

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062823\  
 Data File : VY014472.D  
 Acq On : 28 Jun 2023 11:52  
 Operator : KP/MD  
 Sample : VY0628SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0628SBS01

Quant Time: Jun 29 02:14:55 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062323S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 23 17:18:46 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 238437   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 357672   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 340442   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 186338   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.137  | 65    | 153809   | 51.955   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 103.920% |      |
| 35) Dibromofluoromethane    | 7.716  | 113   | 117367   | 53.113   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 106.220% |      |
| 50) Toluene-d8              | 10.179 | 98    | 448606   | 51.070   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 102.140% |      |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 159266   | 50.787   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 101.580% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 45877  | 20.728  | ug/l   | 97  |
| 3) Chloromethane             | 2.113 | 50  | 43440  | 20.056  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.247 | 62  | 46281  | 19.605  | ug/l   | 99  |
| 5) Bromomethane              | 2.625 | 94  | 43454  | 20.950  | ug/l   | 95  |
| 6) Chloroethane              | 2.784 | 64  | 31756  | 20.308  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.113 | 101 | 94318  | 20.236  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.528 | 74  | 29540  | 20.788  | ug/l   | 89  |
| 9) 1,1,2-Trichlorotrifluo... | 3.893 | 101 | 43299  | 19.656  | ug/l   | 96  |
| 10) Methyl Iodide            | 4.082 | 142 | 47507  | 18.255  | ug/l   | 96  |
| 11) Tert butyl alcohol       | 4.942 | 59  | 67076  | 170.892 | ug/l # | 90  |
| 12) 1,1-Dichloroethene       | 3.869 | 96  | 43286  | 19.706  | ug/l   | 91  |
| 13) Acrolein                 | 3.723 | 56  | 42168  | 109.063 | ug/l   | 99  |
| 14) Allyl chloride           | 4.479 | 41  | 70829  | 20.190  | ug/l   | 95  |
| 15) Acrylonitrile            | 5.161 | 53  | 88106  | 110.881 | ug/l   | 99  |
| 16) Acetone                  | 3.942 | 43  | 94696  | 101.655 | ug/l   | 99  |
| 17) Carbon Disulfide         | 4.192 | 76  | 134853 | 19.838  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.473 | 43  | 68998  | 21.545  | ug/l   | 94  |
| 19) Methyl tert-butyl Ether  | 5.216 | 73  | 141238 | 20.905  | ug/l   | 98  |
| 20) Methylene Chloride       | 4.710 | 84  | 62682  | 19.961  | ug/l   | 93  |
| 21) trans-1,2-Dichloroethene | 5.216 | 96  | 47553  | 19.688  | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.119 | 45  | 141871 | 20.349  | ug/l   | 95  |
| 23) Vinyl Acetate            | 6.058 | 43  | 448278 | 125.938 | ug/l # | 95  |
| 24) 1,1-Dichloroethane       | 6.015 | 63  | 82658  | 19.966  | ug/l   | 97  |
| 25) 2-Butanone               | 6.984 | 43  | 128707 | 110.930 | ug/l   | 100 |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 86971  | 19.868  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 6.984 | 96  | 54497  | 20.044  | ug/l   | 100 |
| 28) Bromochloromethane       | 7.338 | 49  | 40247  | 22.291  | ug/l   | 85  |
| 29) Tetrahydrofuran          | 7.350 | 42  | 79279  | 114.592 | ug/l   | 90  |
| 30) Chloroform               | 7.509 | 83  | 95836  | 20.521  | ug/l   | 93  |
| 31) Cyclohexane              | 7.783 | 56  | 69704  | 19.062  | ug/l   | 88  |
| 32) 1,1,1-Trichloroethane    | 7.704 | 97  | 87877  | 19.769  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 65816  | 19.328  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.076 | 43  | 51561  | 21.971  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 7.899 | 117 | 84032  | 19.610  | ug/l   | 93  |
| 39) Methylcyclohexane        | 9.185 | 83  | 74354  | 18.979  | ug/l   | 97  |
| 40) Benzene                  | 8.161 | 78  | 195258 | 20.245  | ug/l   | 99  |

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 Sample : VY0628SBS01  
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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0628SBS01

Quant Time: Jun 29 02:14:55 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062323S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 23 17:18:46 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 76149    | 65.474  | ug/l # | 33       |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 76291    | 20.863  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 90080    | 21.738  | ug/l   | 97       |
| 44) Trichloroethene           | 8.935  | 130  | 55223    | 19.943  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 47108    | 20.715  | ug/l   | 90       |
| 46) Dibromomethane            | 9.307  | 93   | 33359    | 21.466  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.496  | 83   | 73123    | 20.188  | ug/l   | 93       |
| 48) Methyl methacrylate       | 9.295  | 41   | 42000    | 21.823  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 11261    | 463.435 | ug/l # | 64       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 264598   | 113.136 | ug/l   | 98       |
| 52) Toluene                   | 10.246 | 92   | 127459   | 20.539  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 80719    | 20.555  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 83398    | 20.589  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 44926    | 21.589  | ug/l   | 90       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 63292    | 21.297  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 72859    | 20.816  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.783  | 63   | 156933   | 112.731 | ug/l   | 94       |
| 59) 2-Hexanone                | 10.831 | 43   | 199925   | 113.443 | ug/l   | 98       |
| 60) Dibromochloromethane      | 10.984 | 129  | 58203    | 21.084  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 44690    | 21.569  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 58279    | 20.117  | ug/l   | 94       |
| 65) Chlorobenzene             | 11.514 | 112  | 139074   | 19.884  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 55400    | 19.664  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 240689   | 19.326  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 191104   | 39.286  | ug/l   | 98       |
| 69) o-Xylene                  | 12.032 | 106  | 88706    | 19.164  | ug/l   | 100      |
| 70) Styrene                   | 12.044 | 104  | 155636   | 19.618  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 43457    | 20.871  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 235339   | 18.756  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 80754    | 20.322  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 56636    | 21.121  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 80874    | 34.599  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 63058    | 19.329  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.672 | 91   | 286907   | 18.953  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 165468   | 19.140  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 207876   | 19.152  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 20434    | 19.903  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 181375   | 19.694  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.075 | 119  | 171772   | 18.460  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 208635   | 19.398  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 254587   | 18.920  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 221096   | 18.977  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 125342   | 19.919  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 126255   | 19.958  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.697 | 91   | 199521   | 18.743  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.965 | 117  | 41601    | 18.770  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 114620   | 19.953  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 12751    | 21.515  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 74319    | 19.913  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 43622    | 19.458  | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 162028   | 20.193  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 67200    | 19.775  | ug/l   | 100      |

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Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
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VY0628SBS01

Quant Time: Jun 29 02:14:55 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062323S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 23 17:18:46 2023  
Response via : Initial Calibration

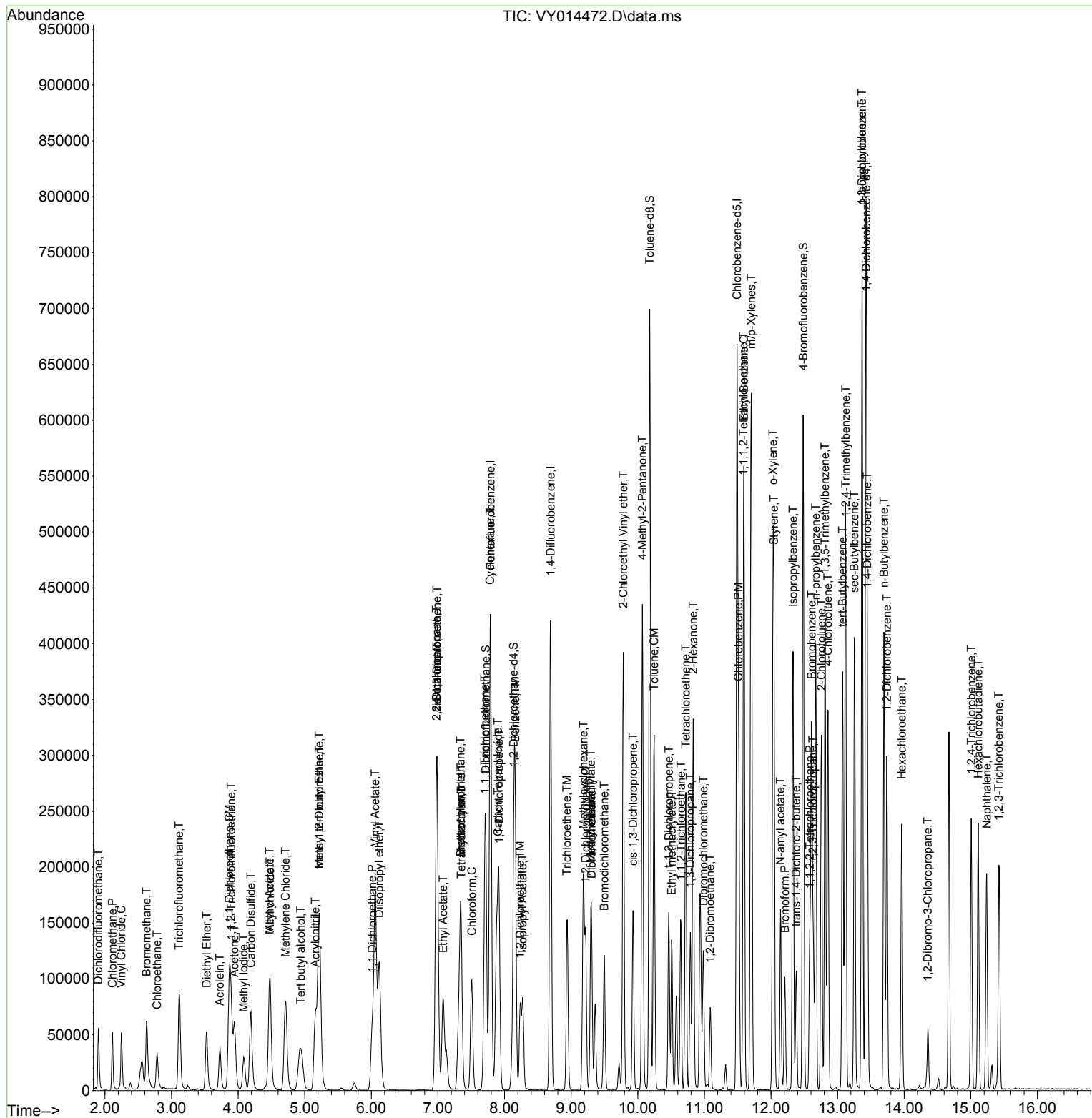
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

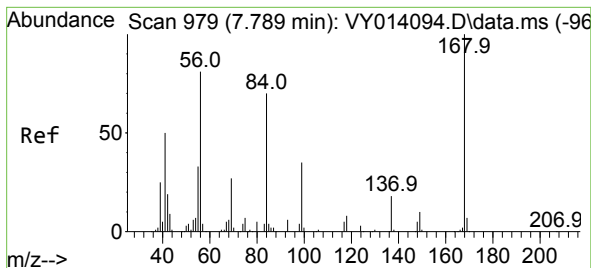
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062823\  
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

Instrument :

MSVOA\_Y

ClientSampleId :

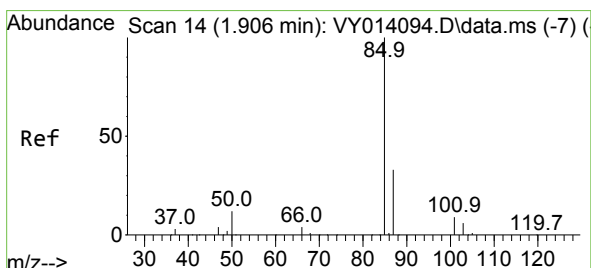
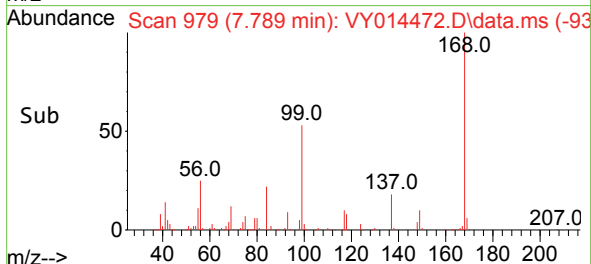
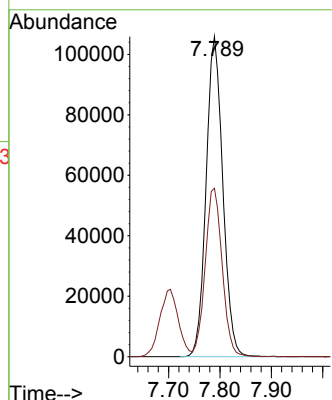
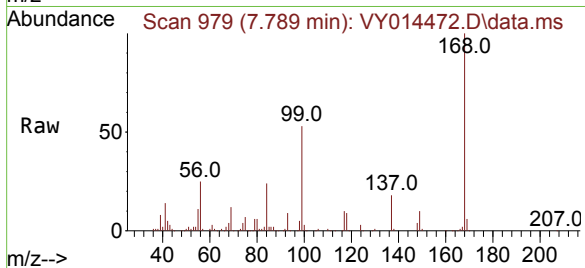
VY0628SBS01

Tgt Ion:168 Resp: 238437

Ion Ratio Lower Upper

168 100

99 52.7 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 20.728 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY014472.D

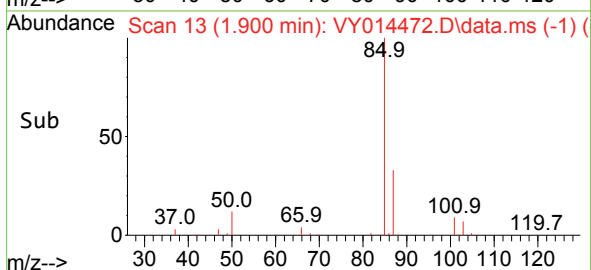
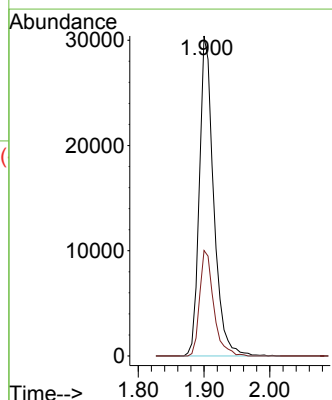
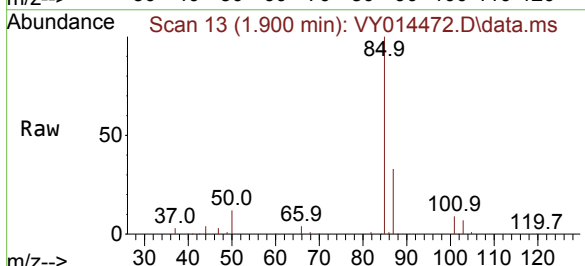
Acq: 28 Jun 2023 11:52

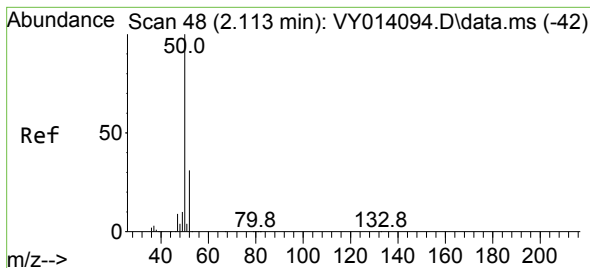
Tgt Ion: 85 Resp: 45877

Ion Ratio Lower Upper

85 100

87 33.0 15.6 46.8





#3

Chloromethane

Concen: 20.056 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

Instrument :

MSVOA\_Y

ClientSampleId :

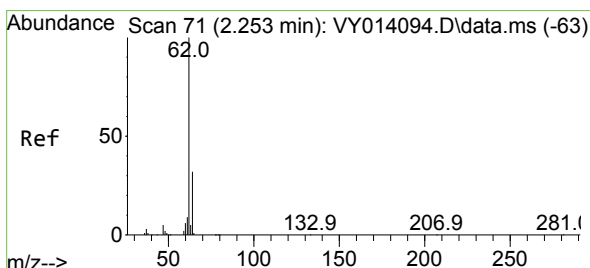
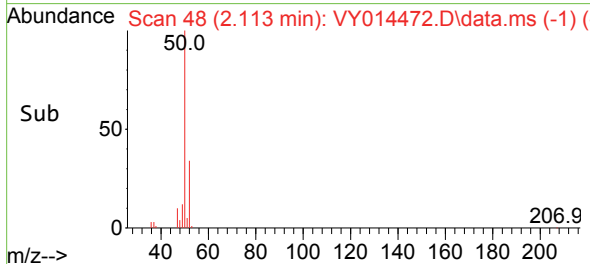
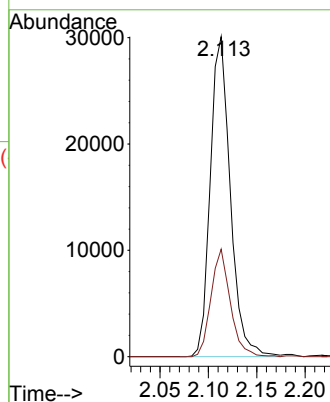
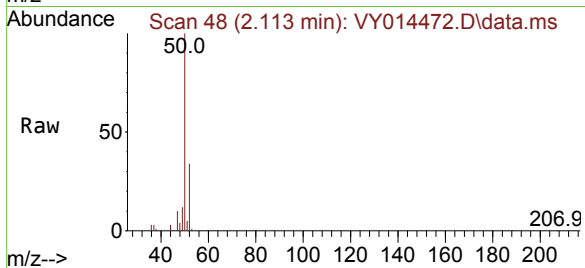
VY0628SBS01

Tgt Ion: 50 Resp: 43440

Ion Ratio Lower Upper

50 100

52 33.6 25.4 38.2



#4

Vinyl Chloride

Concen: 19.605 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.006 min

Lab File: VY014472.D

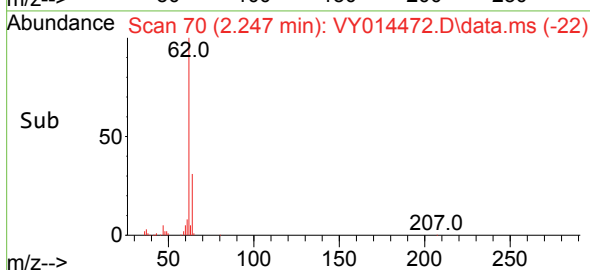
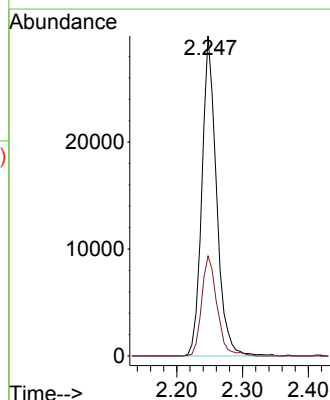
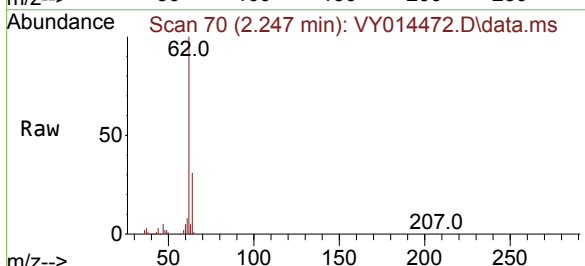
Acq: 28 Jun 2023 11:52

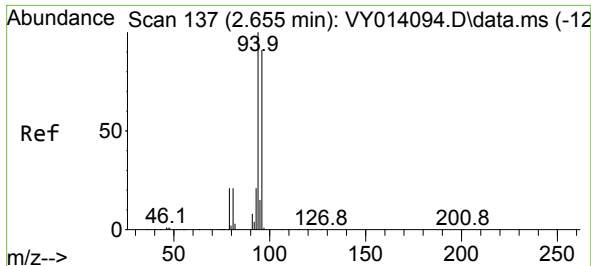
Tgt Ion: 62 Resp: 46281

Ion Ratio Lower Upper

62 100

64 31.2 24.3 36.5

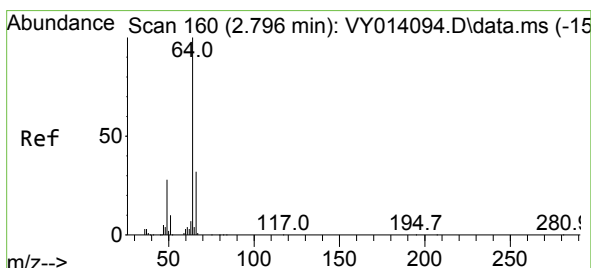
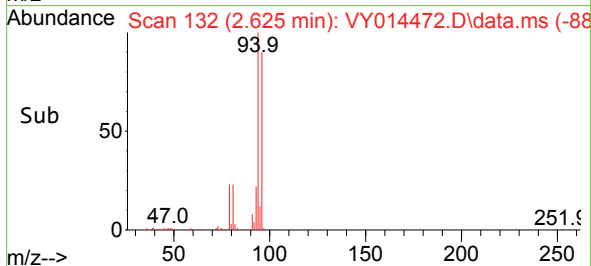
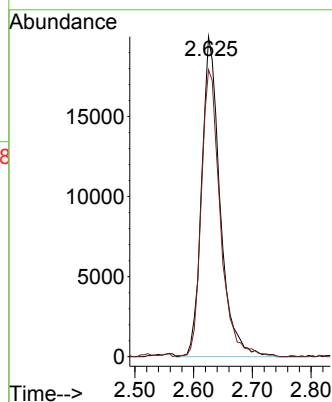
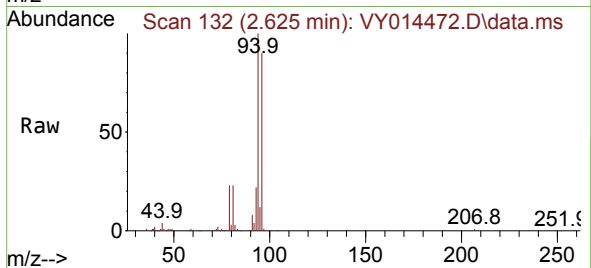




#5  
Bromomethane  
Concen: 20.950 ug/l  
RT: 2.625 min Scan# 11  
Delta R.T. -0.030 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

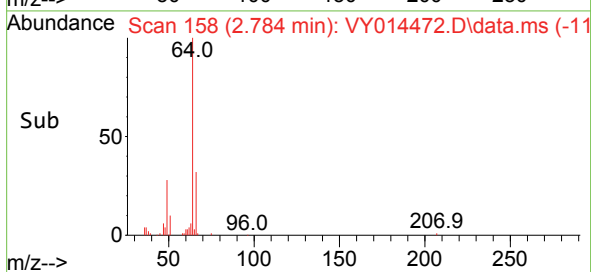
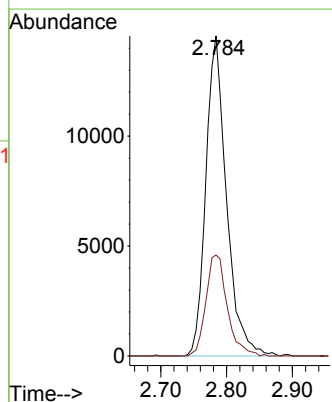
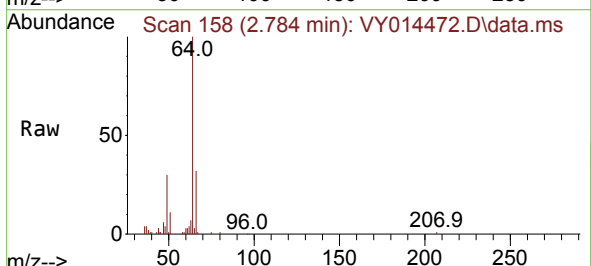
Instrument :  
MSVOA\_Y  
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VY0628SBS01

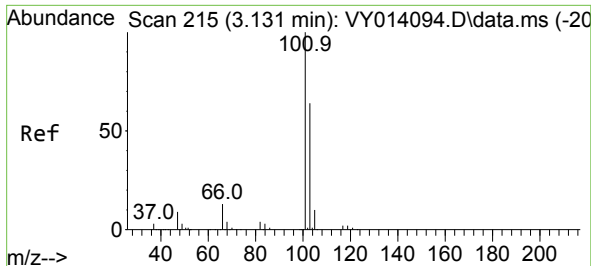
Tgt Ion: 94 Resp: 43454  
Ion Ratio Lower Upper  
94 100  
96 89.7 75.8 113.6



#6  
Chloroethane  
Concen: 20.308 ug/l  
RT: 2.784 min Scan# 158  
Delta R.T. -0.012 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

Tgt Ion: 64 Resp: 31756  
Ion Ratio Lower Upper  
64 100  
66 31.6 24.4 36.6

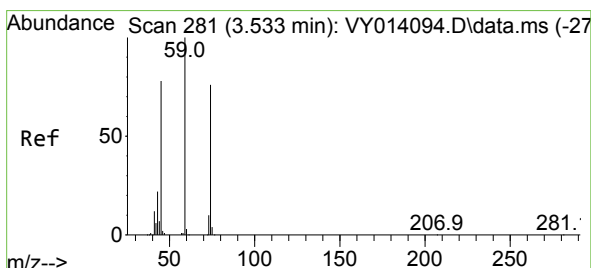
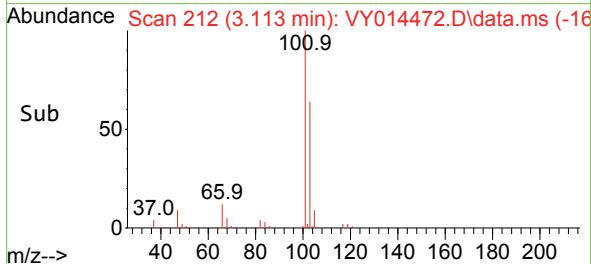
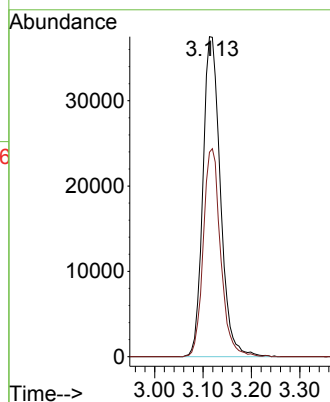
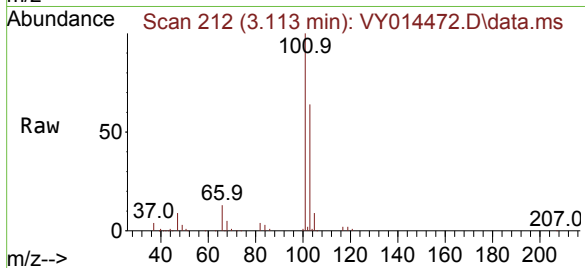




#7  
Trichlorofluoromethane  
Concen: 20.236 ug/l  
RT: 3.113 min Scan# 215  
Delta R.T. -0.018 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

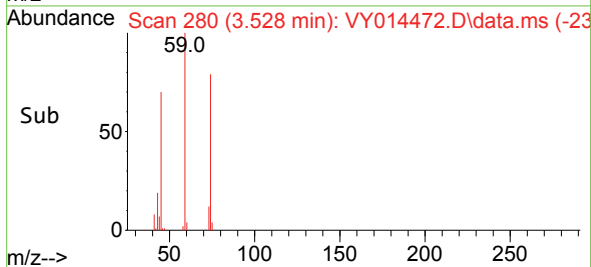
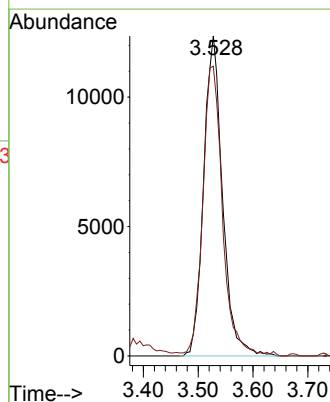
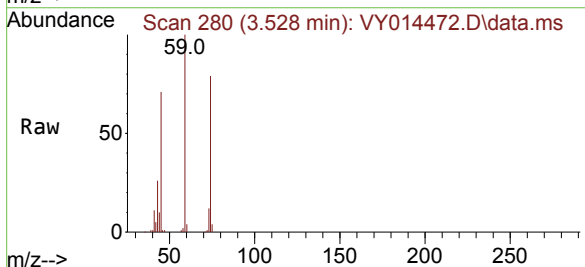
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0628SBS01

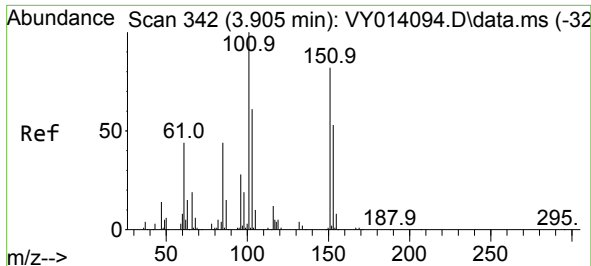
Tgt Ion:101 Resp: 94318  
Ion Ratio Lower Upper  
101 100  
103 63.9 51.4 77.0



#8  
Diethyl Ether  
Concen: 20.788 ug/l  
RT: 3.528 min Scan# 280  
Delta R.T. -0.005 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

Tgt Ion: 74 Resp: 29540  
Ion Ratio Lower Upper  
74 100  
45 91.9 51.5 154.5

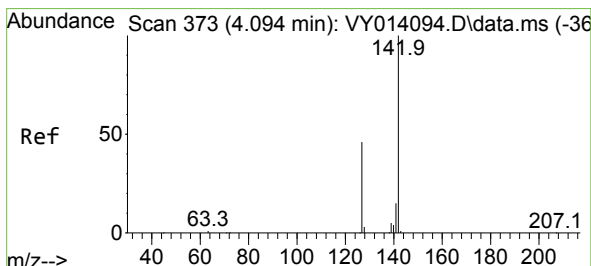
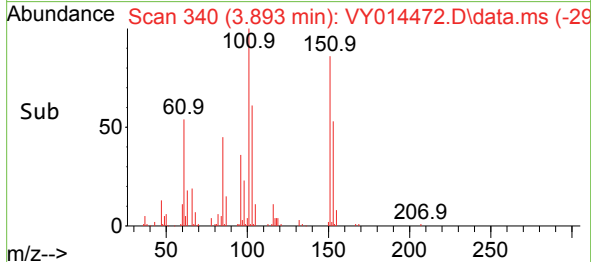
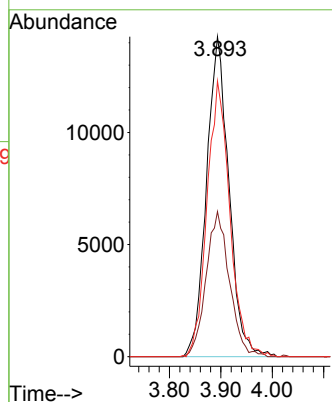
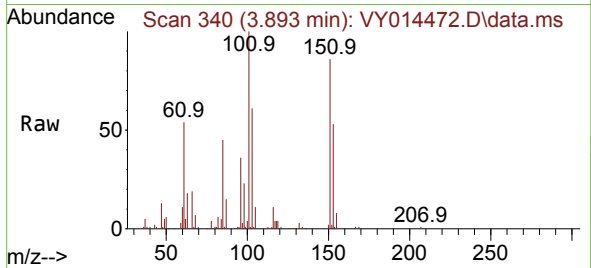




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.656 ug/l  
RT: 3.893 min Scan# 34  
Delta R.T. -0.012 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

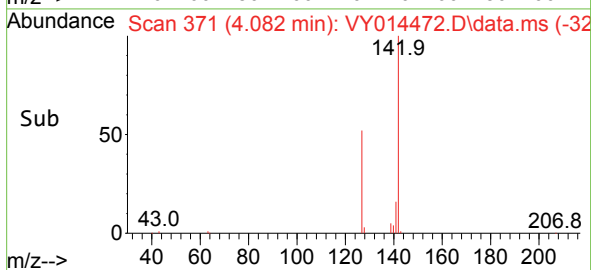
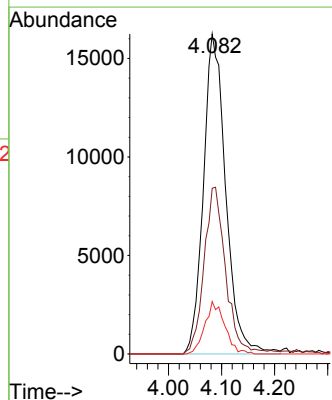
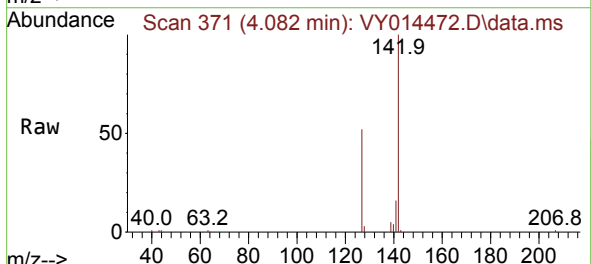
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0628SBS01

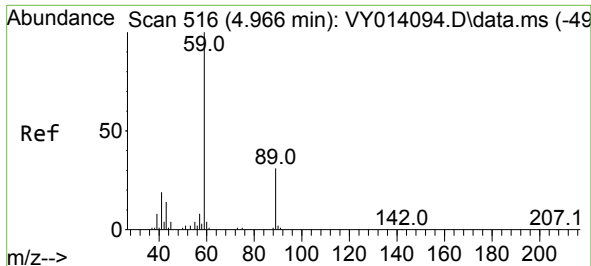
Tgt Ion:101 Resp: 43299  
Ion Ratio Lower Upper  
101 100  
85 47.2 36.6 55.0  
151 87.7 67.0 100.6



#10  
Methyl Iodide  
Concen: 18.255 ug/l  
RT: 4.082 min Scan# 371  
Delta R.T. -0.012 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

Tgt Ion:142 Resp: 47507  
Ion Ratio Lower Upper  
142 100  
127 50.4 37.6 56.4  
141 14.6 11.8 17.8

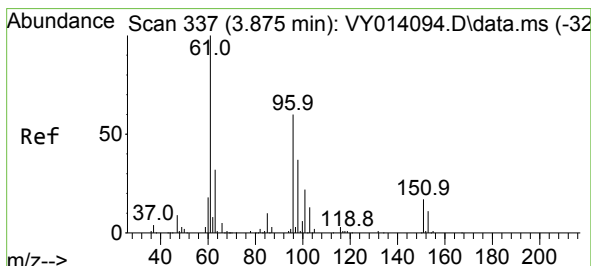
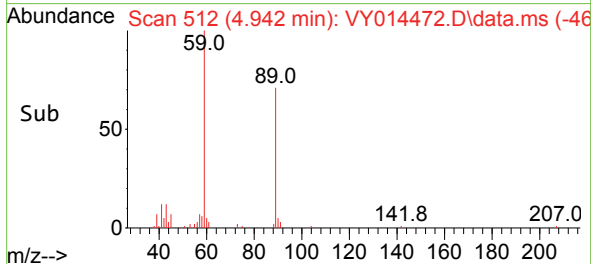
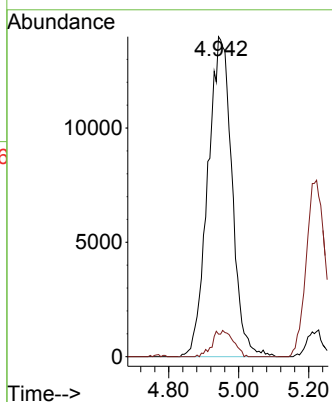
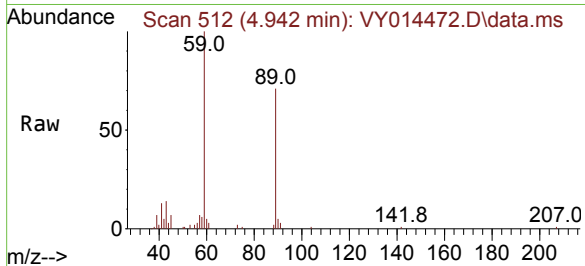




#11  
Tert butyl alcohol  
Concen: 170.892 ug/l  
RT: 4.942 min Scan# 516  
Delta R.T. -0.024 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

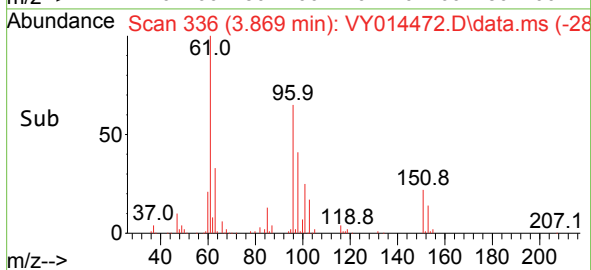
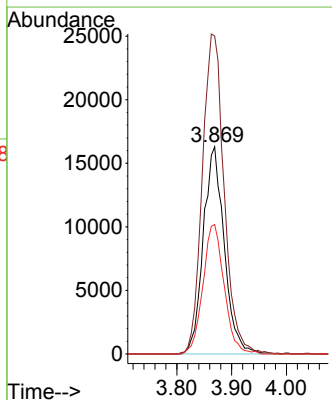
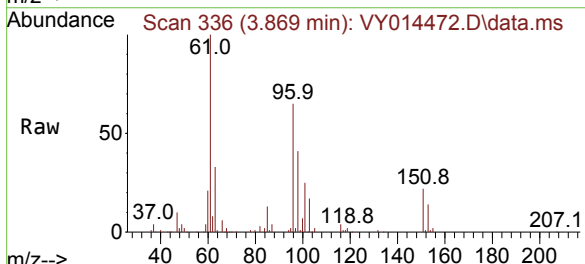
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0628SBS01

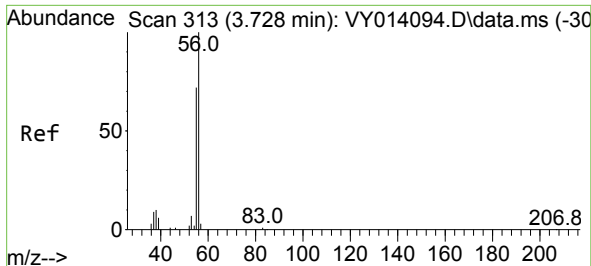
Tgt Ion: 59 Resp: 67076  
Ion Ratio Lower Upper  
59 100  
57 7.1 3.0 4.4#



#12  
1,1-Dichloroethene  
Concen: 19.706 ug/l  
RT: 3.869 min Scan# 336  
Delta R.T. -0.006 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

Tgt Ion: 96 Resp: 43286  
Ion Ratio Lower Upper  
96 100  
61 153.4 136.4 204.6  
98 62.5 49.4 74.2





#13

Acrolein

Concen: 109.063 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.005 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

Instrument :

MSVOA\_Y

ClientSampleId :

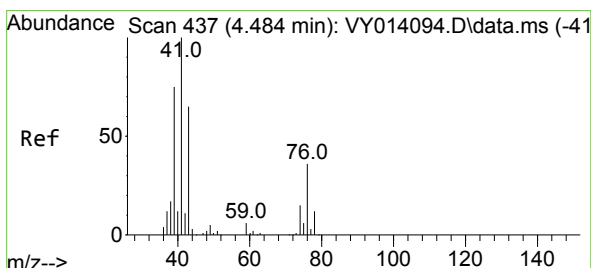
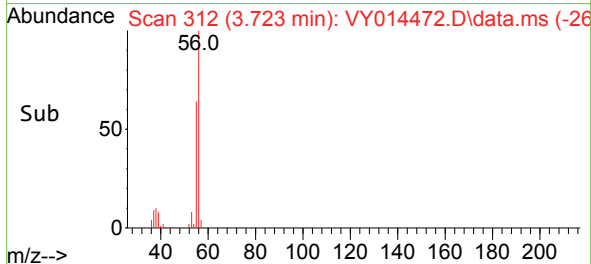
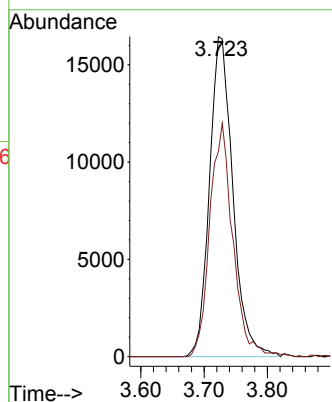
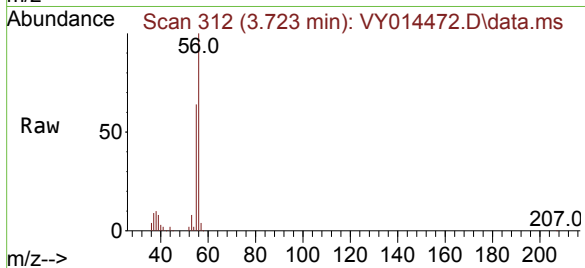
VY0628SBS01

Tgt Ion: 56 Resp: 42168

Ion Ratio Lower Upper

56 100

55 71.9 57.0 85.4



#14

Allyl chloride

Concen: 20.190 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.005 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

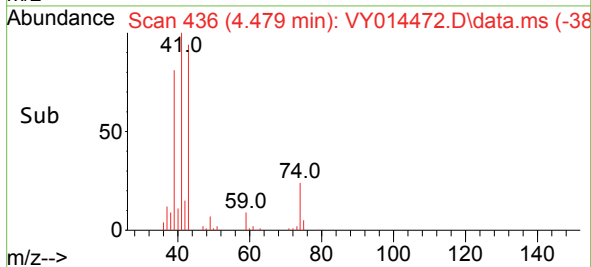
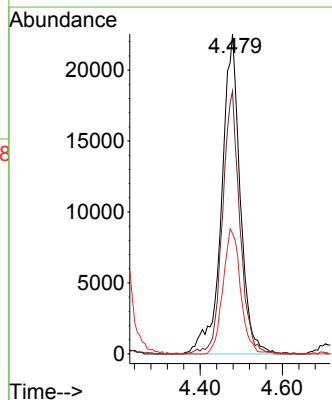
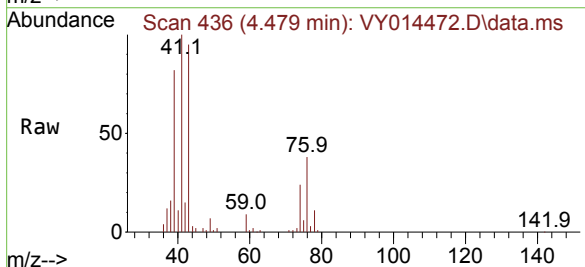
Tgt Ion: 41 Resp: 70829

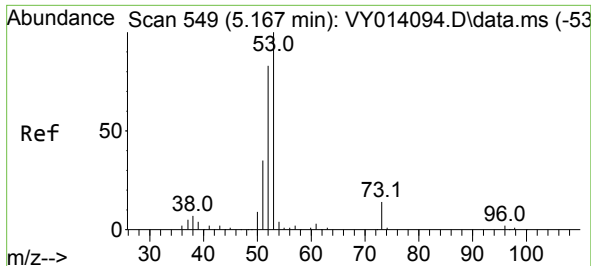
Ion Ratio Lower Upper

41 100

39 76.7 58.0 87.0

76 37.1 27.4 41.2

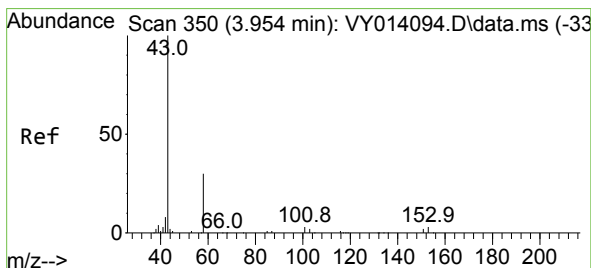
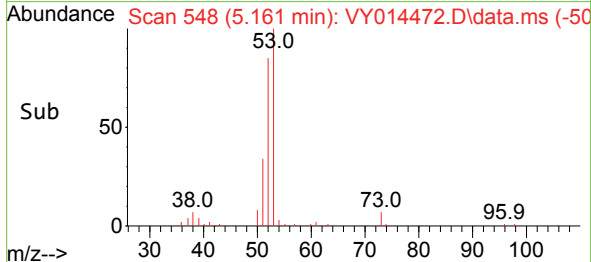
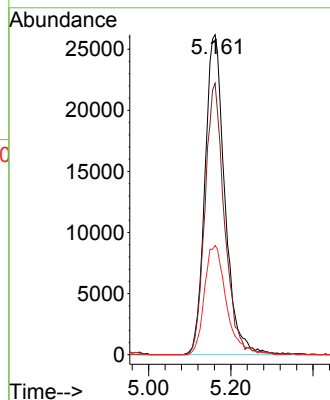
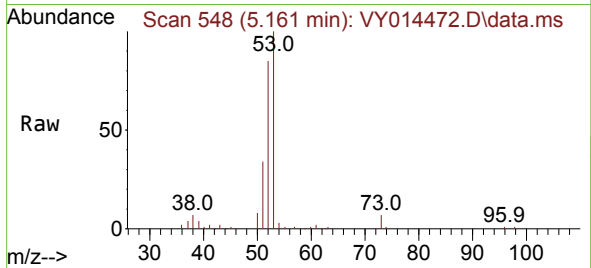




#15  
Acrylonitrile  
Concen: 110.881 ug/l  
RT: 5.161 min Scan# 549  
Delta R.T. -0.006 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

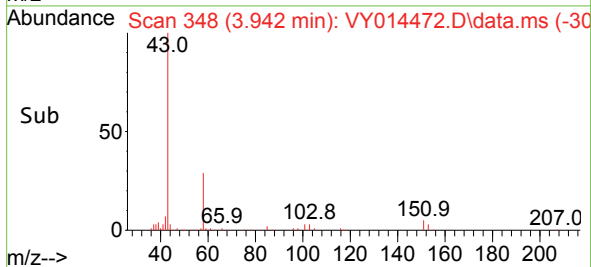
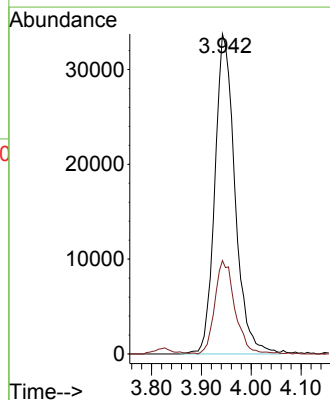
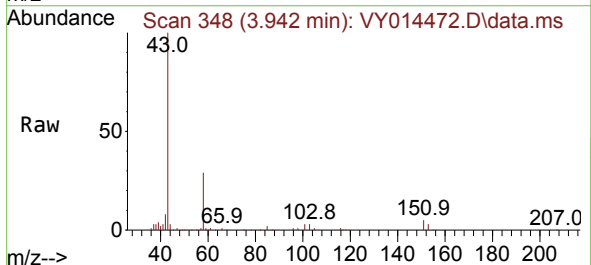
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0628SBS01

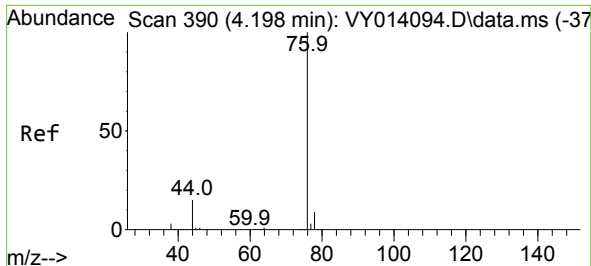
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 88106 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 83.1  | 66.9  | 100.3 |
| 51       | 37.6  | 29.8  | 44.6  |



#16  
Acetone  
Concen: 101.655 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. -0.012 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 94696 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 28.9  | 22.7  | 34.1  |

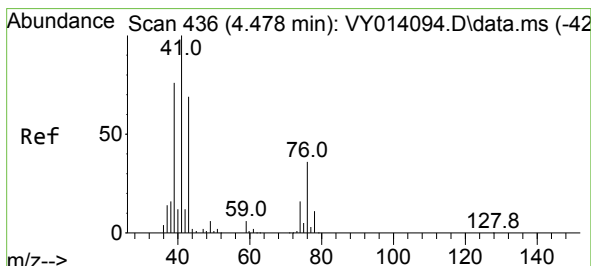
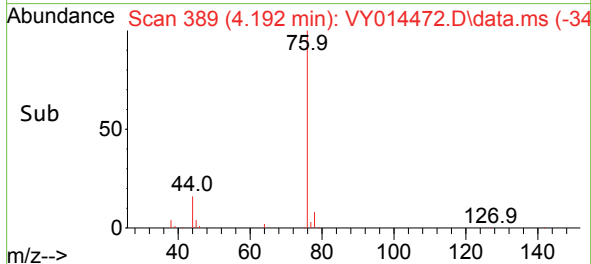
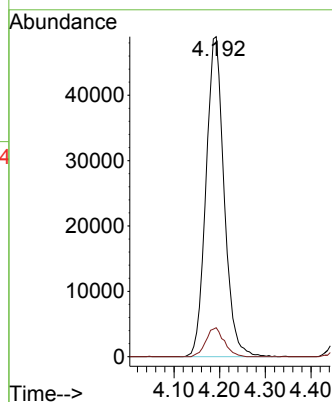
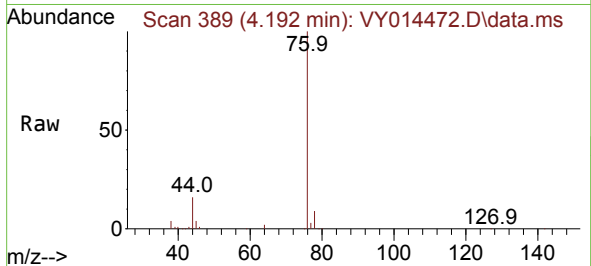




#17  
Carbon Disulfide  
Concen: 19.838 ug/l  
RT: 4.192 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

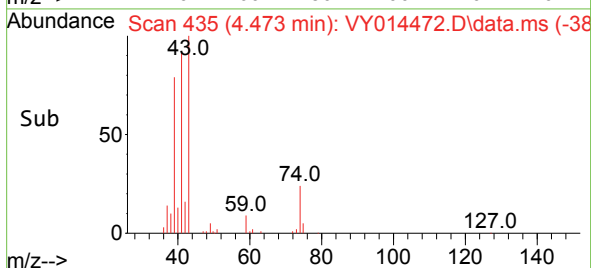
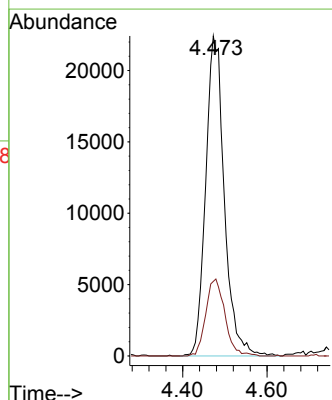
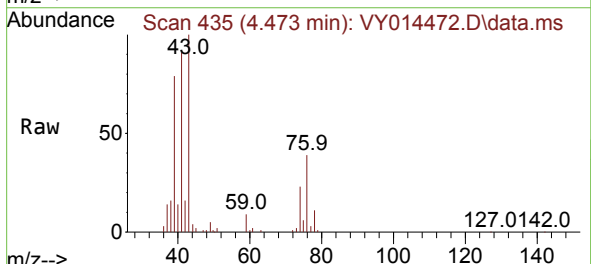
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0628SBS01

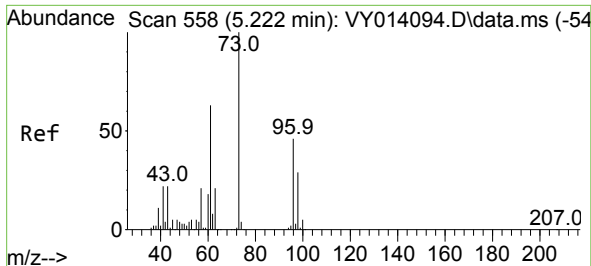
Tgt Ion: 76 Resp: 134853  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.0 10.4



#18  
Methyl Acetate  
Concen: 21.545 ug/l  
RT: 4.473 min Scan# 435  
Delta R.T. -0.005 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

Tgt Ion: 43 Resp: 68998  
Ion Ratio Lower Upper  
43 100  
74 24.7 17.4 26.0

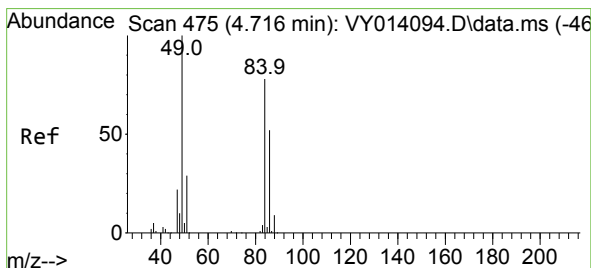
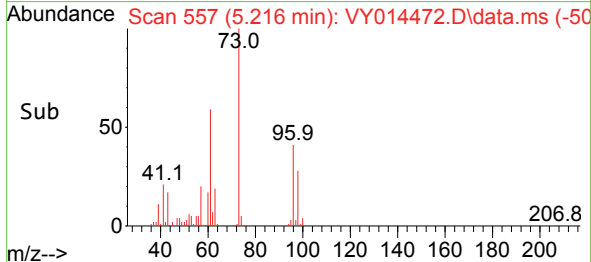
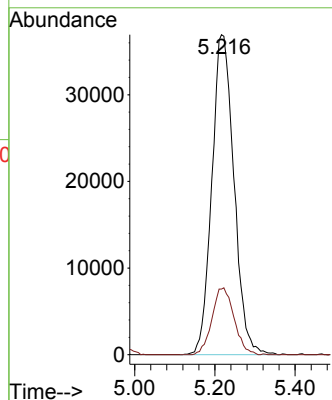
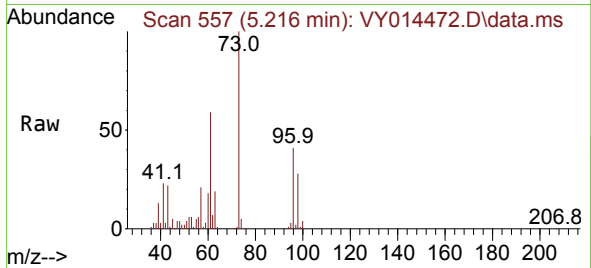




#19  
Methyl tert-butyl Ether  
Concen: 20.905 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

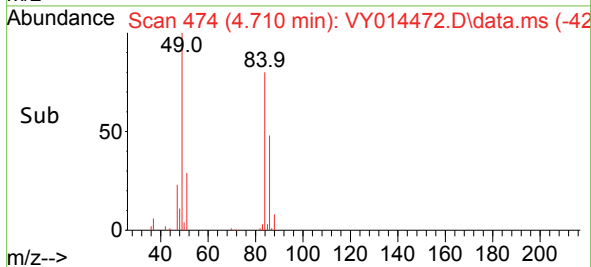
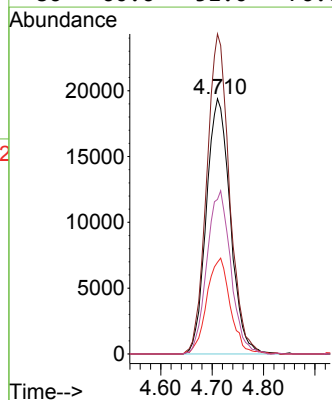
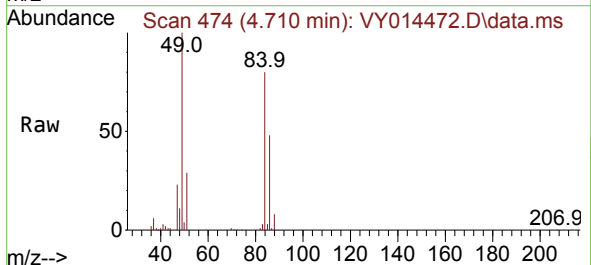
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0628SBS01

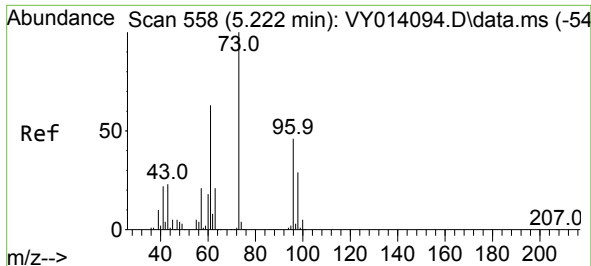
Tgt Ion: 73 Resp: 141238  
Ion Ratio Lower Upper  
73 100  
57 20.5 17.3 25.9



#20  
Methylene Chloride  
Concen: 19.961 ug/l  
RT: 4.710 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

Tgt Ion: 84 Resp: 62682  
Ion Ratio Lower Upper  
84 100  
49 125.4 106.9 160.3  
51 35.9 33.2 49.8  
86 60.6 51.0 76.6

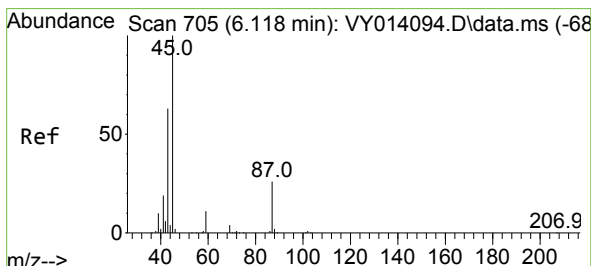
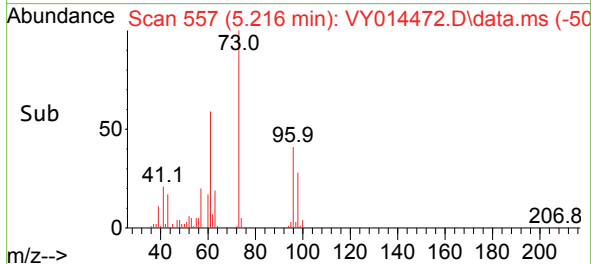
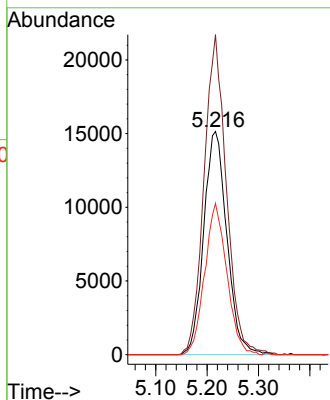
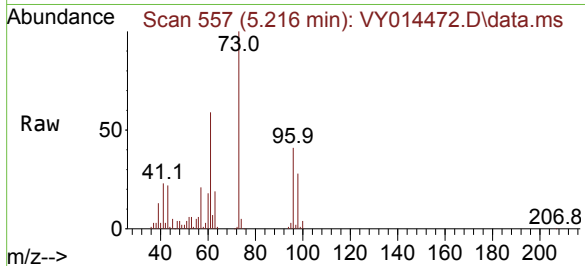




#21  
trans-1,2-Dichloroethene  
Concen: 19.688 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

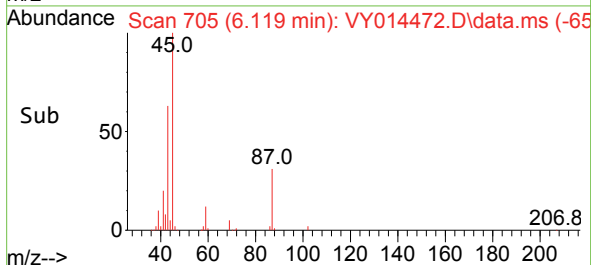
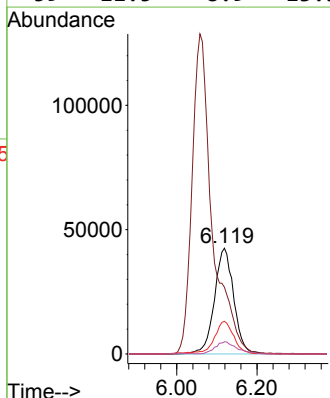
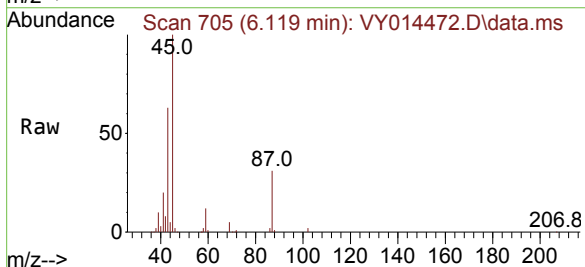
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0628SBS01

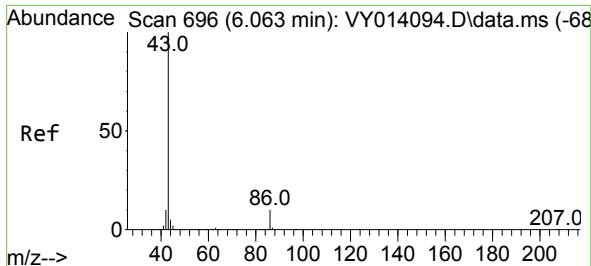
Tgt Ion: 96 Resp: 47553  
Ion Ratio Lower Upper  
96 100  
61 143.4 110.2 165.4  
98 67.8 51.8 77.6



#22  
Diisopropyl ether  
Concen: 20.349 ug/l  
RT: 6.119 min Scan# 705  
Delta R.T. 0.001 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

Tgt Ion: 45 Resp: 141871  
Ion Ratio Lower Upper  
45 100  
43 62.5 52.2 78.4  
87 30.8 21.0 31.6  
59 11.5 8.9 13.3

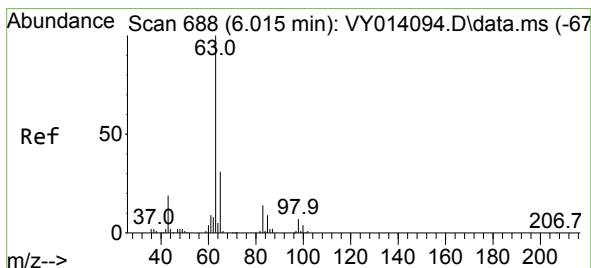
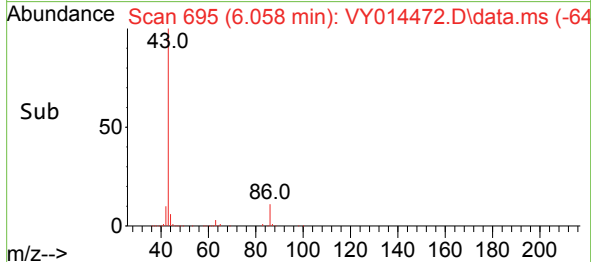
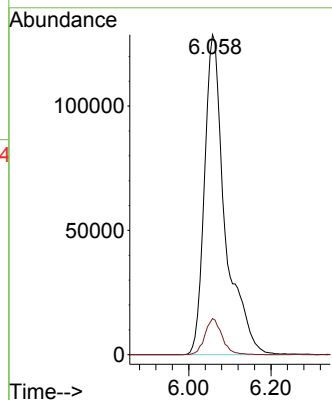
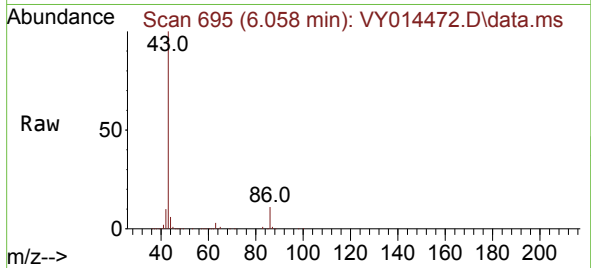




#23  
 Vinyl Acetate  
 Concen: 125.938 ug/l  
 RT: 6.058 min Scan# 695  
 Delta R.T. -0.005 min  
 Lab File: VY014472.D  
 Acq: 28 Jun 2023 11:52

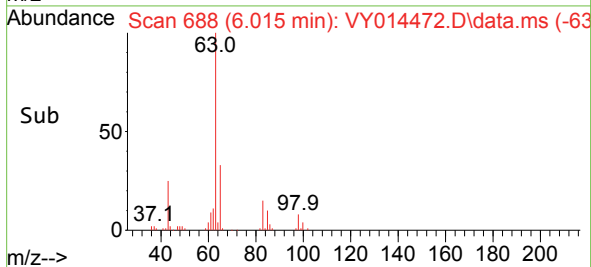
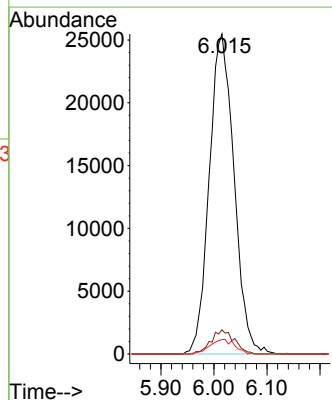
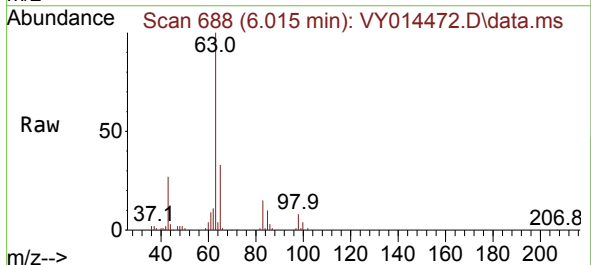
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0628SBS01

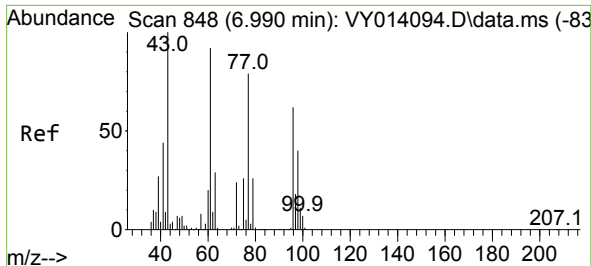
Tgt Ion: 43 Resp: 448278  
 Ion Ratio Lower Upper  
 43 100  
 86 11.3 7.5 11.3#



#24  
 1,1-Dichloroethane  
 Concen: 19.966 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. -0.000 min  
 Lab File: VY014472.D  
 Acq: 28 Jun 2023 11:52

Tgt Ion: 63 Resp: 82658  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.1 9.4  
 100 4.5 1.8 5.5





#25

2-Butanone

Concen: 110.930 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

Instrument :

MSVOA\_Y

ClientSampleId :

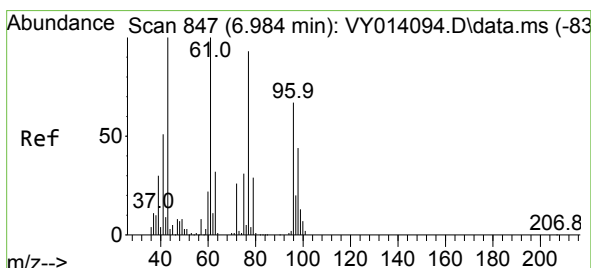
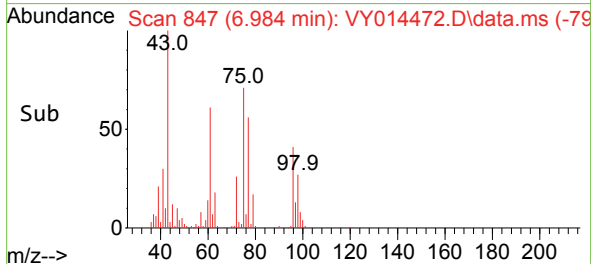
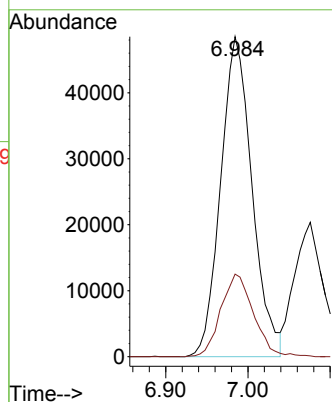
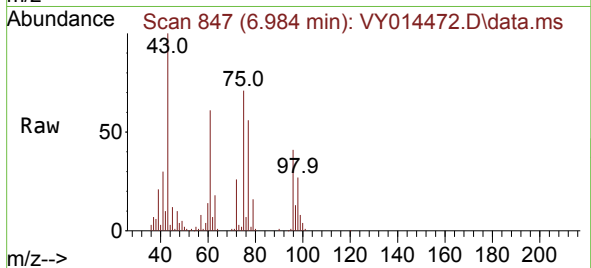
VY0628SBS01

Tgt Ion: 43 Resp: 128707

Ion Ratio Lower Upper

43 100

72 25.8 20.5 30.7



#26

2,2-Dichloropropane

Concen: 19.868 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014472.D

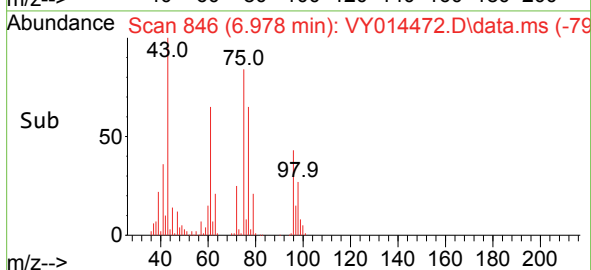
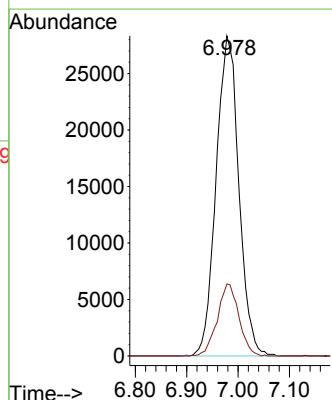
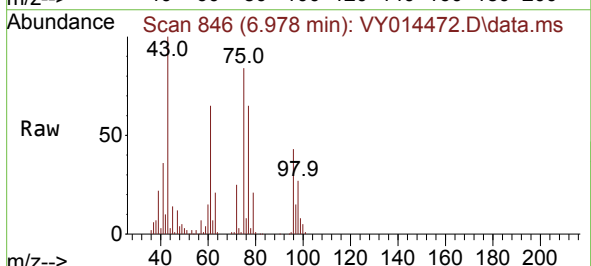
Acq: 28 Jun 2023 11:52

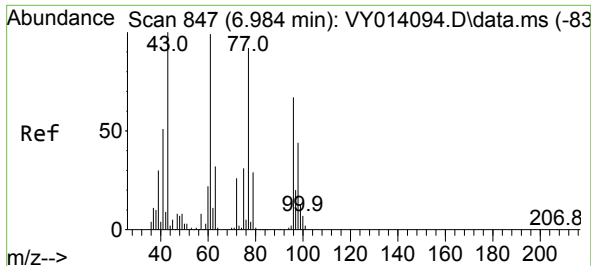
Tgt Ion: 77 Resp: 86971

Ion Ratio Lower Upper

77 100

97 21.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.044 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

Instrument :

MSVOA\_Y

ClientSampleId :

VY0628SBS01

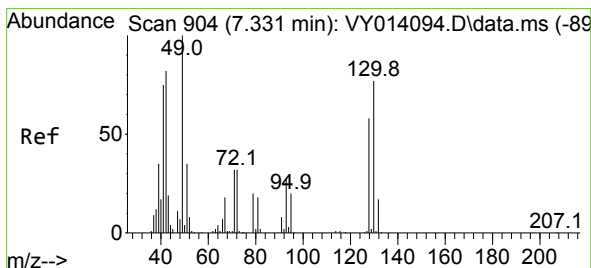
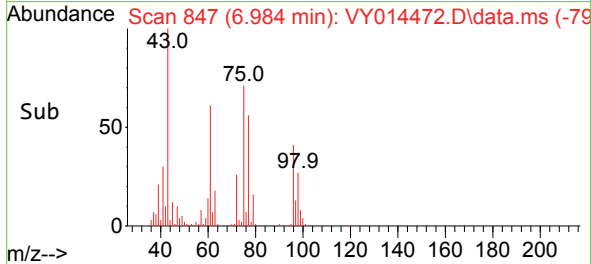
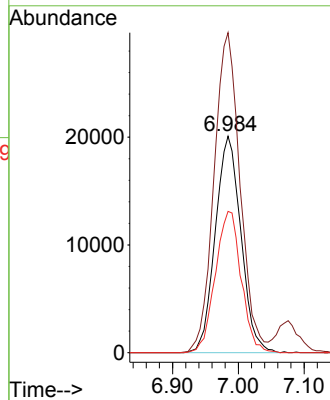
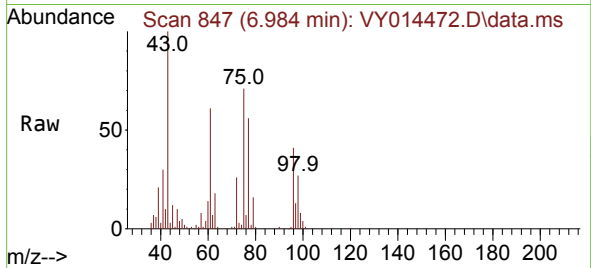
Tgt Ion: 96 Resp: 54497

Ion Ratio Lower Upper

96 100

61 150.5 0.0 301.4

98 65.9 0.0 130.4



#28

Bromochloromethane

Concen: 22.291 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.007 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

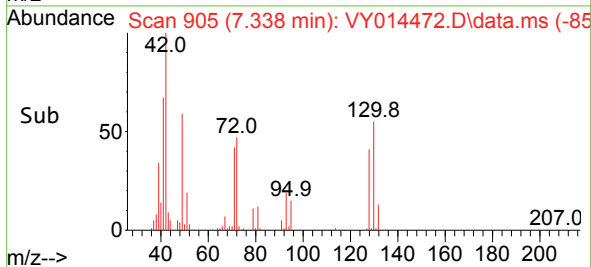
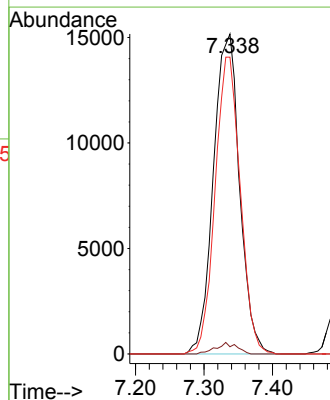
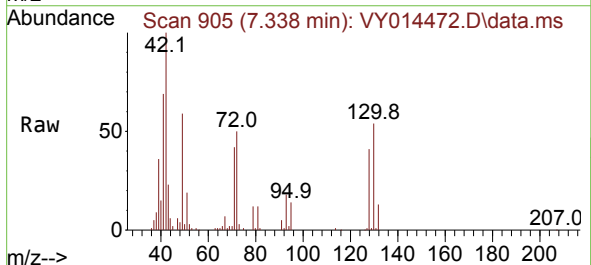
Tgt Ion: 49 Resp: 40247

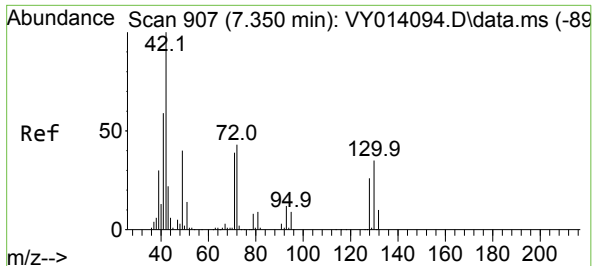
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.6

130 89.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 114.592 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

Instrument :

MSVOA\_Y

ClientSampleId :

VY0628SBS01

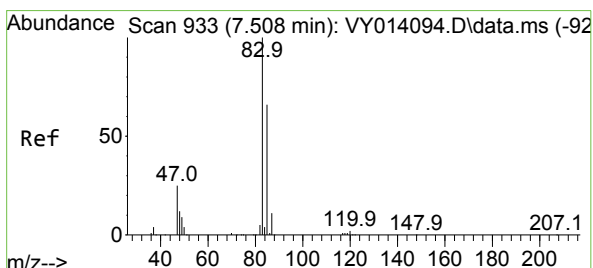
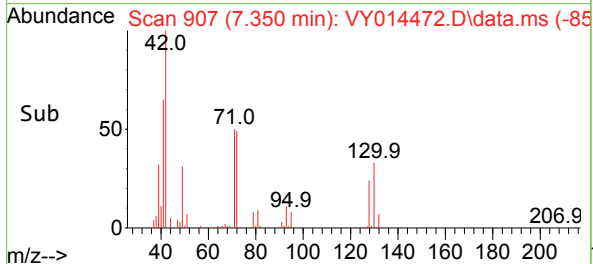
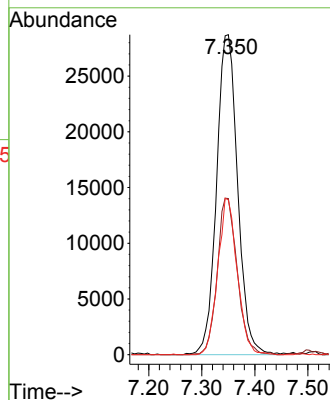
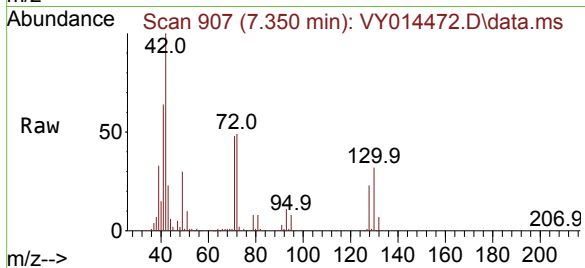
Tgt Ion: 42 Resp: 79279

Ion Ratio Lower Upper

42 100

72 46.5 32.8 49.2

71 45.0 31.0 46.4



#30

Chloroform

Concen: 20.521 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.001 min

Lab File: VY014472.D

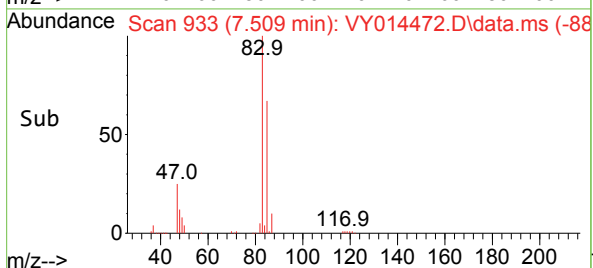
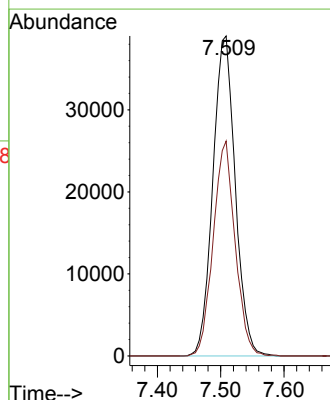
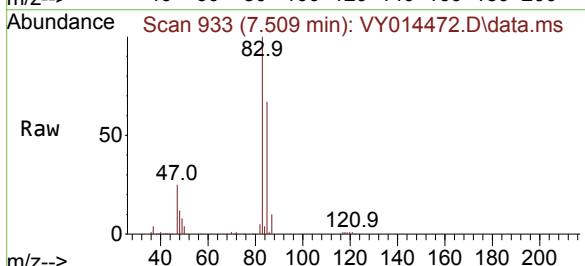
Acq: 28 Jun 2023 11:52

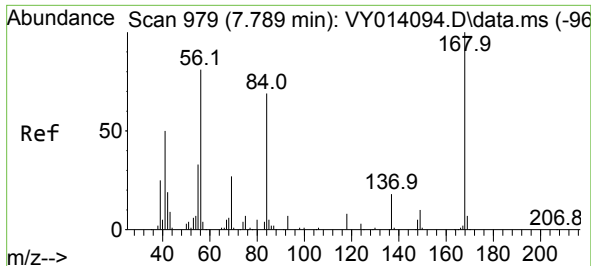
Tgt Ion: 83 Resp: 95836

Ion Ratio Lower Upper

83 100

85 67.1 49.7 74.5

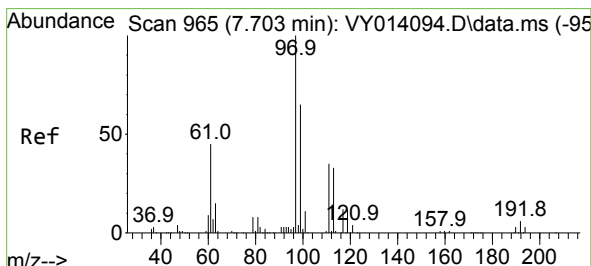
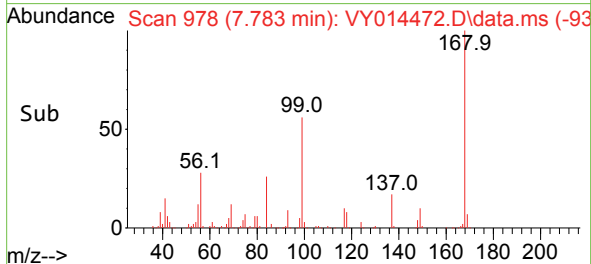
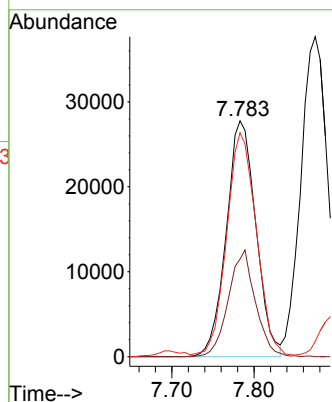
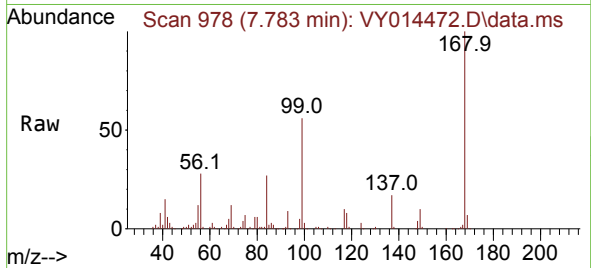




#31  
Cyclohexane  
Concen: 19.062 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

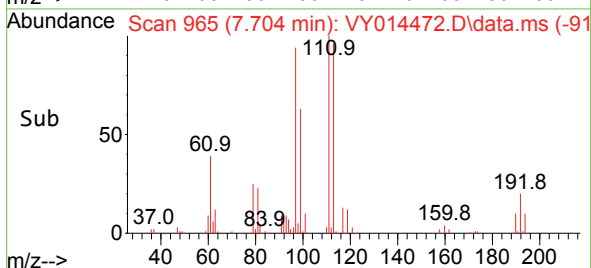
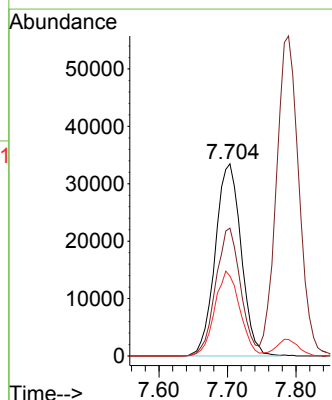
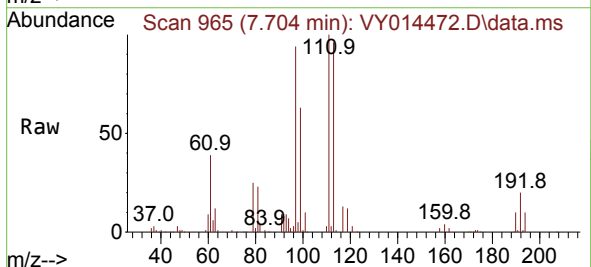
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0628SBS01

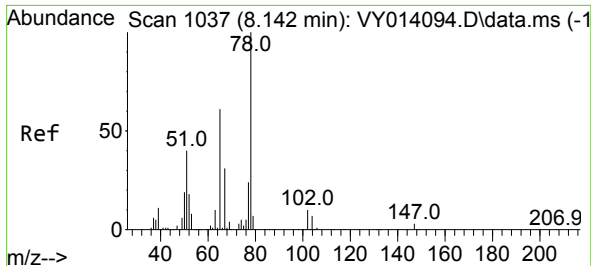
Tgt Ion: 56 Resp: 69704  
Ion Ratio Lower Upper  
56 100  
69 41.4 27.8 41.6  
84 93.5 66.4 99.6



#32  
1,1,1-Trichloroethane  
Concen: 19.769 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. 0.001 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

Tgt Ion: 97 Resp: 87877  
Ion Ratio Lower Upper  
97 100  
99 64.2 50.8 76.2  
61 42.9 35.1 52.7

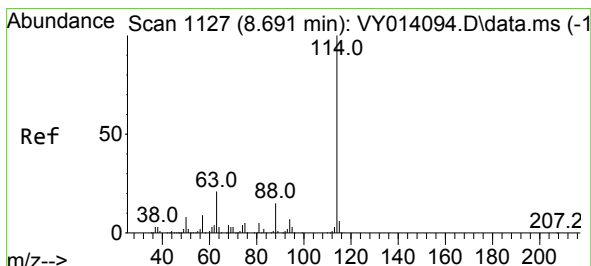
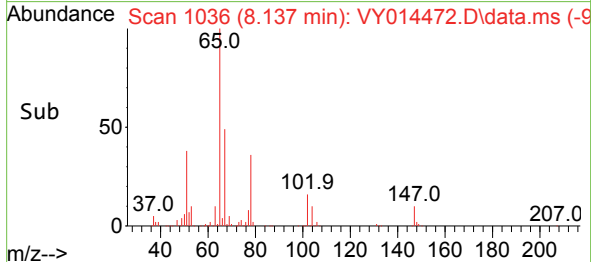
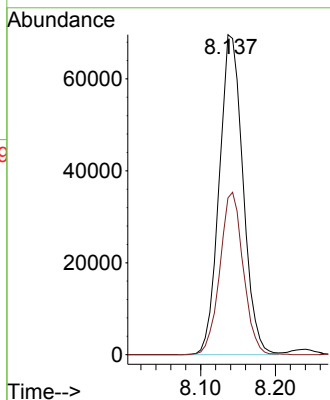
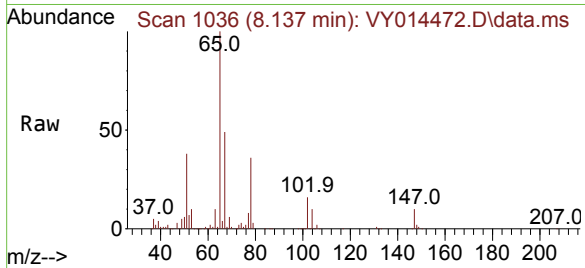




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.955 ug/l  
 RT: 8.137 min Scan# 1036  
 Delta R.T. -0.005 min  
 Lab File: VY014472.D  
 Acq: 28 Jun 2023 11:52

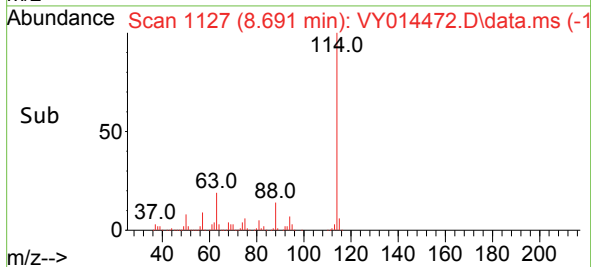
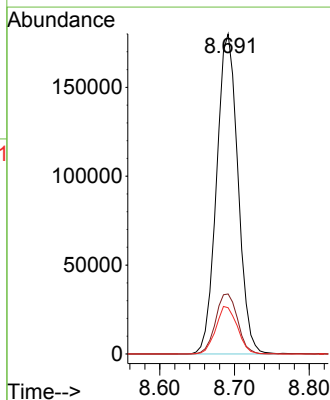
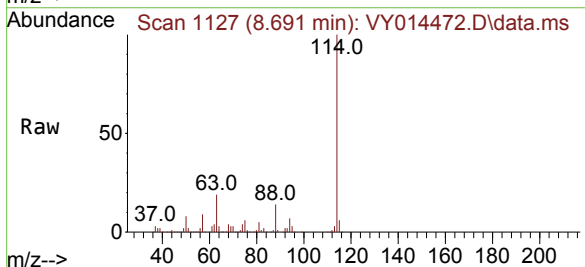
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0628SBS01

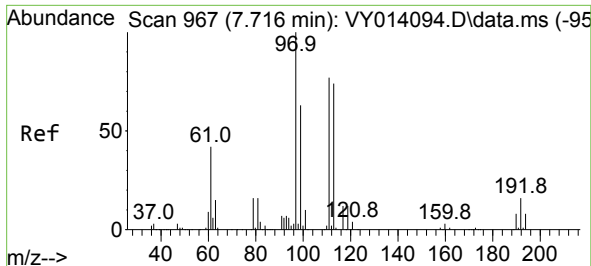
Tgt Ion: 65 Resp: 153809  
 Ion Ratio Lower Upper  
 65 100  
 67 49.9 0.0 101.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.691 min Scan# 1127  
 Delta R.T. 0.000 min  
 Lab File: VY014472.D  
 Acq: 28 Jun 2023 11:52

Tgt Ion: 114 Resp: 357672  
 Ion Ratio Lower Upper  
 114 100  
 63 18.7 0.0 42.4  
 88 14.5 0.0 30.6

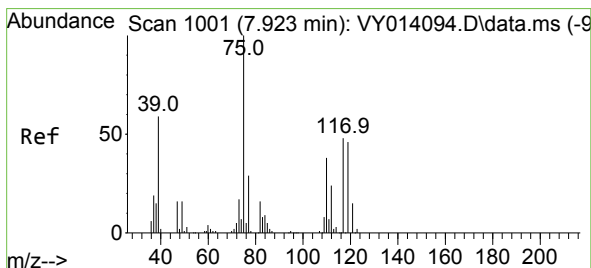
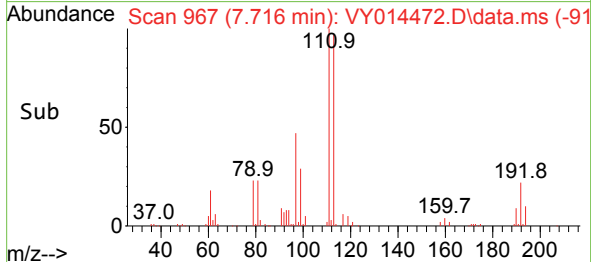
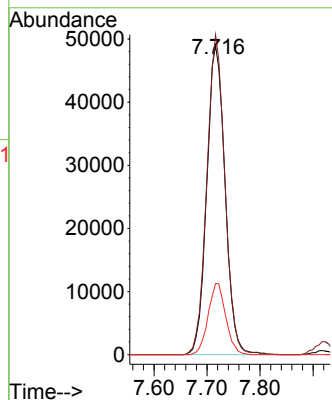
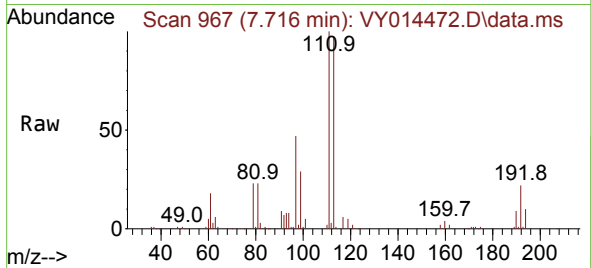




#35  
Dibromofluoromethane  
Concen: 53.113 ug/l  
RT: 7.716 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

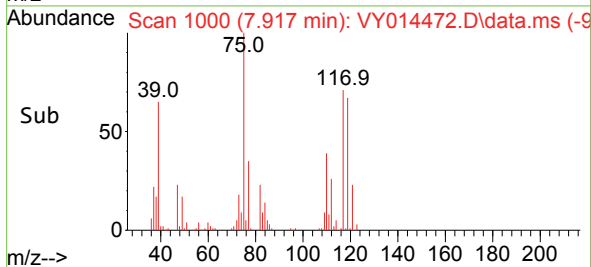
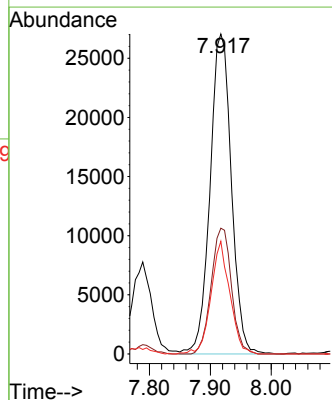
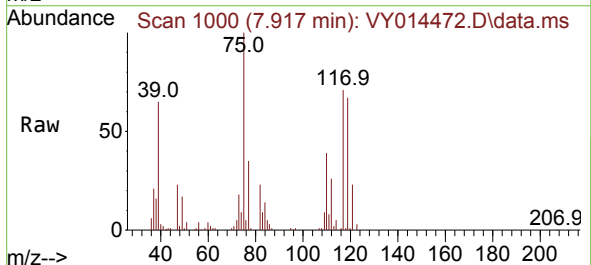
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0628SBS01

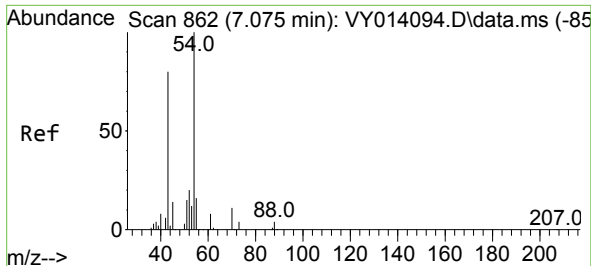
Tgt Ion:113 Resp: 117367  
Ion Ratio Lower Upper  
113 100  
111 102.4 81.3 121.9  
192 22.2 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 19.328 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. -0.006 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

Tgt Ion: 75 Resp: 65816  
Ion Ratio Lower Upper  
75 100  
110 37.4 17.8 53.5  
77 31.2 24.4 36.6

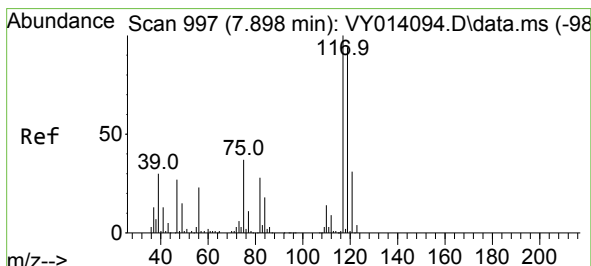
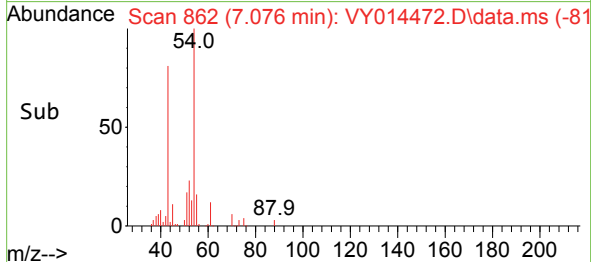
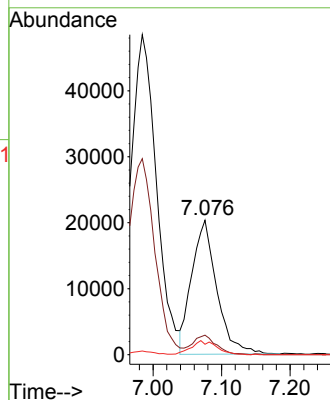
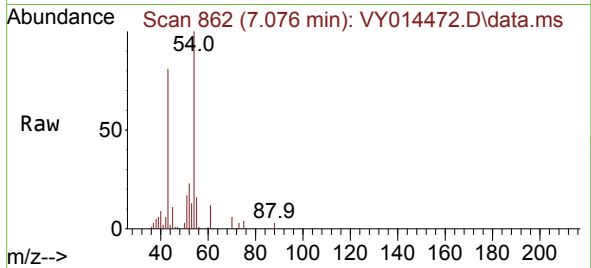




#37  
Ethyl Acetate  
Concen: 21.971 ug/l  
RT: 7.076 min Scan# 80  
Delta R.T. 0.001 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

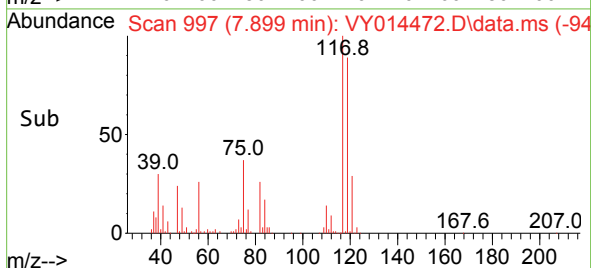
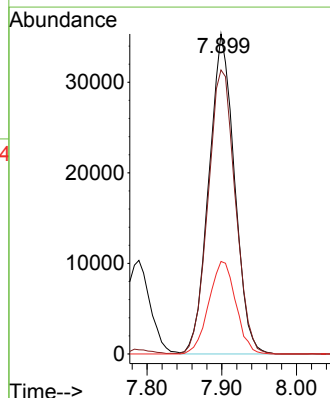
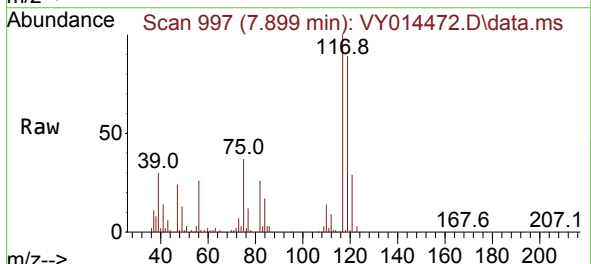
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0628SBS01

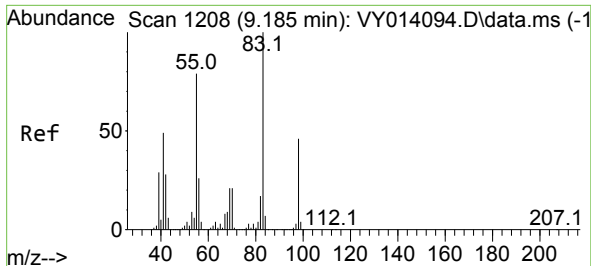
Tgt Ion: 43 Resp: 51561  
Ion Ratio Lower Upper  
43 100  
61 13.6 10.1 15.1  
70 10.5 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 19.610 ug/l  
RT: 7.899 min Scan# 997  
Delta R.T. 0.001 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

Tgt Ion: 117 Resp: 84032  
Ion Ratio Lower Upper  
117 100  
119 88.7 76.4 114.6  
121 28.9 25.8 38.6

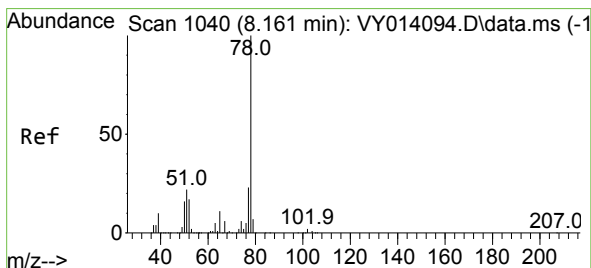
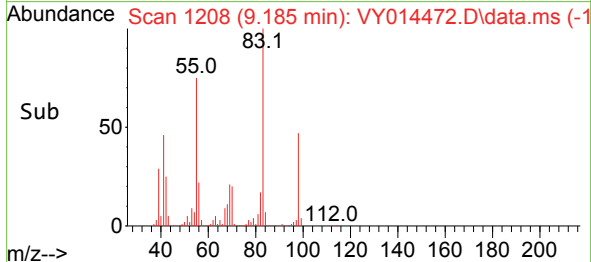
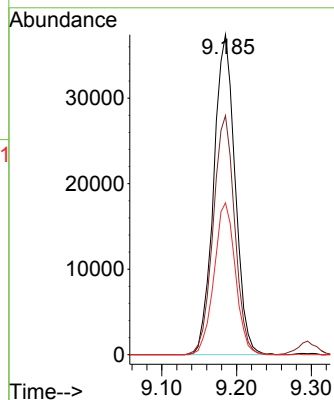
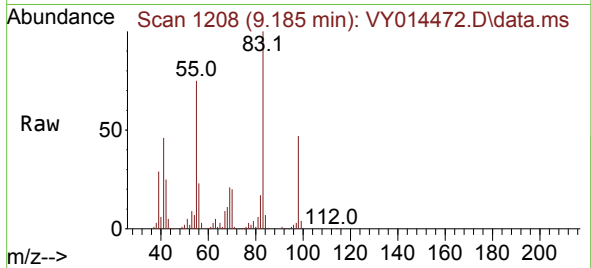




#39  
Methylcyclohexane  
Concen: 18.979 ug/l  
RT: 9.185 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

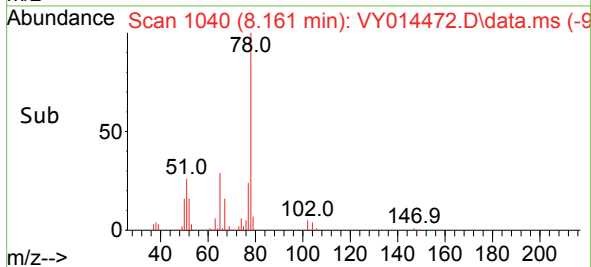
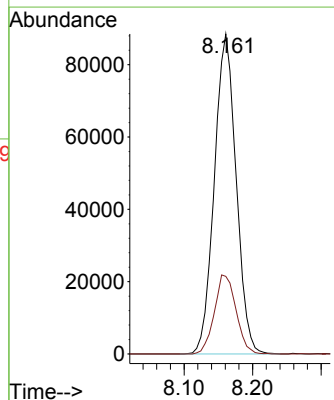
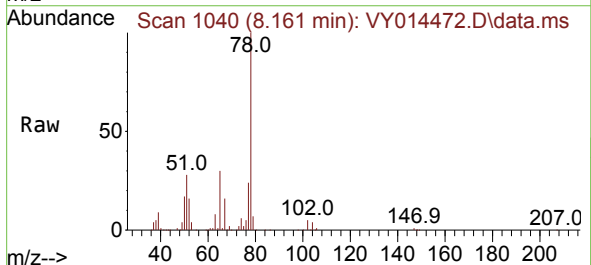
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0628SBS01

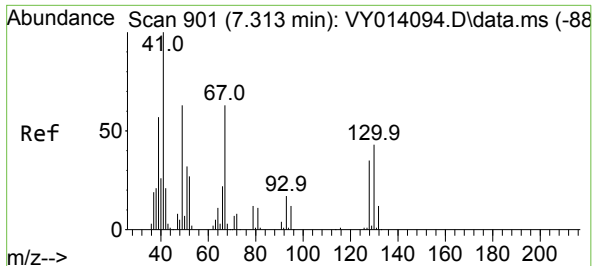
Tgt Ion: 83 Resp: 74354  
Ion Ratio Lower Upper  
83 100  
55 74.7 63.0 94.4  
98 47.4 37.4 56.2



#40  
Benzene  
Concen: 20.245 ug/l  
RT: 8.161 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

Tgt Ion: 78 Resp: 195258  
Ion Ratio Lower Upper  
78 100  
77 24.3 19.0 28.6

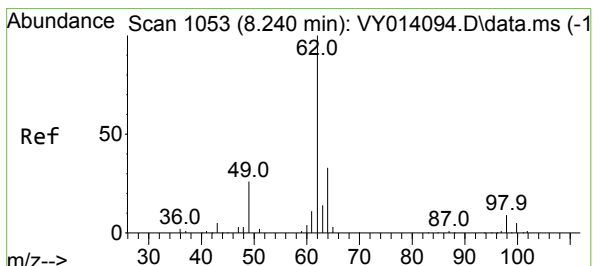
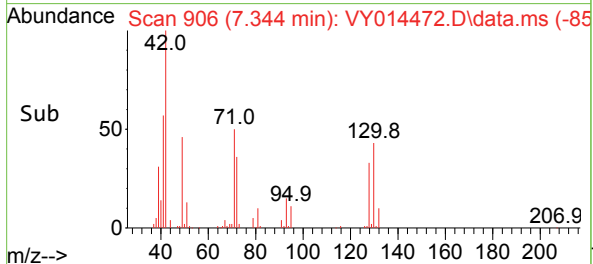
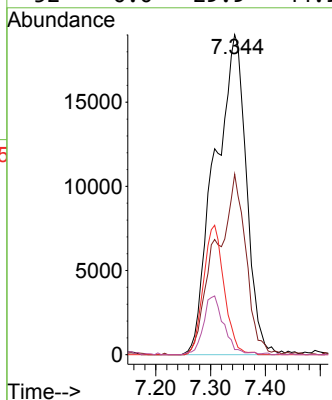
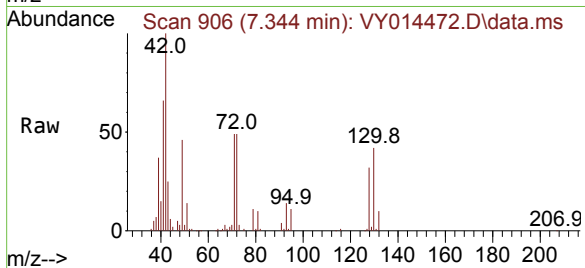




#41  
Methacrylonitrile  
Concen: 65.474 ug/l  
RT: 7.344 min Scan# 901  
Delta R.T. 0.031 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

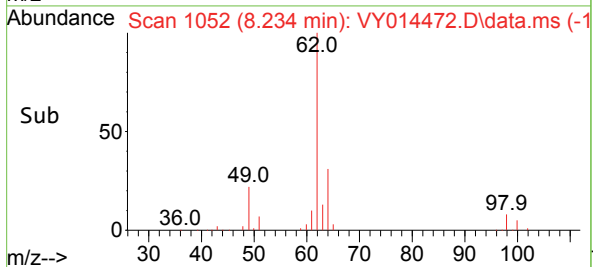
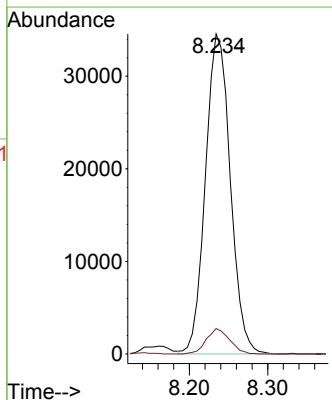
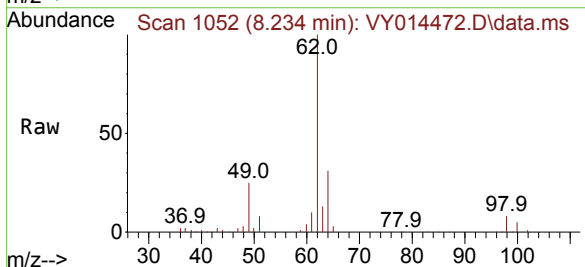
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0628SBS01

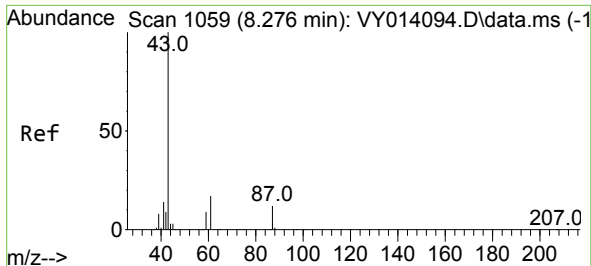
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 76149 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 34.4  | 52.1  | 78.1# |
| 67        | 0.0   | 66.2  | 99.2# |
| 52        | 0.0   | 29.9  | 44.9# |



#42  
1,2-Dichloroethane  
Concen: 20.863 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. -0.006 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 62    | Resp: | 76291 |
| Ion Ratio | Lower | Upper |       |
| 62        | 100   |       |       |
| 98        | 7.4   | 0.0   | 15.8  |

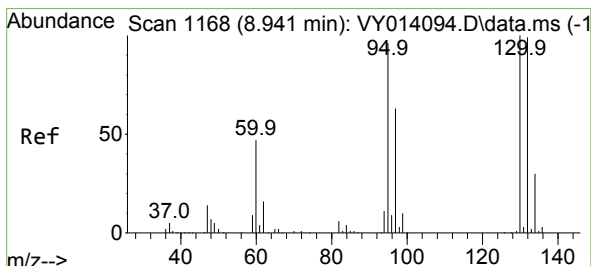
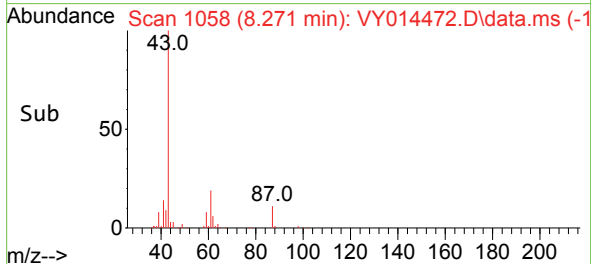
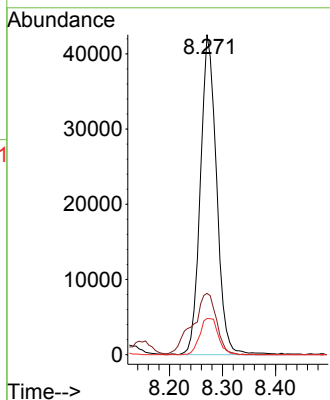
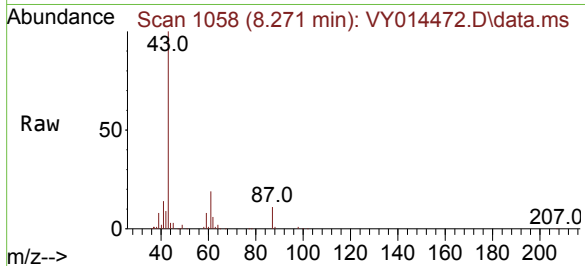




#43  
Isopropyl Acetate  
Concen: 21.738 ug/l  
RT: 8.271 min Scan# 1105  
Delta R.T. -0.005 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

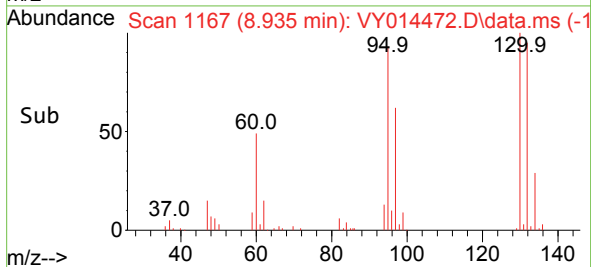
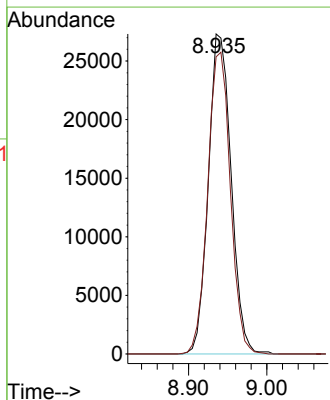
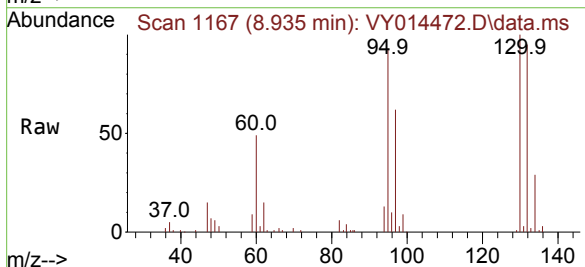
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0628SBS01

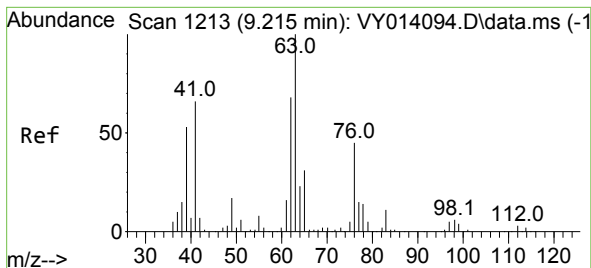
Tgt Ion: 43 Resp: 90080  
Ion Ratio Lower Upper  
43 100  
61 28.4 21.1 31.7  
87 13.0 9.8 14.8



#44  
Trichloroethene  
Concen: 19.943 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. -0.006 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

Tgt Ion: 130 Resp: 55223  
Ion Ratio Lower Upper  
130 100  
95 92.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.715 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

Instrument :

MSVOA\_Y

ClientSampleId :

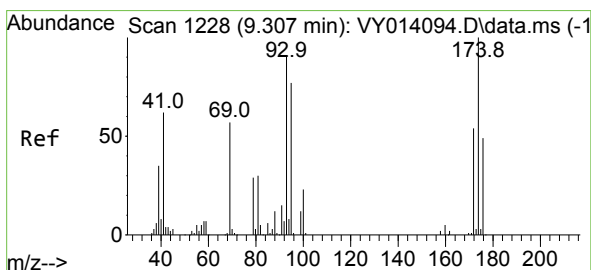
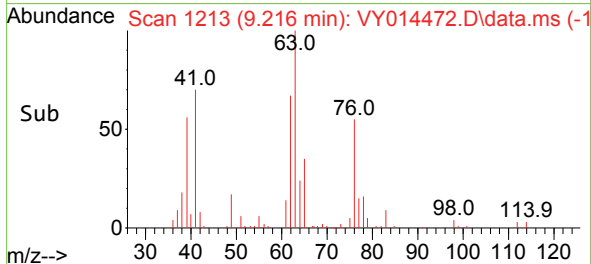
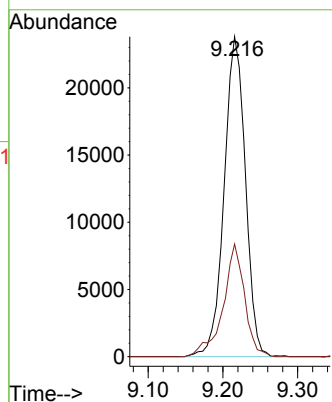
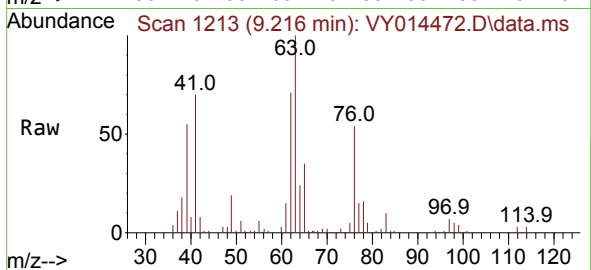
VY0628SBS01

Tgt Ion: 63 Resp: 47108

Ion Ratio Lower Upper

63 100

65 35.2 23.8 35.6



#46

Dibromomethane

Concen: 21.466 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

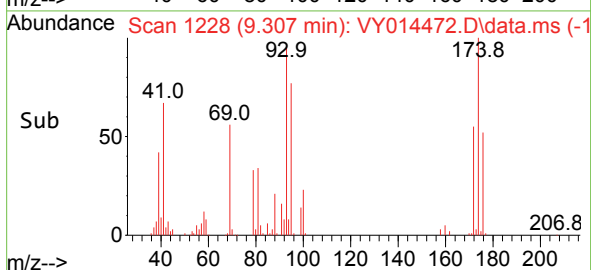
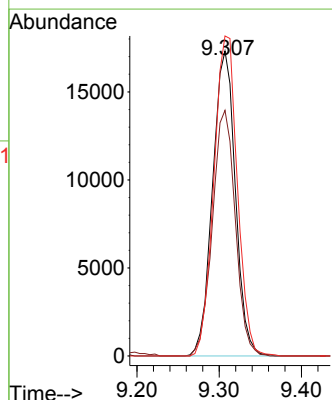
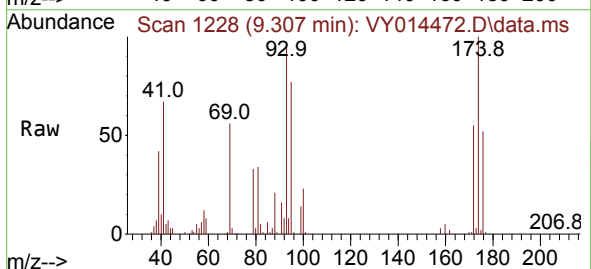
Tgt Ion: 93 Resp: 33359

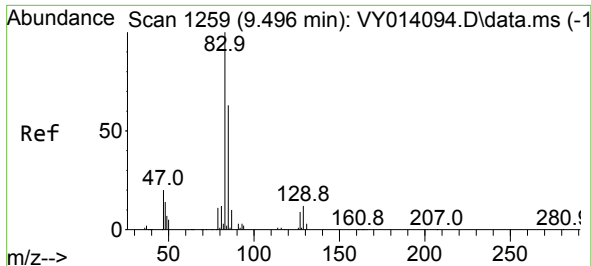
Ion Ratio Lower Upper

93 100

95 80.9 66.6 100.0

174 108.3 84.8 127.2

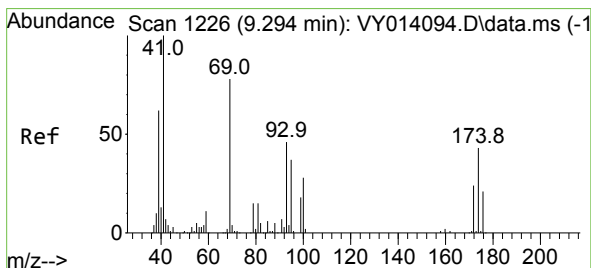
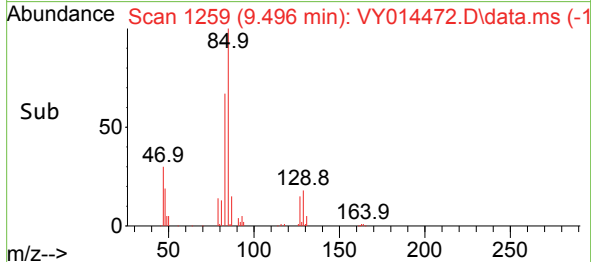
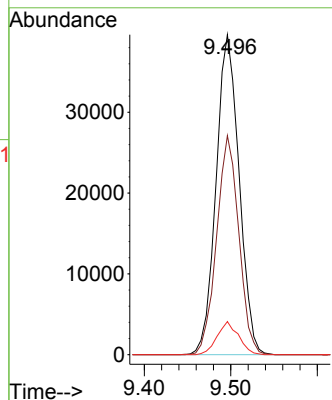
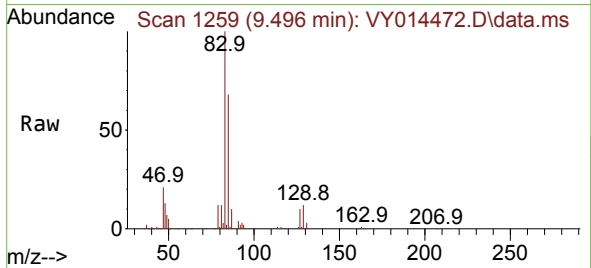




#47  
Bromodichloromethane  
Concen: 20.188 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. 0.000 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

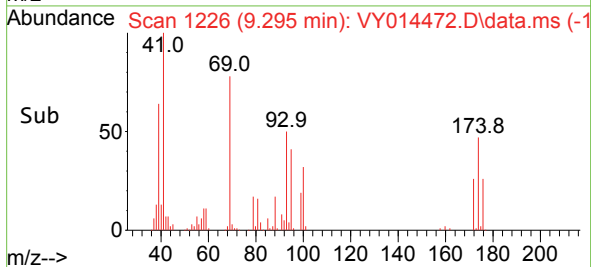
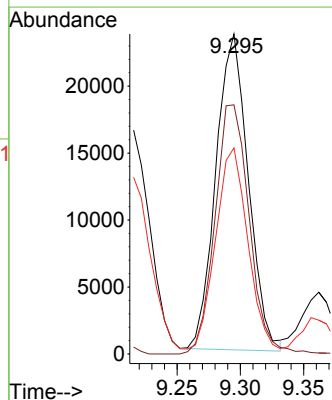
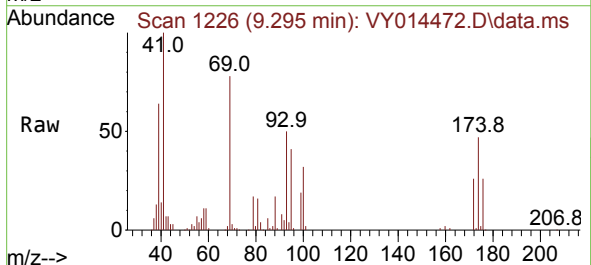
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0628SBS01

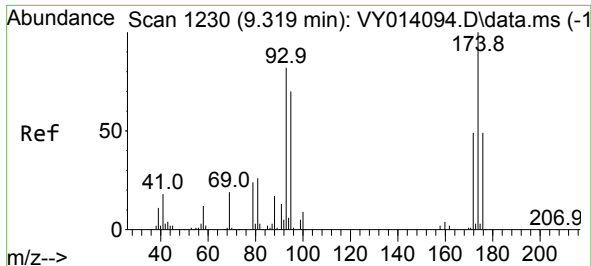
Tgt Ion: 83 Resp: 73123  
Ion Ratio Lower Upper  
83 100  
85 68.4 50.1 75.1  
127 10.4 7.1 10.7



#48  
Methyl methacrylate  
Concen: 21.823 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.001 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

Tgt Ion: 41 Resp: 42000  
Ion Ratio Lower Upper  
41 100  
69 83.4 64.5 96.7  
39 65.5 50.8 76.2





#49

1,4-Dioxane

Concen: 463.435 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

Instrument :

MSVOA\_Y

ClientSampleId :

VY0628SBS01

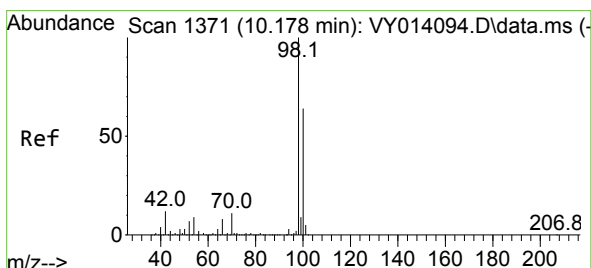
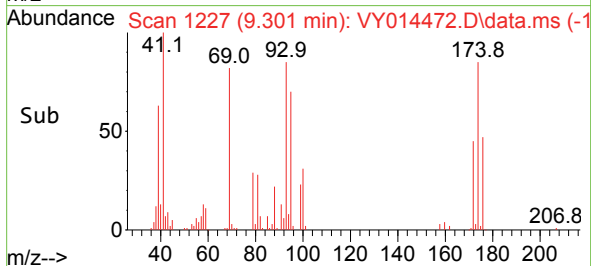
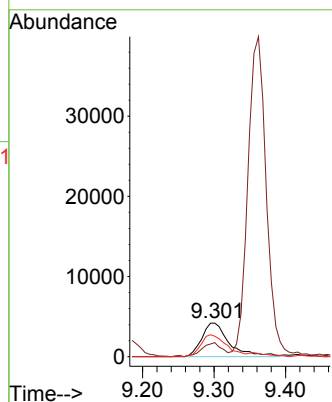
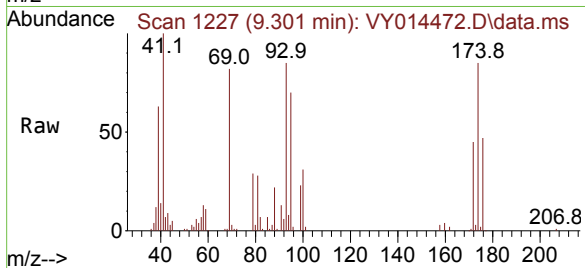
Tgt Ion: 88 Resp: 11261

Ion Ratio Lower Upper

88 100

43 30.0 0.0 0.0#

58 60.4 30.9 46.3#



#50

Toluene-d8

Concen: 51.070 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014472.D

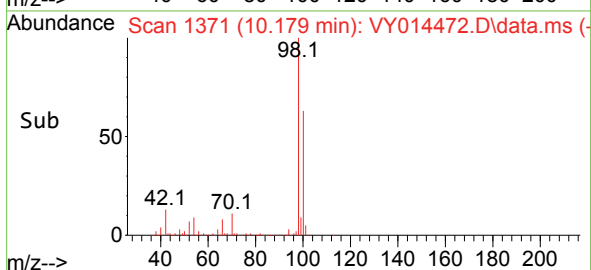
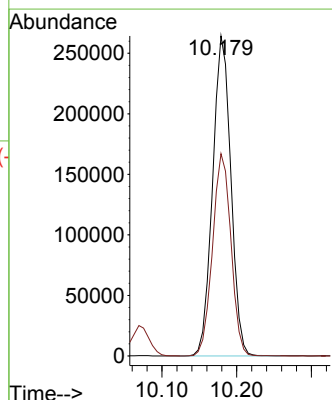
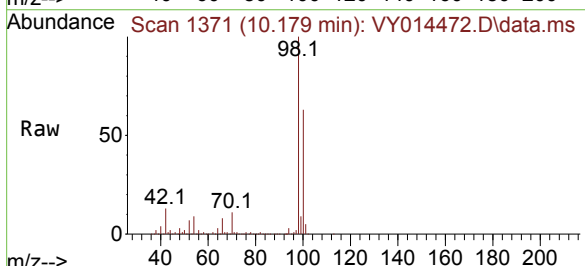
Acq: 28 Jun 2023 11:52

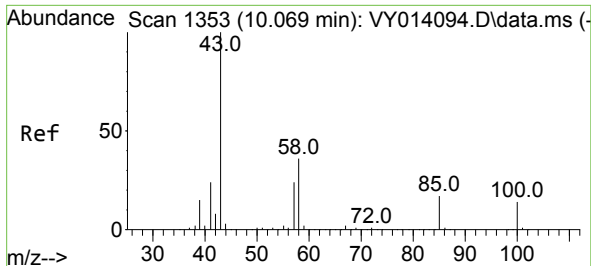
Tgt Ion: 98 Resp: 448606

Ion Ratio Lower Upper

98 100

100 63.7 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 113.136 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

Instrument :

MSVOA\_Y

ClientSampleId :

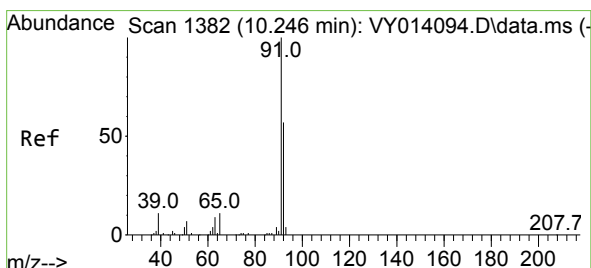
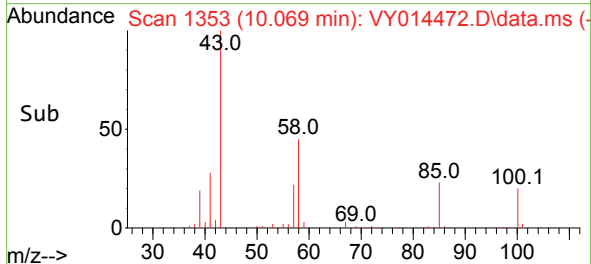
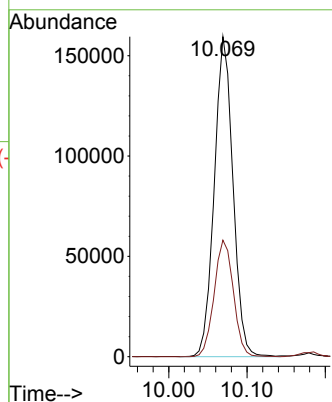
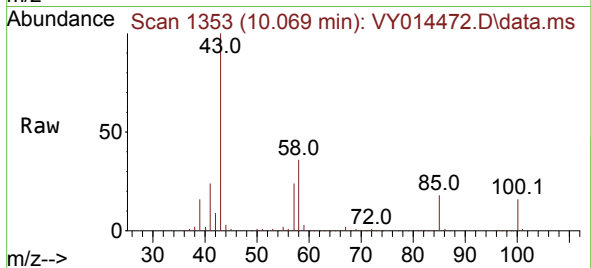
VY0628SBS01

Tgt Ion: 43 Resp: 264598

Ion Ratio Lower Upper

43 100

58 37.4 29.0 43.6



#52

Toluene

Concen: 20.539 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY014472.D

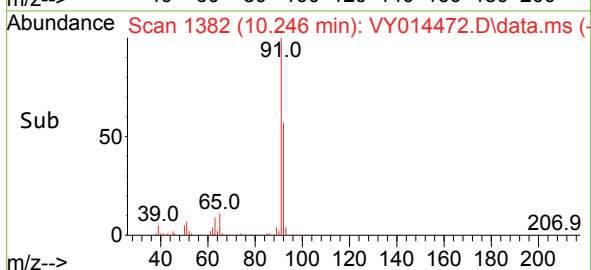
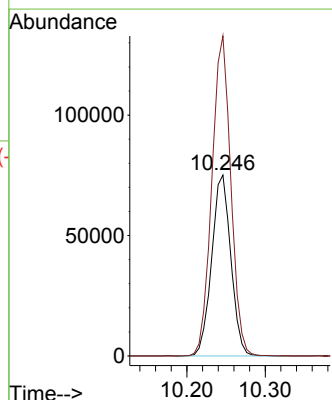
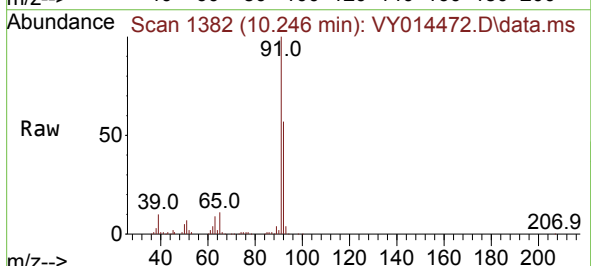
Acq: 28 Jun 2023 11:52

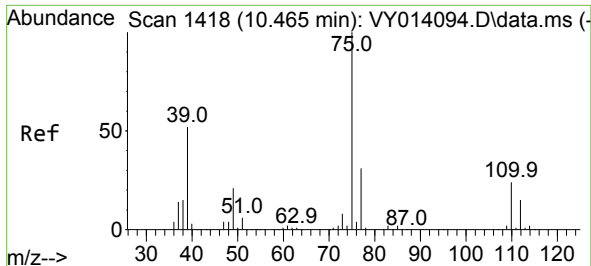
Tgt Ion: 92 Resp: 127459

Ion Ratio Lower Upper

92 100

91 175.3 143.8 215.6

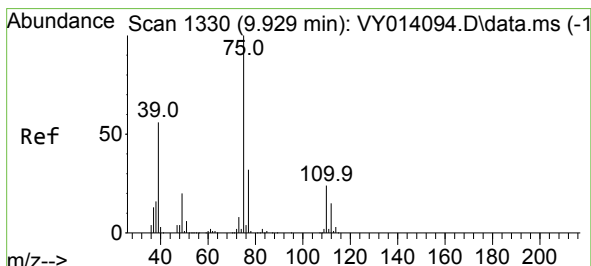
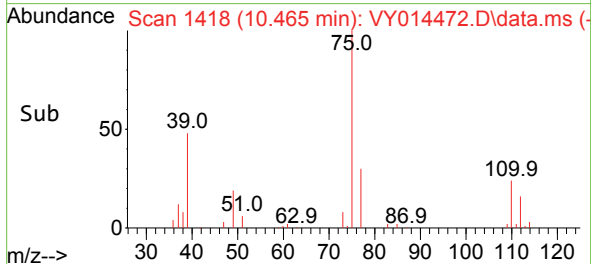
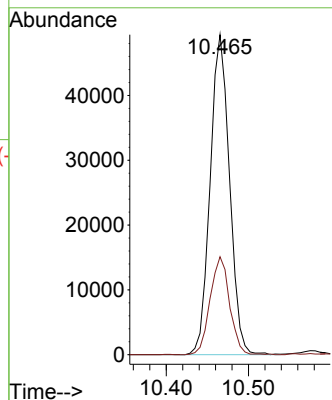
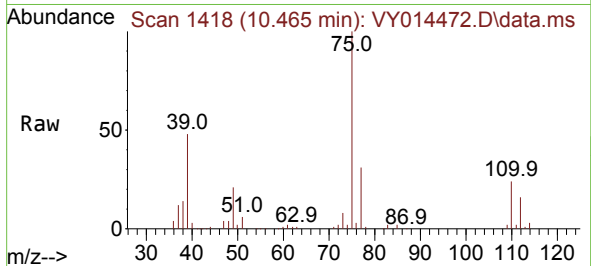




#53  
t-1,3-Dichloropropene  
Concen: 20.555 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

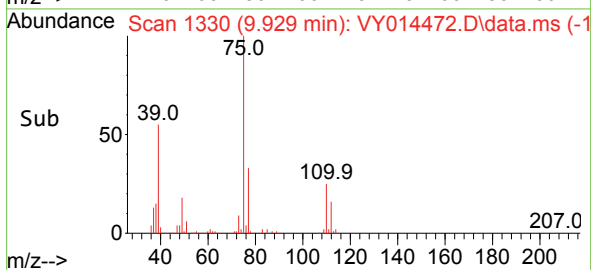
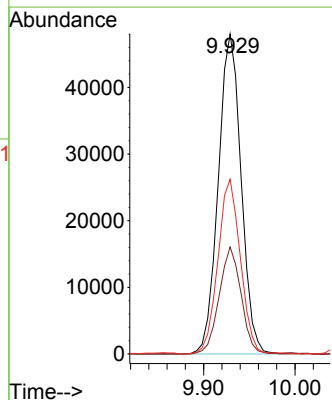
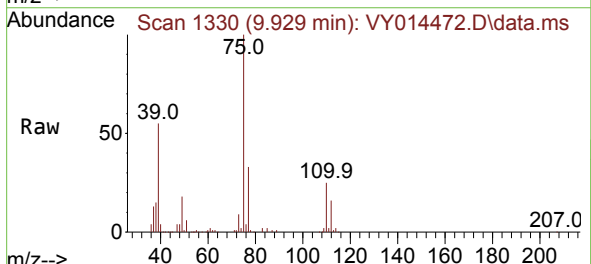
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0628SBS01

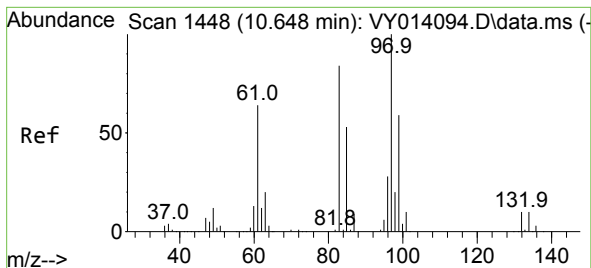
Tgt Ion: 75 Resp: 80719  
Ion Ratio Lower Upper  
75 100  
77 30.6 25.0 37.4



#54  
cis-1,3-Dichloropropene  
Concen: 20.589 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

Tgt Ion: 75 Resp: 83398  
Ion Ratio Lower Upper  
75 100  
77 33.4 24.2 36.4  
39 54.6 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 21.589 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

Instrument :

MSVOA\_Y

ClientSampleId :

VY0628SBS01

Tgt Ion: 97 Resp: 44926

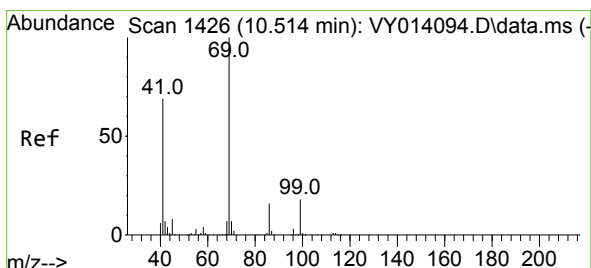
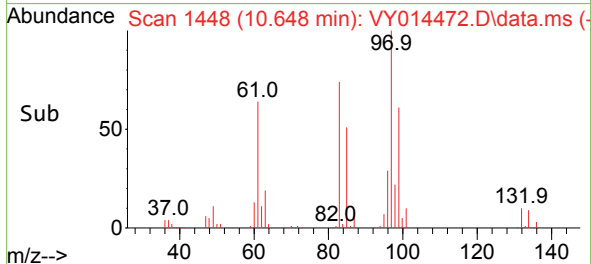
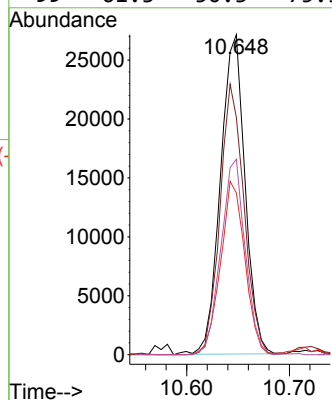
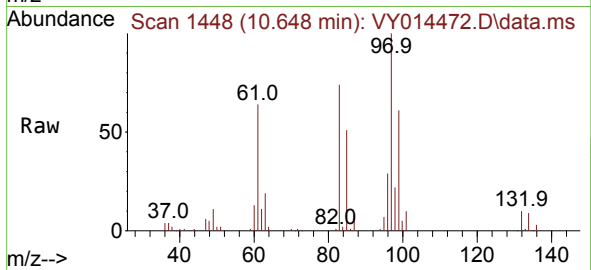
Ion Ratio Lower Upper

97 100

83 74.3 72.0 108.0

85 50.7 45.4 68.0

99 61.3 50.3 75.5



#56

Ethyl methacrylate

Concen: 21.297 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

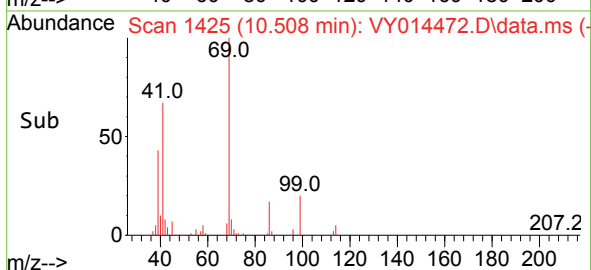
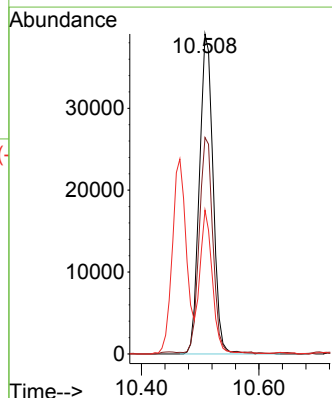
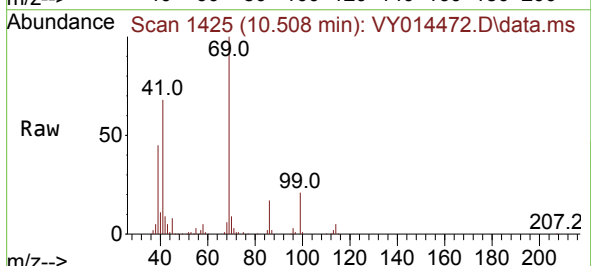
Tgt Ion: 69 Resp: 63292

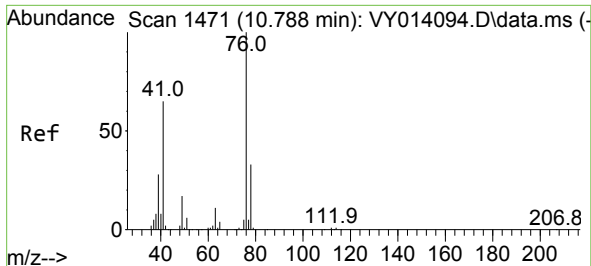
Ion Ratio Lower Upper

69 100

41 66.2 57.6 86.4

39 40.3 34.1 51.1





#57

1,3-Dichloropropane

Concen: 20.816 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

Instrument :

MSVOA\_Y

ClientSampleId :

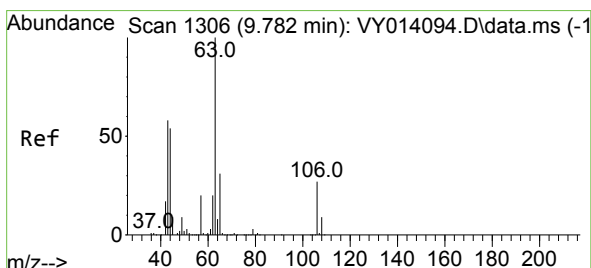
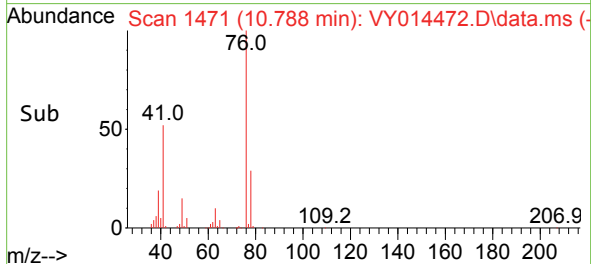
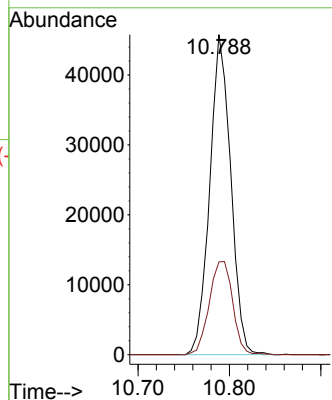
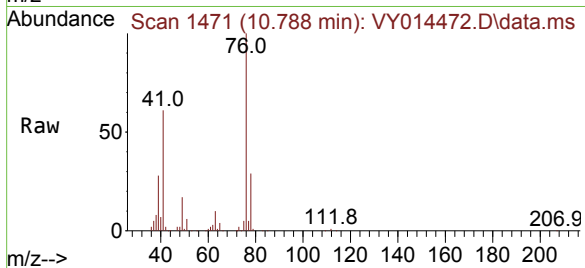
VY0628SBS01

Tgt Ion: 76 Resp: 72859

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 112.731 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014472.D

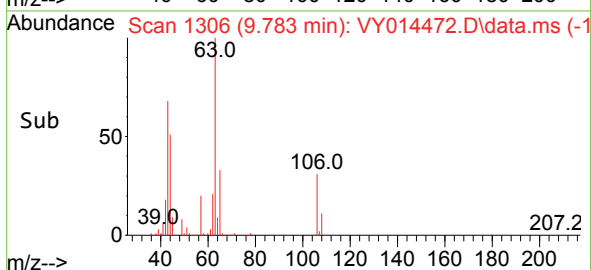
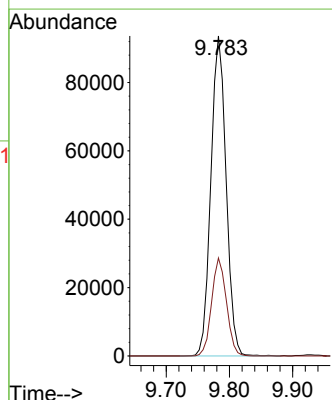
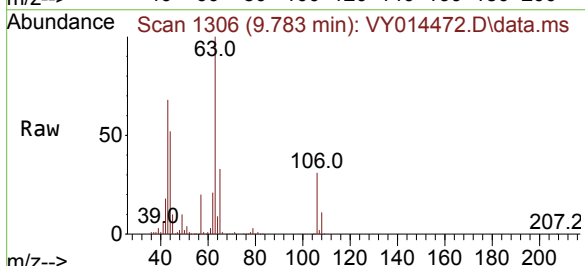
Acq: 28 Jun 2023 11:52

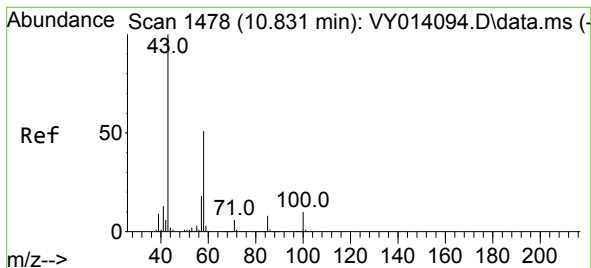
Tgt Ion: 63 Resp: 156933

Ion Ratio Lower Upper

63 100

106 29.6 21.2 31.8

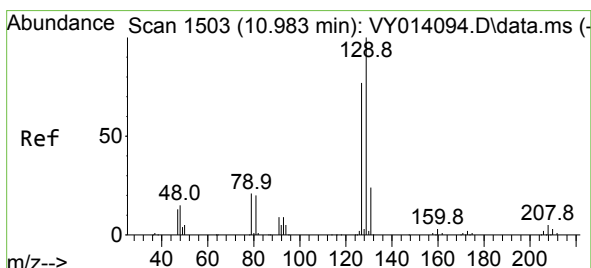
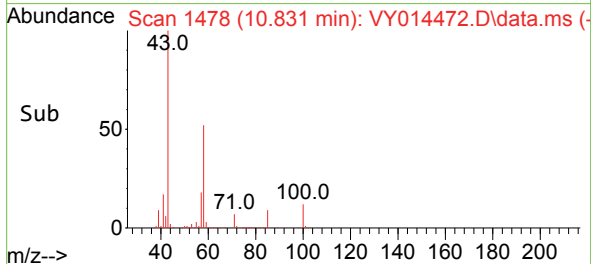
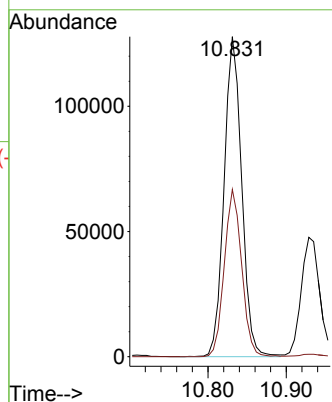
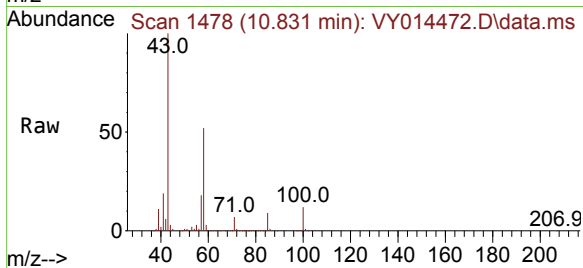




#59  
2-Hexanone  
Concen: 113.443 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

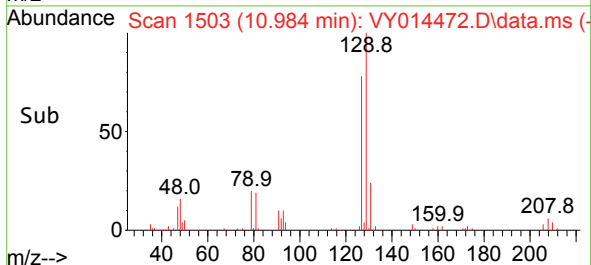
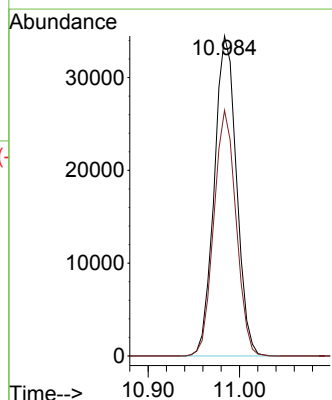
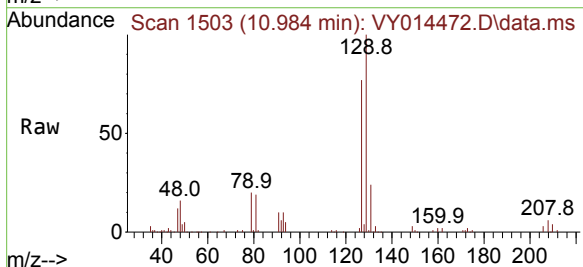
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0628SBS01

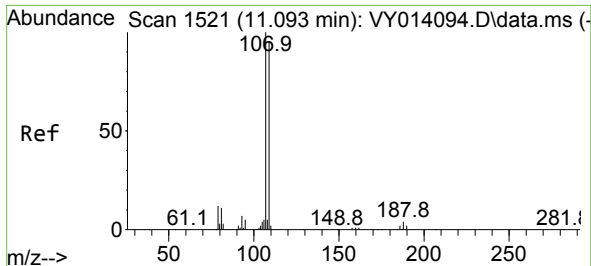
Tgt Ion: 43 Resp: 199925  
Ion Ratio Lower Upper  
43 100  
58 51.6 25.1 75.3



#60  
Dibromochloromethane  
Concen: 21.084 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. 0.001 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

Tgt Ion: 129 Resp: 58203  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.5 115.5

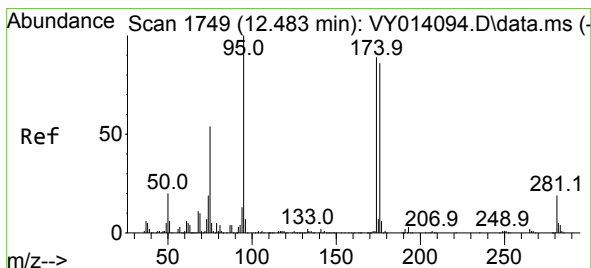
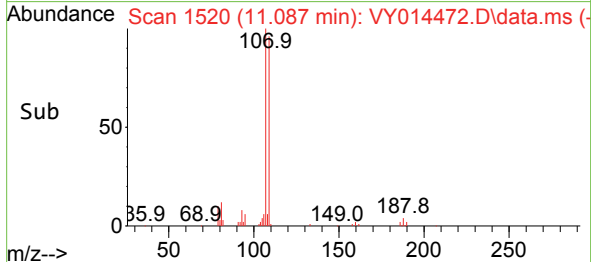
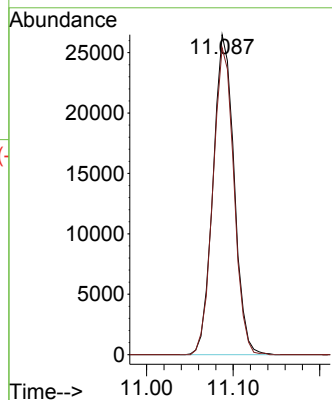
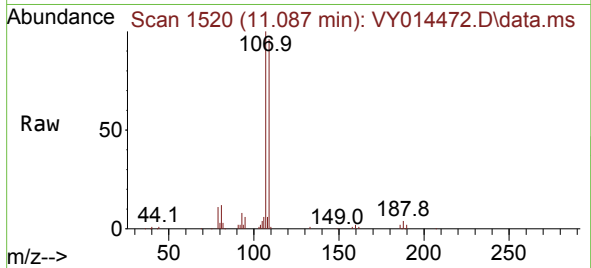




#61  
1,2-Dibromoethane  
Concen: 21.569 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. -0.006 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

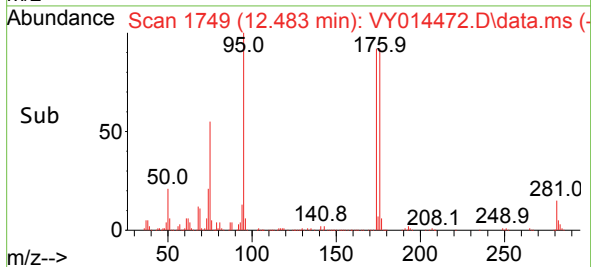
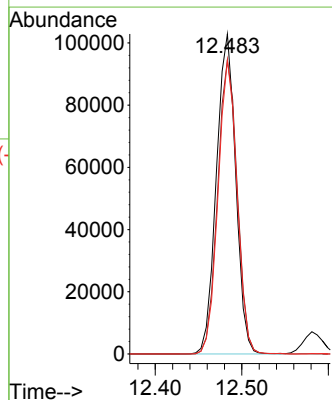
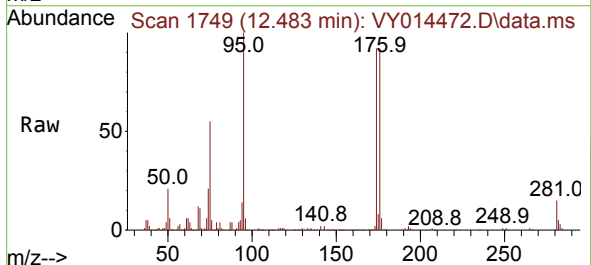
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0628SBS01

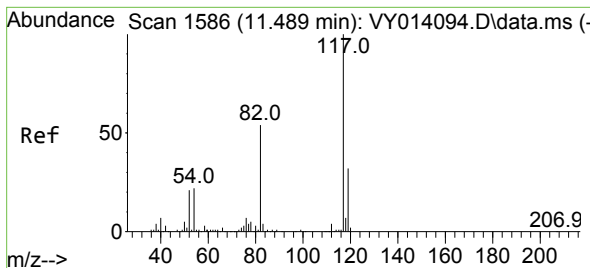
Tgt Ion:107 Resp: 44690  
Ion Ratio Lower Upper  
107 100  
109 95.7 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 50.787 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

Tgt Ion: 95 Resp: 159266  
Ion Ratio Lower Upper  
95 100  
174 93.5 0.0 178.2  
176 90.2 0.0 173.8

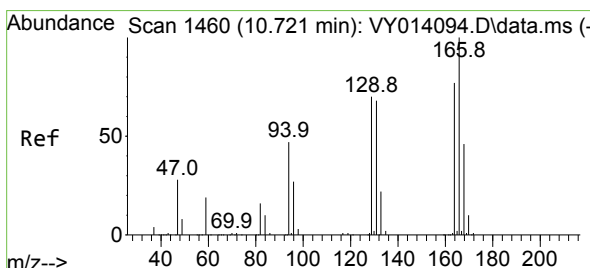
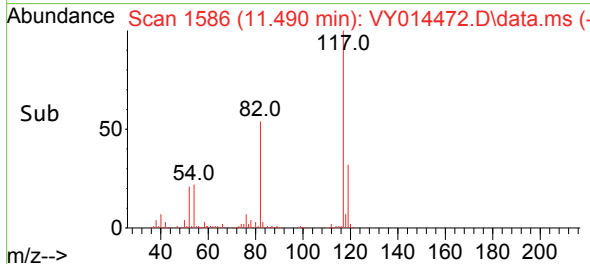
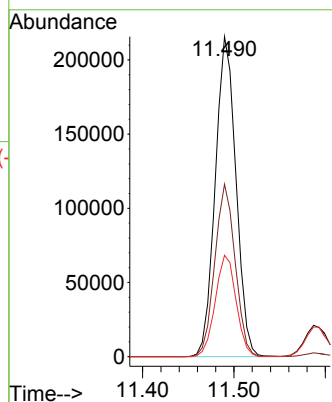
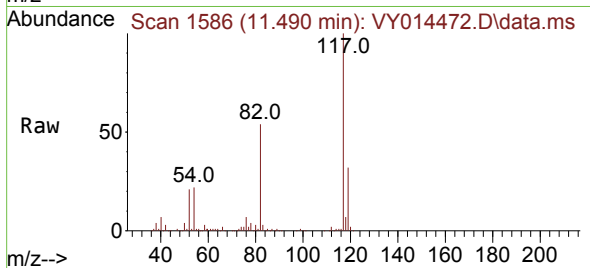




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 117  
Delta R.T. 0.001 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

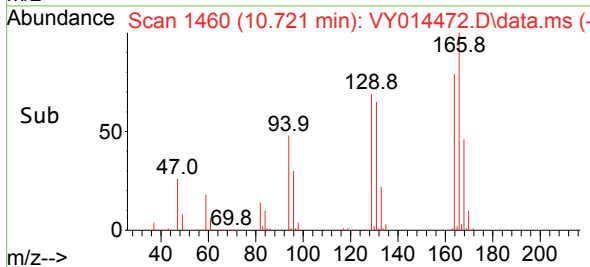
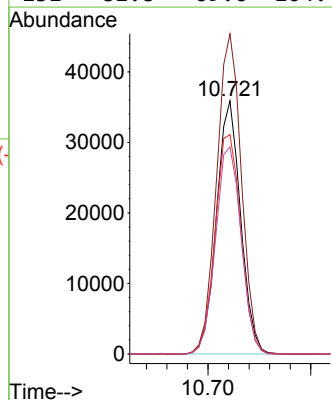
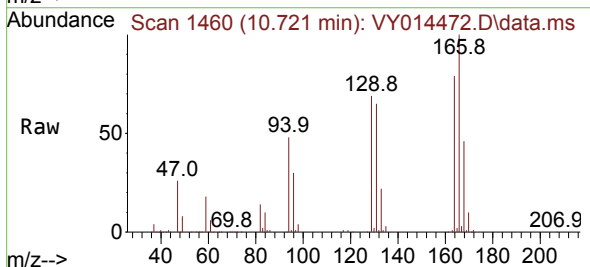
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0628SBS01

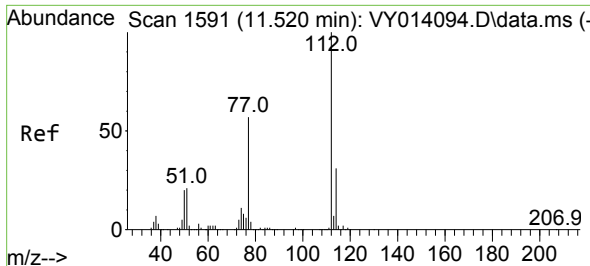
Tgt Ion:117 Resp: 340442  
Ion Ratio Lower Upper  
117 100  
82 53.9 43.4 65.0  
119 31.7 26.3 39.5



#64  
Tetrachloroethene  
Concen: 20.117 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

Tgt Ion:164 Resp: 58279  
Ion Ratio Lower Upper  
164 100  
166 126.4 103.0 154.6  
129 86.7 77.2 115.8  
131 81.8 69.6 104.4

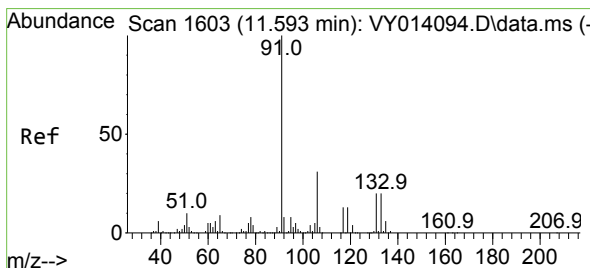
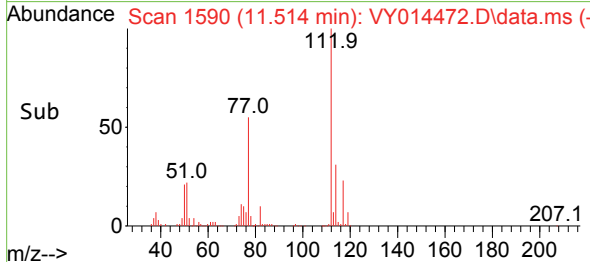
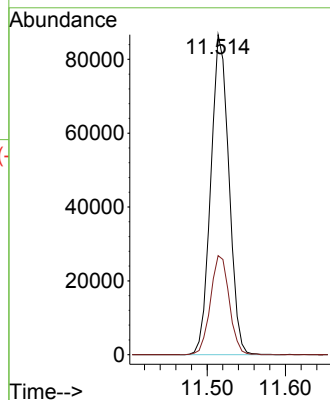
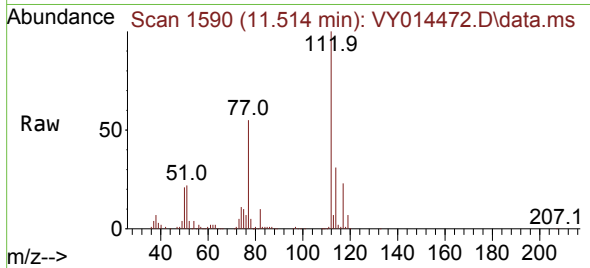




#65  
Chlorobenzene  
Concen: 19.884 ug/l  
RT: 11.514 min Scan# 1150  
Delta R.T. -0.006 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

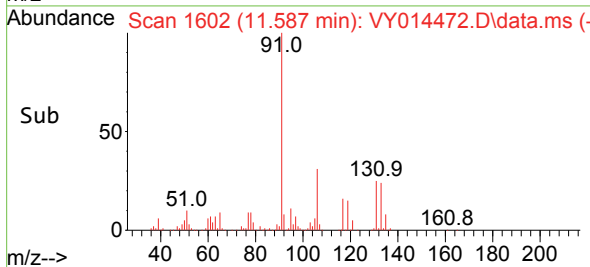
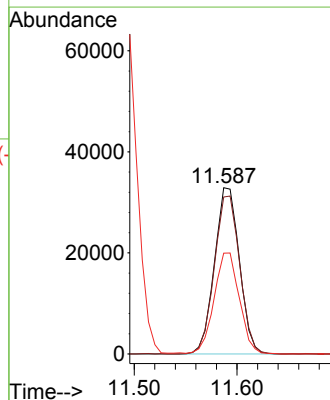
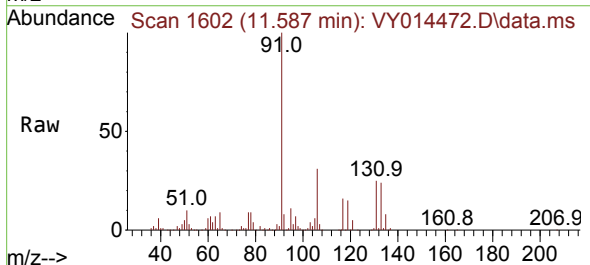
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0628SBS01

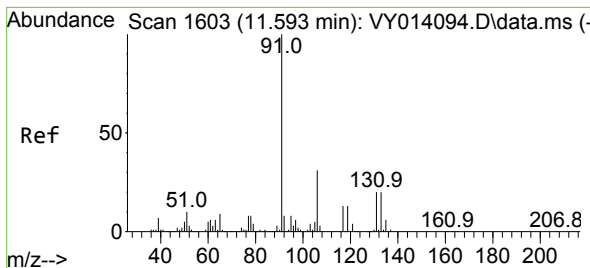
Tgt Ion:112 Resp: 139074  
Ion Ratio Lower Upper  
112 100  
114 31.0 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.664 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.006 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

Tgt Ion:131 Resp: 55400  
Ion Ratio Lower Upper  
131 100  
133 96.9 47.5 142.6  
119 61.9 31.6 94.7





#67

Ethyl Benzene

Concen: 19.326 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

Instrument :

MSVOA\_Y

ClientSampleId :

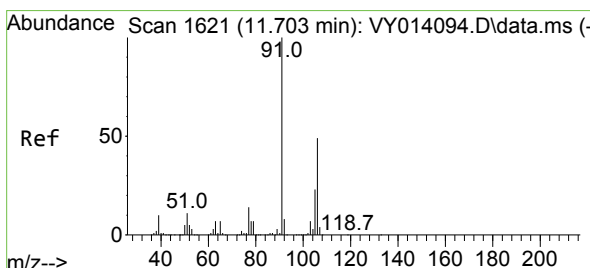
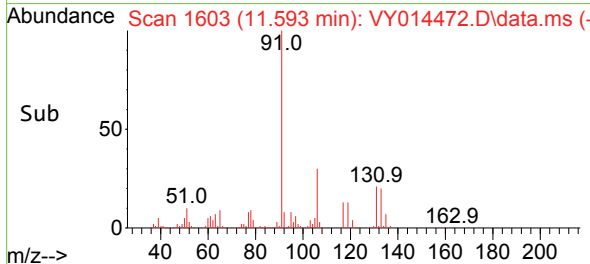
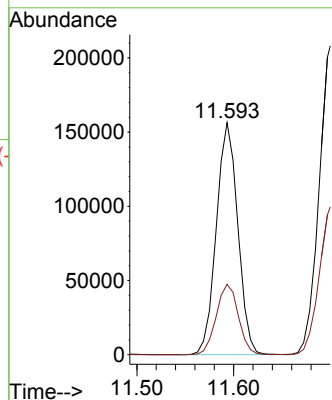
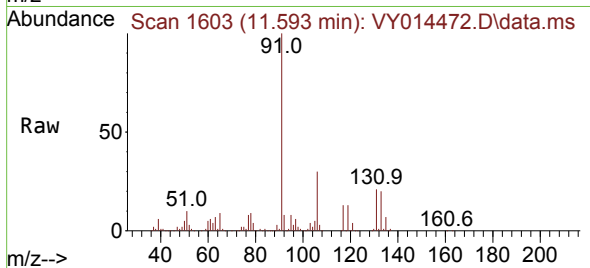
VY0628SBS01

Tgt Ion: 91 Resp: 240689

Ion Ratio Lower Upper

91 100

106 30.3 24.6 36.8



#68

m/p-Xylenes

Concen: 39.286 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014472.D

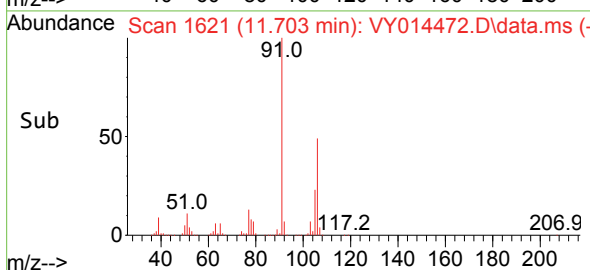
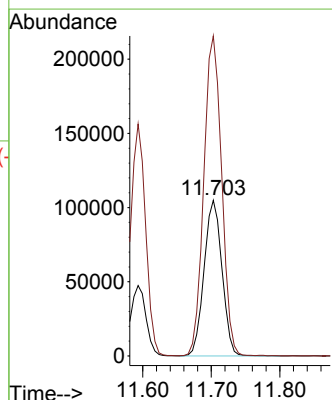
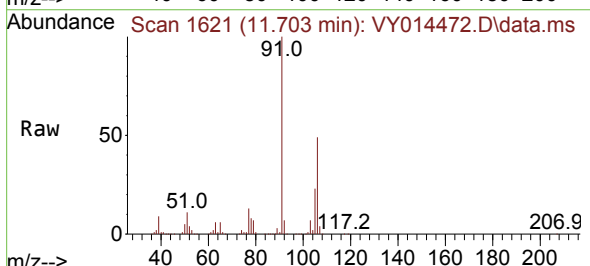
Acq: 28 Jun 2023 11:52

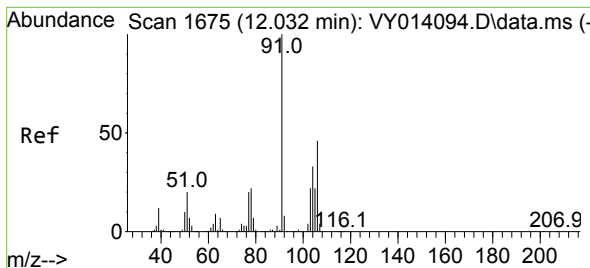
Tgt Ion: 106 Resp: 191104

Ion Ratio Lower Upper

106 100

91 204.7 166.1 249.1

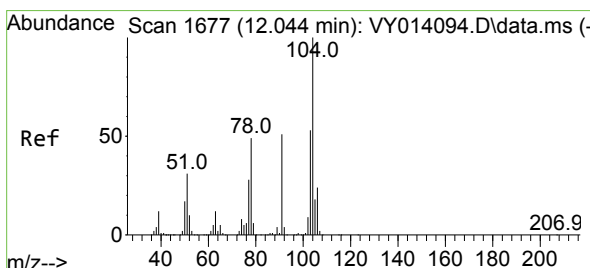
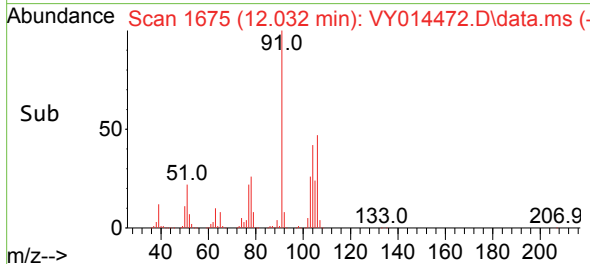
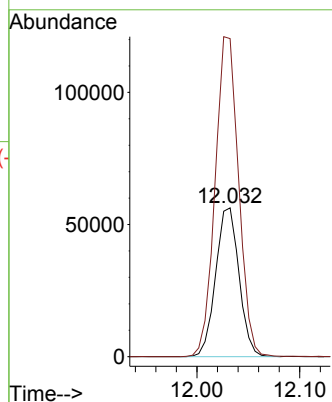
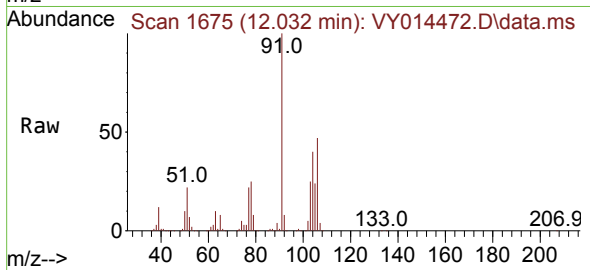




#69  
o-Xylene  
Concen: 19.164 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

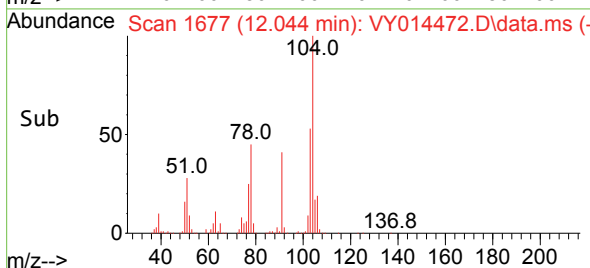
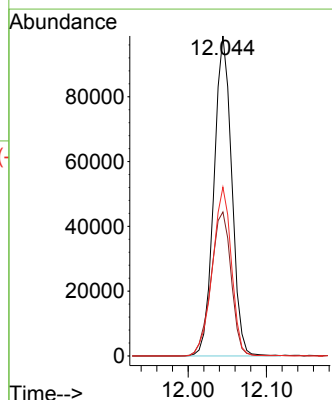
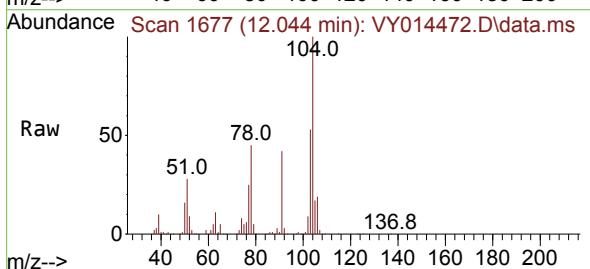
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0628SBS01

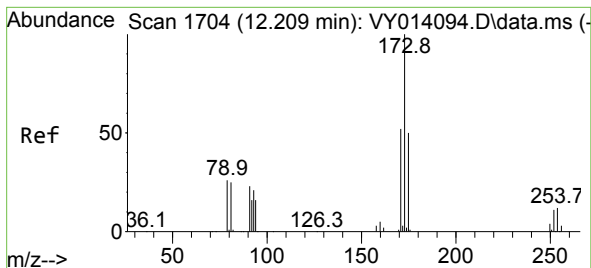
Tgt Ion:106 Resp: 88706  
Ion Ratio Lower Upper  
106 100  
91 216.8 108.1 324.3



#70  
Styrene  
Concen: 19.618 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

Tgt Ion:104 Resp: 155636  
Ion Ratio Lower Upper  
104 100  
78 51.4 41.5 62.3  
103 56.3 44.6 67.0





#71

Bromoform

Concen: 20.871 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

Instrument :

MSVOA\_Y

ClientSampleId :

VY0628SBS01

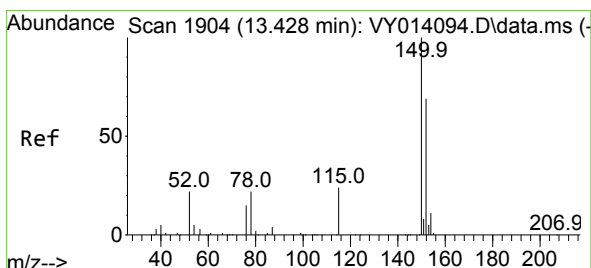
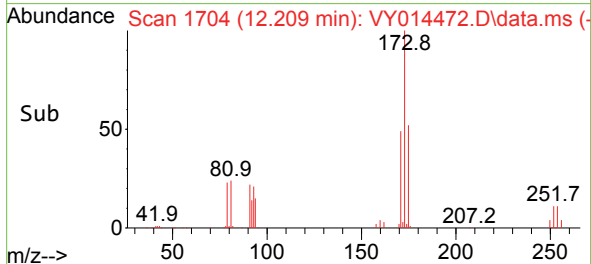
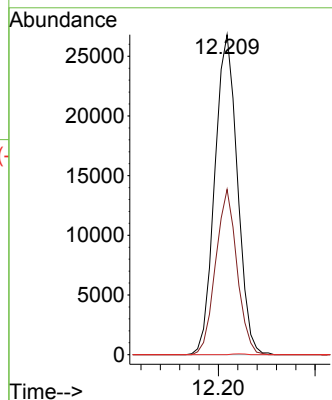
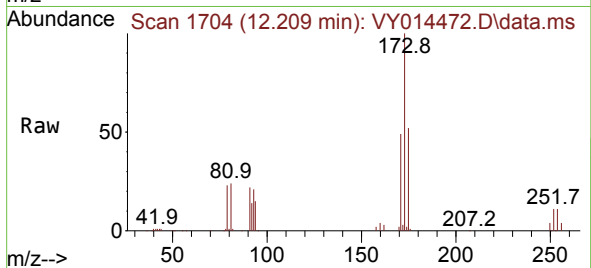
Tgt Ion:173 Resp: 43457

Ion Ratio Lower Upper

173 100

175 48.8 24.6 73.8

254 0.2 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

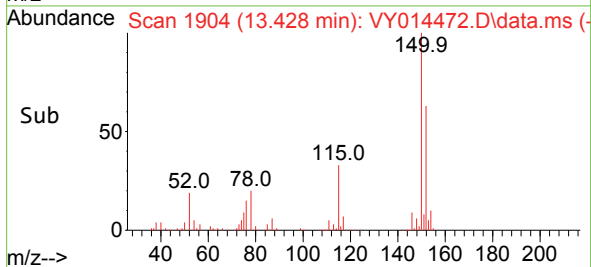
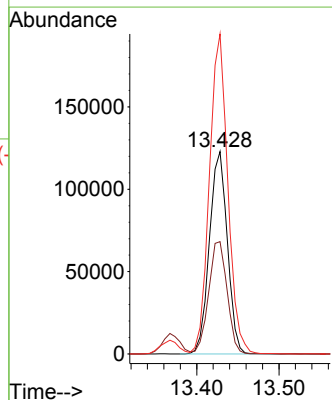
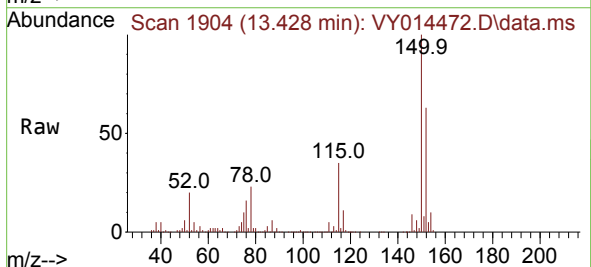
Tgt Ion:152 Resp: 186338

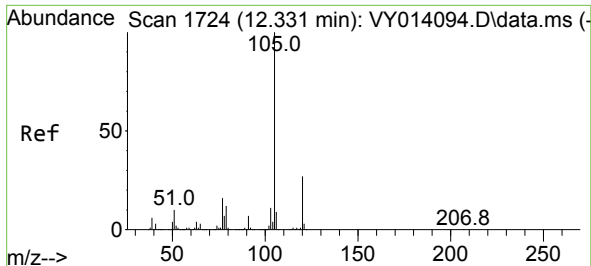
Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 162.2 0.0 348.8

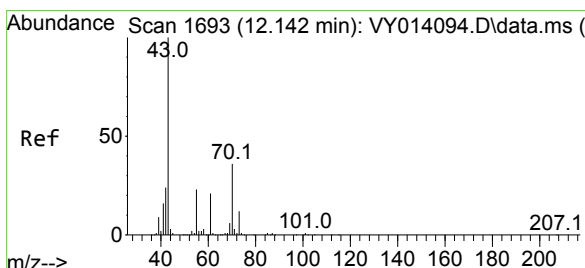
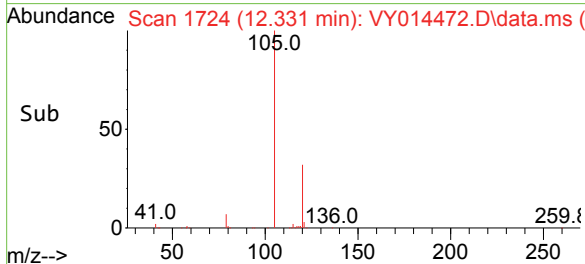
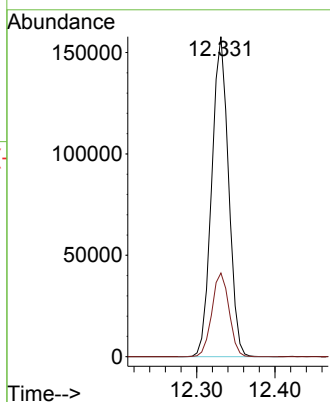
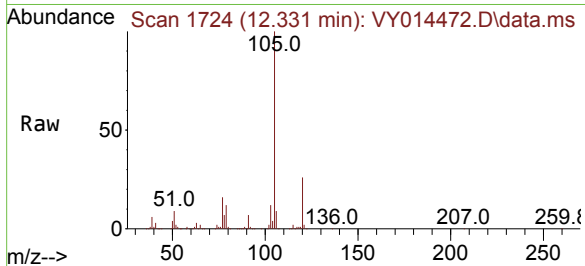




#73  
Isopropylbenzene  
Concen: 18.756 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

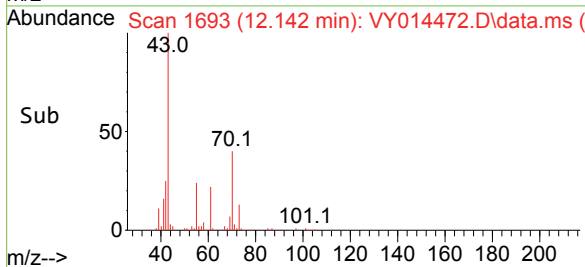
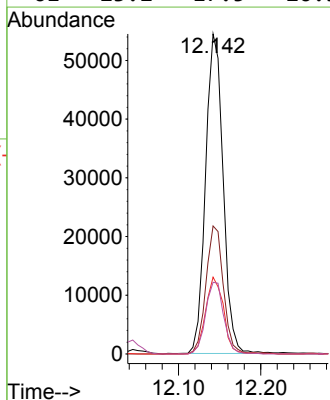
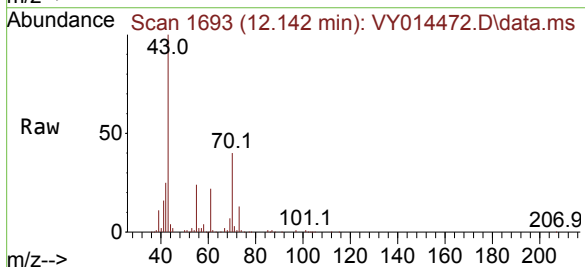
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0628SBS01

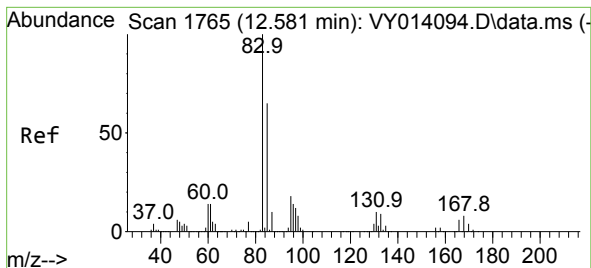
Tgt Ion:105 Resp: 235339  
Ion Ratio Lower Upper  
105 100  
120 26.7 13.3 39.9



#74  
N-ethyl acetate  
Concen: 20.322 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

Tgt Ion: 43 Resp: 80754  
Ion Ratio Lower Upper  
43 100  
70 39.9 29.7 44.5  
55 24.7 18.3 27.5  
61 23.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.121 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

Instrument :

MSVOA\_Y

ClientSampleId :

VY0628SBS01

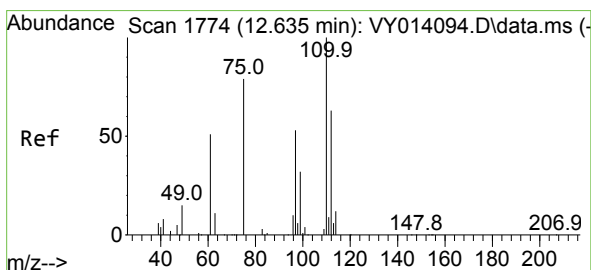
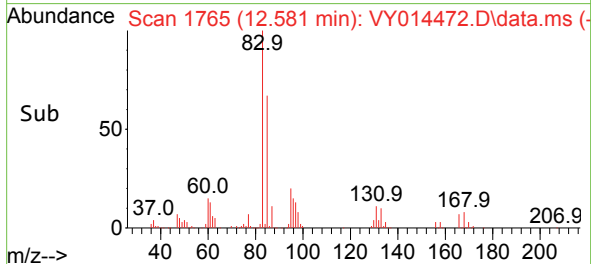
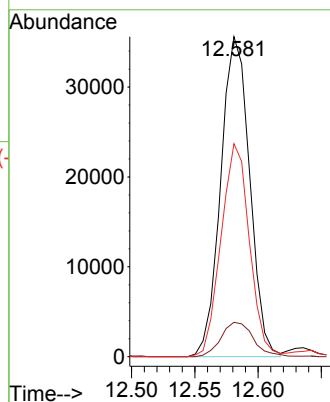
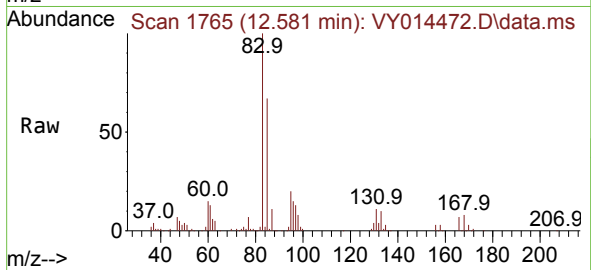
Tgt Ion: 83 Resp: 56636

Ion Ratio Lower Upper

83 100

131 12.1 5.4 16.2

85 65.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 34.599 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.005 min

Lab File: VY014472.D

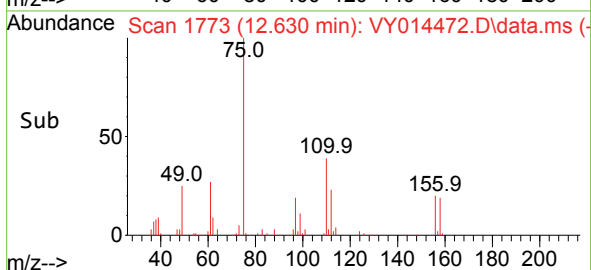
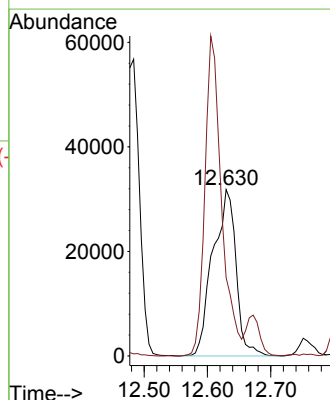
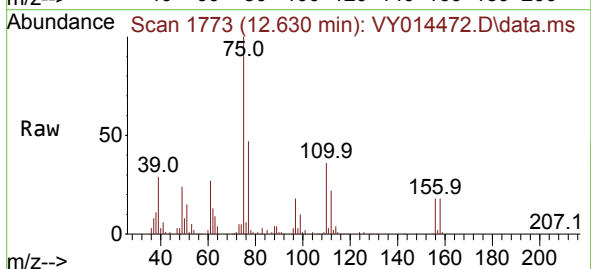
Acq: 28 Jun 2023 11:52

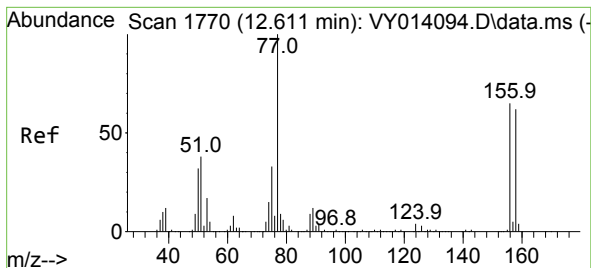
Tgt Ion: 75 Resp: 80874

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.329 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

Instrument :

MSVOA\_Y

ClientSampleId :

VY0628SBS01

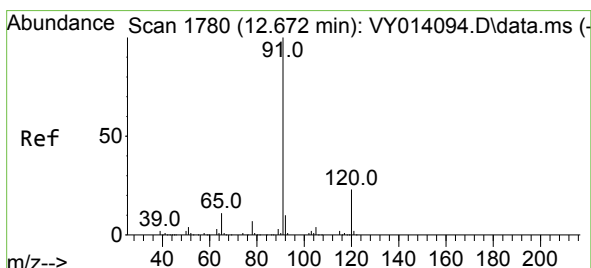
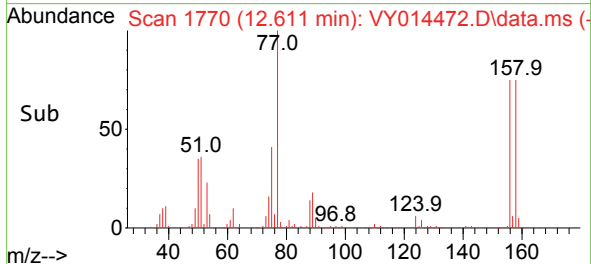
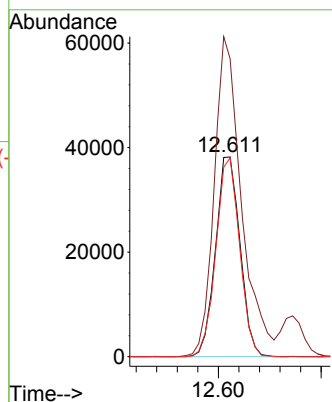
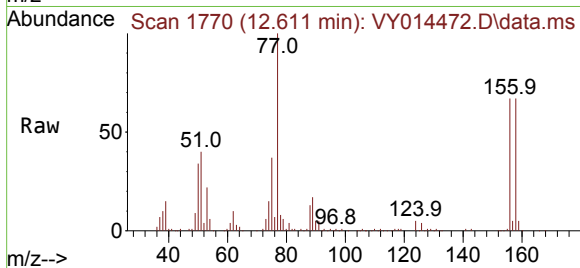
Tgt Ion:156 Resp: 63058

Ion Ratio Lower Upper

156 100

77 178.1 92.8 278.6

158 96.3 48.4 145.3



#78

n-propylbenzene

Concen: 18.953 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014472.D

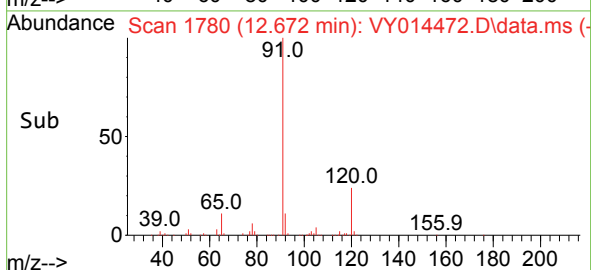
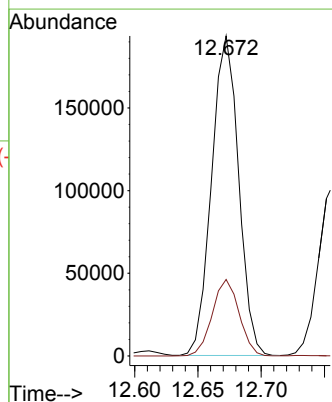
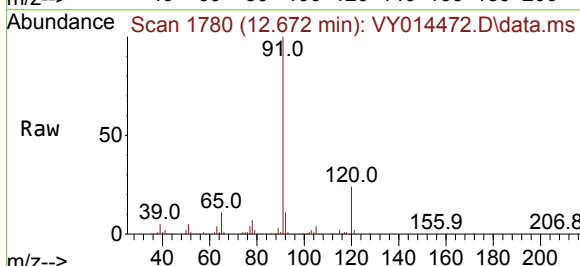
Acq: 28 Jun 2023 11:52

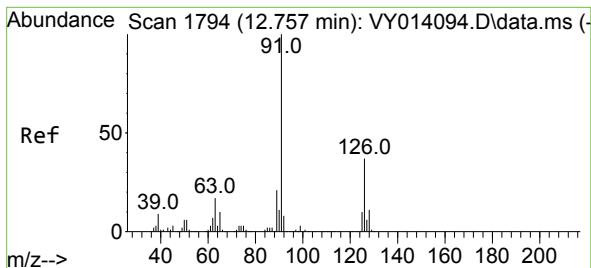
Tgt Ion: 91 Resp: 286907

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.140 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

Instrument :

MSVOA\_Y

ClientSampleId :

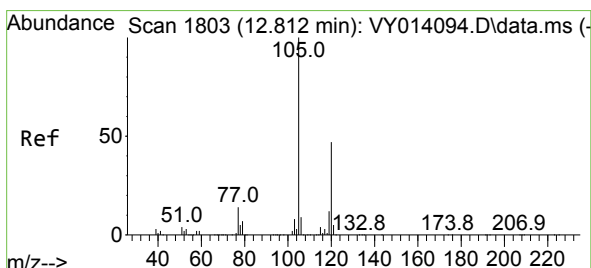
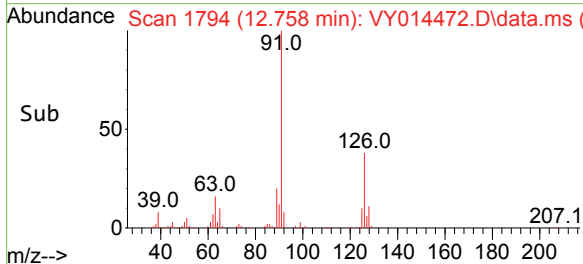
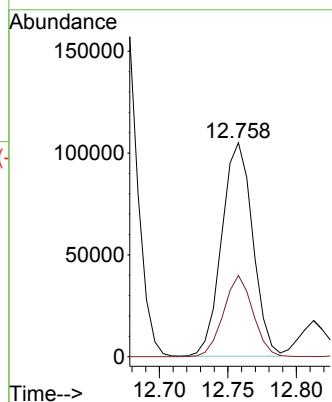
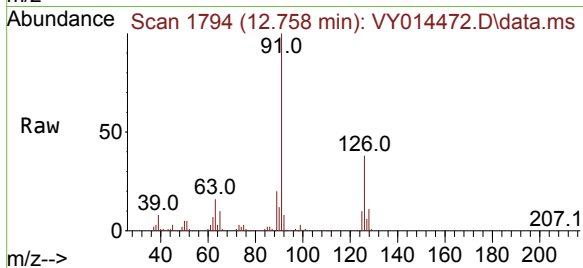
VY0628SBS01

Tgt Ion: 91 Resp: 165468

Ion Ratio Lower Upper

91 100

126 36.1 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 19.152 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY014472.D

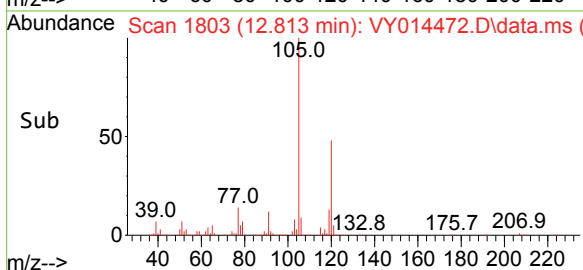
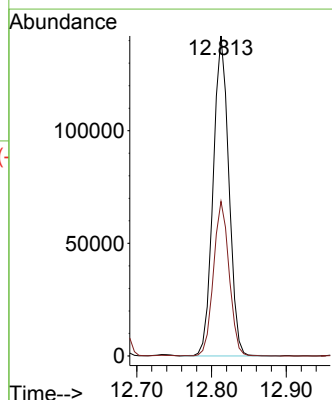
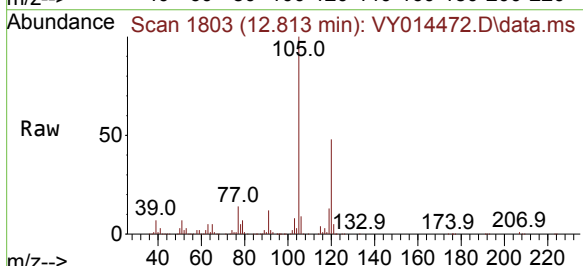
Acq: 28 Jun 2023 11:52

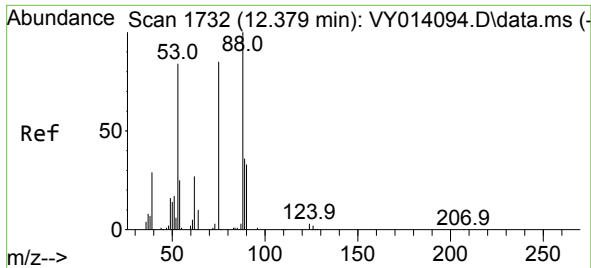
Tgt Ion:105 Resp: 207876

Ion Ratio Lower Upper

105 100

120 48.1 23.9 71.7

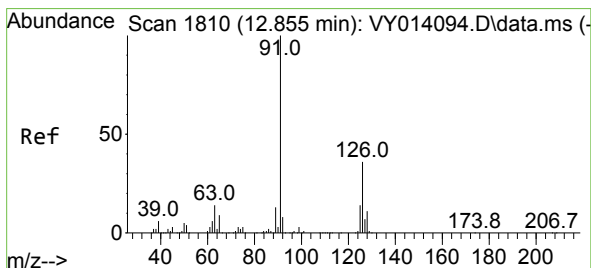
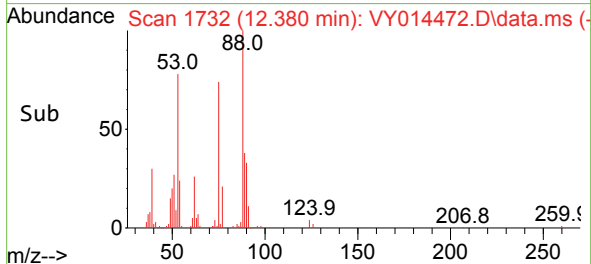
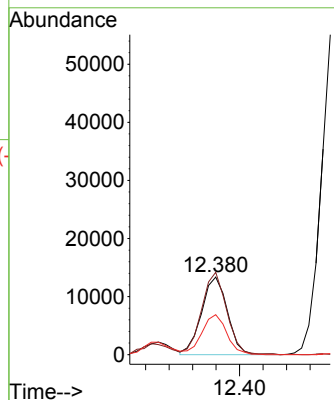
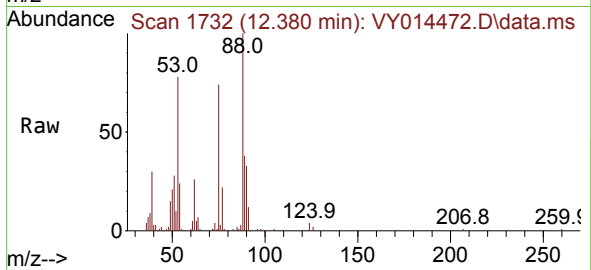




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.903 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.001 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

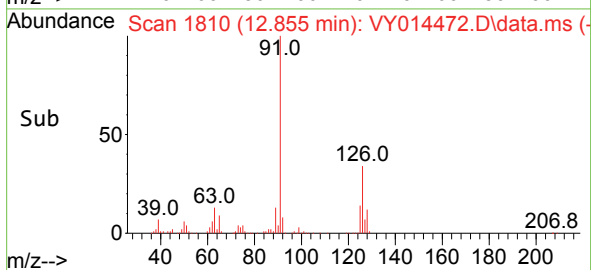
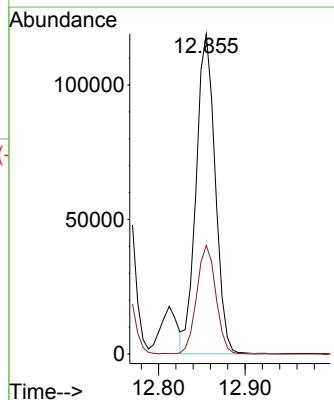
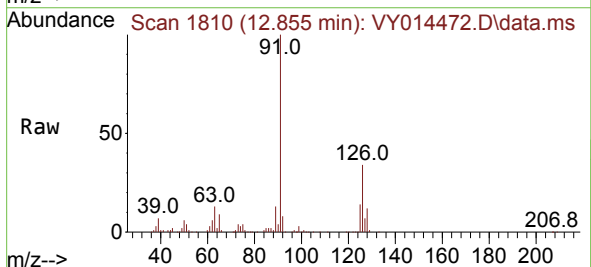
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0628SBS01

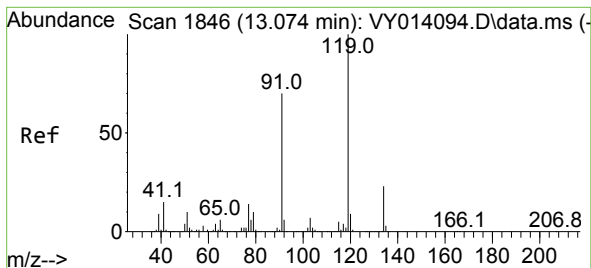
Tgt Ion: 75 Resp: 20434  
Ion Ratio Lower Upper  
75 100  
53 103.1 77.8 116.8  
89 49.9 37.4 56.0



#82  
4-Chlorotoluene  
Concen: 19.694 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

Tgt Ion: 91 Resp: 181375  
Ion Ratio Lower Upper  
91 100  
126 34.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 18.460 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.001 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

Instrument :

MSVOA\_Y

ClientSampleId :

VY0628SBS01

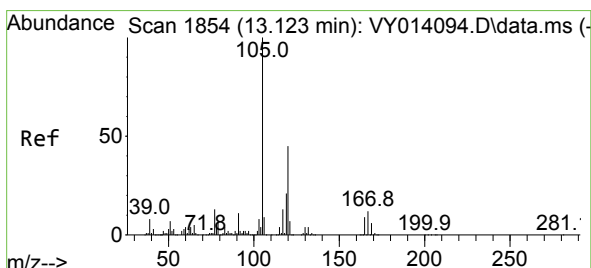
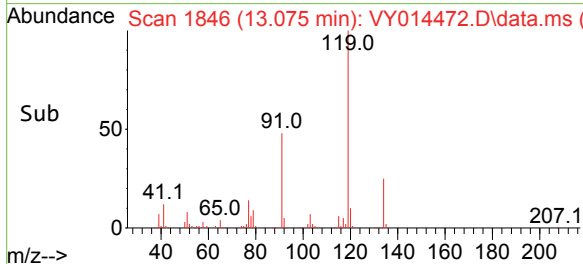
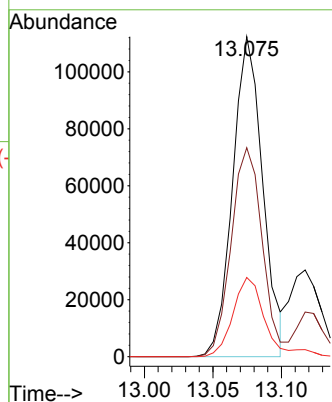
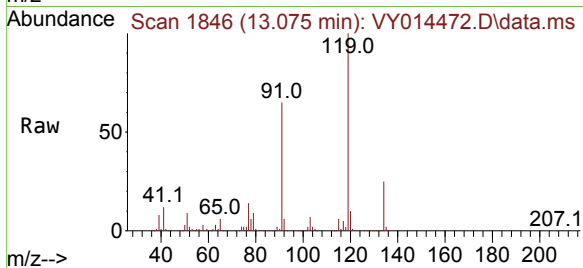
Tgt Ion:119 Resp: 171772

Ion Ratio Lower Upper

119 100

91 66.8 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.398 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY014472.D

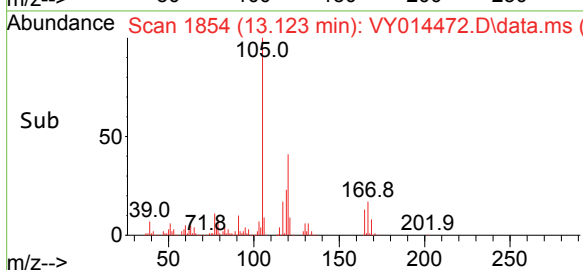
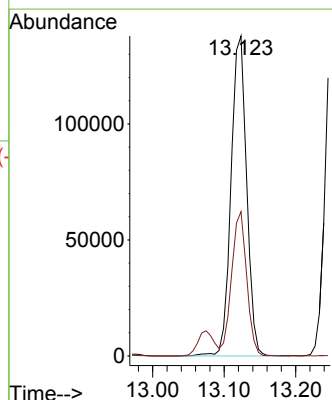
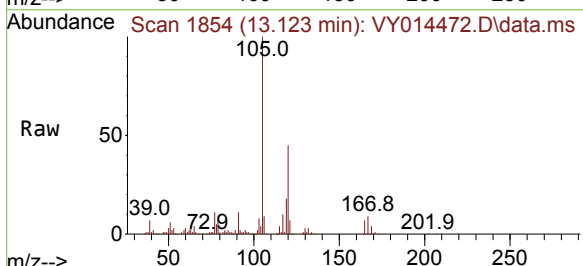
Acq: 28 Jun 2023 11:52

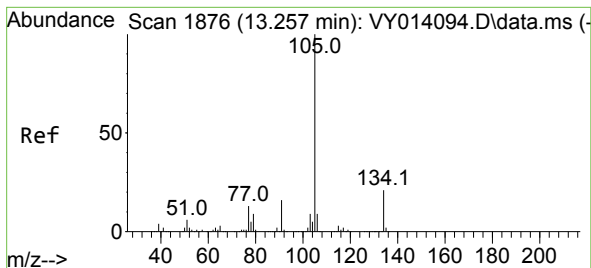
Tgt Ion:105 Resp: 208635

Ion Ratio Lower Upper

105 100

120 43.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 18.920 ug/l

RT: 13.251 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

Instrument :

MSVOA\_Y

ClientSampleId :

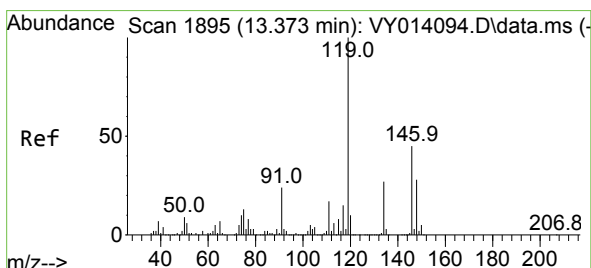
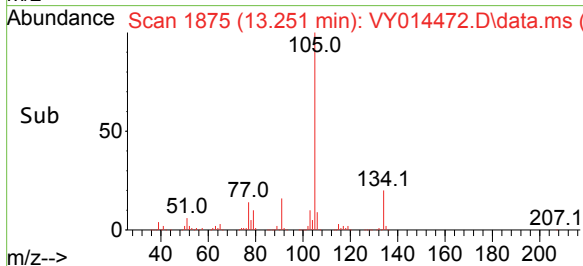
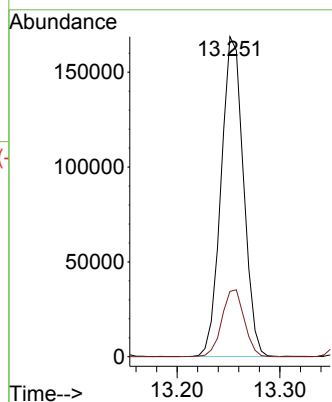
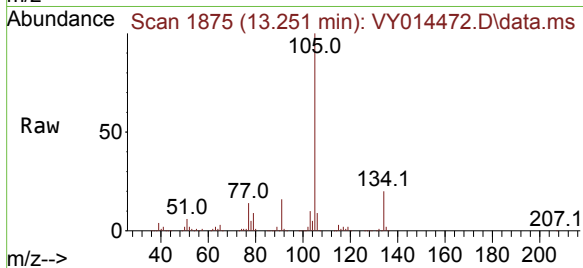
VY0628SBS01

Tgt Ion:105 Resp: 254587

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 18.977 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

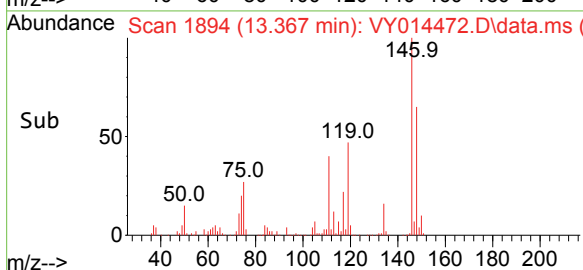
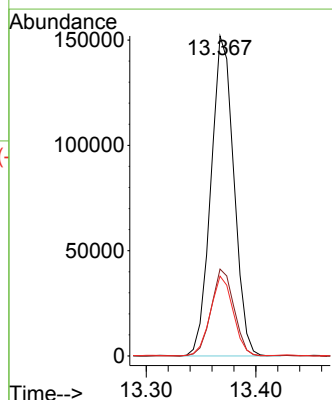
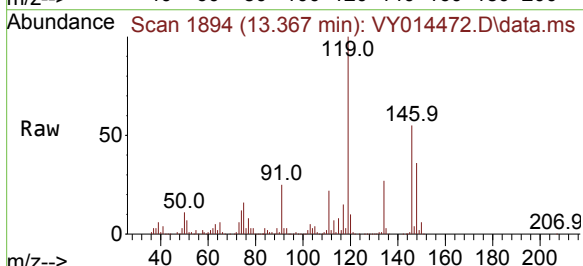
Tgt Ion:119 Resp: 221096

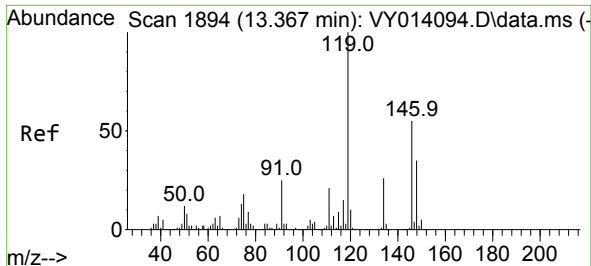
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

91 24.7 12.4 37.4

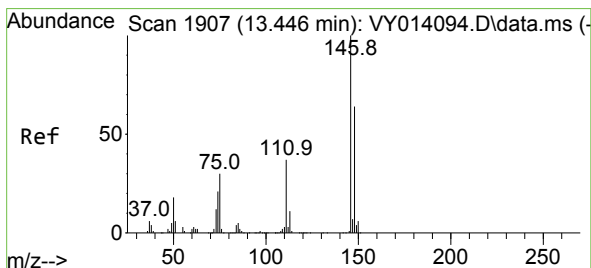
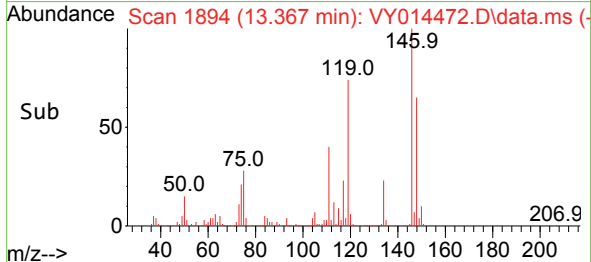
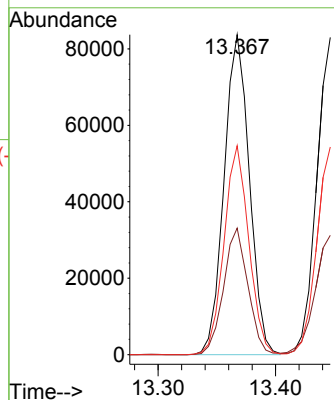
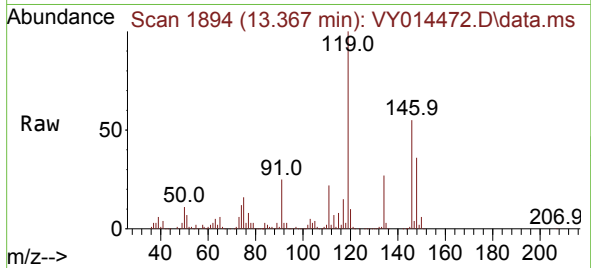




#87  
1,3-Dichlorobenzene  
Concen: 19.919 ug/l  
RT: 13.367 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

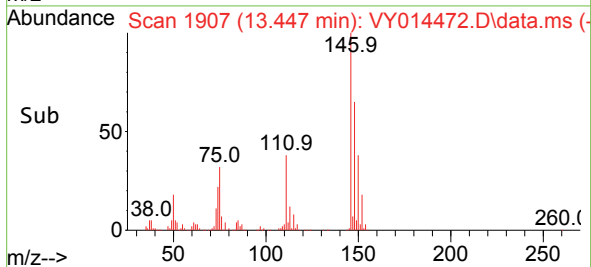
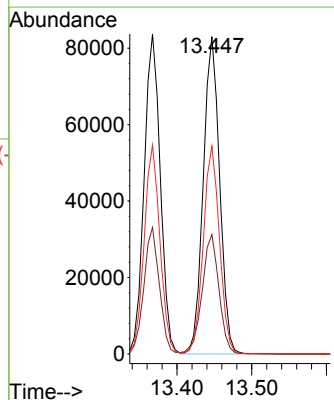
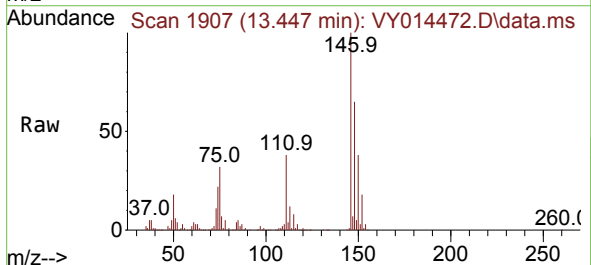
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0628SBS01

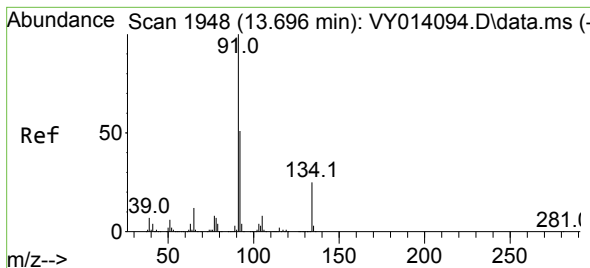
Tgt Ion:146 Resp: 125342  
Ion Ratio Lower Upper  
146 100  
111 38.2 19.4 58.2  
148 64.0 31.9 95.5



#88  
1,4-Dichlorobenzene  
Concen: 19.958 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. 0.001 min  
Lab File: VY014472.D  
Acq: 28 Jun 2023 11:52

Tgt Ion:146 Resp: 126255  
Ion Ratio Lower Upper  
146 100  
111 38.6 18.9 56.7  
148 65.0 32.1 96.5





#89

n-Butylbenzene

Concen: 18.743 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

Instrument :

MSVOA\_Y

ClientSampleId :

VY0628SBS01

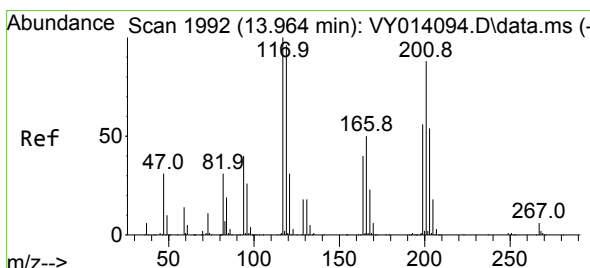
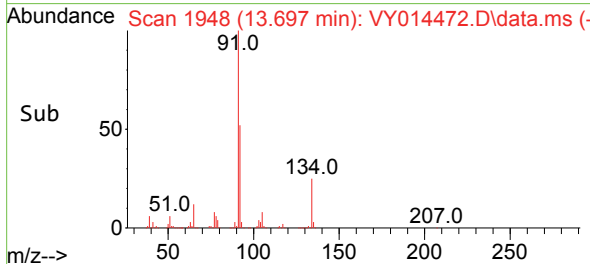
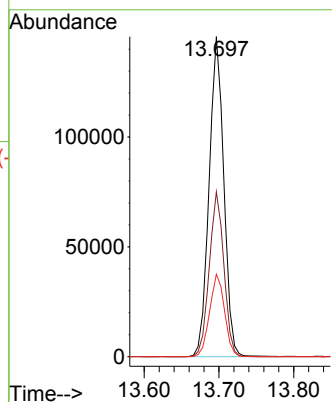
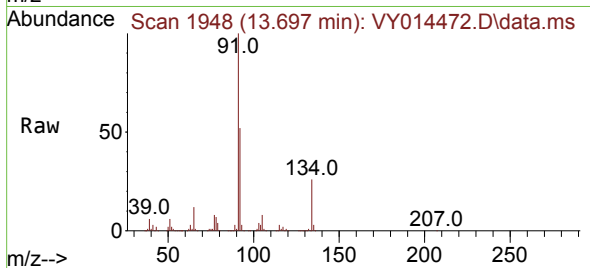
Tgt Ion: 91 Resp: 199521

Ion Ratio Lower Upper

91 100

92 51.1 25.4 76.0

134 26.1 12.6 37.6



#90

Hexachloroethane

Concen: 18.770 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.001 min

Lab File: VY014472.D

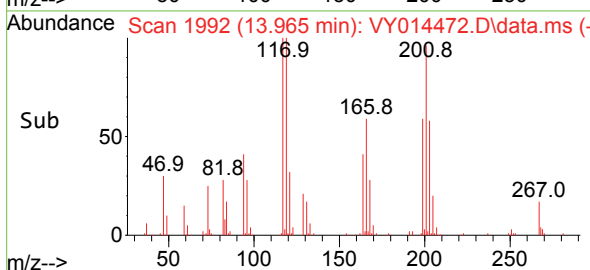
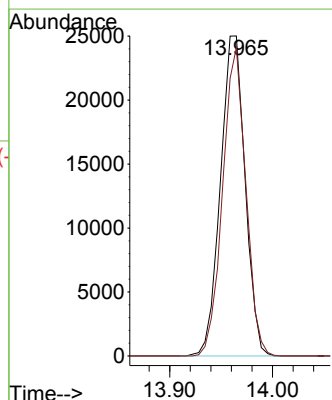
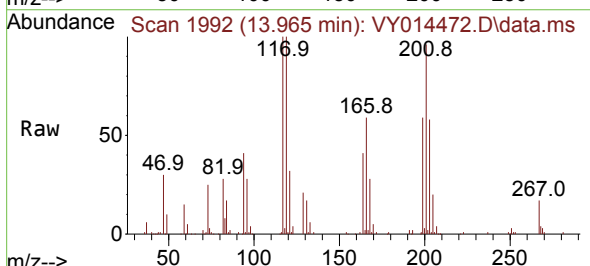
Acq: 28 Jun 2023 11:52

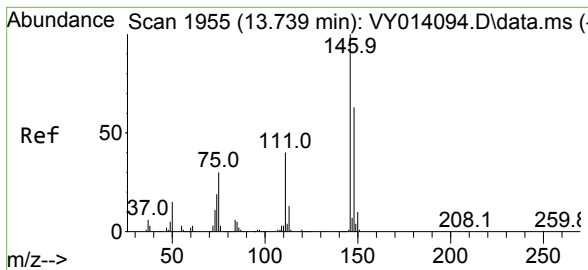
Tgt Ion: 117 Resp: 41601

Ion Ratio Lower Upper

117 100

201 90.7 41.6 124.8

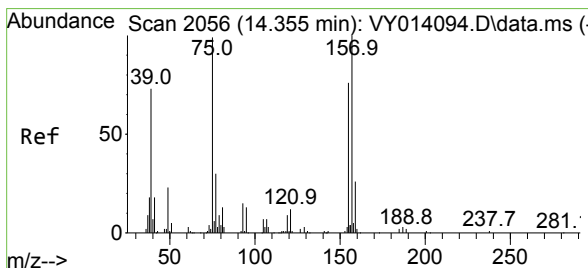
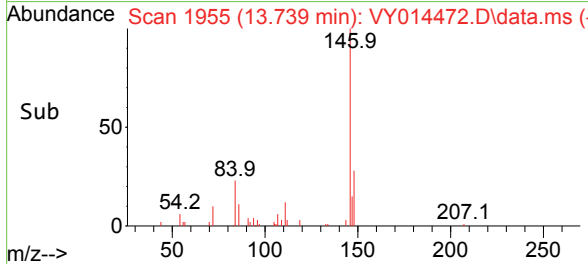
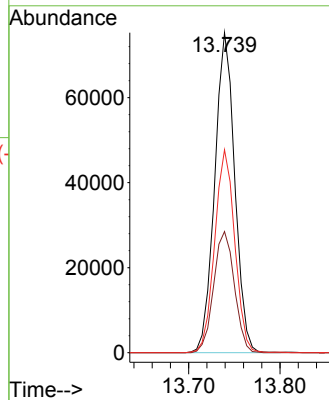
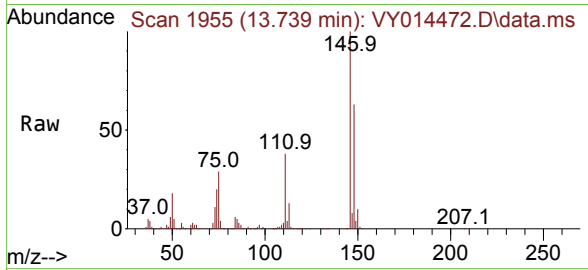




#91  
 1,2-Dichlorobenzene  
 Concen: 19.953 ug/l  
 RT: 13.739 min Scan# 1955  
 Delta R.T. 0.000 min  
 Lab File: VY014472.D  
 Acq: 28 Jun 2023 11:52

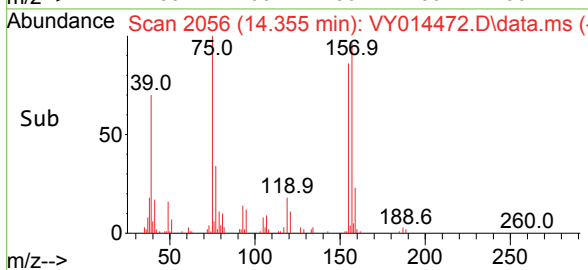
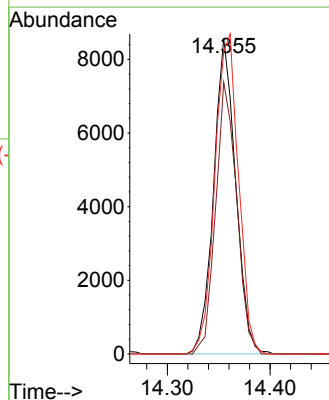
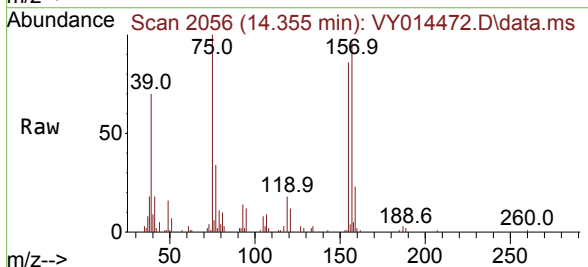
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0628SBS01

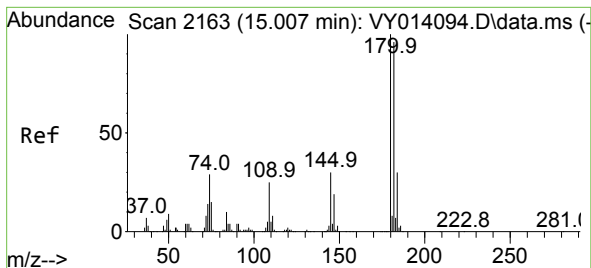
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 114620 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 39.2  | 19.7  | 59.0   |
| 148       | 63.6  | 32.0  | 96.2   |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.515 ug/l  
 RT: 14.355 min Scan# 2056  
 Delta R.T. -0.000 min  
 Lab File: VY014472.D  
 Acq: 28 Jun 2023 11:52

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 12751 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 82.4  | 41.5  | 124.6 |
| 157       | 108.6 | 51.8  | 155.5 |





#93

1,2,4-Trichlorobenzene

Concen: 19.913 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

Instrument :

MSVOA\_Y

ClientSampleId :

VY0628SBS01

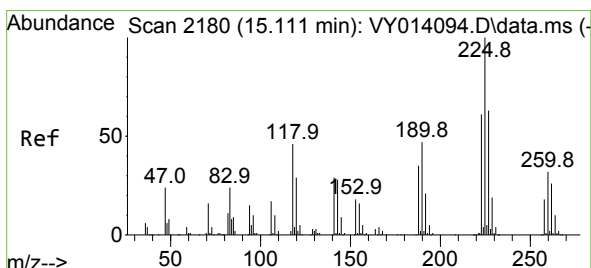
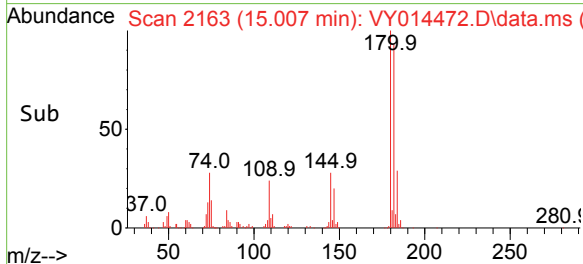
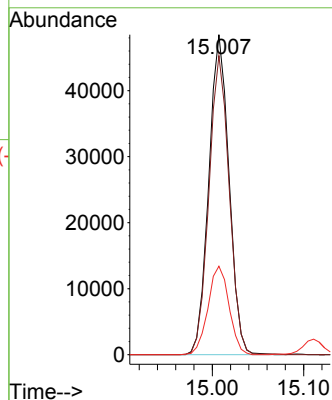
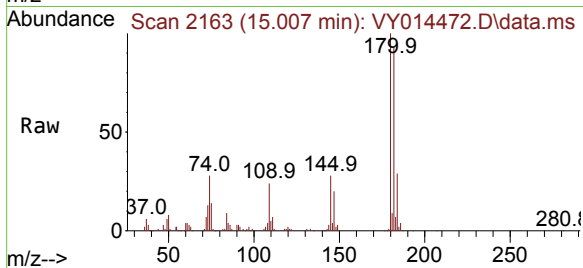
Tgt Ion:180 Resp: 74319

Ion Ratio Lower Upper

180 100

182 93.7 47.0 141.2

145 28.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.458 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

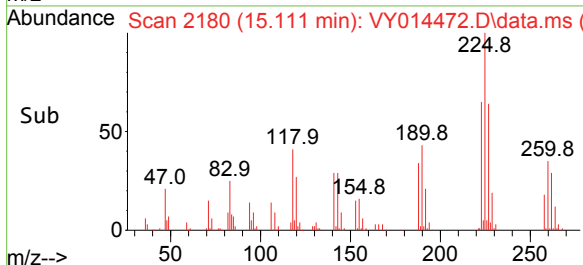
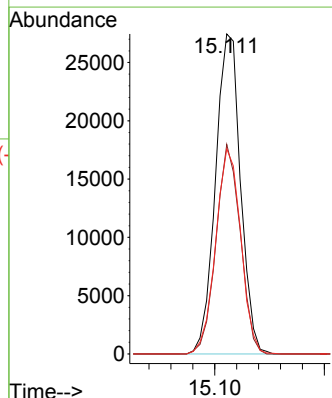
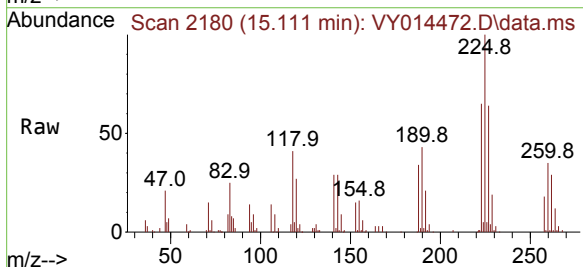
Tgt Ion:225 Resp: 43622

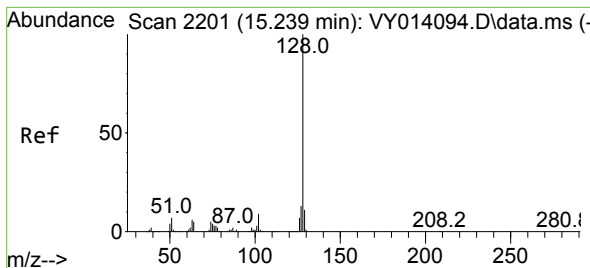
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.9

227 64.2 33.0 98.9





#95

Naphthalene

Concen: 20.193 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

Instrument :

MSVOA\_Y

ClientSampleId :

VY0628SBS01

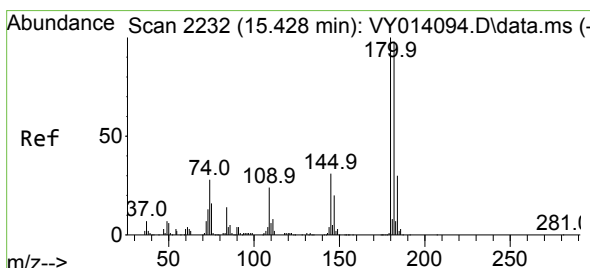
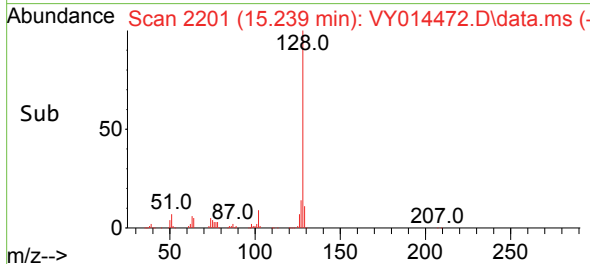
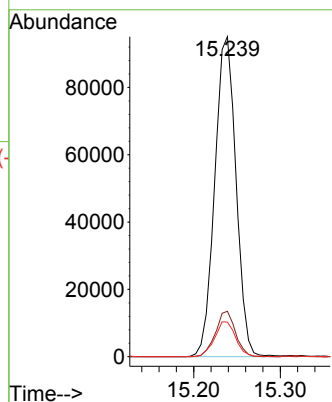
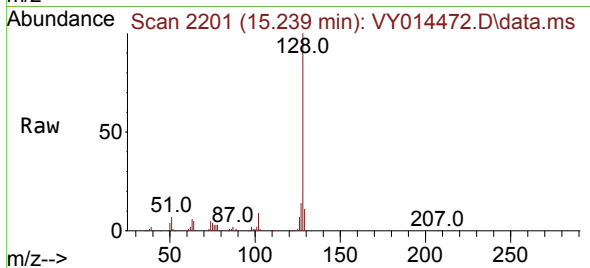
Tgt Ion:128 Resp: 162028

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.775 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014472.D

Acq: 28 Jun 2023 11:52

Tgt Ion:180 Resp: 67200

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.8

145 31.2 15.4 46.2

