

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY021523\  
 Data File : VY012602.D  
 Acq On : 15 Feb 2023 09:41  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Feb 16 00:46:51 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020723S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 08 01:09:03 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 127554   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 184874   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 171585   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 94316    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.142  | 65    | 85429    | 52.669   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 105.340% |      |
| 35) Dibromofluoromethane    | 7.716  | 113   | 75489    | 56.069   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 112.140% |      |
| 50) Toluene-d8              | 10.179 | 98    | 300843   | 53.684   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 107.360% |      |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 106866   | 54.672   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 109.340% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 40301  | 44.316  | ug/l   | 99  |
| 3) Chloromethane             | 2.113 | 50  | 41178  | 41.434  | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.253 | 62  | 55306  | 44.667  | ug/l   | 96  |
| 5) Bromomethane              | 2.656 | 94  | 42977  | 47.398  | ug/l   | 98  |
| 6) Chloroethane              | 2.796 | 64  | 43896  | 50.933  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.131 | 101 | 121535 | 47.755  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.533 | 74  | 37467  | 49.649  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 3.899 | 101 | 61859  | 48.134  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.094 | 142 | 77250  | 46.367  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 4.960 | 59  | 40842  | 261.197 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 3.881 | 96  | 59054  | 46.506  | ug/l   | 91  |
| 13) Acrolein                 | 3.728 | 56  | 58658  | 307.621 | ug/l   | 98  |
| 14) Allyl chloride           | 4.478 | 41  | 70971  | 45.839  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.161 | 53  | 93822  | 269.482 | ug/l   | 99  |
| 16) Acetone                  | 3.948 | 43  | 105262 | 269.632 | ug/l   | 94  |
| 17) Carbon Disulfide         | 4.198 | 76  | 142272 | 43.196  | ug/l   | 98  |
| 18) Methyl Acetate           | 4.478 | 43  | 46229  | 49.267  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.222 | 73  | 199320 | 53.642  | ug/l   | 97  |
| 20) Methylene Chloride       | 4.716 | 84  | 72279  | 49.519  | ug/l   | 97  |
| 21) trans-1,2-Dichloroethene | 5.222 | 96  | 67327  | 48.616  | ug/l   | 97  |
| 22) Diisopropyl ether        | 6.118 | 45  | 161873 | 51.418  | ug/l   | 96  |
| 23) Vinyl Acetate            | 6.057 | 43  | 518487 | 273.197 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.015 | 63  | 109926 | 48.844  | ug/l   | 99  |
| 25) 2-Butanone               | 6.984 | 43  | 116374 | 268.674 | ug/l   | 97  |
| 26) 2,2-Dichloropropane      | 6.984 | 77  | 124803 | 50.473  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 6.984 | 96  | 82670  | 51.440  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.331 | 49  | 45255  | 55.319  | ug/l   | 98  |
| 29) Tetrahydrofuran          | 7.350 | 42  | 65889  | 281.379 | ug/l   | 97  |
| 30) Chloroform               | 7.508 | 83  | 141202 | 52.039  | ug/l   | 97  |
| 31) Cyclohexane              | 7.789 | 56  | 82161  | 43.811  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 7.697 | 97  | 136674 | 51.907  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 91888  | 50.428  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.069 | 43  | 43682  | 53.127  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 7.898 | 117 | 128680 | 52.608  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.185 | 83  | 105981 | 48.335  | ug/l   | 98  |
| 40) Benzene                  | 8.161 | 78  | 277878 | 51.632  | ug/l   | 97  |

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 Sample : VSTDCCC050  
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Feb 16 00:46:51 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020723S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 08 01:09:03 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 65156    | 144.643  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 95674    | 54.846   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.270  | 43   | 83763    | 54.946   | ug/l   | 99       |
| 44) Trichloroethene           | 8.941  | 130  | 82844    | 50.566   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.215  | 63   | 60525    | 51.864   | ug/l   | 96       |
| 46) Dibromomethane            | 9.307  | 93   | 42713    | 55.276   | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.496  | 83   | 110311   | 55.058   | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.295  | 41   | 38079    | 54.647   | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 12397    | 1162.179 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 239789   | 291.538  | ug/l   | 100      |
| 52) Toluene                   | 10.246 | 92   | 192536   | 52.754   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 107981   | 53.485   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 115214   | 52.735   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 63980    | 56.665   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 82811    | 58.377   | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 101026   | 55.440   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 176869   | 277.395  | ug/l   | 97       |
| 59) 2-Hexanone                | 10.831 | 43   | 180685   | 290.690  | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.983 | 129  | 85770    | 56.987   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 58562    | 55.356   | ug/l   | 96       |
| 64) Tetrachloroethene         | 10.721 | 164  | 76373    | 42.634   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.520 | 112  | 217180   | 53.365   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 88717    | 55.629   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 379928   | 53.176   | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.703 | 106  | 305924   | 107.271  | ug/l   | 99       |
| 69) o-Xylene                  | 12.032 | 106  | 146339   | 53.881   | ug/l   | 98       |
| 70) Styrene                   | 12.044 | 104  | 252467   | 54.811   | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 59872    | 59.394   | ug/l   | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 400380   | 52.469   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 74676    | 54.061   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 73247    | 59.364   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.635 | 75   | 95228    | 90.372   | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 98688    | 53.359   | ug/l   | 96       |
| 78) n-propylbenzene           | 12.672 | 91   | 458481   | 52.201   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 258343   | 51.815   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 346775   | 52.791   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 22534    | 48.224   | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 269676   | 51.561   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.074 | 119  | 304647   | 52.887   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 344571   | 53.311   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.257 | 105  | 435052   | 52.792   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 384386   | 53.767   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 195612   | 53.156   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 192881   | 52.326   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 319653   | 52.316   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.958 | 117  | 66847    | 50.942   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 175932   | 53.144   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 13683    | 55.727   | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 108491   | 52.891   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 65608    | 51.487   | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 226545   | 57.533   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 95490    | 53.781   | ug/l   | 100      |

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ALS Vial : 2 Sample Multiplier: 1

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Quant Title : SW846 8260  
QLast Update : Wed Feb 08 01:09:03 2023  
Response via : Initial Calibration

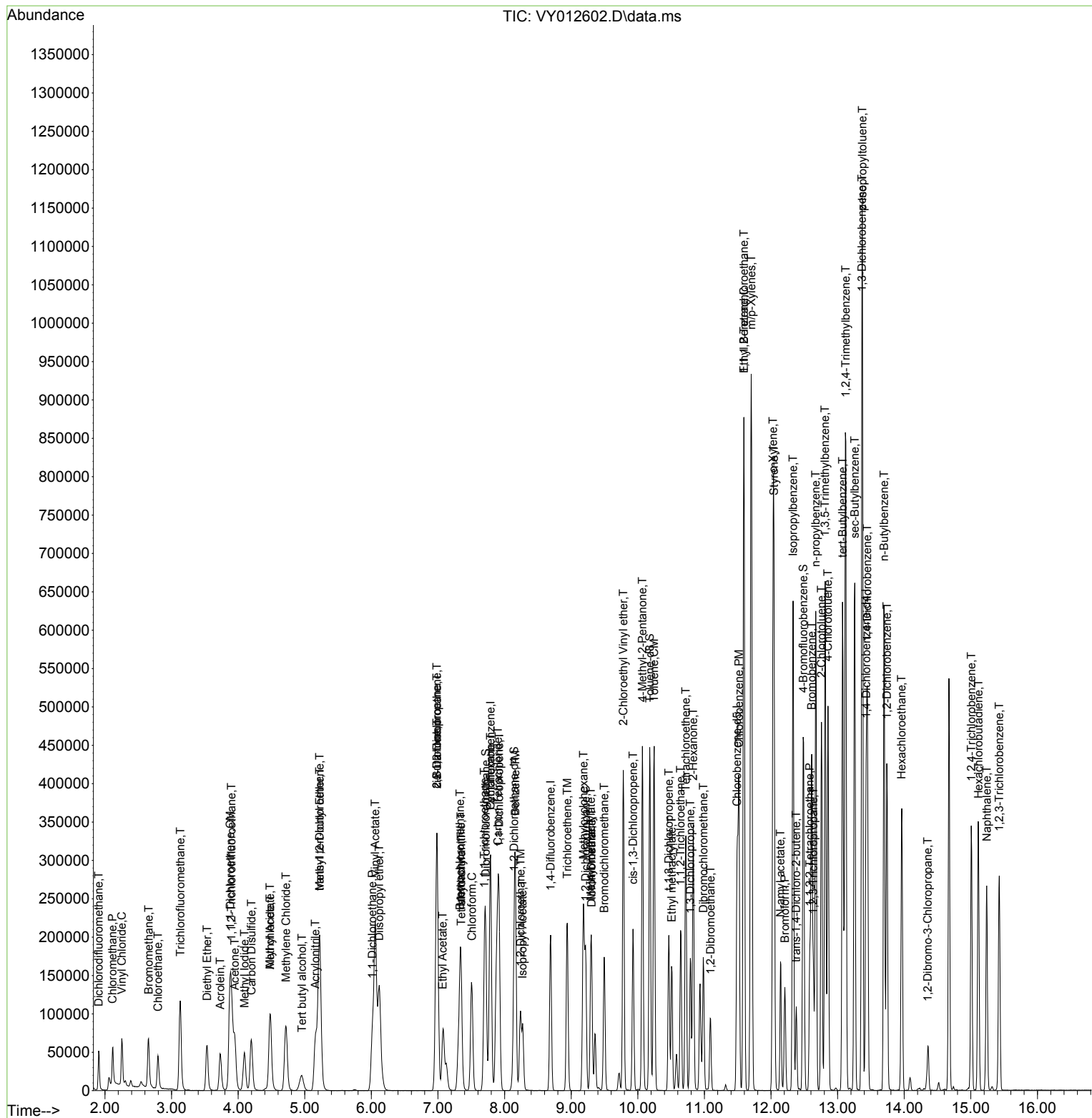
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

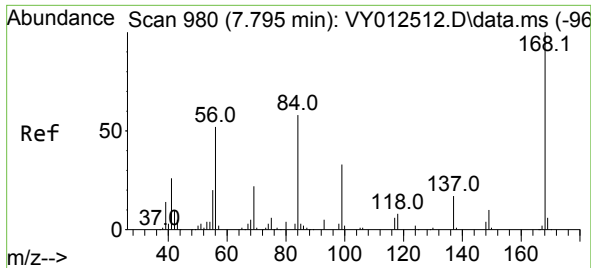
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 ALS Vial : 2 Sample Multiplier: 1

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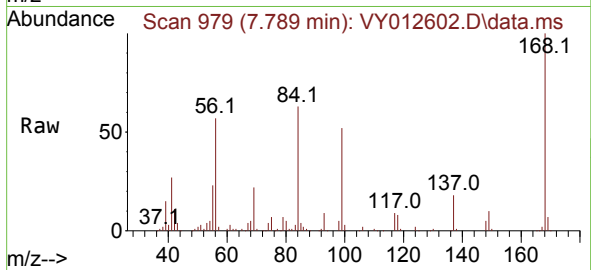
Quant Time: Feb 16 00:46:51 2023  
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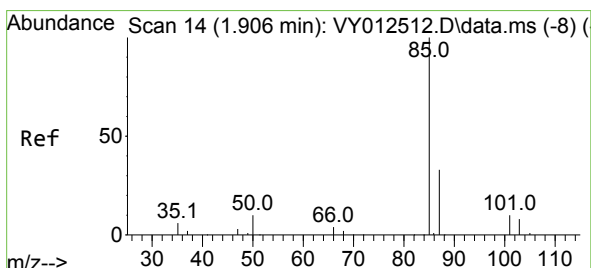
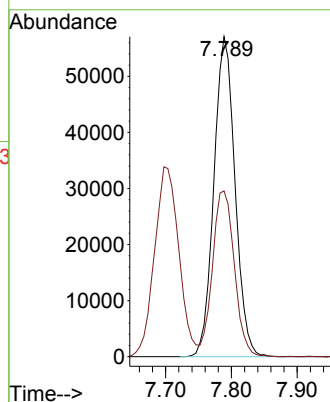
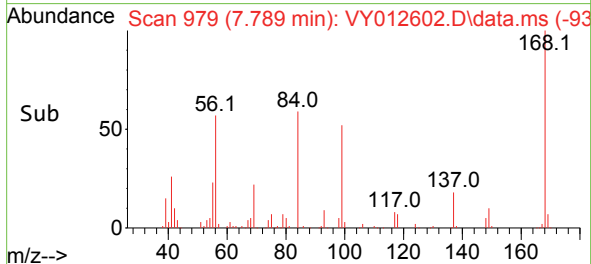


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

Instrument :  
MSVOA\_Y  
ClientSampleId :

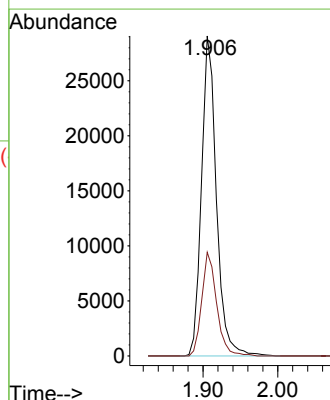
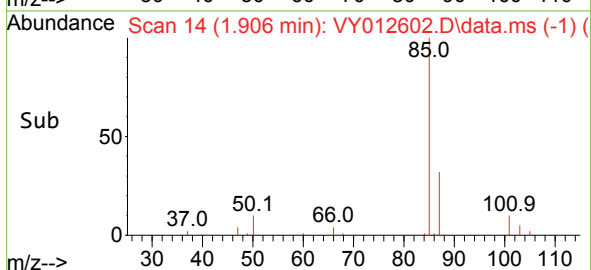
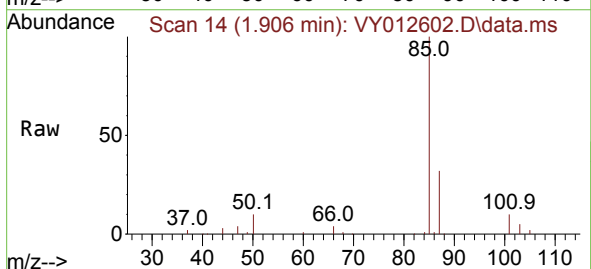


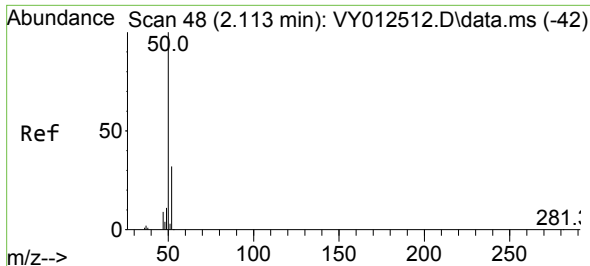
Tgt Ion:168 Resp: 127554  
Ion Ratio Lower Upper  
168 100  
99 51.8 40.8 61.2



#2  
Dichlorodifluoromethane  
Concen: 44.316 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

Tgt Ion: 85 Resp: 40301  
Ion Ratio Lower Upper  
85 100  
87 32.4 16.6 49.8

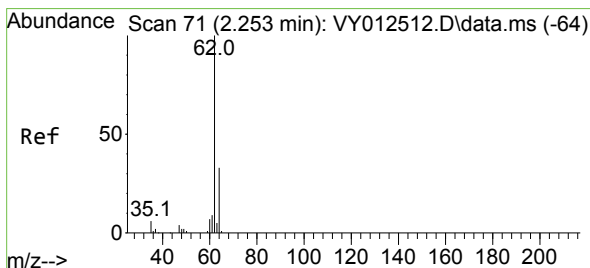
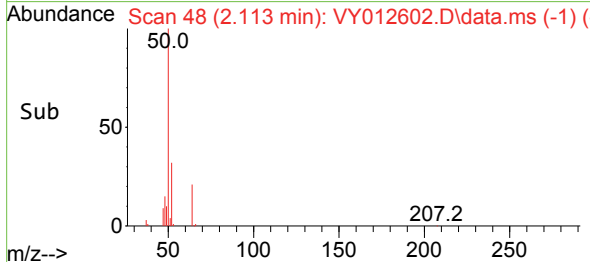
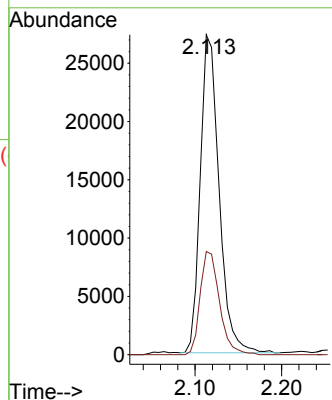
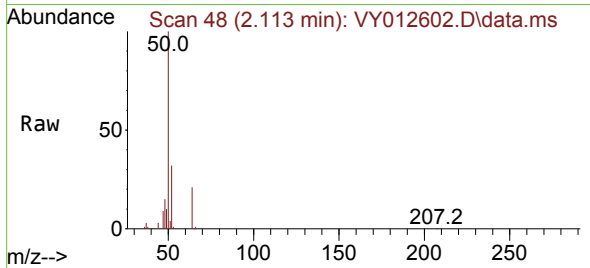




#3  
Chloromethane  
Concen: 41.434 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

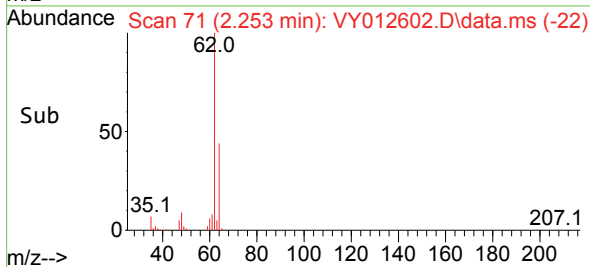
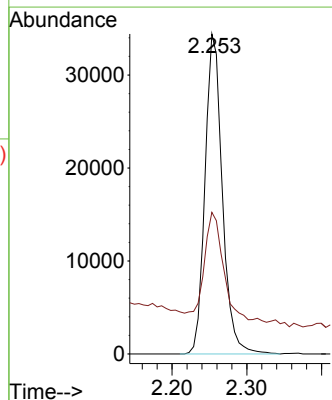
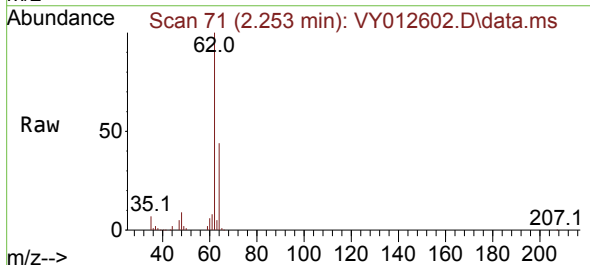
Instrument :  
MSVOA\_Y  
ClientSampleId :

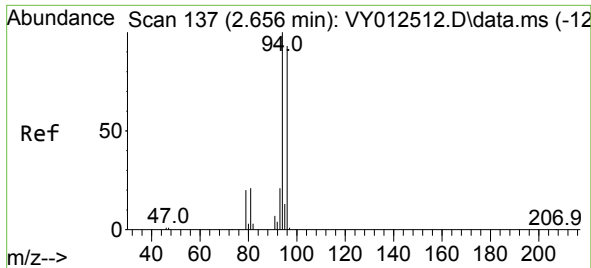
Tgt Ion: 50 Resp: 41178  
Ion Ratio Lower Upper  
50 100  
52 32.4 25.8 38.6



#4  
Vinyl Chloride  
Concen: 44.667 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

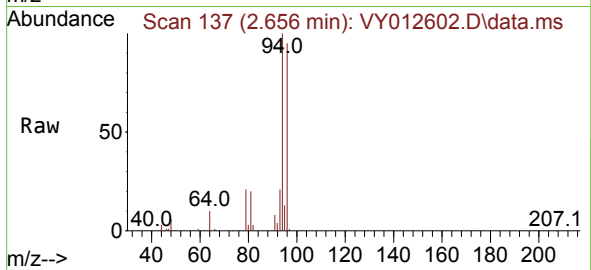
Tgt Ion: 62 Resp: 55306  
Ion Ratio Lower Upper  
62 100  
64 34.8 26.1 39.1



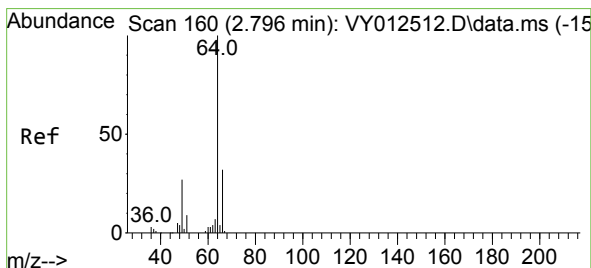
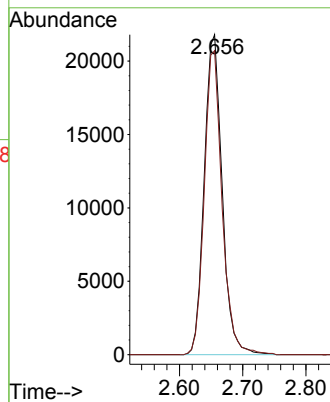
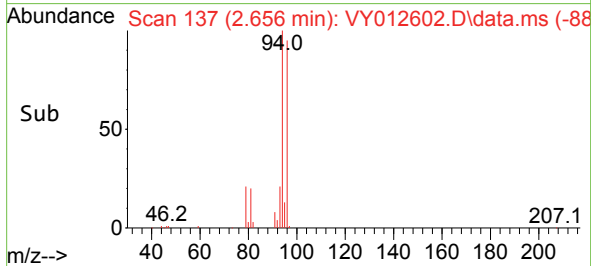


#5  
Bromomethane  
Concen: 47.398 ug/l  
RT: 2.656 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

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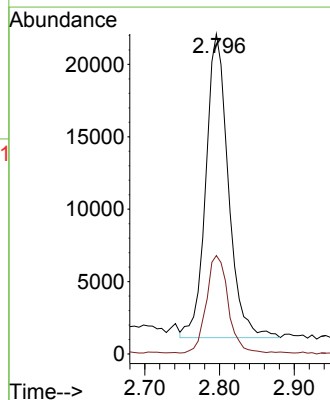
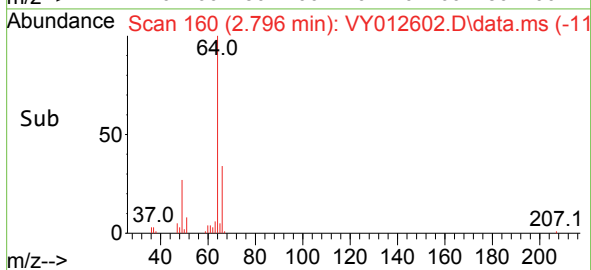
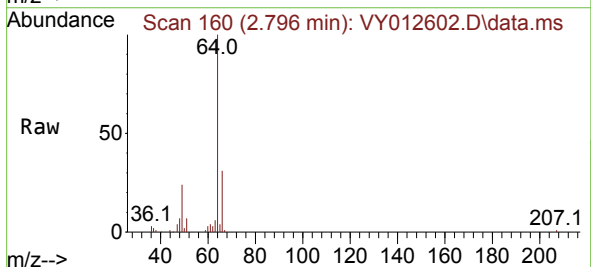


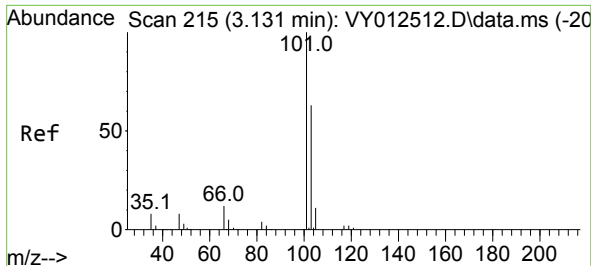
Tgt Ion: 94 Resp: 42977  
Ion Ratio Lower Upper  
94 100  
96 95.0 74.7 112.1



#6  
Chloroethane  
Concen: 50.933 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

Tgt Ion: 64 Resp: 43896  
Ion Ratio Lower Upper  
64 100  
66 32.1 25.7 38.5

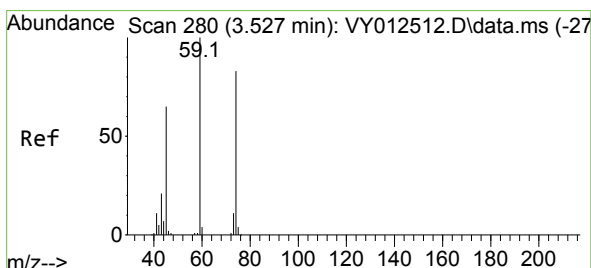
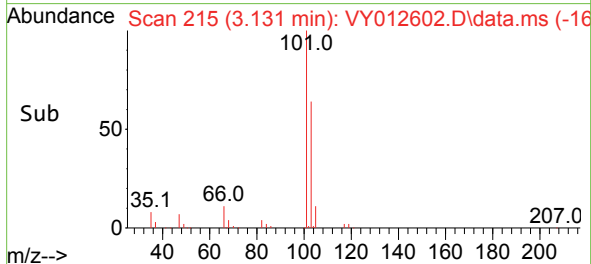
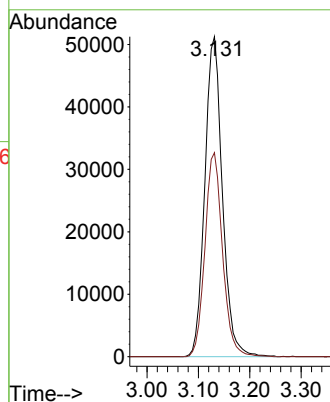
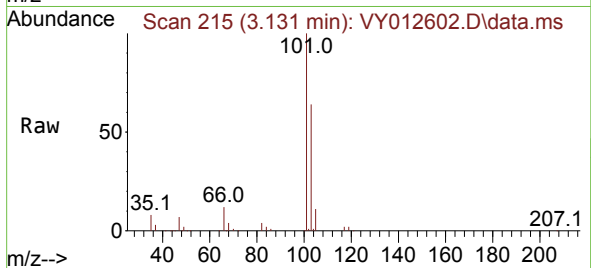




#7  
 Trichlorofluoromethane  
 Concen: 47.755 ug/l  
 RT: 3.131 min Scan# 215  
 Delta R.T. 0.000 min  
 Lab File: VY012602.D  
 Acq: 15 Feb 2023 09:41

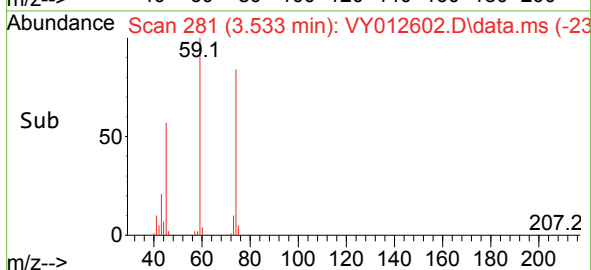
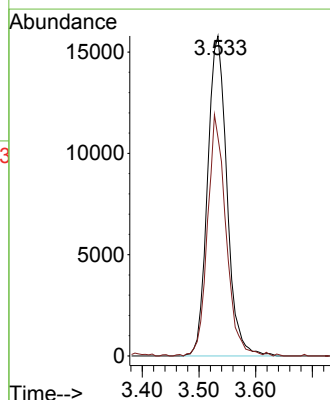
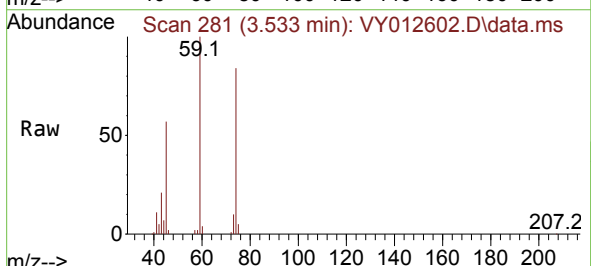
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

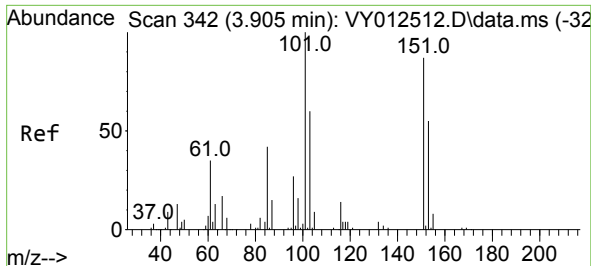
Tgt Ion:101 Resp: 121535  
 Ion Ratio Lower Upper  
 101 100  
 103 63.8 50.1 75.1



#8  
 Diethyl Ether  
 Concen: 49.649 ug/l  
 RT: 3.533 min Scan# 281  
 Delta R.T. 0.006 min  
 Lab File: VY012602.D  
 Acq: 15 Feb 2023 09:41

Tgt Ion: 74 Resp: 37467  
 Ion Ratio Lower Upper  
 74 100  
 45 71.9 37.8 113.4

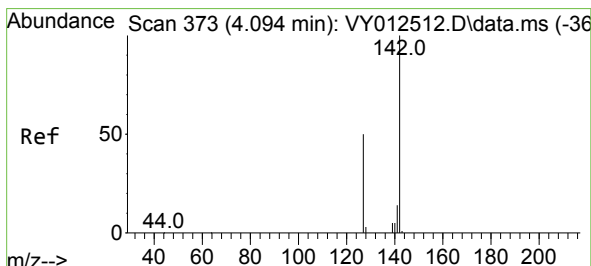
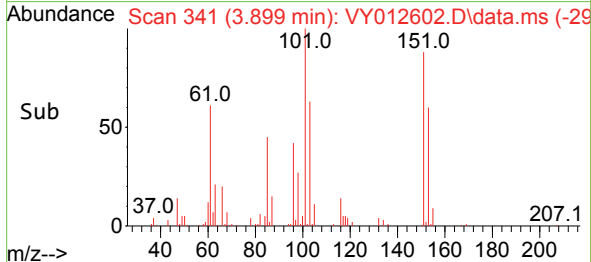
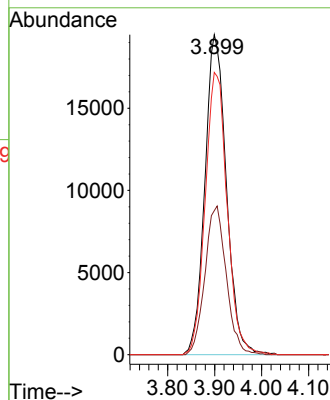
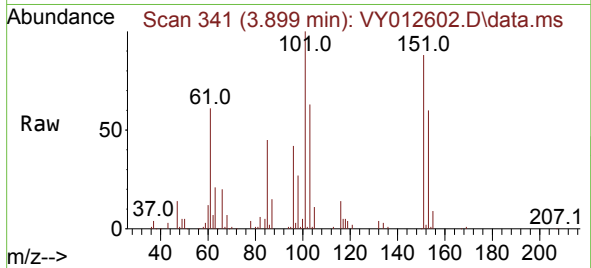




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.134 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. -0.006 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

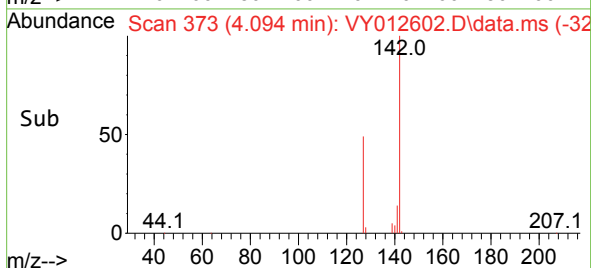
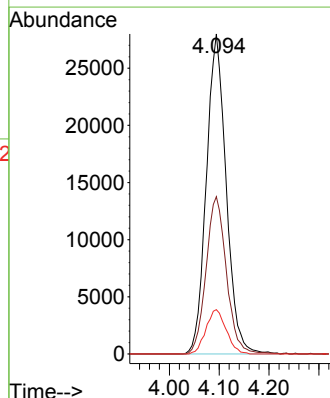
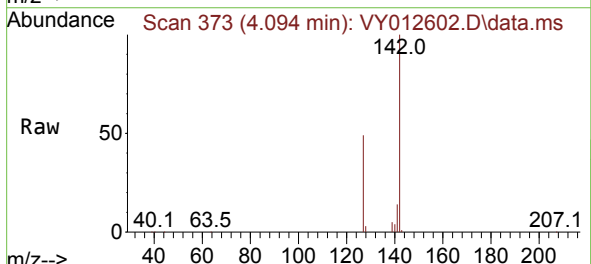
Instrument :  
MSVOA\_Y  
ClientSampleId :

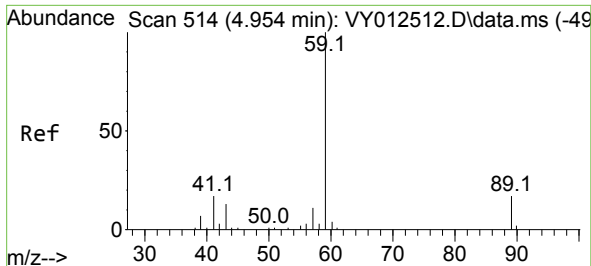
Tgt Ion:101 Resp: 61859  
Ion Ratio Lower Upper  
101 100  
85 46.2 36.1 54.1  
151 90.2 70.7 106.1



#10  
Methyl Iodide  
Concen: 46.367 ug/l  
RT: 4.094 min Scan# 373  
Delta R.T. 0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

Tgt Ion:142 Resp: 77250  
Ion Ratio Lower Upper  
142 100  
127 50.5 39.8 59.6  
141 14.1 11.6 17.4

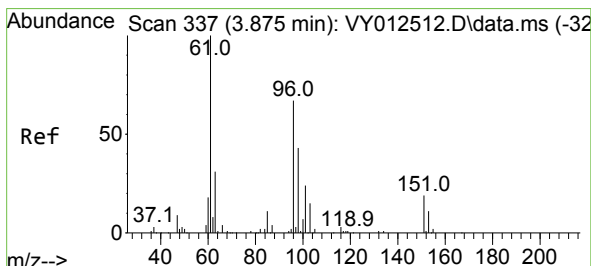
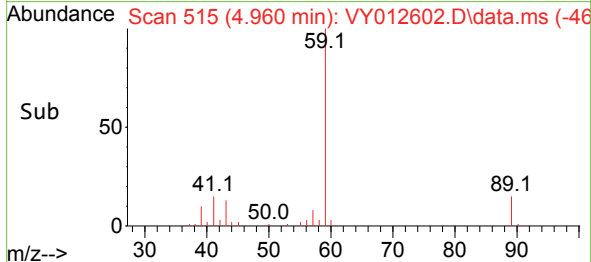
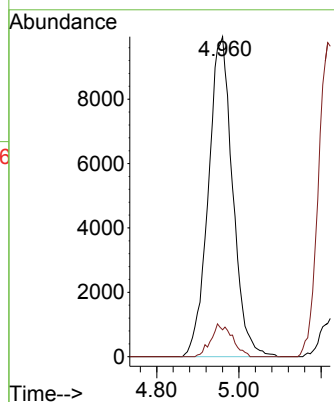
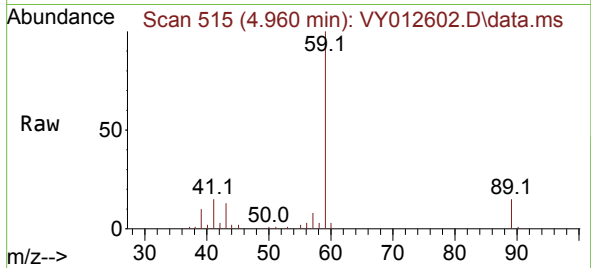




#11  
Tert butyl alcohol  
Concen: 261.197 ug/l  
RT: 4.960 min Scan# 514  
Delta R.T. 0.006 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

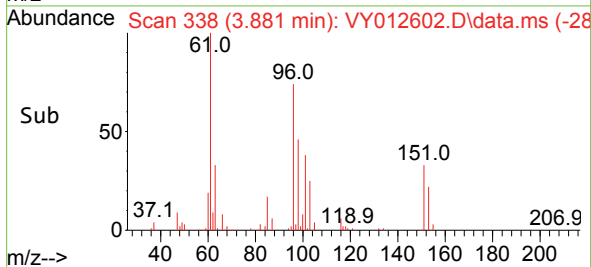
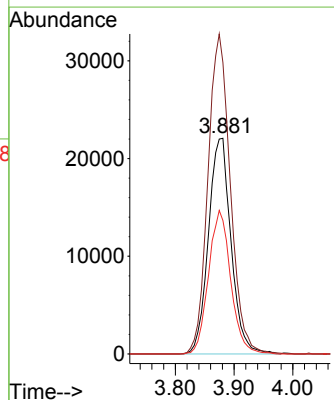
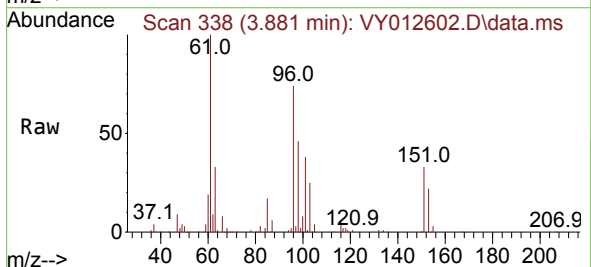
Instrument :  
MSVOA\_Y  
ClientSampleId :

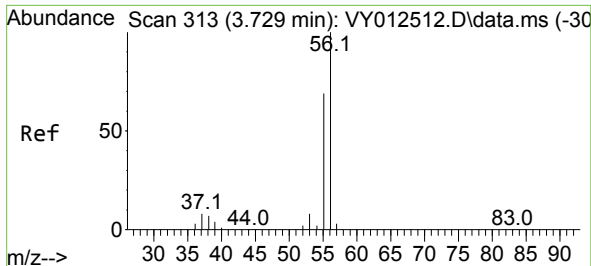
Tgt Ion: 59 Resp: 40842  
Ion Ratio Lower Upper  
59 100  
57 8.9 7.2 10.8



#12  
1,1-Dichloroethene  
Concen: 46.506 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. 0.006 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

Tgt Ion: 96 Resp: 59054  
Ion Ratio Lower Upper  
96 100  
61 135.1 119.4 179.2  
98 61.8 51.9 77.9





#13

Acrolein

Concen: 307.621 ug/l

RT: 3.728 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

Instrument :

MSVOA\_Y

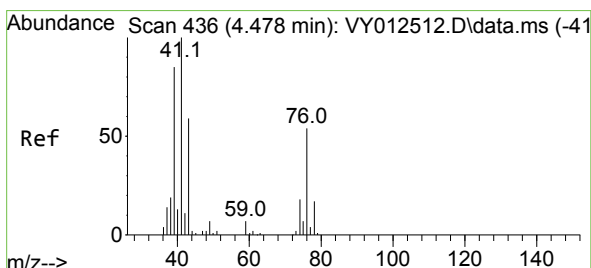
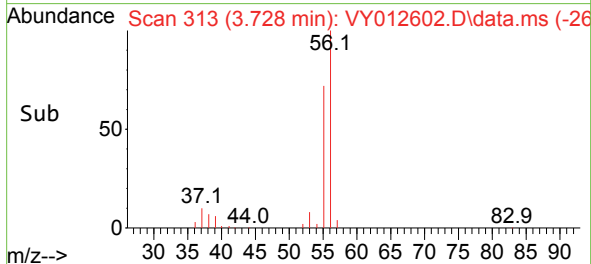
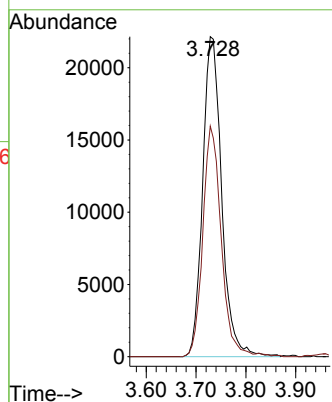
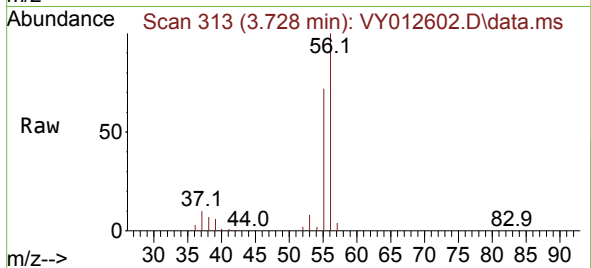
ClientSampleId :

Tgt Ion: 56 Resp: 58658

Ion Ratio Lower Upper

56 100

55 69.5 57.0 85.4



#14

Allyl chloride

Concen: 45.839 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

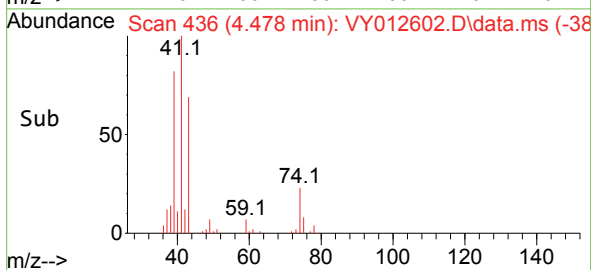
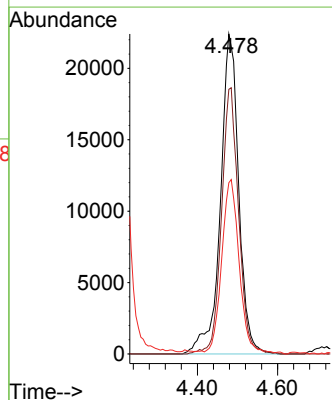
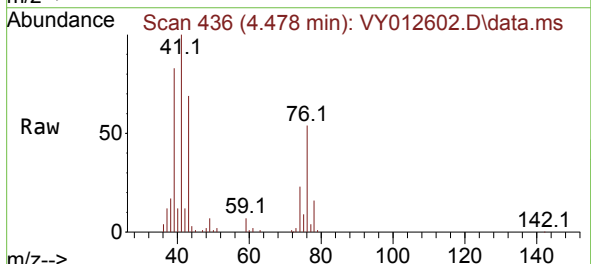
Tgt Ion: 41 Resp: 70971

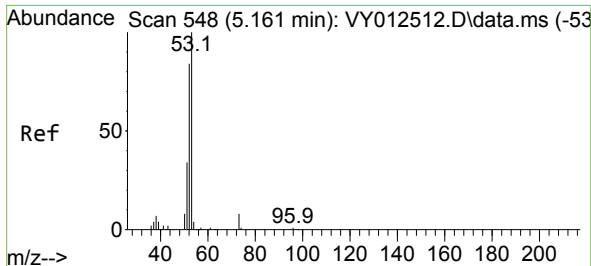
Ion Ratio Lower Upper

41 100

39 77.8 62.6 94.0

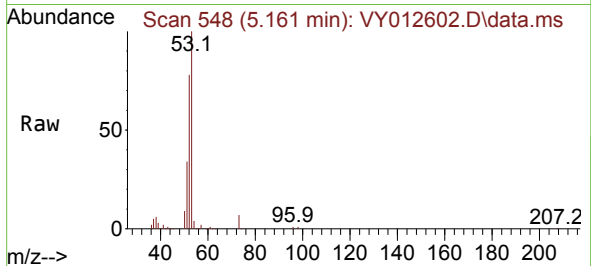
76 50.9 39.6 59.4



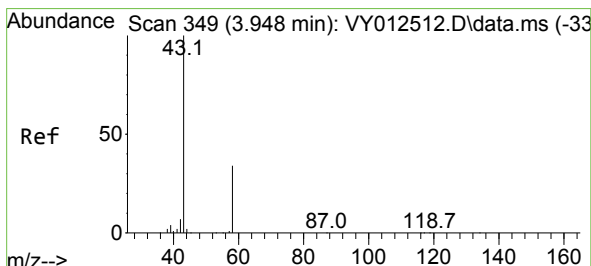
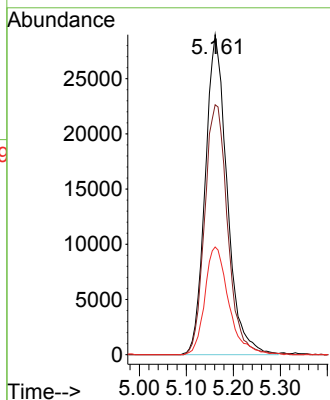
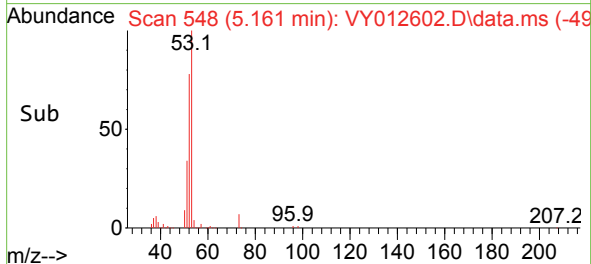


#15  
Acrylonitrile  
Concen: 269.482 ug/l  
RT: 5.161 min Scan# 548  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

Instrument :  
MSVOA\_Y  
ClientSampleId :

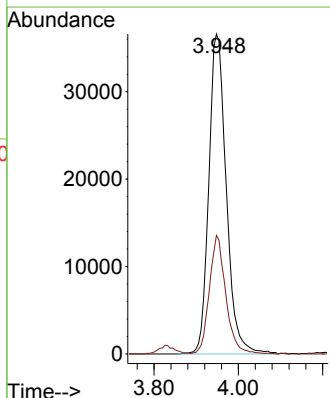
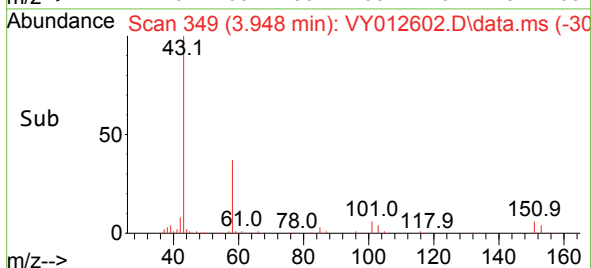
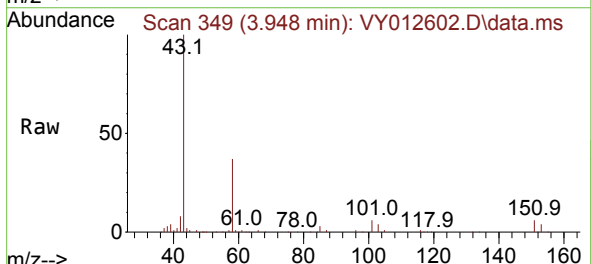


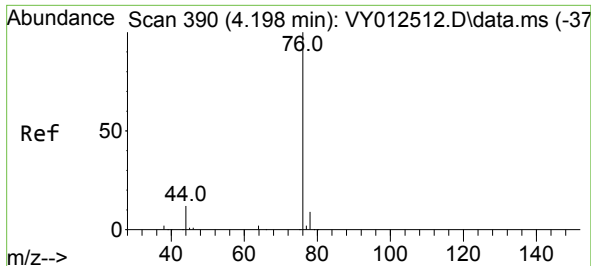
Tgt Ion: 53 Resp: 93822  
Ion Ratio Lower Upper  
53 100  
52 81.7 65.0 97.4  
51 36.7 28.7 43.1



#16  
Acetone  
Concen: 269.632 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

Tgt Ion: 43 Resp: 105262  
Ion Ratio Lower Upper  
43 100  
58 37.1 27.1 40.7

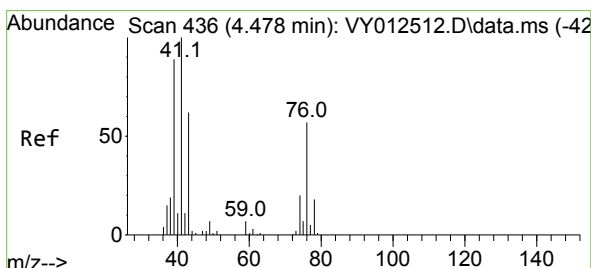
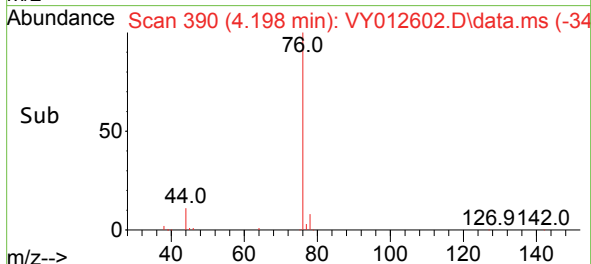
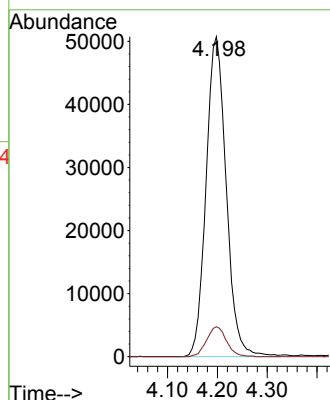
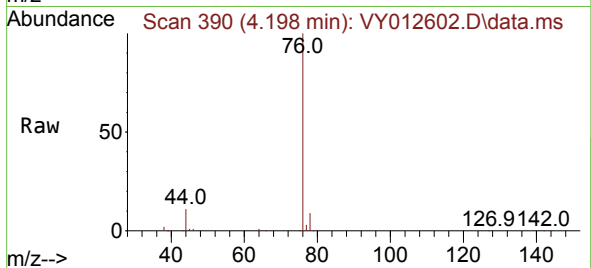




#17  
Carbon Disulfide  
Concen: 43.196 ug/l  
RT: 4.198 min Scan# 390  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

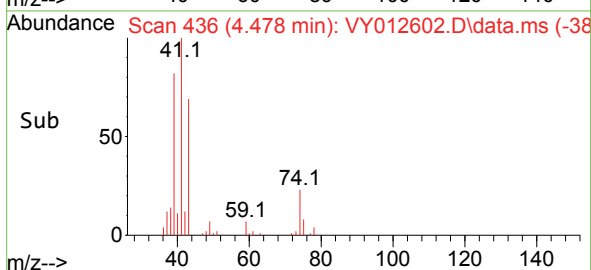
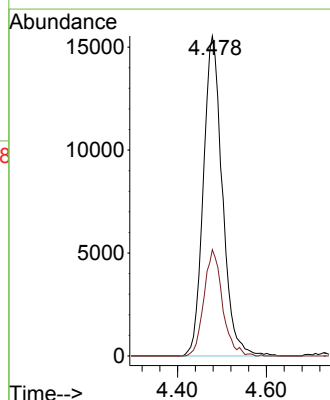
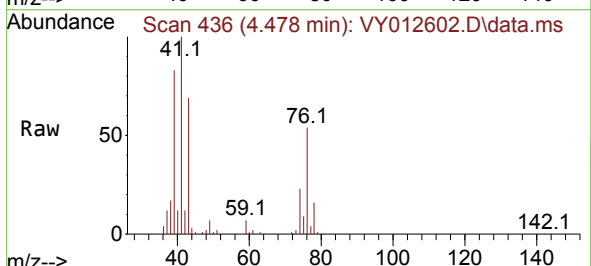
Instrument :  
MSVOA\_Y  
ClientSampleId :

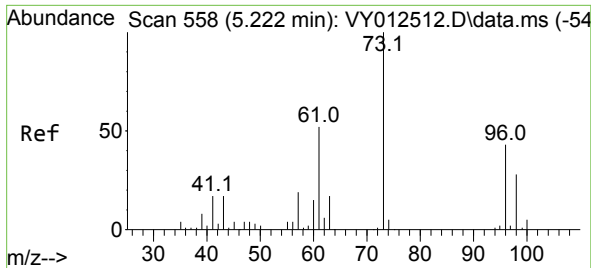
Tgt Ion: 76 Resp: 142272  
Ion Ratio Lower Upper  
76 100  
78 9.4 6.9 10.3



#18  
Methyl Acetate  
Concen: 49.267 ug/l  
RT: 4.478 min Scan# 436  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

Tgt Ion: 43 Resp: 46229  
Ion Ratio Lower Upper  
43 100  
74 32.4 25.6 38.4

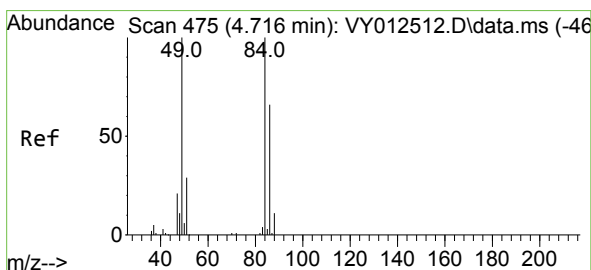
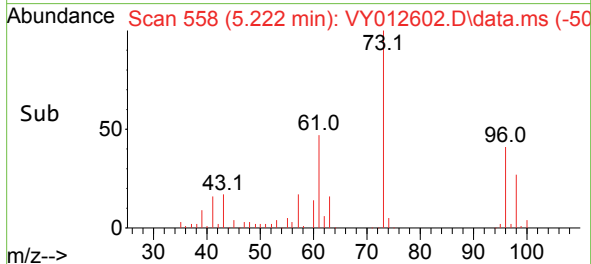
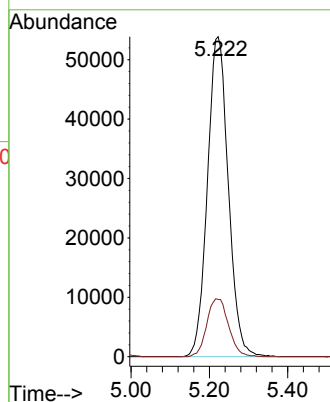
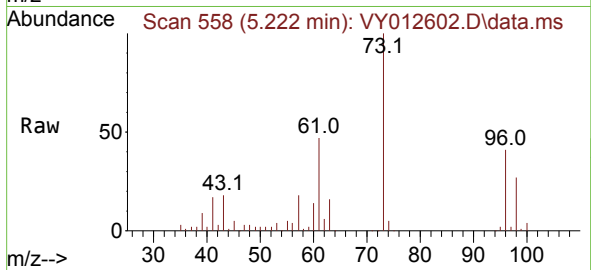




#19  
Methyl tert-butyl Ether  
Concen: 53.642 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

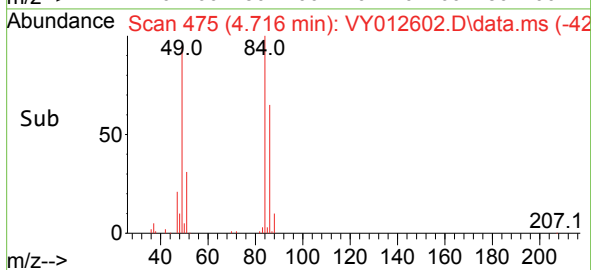
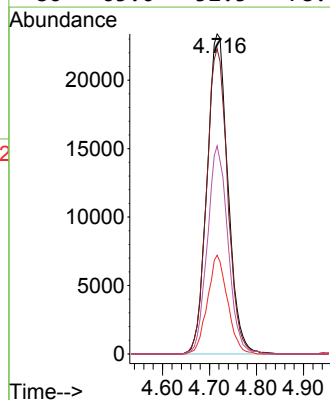
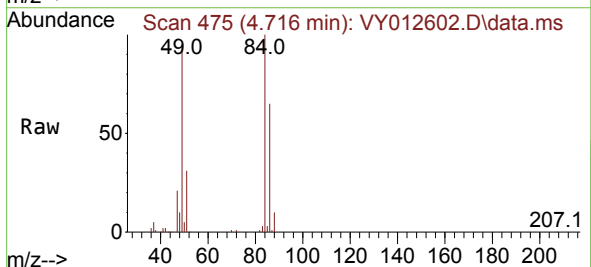
Instrument :  
MSVOA\_Y  
ClientSampleId :

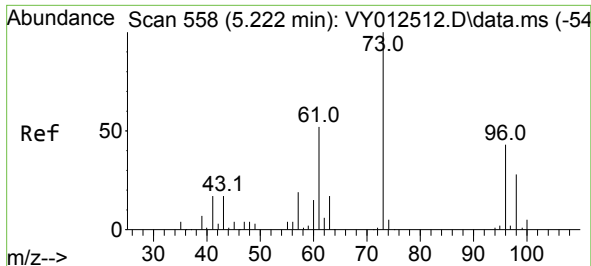
Tgt Ion: 73 Resp: 199320  
Ion Ratio Lower Upper  
73 100  
57 17.9 15.3 22.9



#20  
Methylene Chloride  
Concen: 49.519 ug/l  
RT: 4.716 min Scan# 475  
Delta R.T. 0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

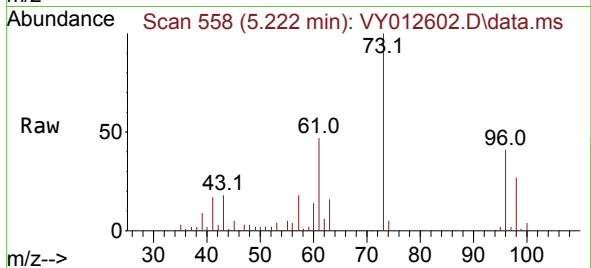
Tgt Ion: 84 Resp: 72279  
Ion Ratio Lower Upper  
84 100  
49 95.3 79.8 119.6  
51 30.9 23.4 35.2  
86 65.0 52.5 78.7



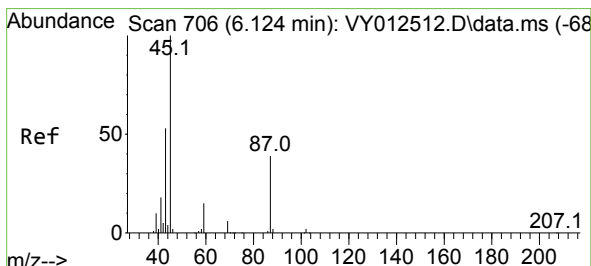
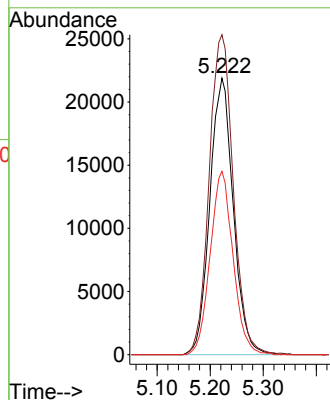
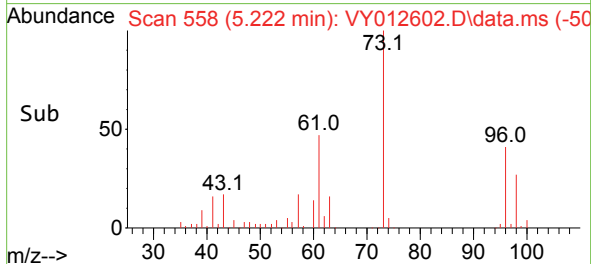


#21  
trans-1,2-Dichloroethene  
Concen: 48.616 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

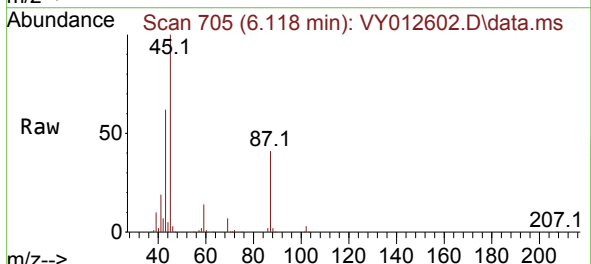
Instrument :  
MSVOA\_Y  
ClientSampleId :



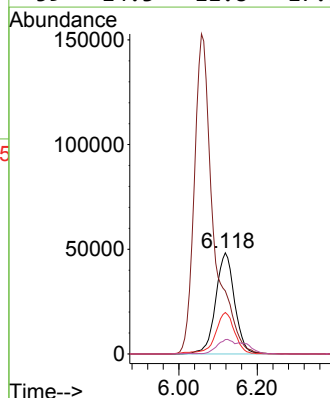
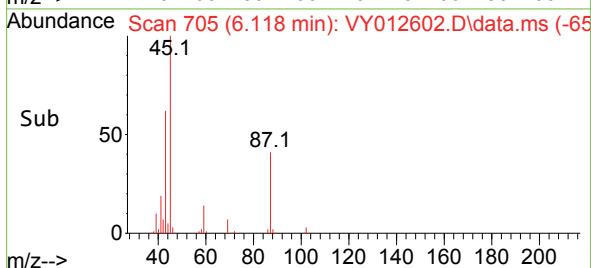
Tgt Ion: 96 Resp: 67327  
Ion Ratio Lower Upper  
96 100  
61 115.7 96.2 144.4  
98 66.3 51.6 77.4

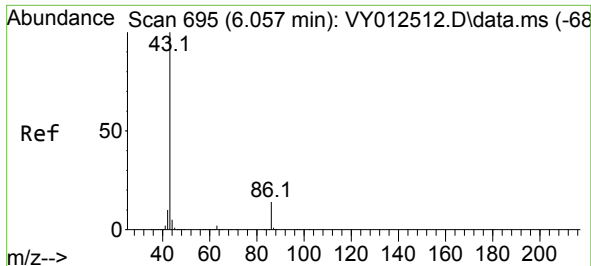


#22  
Diisopropyl ether  
Concen: 51.418 ug/l  
RT: 6.118 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41



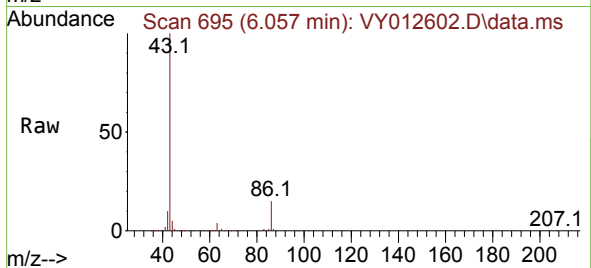
Tgt Ion: 45 Resp: 161873  
Ion Ratio Lower Upper  
45 100  
43 62.0 45.9 68.9  
87 41.0 32.2 48.4  
59 14.3 11.8 17.8



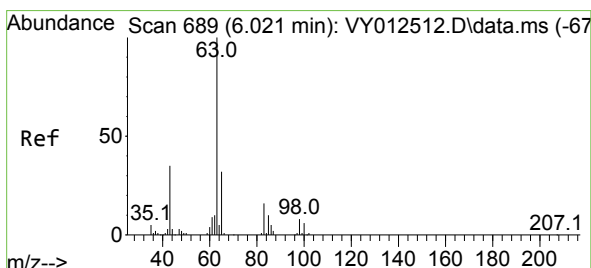
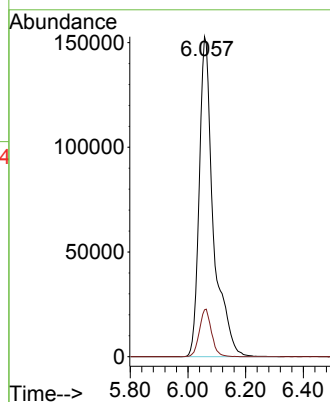
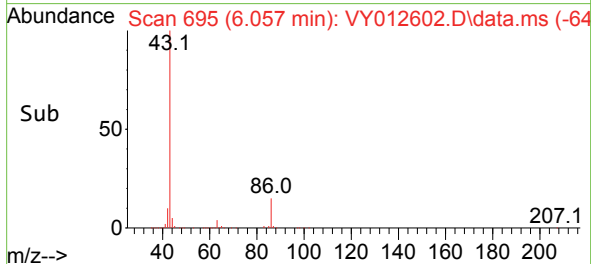


#23  
 Vinyl Acetate  
 Concen: 273.197 ug/l  
 RT: 6.057 min Scan# 695  
 Delta R.T. -0.000 min  
 Lab File: VY012602.D  
 Acq: 15 Feb 2023 09:41

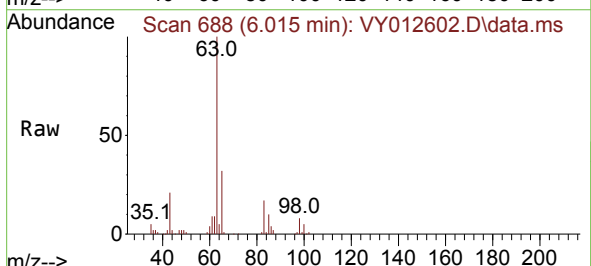
Instrument :  
 MSVOA\_Y  
 ClientSampleId :



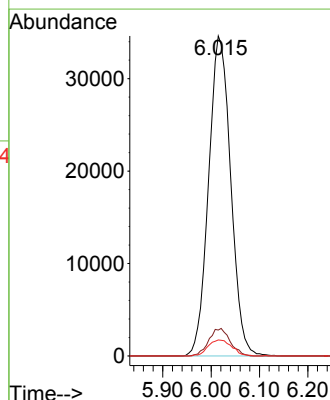
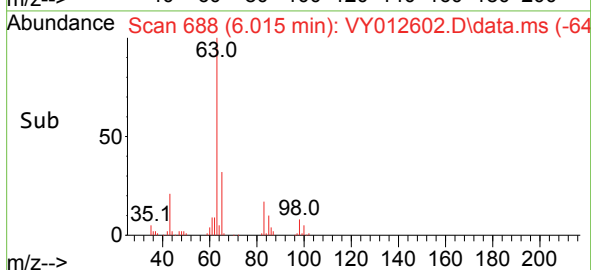
Tgt Ion: 43 Resp: 518487  
 Ion Ratio Lower Upper  
 43 100  
 86 14.6 11.5 17.3

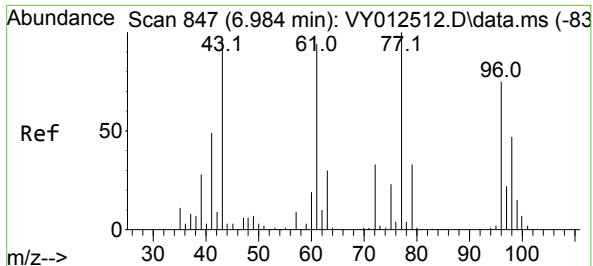


#24  
 1,1-Dichloroethane  
 Concen: 48.844 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. -0.006 min  
 Lab File: VY012602.D  
 Acq: 15 Feb 2023 09:41



Tgt Ion: 63 Resp: 109926  
 Ion Ratio Lower Upper  
 63 100  
 98 8.1 4.1 12.3  
 100 5.0 2.9 8.8





#25

2-Butanone

Concen: 268.674 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

Instrument :

MSVOA\_Y

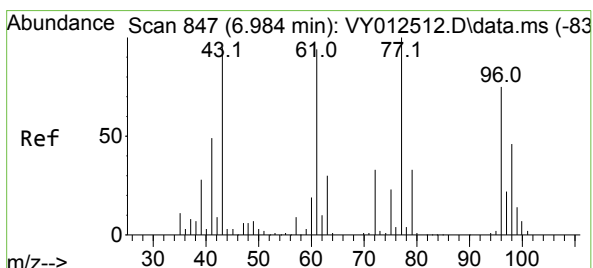
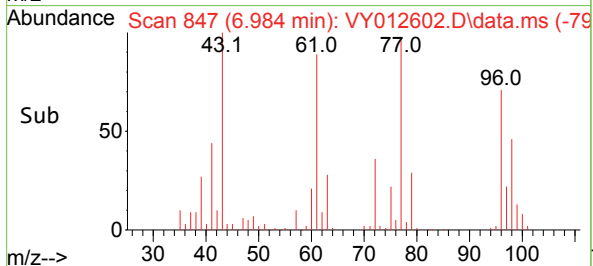
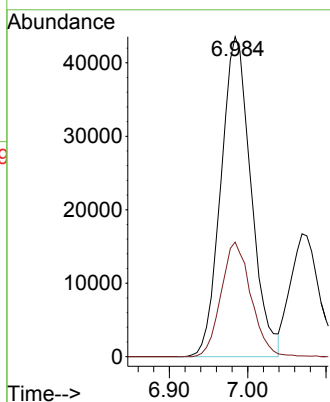
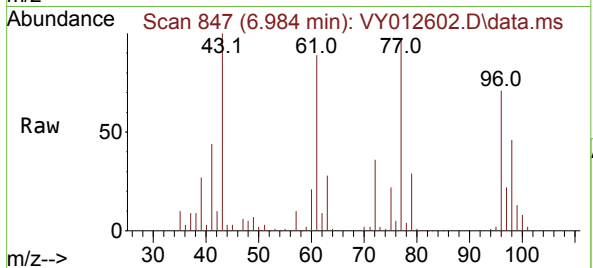
ClientSampleId :

Tgt Ion: 43 Resp: 116374

Ion Ratio Lower Upper

43 100

72 35.8 27.4 41.2



#26

2,2-Dichloropropane

Concen: 50.473 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012602.D

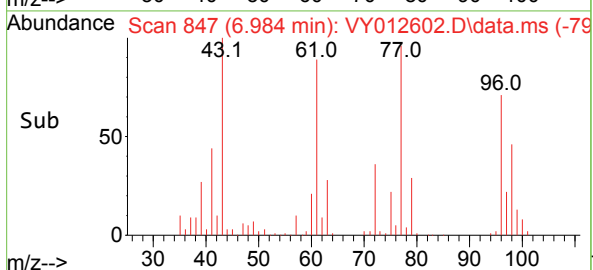
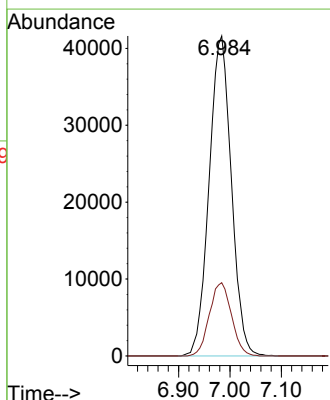
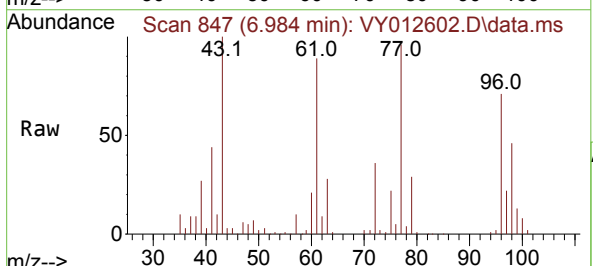
Acq: 15 Feb 2023 09:41

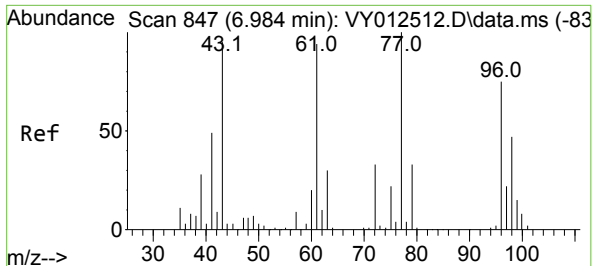
Tgt Ion: 77 Resp: 124803

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.440 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

Instrument :

MSVOA\_Y

ClientSampleId :

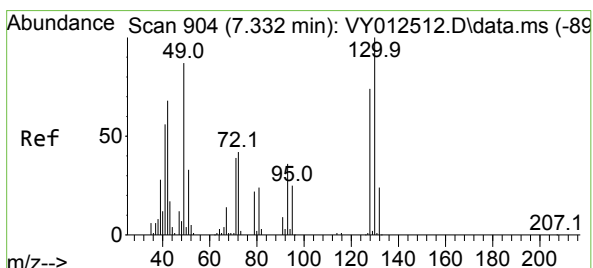
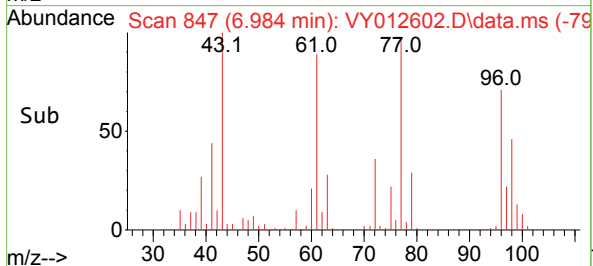
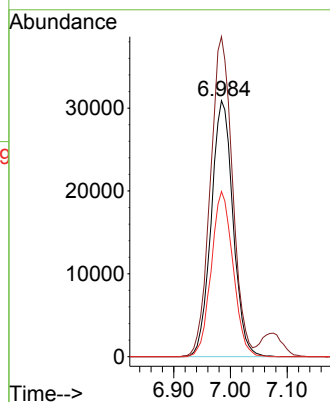
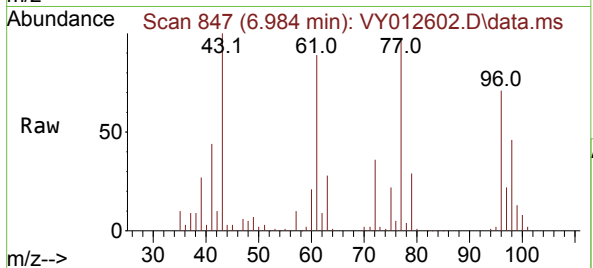
Tgt Ion: 96 Resp: 82670

Ion Ratio Lower Upper

96 100

61 126.7 0.0 259.2

98 64.3 0.0 129.0



#28

Bromochloromethane

Concen: 55.319 ug/l

RT: 7.331 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

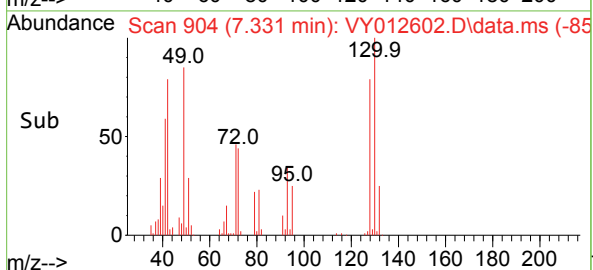
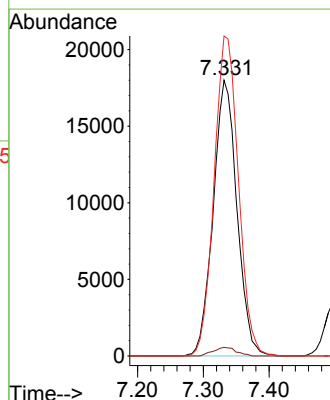
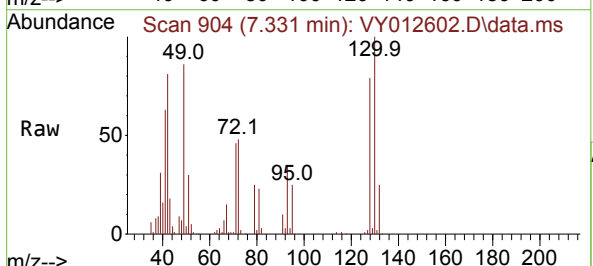
Tgt Ion: 49 Resp: 45255

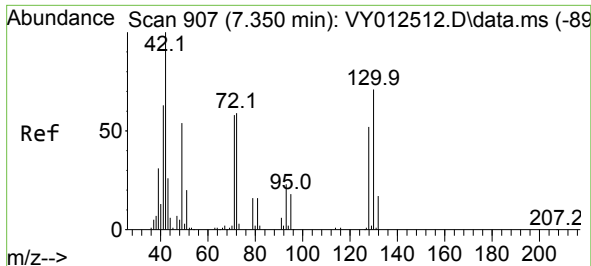
Ion Ratio Lower Upper

49 100

129 3.0 0.0 6.0

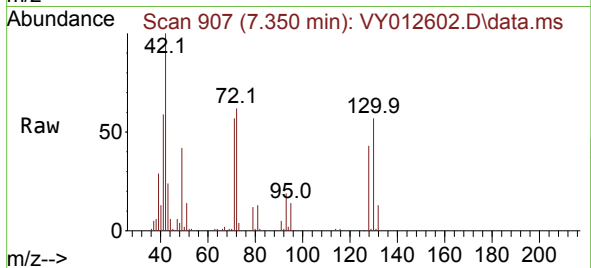
130 118.5 93.1 139.7



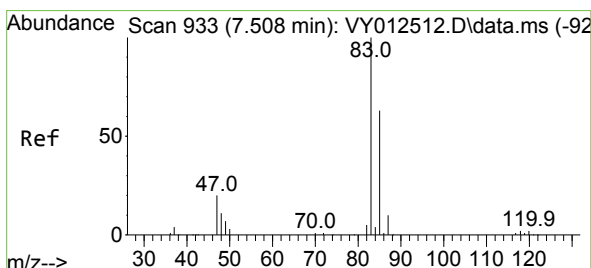
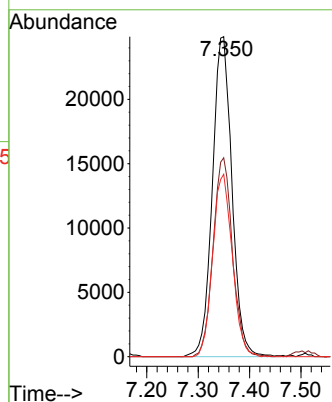
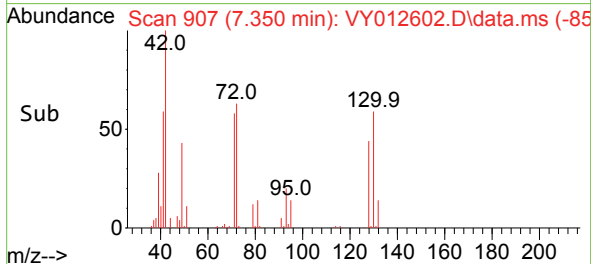


#29  
Tetrahydrofuran  
Concen: 281.379 ug/l  
RT: 7.350 min Scan# 907  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

Instrument :  
MSVOA\_Y  
ClientSampleId :

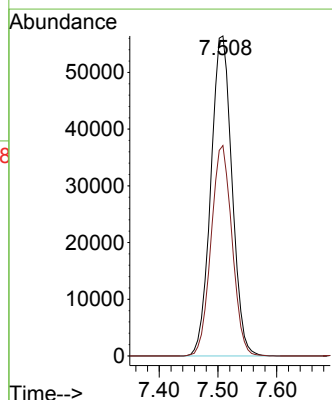
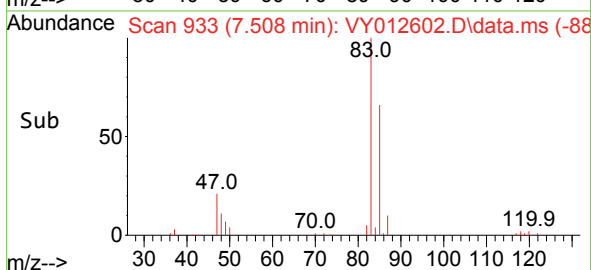
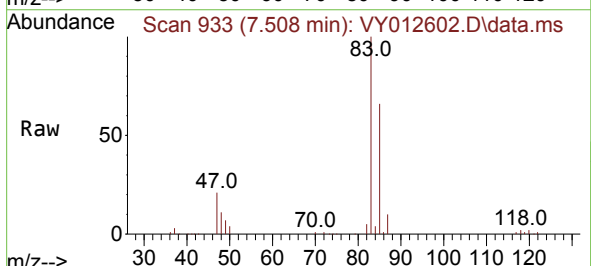


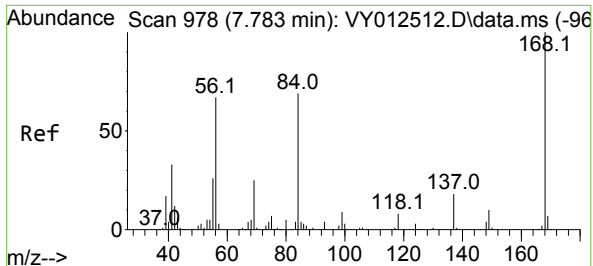
Tgt Ion: 42 Resp: 65889  
Ion Ratio Lower Upper  
42 100  
72 61.5 47.0 70.6  
71 57.1 44.6 66.8



#30  
Chloroform  
Concen: 52.039 ug/l  
RT: 7.508 min Scan# 933  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

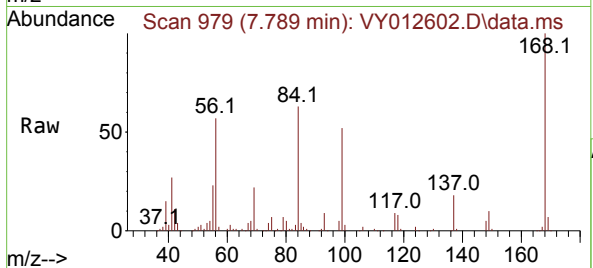
Tgt Ion: 83 Resp: 141202  
Ion Ratio Lower Upper  
83 100  
85 65.7 50.8 76.2



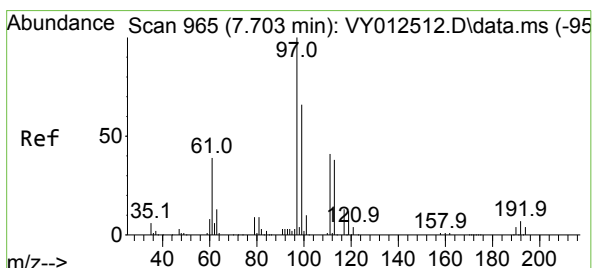
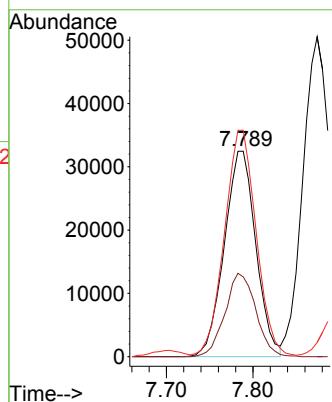
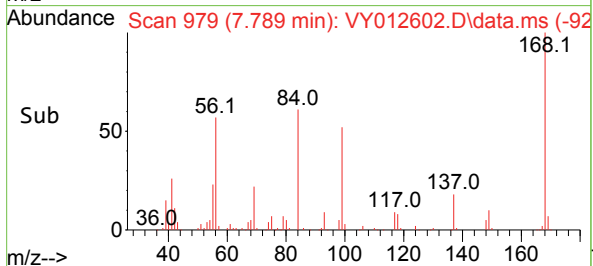


#31  
Cyclohexane  
Concen: 43.811 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

Instrument :  
MSVOA\_Y  
ClientSampleId :

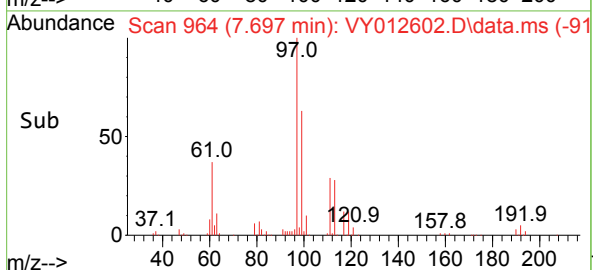
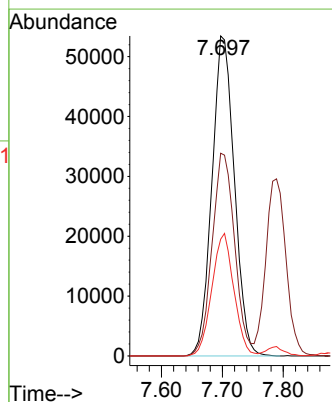
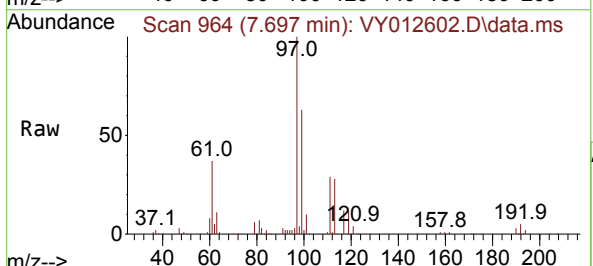


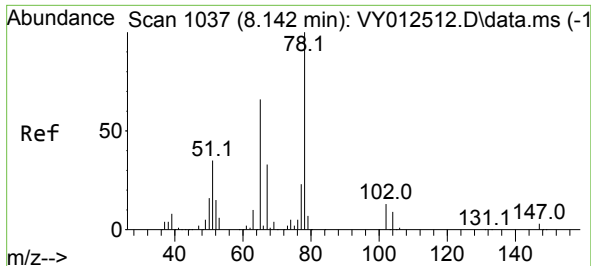
Tgt Ion: 56 Resp: 82161  
Ion Ratio Lower Upper  
56 100  
69 38.9 29.5 44.3  
84 108.0 81.9 122.9



#32  
1,1,1-Trichloroethane  
Concen: 51.907 ug/l  
RT: 7.697 min Scan# 964  
Delta R.T. -0.006 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

Tgt Ion: 97 Resp: 136674  
Ion Ratio Lower Upper  
97 100  
99 64.3 51.1 76.7  
61 37.6 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 52.669 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

Instrument :

MSVOA\_Y

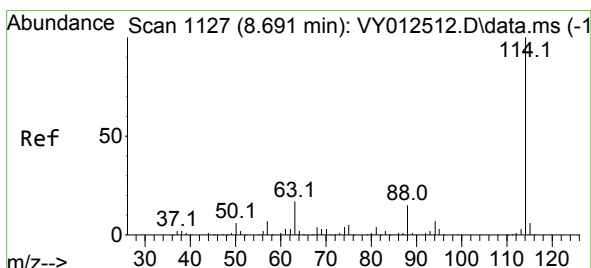
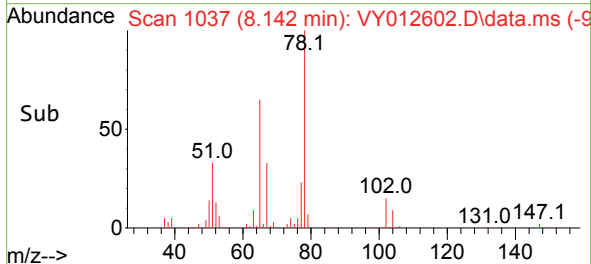
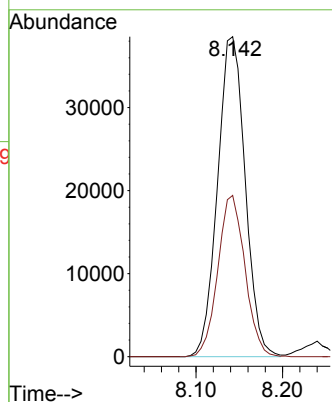
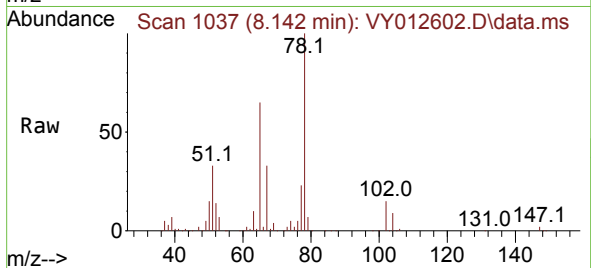
ClientSampleId :

Tgt Ion: 65 Resp: 85429

Ion Ratio Lower Upper

65 100

67 49.5 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

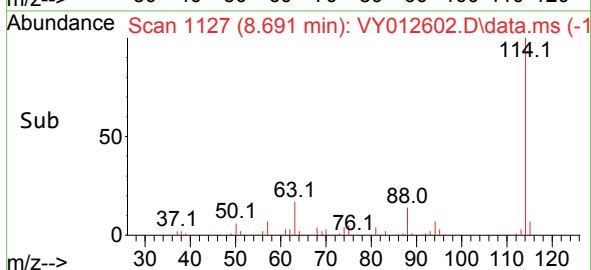
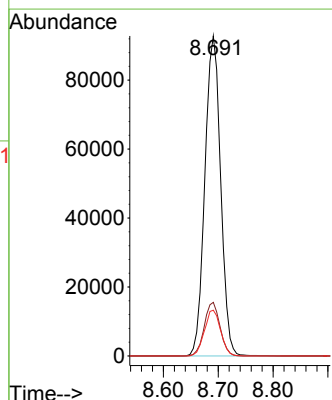
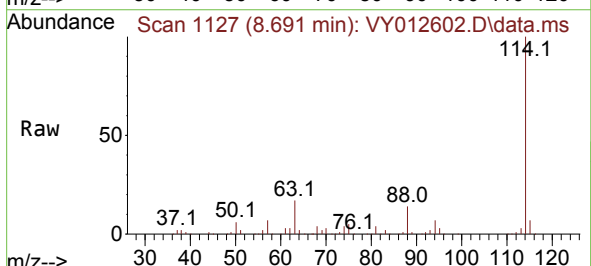
Tgt Ion: 114 Resp: 184874

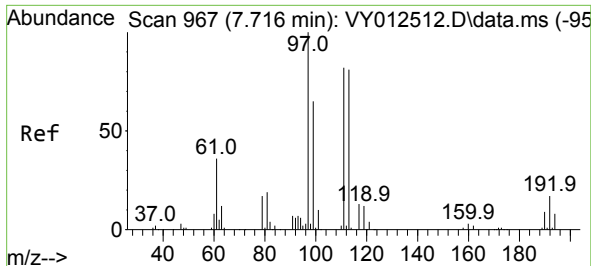
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.6

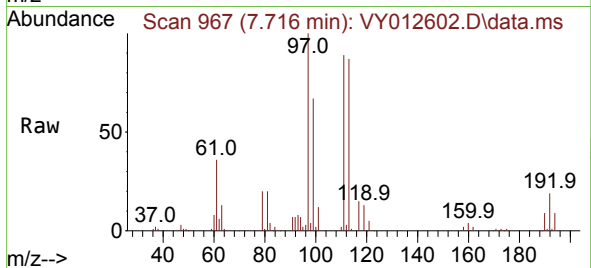
88 14.3 0.0 29.8



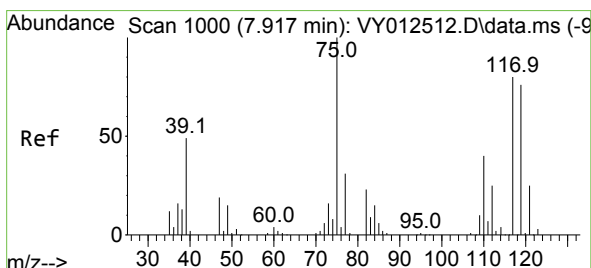
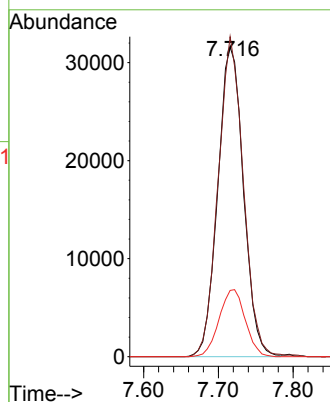
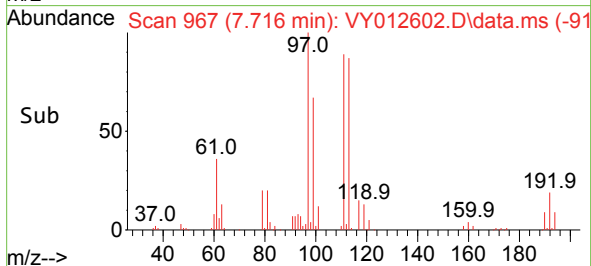


#35  
Dibromofluoromethane  
Concen: 56.069 ug/l  
RT: 7.716 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

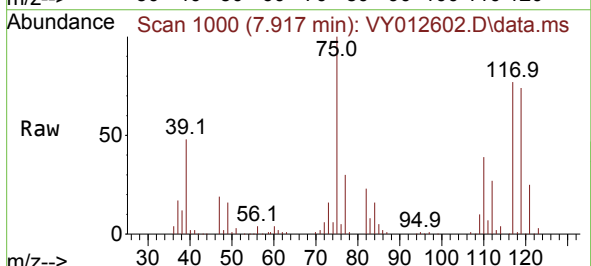
Instrument :  
MSVOA\_Y  
ClientSampleId :



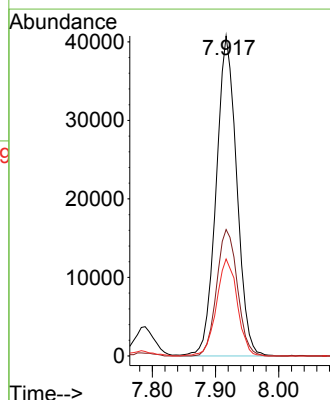
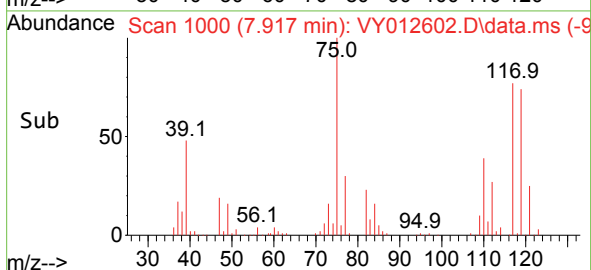
Tgt Ion:113 Resp: 75489  
Ion Ratio Lower Upper  
113 100  
111 101.5 81.9 122.9  
192 22.1 17.5 26.3

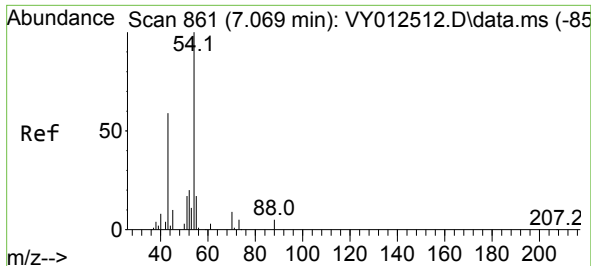


#36  
1,1-Dichloropropene  
Concen: 50.428 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41



Tgt Ion: 75 Resp: 91888  
Ion Ratio Lower Upper  
75 100  
110 39.9 19.5 58.5  
77 30.7 24.9 37.3





#37

Ethyl Acetate

Concen: 53.127 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.000 min

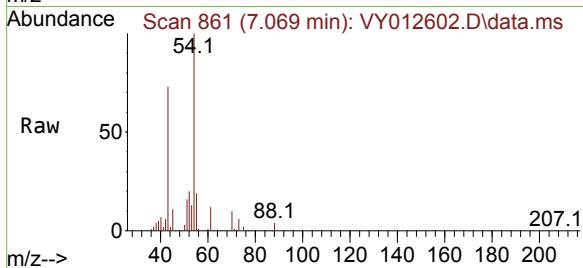
Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

Instrument :

MSVOA\_Y

ClientSampleId :



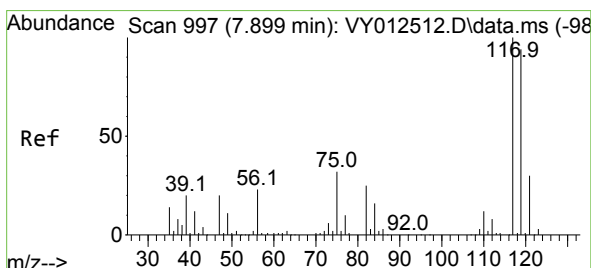
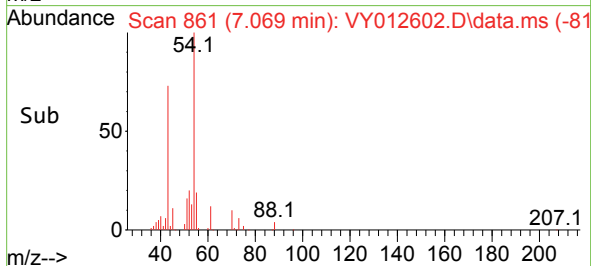
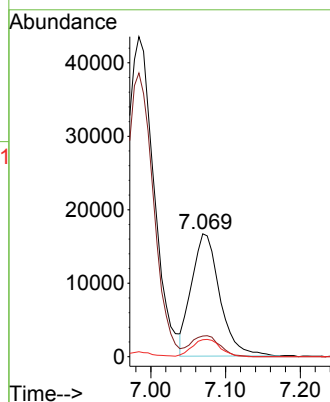
Tgt Ion: 43 Resp: 43682

Ion Ratio Lower Upper

43 100

61 17.8 12.5 18.7

70 14.0 11.0 16.4



#38

Carbon Tetrachloride

Concen: 52.608 ug/l

RT: 7.898 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

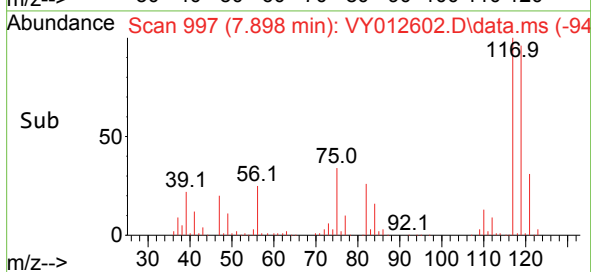
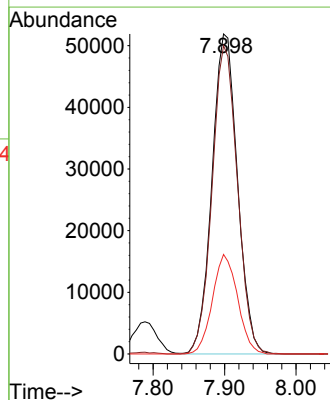
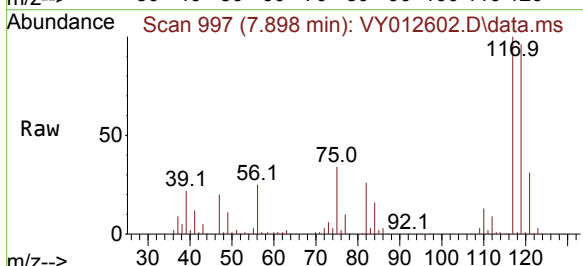
Tgt Ion: 117 Resp: 128680

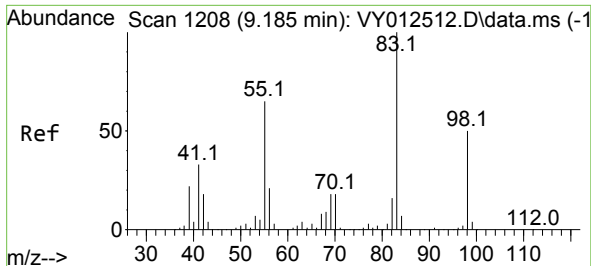
Ion Ratio Lower Upper

117 100

119 96.3 75.1 112.7

121 31.1 24.3 36.5





#39

Methylcyclohexane

Concen: 48.335 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

Instrument :

MSVOA\_Y

ClientSampleId :

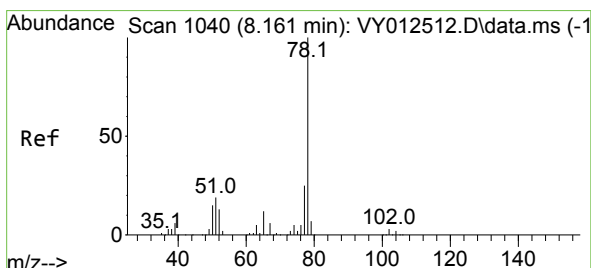
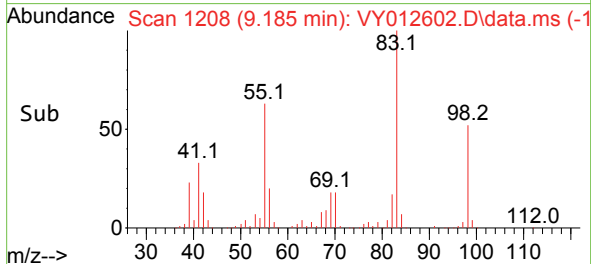
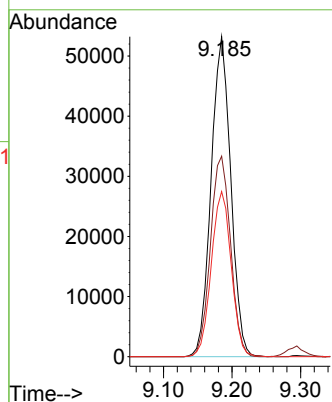
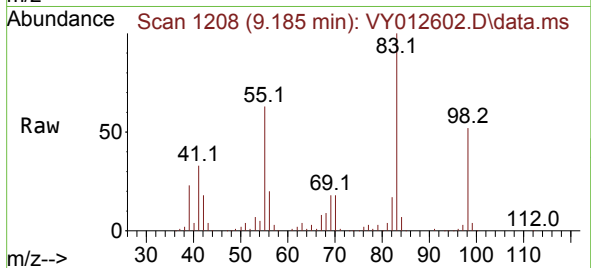
Tgt Ion: 83 Resp: 105981

Ion Ratio Lower Upper

83 100

55 62.6 52.0 78.0

98 51.6 40.4 60.6



#40

Benzene

Concen: 51.632 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012602.D

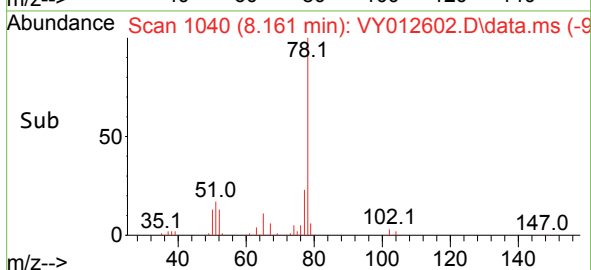
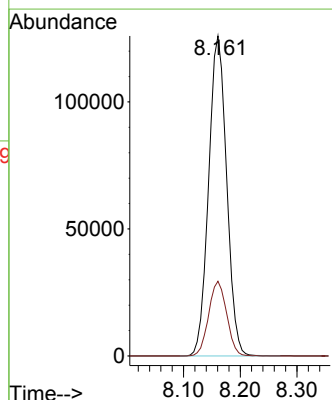
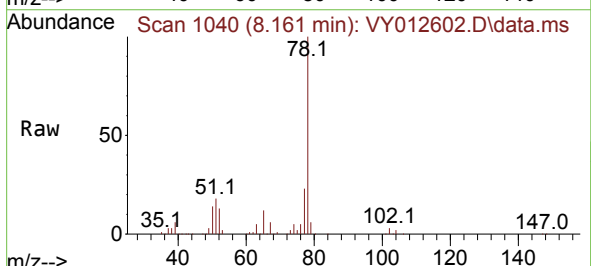
Acq: 15 Feb 2023 09:41

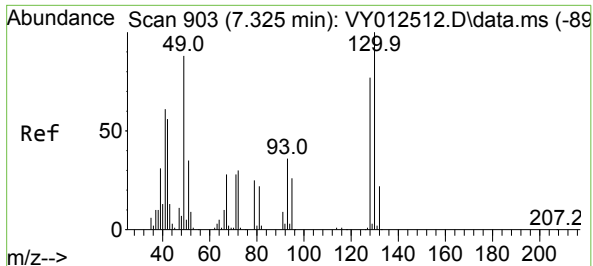
Tgt Ion: 78 Resp: 277878

Ion Ratio Lower Upper

78 100

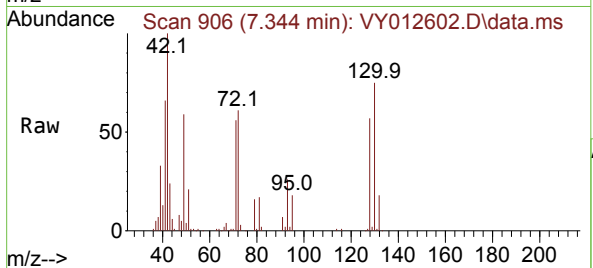
77 23.4 19.9 29.9



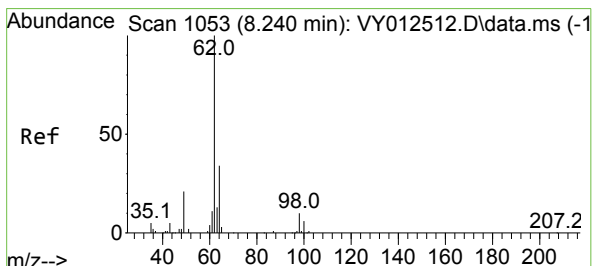
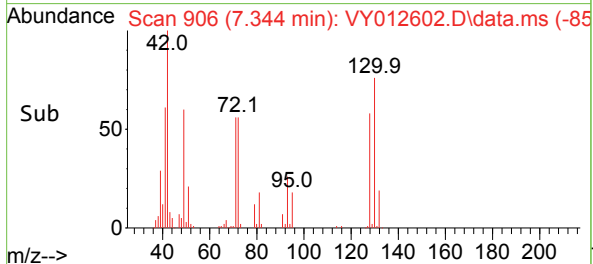
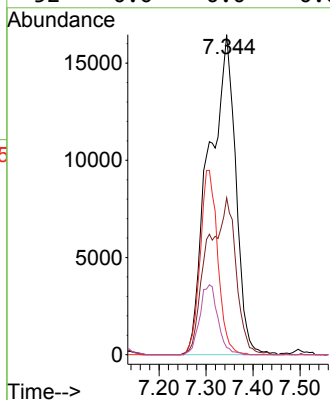


#41  
Methacrylonitrile  
Concen: 144.643 ug/l  
RT: 7.344 min Scan# 903  
Delta R.T. 0.018 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

Instrument :  
MSVOA\_Y  
ClientSampleId :

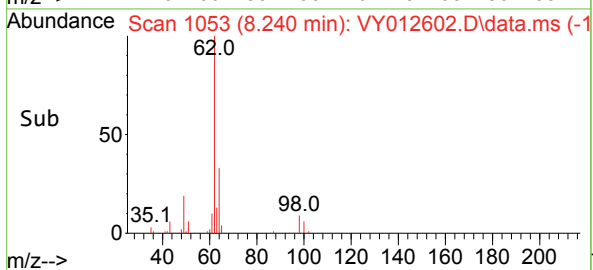
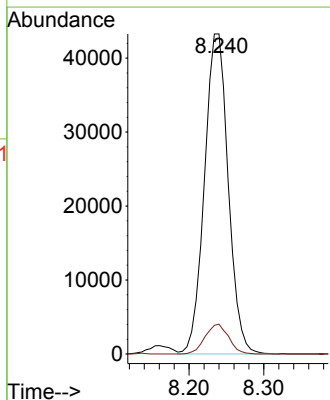
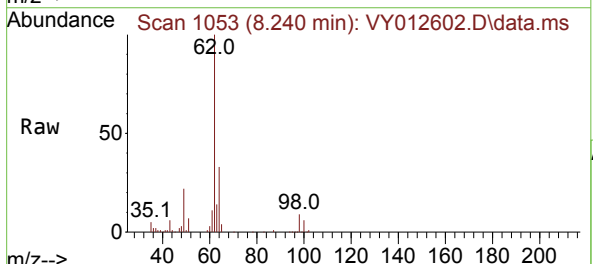


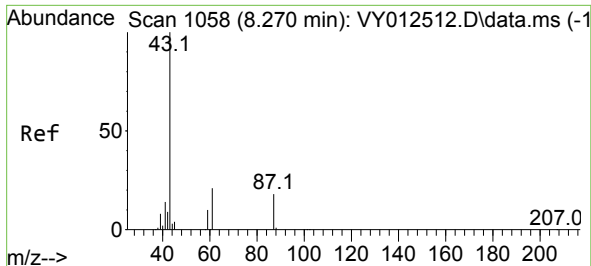
Tgt Ion: 41 Resp: 65156  
Ion Ratio Lower Upper  
41 100  
39 24.4 0.0 0.0#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 54.846 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

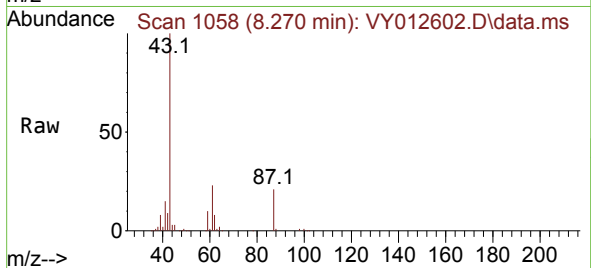
Tgt Ion: 62 Resp: 95674  
Ion Ratio Lower Upper  
62 100  
98 9.2 0.0 19.2



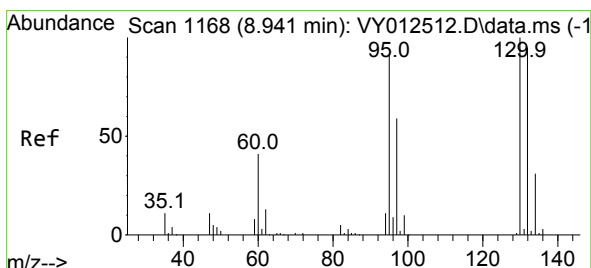
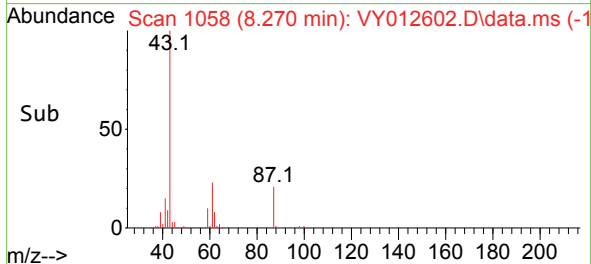
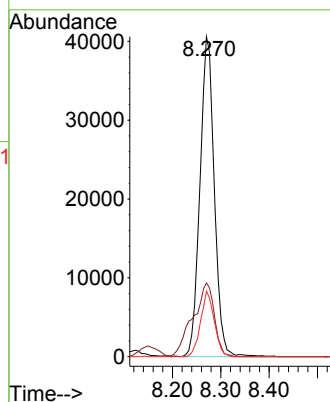


#43  
Isopropyl Acetate  
Concen: 54.946 ug/l  
RT: 8.270 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

Instrument :  
MSVOA\_Y  
ClientSampleId :

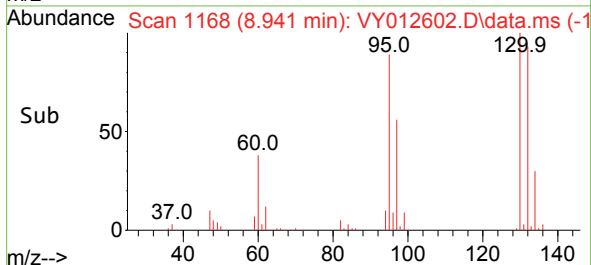
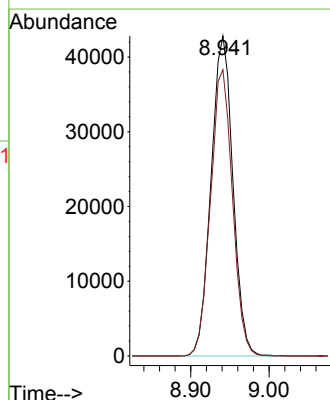
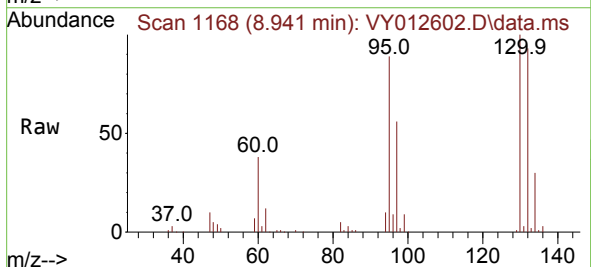


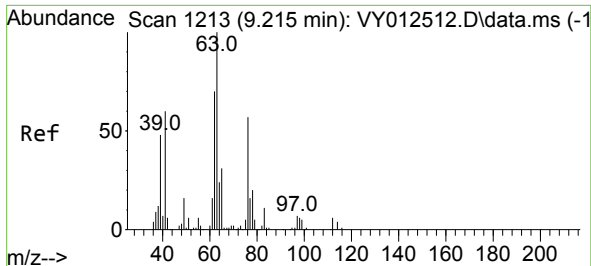
Tgt Ion: 43 Resp: 83763  
Ion Ratio Lower Upper  
43 100  
61 34.2 27.2 40.8  
87 19.4 15.0 22.4



#44  
Trichloroethene  
Concen: 50.566 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

Tgt Ion:130 Resp: 82844  
Ion Ratio Lower Upper  
130 100  
95 89.4 0.0 181.2





#45

1,2-Dichloropropane

Concen: 51.864 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

Instrument :

MSVOA\_Y

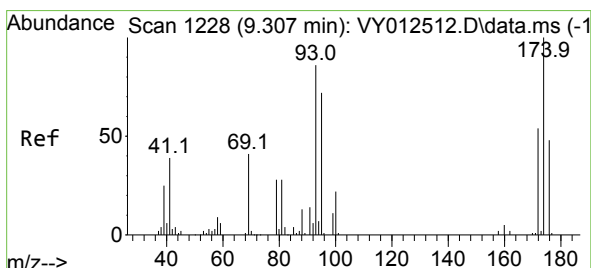
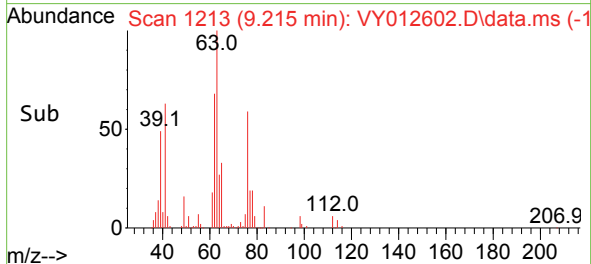
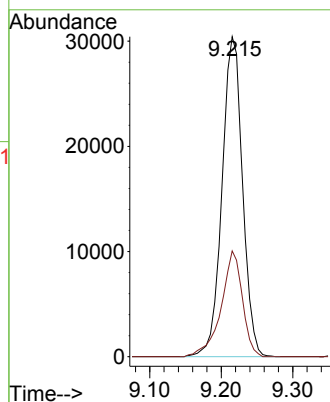
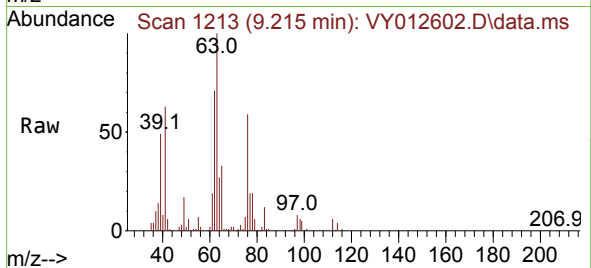
ClientSampleId :

Tgt Ion: 63 Resp: 60525

Ion Ratio Lower Upper

63 100

65 33.0 24.6 37.0



#46

Dibromomethane

Concen: 55.276 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

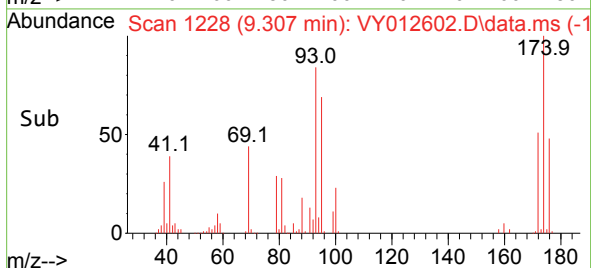
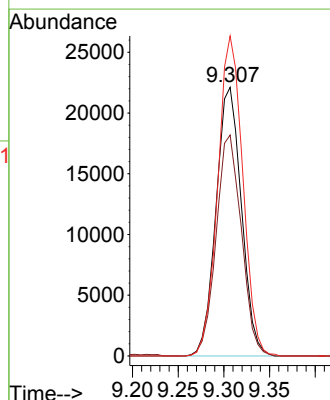
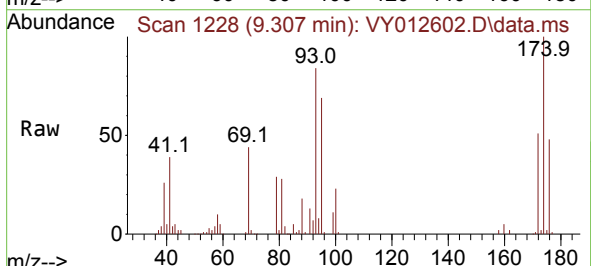
Tgt Ion: 93 Resp: 42713

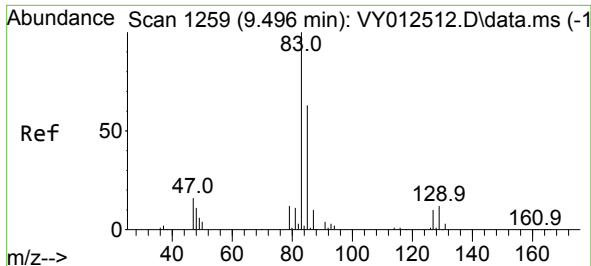
Ion Ratio Lower Upper

93 100

95 81.9 65.8 98.8

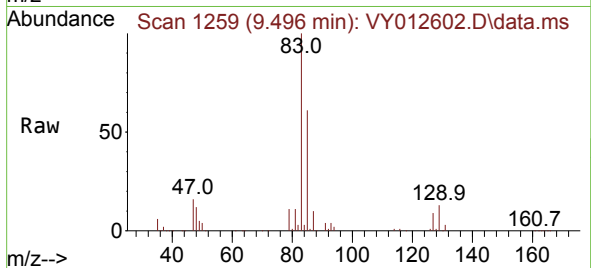
174 117.2 93.4 140.2



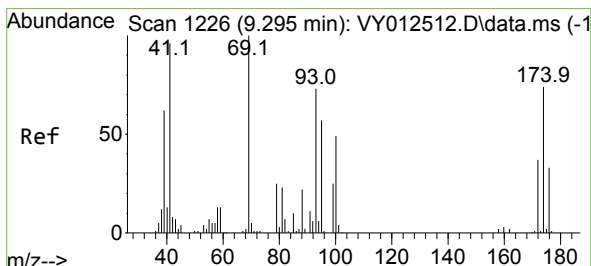
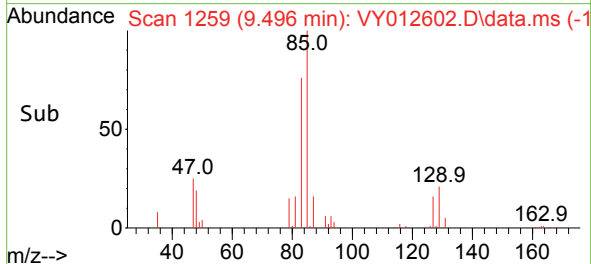
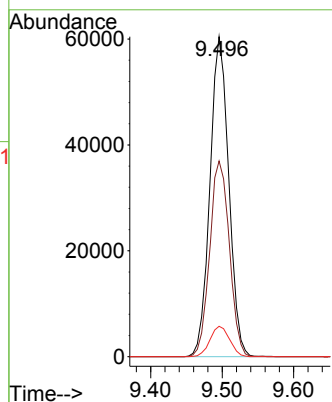


#47  
Bromodichloromethane  
Concen: 55.058 ug/l  
RT: 9.496 min Scan# 110311  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

Instrument :  
MSVOA\_Y  
ClientSampleId :

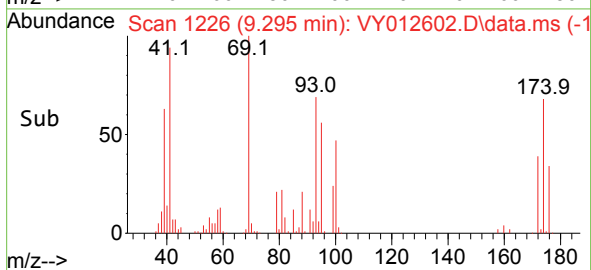
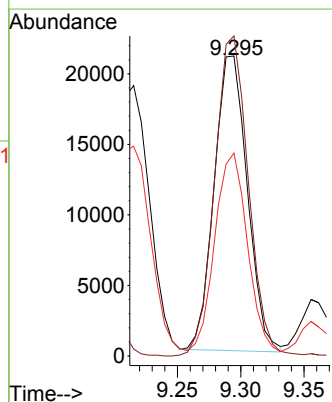
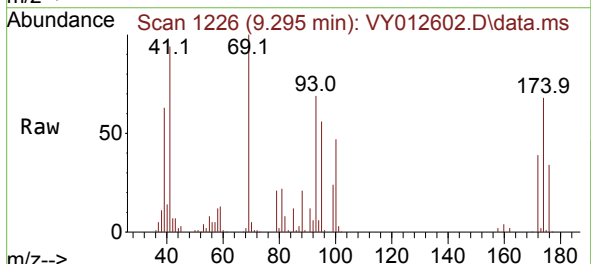


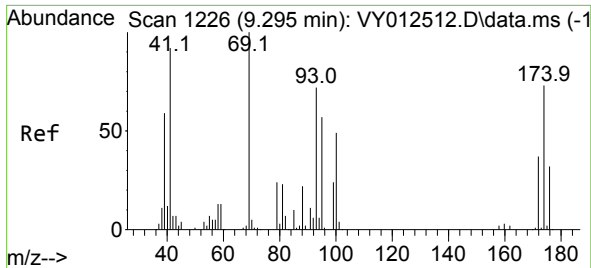
Tgt Ion: 83 Resp: 110311  
Ion Ratio Lower Upper  
83 100  
85 61.2 50.7 76.1  
127 9.5 8.1 12.1



#48  
Methyl methacrylate  
Concen: 54.647 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

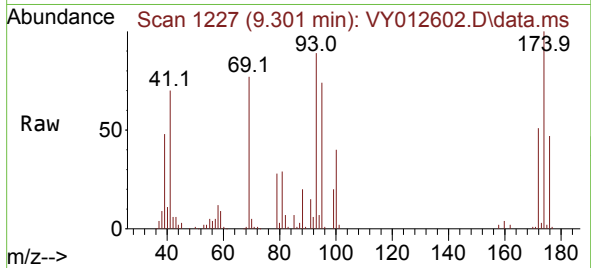
Tgt Ion: 41 Resp: 38079  
Ion Ratio Lower Upper  
41 100  
69 110.6 85.4 128.2  
39 69.0 52.7 79.1



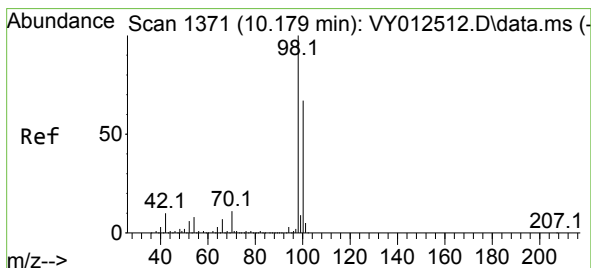
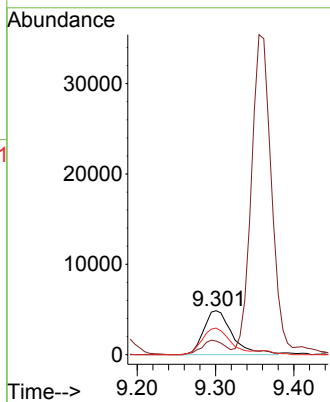
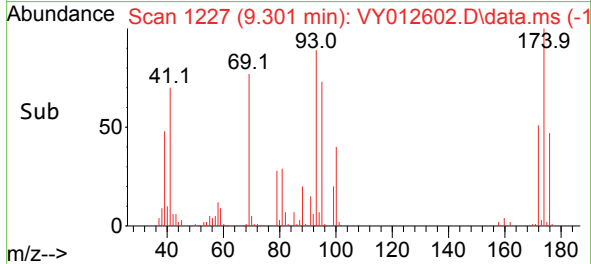


#49  
1,4-Dioxane  
Concen: 1162.179 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.006 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

Instrument :  
MSVOA\_Y  
ClientSampleId :

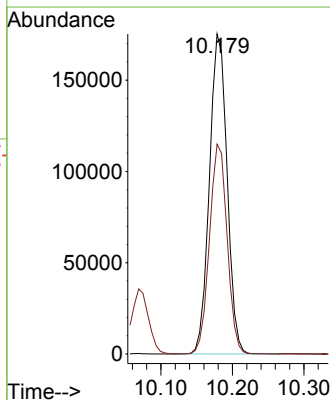
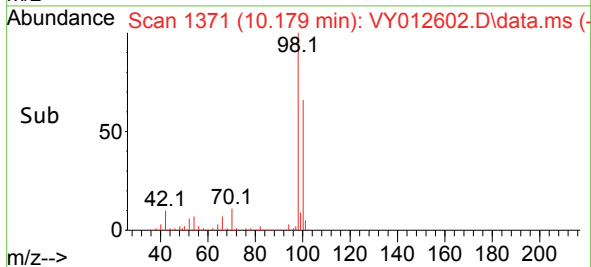
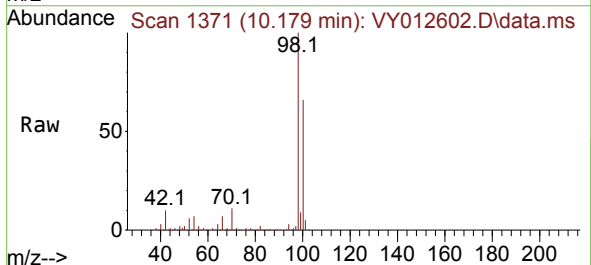


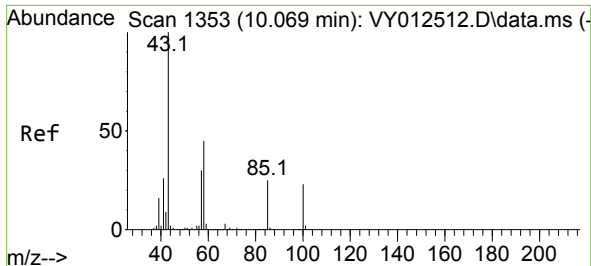
Tgt Ion: 88 Resp: 12397  
Ion Ratio Lower Upper  
88 100  
43 26.3 22.6 33.8  
58 58.5 45.4 68.0



#50  
Toluene-d8  
Concen: 53.684 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

Tgt Ion: 98 Resp: 300843  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.2 78.2

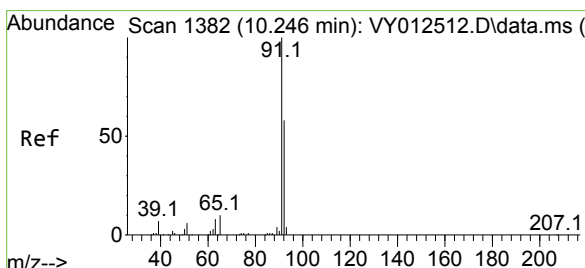
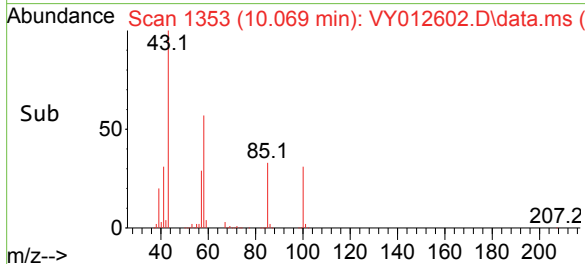
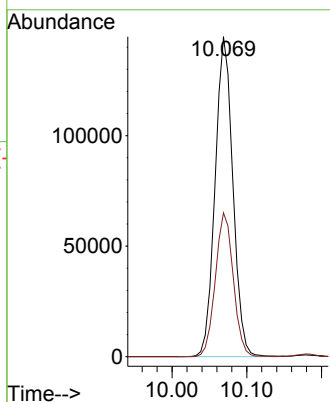
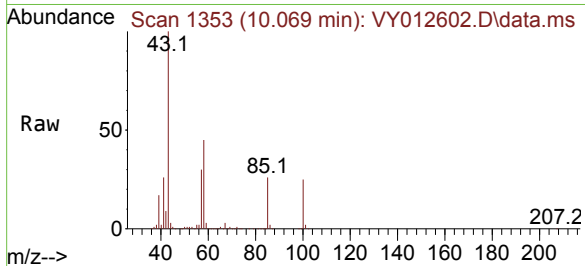




#51  
4-Methyl-2-Pentanone  
Concen: 291.538 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

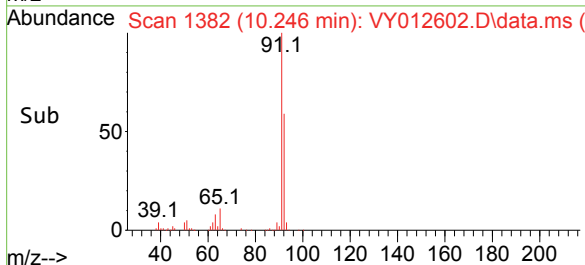
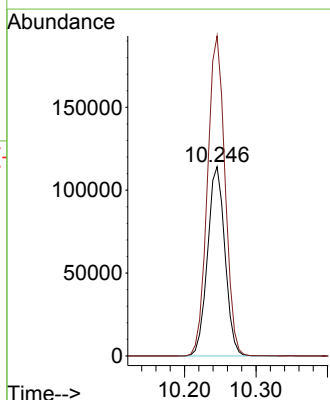
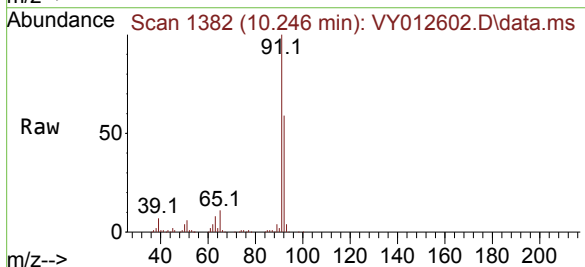
Instrument :  
MSVOA\_Y  
ClientSampleId :

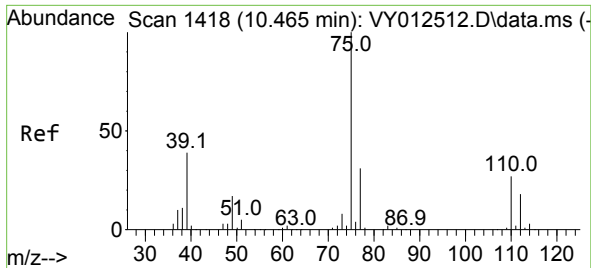
Tgt Ion: 43 Resp: 239789  
Ion Ratio Lower Upper  
43 100  
58 45.3 36.2 54.2



#52  
Toluene  
Concen: 52.754 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

Tgt Ion: 92 Resp: 192536  
Ion Ratio Lower Upper  
92 100  
91 170.9 137.2 205.8

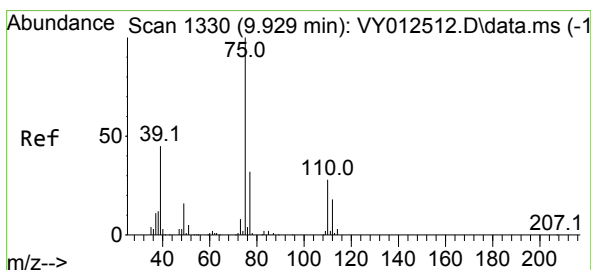
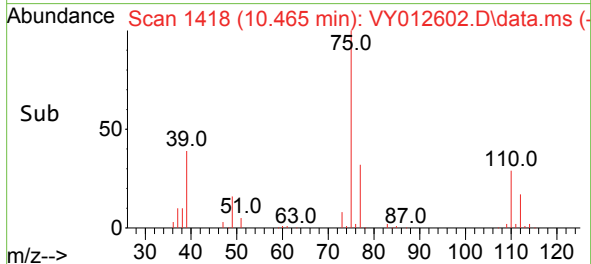
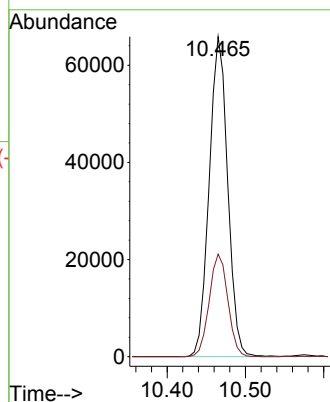
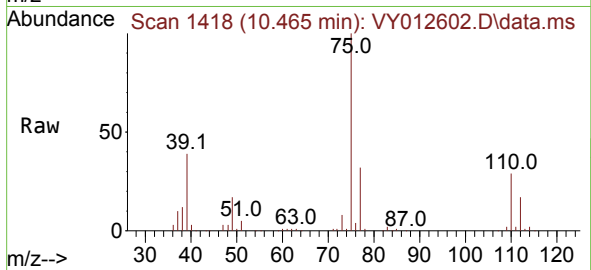




#53  
 t-1,3-Dichloropropene  
 Concen: 53.485 ug/l  
 RT: 10.465 min Scan# 1418  
 Delta R.T. -0.000 min  
 Lab File: VY012602.D  
 Acq: 15 Feb 2023 09:41

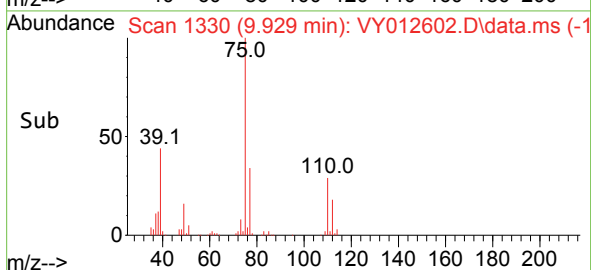
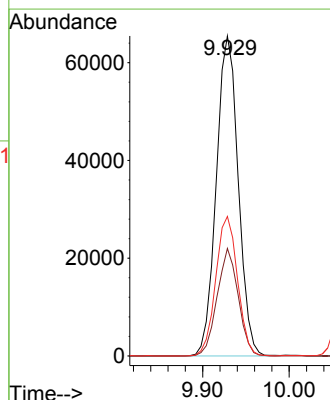
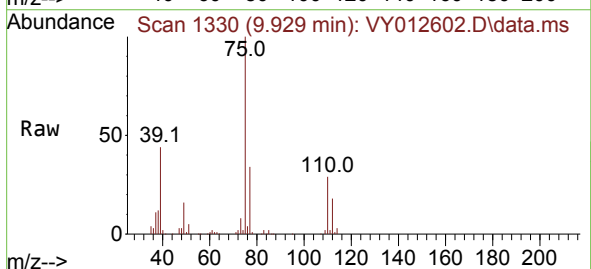
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

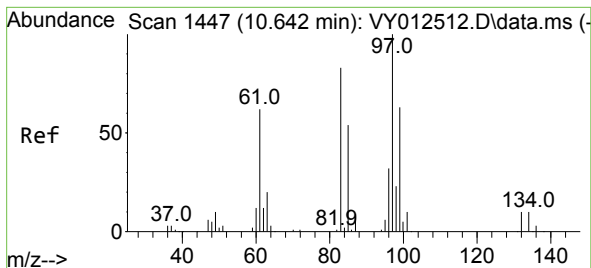
Tgt Ion: 75 Resp: 107981  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 25.1 37.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 52.735 ug/l  
 RT: 9.929 min Scan# 1330  
 Delta R.T. -0.000 min  
 Lab File: VY012602.D  
 Acq: 15 Feb 2023 09:41

Tgt Ion: 75 Resp: 115214  
 Ion Ratio Lower Upper  
 75 100  
 77 33.6 25.7 38.5  
 39 43.6 36.0 54.0





#55

1,1,2-Trichloroethane

Concen: 56.665 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion: 97 Resp: 63980

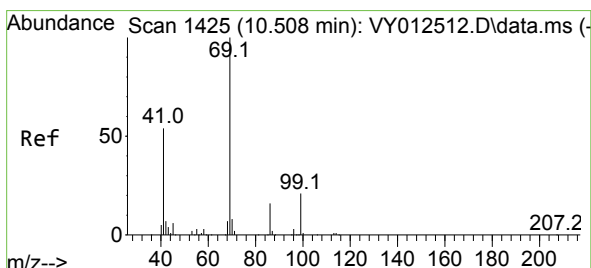
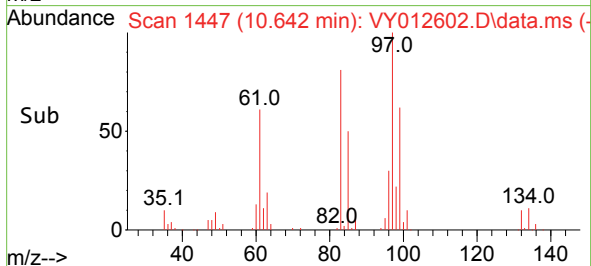
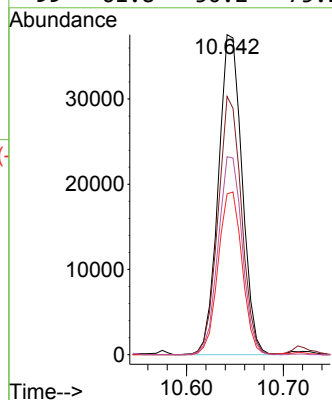
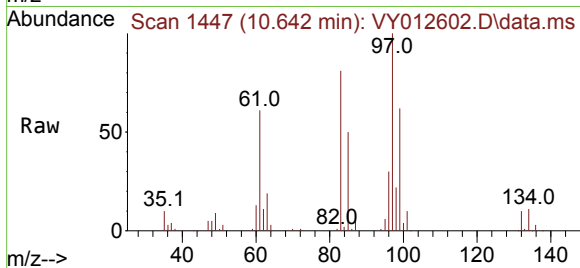
Ion Ratio Lower Upper

97 100

83 80.7 66.0 99.0

85 50.3 43.1 64.7

99 61.8 50.2 75.2



#56

Ethyl methacrylate

Concen: 58.377 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

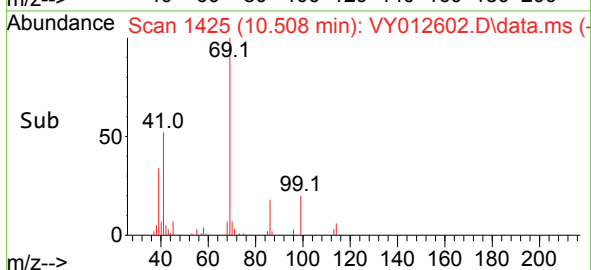
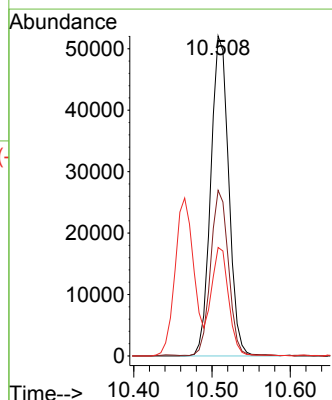
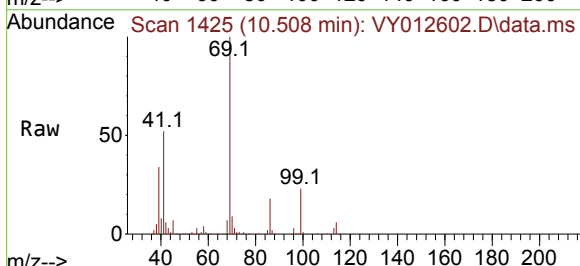
Tgt Ion: 69 Resp: 82811

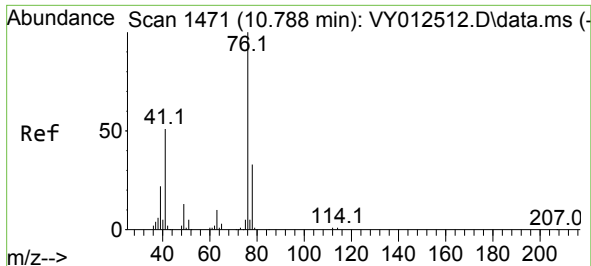
Ion Ratio Lower Upper

69 100

41 51.4 43.4 65.2

39 32.9 26.5 39.7





#57

1,3-Dichloropropane

Concen: 55.440 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

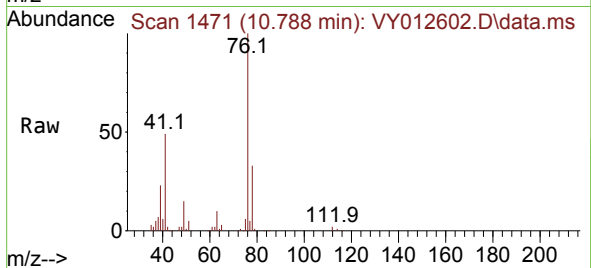
Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

Instrument :

MSVOA\_Y

ClientSampleId :

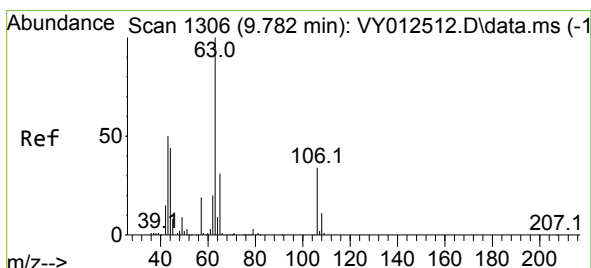
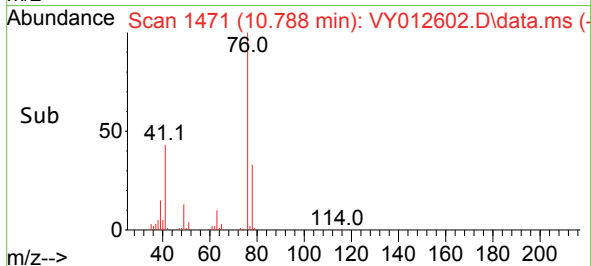
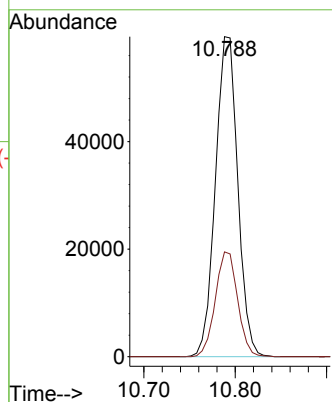


Tgt Ion: 76 Resp: 101026

Ion Ratio Lower Upper

76 100

78 32.7 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 277.395 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012602.D

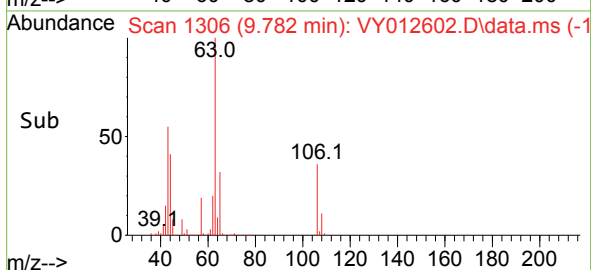
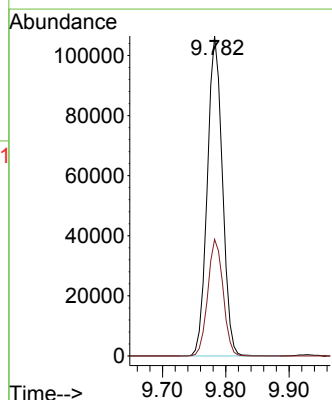
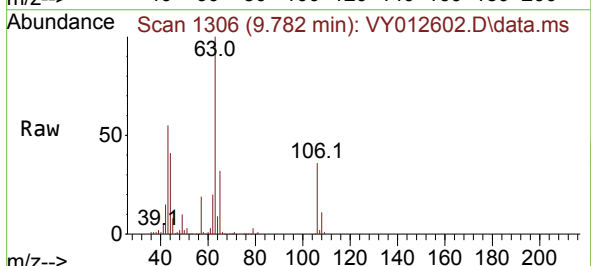
Acq: 15 Feb 2023 09:41

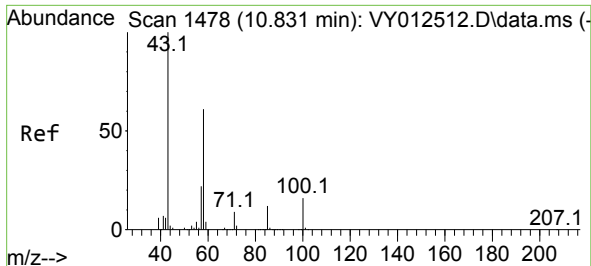
Tgt Ion: 63 Resp: 176869

Ion Ratio Lower Upper

63 100

106 36.8 28.0 42.0

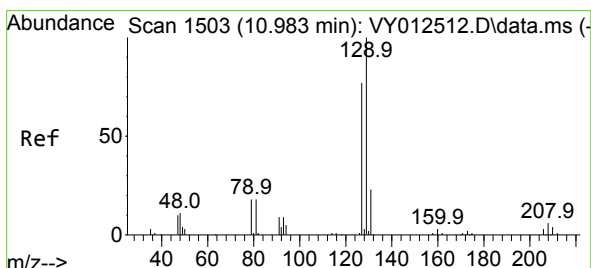
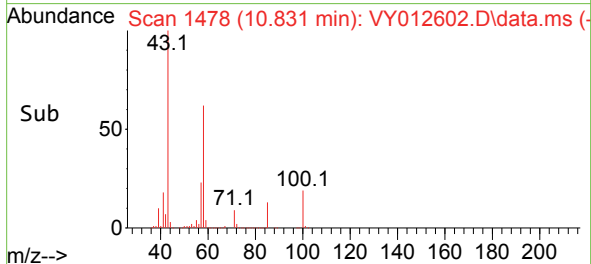
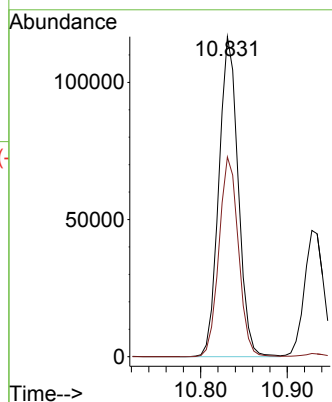
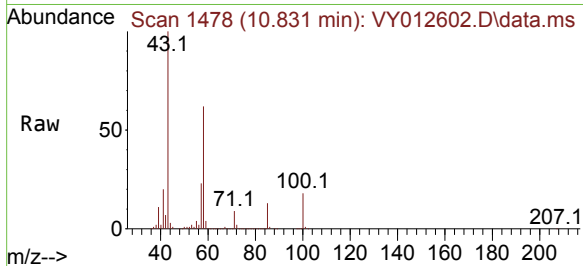




#59  
2-Hexanone  
Concen: 290.690 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

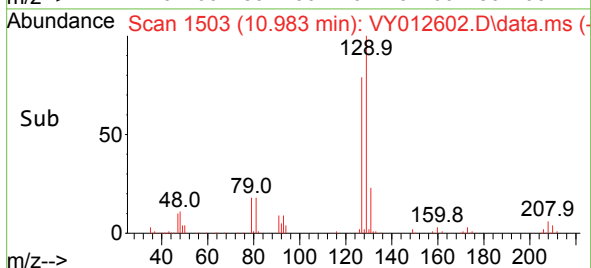
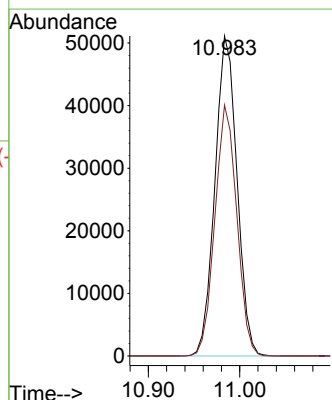
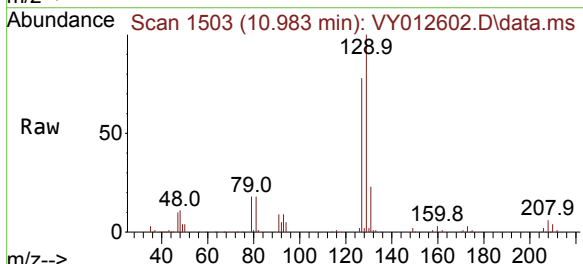
Instrument :  
MSVOA\_Y  
ClientSampleId :

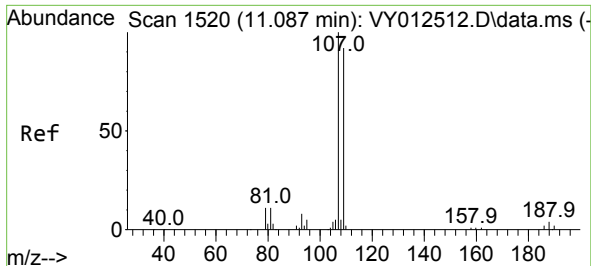
Tgt Ion: 43 Resp: 180685  
Ion Ratio Lower Upper  
43 100  
58 62.7 30.9 92.5



#60  
Dibromochloromethane  
Concen: 56.987 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

Tgt Ion: 129 Resp: 85770  
Ion Ratio Lower Upper  
129 100  
127 77.8 38.0 114.1

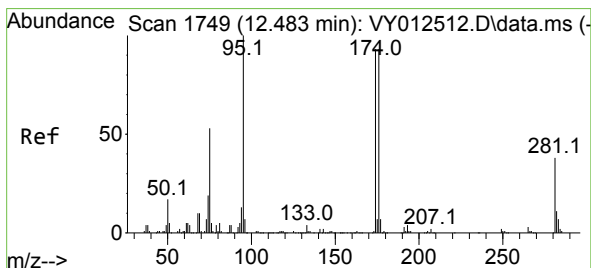
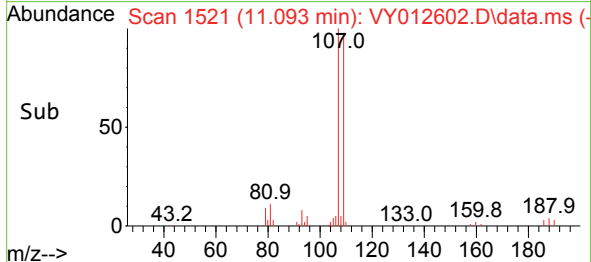
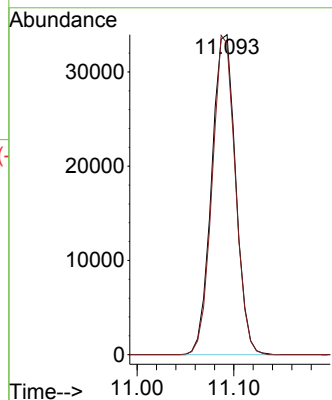
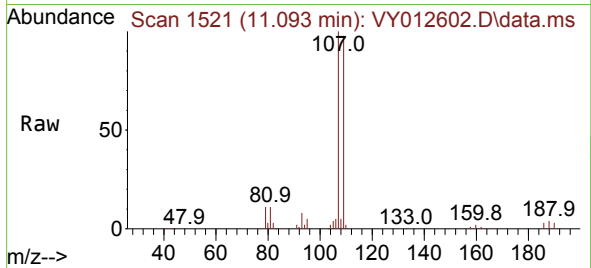




#61  
1,2-Dibromoethane  
Concen: 55.356 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.006 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

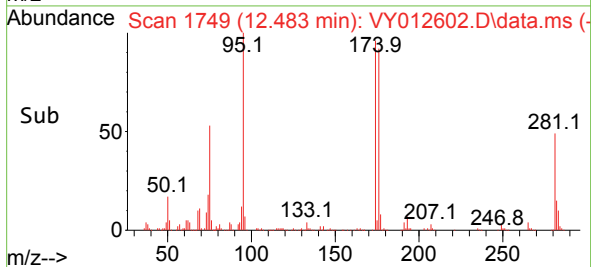
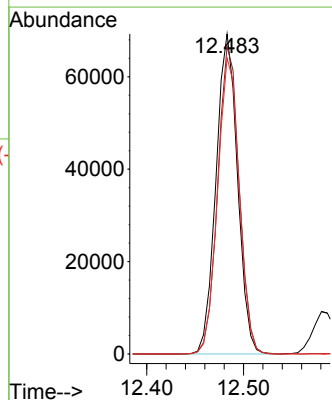
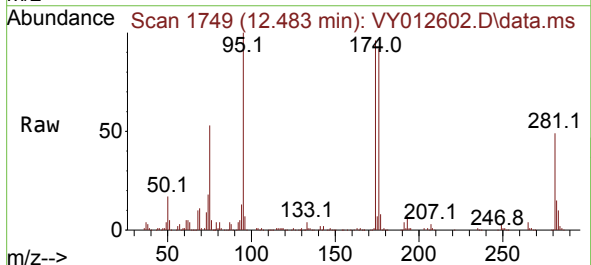
Instrument :  
MSVOA\_Y  
ClientSampleId :

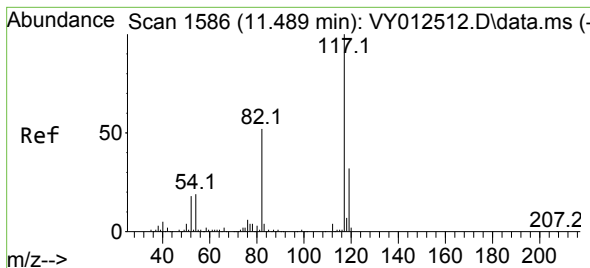
Tgt Ion:107 Resp: 58562  
Ion Ratio Lower Upper  
107 100  
109 96.1 74.2 111.2



#62  
4-Bromofluorobenzene  
Concen: 54.672 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

Tgt Ion: 95 Resp: 106866  
Ion Ratio Lower Upper  
95 100  
174 95.7 0.0 188.0  
176 93.0 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

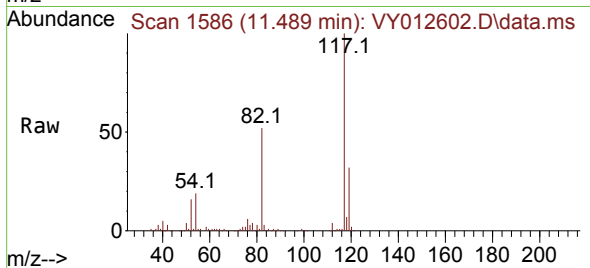
Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

Instrument :

MSVOA\_Y

ClientSampleId :



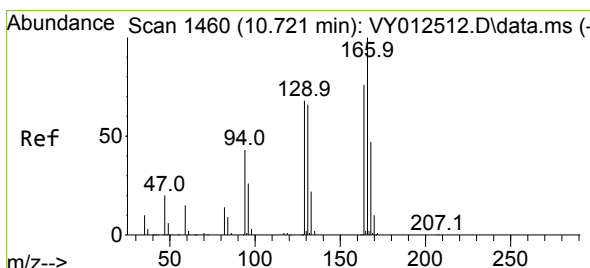
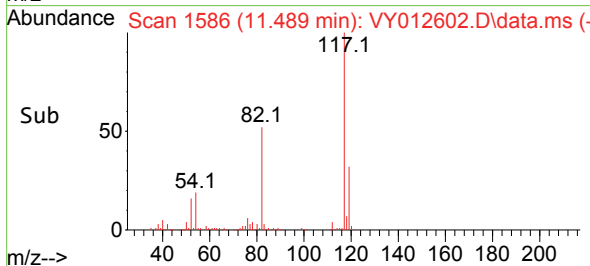
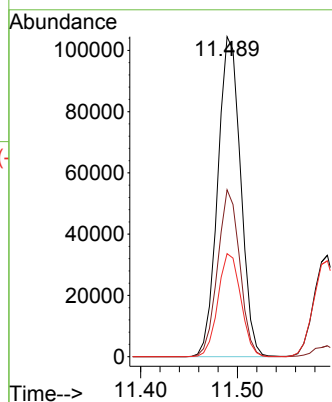
Tgt Ion:117 Resp: 171585

Ion Ratio Lower Upper

117 100

82 52.1 41.7 62.5

119 32.2 25.8 38.8



#64

Tetrachloroethene

Concen: 42.634 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

Tgt Ion:164 Resp: 76373

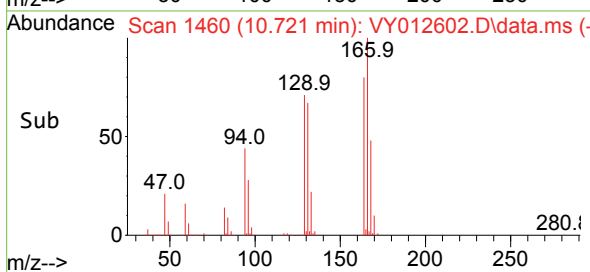
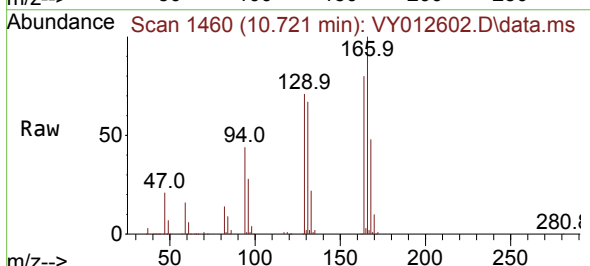
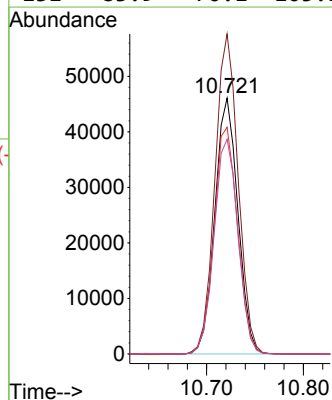
Ion Ratio Lower Upper

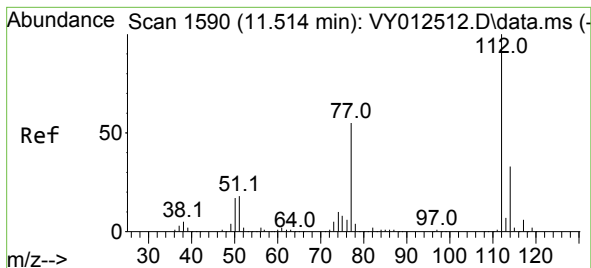
164 100

166 125.0 105.7 158.5

129 88.6 71.8 107.6

131 83.9 70.1 105.1





#65

Chlorobenzene

Concen: 53.365 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

Instrument :

MSVOA\_Y

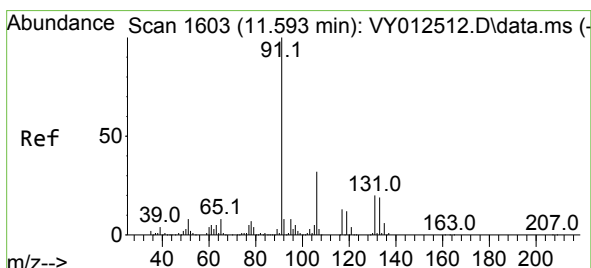
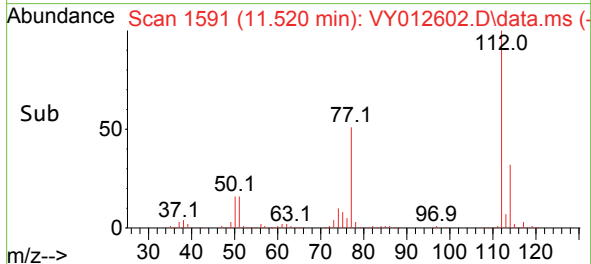
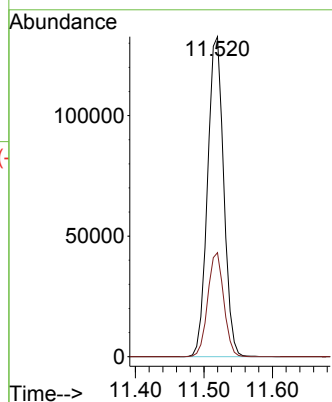
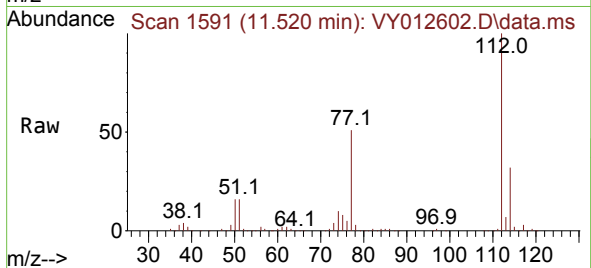
ClientSampleId :

Tgt Ion:112 Resp: 217180

Ion Ratio Lower Upper

112 100

114 32.5 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 55.629 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

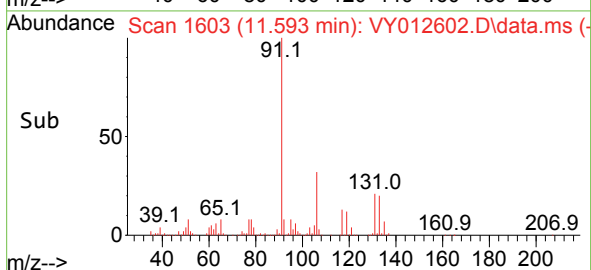
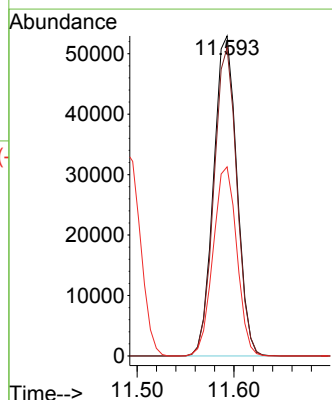
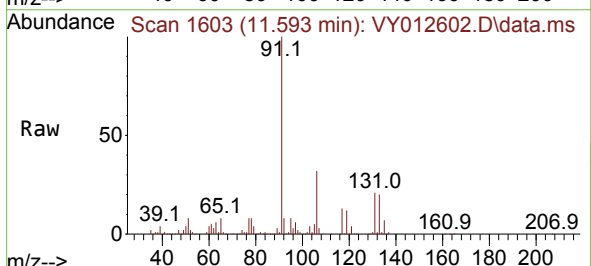
Tgt Ion:131 Resp: 88717

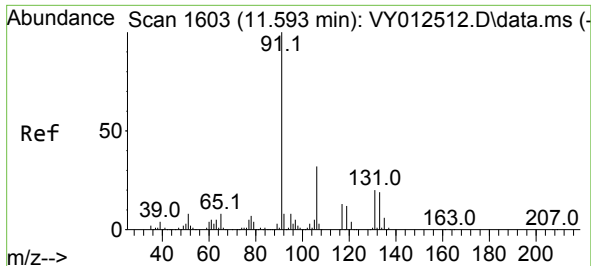
Ion Ratio Lower Upper

131 100

133 94.9 48.5 145.5

119 60.1 30.7 92.1

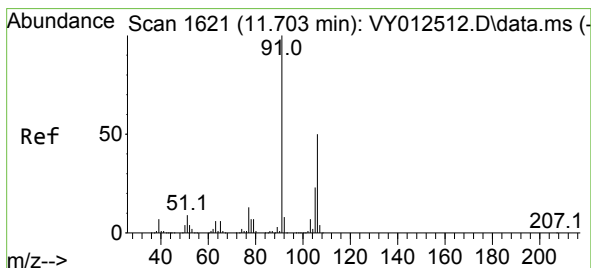
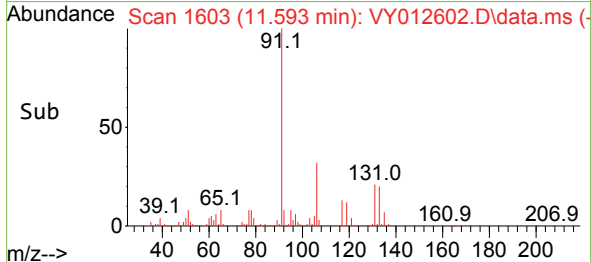
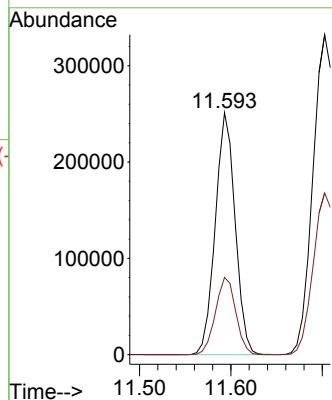
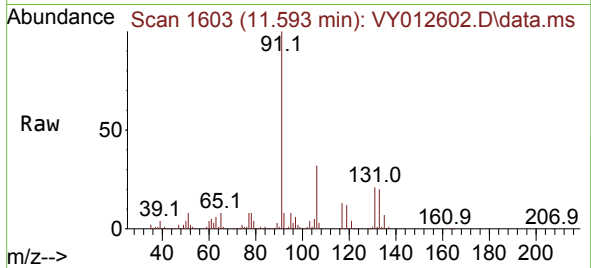




#67  
Ethyl Benzene  
Concen: 53.176 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

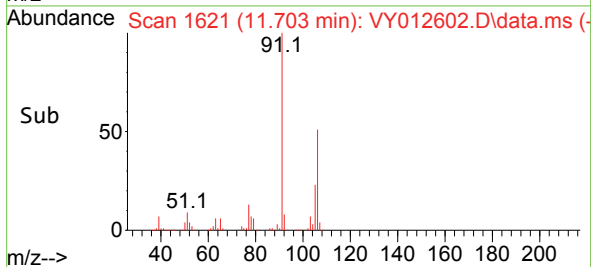
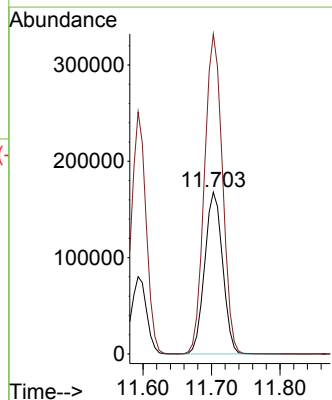
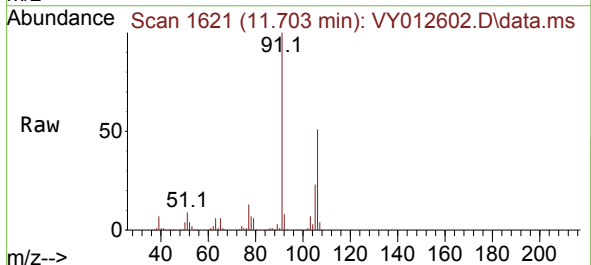
Instrument :  
MSVOA\_Y  
ClientSampleId :

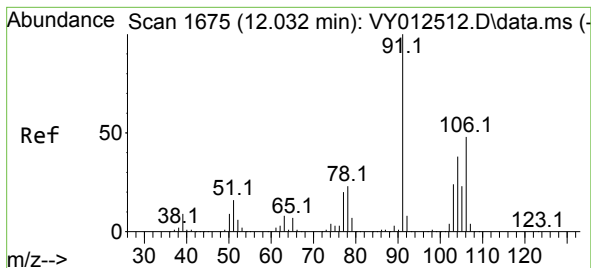
Tgt Ion: 91 Resp: 379928  
Ion Ratio Lower Upper  
91 100  
106 31.9 25.6 38.4



#68  
m/p-Xylenes  
Concen: 107.271 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

Tgt Ion:106 Resp: 305924  
Ion Ratio Lower Upper  
106 100  
91 198.4 160.3 240.5

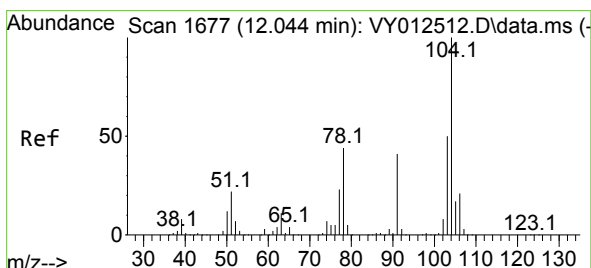
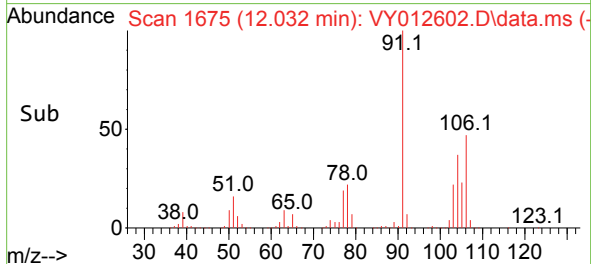
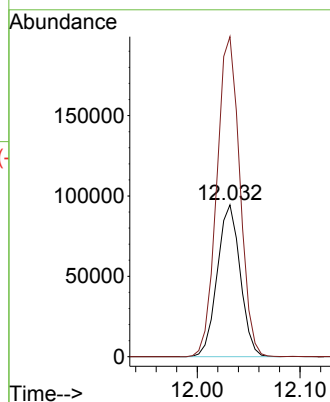
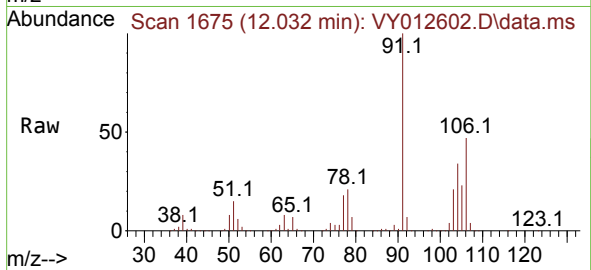




#69  
o-Xylene  
Concen: 53.881 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

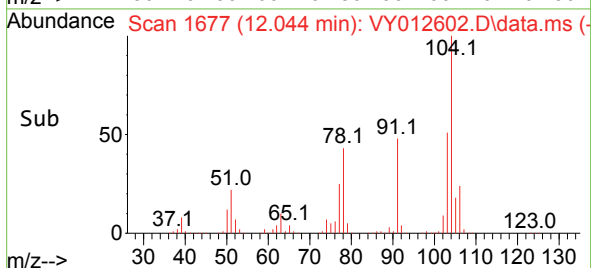
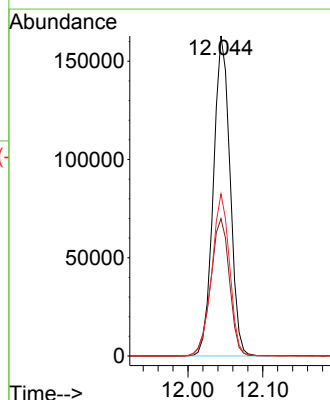
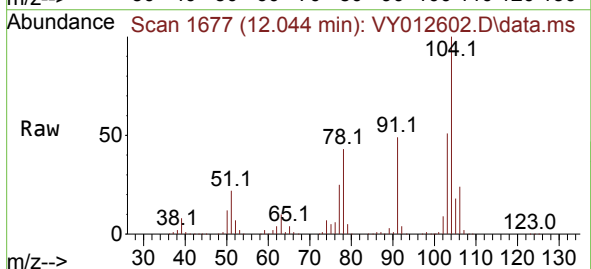
Instrument :  
MSVOA\_Y  
ClientSampleId :

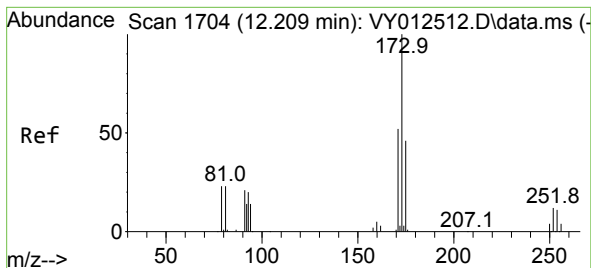
Tgt Ion:106 Resp: 146339  
Ion Ratio Lower Upper  
106 100  
91 211.6 104.2 312.5



#70  
Styrene  
Concen: 54.811 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

Tgt Ion:104 Resp: 252467  
Ion Ratio Lower Upper  
104 100  
78 48.3 39.4 59.2  
103 53.9 43.8 65.8





#71

Bromoform

Concen: 59.394 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

Instrument :

MSVOA\_Y

ClientSampleId :

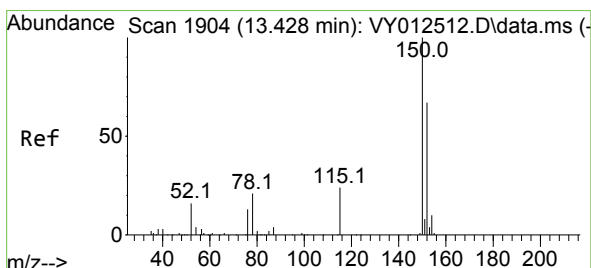
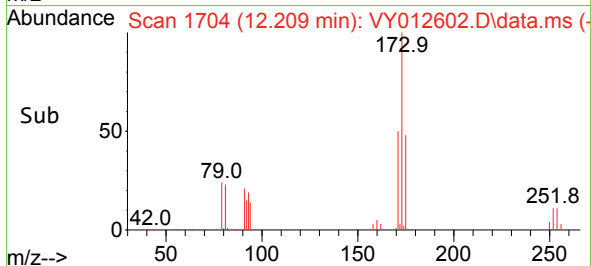
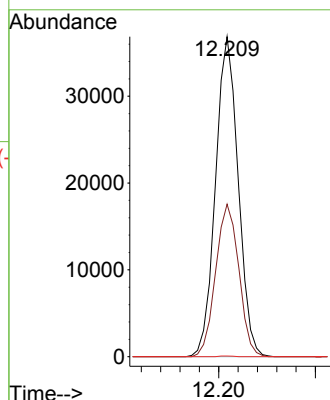
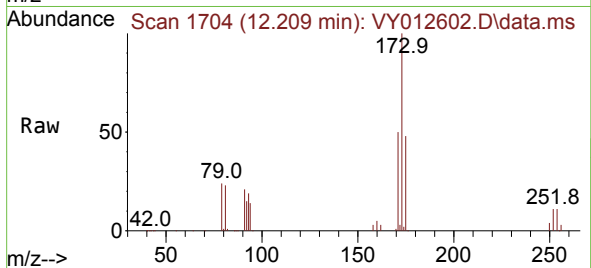
Tgt Ion:173 Resp: 59872

Ion Ratio Lower Upper

173 100

175 48.7 23.9 71.7

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

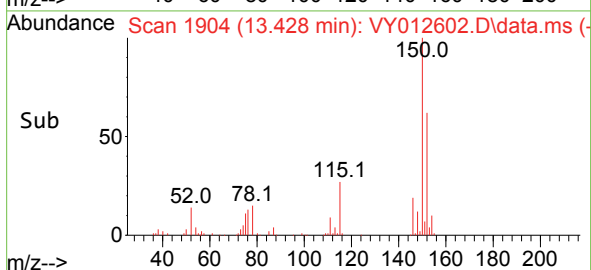
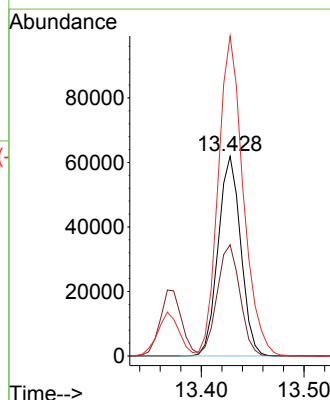
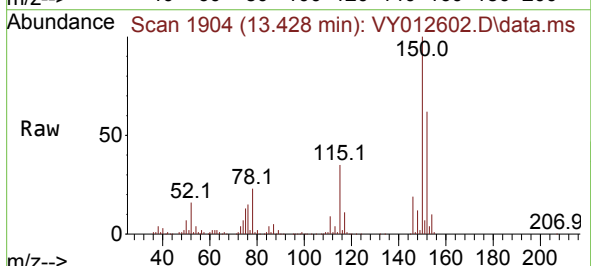
Tgt Ion:152 Resp: 94316

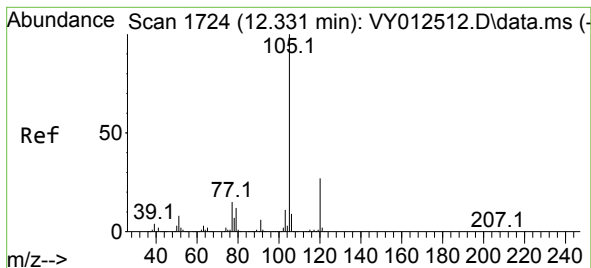
Ion Ratio Lower Upper

152 100

115 56.5 28.1 84.3

150 177.7 0.0 351.0





#73

Isopropylbenzene

Concen: 52.469 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

Instrument :

MSVOA\_Y

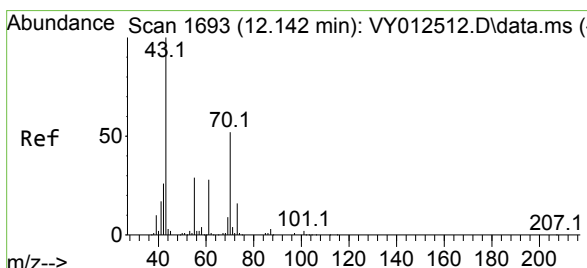
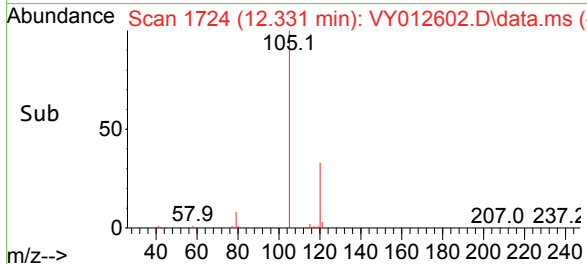
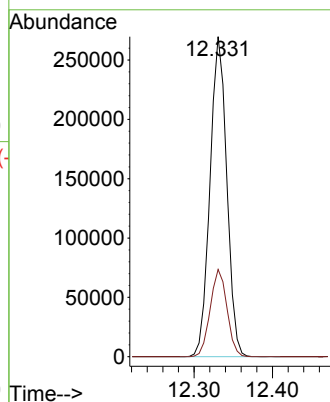
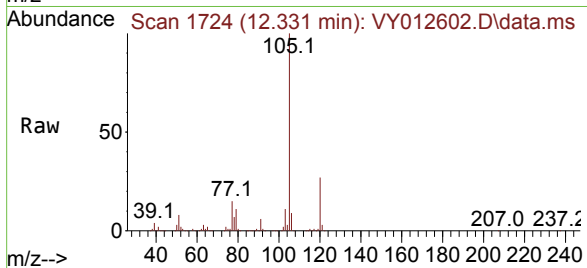
ClientSampleId :

Tgt Ion:105 Resp: 400380

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 54.061 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

Tgt Ion: 43 Resp: 74676

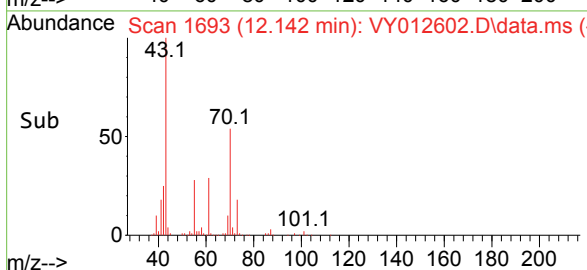
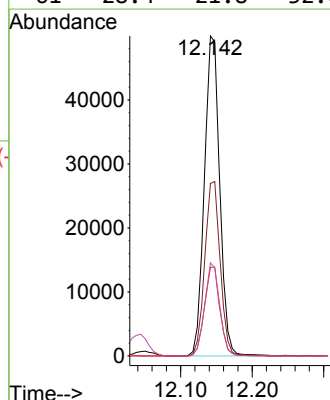
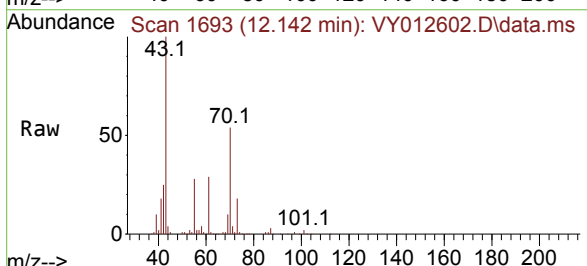
Ion Ratio Lower Upper

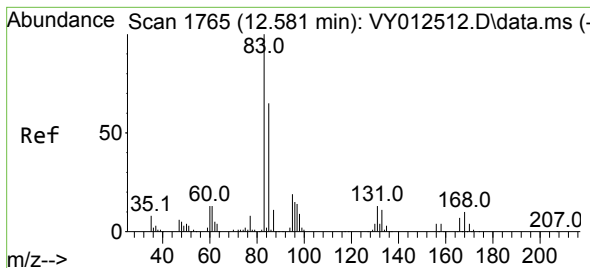
43 100

70 54.5 41.0 61.6

55 28.0 22.9 34.3

61 28.4 21.8 32.6

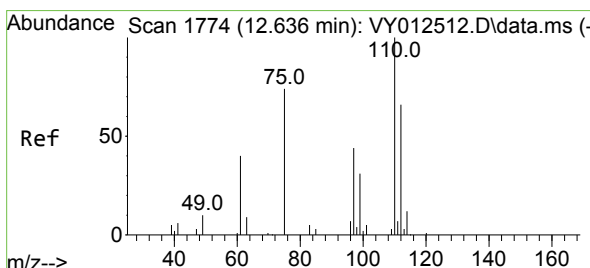
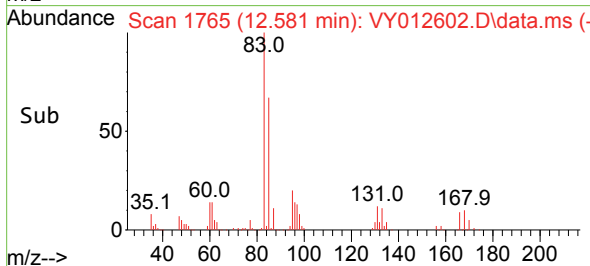
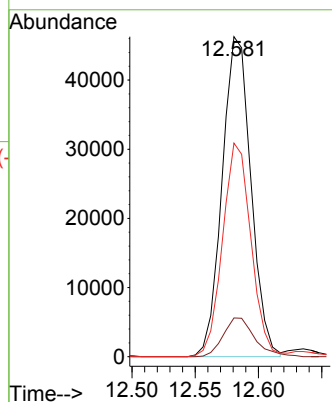
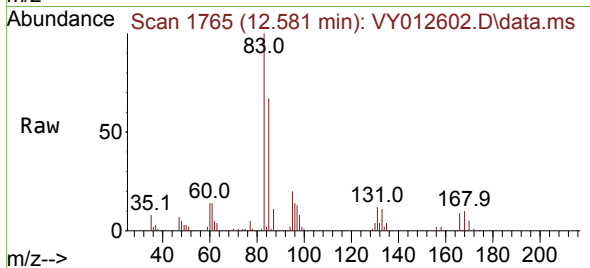




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 59.364 ug/l  
 RT: 12.581 min Scan# 1765  
 Delta R.T. -0.000 min  
 Lab File: VY012602.D  
 Acq: 15 Feb 2023 09:41

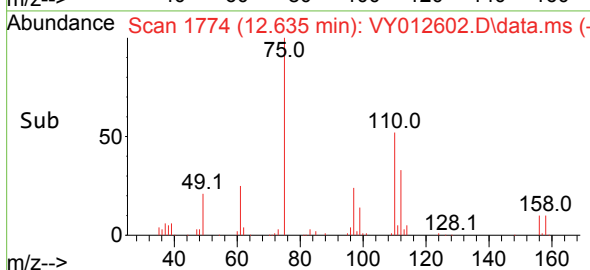
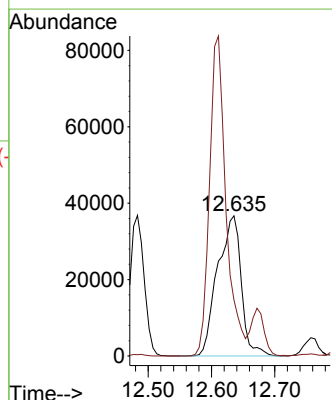
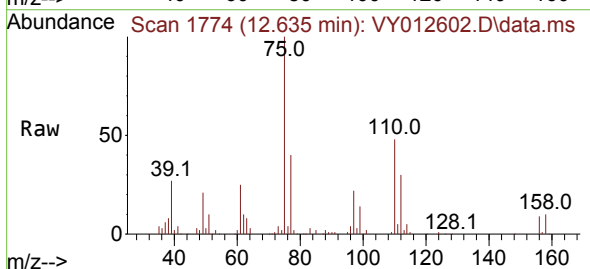
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

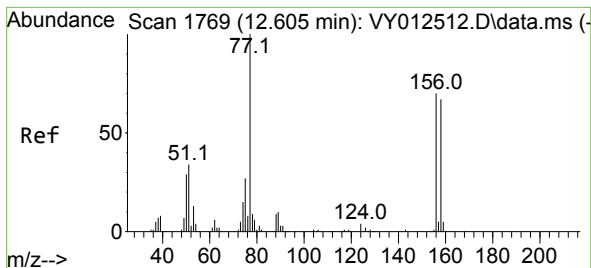
Tgt Ion: 83 Resp: 73247  
 Ion Ratio Lower Upper  
 83 100  
 131 13.2 6.5 19.4  
 85 66.1 33.0 99.0



#76  
 1,2,3-Trichloropropane  
 Concen: 90.372 ug/l  
 RT: 12.635 min Scan# 1774  
 Delta R.T. -0.000 min  
 Lab File: VY012602.D  
 Acq: 15 Feb 2023 09:41

Tgt Ion: 75 Resp: 95228  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.359 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012602.D

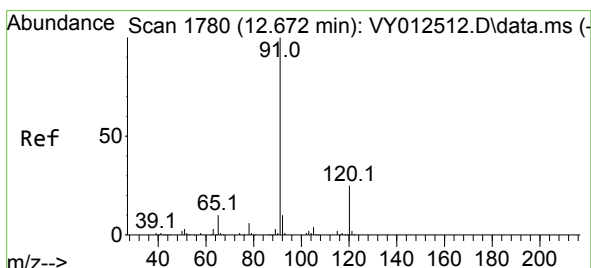
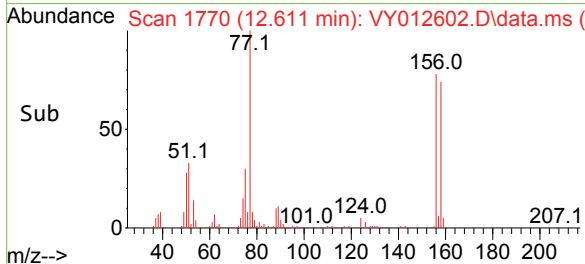
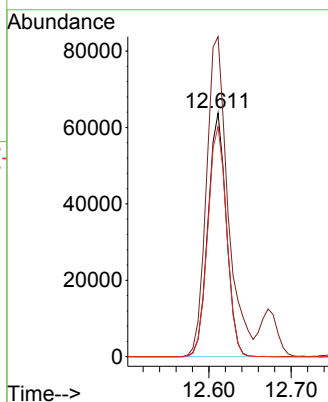
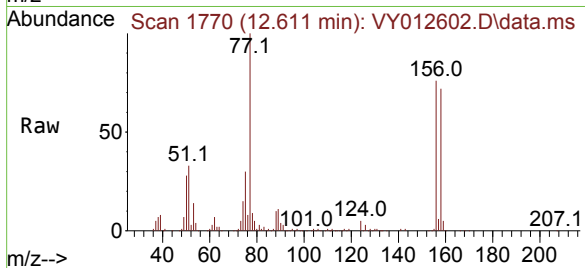
Acq: 15 Feb 2023 09:41

Instrument :

MSVOA\_Y

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 98688 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 154.2 | 80.6  | 241.8 |
| 158       | 97.0  | 49.1  | 147.3 |



#78

n-propylbenzene

Concen: 52.201 ug/l

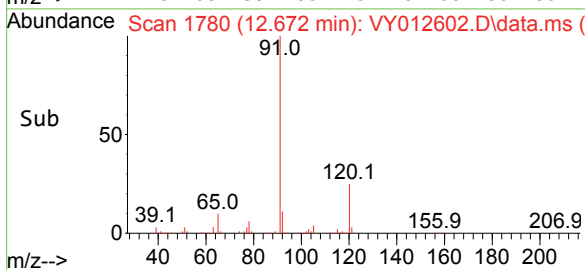
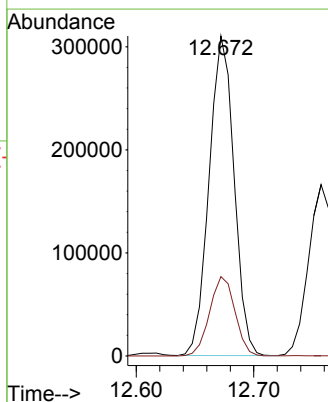
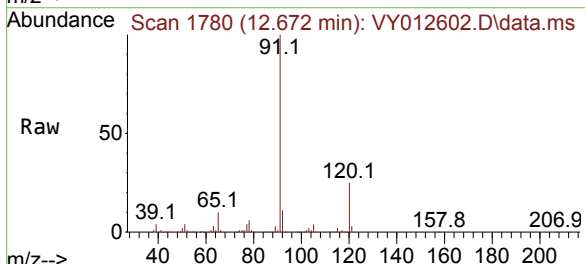
RT: 12.672 min Scan# 1780

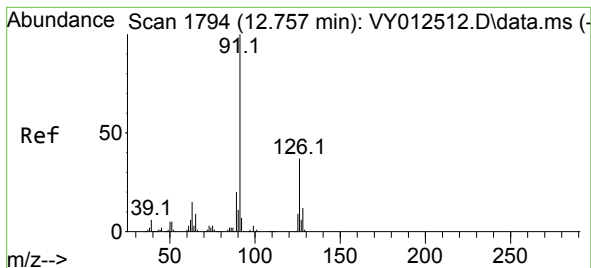
Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 458481 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 25.2  | 12.4  | 37.4   |

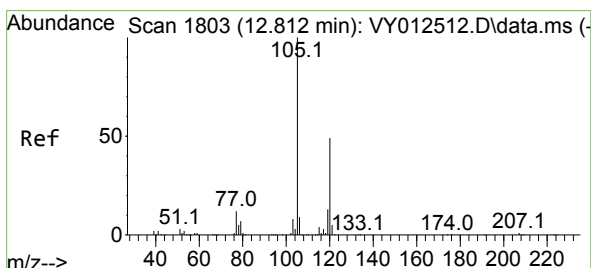
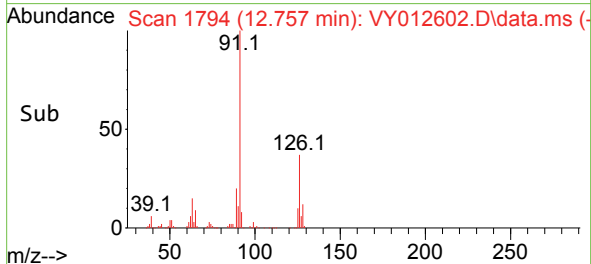
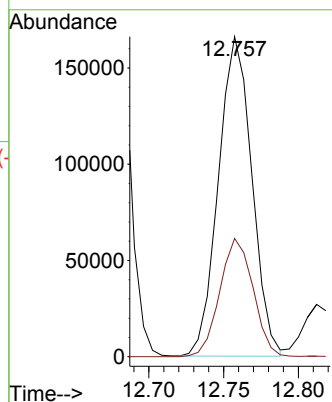
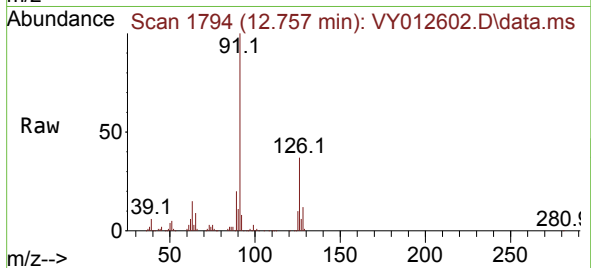




#79  
2-Chlorotoluene  
Concen: 51.815 ug/l  
RT: 12.757 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

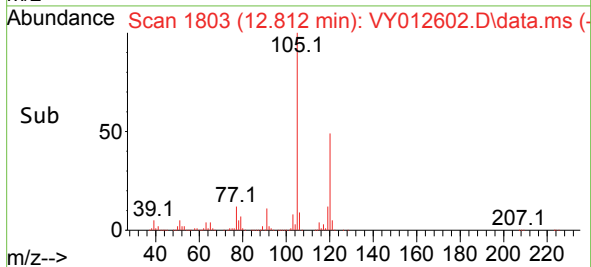
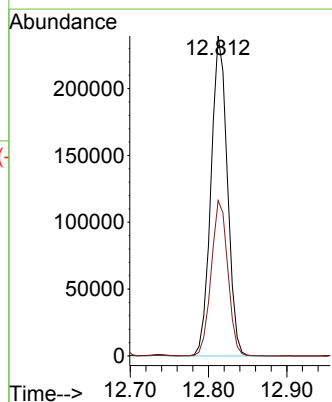
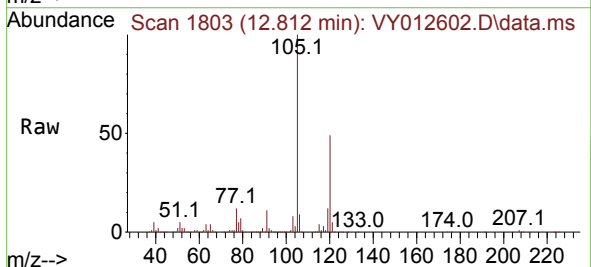
Instrument :  
MSVOA\_Y  
ClientSampleId :

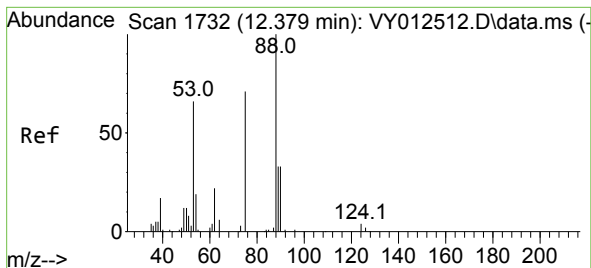
Tgt Ion: 91 Resp: 258343  
Ion Ratio Lower Upper  
91 100  
126 36.8 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 52.791 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

Tgt Ion: 105 Resp: 346775  
Ion Ratio Lower Upper  
105 100  
120 49.2 24.6 74.0

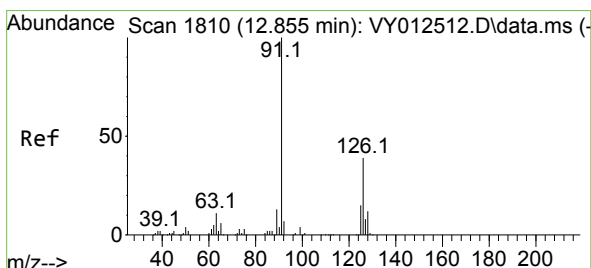
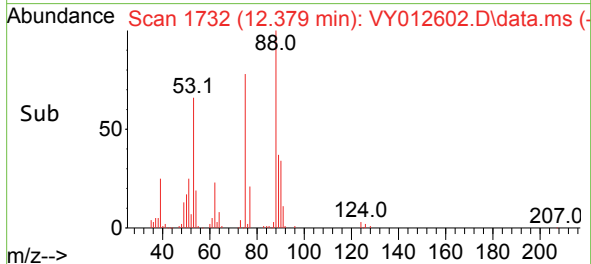
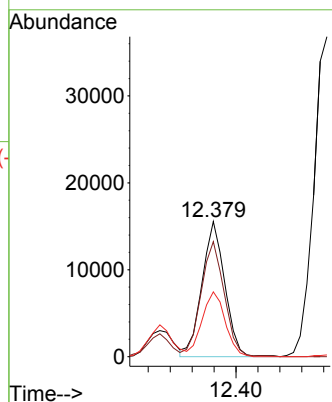
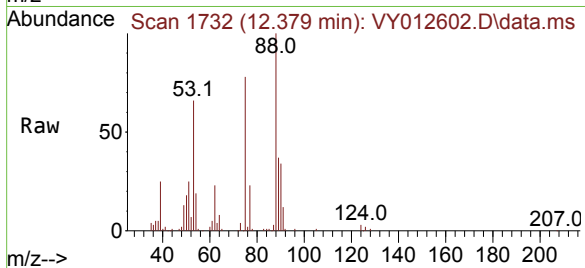




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 48.224 ug/l  
 RT: 12.379 min Scan# 1732  
 Delta R.T. -0.000 min  
 Lab File: VY012602.D  
 Acq: 15 Feb 2023 09:41

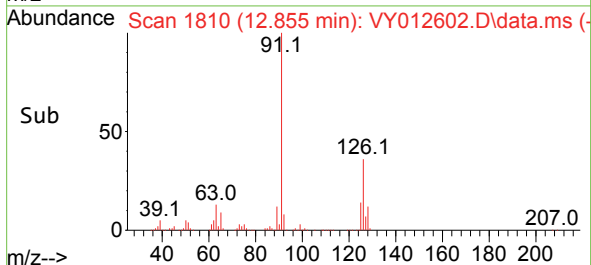
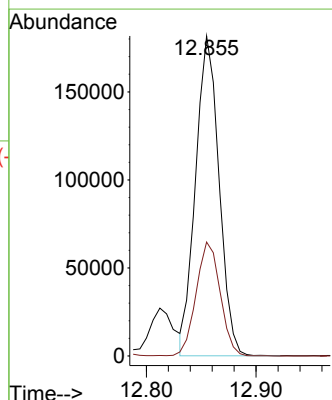
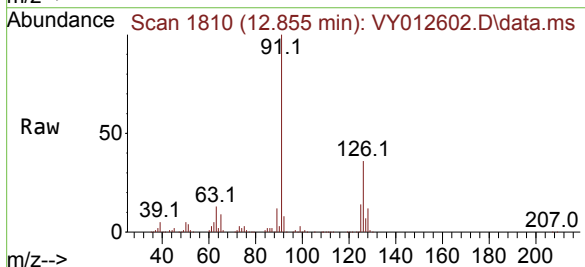
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

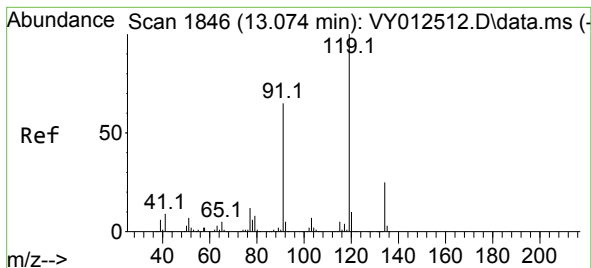
Tgt Ion: 75 Resp: 22534  
 Ion Ratio Lower Upper  
 75 100  
 53 86.9 73.1 109.7  
 89 48.5 39.9 59.9



#82  
 4-Chlorotoluene  
 Concen: 51.561 ug/l  
 RT: 12.855 min Scan# 1810  
 Delta R.T. -0.000 min  
 Lab File: VY012602.D  
 Acq: 15 Feb 2023 09:41

Tgt Ion: 91 Resp: 269676  
 Ion Ratio Lower Upper  
 91 100  
 126 36.7 18.1 54.3





#83

tert-Butylbenzene

Concen: 52.887 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

Instrument :

MSVOA\_Y

ClientSampleId :

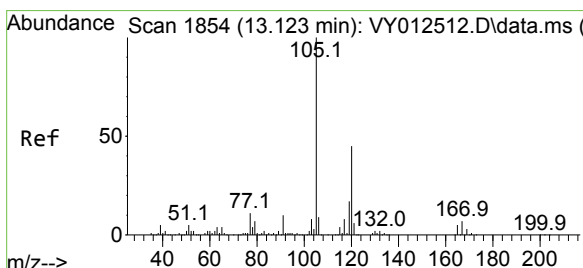
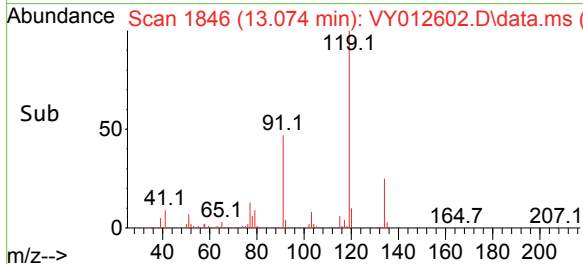
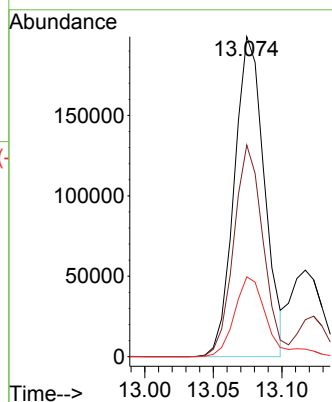
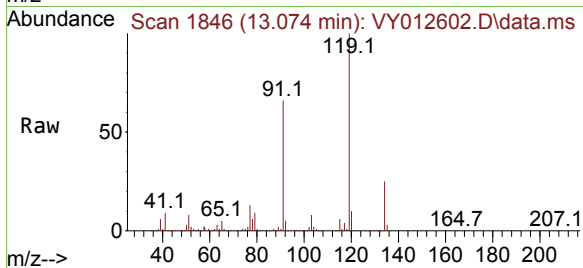
Tgt Ion:119 Resp: 304647

Ion Ratio Lower Upper

119 100

91 64.7 33.0 99.0

134 27.2 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 53.311 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY012602.D

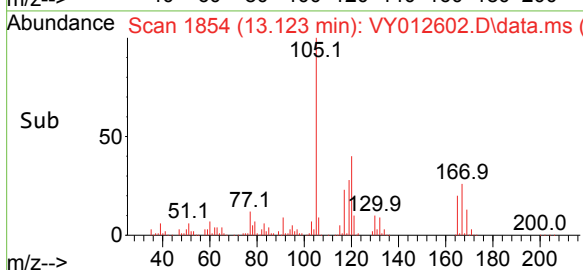
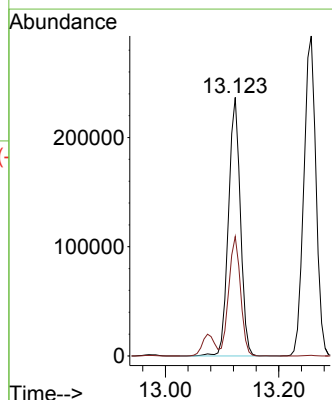
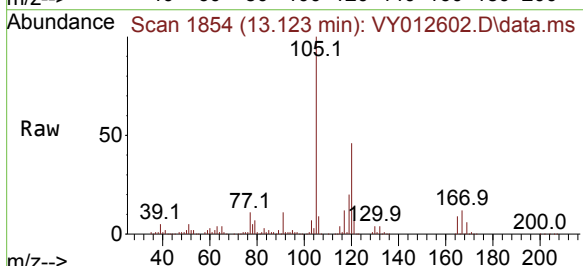
Acq: 15 Feb 2023 09:41

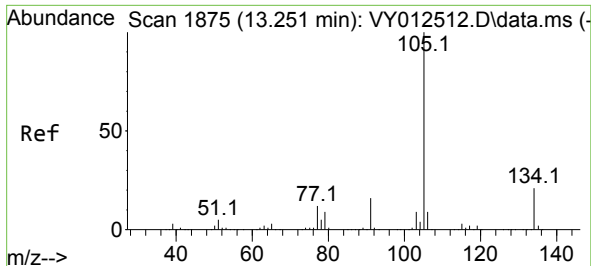
Tgt Ion:105 Resp: 344571

Ion Ratio Lower Upper

105 100

120 45.9 22.8 68.3

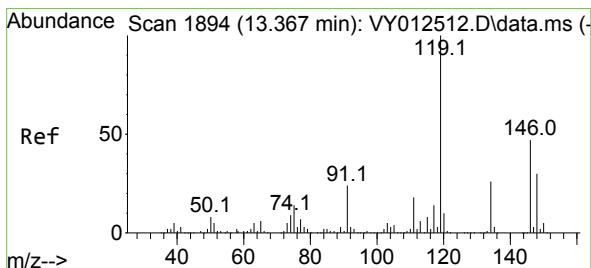
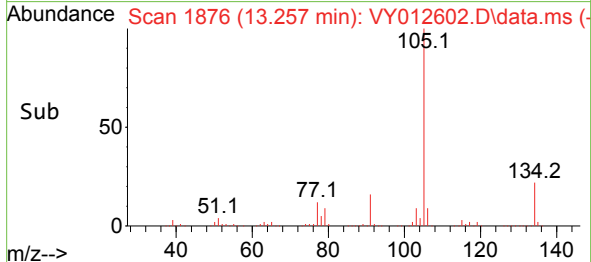
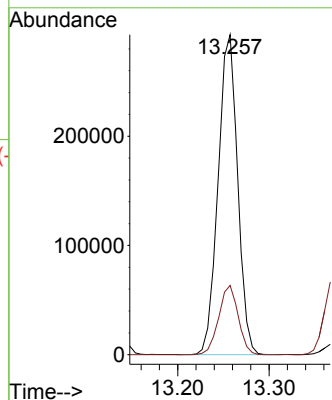
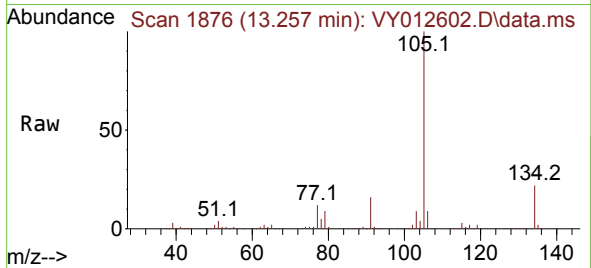




#85  
 sec-Butylbenzene  
 Concen: 52.792 ug/l  
 RT: 13.257 min Scan# 1875  
 Delta R.T. 0.006 min  
 Lab File: VY012602.D  
 Acq: 15 Feb 2023 09:41

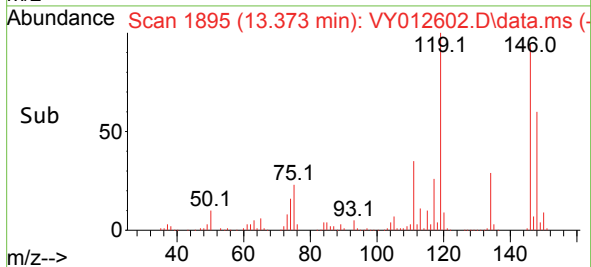
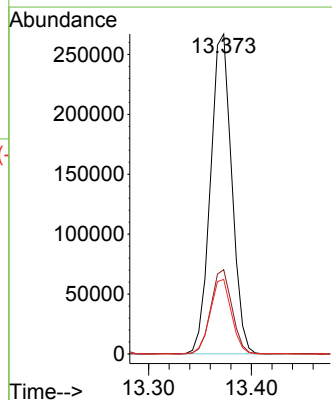
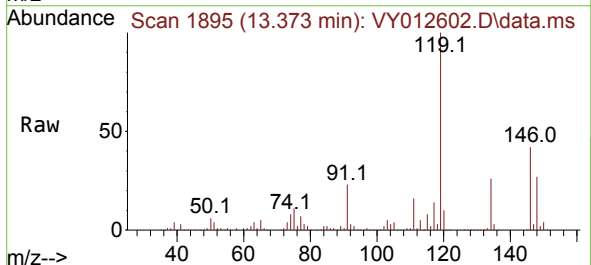
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

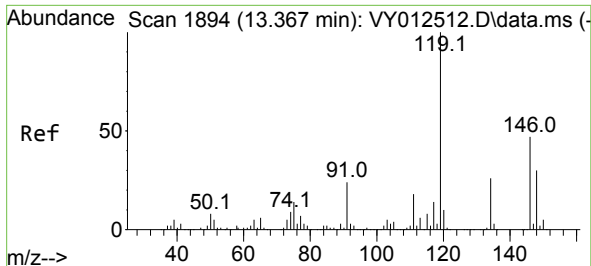
Tgt Ion:105 Resp: 435052  
 Ion Ratio Lower Upper  
 105 100  
 134 21.6 10.8 32.3



#86  
 p-Isopropyltoluene  
 Concen: 53.767 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.006 min  
 Lab File: VY012602.D  
 Acq: 15 Feb 2023 09:41

Tgt Ion:119 Resp: 384386  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 13.4 40.1  
 91 23.4 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 53.156 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

Instrument :

MSVOA\_Y

ClientSampleId :

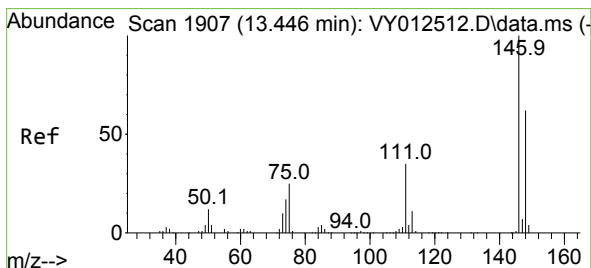
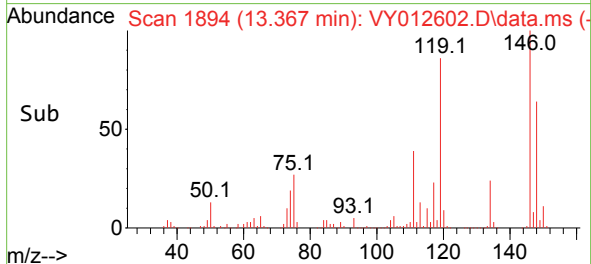
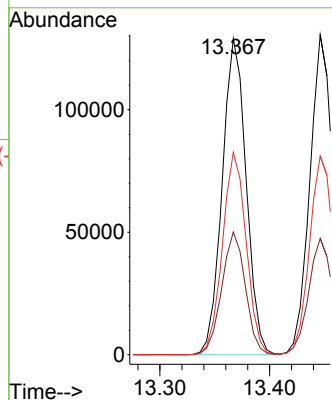
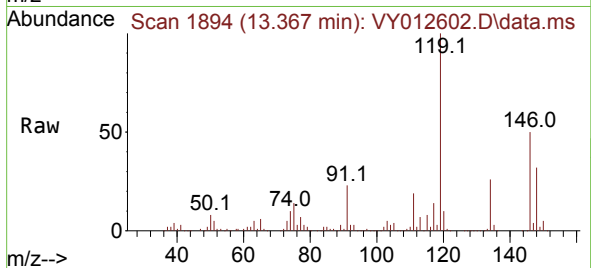
Tgt Ion:146 Resp: 195612

Ion Ratio Lower Upper

146 100

111 38.3 19.3 57.9

148 63.5 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 52.326 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

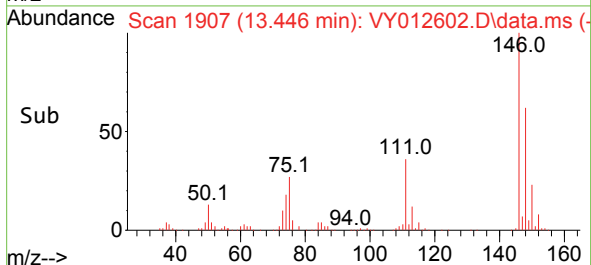
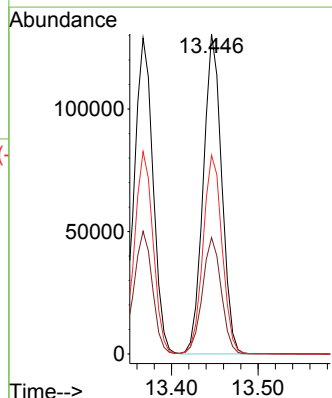
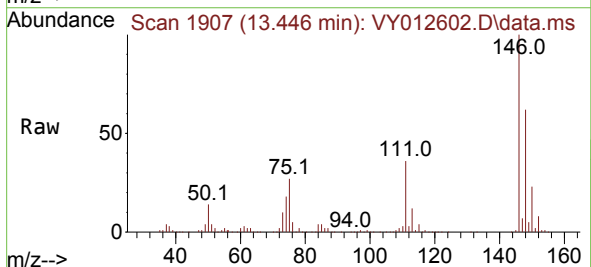
Tgt Ion:146 Resp: 192881

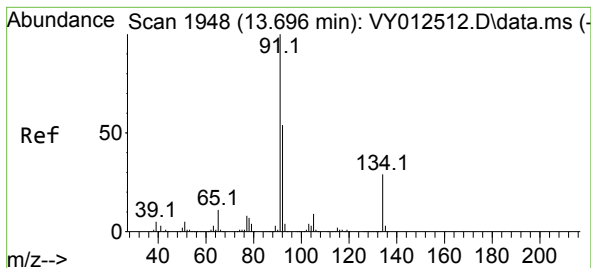
Ion Ratio Lower Upper

146 100

111 37.2 18.4 55.2

148 64.2 31.6 95.0





#89

n-Butylbenzene

Concen: 52.316 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

Instrument :

MSVOA\_Y

ClientSampleId :

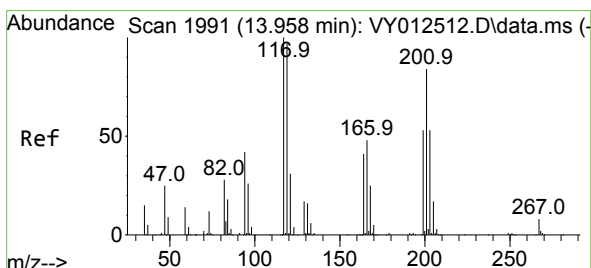
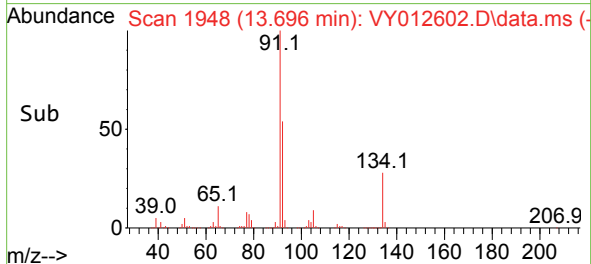
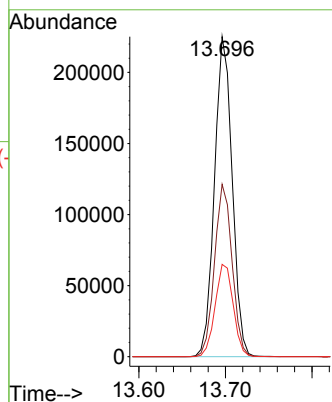
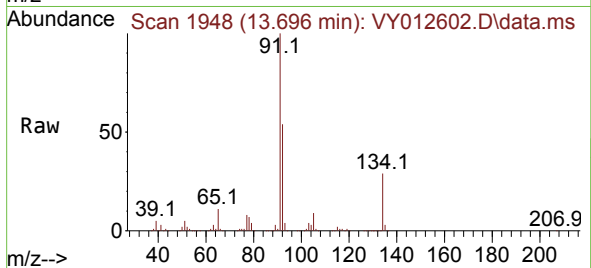
Tgt Ion: 91 Resp: 319653

Ion Ratio Lower Upper

91 100

92 53.5 26.6 79.7

134 29.5 14.5 43.5



#90

Hexachloroethane

Concen: 50.942 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012602.D

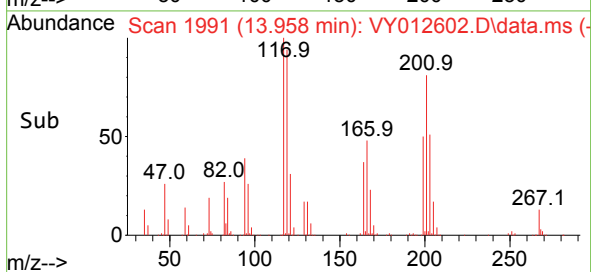
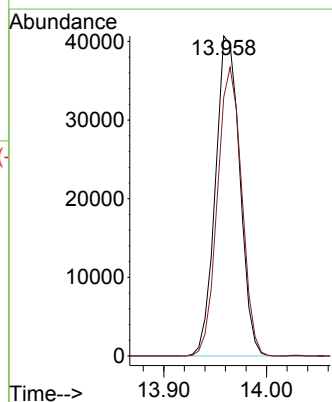
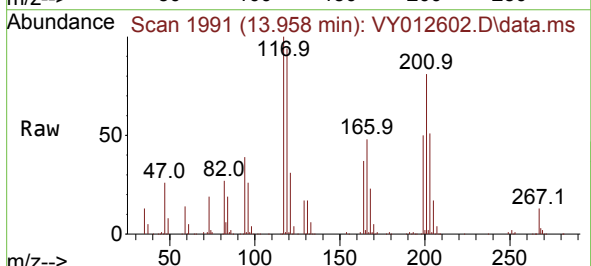
Acq: 15 Feb 2023 09:41

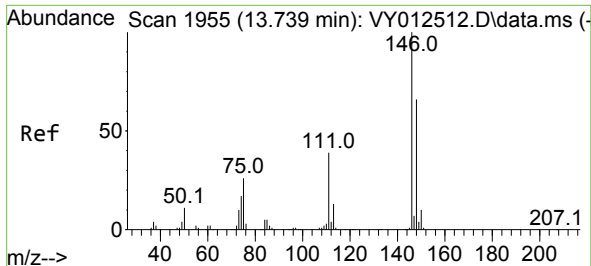
Tgt Ion: 117 Resp: 66847

Ion Ratio Lower Upper

117 100

201 89.9 43.9 131.7

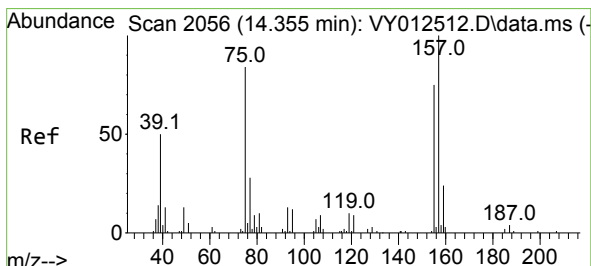
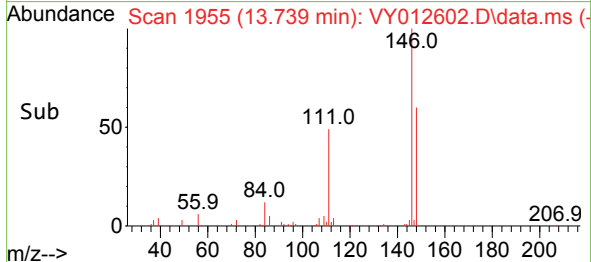
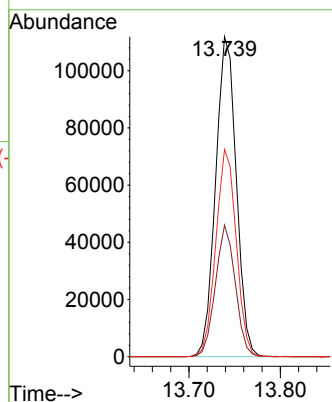
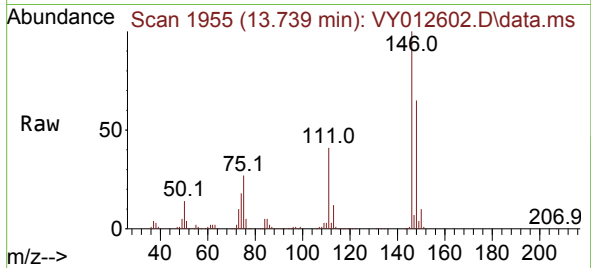




#91  
1,2-Dichlorobenzene  
Concen: 53.144 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

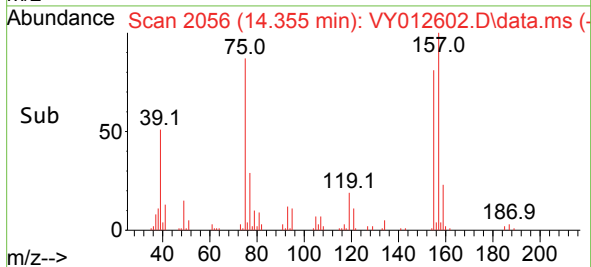
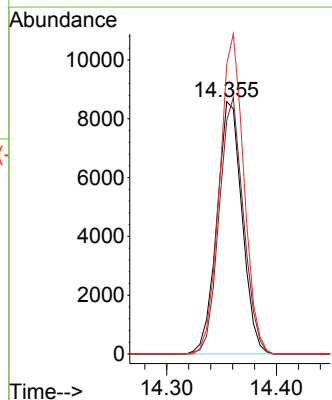
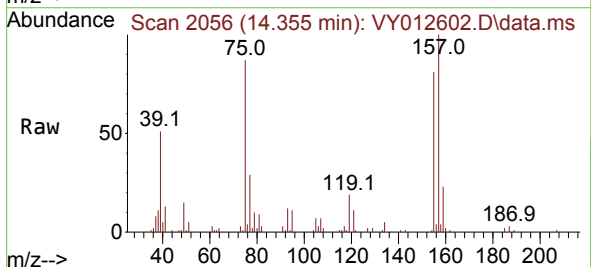
Instrument :  
MSVOA\_Y  
ClientSampleId :

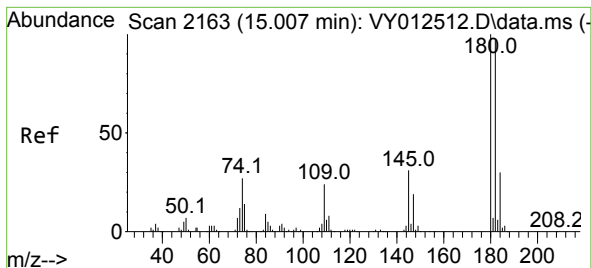
Tgt Ion:146 Resp: 175932  
Ion Ratio Lower Upper  
146 100  
111 39.5 19.7 59.1  
148 64.1 32.0 96.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 55.727 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY012602.D  
Acq: 15 Feb 2023 09:41

Tgt Ion: 75 Resp: 13683  
Ion Ratio Lower Upper  
75 100  
155 97.5 46.5 139.3  
157 121.8 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 52.891 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

Instrument :

MSVOA\_Y

ClientSampleId :

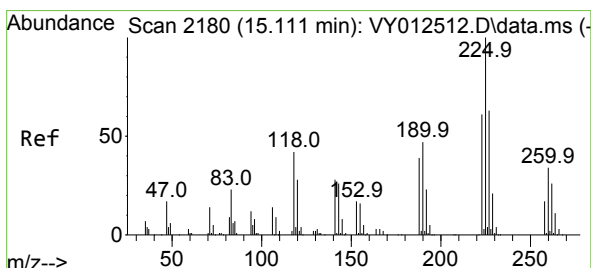
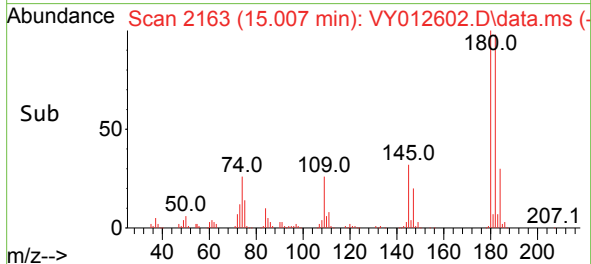
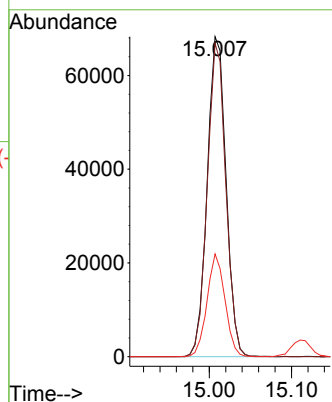
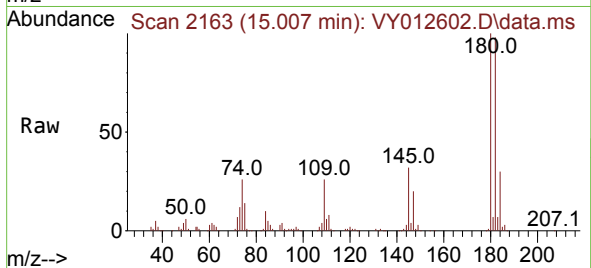
Tgt Ion:180 Resp: 108491

Ion Ratio Lower Upper

180 100

182 96.6 47.7 143.1

145 30.6 15.4 46.4



#94

Hexachlorobutadiene

Concen: 51.487 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

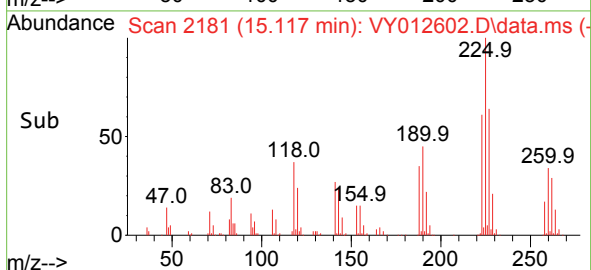
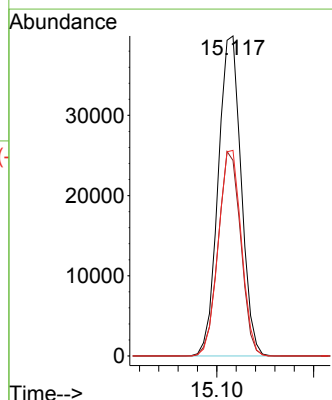
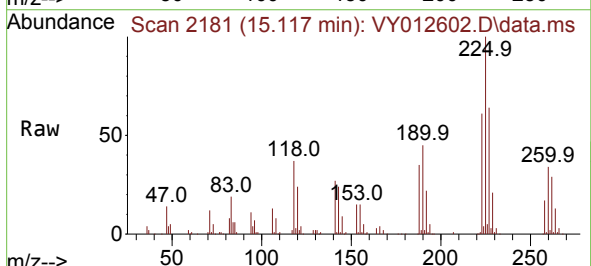
Tgt Ion:225 Resp: 65608

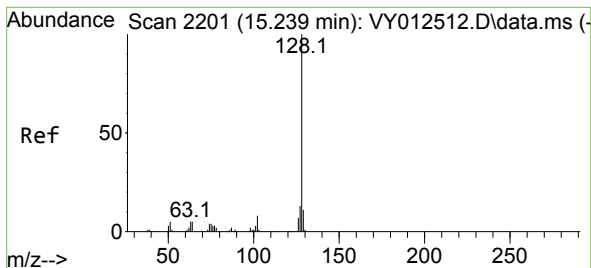
Ion Ratio Lower Upper

225 100

223 62.8 31.1 93.3

227 64.5 31.9 95.5





#95

Naphthalene

Concen: 57.533 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

Instrument :

MSVOA\_Y

ClientSampleId :

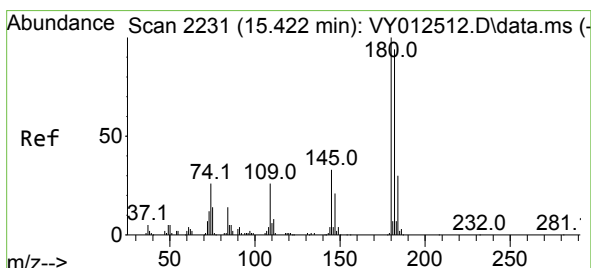
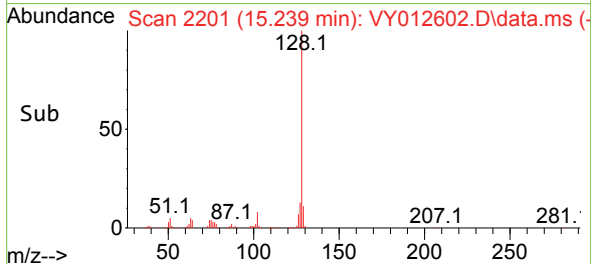
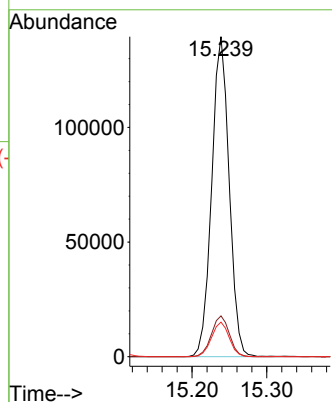
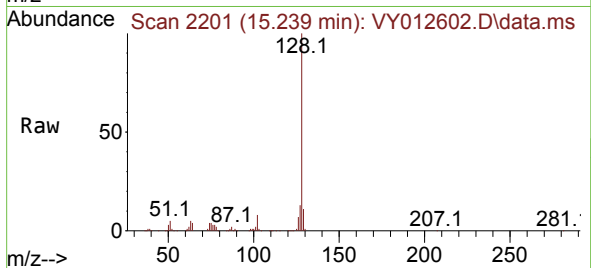
Tgt Ion:128 Resp: 226545

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 53.781 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012602.D

Acq: 15 Feb 2023 09:41

Tgt Ion:180 Resp: 95490

Ion Ratio Lower Upper

180 100

182 95.1 47.4 142.2

145 32.0 16.2 48.6

