

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY072123\  
 Data File : VY014735.D  
 Acq On : 21 Jul 2023 10:36  
 Operator : SY/MD  
 Sample : VY0721SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0721SBS01

Quant Time: Jul 22 05:31:50 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y071323S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 14 02:09:50 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 247325   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 406685   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 357774   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 180353   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.142  | 65    | 145554   | 51.645   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 103.280% |      |
| 35) Dibromofluoromethane    | 7.716  | 113   | 134102   | 51.800   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 103.600% |      |
| 50) Toluene-d8              | 10.179 | 98    | 480902   | 50.385   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 100.760% |      |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 182179   | 49.779   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 99.560%  |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 44885  | 22.276  | ug/l   | 94  |
| 3) Chloromethane             | 2.113 | 50  | 55918  | 24.687  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.247 | 62  | 64229  | 25.373  | ug/l   | 96  |
| 5) Bromomethane              | 2.631 | 94  | 44977  | 26.886  | ug/l   | 99  |
| 6) Chloroethane              | 2.783 | 64  | 40158  | 25.397  | ug/l   | 92  |
| 7) Trichlorofluoromethane    | 3.119 | 101 | 91904  | 21.617  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.527 | 74  | 32983  | 20.851  | ug/l   | 84  |
| 9) 1,1,2-Trichlorotrifluo... | 3.893 | 101 | 54198  | 20.798  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.088 | 142 | 52532  | 20.485  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 4.954 | 59  | 63522  | 97.497  | ug/l # | 88  |
| 12) 1,1-Dichloroethene       | 3.869 | 96  | 49874  | 20.478  | ug/l   | 94  |
| 13) Acrolein                 | 3.728 | 56  | 27350  | 92.846  | ug/l   | 97  |
| 14) Allyl chloride           | 4.472 | 41  | 81790  | 18.914  | ug/l   | 97  |
| 15) Acrylonitrile            | 5.161 | 53  | 93646  | 107.355 | ug/l   | 99  |
| 16) Acetone                  | 3.948 | 43  | 92821  | 103.931 | ug/l   | 94  |
| 17) Carbon Disulfide         | 4.192 | 76  | 141043 | 20.228  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.478 | 43  | 76075  | 22.197  | ug/l   | 92  |
| 19) Methyl tert-butyl Ether  | 5.222 | 73  | 166665 | 21.066  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.716 | 84  | 58029  | 17.234  | ug/l   | 92  |
| 21) trans-1,2-Dichloroethene | 5.222 | 96  | 56286  | 20.365  | ug/l   | 88  |
| 22) Diisopropyl ether        | 6.118 | 45  | 171870 | 19.549  | ug/l   | 94  |
| 23) Vinyl Acetate            | 6.057 | 43  | 522973 | 99.399  | ug/l # | 93  |
| 24) 1,1-Dichloroethane       | 6.021 | 63  | 101828 | 20.242  | ug/l   | 96  |
| 25) 2-Butanone               | 6.990 | 43  | 140490 | 107.523 | ug/l   | 95  |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 95448  | 19.908  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 6.984 | 96  | 66728  | 20.741  | ug/l   | 94  |
| 28) Bromochloromethane       | 7.331 | 49  | 45931  | 21.200  | ug/l   | 91  |
| 29) Tetrahydrofuran          | 7.350 | 42  | 88173  | 109.593 | ug/l   | 93  |
| 30) Chloroform               | 7.508 | 83  | 106093 | 20.451  | ug/l   | 92  |
| 31) Cyclohexane              | 7.783 | 56  | 89774  | 19.189  | ug/l   | 87  |
| 32) 1,1,1-Trichloroethane    | 7.703 | 97  | 96313  | 20.629  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 79359  | 20.498  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.075 | 43  | 57017  | 21.390  | ug/l # | 94  |
| 38) Carbon Tetrachloride     | 7.898 | 117 | 84990  | 20.767  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.185 | 83  | 101321 | 20.088  | ug/l   | 95  |
| 40) Benzene                  | 8.161 | 78  | 227389 | 20.651  | ug/l   | 98  |

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 ALS Vial : 5 Sample Multiplier: 1

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 MSVOA\_Y  
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Quant Time: Jul 22 05:31:50 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y071323S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 14 02:09:50 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.350  | 41   | 79117    | 57.705  | ug/l # | 28       |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 73221    | 20.999  | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.276  | 43   | 104894   | 20.658  | ug/l   | 96       |
| 44) Trichloroethene           | 8.941  | 130  | 63510    | 20.615  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.221  | 63   | 57621    | 20.041  | ug/l   | 98       |
| 46) Dibromomethane            | 9.307  | 93   | 37185    | 21.319  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.496  | 83   | 84401    | 20.531  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.294  | 41   | 46090    | 20.172  | ug/l   | 90       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 12889    | 453.178 | ug/l # | 54       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 283816   | 106.458 | ug/l   | 93       |
| 52) Toluene                   | 10.246 | 92   | 143865   | 20.418  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 90832    | 20.199  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 99316    | 20.310  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 52385    | 21.561  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 76657    | 20.664  | ug/l   | 89       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 87005    | 20.762  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 196134   | 113.470 | ug/l   | 94       |
| 59) 2-Hexanone                | 10.831 | 43   | 209468   | 107.741 | ug/l   | 92       |
| 60) Dibromochloromethane      | 10.983 | 129  | 63044    | 21.163  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 51300    | 21.165  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.721 | 164  | 63098    | 21.928  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.514 | 112  | 158686   | 20.814  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 59763    | 20.790  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 278800   | 20.254  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 217490   | 41.391  | ug/l   | 95       |
| 69) o-Xylene                  | 12.032 | 106  | 105620   | 20.637  | ug/l   | 97       |
| 70) Styrene                   | 12.044 | 104  | 178465   | 20.689  | ug/l   | 98       |
| 71) Bromoform                 | 12.209 | 173  | 41431    | 21.263  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 278795   | 19.742  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 93107    | 19.686  | ug/l # | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 65563    | 20.359  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.635 | 75   | 87435    | 38.386  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 66465    | 20.619  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.672 | 91   | 337696   | 19.845  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 191994   | 19.588  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 235067   | 19.932  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 23303    | 19.808  | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 197059   | 19.522  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.074 | 119  | 204898   | 19.585  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 233166   | 20.145  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 308614   | 20.109  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 256854   | 20.499  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 130020   | 20.724  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 129329   | 20.571  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.696 | 91   | 243453   | 19.971  | ug/l   | 97       |
| 90) Hexachloroethane          | 13.958 | 117  | 49903    | 19.390  | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 118613   | 20.635  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 12678    | 20.586  | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 73547    | 20.157  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 41005    | 20.450  | ug/l   | 97       |
| 95) Naphthalene               | 15.232 | 128  | 175733   | 20.672  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 64721    | 19.958  | ug/l   | 98       |

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y071323S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 14 02:09:50 2023  
Response via : Initial Calibration

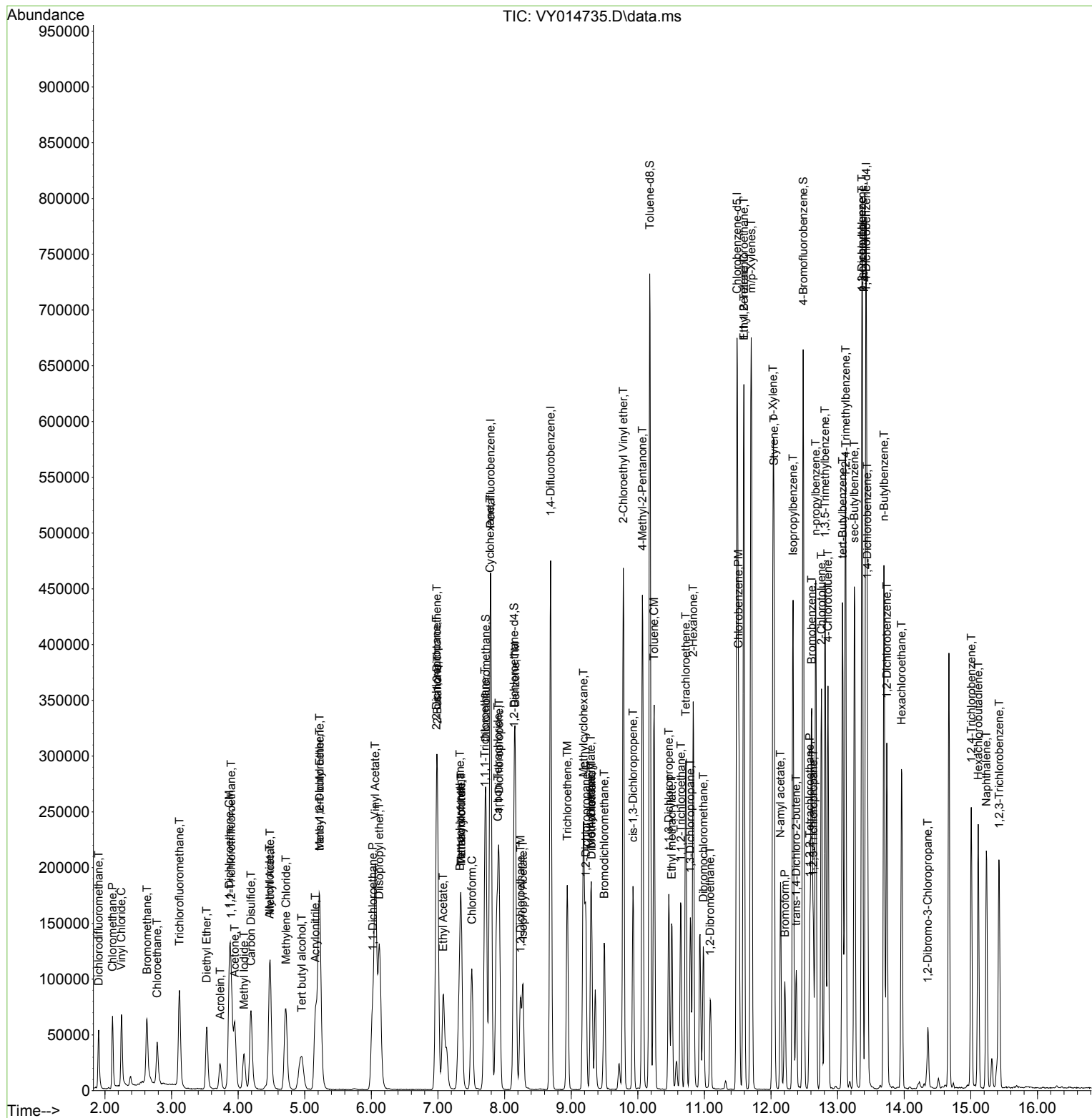
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

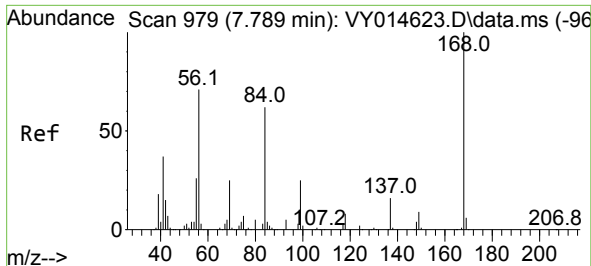
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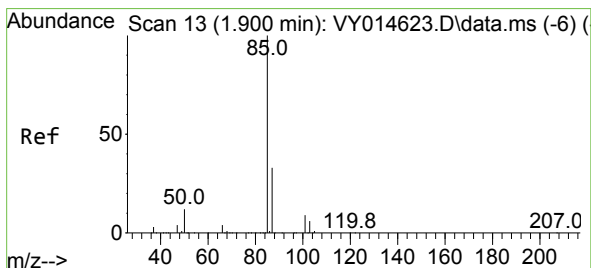
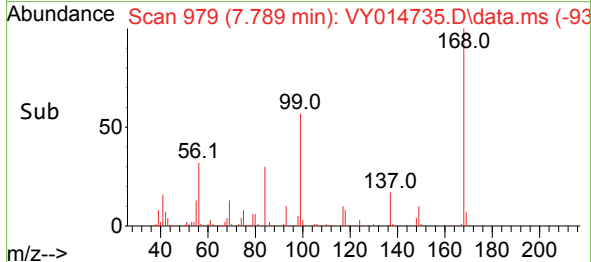
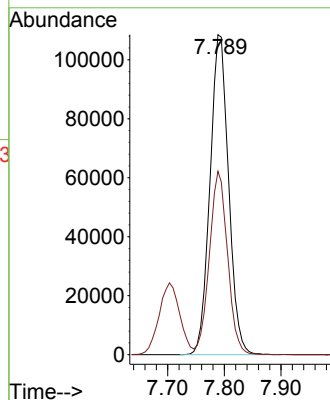
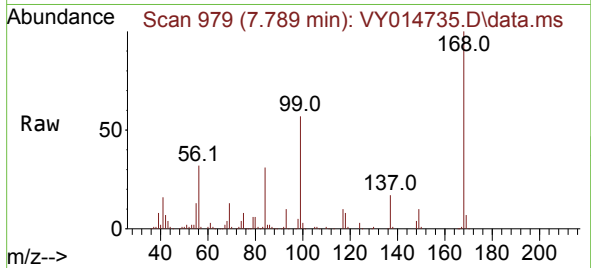




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

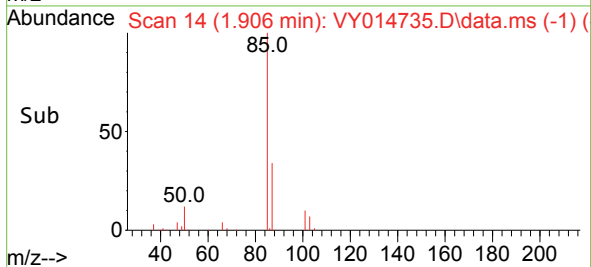
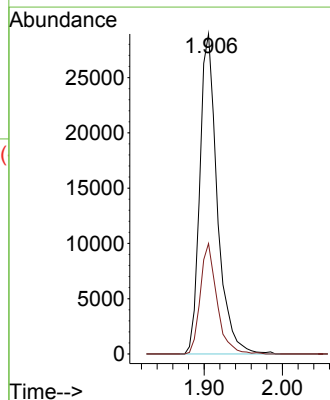
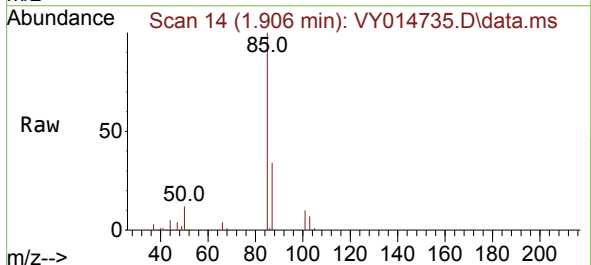
Instrument :  
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VY0721SBS01

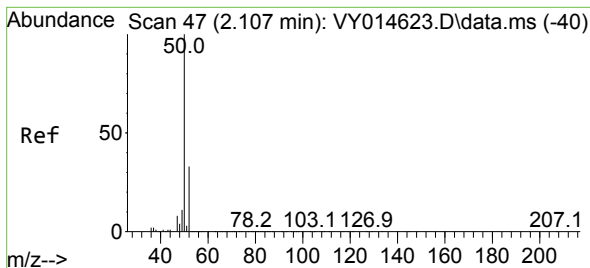
Tgt Ion:168 Resp: 247325  
Ion Ratio Lower Upper  
168 100  
99 57.3 43.4 65.0



#2  
Dichlorodifluoromethane  
Concen: 22.276 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. 0.006 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

Tgt Ion: 85 Resp: 44885  
Ion Ratio Lower Upper  
85 100  
87 34.5 15.6 46.8





#3

Chloromethane

Concen: 24.687 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA\_Y

ClientSampleId :

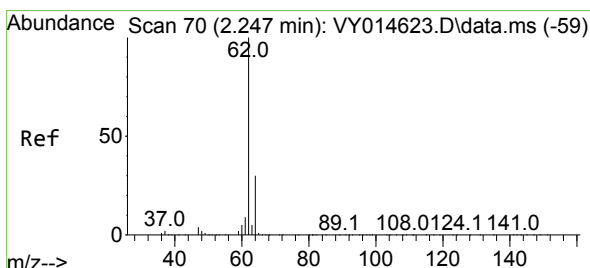
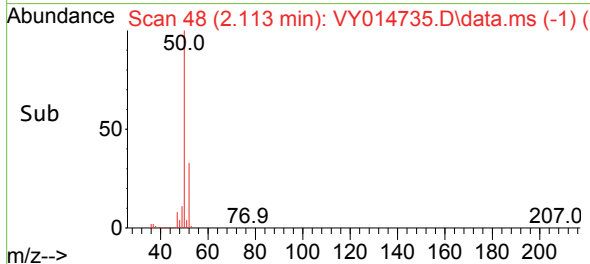
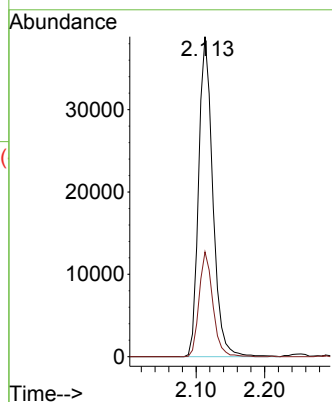
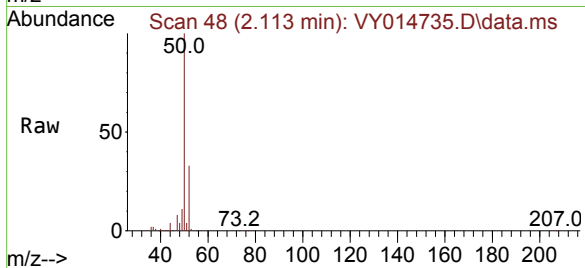
VY0721SBS01

Tgt Ion: 50 Resp: 55918

Ion Ratio Lower Upper

50 100

52 32.7 25.4 38.2



#4

Vinyl Chloride

Concen: 25.373 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.000 min

Lab File: VY014735.D

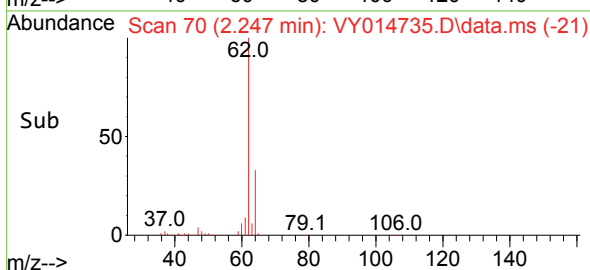
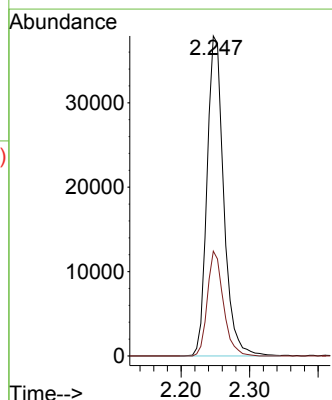
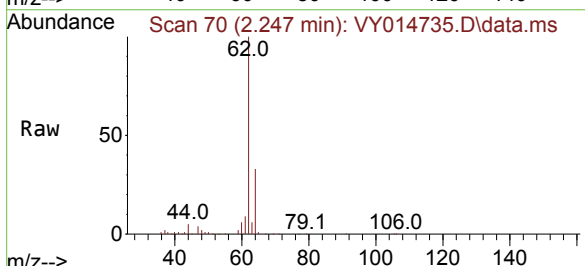
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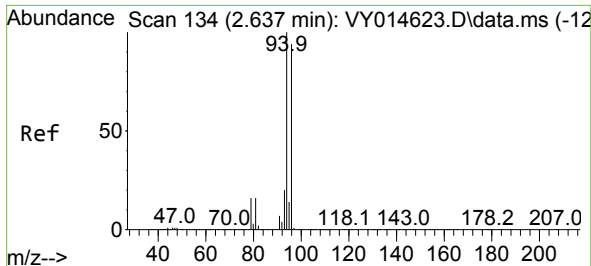
Tgt Ion: 62 Resp: 64229

Ion Ratio Lower Upper

62 100

64 32.8 24.3 36.5

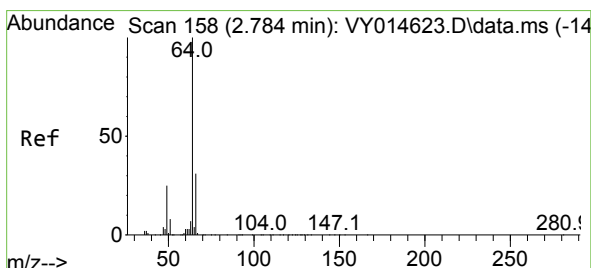
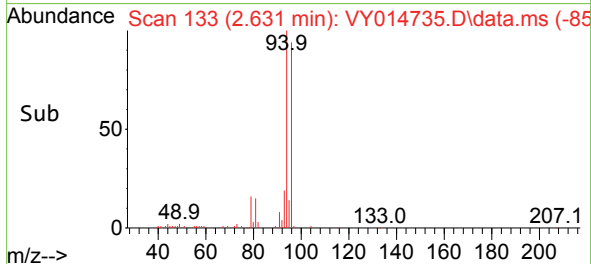
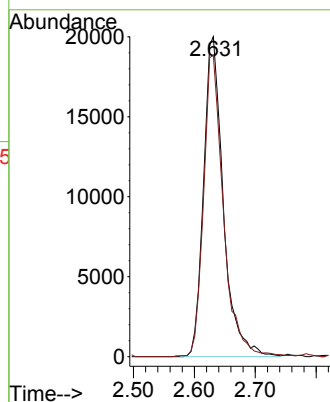
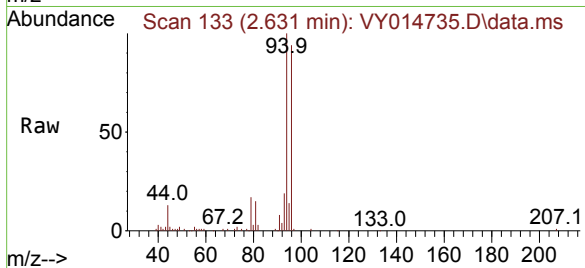




#5  
Bromomethane  
Concen: 26.886 ug/l  
RT: 2.631 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

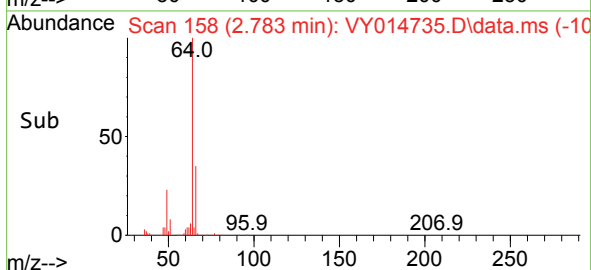
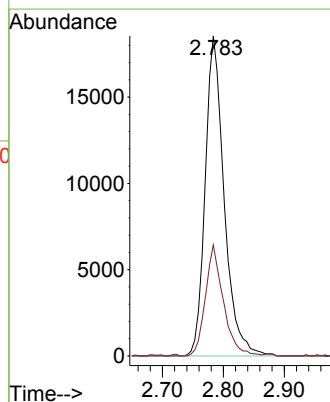
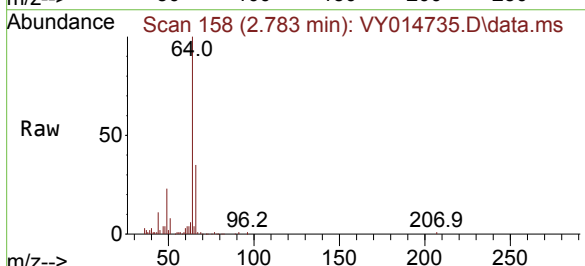
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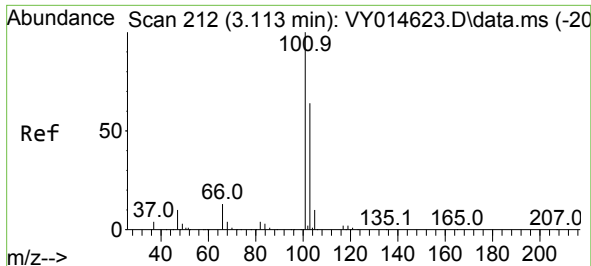
Tgt Ion: 94 Resp: 44977  
Ion Ratio Lower Upper  
94 100  
96 93.9 75.8 113.6



#6  
Chloroethane  
Concen: 25.397 ug/l  
RT: 2.783 min Scan# 158  
Delta R.T. -0.001 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

Tgt Ion: 64 Resp: 40158  
Ion Ratio Lower Upper  
64 100  
66 34.7 24.4 36.6

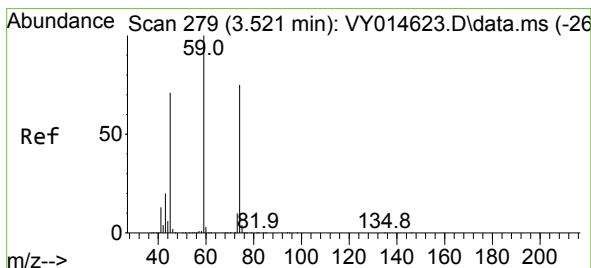
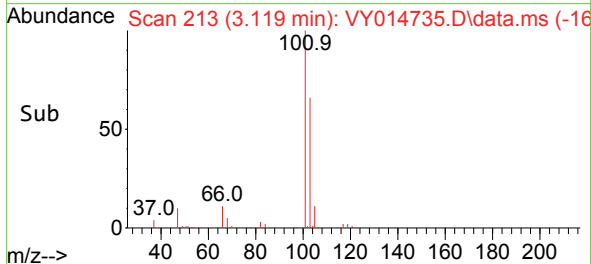
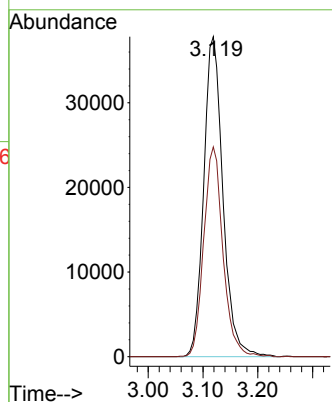
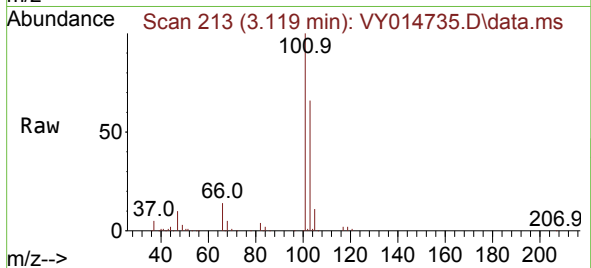




#7  
 Trichlorofluoromethane  
 Concen: 21.617 ug/l  
 RT: 3.119 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VY014735.D  
 Acq: 21 Jul 2023 10:36

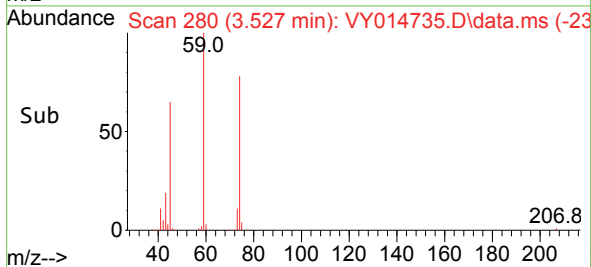
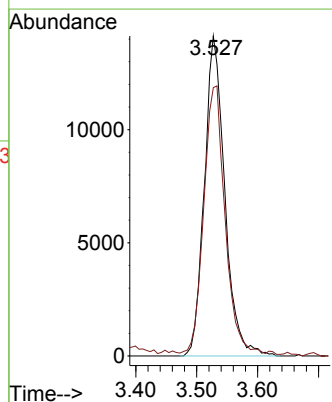
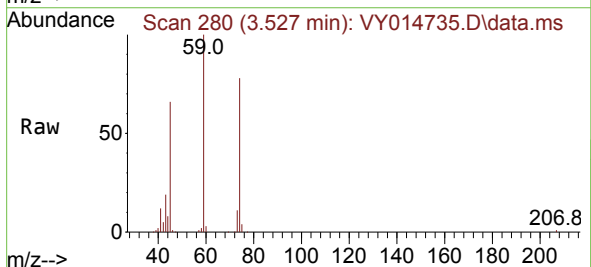
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0721SBS01

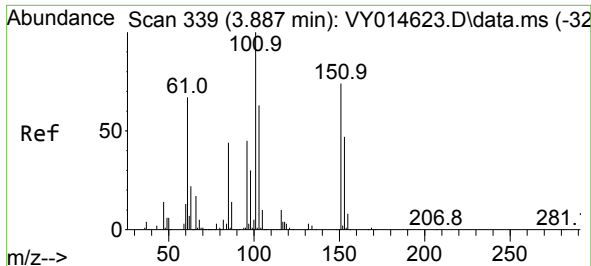
Tgt Ion:101 Resp: 91904  
 Ion Ratio Lower Upper  
 101 100  
 103 65.5 51.4 77.0



#8  
 Diethyl Ether  
 Concen: 20.851 ug/l  
 RT: 3.527 min Scan# 280  
 Delta R.T. 0.006 min  
 Lab File: VY014735.D  
 Acq: 21 Jul 2023 10:36

Tgt Ion: 74 Resp: 32983  
 Ion Ratio Lower Upper  
 74 100  
 45 86.7 51.5 154.5

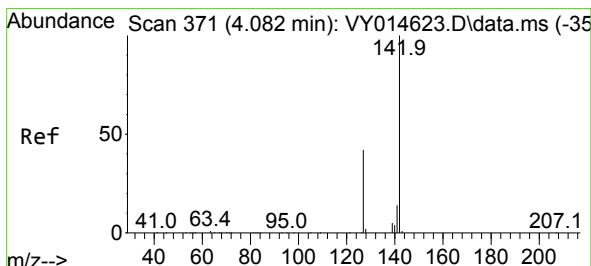
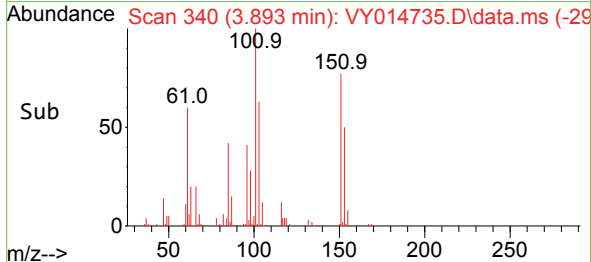
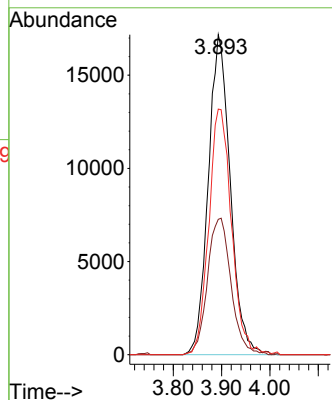
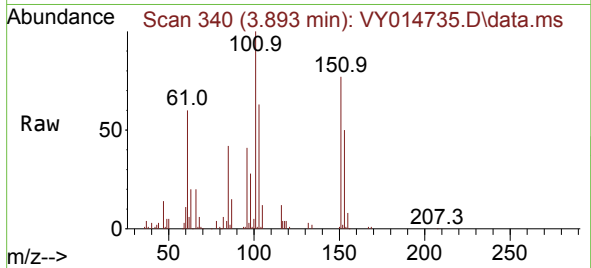




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.798 ug/l  
RT: 3.893 min Scan# 34  
Delta R.T. 0.006 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

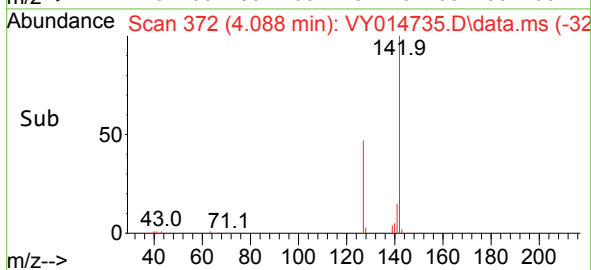
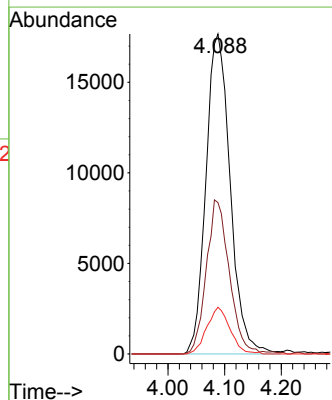
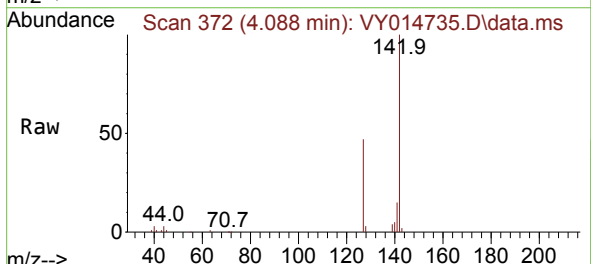
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0721SBS01

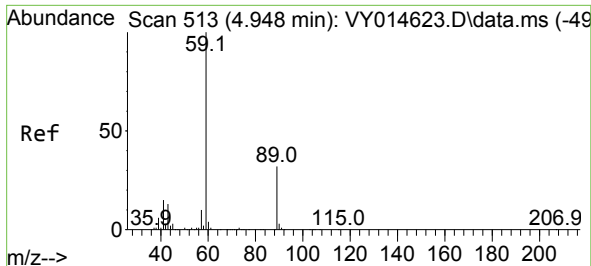
Tgt Ion:101 Resp: 54198  
Ion Ratio Lower Upper  
101 100  
85 45.7 36.6 55.0  
151 79.4 67.0 100.6



#10  
Methyl Iodide  
Concen: 20.485 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. 0.006 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

Tgt Ion:142 Resp: 52532  
Ion Ratio Lower Upper  
142 100  
127 45.9 37.6 56.4  
141 14.0 11.8 17.8

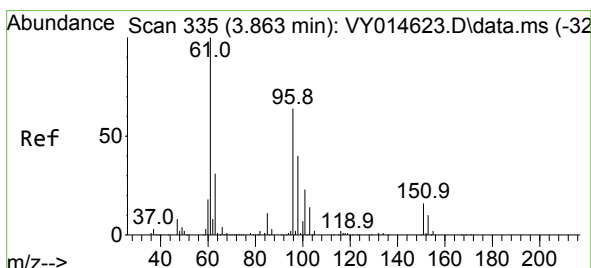
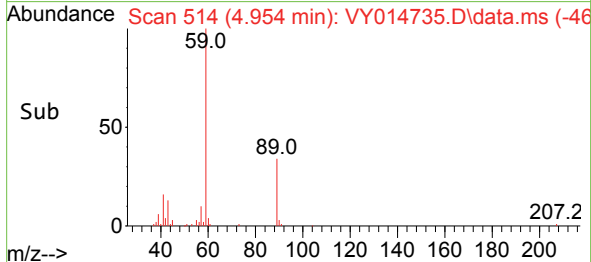
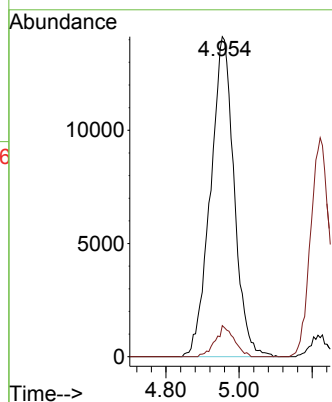
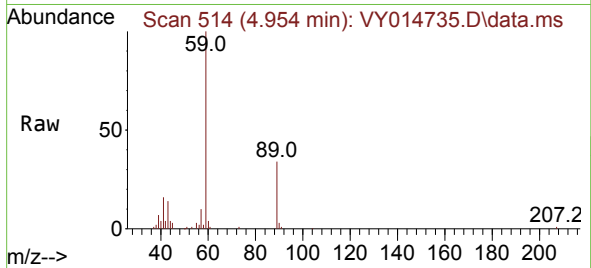




#11  
Tert butyl alcohol  
Concen: 97.497 ug/l  
RT: 4.954 min Scan# 513  
Delta R.T. 0.006 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

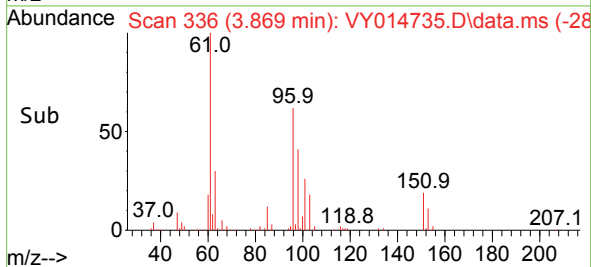
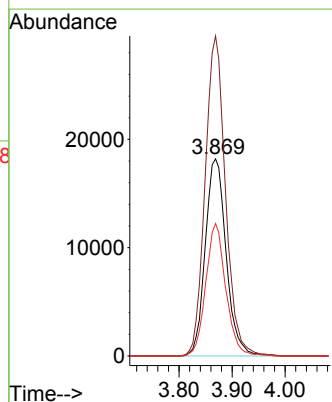
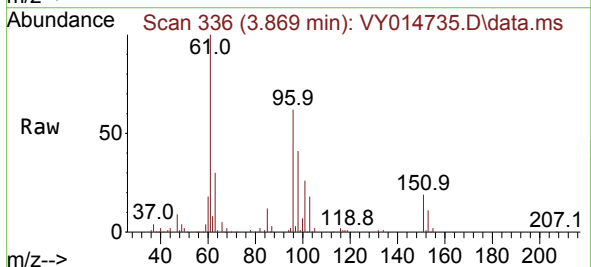
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0721SBS01

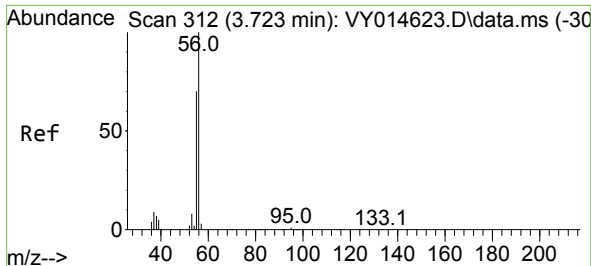
Tgt Ion: 59 Resp: 63522  
Ion Ratio Lower Upper  
59 100  
57 7.7 3.0 4.4#



#12  
1,1-Dichloroethene  
Concen: 20.478 ug/l  
RT: 3.869 min Scan# 336  
Delta R.T. 0.006 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

Tgt Ion: 96 Resp: 49874  
Ion Ratio Lower Upper  
96 100  
61 162.4 136.4 204.6  
98 67.2 49.4 74.2





#13

Acrolein

Concen: 92.846 ug/l

RT: 3.728 min Scan# 312

Delta R.T. 0.005 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA\_Y

ClientSampleId :

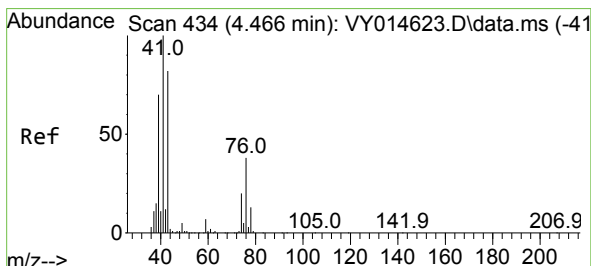
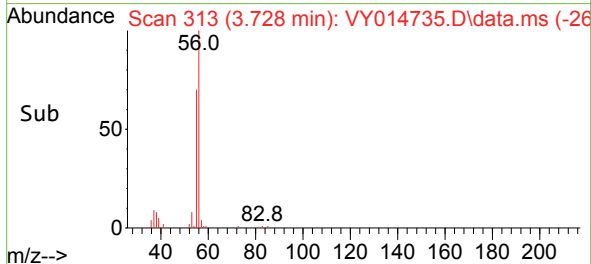
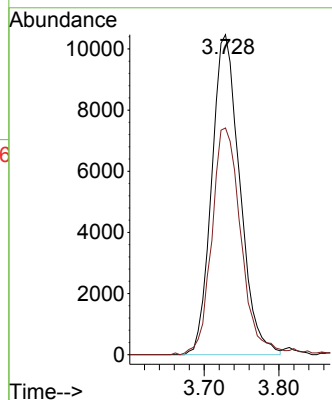
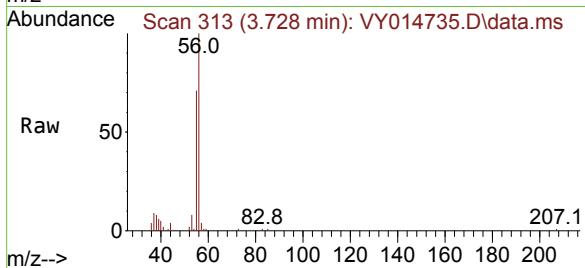
VY0721SBS01

Tgt Ion: 56 Resp: 27350

Ion Ratio Lower Upper

56 100

55 73.4 57.0 85.4



#14

Allyl chloride

Concen: 18.914 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

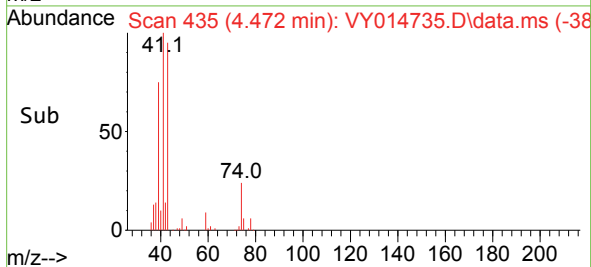
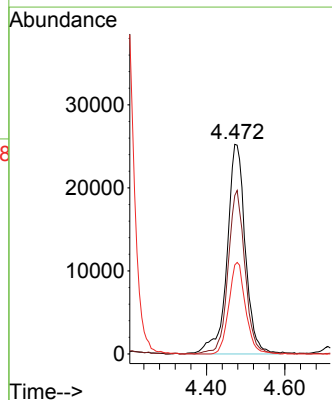
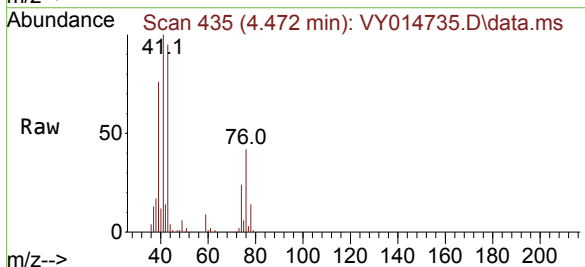
Tgt Ion: 41 Resp: 81790

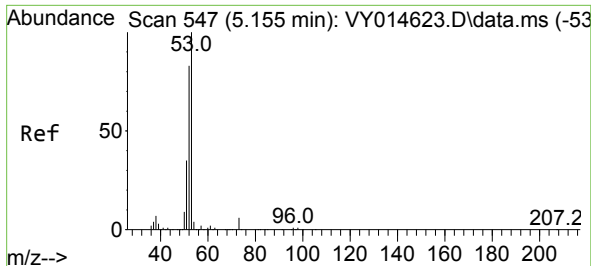
Ion Ratio Lower Upper

41 100

39 72.5 58.0 87.0

76 39.8 27.4 41.2

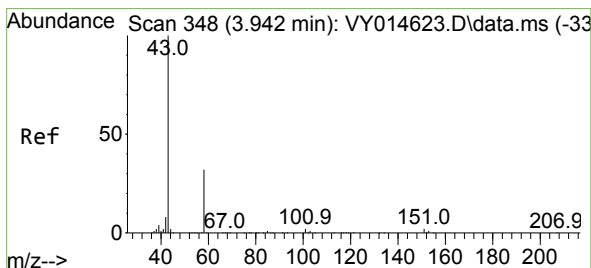
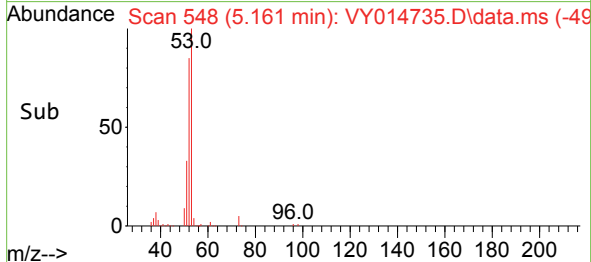
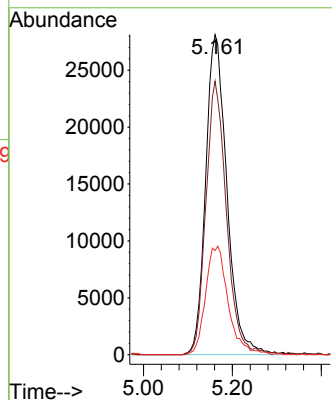
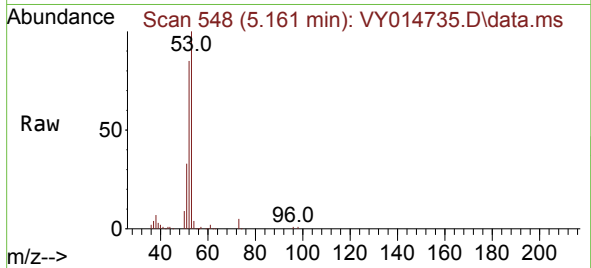




#15  
Acrylonitrile  
Concen: 107.355 ug/l  
RT: 5.161 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

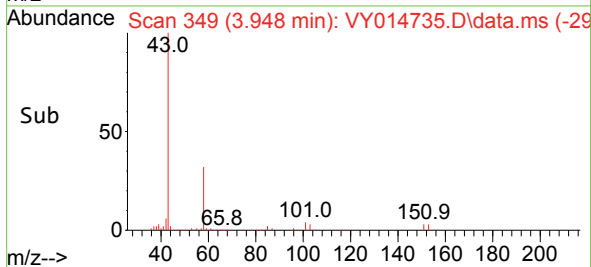
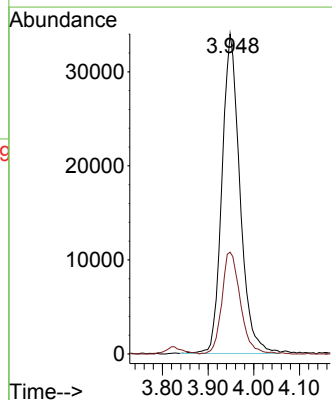
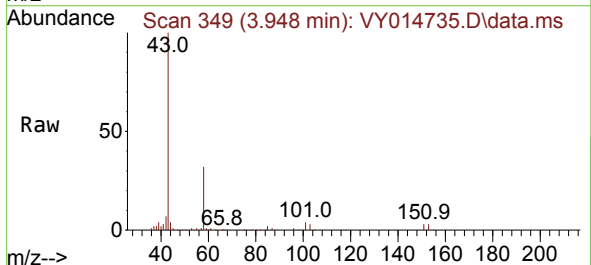
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0721SBS01

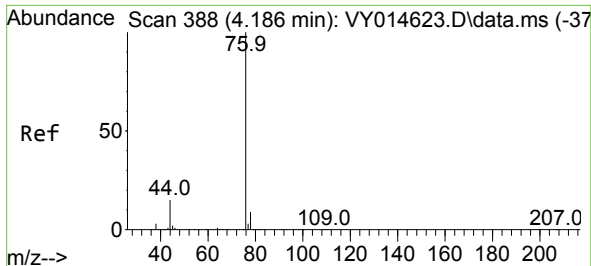
Tgt Ion: 53 Resp: 93646  
Ion Ratio Lower Upper  
53 100  
52 82.7 66.9 100.3  
51 36.1 29.8 44.6



#16  
Acetone  
Concen: 103.931 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. 0.006 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

Tgt Ion: 43 Resp: 92821  
Ion Ratio Lower Upper  
43 100  
58 31.5 22.7 34.1

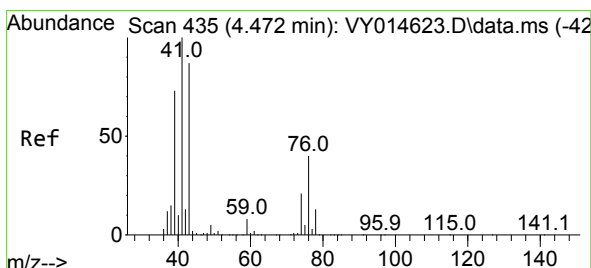
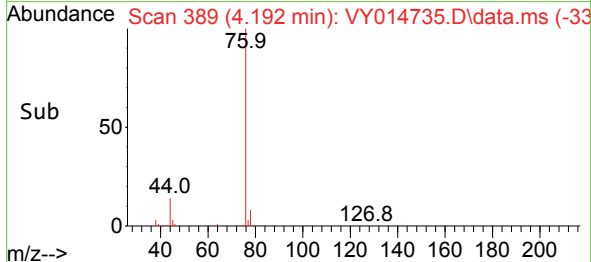
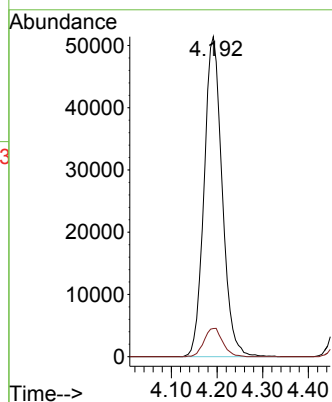
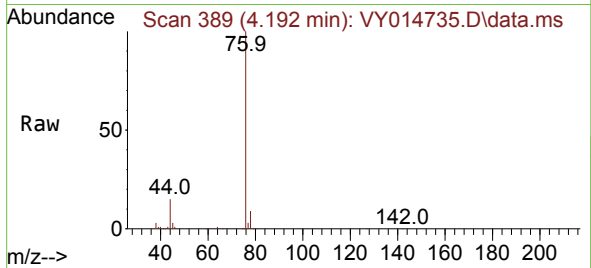




#17  
Carbon Disulfide  
Concen: 20.228 ug/l  
RT: 4.192 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

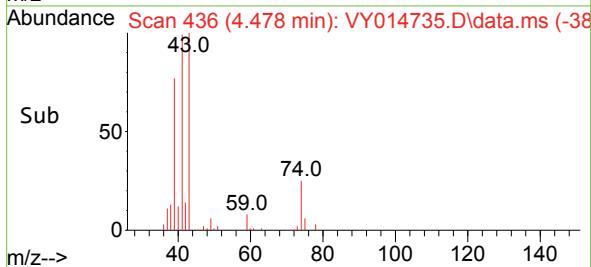
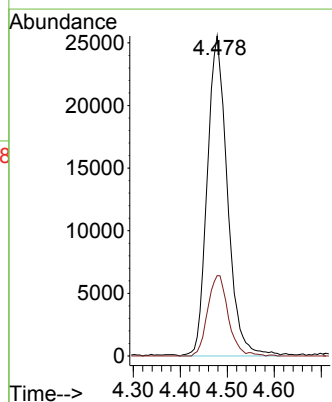
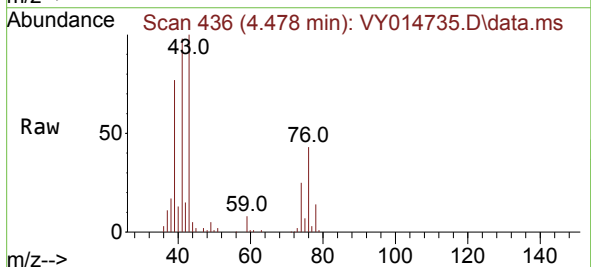
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0721SBS01

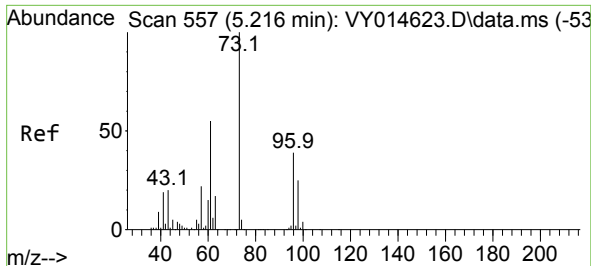
Tgt Ion: 76 Resp: 141043  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.0 10.4



#18  
Methyl Acetate  
Concen: 22.197 ug/l  
RT: 4.478 min Scan# 436  
Delta R.T. 0.006 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

Tgt Ion: 43 Resp: 76075  
Ion Ratio Lower Upper  
43 100  
74 25.6 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 21.066 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA\_Y

ClientSampleId :

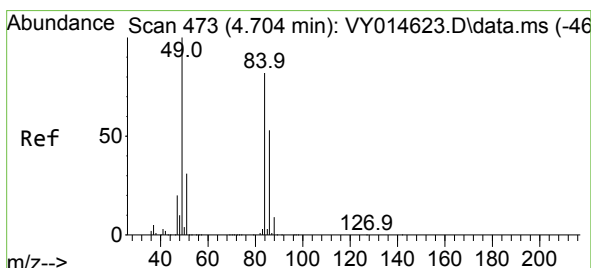
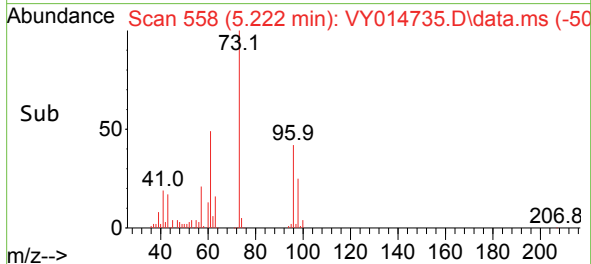
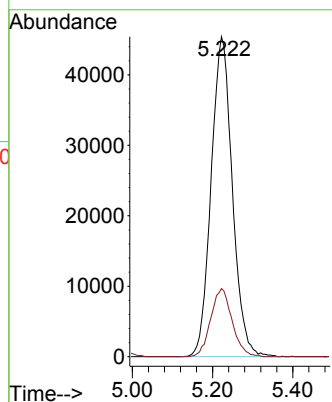
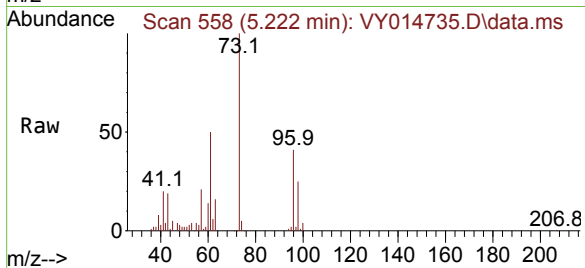
VY0721SBS01

Tgt Ion: 73 Resp: 166665

Ion Ratio Lower Upper

73 100

57 21.3 17.3 25.9



#20

Methylene Chloride

Concen: 17.234 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Tgt Ion: 84 Resp: 58029

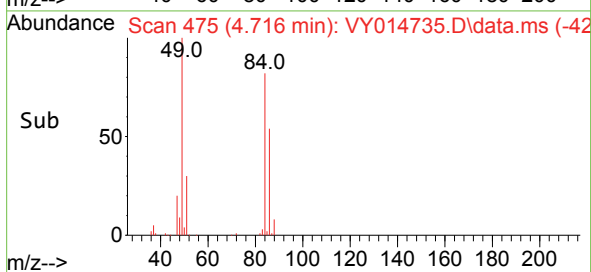
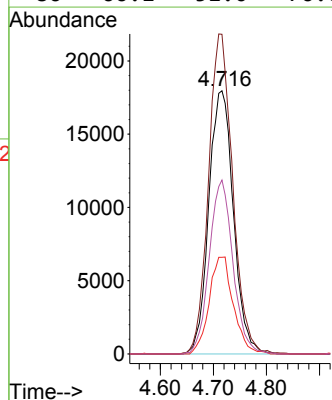
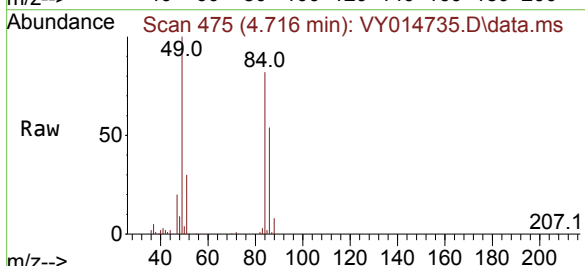
Ion Ratio Lower Upper

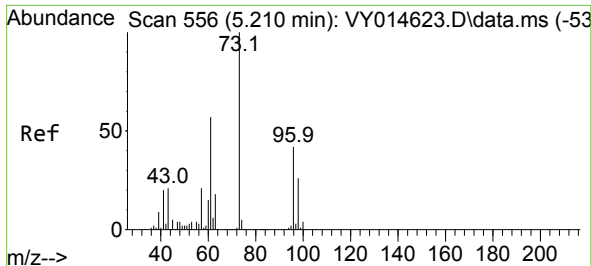
84 100

49 121.5 106.9 160.3

51 36.7 33.2 49.8

86 66.1 51.0 76.6

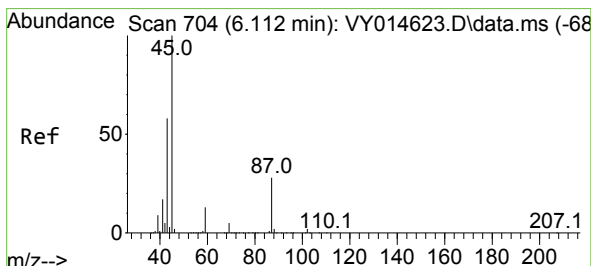
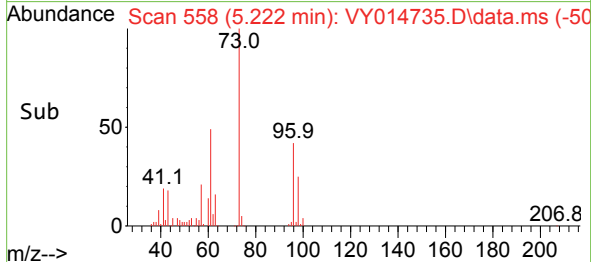
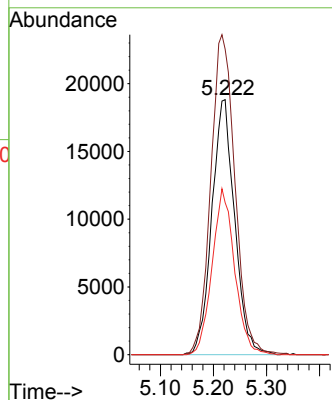
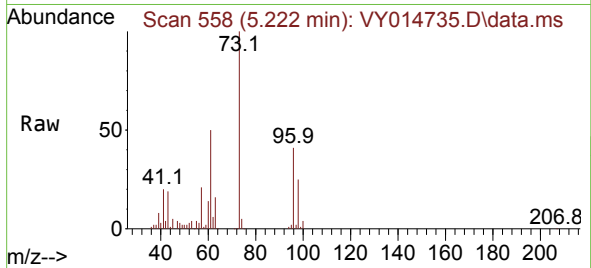




#21  
trans-1,2-Dichloroethene  
Concen: 20.365 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

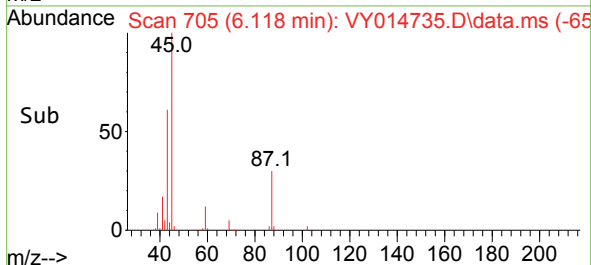
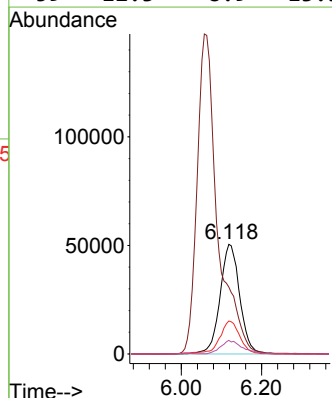
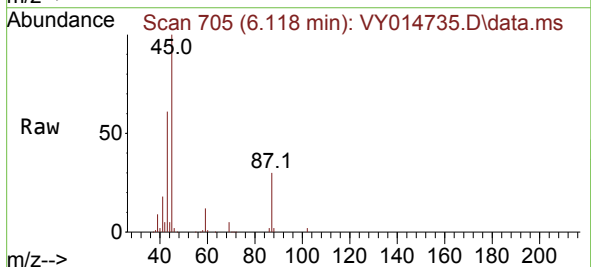
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0721SBS01

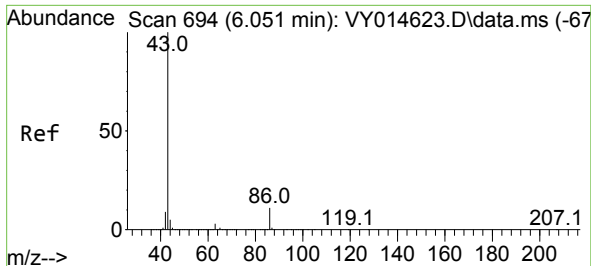
Tgt Ion: 96 Resp: 56286  
Ion Ratio Lower Upper  
96 100  
61 119.8 110.2 165.4  
98 59.6 51.8 77.6



#22  
Diisopropyl ether  
Concen: 19.549 ug/l  
RT: 6.118 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

Tgt Ion: 45 Resp: 171870  
Ion Ratio Lower Upper  
45 100  
43 60.5 52.2 78.4  
87 30.1 21.0 31.6  
59 12.3 8.9 13.3

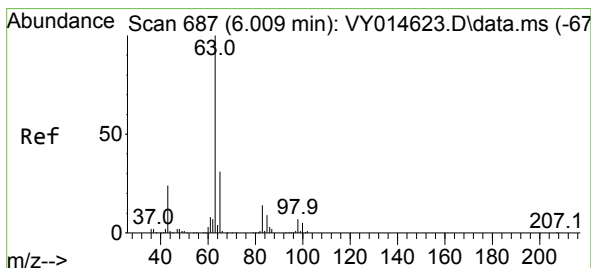
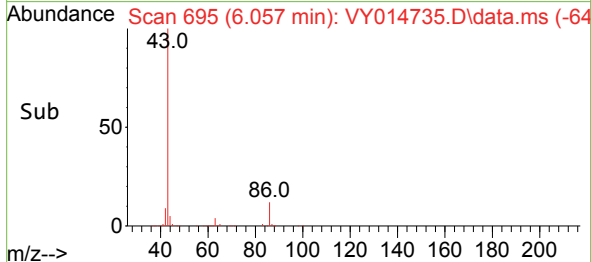
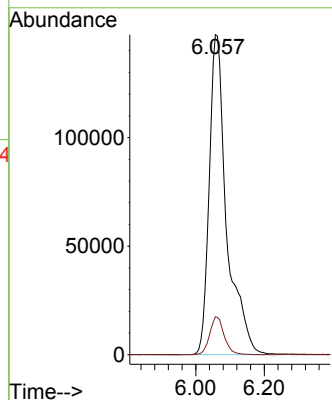
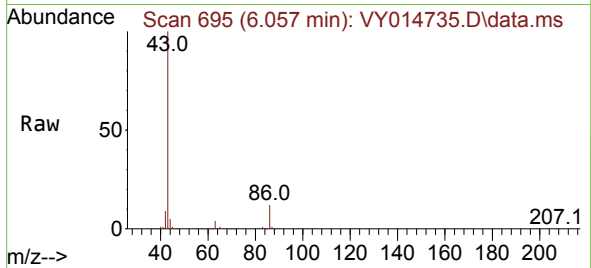




#23  
 Vinyl Acetate  
 Concen: 99.399 ug/l  
 RT: 6.057 min Scan# 61  
 Delta R.T. 0.006 min  
 Lab File: VY014735.D  
 Acq: 21 Jul 2023 10:36

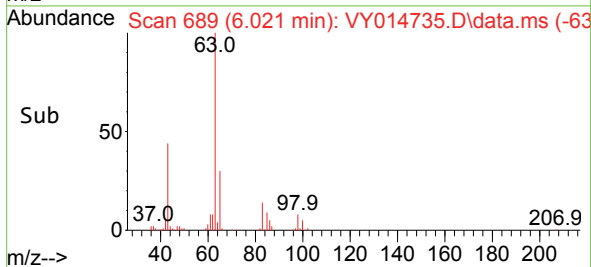
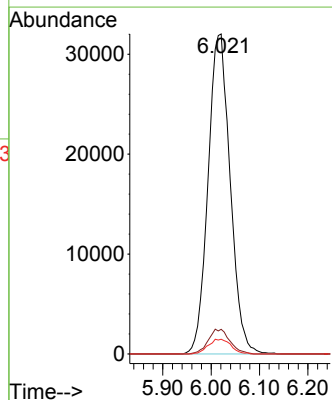
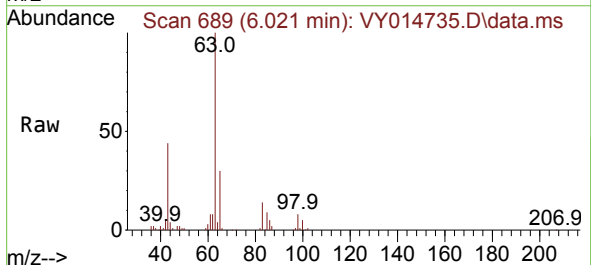
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0721SBS01

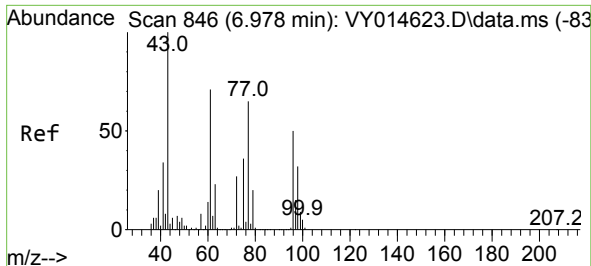
Tgt Ion: 43 Resp: 522973  
 Ion Ratio Lower Upper  
 43 100  
 86 11.8 7.5 11.3#



#24  
 1,1-Dichloroethane  
 Concen: 20.242 ug/l  
 RT: 6.021 min Scan# 689  
 Delta R.T. 0.012 min  
 Lab File: VY014735.D  
 Acq: 21 Jul 2023 10:36

Tgt Ion: 63 Resp: 101828  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 3.1 9.4  
 100 4.6 1.8 5.5





#25

2-Butanone

Concen: 107.523 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA\_Y

ClientSampleId :

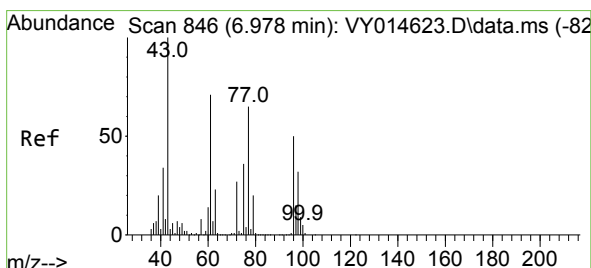
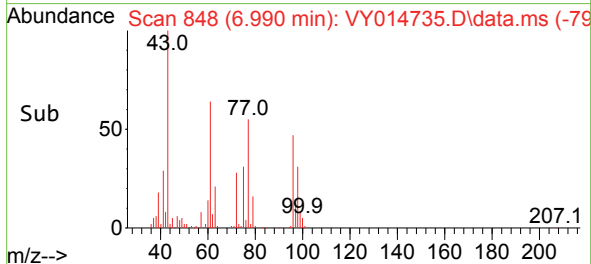
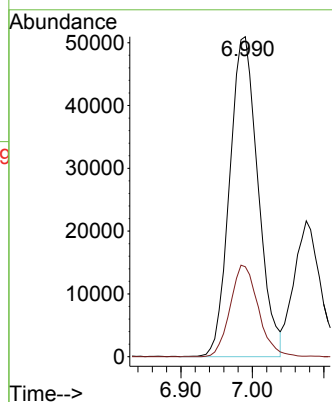
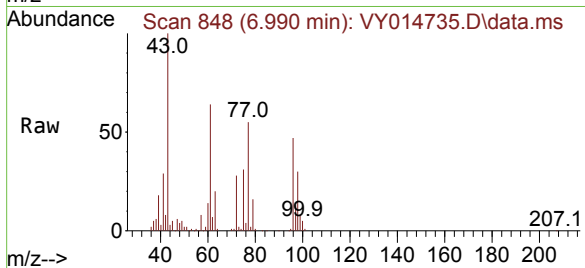
VY0721SBS01

Tgt Ion: 43 Resp: 140490

Ion Ratio Lower Upper

43 100

72 28.1 20.5 30.7



#26

2,2-Dichloropropane

Concen: 19.908 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY014735.D

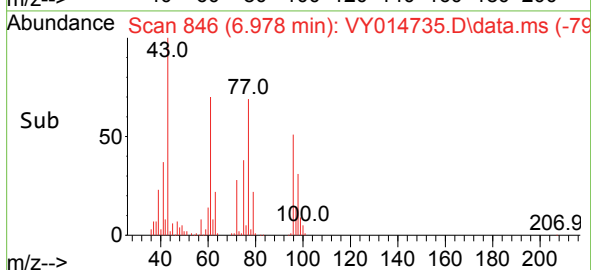
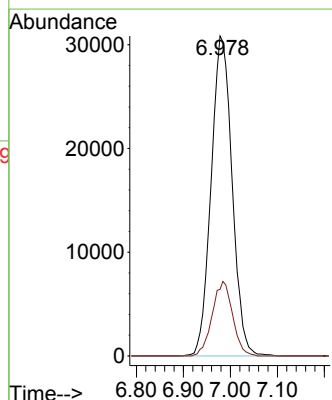
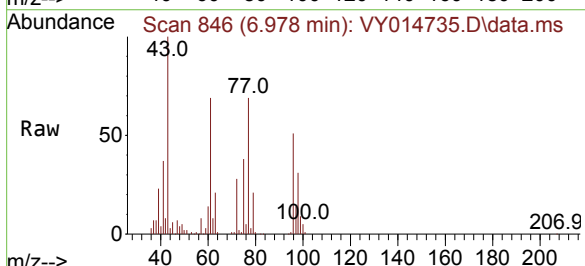
Acq: 21 Jul 2023 10:36

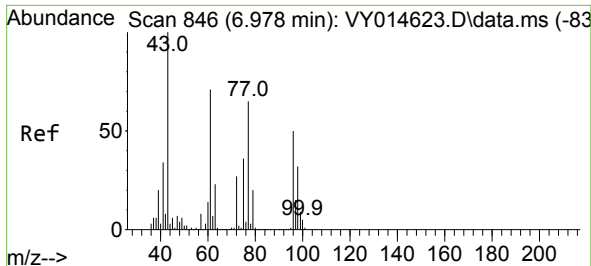
Tgt Ion: 77 Resp: 95448

Ion Ratio Lower Upper

77 100

97 22.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.741 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA\_Y

ClientSampleId :

VY0721SBS01

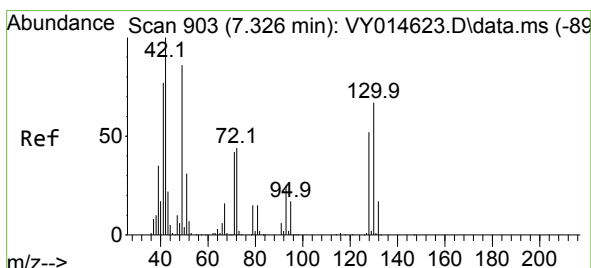
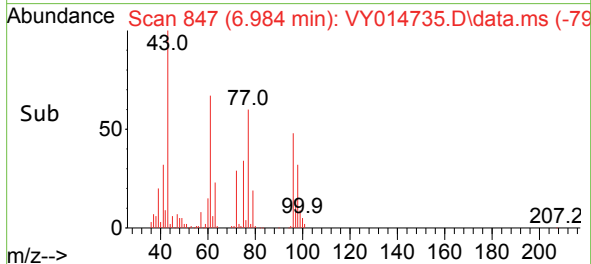
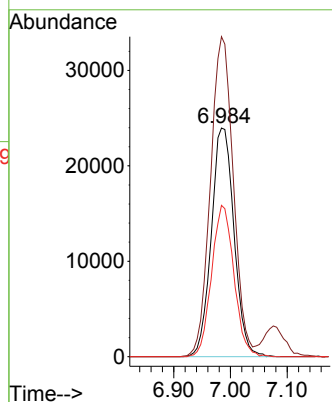
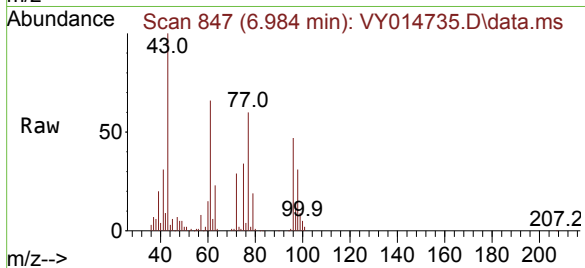
Tgt Ion: 96 Resp: 66728

Ion Ratio Lower Upper

96 100

61 140.6 0.0 301.4

98 65.0 0.0 130.4



#28

Bromochloromethane

Concen: 21.200 ug/l

RT: 7.331 min Scan# 904

Delta R.T. 0.005 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

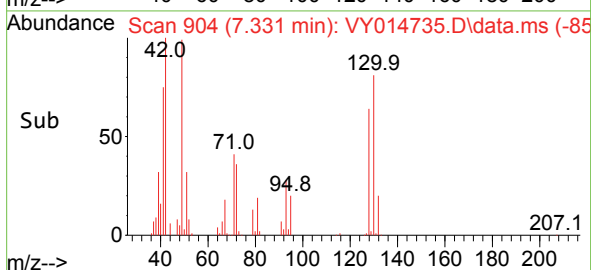
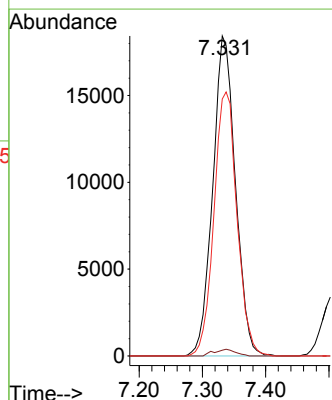
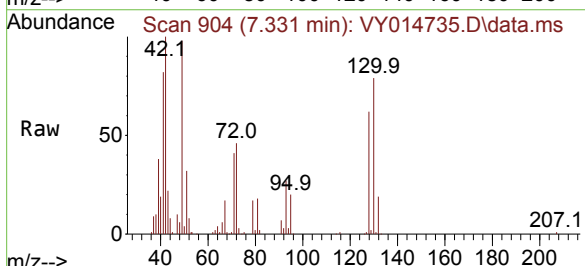
Tgt Ion: 49 Resp: 45931

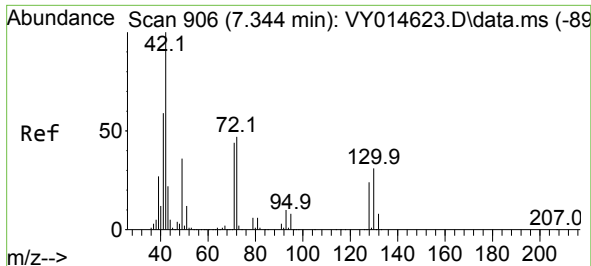
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 83.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 109.593 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA\_Y

ClientSampleId :

VY0721SBS01

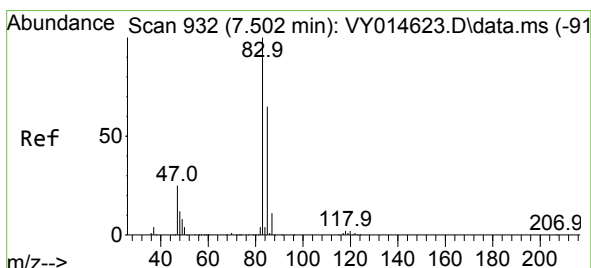
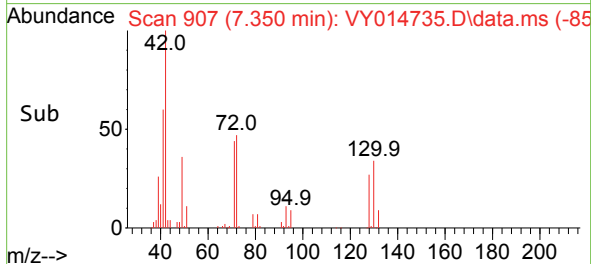
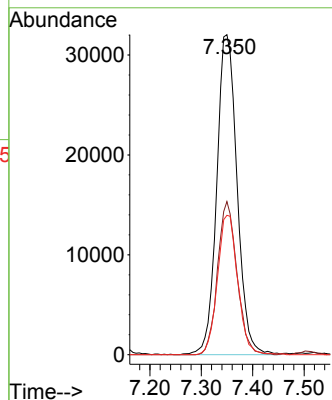
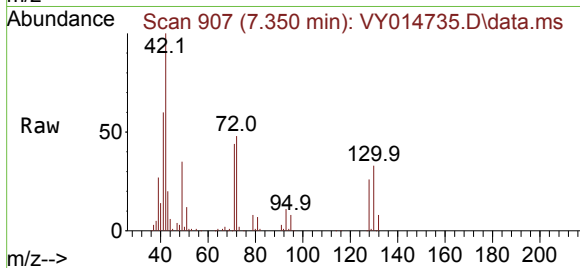
Tgt Ion: 42 Resp: 88173

Ion Ratio Lower Upper

42 100

72 45.5 32.8 49.2

71 43.3 31.0 46.4



#30

Chloroform

Concen: 20.451 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY014735.D

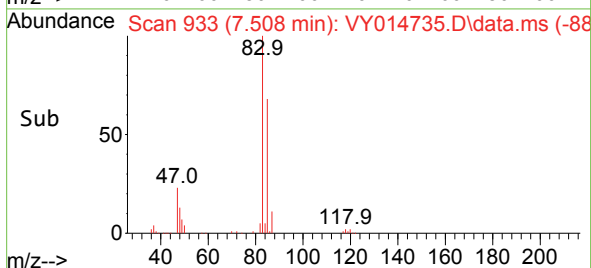
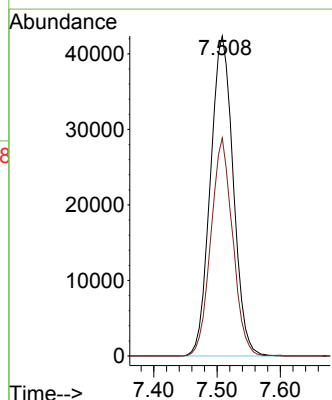
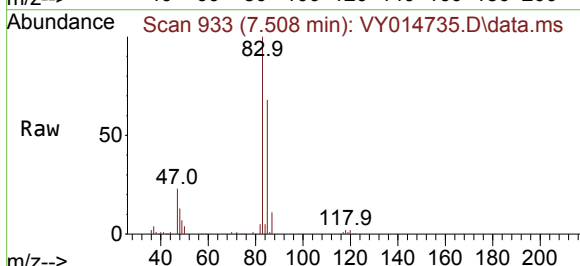
Acq: 21 Jul 2023 10:36

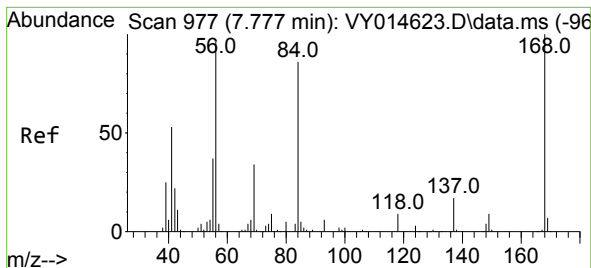
Tgt Ion: 83 Resp: 106093

Ion Ratio Lower Upper

83 100

85 68.1 49.7 74.5





#31

Cyclohexane

Concen: 19.189 ug/l

RT: 7.783 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA\_Y

ClientSampleId :

VY0721SBS01

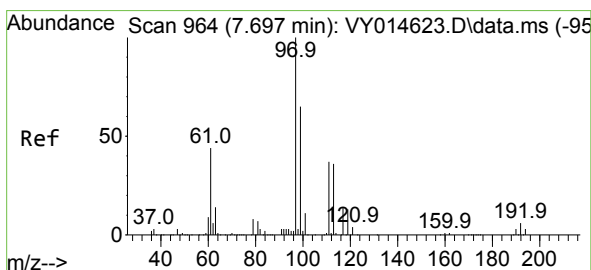
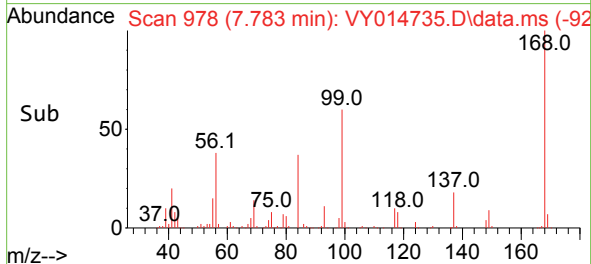
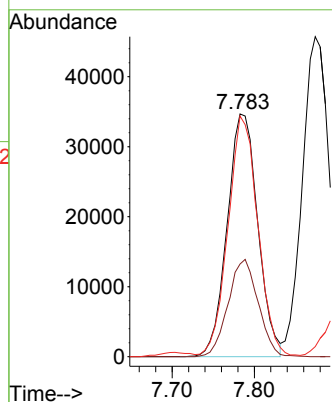
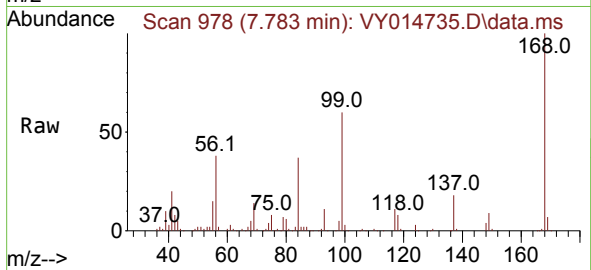
Tgt Ion: 56 Resp: 89774

Ion Ratio Lower Upper

56 100

69 38.2 27.8 41.6

84 97.6 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 20.629 ug/l

RT: 7.703 min Scan# 965

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

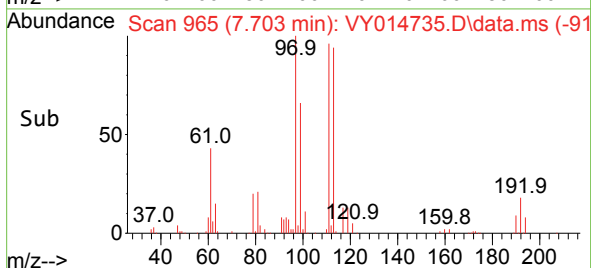
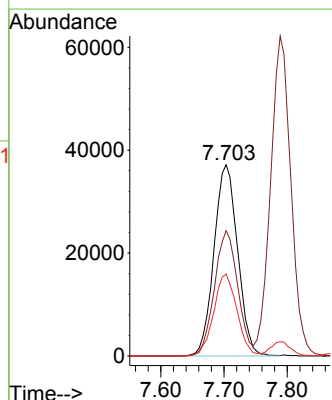
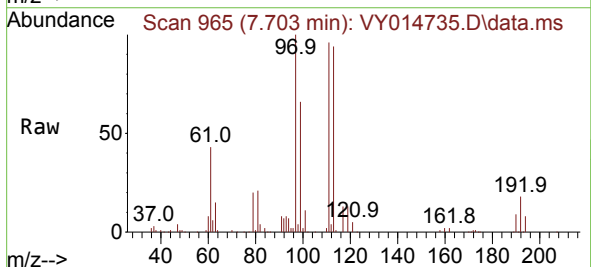
Tgt Ion: 97 Resp: 96313

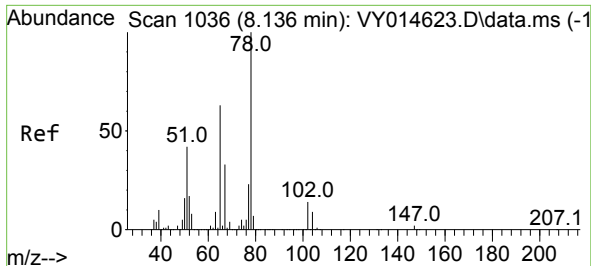
Ion Ratio Lower Upper

97 100

99 64.7 50.8 76.2

61 42.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.645 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA\_Y

ClientSampleId :

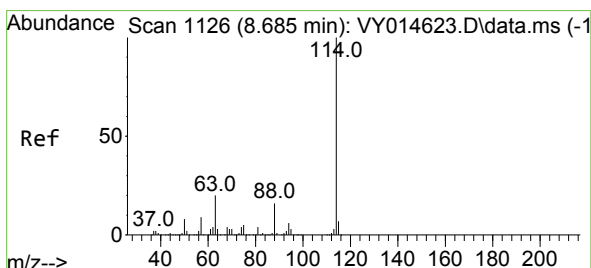
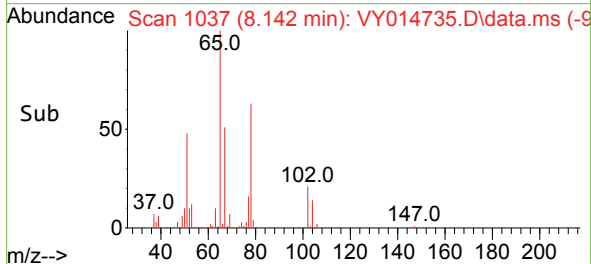
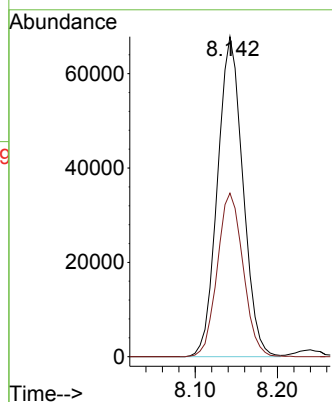
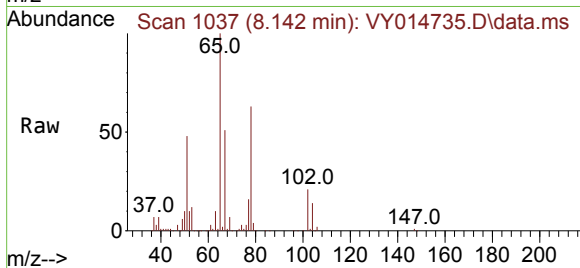
VY0721SBS01

Tgt Ion: 65 Resp: 145554

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

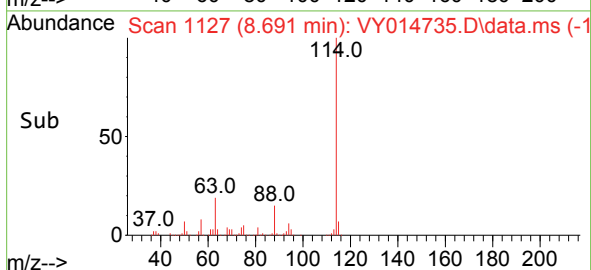
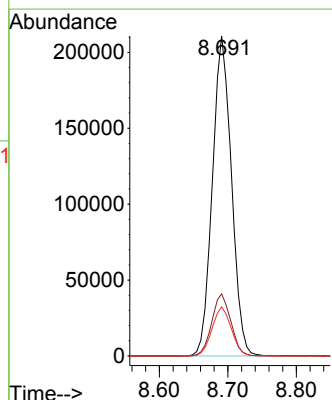
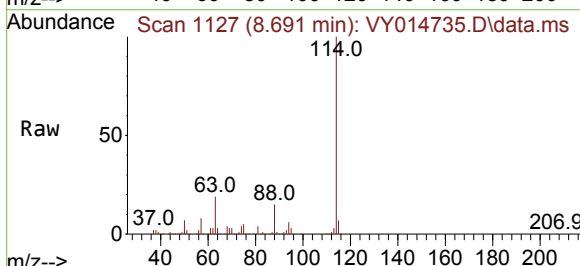
Tgt Ion:114 Resp: 406685

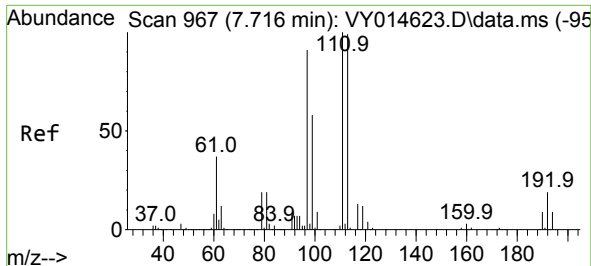
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.4 0.0 30.6

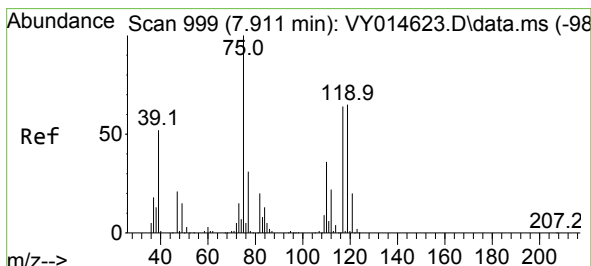
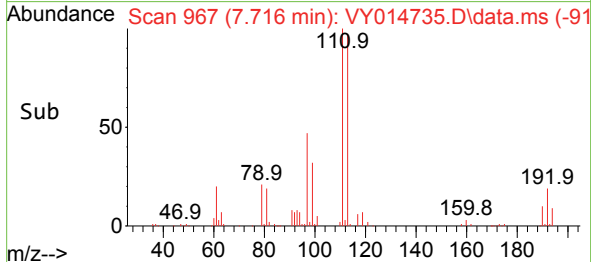
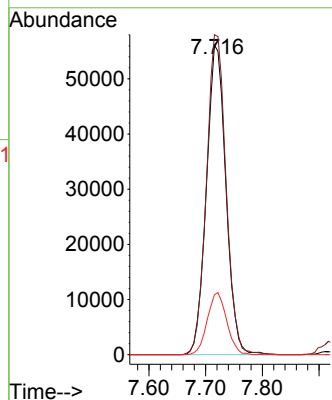
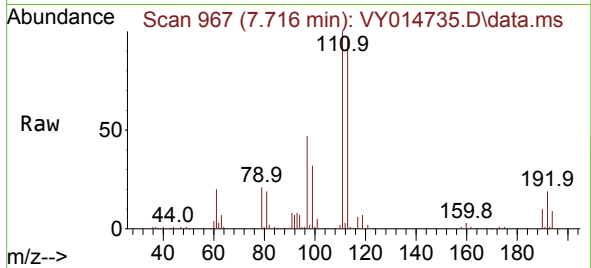




#35  
Dibromofluoromethane  
Concen: 51.800 ug/l  
RT: 7.716 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

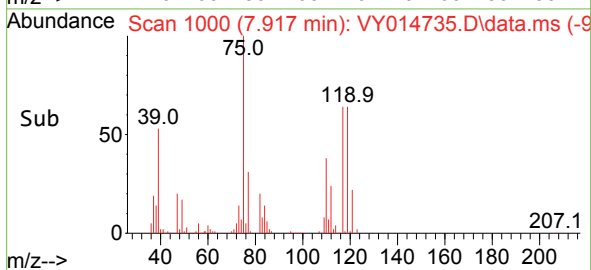
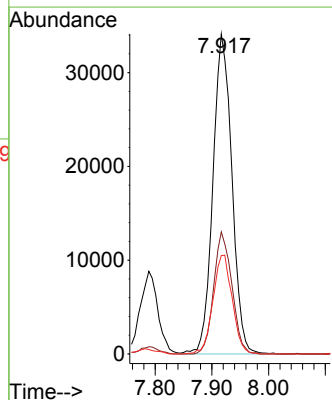
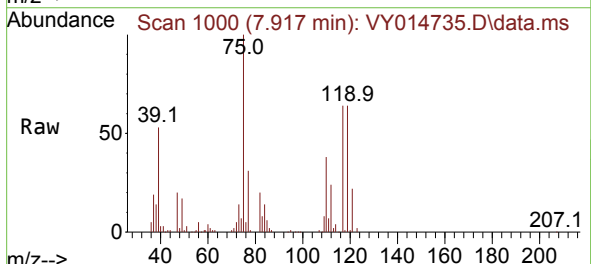
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0721SBS01

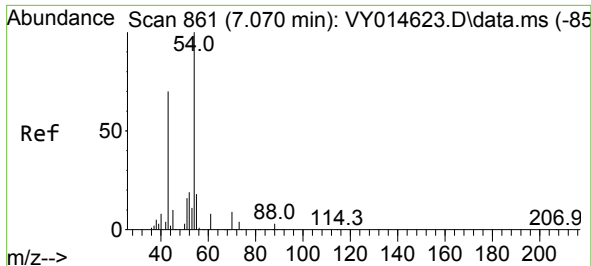
Tgt Ion:113 Resp: 134102  
Ion Ratio Lower Upper  
113 100  
111 104.0 81.3 121.9  
192 19.9 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 20.498 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. 0.006 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

Tgt Ion: 75 Resp: 79359  
Ion Ratio Lower Upper  
75 100  
110 36.4 17.8 53.5  
77 31.3 24.4 36.6

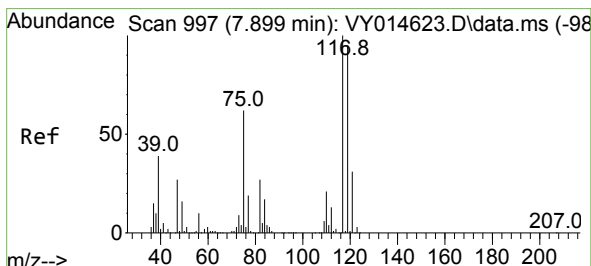
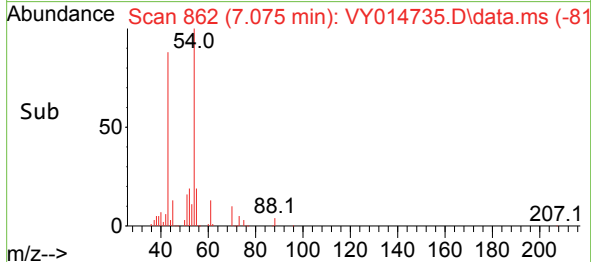
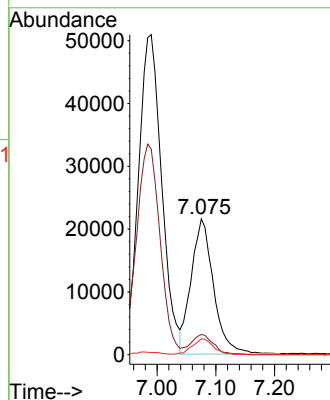
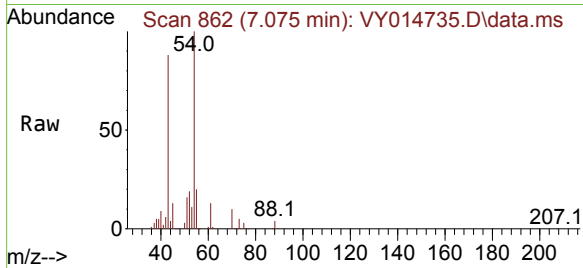




#37  
Ethyl Acetate  
Concen: 21.390 ug/l  
RT: 7.075 min Scan# 861  
Delta R.T. 0.005 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

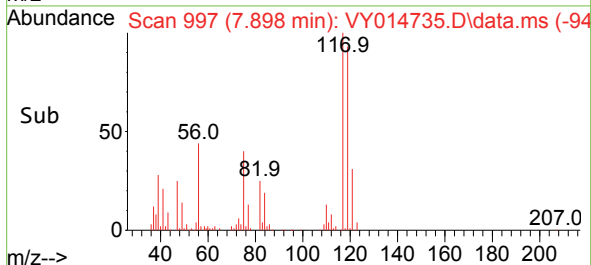
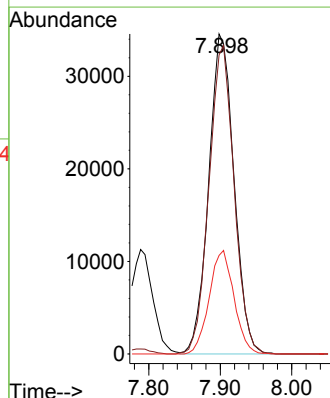
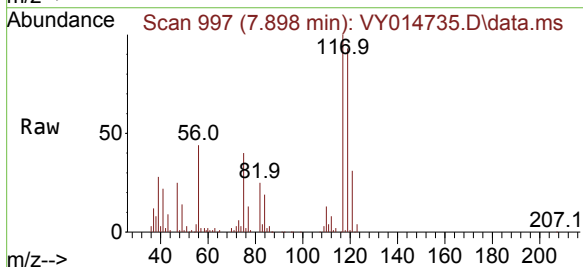
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0721SBS01

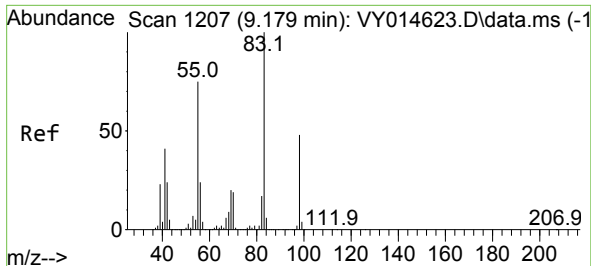
Tgt Ion: 43 Resp: 57017  
Ion Ratio Lower Upper  
43 100  
61 14.7 10.1 15.1  
70 11.2 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 20.767 ug/l  
RT: 7.898 min Scan# 997  
Delta R.T. -0.001 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

Tgt Ion: 117 Resp: 84990  
Ion Ratio Lower Upper  
117 100  
119 93.5 76.4 114.6  
121 30.8 25.8 38.6





#39

Methylcyclohexane

Concen: 20.088 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA\_Y

ClientSampleId :

VY0721SBS01

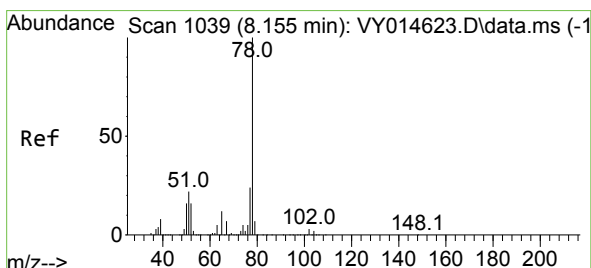
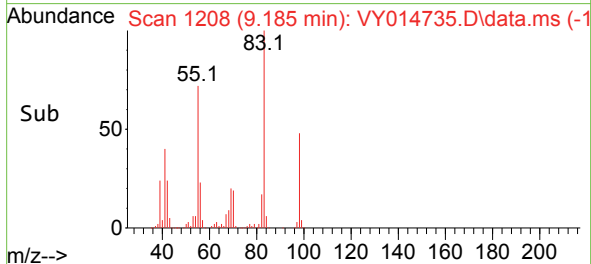
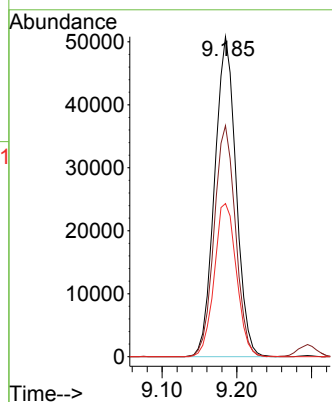
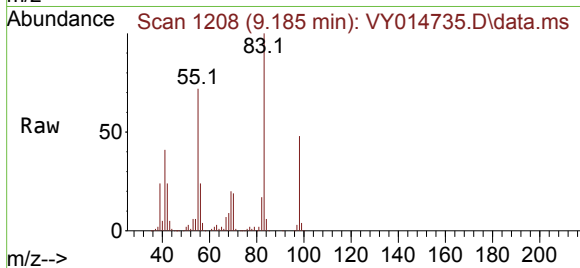
Tgt Ion: 83 Resp: 101321

Ion Ratio Lower Upper

83 100

55 72.2 63.0 94.4

98 47.9 37.4 56.2



#40

Benzene

Concen: 20.651 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY014735.D

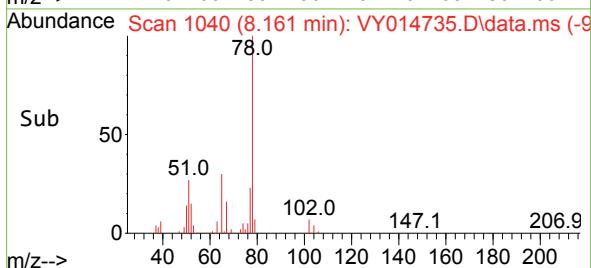
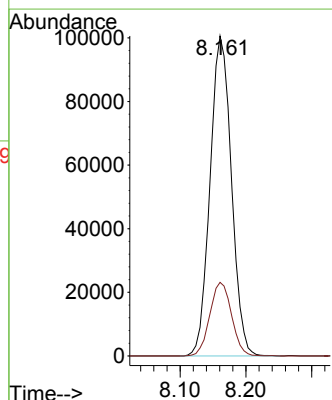
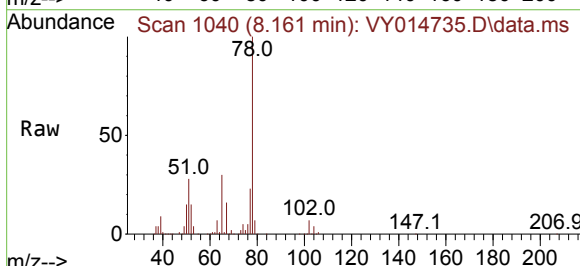
Acq: 21 Jul 2023 10:36

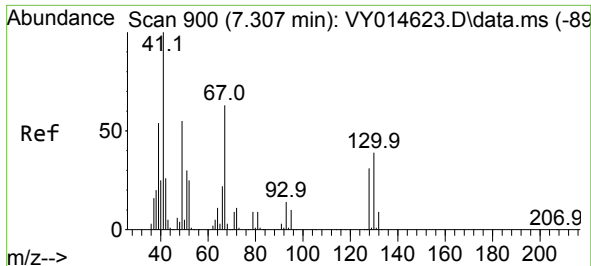
Tgt Ion: 78 Resp: 227389

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.6

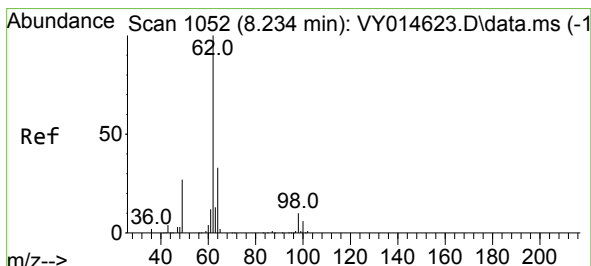
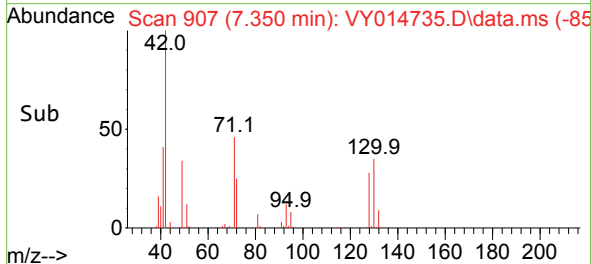
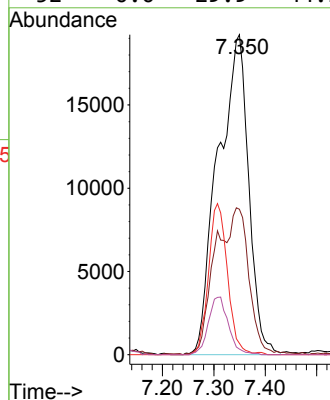
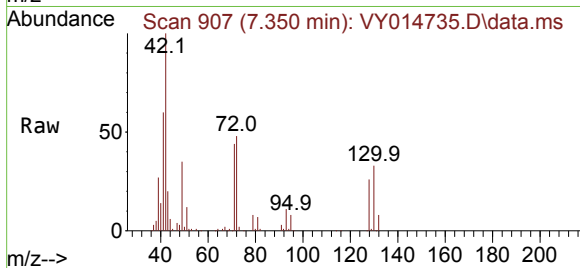




#41  
Methacrylonitrile  
Concen: 57.705 ug/l  
RT: 7.350 min Scan# 90  
Delta R.T. 0.043 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

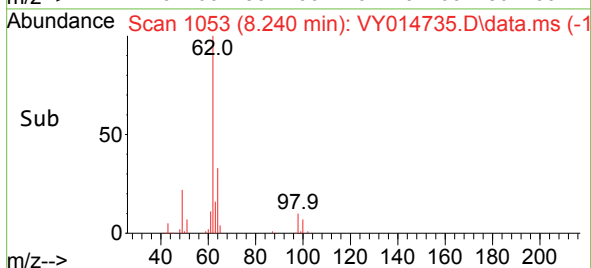
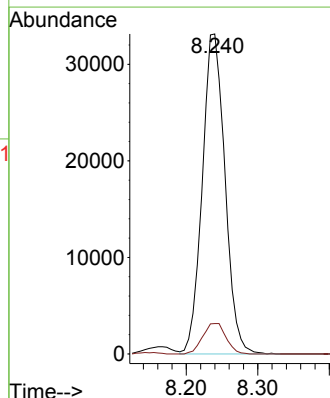
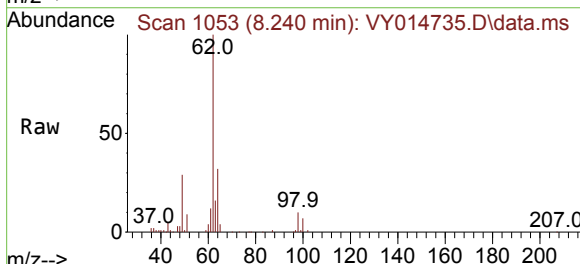
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0721SBS01

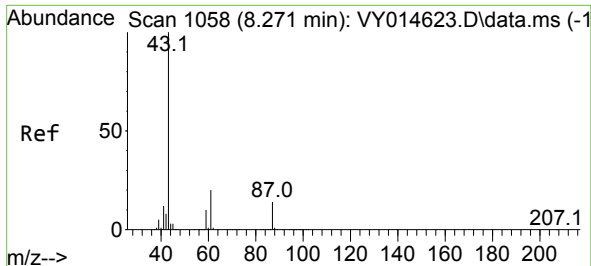
Tgt Ion: 41 Resp: 79117  
Ion Ratio Lower Upper  
41 100  
39 25.0 52.1 78.1#  
67 0.0 66.2 99.2#  
52 0.0 29.9 44.9#



#42  
1,2-Dichloroethane  
Concen: 20.999 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.006 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

Tgt Ion: 62 Resp: 73221  
Ion Ratio Lower Upper  
62 100  
98 9.8 0.0 15.8

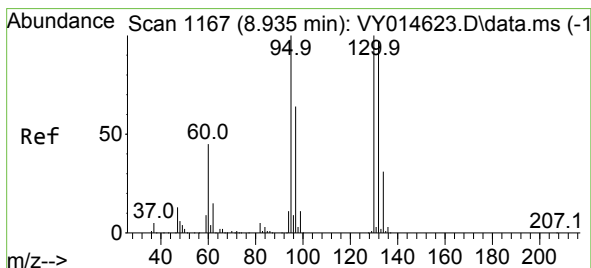
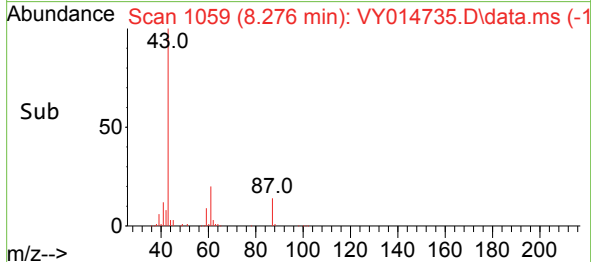
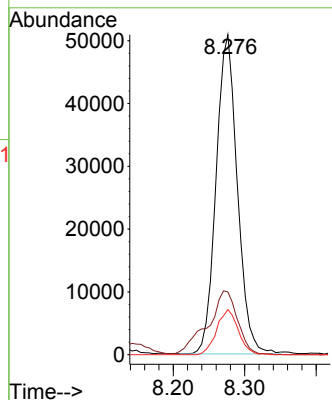
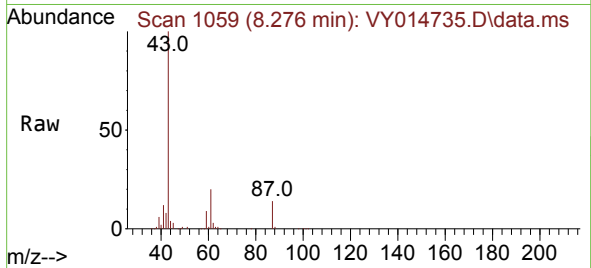




#43  
Isopropyl Acetate  
Concen: 20.658 ug/l  
RT: 8.276 min Scan# 1105  
Delta R.T. 0.005 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

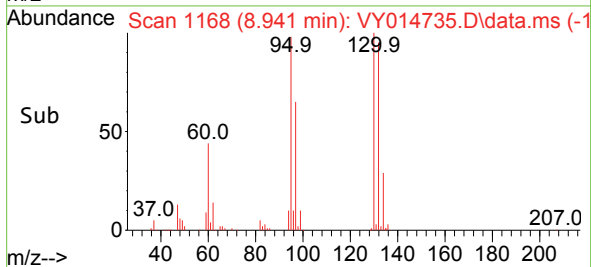
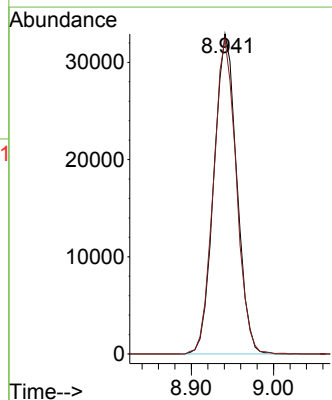
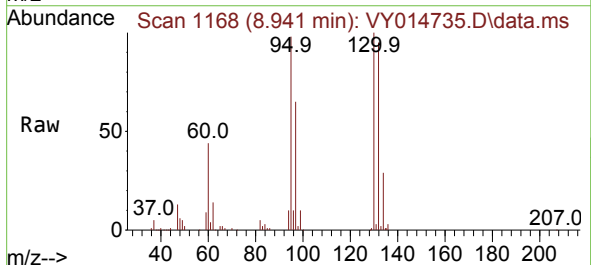
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0721SBS01

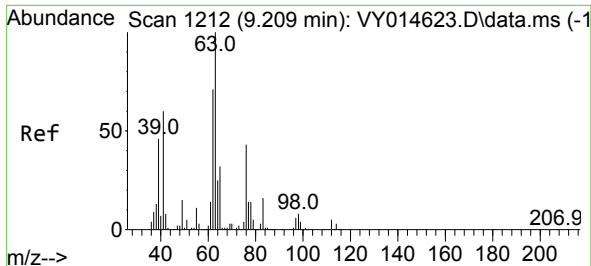
Tgt Ion: 43 Resp: 104894  
Ion Ratio Lower Upper  
43 100  
61 28.4 21.1 31.7  
87 14.4 9.8 14.8



#44  
Trichloroethene  
Concen: 20.615 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.006 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

Tgt Ion:130 Resp: 63510  
Ion Ratio Lower Upper  
130 100  
95 98.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.041 ug/l

RT: 9.221 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA\_Y

ClientSampleId :

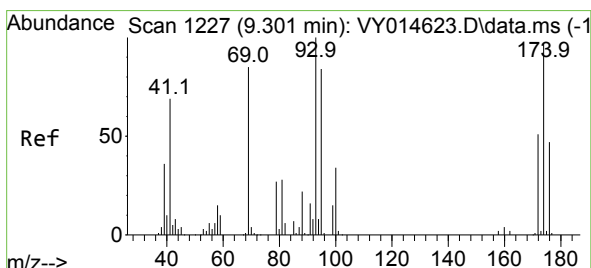
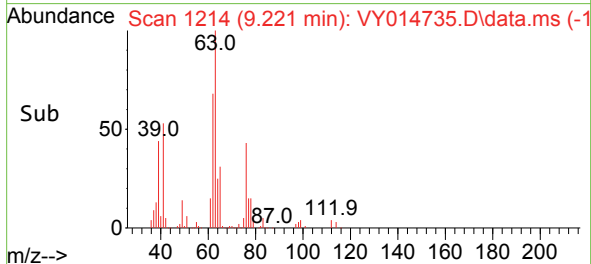
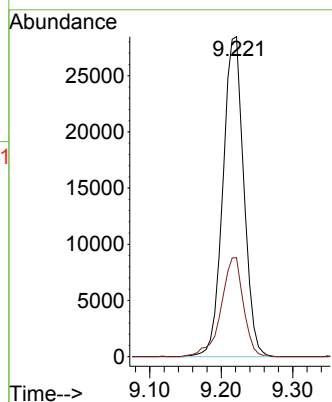
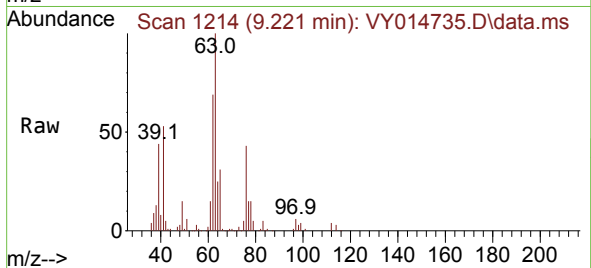
VY0721SBS01

Tgt Ion: 63 Resp: 57621

Ion Ratio Lower Upper

63 100

65 30.9 23.8 35.6



#46

Dibromomethane

Concen: 21.319 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

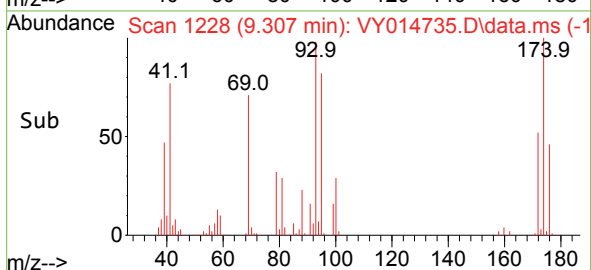
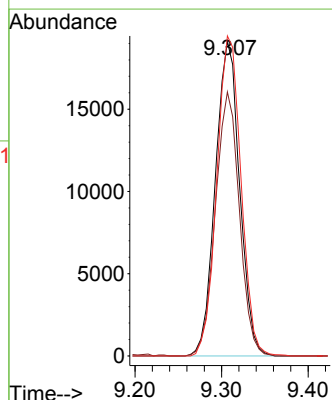
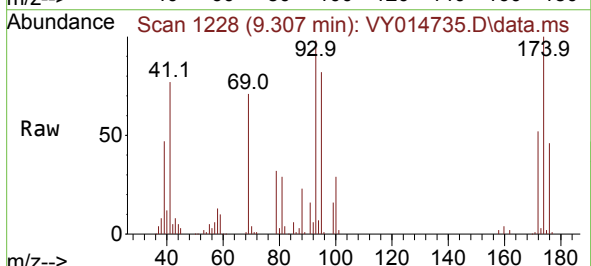
Tgt Ion: 93 Resp: 37185

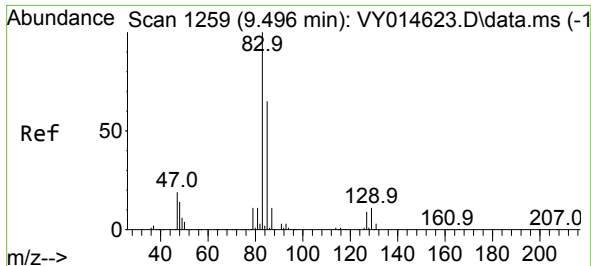
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

174 101.8 84.8 127.2

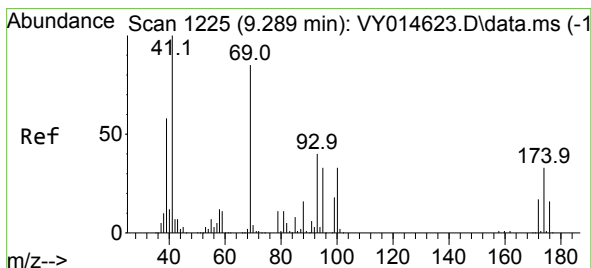
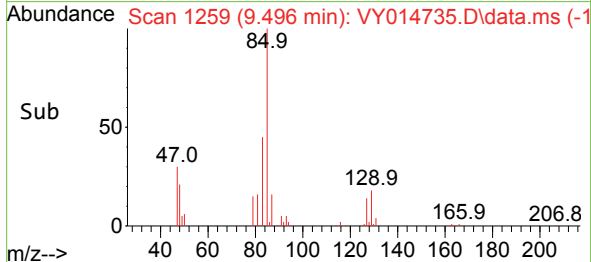
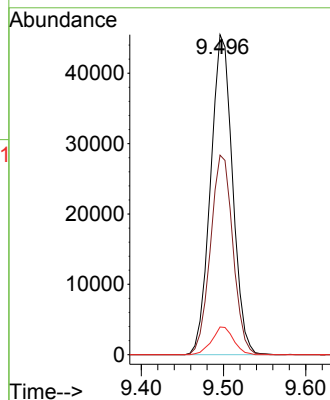
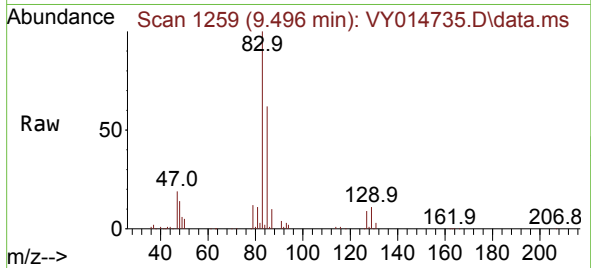




#47  
 Bromodichloromethane  
 Concen: 20.531 ug/l  
 RT: 9.496 min Scan# 1259  
 Delta R.T. -0.000 min  
 Lab File: VY014735.D  
 Acq: 21 Jul 2023 10:36

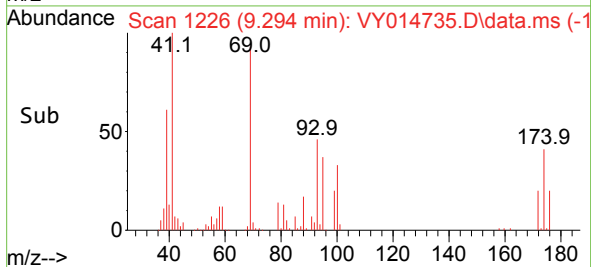
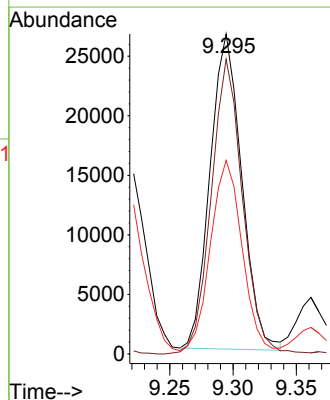
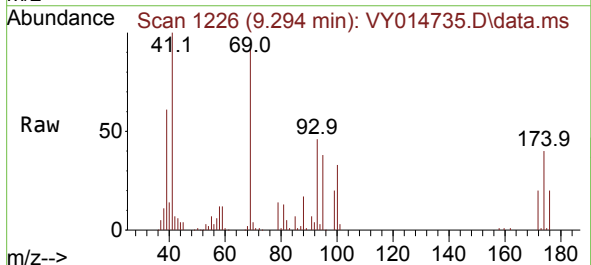
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0721SBS01

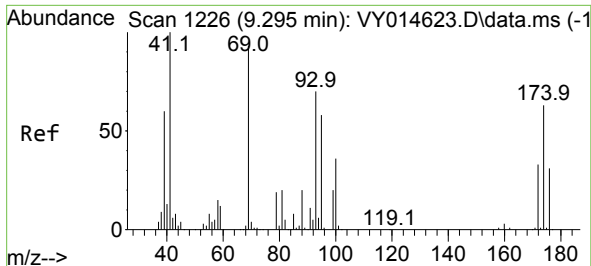
Tgt Ion: 83 Resp: 84401  
 Ion Ratio Lower Upper  
 83 100  
 85 62.3 50.1 75.1  
 127 8.6 7.1 10.7



#48  
 Methyl methacrylate  
 Concen: 20.172 ug/l  
 RT: 9.294 min Scan# 1226  
 Delta R.T. 0.005 min  
 Lab File: VY014735.D  
 Acq: 21 Jul 2023 10:36

Tgt Ion: 41 Resp: 46090  
 Ion Ratio Lower Upper  
 41 100  
 69 92.7 64.5 96.7  
 39 59.8 50.8 76.2





#49

1,4-Dioxane

Concen: 453.178 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA\_Y

ClientSampleId :

VY0721SBS01

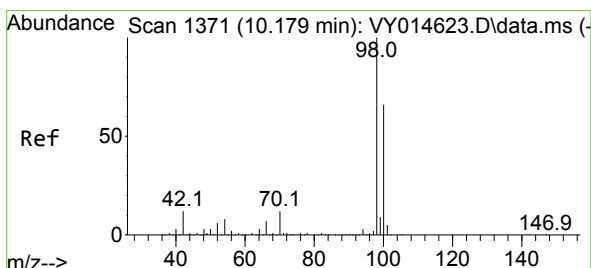
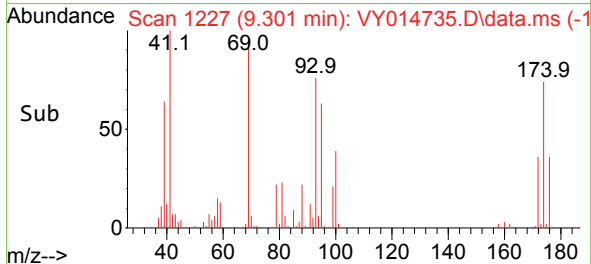
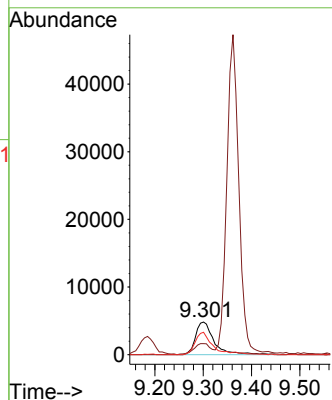
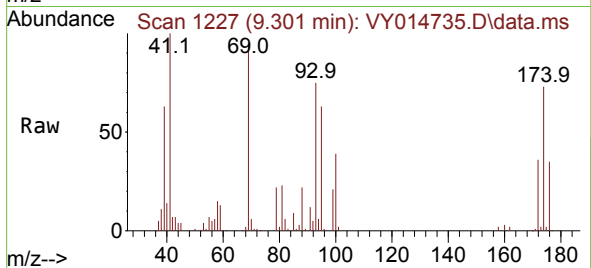
Tgt Ion: 88 Resp: 12889

Ion Ratio Lower Upper

88 100

43 31.6 0.0 0.0#

58 66.6 30.9 46.3#



#50

Toluene-d8

Concen: 50.385 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY014735.D

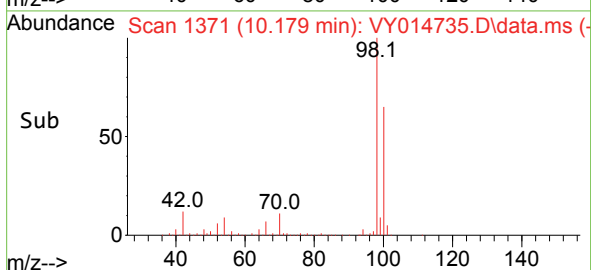
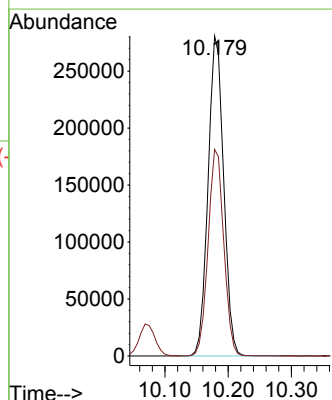
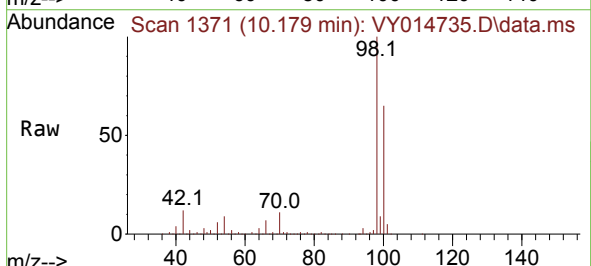
Acq: 21 Jul 2023 10:36

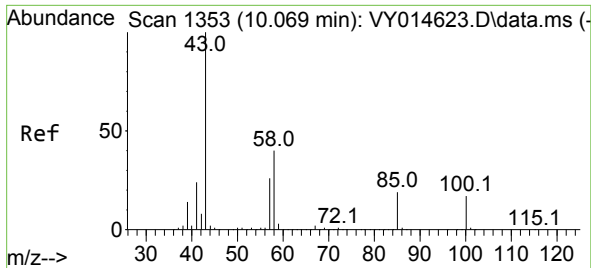
Tgt Ion: 98 Resp: 480902

Ion Ratio Lower Upper

98 100

100 64.8 50.1 75.1

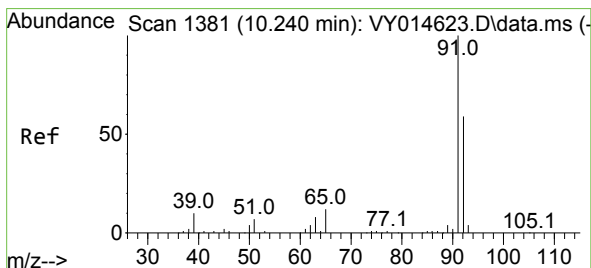
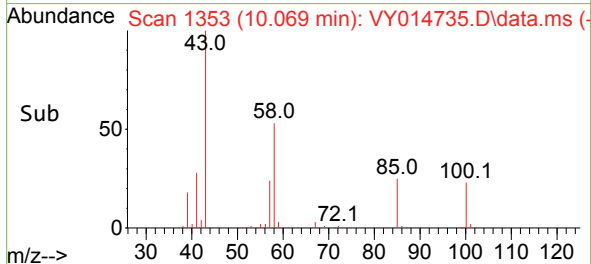
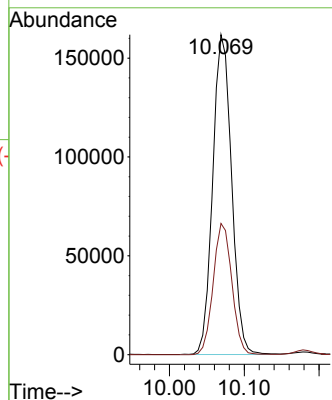
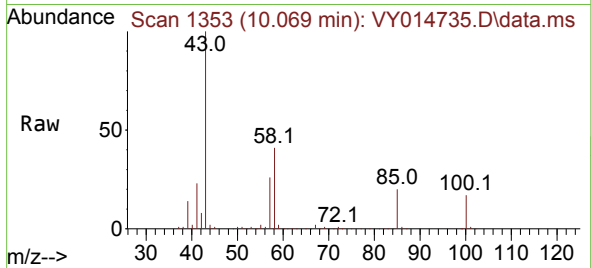




#51  
4-Methyl-2-Pentanone  
Concen: 106.458 ug/l  
RT: 10.069 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

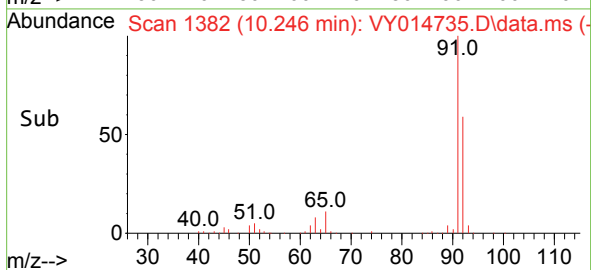
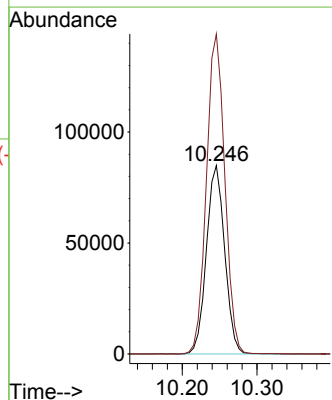
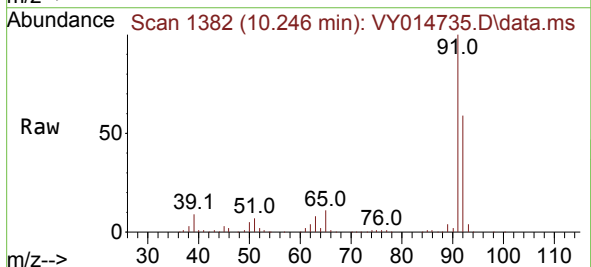
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0721SBS01

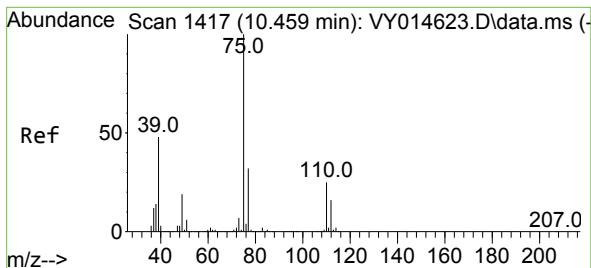
Tgt Ion: 43 Resp: 283816  
Ion Ratio Lower Upper  
43 100  
58 40.6 29.0 43.6



#52  
Toluene  
Concen: 20.418 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.006 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

Tgt Ion: 92 Resp: 143865  
Ion Ratio Lower Upper  
92 100  
91 170.9 143.8 215.6

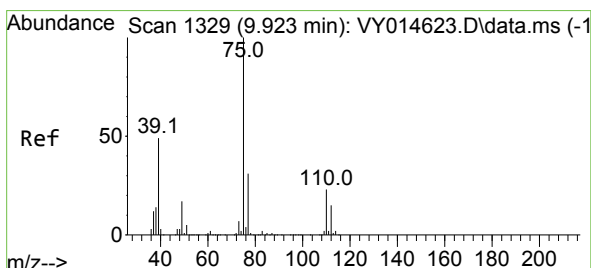
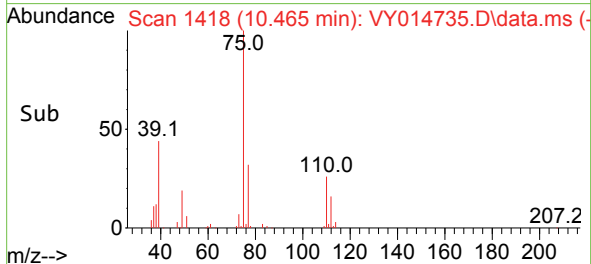
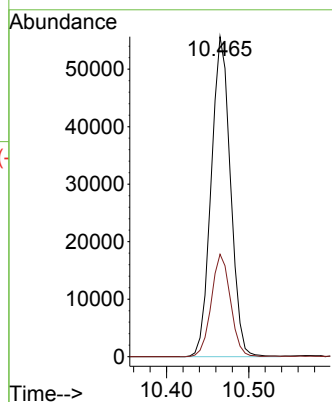
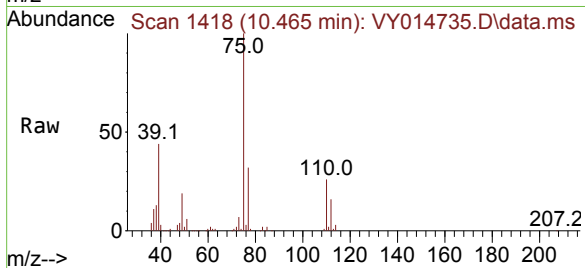




#53  
 t-1,3-Dichloropropene  
 Concen: 20.199 ug/l  
 RT: 10.465 min Scan# 1417  
 Delta R.T. 0.006 min  
 Lab File: VY014735.D  
 Acq: 21 Jul 2023 10:36

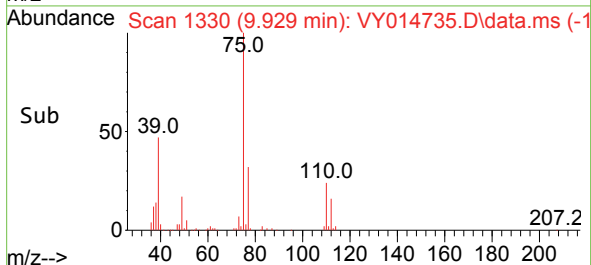
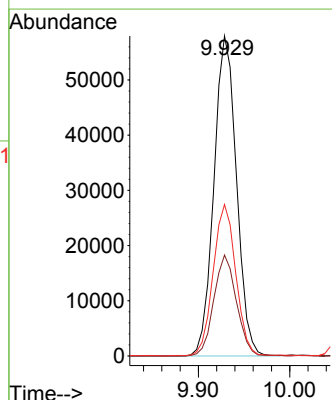
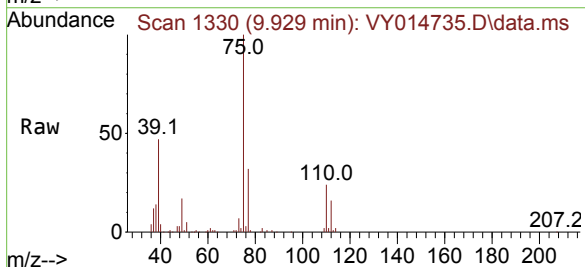
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0721SBS01

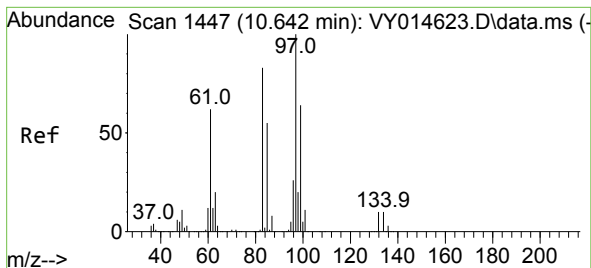
Tgt Ion: 75 Resp: 90832  
 Ion Ratio Lower Upper  
 75 100  
 77 32.0 25.0 37.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.310 ug/l  
 RT: 9.929 min Scan# 1330  
 Delta R.T. 0.006 min  
 Lab File: VY014735.D  
 Acq: 21 Jul 2023 10:36

Tgt Ion: 75 Resp: 99316  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 24.2 36.4  
 39 47.2 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 21.561 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA\_Y

ClientSampleId :

VY0721SBS01

Tgt Ion: 97 Resp: 52385

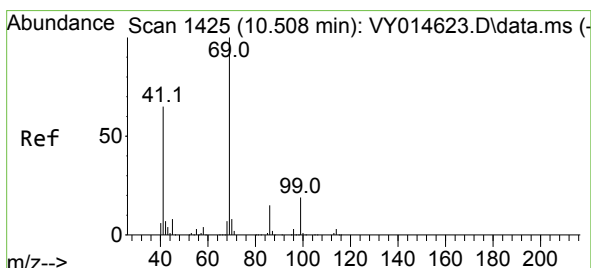
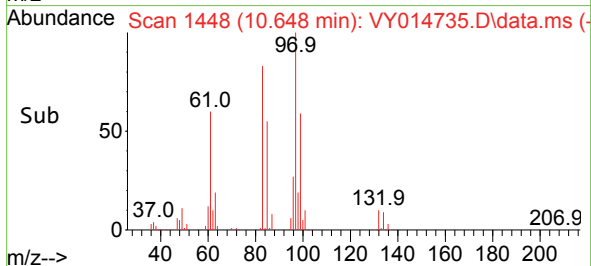
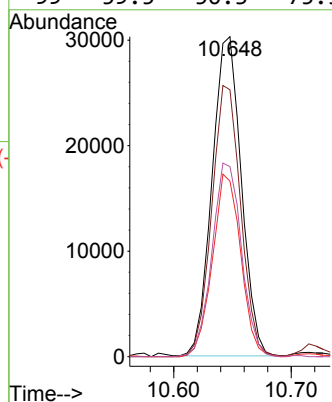
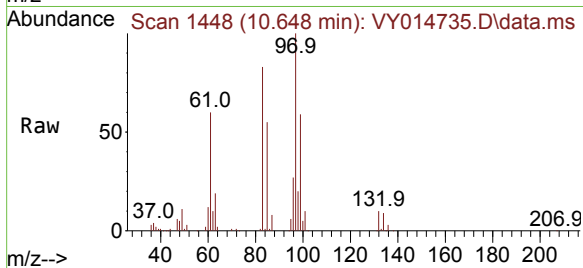
Ion Ratio Lower Upper

97 100

83 83.6 72.0 108.0

85 55.0 45.4 68.0

99 59.5 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.664 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

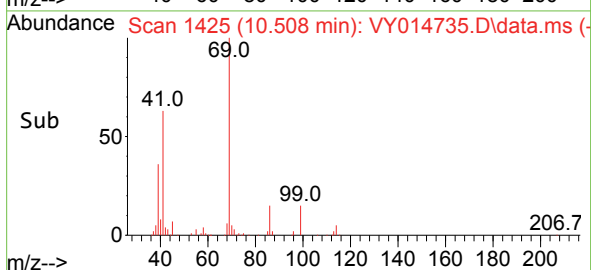
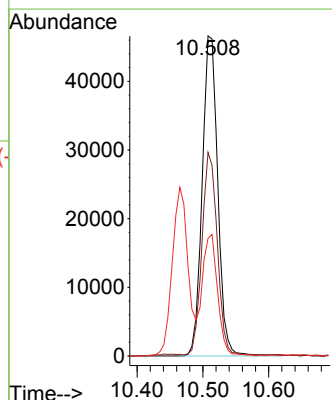
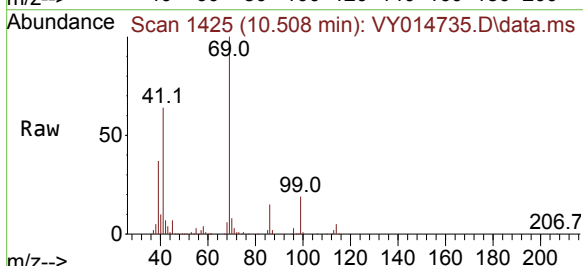
Tgt Ion: 69 Resp: 76657

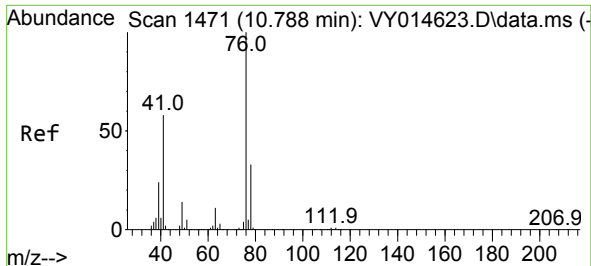
Ion Ratio Lower Upper

69 100

41 61.9 57.6 86.4

39 37.3 34.1 51.1





#57

1,3-Dichloropropane

Concen: 20.762 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA\_Y

ClientSampleId :

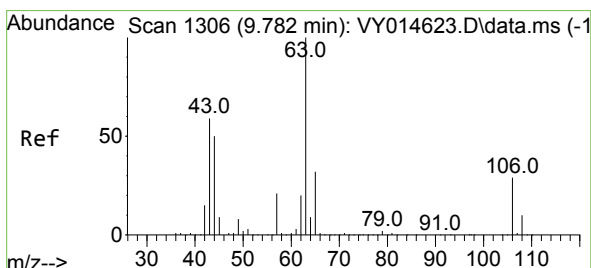
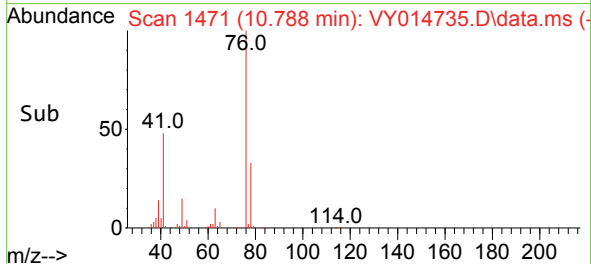
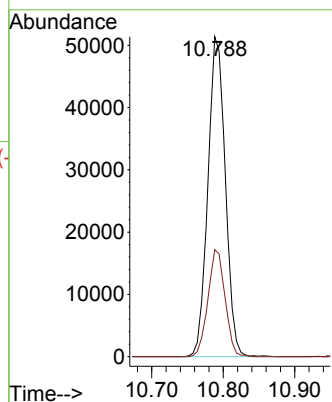
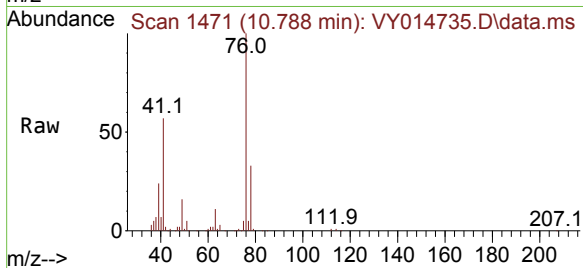
VY0721SBS01

Tgt Ion: 76 Resp: 87005

Ion Ratio Lower Upper

76 100

78 32.8 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 113.470 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014735.D

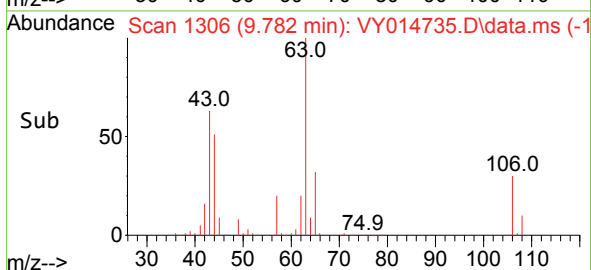
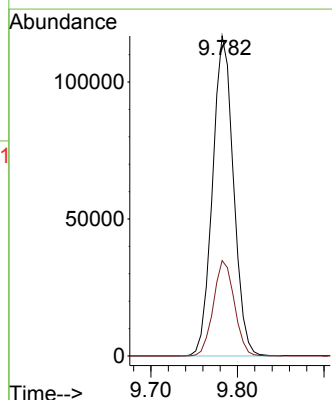
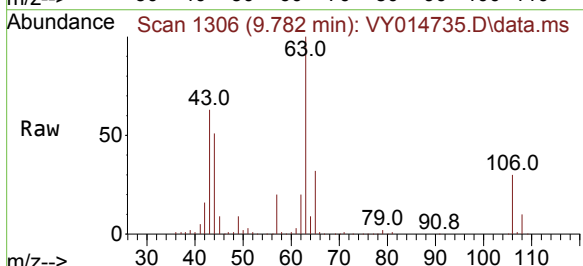
Acq: 21 Jul 2023 10:36

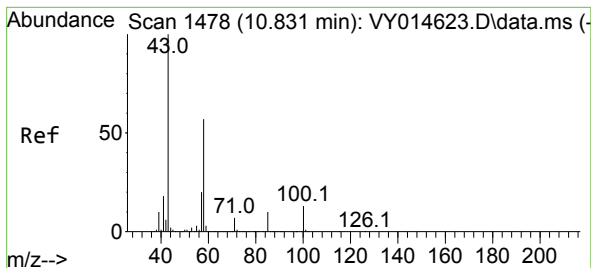
Tgt Ion: 63 Resp: 196134

Ion Ratio Lower Upper

63 100

106 29.8 21.2 31.8

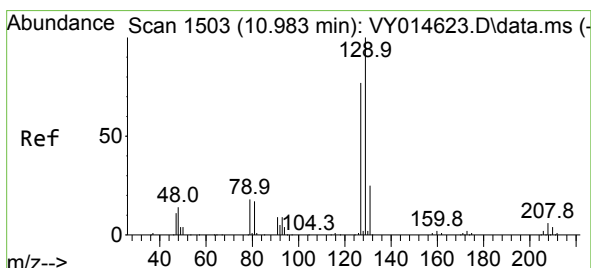
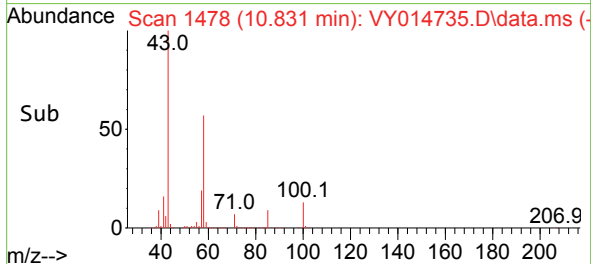
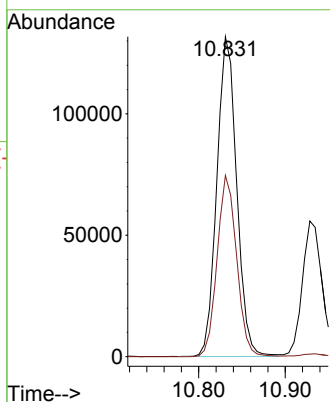
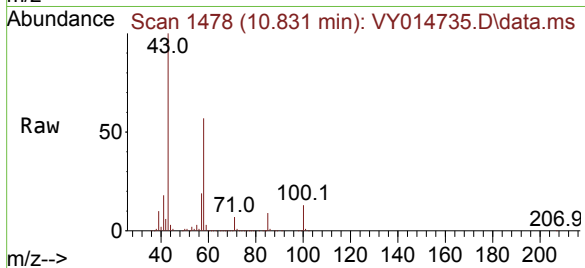




#59  
2-Hexanone  
Concen: 107.741 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

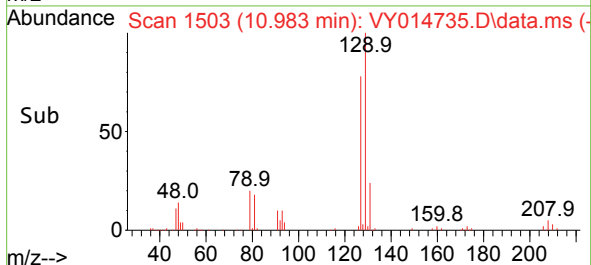
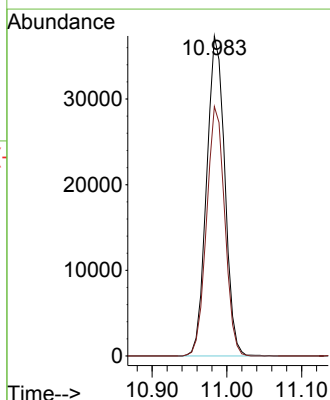
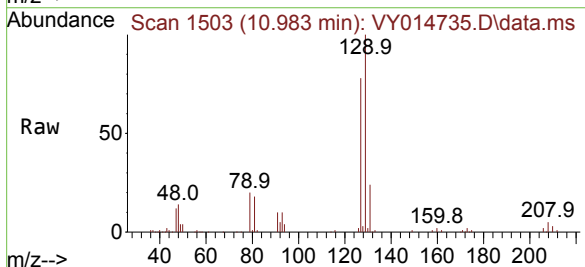
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0721SBS01

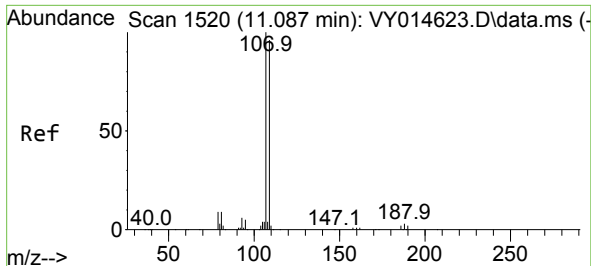
Tgt Ion: 43 Resp: 209468  
Ion Ratio Lower Upper  
43 100  
58 55.8 25.1 75.3



#60  
Dibromochloromethane  
Concen: 21.163 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

Tgt Ion: 129 Resp: 63044  
Ion Ratio Lower Upper  
129 100  
127 77.9 38.5 115.5

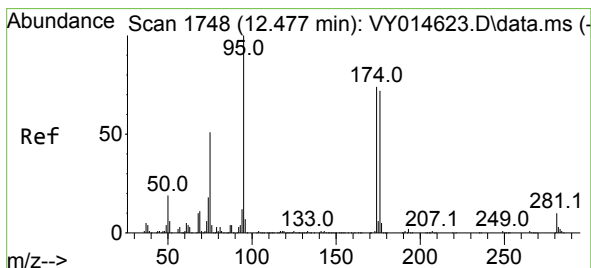
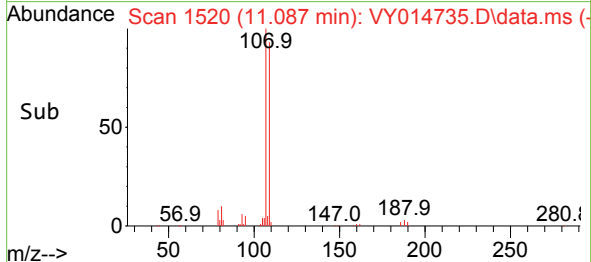
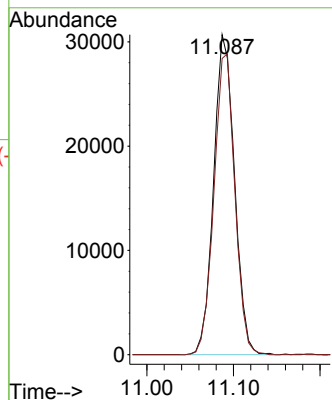
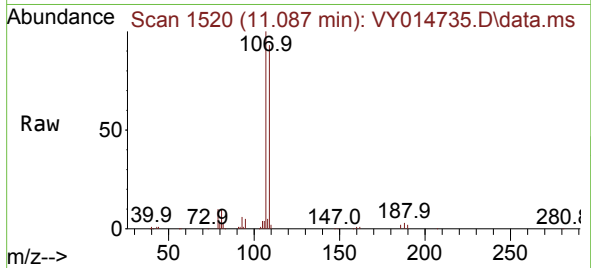




#61  
1,2-Dibromoethane  
Concen: 21.165 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. -0.000 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

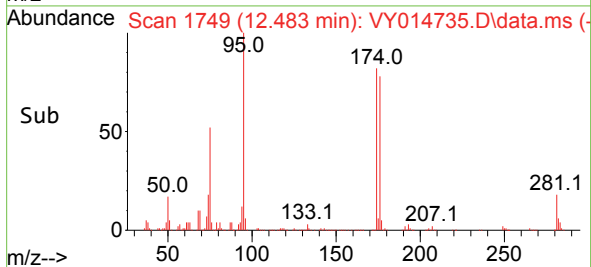
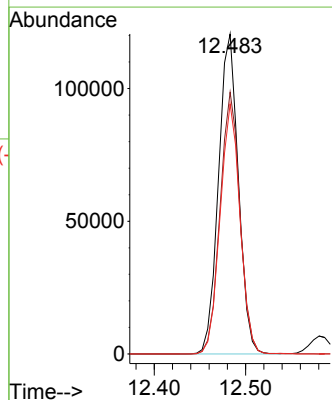
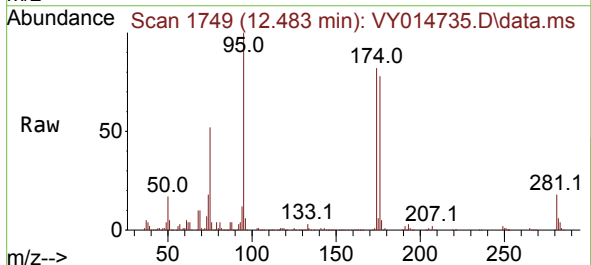
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0721SBS01

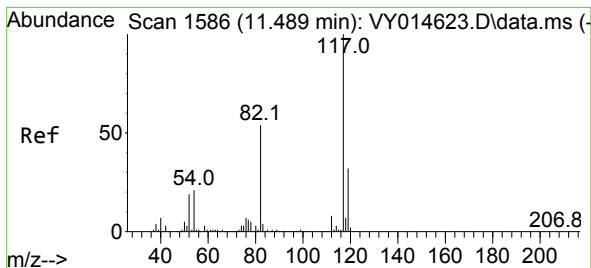
Tgt Ion:107 Resp: 51300  
Ion Ratio Lower Upper  
107 100  
109 94.3 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 49.779 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.006 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

Tgt Ion: 95 Resp: 182179  
Ion Ratio Lower Upper  
95 100  
174 81.8 0.0 178.2  
176 78.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA\_Y

ClientSampleId :

VY0721SBS01

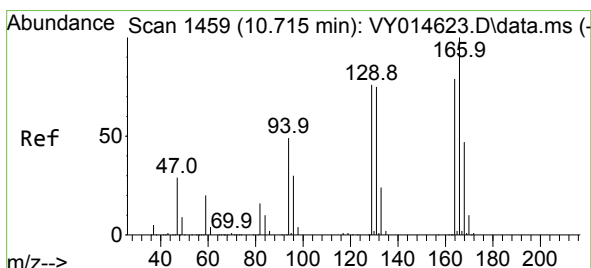
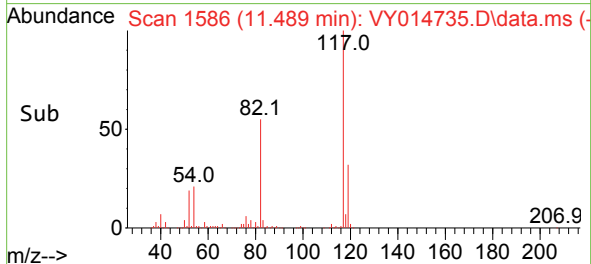
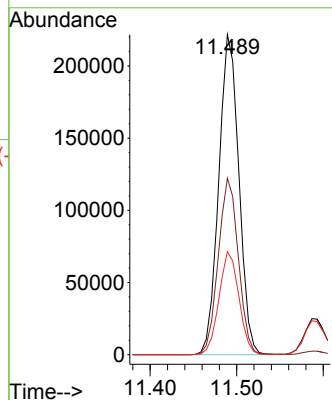
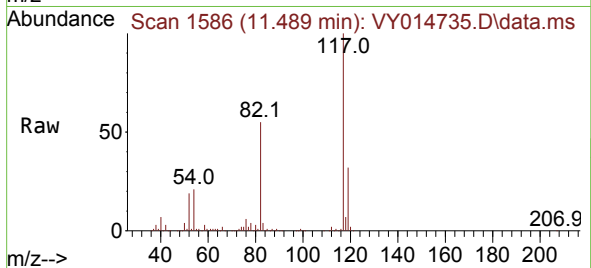
Tgt Ion:117 Resp: 357774

Ion Ratio Lower Upper

117 100

82 55.1 43.4 65.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 21.928 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Tgt Ion:164 Resp: 63098

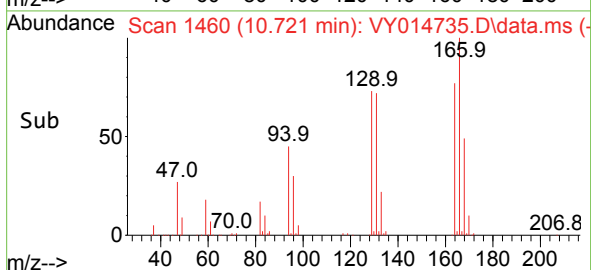
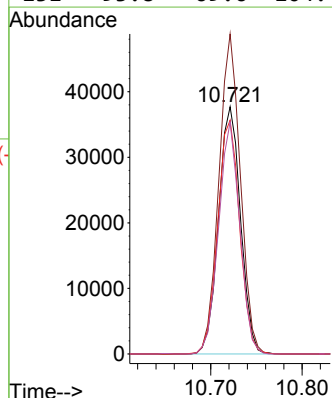
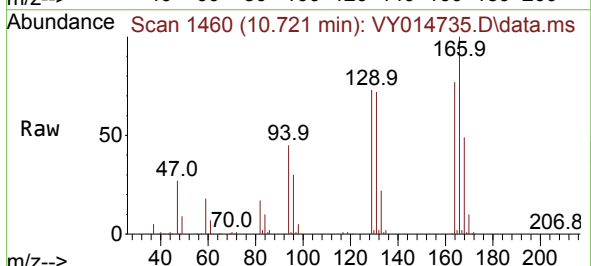
Ion Ratio Lower Upper

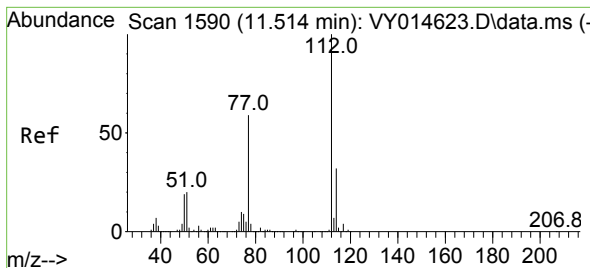
164 100

166 129.5 103.0 154.6

129 94.6 77.2 115.8

131 93.8 69.6 104.4

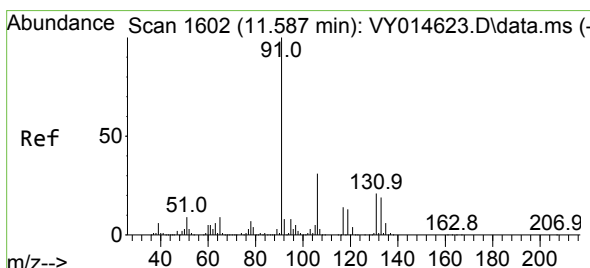
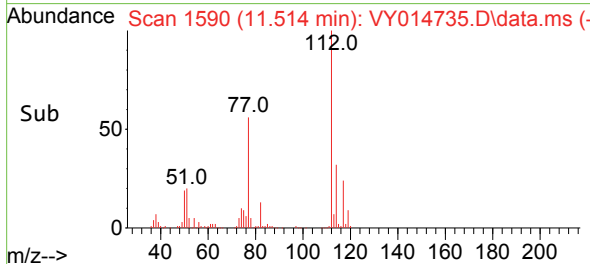
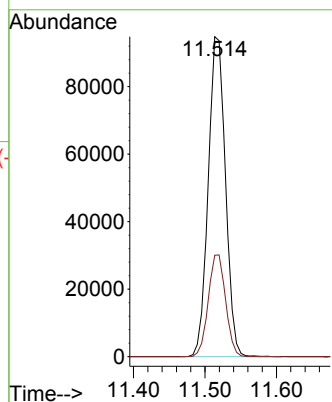
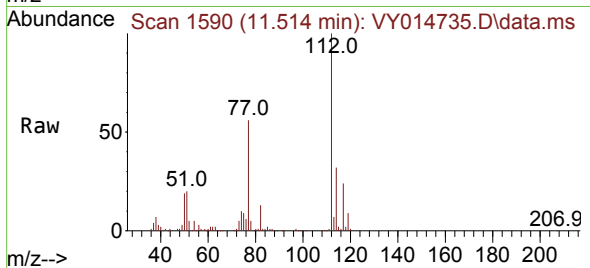




#65  
Chlorobenzene  
Concen: 20.814 ug/l  
RT: 11.514 min Scan# 111  
Delta R.T. -0.000 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

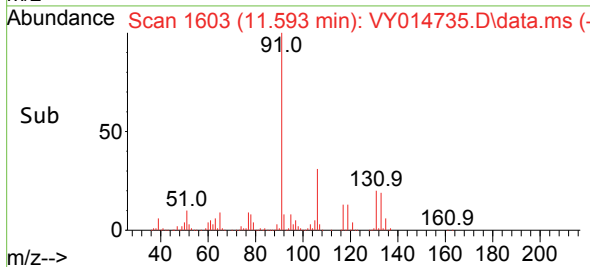
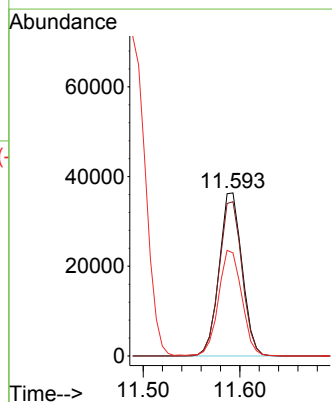
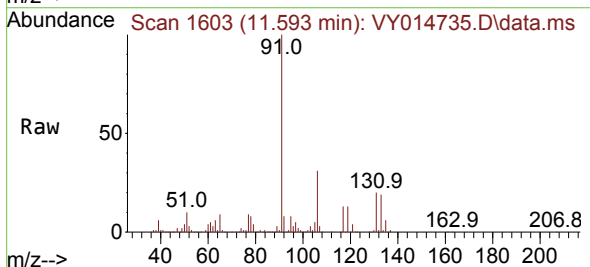
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0721SBS01

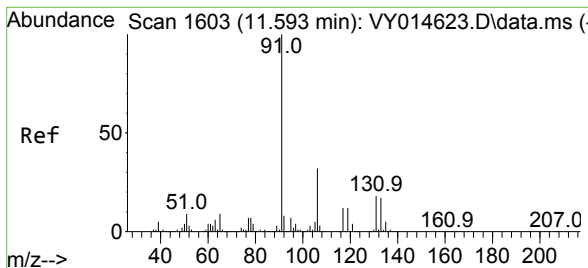
Tgt Ion:112 Resp: 158686  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.790 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.006 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

Tgt Ion:131 Resp: 59763  
Ion Ratio Lower Upper  
131 100  
133 95.2 47.5 142.6  
119 66.0 31.6 94.7

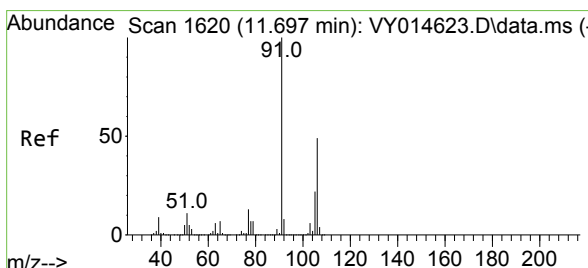
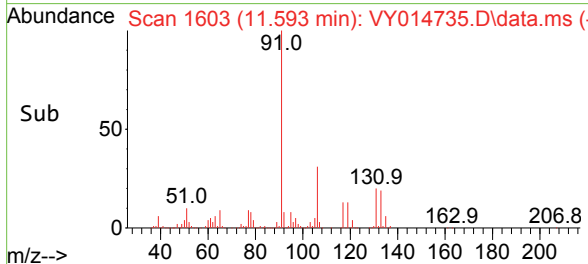
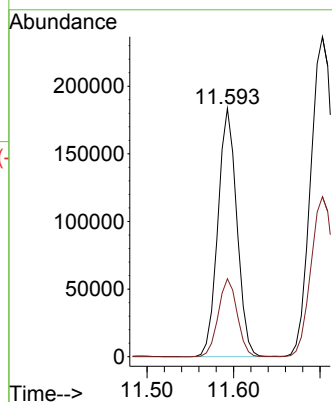
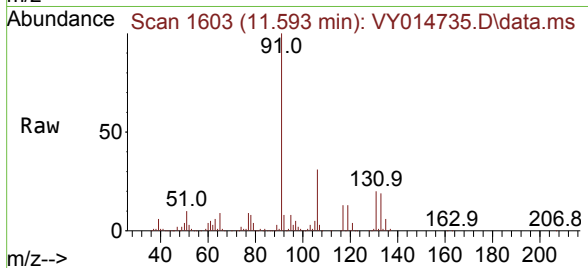




#67  
Ethyl Benzene  
Concen: 20.254 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

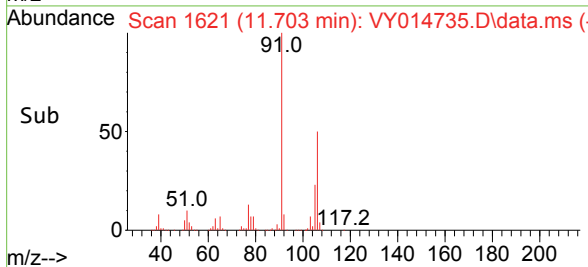
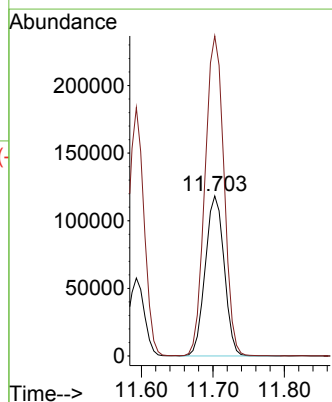
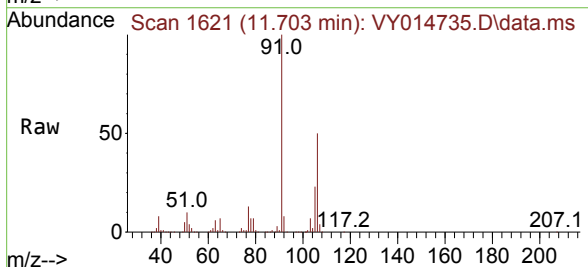
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0721SBS01

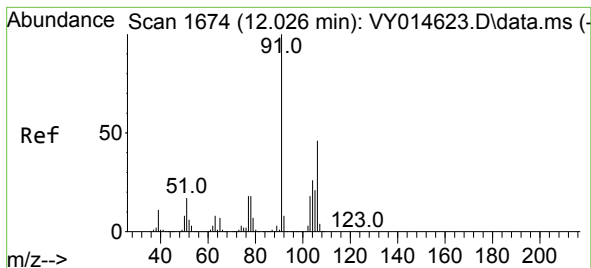
Tgt Ion: 91 Resp: 278800  
Ion Ratio Lower Upper  
91 100  
106 31.4 24.6 36.8



#68  
m/p-Xylenes  
Concen: 41.391 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.006 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

Tgt Ion:106 Resp: 217490  
Ion Ratio Lower Upper  
106 100  
91 200.2 166.1 249.1





#69

o-Xylene

Concen: 20.637 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA\_Y

ClientSampleId :

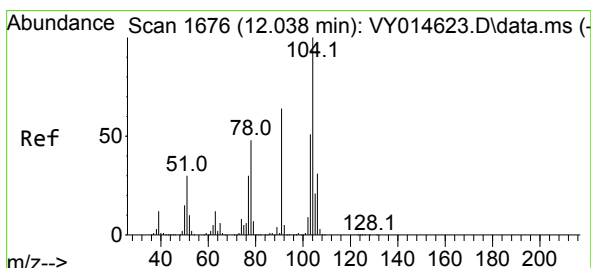
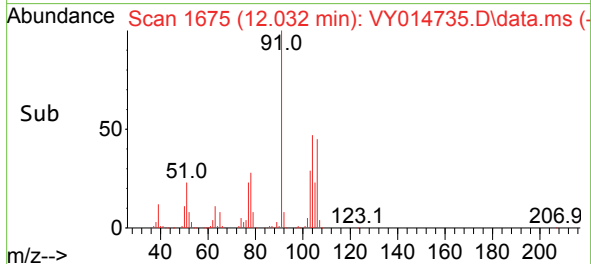
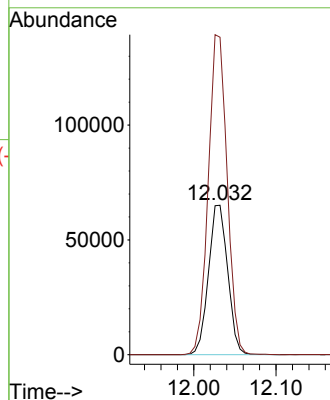
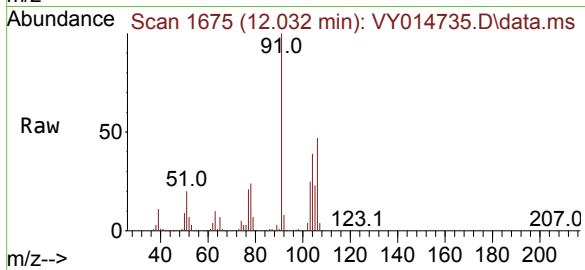
VY0721SBS01

Tgt Ion:106 Resp: 105620

Ion Ratio Lower Upper

106 100

91 210.6 108.1 324.3



#70

Styrene

Concen: 20.689 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

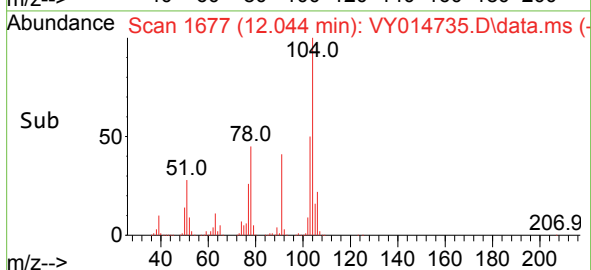
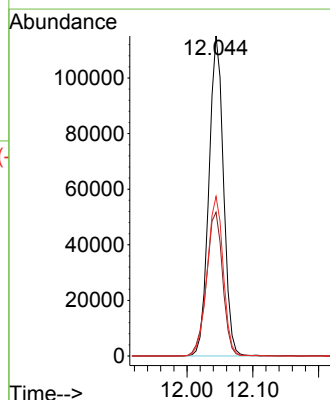
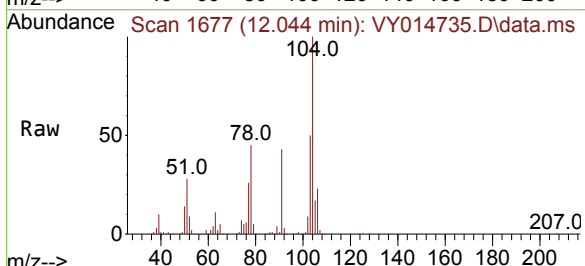
Tgt Ion:104 Resp: 178465

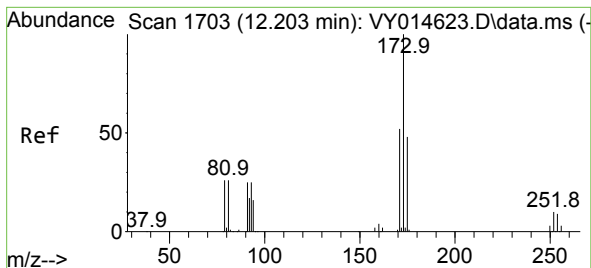
Ion Ratio Lower Upper

104 100

78 49.8 41.5 62.3

103 54.3 44.6 67.0





#71

Bromoform

Concen: 21.263 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA\_Y

ClientSampleId :

VY0721SBS01

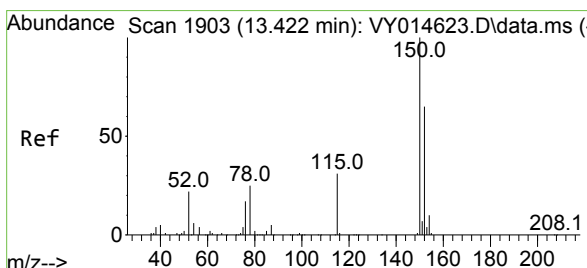
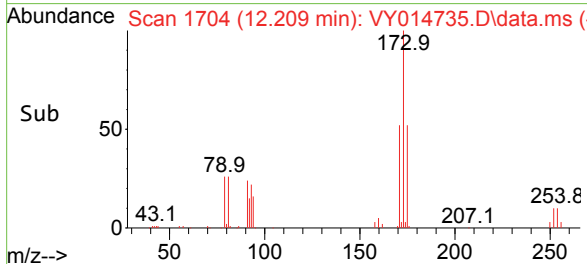
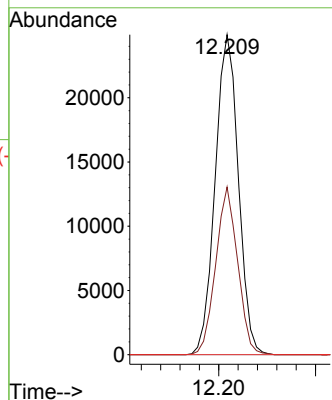
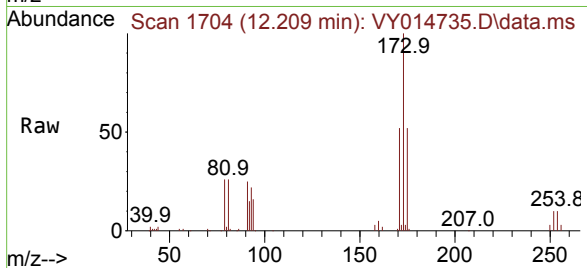
Tgt Ion:173 Resp: 41431

Ion Ratio Lower Upper

173 100

175 49.6 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

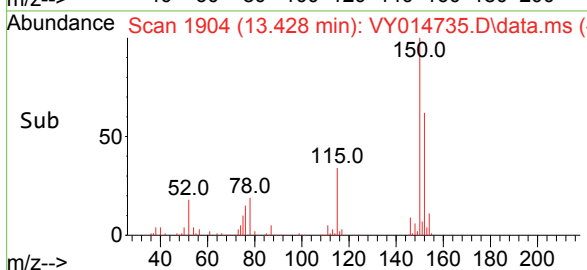
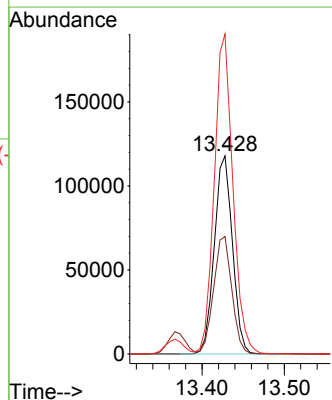
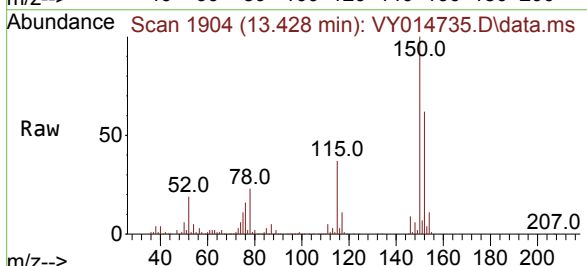
Tgt Ion:152 Resp: 180353

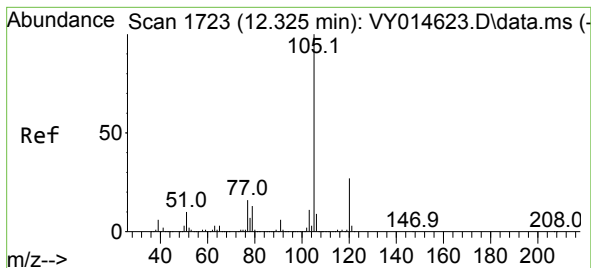
Ion Ratio Lower Upper

152 100

115 59.9 28.8 86.5

150 166.0 0.0 348.8





#73

Isopropylbenzene

Concen: 19.742 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA\_Y

ClientSampleId :

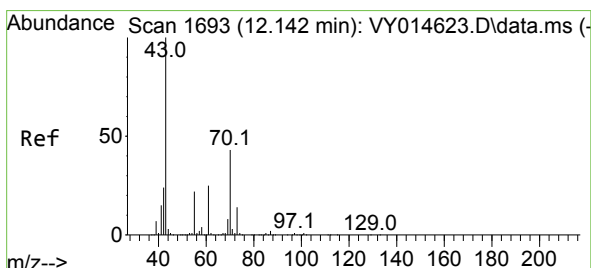
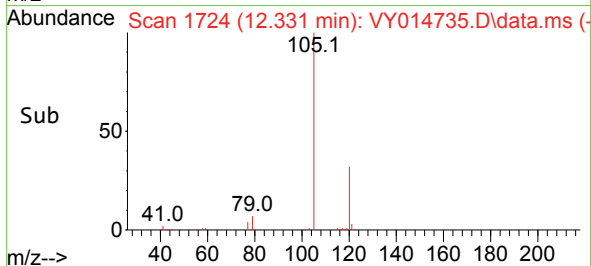
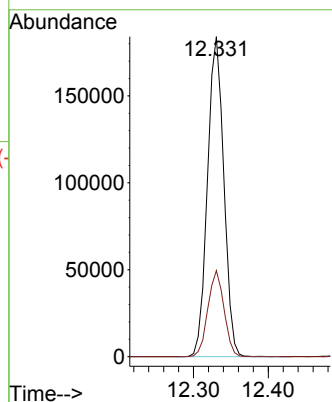
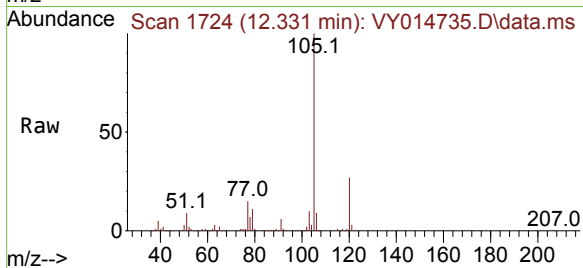
VY0721SBS01

Tgt Ion:105 Resp: 278795

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 19.686 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Tgt Ion: 43 Resp: 93107

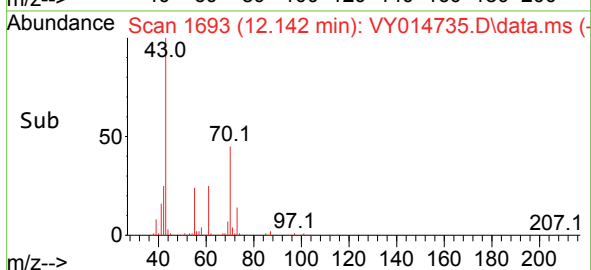
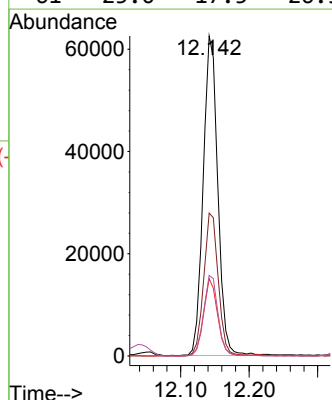
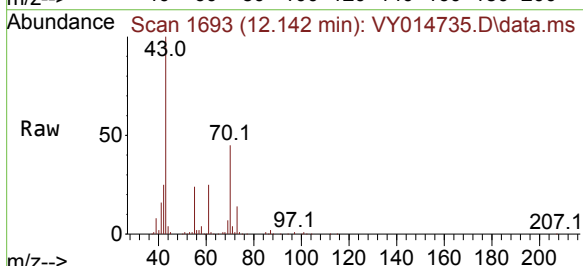
Ion Ratio Lower Upper

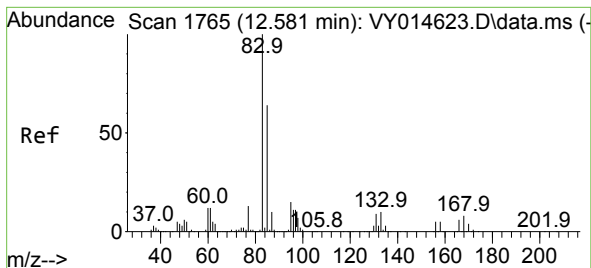
43 100

70 44.5 29.7 44.5

55 23.3 18.3 27.5

61 25.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.359 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA\_Y

ClientSampleId :

VY0721SBS01

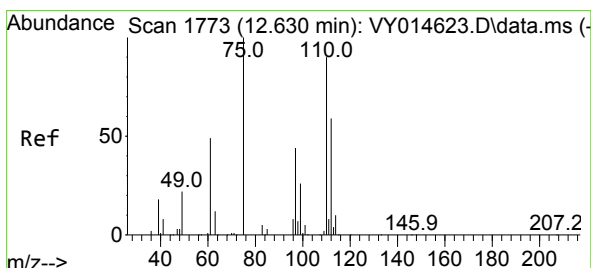
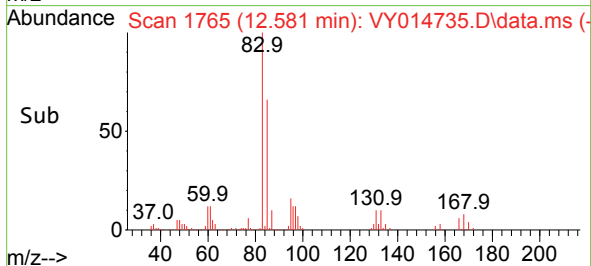
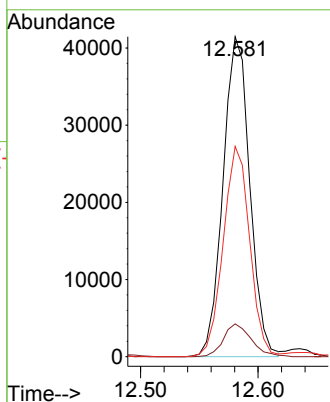
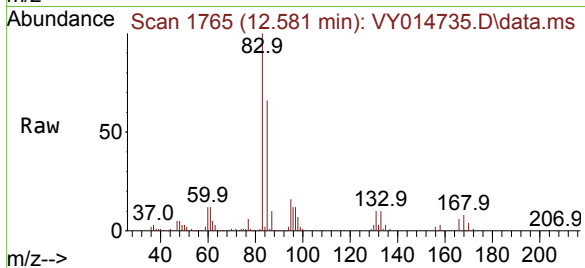
Tgt Ion: 83 Resp: 65563

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 65.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 38.386 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. 0.005 min

Lab File: VY014735.D

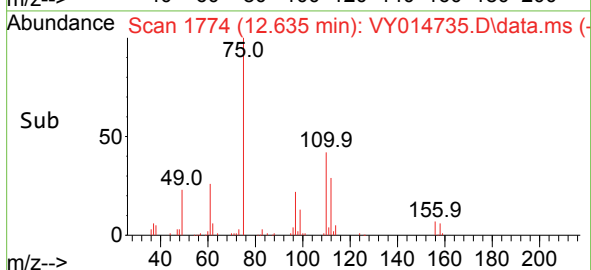
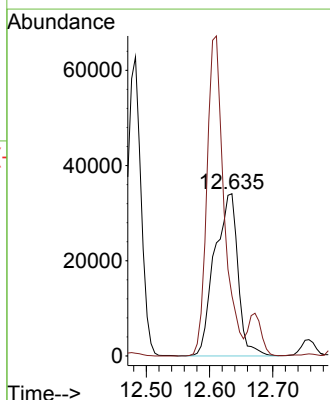
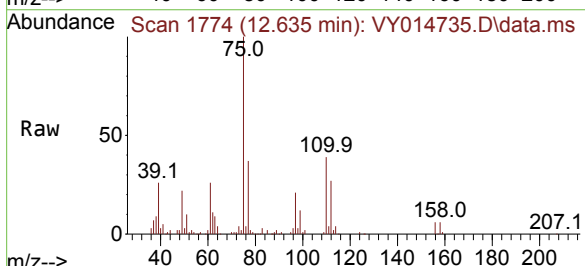
Acq: 21 Jul 2023 10:36

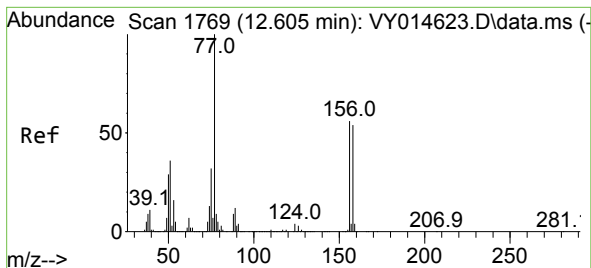
Tgt Ion: 75 Resp: 87435

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.619 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA\_Y

ClientSampleId :

VY0721SBS01

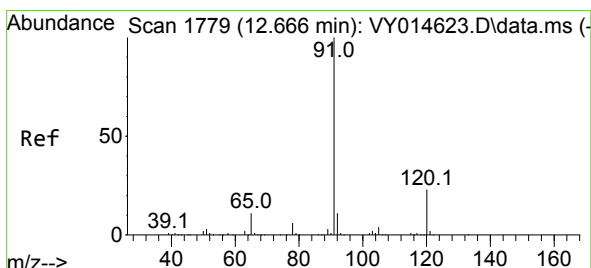
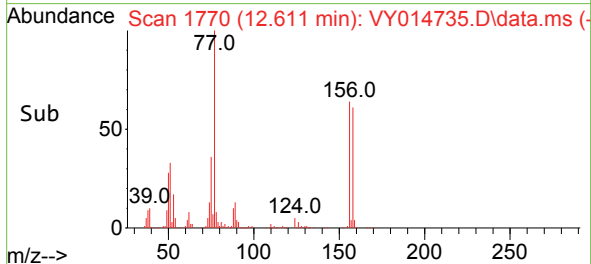
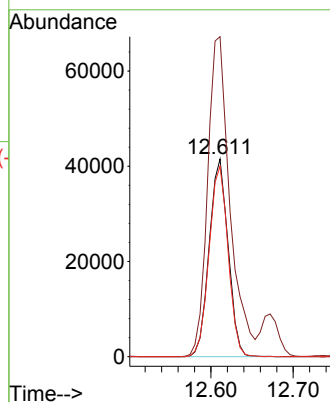
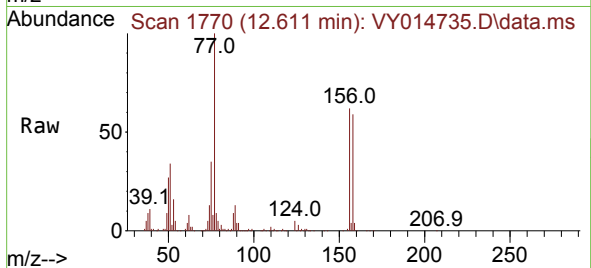
Tgt Ion:156 Resp: 66465

Ion Ratio Lower Upper

156 100

77 190.7 92.8 278.6

158 96.6 48.4 145.3



#78

n-propylbenzene

Concen: 19.845 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY014735.D

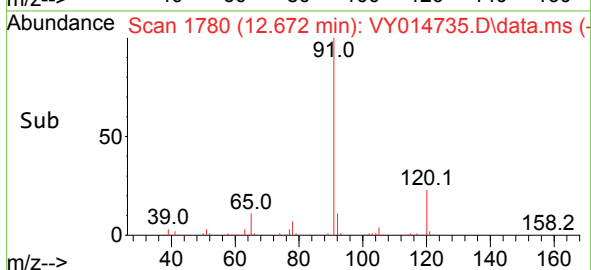
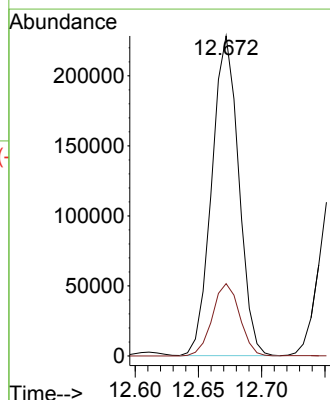
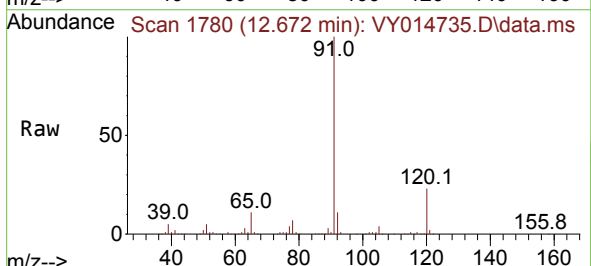
Acq: 21 Jul 2023 10:36

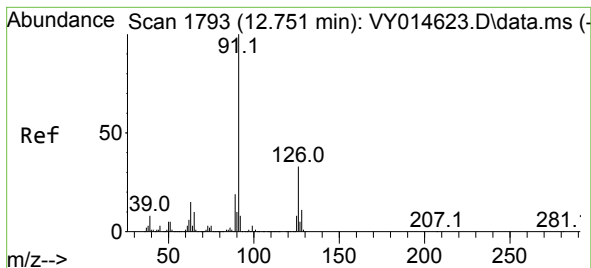
Tgt Ion: 91 Resp: 337696

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

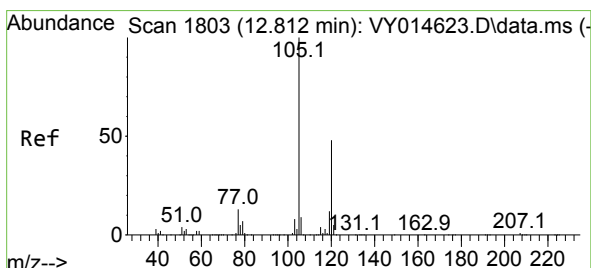
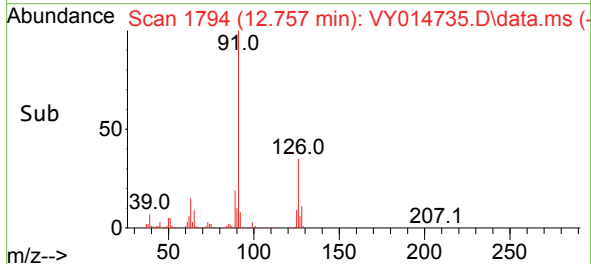
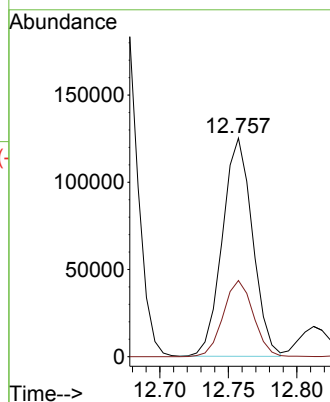
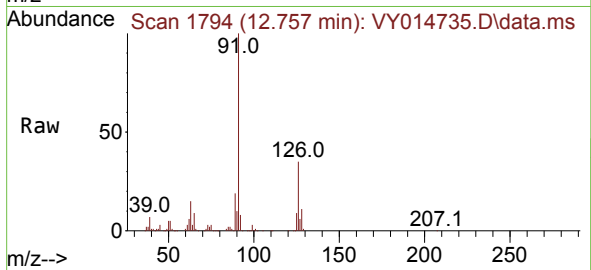




#79  
2-Chlorotoluene  
Concen: 19.588 ug/l  
RT: 12.757 min Scan# 1794  
Delta R.T. 0.006 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

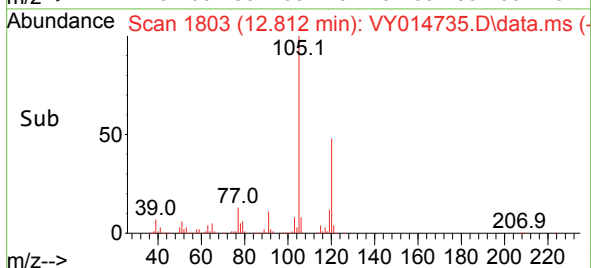
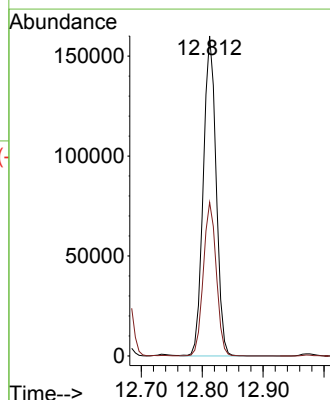
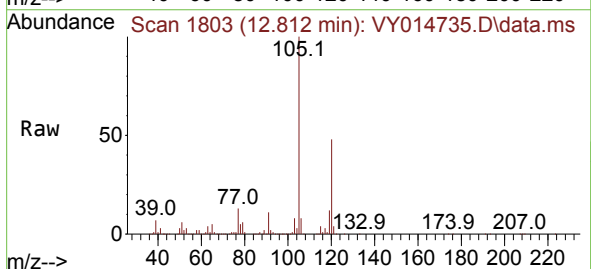
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0721SBS01

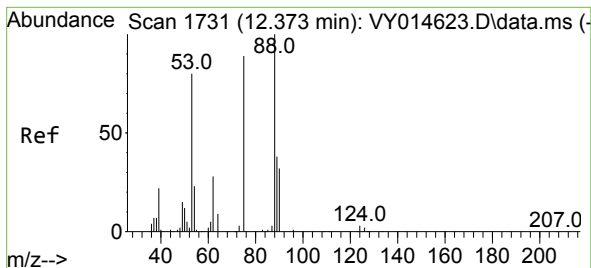
Tgt Ion: 91 Resp: 191994  
Ion Ratio Lower Upper  
91 100  
126 34.9 17.3 51.7



#80  
1,3,5-Trimethylbenzene  
Concen: 19.932 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

Tgt Ion: 105 Resp: 235067  
Ion Ratio Lower Upper  
105 100  
120 48.3 23.9 71.7

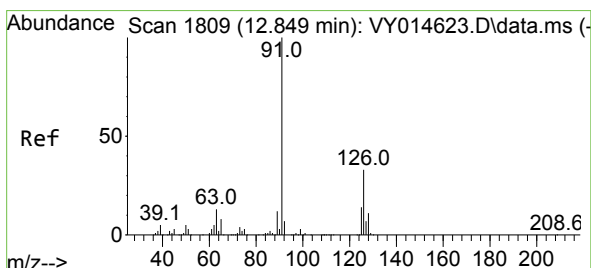
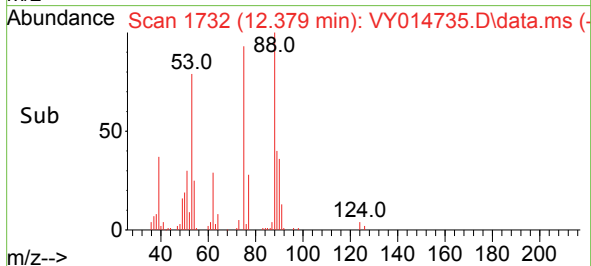
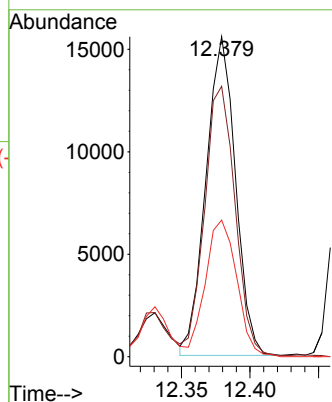
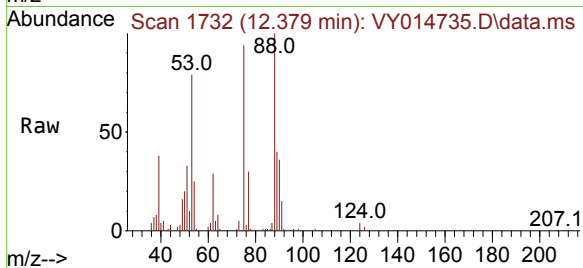




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.808 ug/l  
RT: 12.379 min Scan# 1731  
Delta R.T. 0.006 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

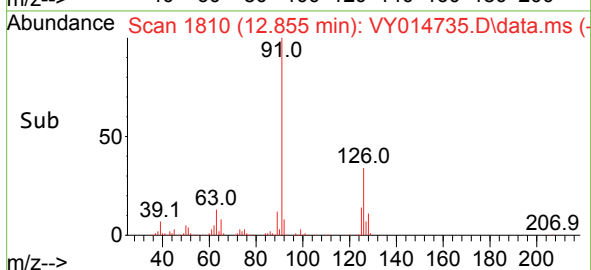
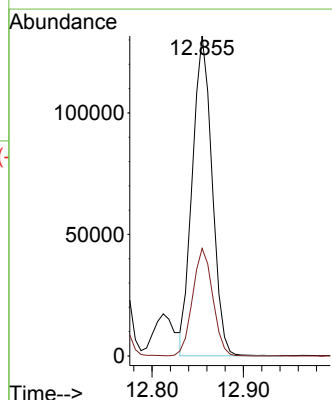
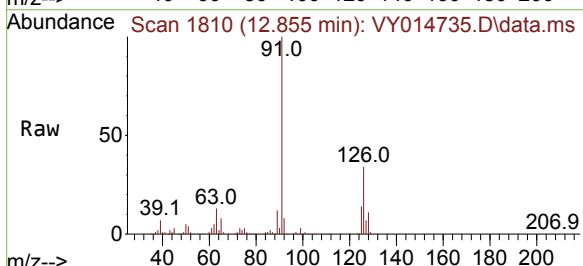
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0721SBS01

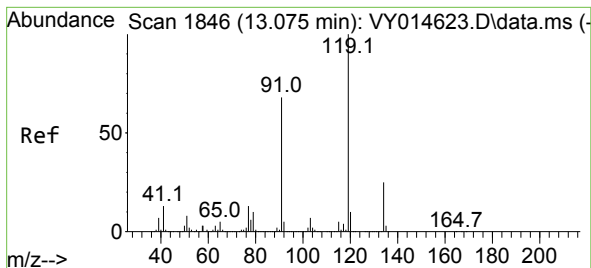
Tgt Ion: 75 Resp: 23303  
Ion Ratio Lower Upper  
75 100  
53 87.4 77.8 116.8  
89 45.2 37.4 56.0



#82  
4-Chlorotoluene  
Concen: 19.522 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.006 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

Tgt Ion: 91 Resp: 197059  
Ion Ratio Lower Upper  
91 100  
126 34.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.585 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.001 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA\_Y

ClientSampleId :

VY0721SBS01

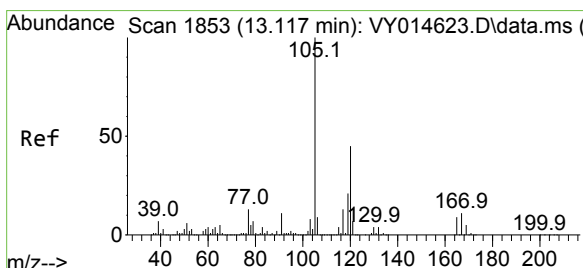
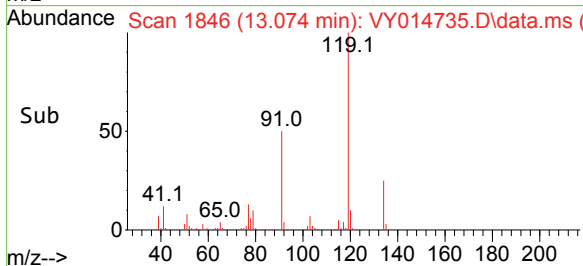
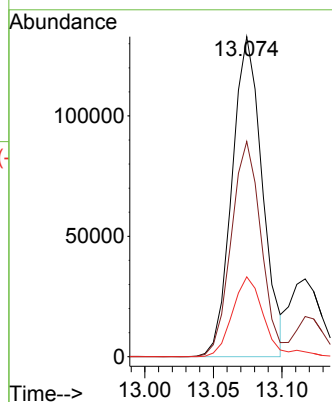
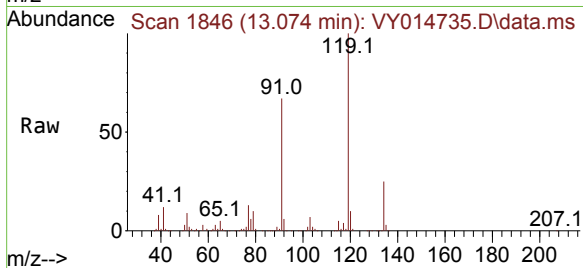
Tgt Ion:119 Resp: 204898

Ion Ratio Lower Upper

119 100

91 65.9 32.9 98.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.145 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY014735.D

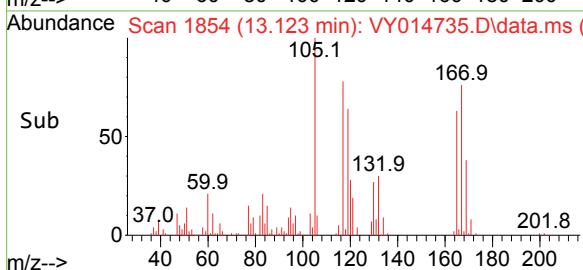
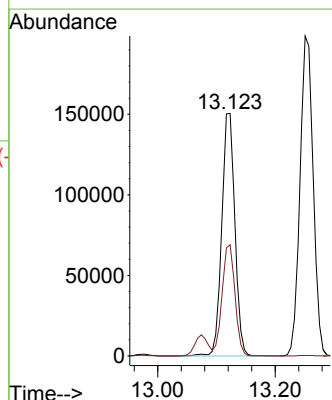
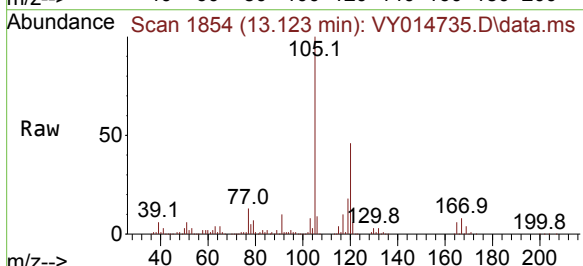
Acq: 21 Jul 2023 10:36

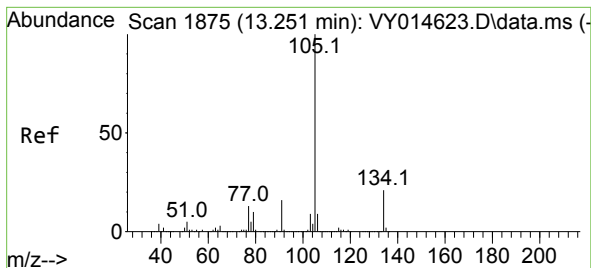
Tgt Ion:105 Resp: 233166

Ion Ratio Lower Upper

105 100

120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.109 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA\_Y

ClientSampleId :

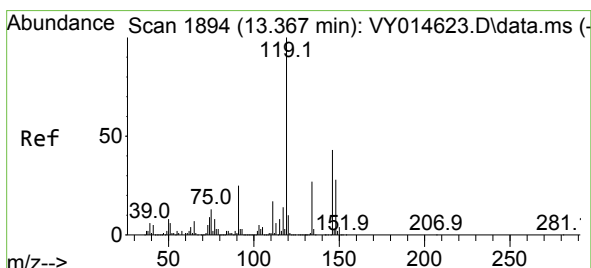
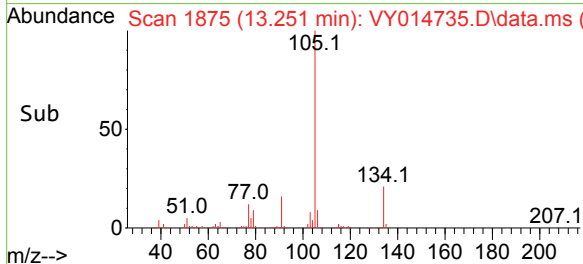
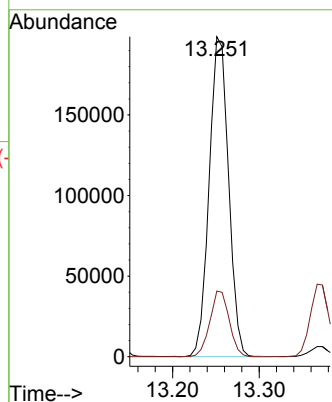
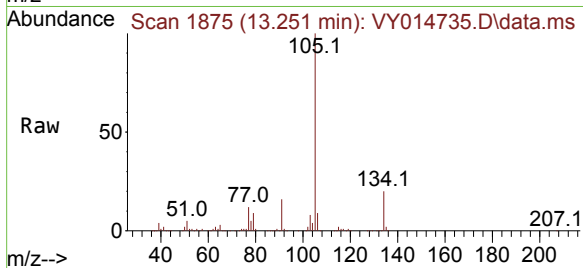
VY0721SBS01

Tgt Ion:105 Resp: 308614

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.499 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

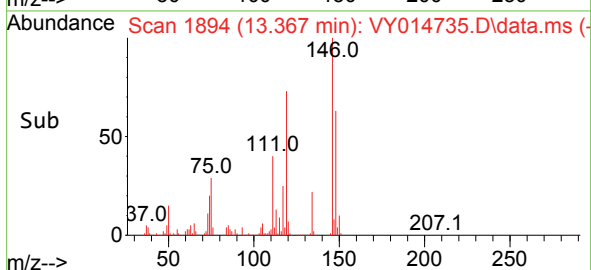
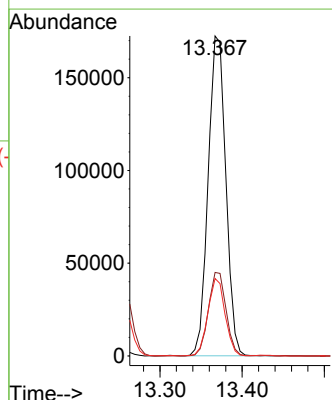
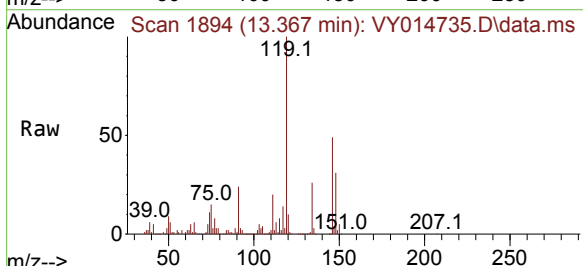
Tgt Ion:119 Resp: 256854

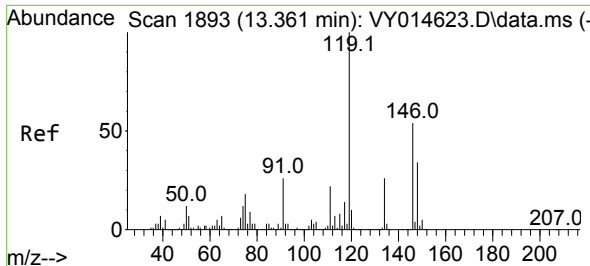
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.5 12.4 37.4

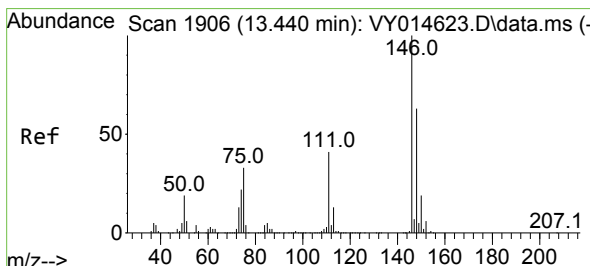
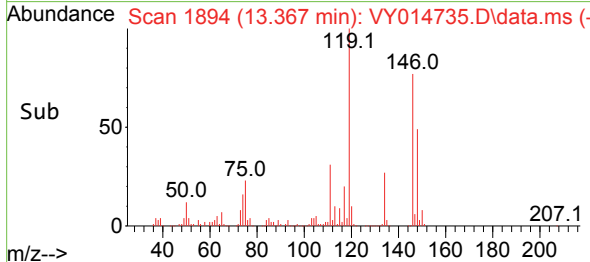
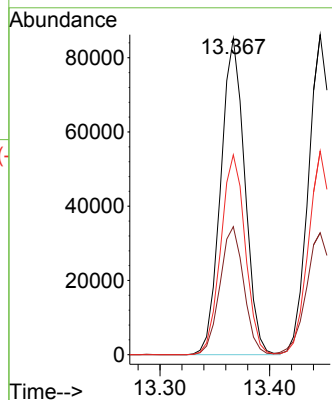
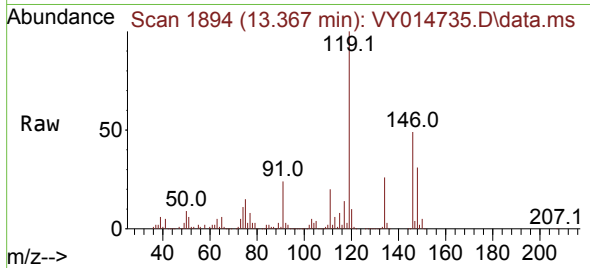




#87  
1,3-Dichlorobenzene  
Concen: 20.724 ug/l  
RT: 13.367 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

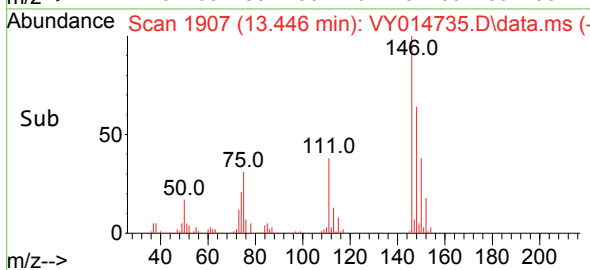
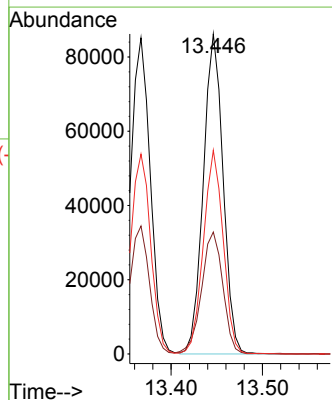
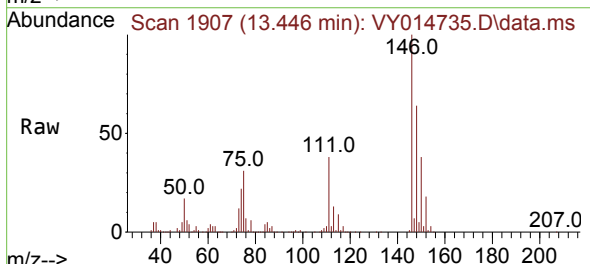
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0721SBS01

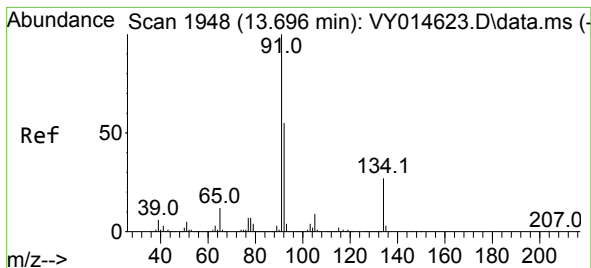
Tgt Ion:146 Resp: 130020  
Ion Ratio Lower Upper  
146 100  
111 40.1 19.4 58.2  
148 63.9 31.9 95.5



#88  
1,4-Dichlorobenzene  
Concen: 20.571 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. 0.006 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

Tgt Ion:146 Resp: 129329  
Ion Ratio Lower Upper  
146 100  
111 40.7 18.9 56.7  
148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 19.971 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA\_Y

ClientSampleId :

VY0721SBS01

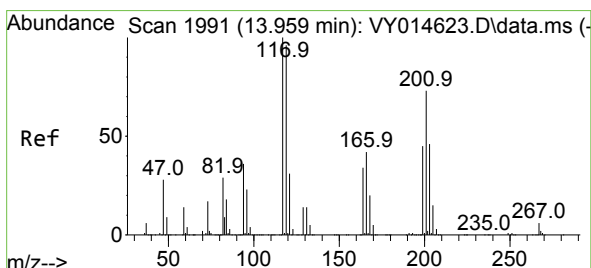
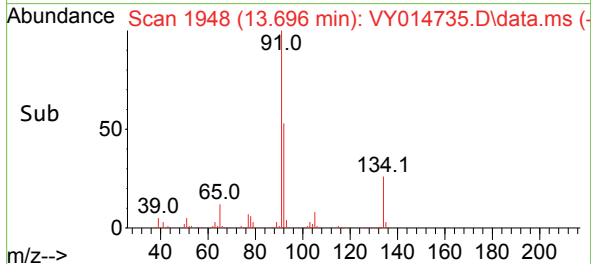
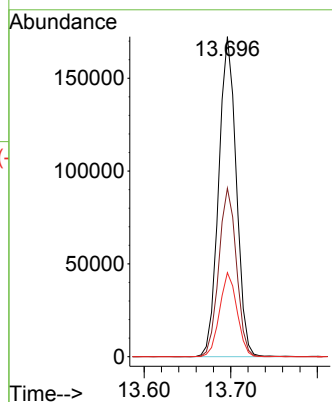
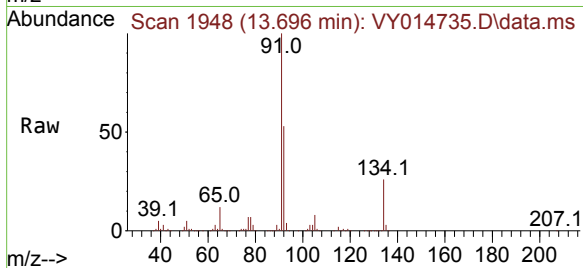
Tgt Ion: 91 Resp: 243453

Ion Ratio Lower Upper

91 100

92 52.8 25.4 76.0

134 26.0 12.6 37.6



#90

Hexachloroethane

Concen: 19.390 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.001 min

Lab File: VY014735.D

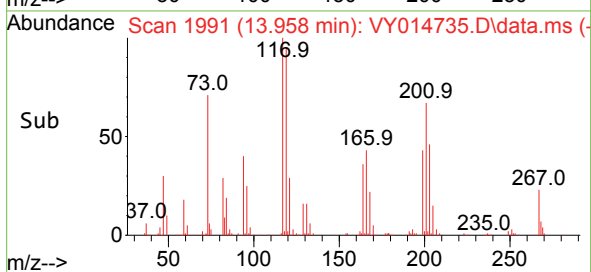
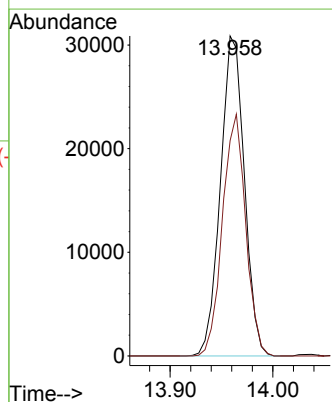
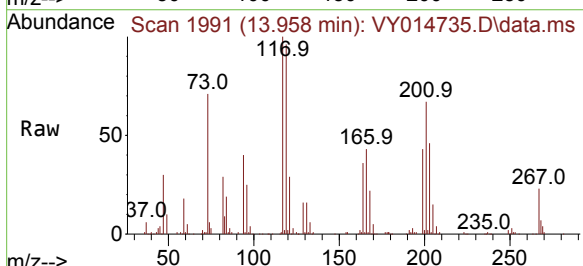
Acq: 21 Jul 2023 10:36

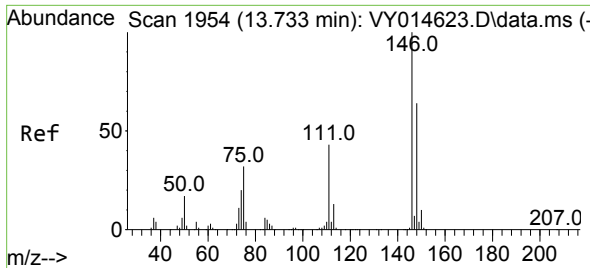
Tgt Ion: 117 Resp: 49903

Ion Ratio Lower Upper

117 100

201 73.3 41.6 124.8

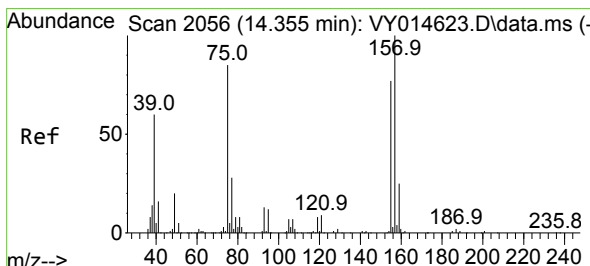
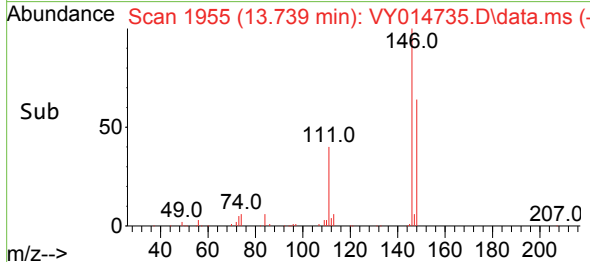
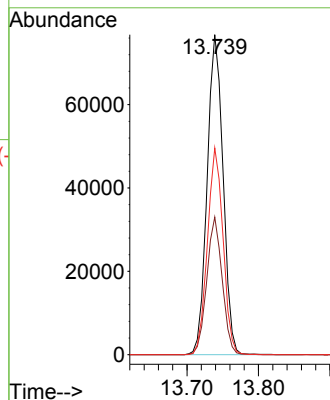
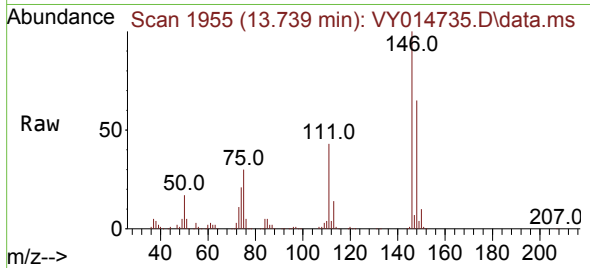




#91  
1,2-Dichlorobenzene  
Concen: 20.635 ug/l  
RT: 13.739 min Scan# 1954  
Delta R.T. 0.006 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

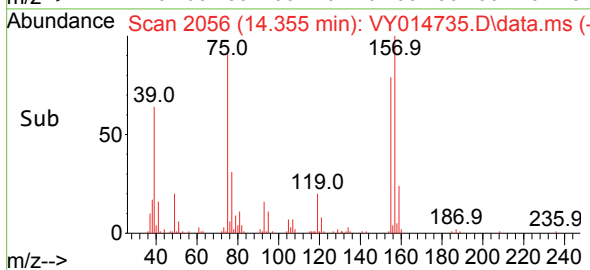
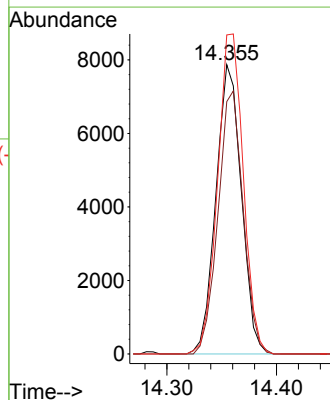
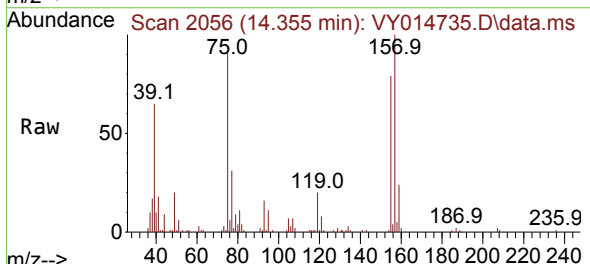
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0721SBS01

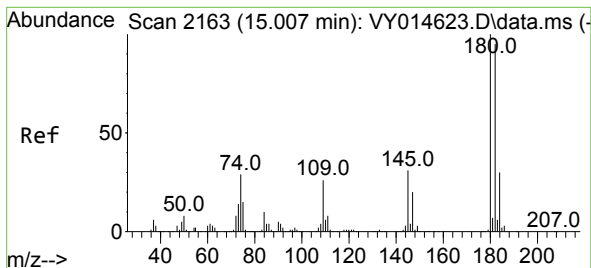
Tgt Ion:146 Resp: 118613  
Ion Ratio Lower Upper  
146 100  
111 41.9 19.7 59.0  
148 63.5 32.0 96.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.586 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY014735.D  
Acq: 21 Jul 2023 10:36

Tgt Ion: 75 Resp: 12678  
Ion Ratio Lower Upper  
75 100  
155 89.9 41.5 124.6  
157 112.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.157 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA\_Y

ClientSampleId :

VY0721SBS01

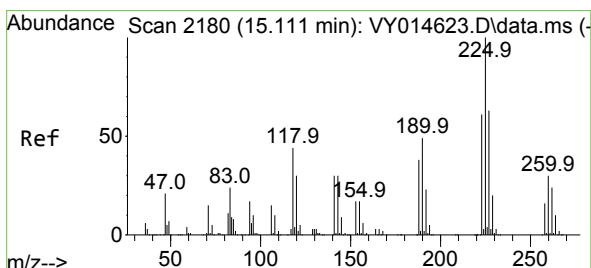
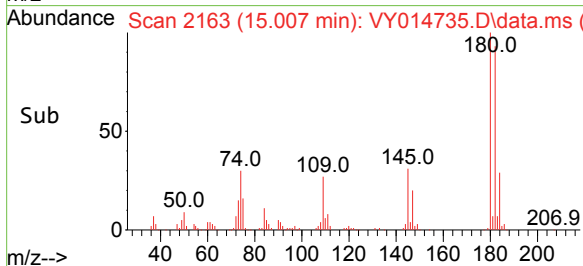
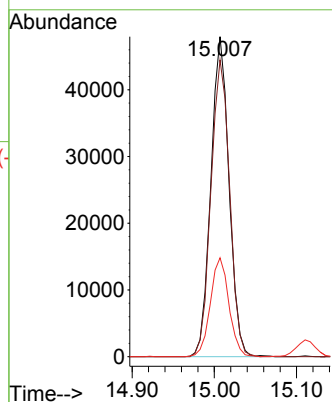
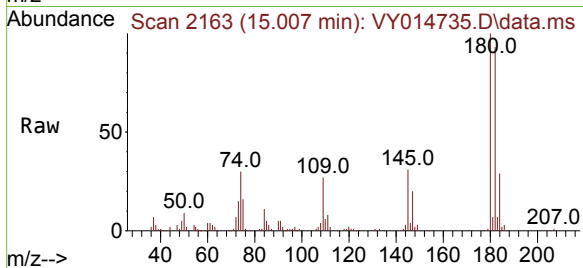
Tgt Ion:180 Resp: 73547

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

145 31.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.450 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

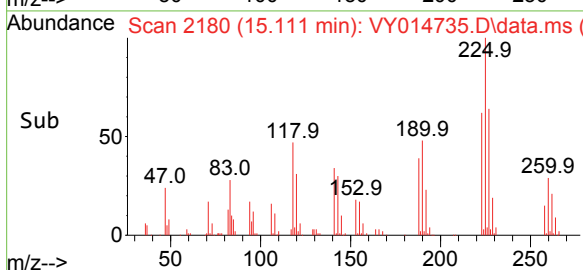
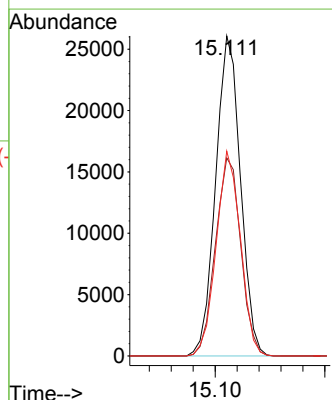
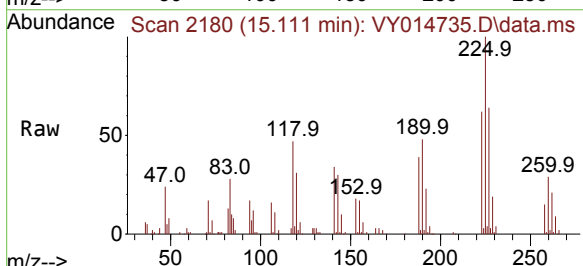
Tgt Ion:225 Resp: 41005

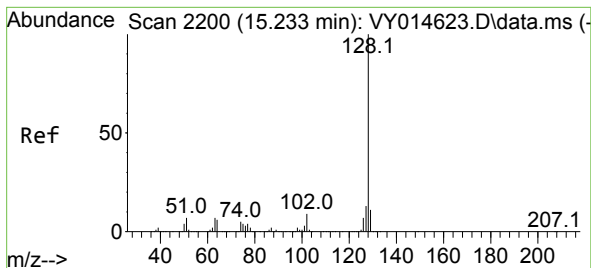
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.9

227 62.4 33.0 98.9





#95

Naphthalene

Concen: 20.672 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.001 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA\_Y

ClientSampleId :

VY0721SBS01

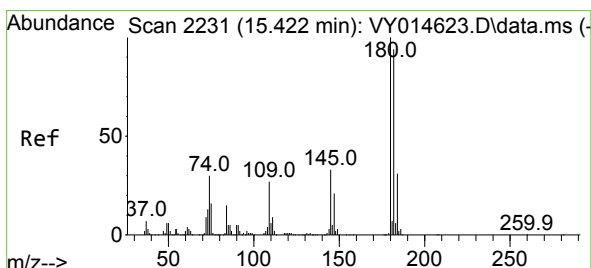
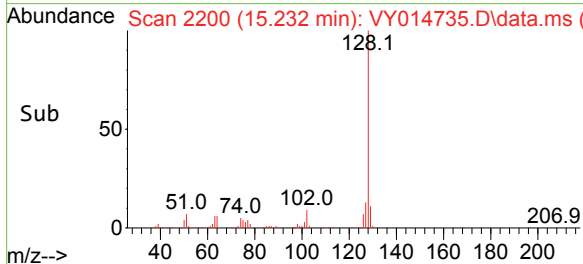
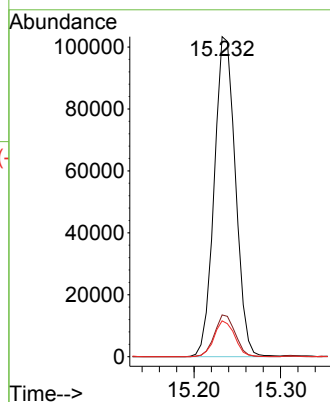
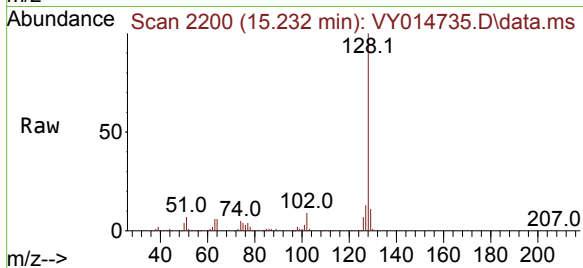
Tgt Ion:128 Resp: 175733

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.958 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Tgt Ion:180 Resp: 64721

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.8

145 34.1 15.4 46.2

