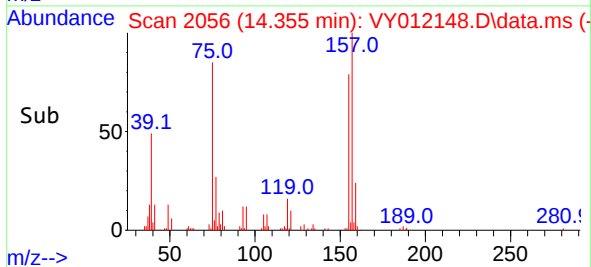
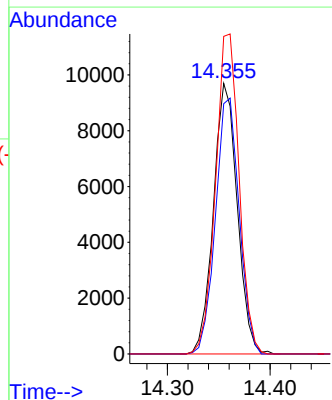
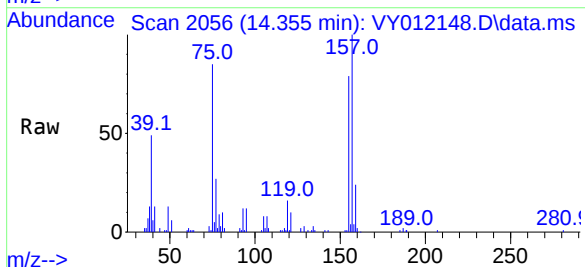
Tgt Ion: 75 Resp: 15592

Ion Ratio Lower Upper

75 100

155 94.1 42.3 126.8

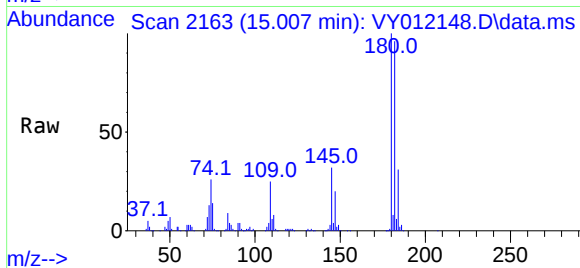
157 117.0 54.4 163.3



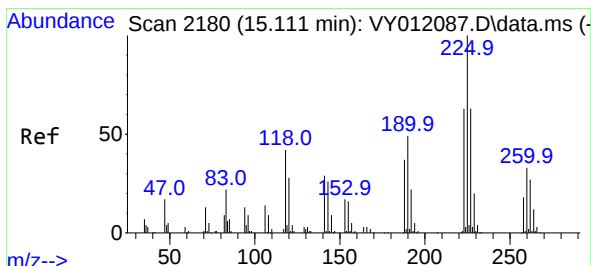
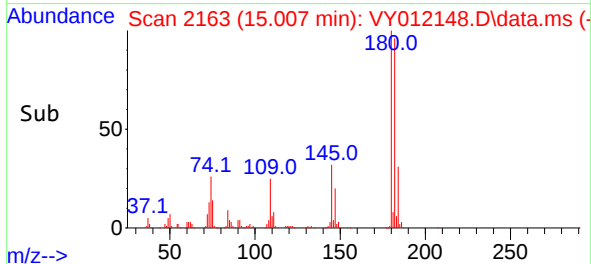
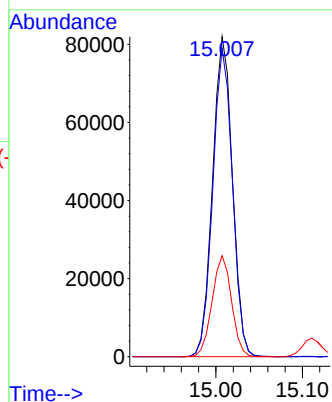


#93  
1,2,4-Trichlorobenzene  
Concen: 51.015 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Instrument :  
MSVOA\_Y  
ClientSampleId :

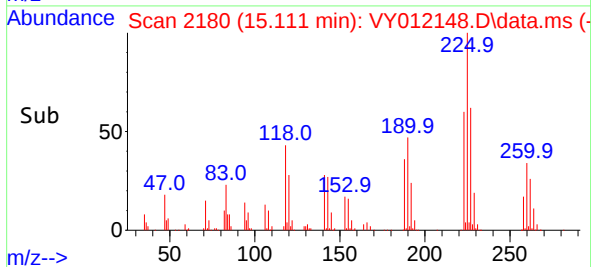
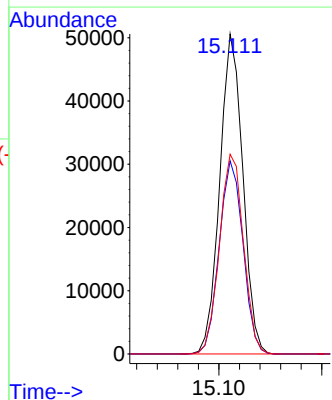
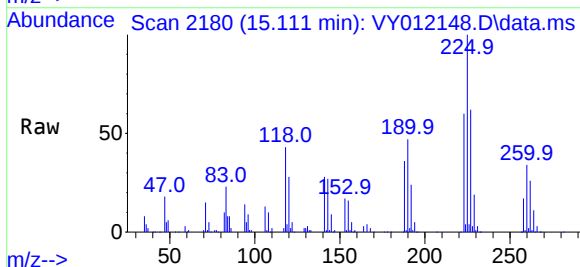


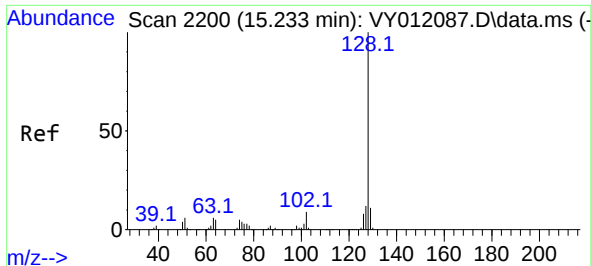
Tgt Ion:180 Resp: 130465  
Ion Ratio Lower Upper  
180 100  
182 95.2 48.1 144.3  
145 30.8 15.4 46.4



#94  
Hexachlorobutadiene  
Concen: 50.979 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion:225 Resp: 78662  
Ion Ratio Lower Upper  
225 100  
223 62.2 31.4 94.2  
227 64.9 32.6 97.8

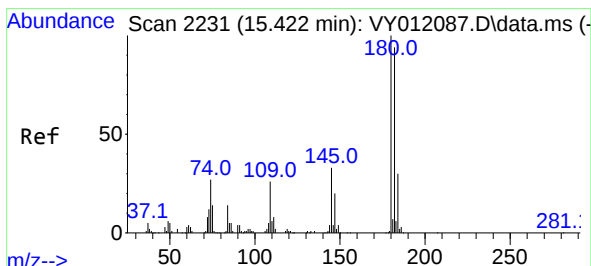
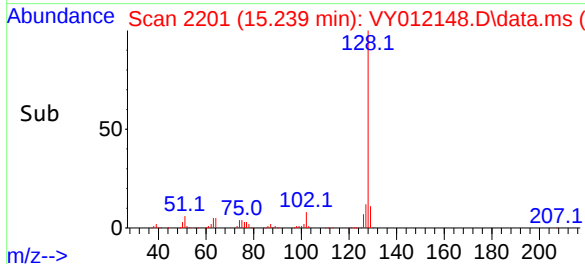
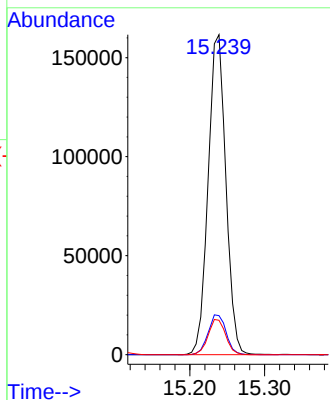
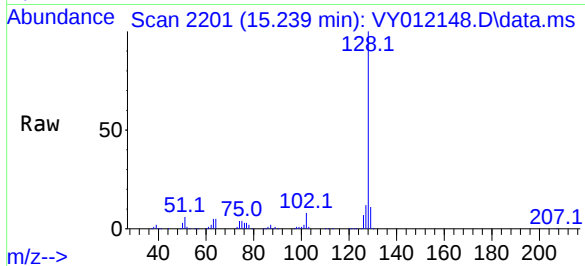




#95  
Naphthalene  
Concen: 52.588 ug/l  
RT: 15.239 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:128 Resp: 266156  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.2  
129 10.9 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 51.794 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.006 min  
Lab File: VY012148.D  
Acq: 10 Jan 2023 17:46

Tgt Ion:180 Resp: 115163  
Ion Ratio Lower Upper  
180 100  
182 95.3 47.9 143.7  
145 32.2 16.1 48.2

