

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY022124\  
 Data File : VY017429.D  
 Acq On : 21 Feb 2024 11:42  
 Operator : SY/MD  
 Sample : VY0221SBSD01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0221SBSD01

Quant Time: Feb 22 03:23:06 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y021924S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 20 06:16:24 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.807  | 168  | 147171   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.703  | 114  | 234231   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.502 | 117  | 197619   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.434 | 152  | 87930    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.161  | 65    | 58626    | 46.630   | ug/l | 0.01    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 93.260% |
| 35) Dibromofluoromethane    | 7.734  | 113   | 65388    | 47.690   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 95.380% |
| 50) Toluene-d8              | 10.191 | 98    | 257244   | 48.376   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 96.760% |
| 62) 4-Bromofluorobenzene    | 12.495 | 95    | 74795    | 42.444   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 84.880% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.918 | 85  | 22277  | 18.983  | ug/l   | 97  |
| 3) Chloromethane             | 2.125 | 50  | 44175  | 18.444  | ug/l   | 96  |
| 4) Vinyl Chloride            | 2.265 | 62  | 59591  | 19.110  | ug/l   | 99  |
| 5) Bromomethane              | 2.662 | 94  | 50244  | 20.060  | ug/l   | 97  |
| 6) Chloroethane              | 2.808 | 64  | 39175  | 19.721  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.143 | 101 | 50137  | 18.748  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.546 | 74  | 14097  | 18.650  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 3.918 | 101 | 30609  | 19.802  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.119 | 142 | 33836  | 20.569  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 4.978 | 59  | 7997   | 81.804  | ug/l # | 86  |
| 12) 1,1-Dichloroethene       | 3.893 | 96  | 28189  | 19.402  | ug/l   | 97  |
| 13) Acrolein                 | 3.747 | 56  | 13701  | 104.733 | ug/l   | 99  |
| 14) Allyl chloride           | 4.503 | 41  | 33742  | 19.160  | ug/l   | 98  |
| 15) Acrylonitrile            | 5.186 | 53  | 26585  | 88.466  | ug/l   | 99  |
| 16) Acetone                  | 3.966 | 43  | 24496  | 89.964  | ug/l   | 89  |
| 17) Carbon Disulfide         | 4.216 | 76  | 89417  | 19.372  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.497 | 43  | 10206  | 16.529  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 5.241 | 73  | 59218  | 18.044  | ug/l   | 98  |
| 20) Methylene Chloride       | 4.741 | 84  | 34554  | 16.606  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.241 | 96  | 32868  | 19.559  | ug/l   | 97  |
| 22) Diisopropyl ether        | 6.143 | 45  | 78419  | 19.361  | ug/l   | 98  |
| 23) Vinyl Acetate            | 6.082 | 43  | 221201 | 91.894  | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 6.045 | 63  | 54186  | 19.733  | ug/l   | 99  |
| 25) 2-Butanone               | 7.009 | 43  | 33495  | 87.636  | ug/l   | 94  |
| 26) 2,2-Dichloropropane      | 7.002 | 77  | 46426  | 19.648  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 7.002 | 96  | 36386  | 19.495  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.350 | 49  | 21914  | 21.269  | ug/l   | 97  |
| 29) Tetrahydrofuran          | 7.368 | 42  | 19464  | 86.629  | ug/l   | 99  |
| 30) Chloroform               | 7.527 | 83  | 57785  | 19.934  | ug/l   | 96  |
| 31) Cyclohexane              | 7.807 | 56  | 47166  | 18.950  | ug/l   | 92  |
| 32) 1,1,1-Trichloroethane    | 7.722 | 97  | 50183  | 19.600  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 7.935 | 75  | 44944  | 19.627  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.094 | 43  | 15400  | 18.469  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 7.917 | 117 | 44510  | 19.523  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.197 | 83  | 53699  | 19.157  | ug/l   | 96  |
| 40) Benzene                  | 8.179 | 78  | 131694 | 19.684  | ug/l   | 100 |

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 Sample : VY0221SBSD01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0221SBSD01

Quant Time: Feb 22 03:23:06 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y021924S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 20 06:16:24 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.368  | 41   | 19008    | 46.679  | ug/l # | 15       |
| 42) 1,2-Dichloroethane        | 8.252  | 62   | 31452    | 19.367  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.289  | 43   | 27128    | 18.004  | ug/l # | 86       |
| 44) Trichloroethene           | 8.953  | 130  | 34872    | 19.229  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.228  | 63   | 30109    | 19.468  | ug/l   | 97       |
| 46) Dibromomethane            | 9.319  | 93   | 16215    | 18.446  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.508  | 83   | 41906    | 19.389  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.307  | 41   | 11723    | 16.582  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.319  | 88   | 3070     | 333.916 | ug/l # | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.081 | 43   | 70103    | 86.343  | ug/l   | 99       |
| 52) Toluene                   | 10.258 | 92   | 81990    | 19.630  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.477 | 75   | 36640    | 18.309  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.941  | 75   | 46666    | 19.006  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.654 | 97   | 22406    | 18.525  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.520 | 69   | 23654    | 18.057  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 10.801 | 76   | 36737    | 18.358  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.795  | 63   | 63318    | 87.617  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.843 | 43   | 49740    | 88.943  | ug/l   | 97       |
| 60) Dibromochloromethane      | 10.996 | 129  | 26416    | 18.373  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.099 | 107  | 20323    | 17.960  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.733 | 164  | 31036    | 19.624  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.526 | 112  | 83099    | 19.519  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.599 | 131  | 30181    | 19.037  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.605 | 91   | 146551   | 19.247  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.715 | 106  | 117121   | 39.129  | ug/l   | 100      |
| 69) o-Xylene                  | 12.038 | 106  | 52572    | 19.145  | ug/l   | 99       |
| 70) Styrene                   | 12.056 | 104  | 85489    | 18.955  | ug/l   | 99       |
| 71) Bromoform                 | 12.221 | 173  | 14573    | 17.667  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.343 | 105  | 141576   | 20.844  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.154 | 43   | 22056    | 18.650  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.593 | 83   | 23334    | 19.222  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.642 | 75   | 28103    | 32.963  | ug/l # | 100      |
| 77) Bromobenzene              | 12.623 | 156  | 31266    | 19.628  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.684 | 91   | 170131   | 20.709  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.770 | 91   | 92801    | 20.515  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.825 | 105  | 111061   | 20.443  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.392 | 75   | 6511     | 17.806  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 12.867 | 91   | 94299    | 20.201  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.087 | 119  | 98522    | 20.768  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.129 | 105  | 110463   | 20.524  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.264 | 105  | 150670   | 20.678  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.379 | 119  | 121673   | 20.274  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.379 | 146  | 62860    | 19.540  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.459 | 146  | 61569    | 19.822  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.709 | 91   | 112196   | 20.556  | ug/l   | 98       |
| 90) Hexachloroethane          | 13.971 | 117  | 23942    | 20.360  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.751 | 146  | 52985    | 19.568  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.367 | 75   | 2714     | 17.688  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.019 | 180  | 26574    | 18.769  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.123 | 225  | 17212    | 19.988  | ug/l   | 99       |
| 95) Naphthalene               | 15.251 | 128  | 39401    | 17.462  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.434 | 180  | 21317    | 17.909  | ug/l   | 99       |

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Sample : VY0221SBSD01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

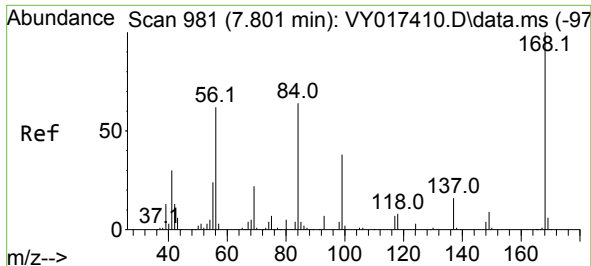
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBSD01

Quant Time: Feb 22 03:23:06 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y021924S.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 20 06:16:24 2024  
Response via : Initial Calibration

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

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

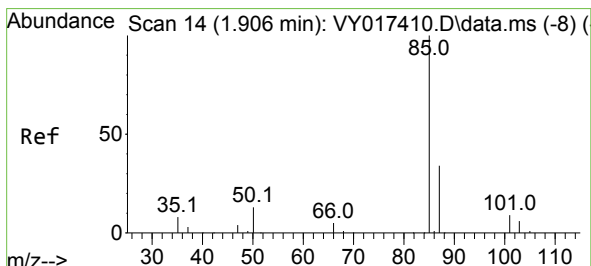
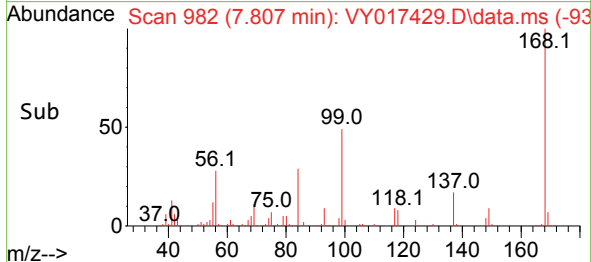
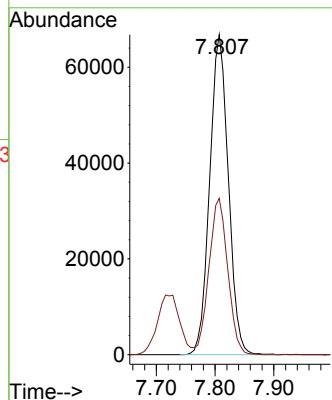
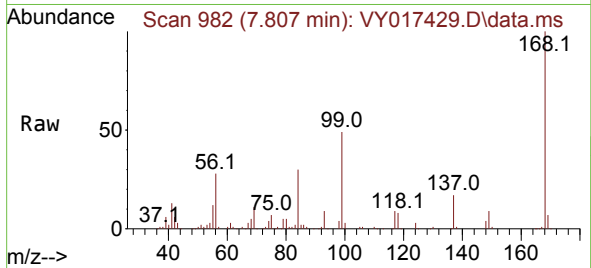




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.807 min Scan# 9  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

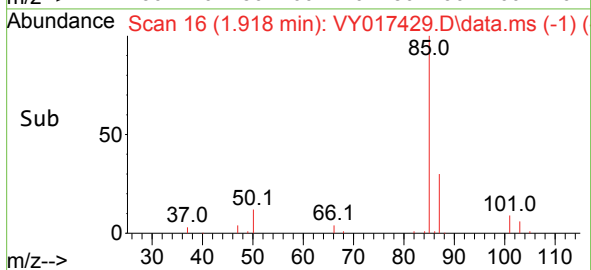
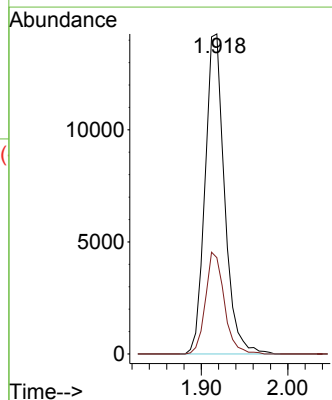
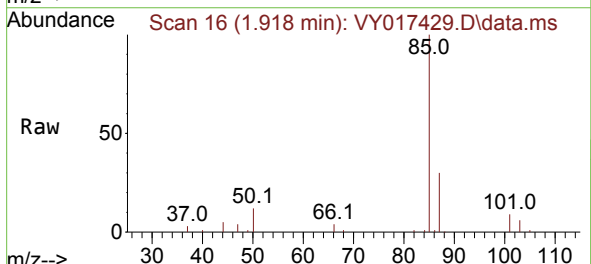
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBS01

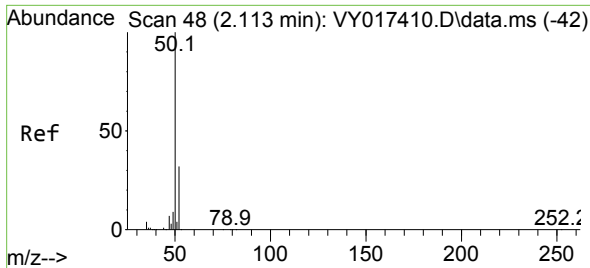
Tgt Ion:168 Resp: 147171  
Ion Ratio Lower Upper  
168 100  
99 48.8 39.1 58.7



#2  
Dichlorodifluoromethane  
Concen: 18.983 ug/l  
RT: 1.918 min Scan# 16  
Delta R.T. 0.012 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion: 85 Resp: 22277  
Ion Ratio Lower Upper  
85 100  
87 30.1 16.0 48.0

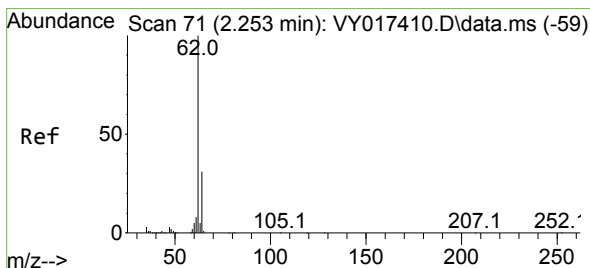
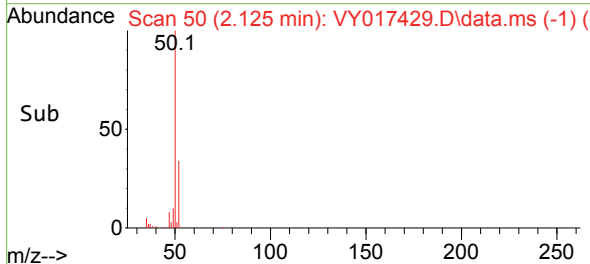
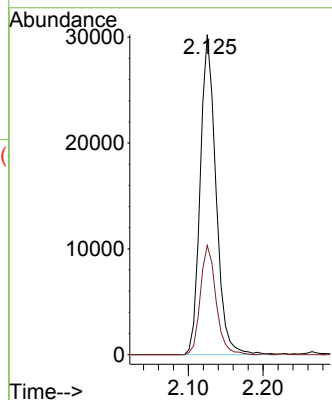
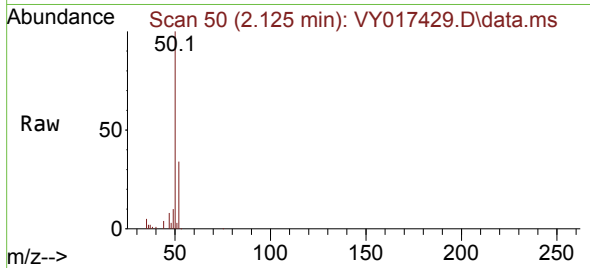




#3  
Chloromethane  
Concen: 18.444 ug/l  
RT: 2.125 min Scan# 50  
Delta R.T. 0.012 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

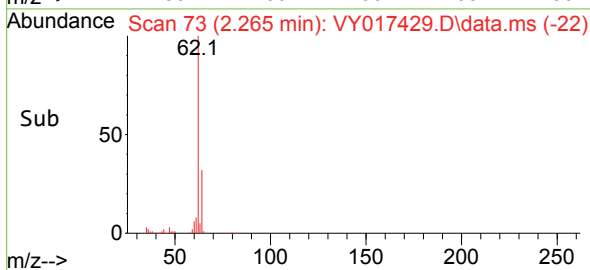
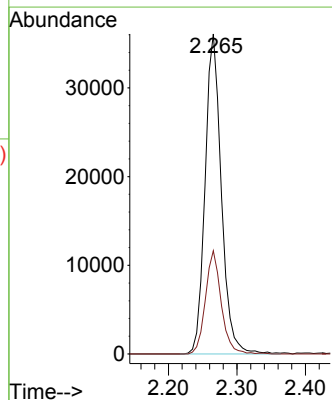
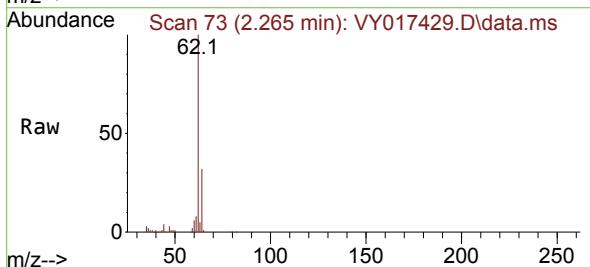
Instrument :  
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ClientSampleId :  
VY0221SBSD01

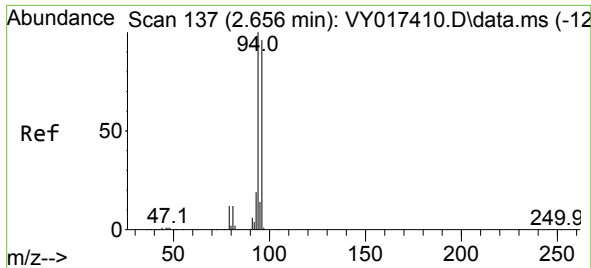
Tgt Ion: 50 Resp: 44175  
Ion Ratio Lower Upper  
50 100  
52 34.1 25.6 38.4



#4  
Vinyl Chloride  
Concen: 19.110 ug/l  
RT: 2.265 min Scan# 73  
Delta R.T. 0.012 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion: 62 Resp: 59591  
Ion Ratio Lower Upper  
62 100  
64 32.2 26.1 39.1

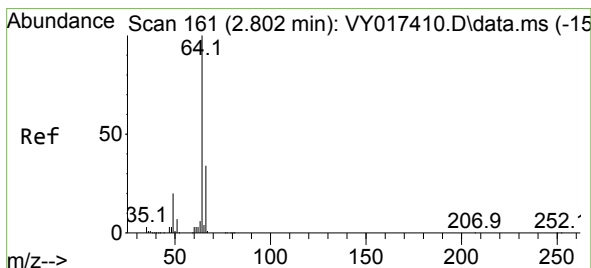
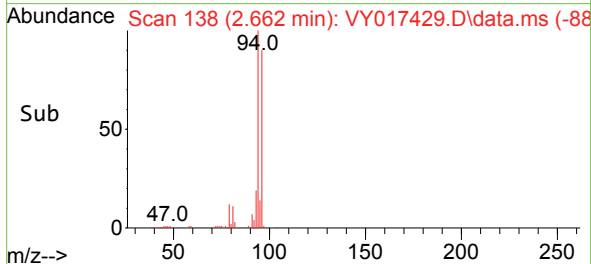
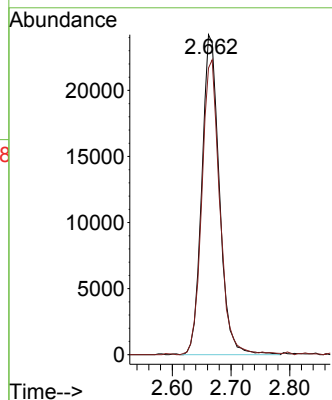
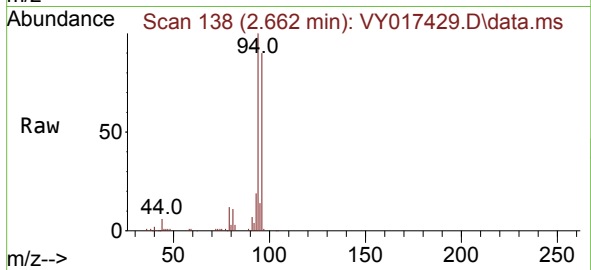




#5  
Bromomethane  
Concen: 20.060 ug/l  
RT: 2.662 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

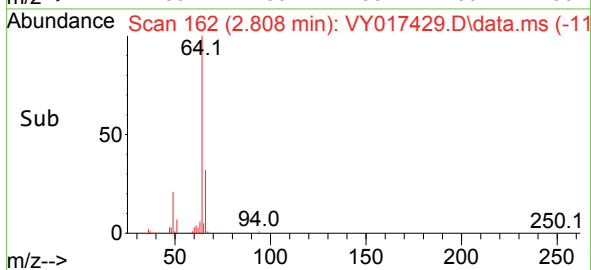
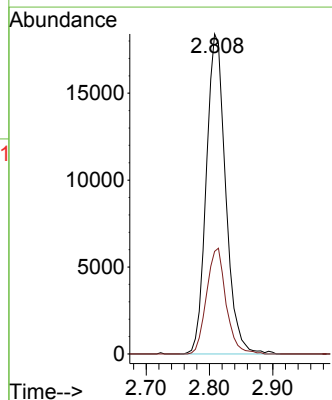
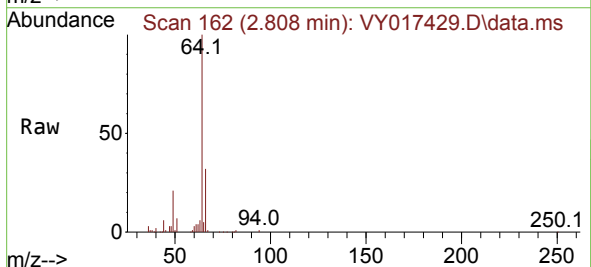
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBSD01

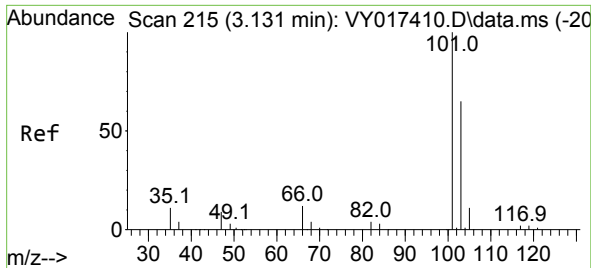
Tgt Ion: 94 Resp: 50244  
Ion Ratio Lower Upper  
94 100  
96 89.6 74.1 111.1



#6  
Chloroethane  
Concen: 19.721 ug/l  
RT: 2.808 min Scan# 162  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion: 64 Resp: 39175  
Ion Ratio Lower Upper  
64 100  
66 32.1 26.1 39.1

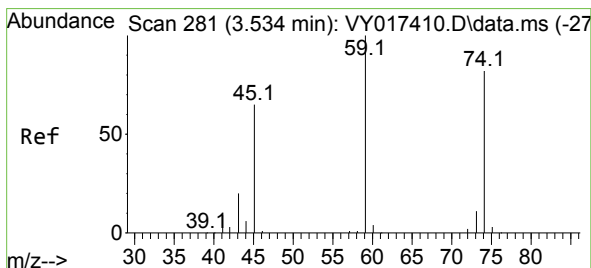
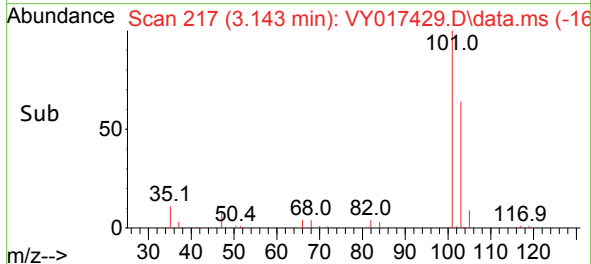
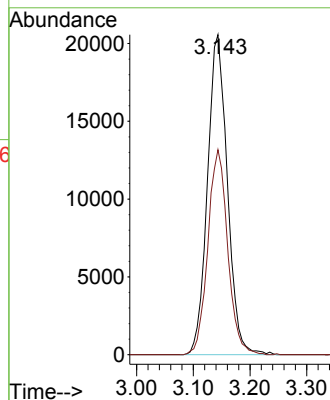
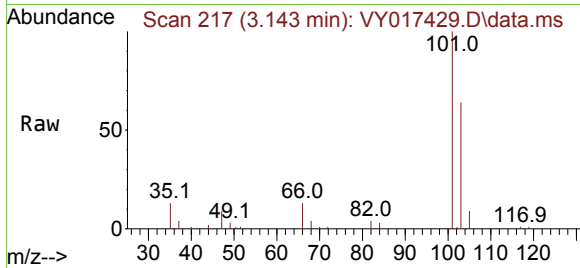




#7  
 Trichlorofluoromethane  
 Concen: 18.748 ug/l  
 RT: 3.143 min Scan# 215  
 Delta R.T. 0.012 min  
 Lab File: VY017429.D  
 Acq: 21 Feb 2024 11:42

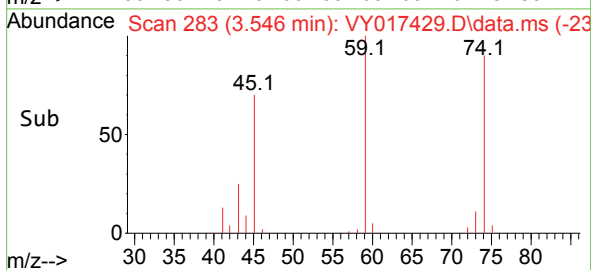
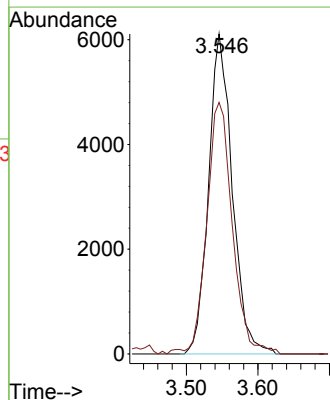
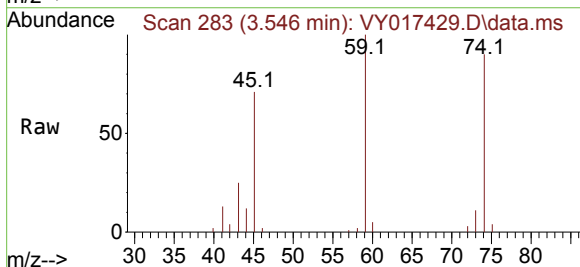
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0221SBS01

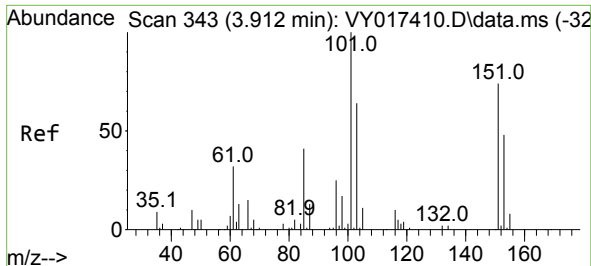
Tgt Ion:101 Resp: 50137  
 Ion Ratio Lower Upper  
 101 100  
 103 64.0 49.3 73.9



#8  
 Diethyl Ether  
 Concen: 18.650 ug/l  
 RT: 3.546 min Scan# 283  
 Delta R.T. 0.012 min  
 Lab File: VY017429.D  
 Acq: 21 Feb 2024 11:42

Tgt Ion: 74 Resp: 14097  
 Ion Ratio Lower Upper  
 74 100  
 45 84.9 41.3 124.1

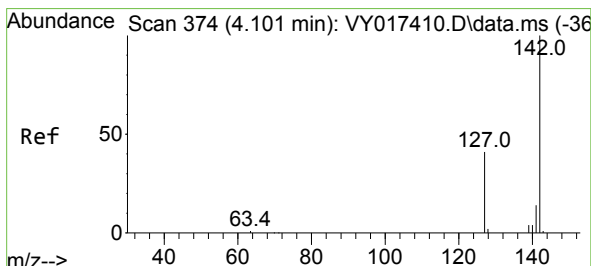
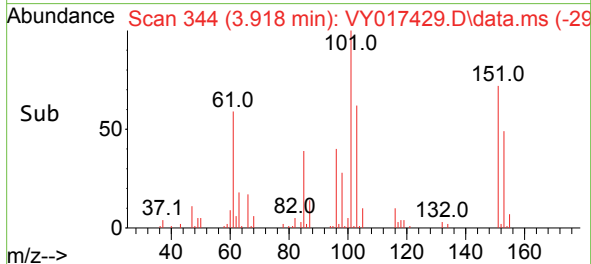
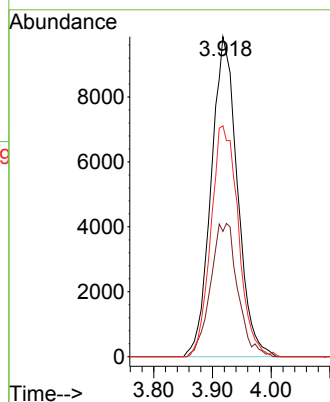
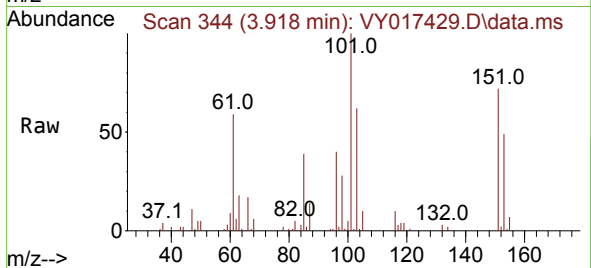




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.802 ug/l  
RT: 3.918 min Scan# 343  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

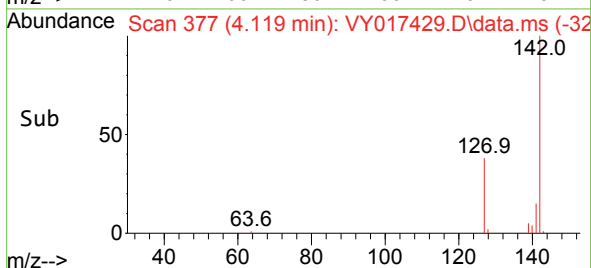
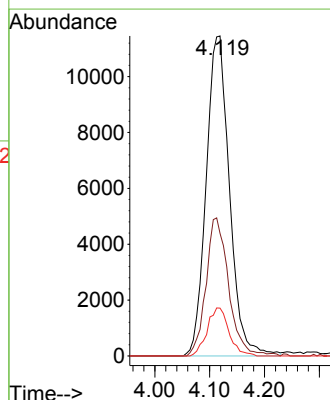
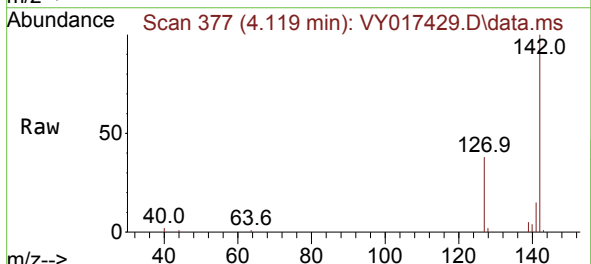
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBS01

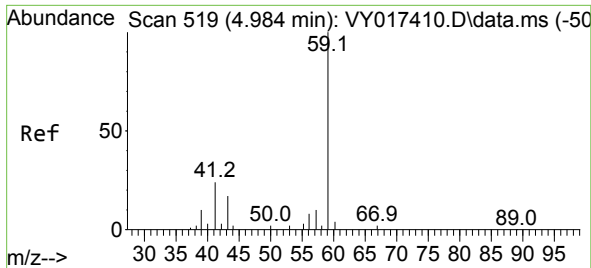
Tgt Ion:101 Resp: 30609  
Ion Ratio Lower Upper  
101 100  
85 43.1 34.5 51.7  
151 75.3 61.7 92.5



#10  
Methyl Iodide  
Concen: 20.569 ug/l  
RT: 4.119 min Scan# 377  
Delta R.T. 0.018 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion:142 Resp: 33836  
Ion Ratio Lower Upper  
142 100  
127 41.8 32.8 49.2  
141 14.0 11.4 17.2

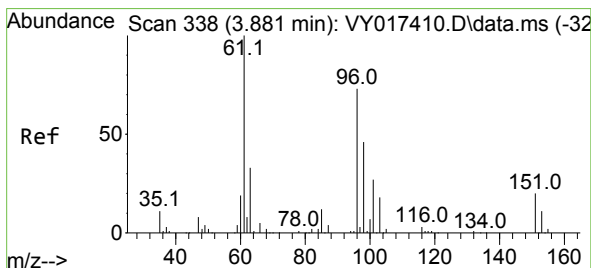
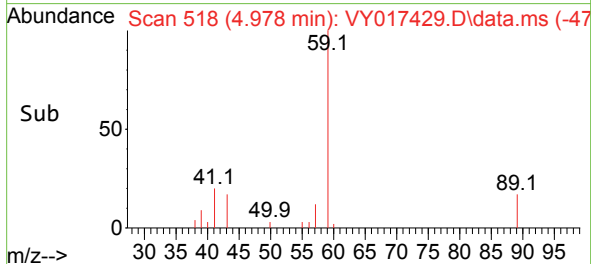
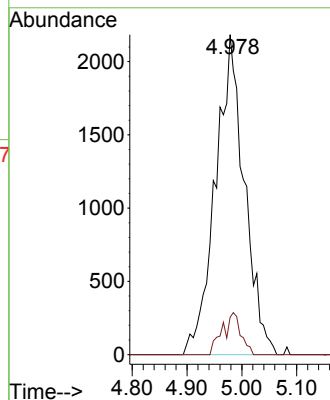
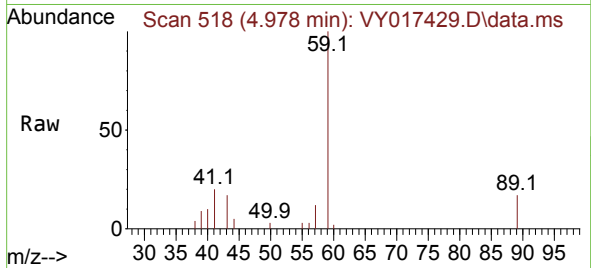




#11  
Tert butyl alcohol  
Concen: 81.804 ug/l  
RT: 4.978 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

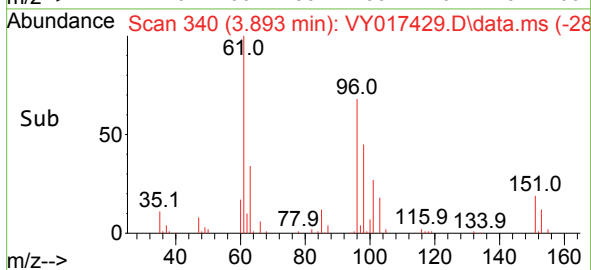
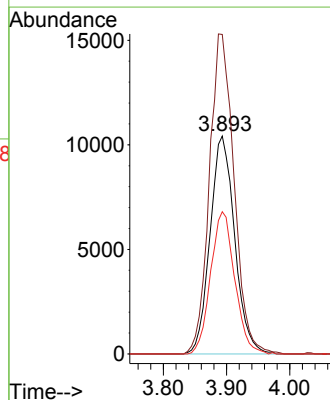
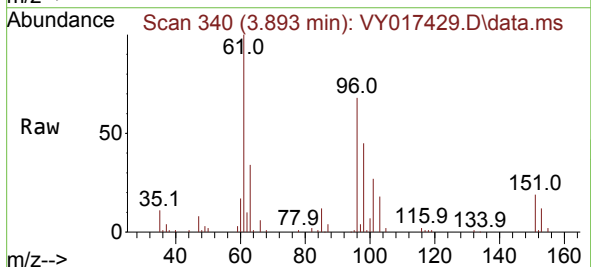
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBS01

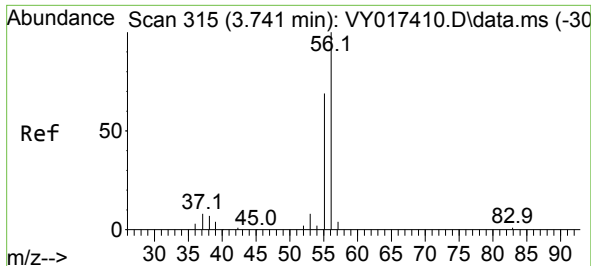
Tgt Ion: 59 Resp: 7997  
Ion Ratio Lower Upper  
59 100  
57 8.4 3.0 4.6#



#12  
1,1-Dichloroethene  
Concen: 19.402 ug/l  
RT: 3.893 min Scan# 340  
Delta R.T. 0.012 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion: 96 Resp: 28189  
Ion Ratio Lower Upper  
96 100  
61 146.7 114.6 171.8  
98 65.3 50.8 76.2

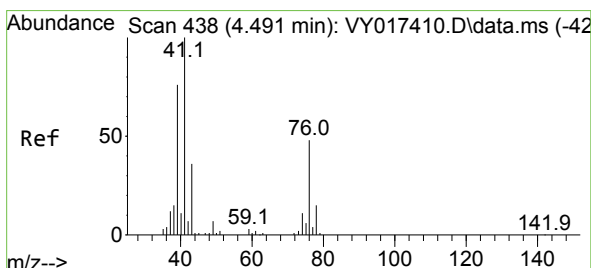
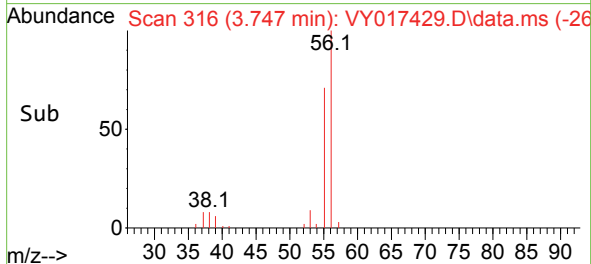
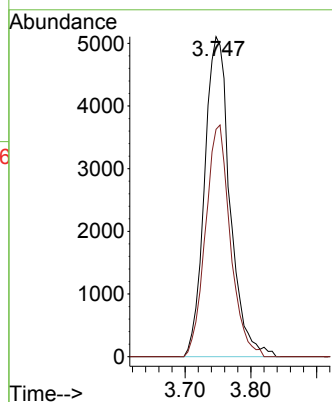
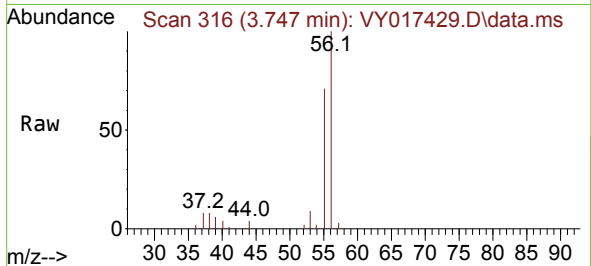




#13  
Acrolein  
Concen: 104.733 ug/l  
RT: 3.747 min Scan# 315  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

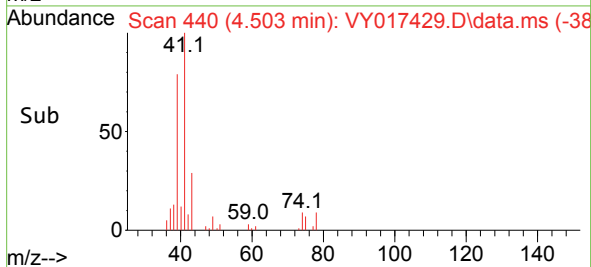
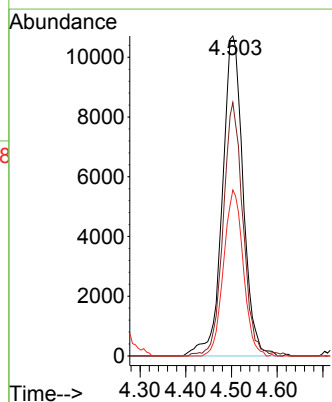
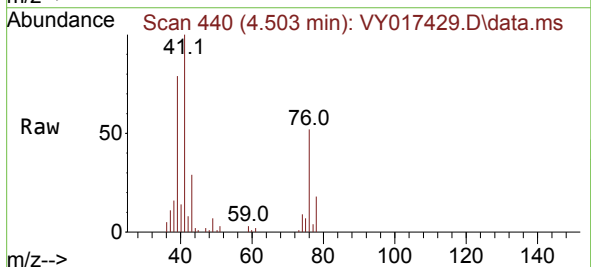
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBS01

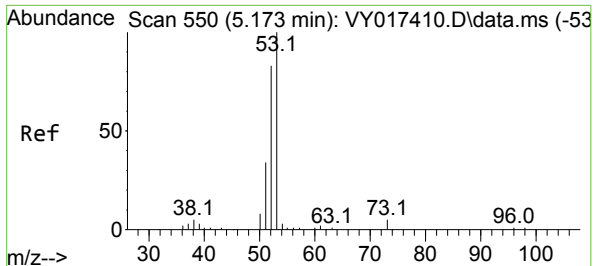
Tgt Ion: 56 Resp: 13701  
Ion Ratio Lower Upper  
56 100  
55 70.7 55.7 83.5



#14  
Allyl chloride  
Concen: 19.160 ug/l  
RT: 4.503 min Scan# 440  
Delta R.T. 0.012 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion: 41 Resp: 33742  
Ion Ratio Lower Upper  
41 100  
39 75.5 58.3 87.5  
76 49.3 39.0 58.6





#15

Acrylonitrile

Concen: 88.466 ug/l

RT: 5.186 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY017429.D

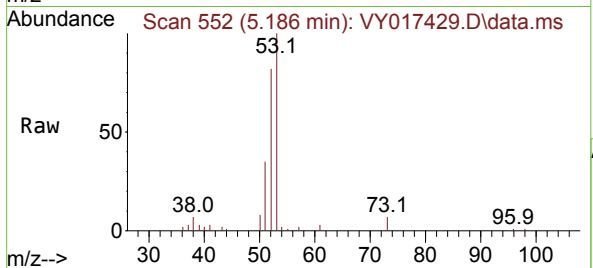
Acq: 21 Feb 2024 11:42

Instrument :

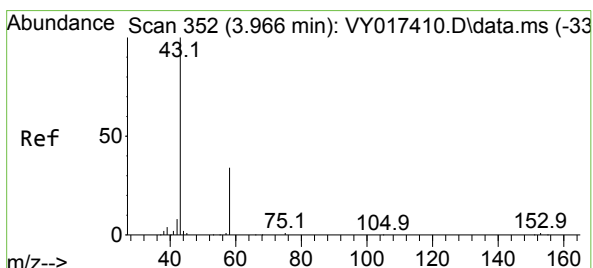
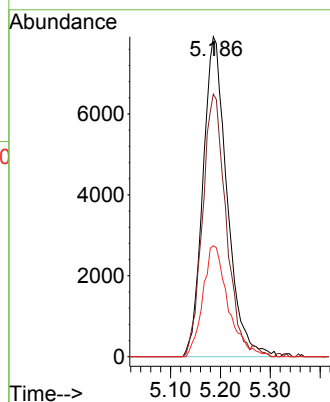
MSVOA\_Y

ClientSampleId :

VY0221SBSD01



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 26585 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 80.7  | 64.7  | 97.1  |
| 51       | 36.4  | 28.4  | 42.6  |



#16

Acetone

Concen: 89.964 ug/l

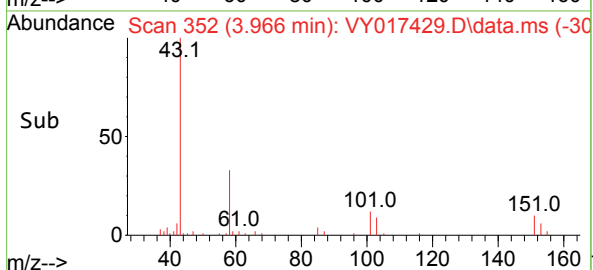
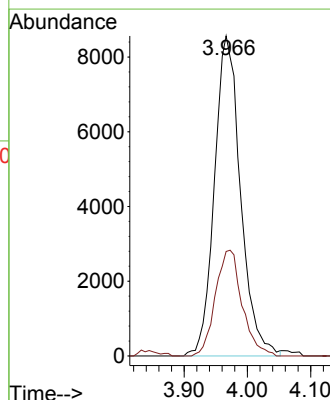
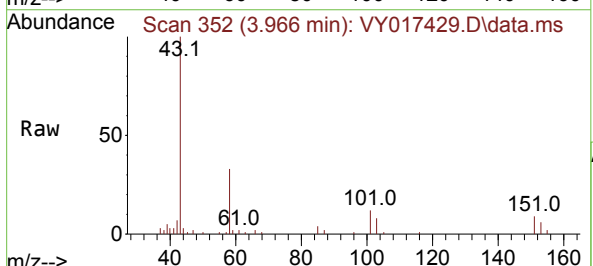
RT: 3.966 min Scan# 352

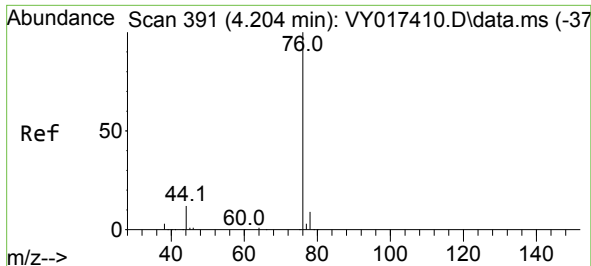
Delta R.T. 0.000 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 24496 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 32.7  | 31.7  | 47.5  |

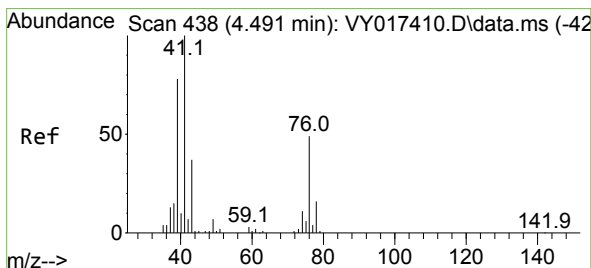
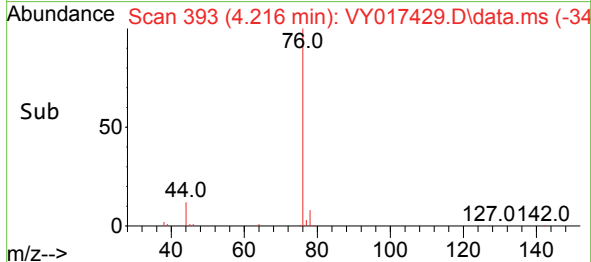
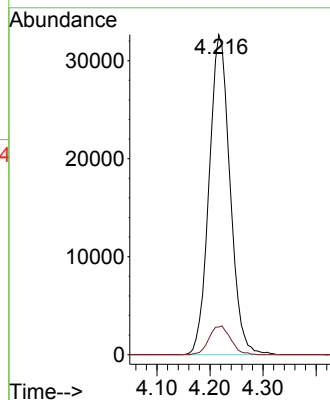
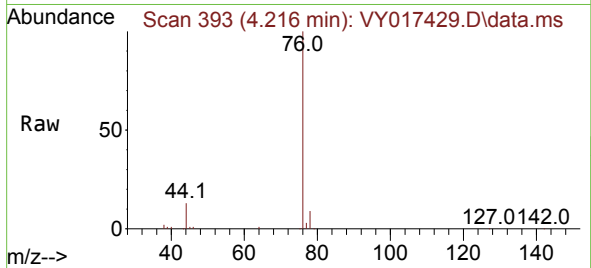




#17  
Carbon Disulfide  
Concen: 19.372 ug/l  
RT: 4.216 min Scan# 391  
Delta R.T. 0.012 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

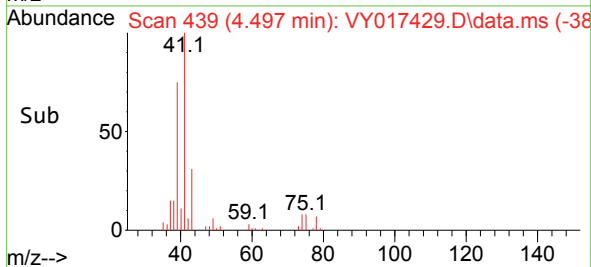
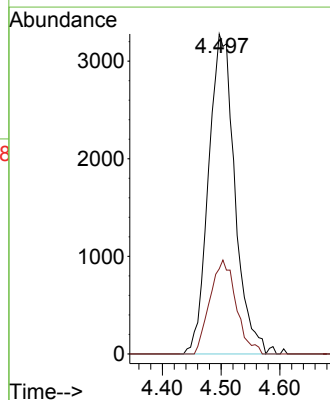
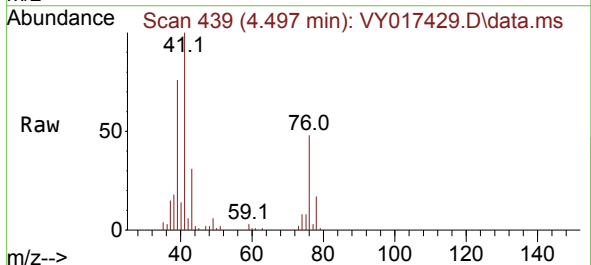
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBSD01

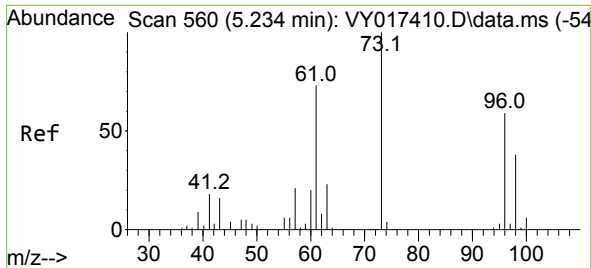
Tgt Ion: 76 Resp: 89417  
Ion Ratio Lower Upper  
76 100  
78 8.7 6.8 10.2



#18  
Methyl Acetate  
Concen: 16.529 ug/l  
RT: 4.497 min Scan# 439  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion: 43 Resp: 10206  
Ion Ratio Lower Upper  
43 100  
74 29.2 23.3 34.9

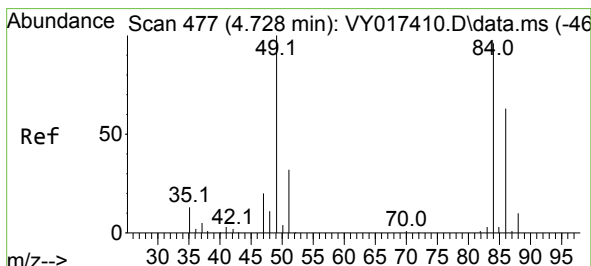
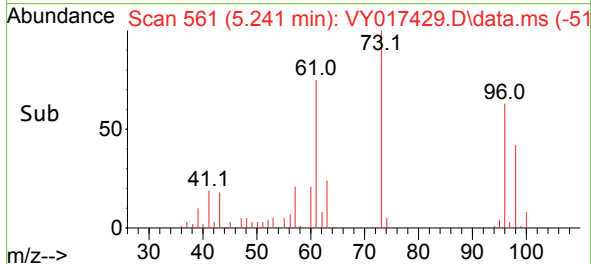
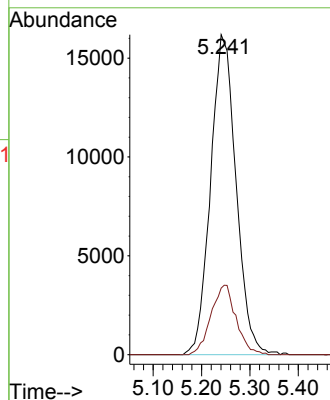
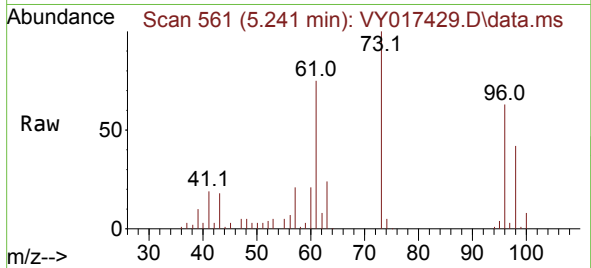




#19  
Methyl tert-butyl Ether  
Concen: 18.044 ug/l  
RT: 5.241 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

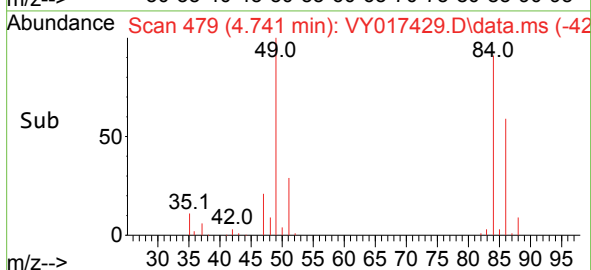
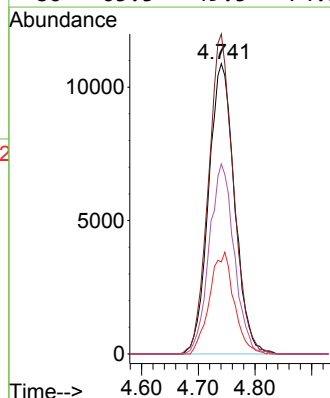
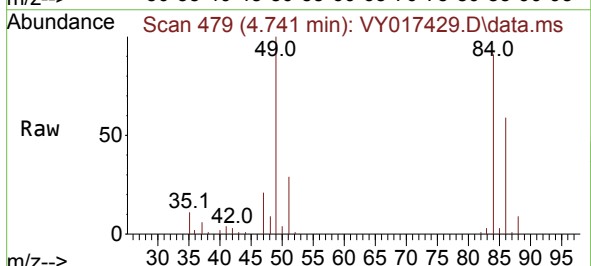
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBS01

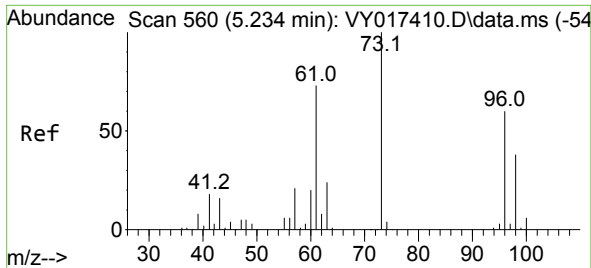
Tgt Ion: 73 Resp: 59218  
Ion Ratio Lower Upper  
73 100  
57 20.8 17.3 25.9



#20  
Methylene Chloride  
Concen: 16.606 ug/l  
RT: 4.741 min Scan# 479  
Delta R.T. 0.013 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion: 84 Resp: 34554  
Ion Ratio Lower Upper  
84 100  
49 110.3 84.4 126.6  
51 31.7 26.0 39.0  
86 65.5 49.5 74.3

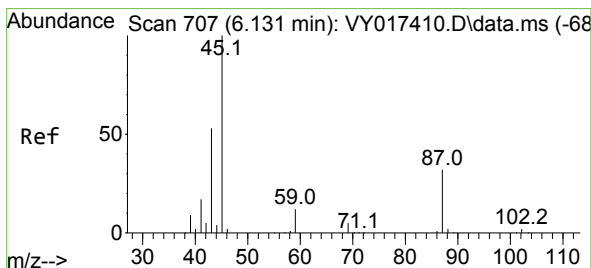
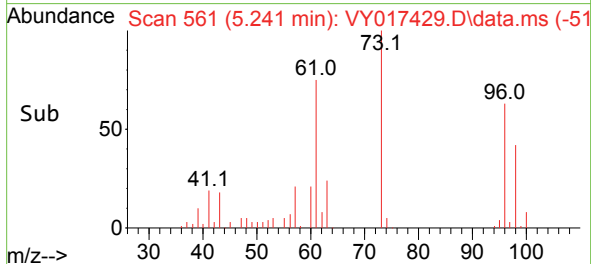
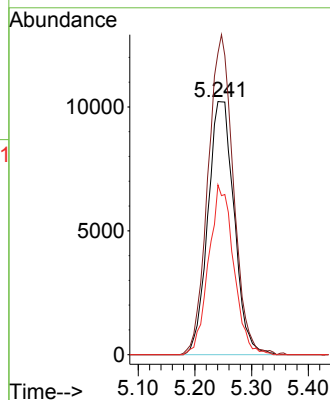
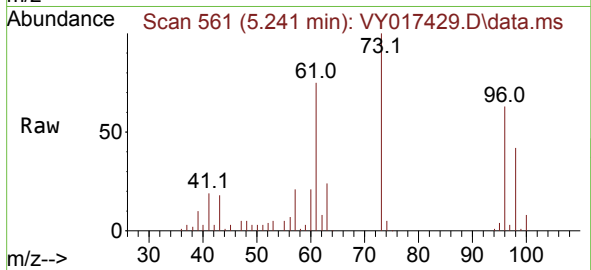




#21  
trans-1,2-Dichloroethene  
Concen: 19.559 ug/l  
RT: 5.241 min Scan# 509  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

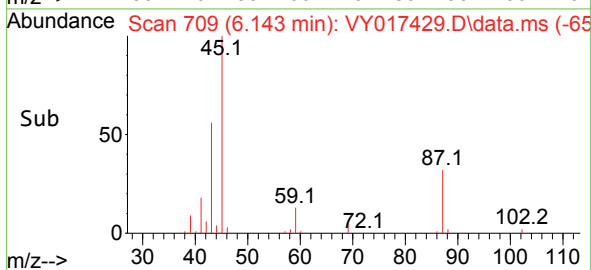
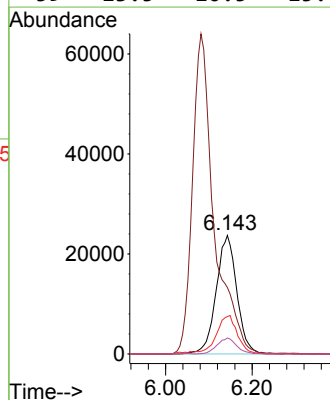
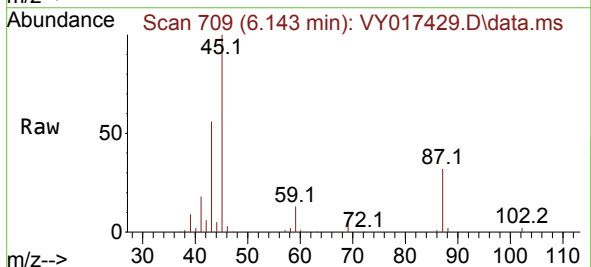
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBS01

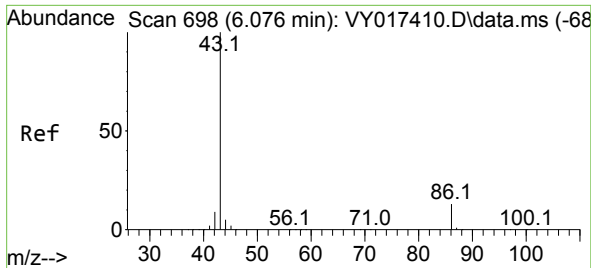
Tgt Ion: 96 Resp: 32868  
Ion Ratio Lower Upper  
96 100  
61 119.2 97.5 146.3  
98 67.1 50.5 75.7



#22  
Diisopropyl ether  
Concen: 19.361 ug/l  
RT: 6.143 min Scan# 709  
Delta R.T. 0.012 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion: 45 Resp: 78419  
Ion Ratio Lower Upper  
45 100  
43 55.4 42.2 63.2  
87 31.6 25.0 37.6  
59 13.5 10.5 15.7





#23

Vinyl Acetate

Concen: 91.894 ug/l

RT: 6.082 min Scan# 699

Delta R.T. 0.006 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

Instrument :

MSVOA\_Y

ClientSampleId :

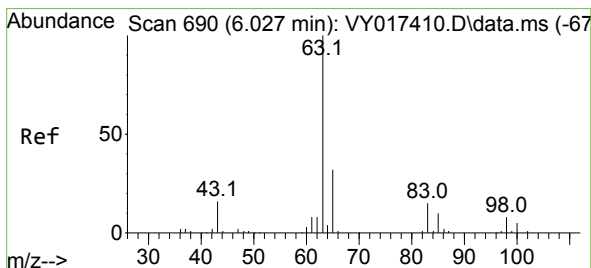
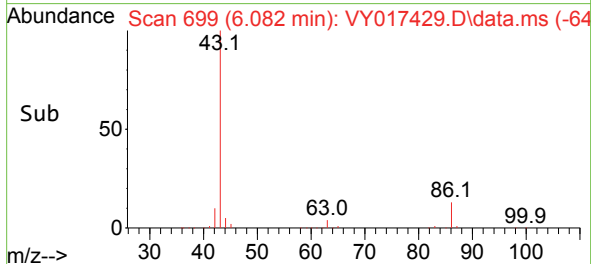
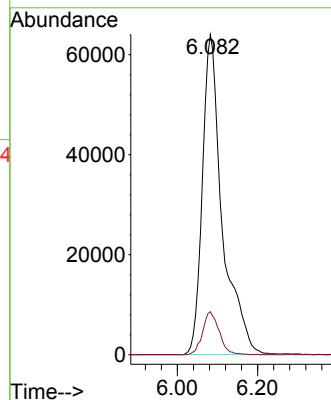
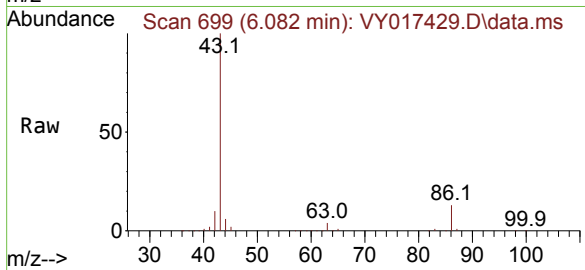
VY0221SBS01

Tgt Ion: 43 Resp: 221201

Ion Ratio Lower Upper

43 100

86 13.4 10.6 16.0



#24

1,1-Dichloroethane

Concen: 19.733 ug/l

RT: 6.045 min Scan# 693

Delta R.T. 0.018 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

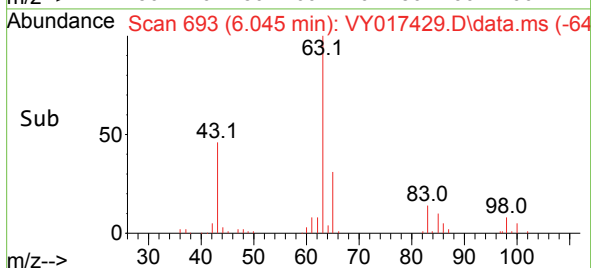
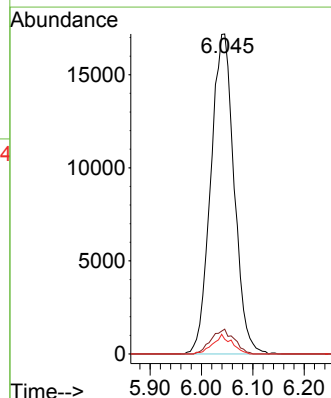
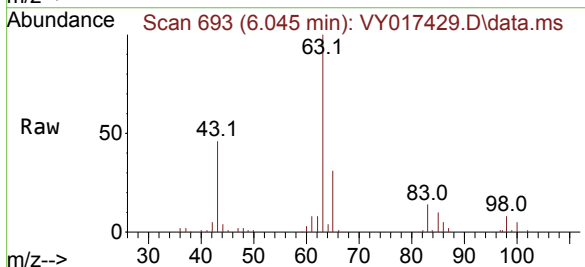
Tgt Ion: 63 Resp: 54186

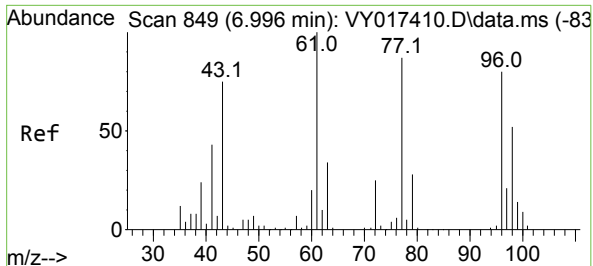
Ion Ratio Lower Upper

63 100

98 7.7 4.0 12.2

100 4.6 2.6 8.0





#25

2-Butanone

Concen: 87.636 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

Instrument :

MSVOA\_Y

ClientSampleId :

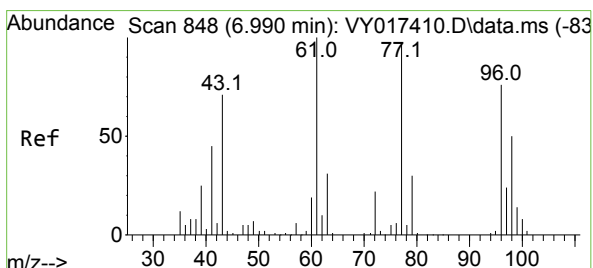
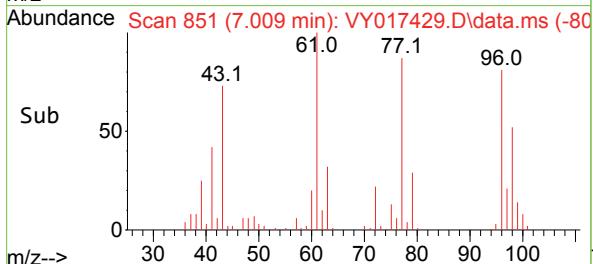
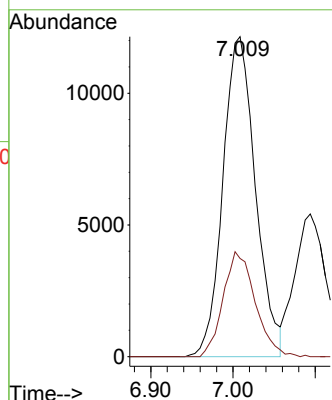
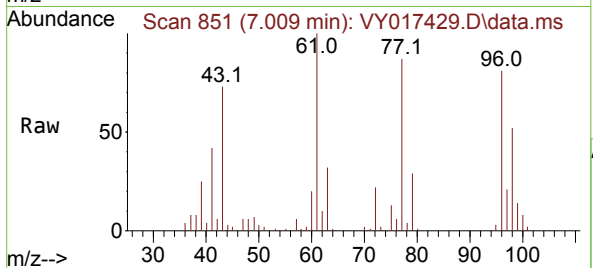
VY0221SBS01

Tgt Ion: 43 Resp: 33495

Ion Ratio Lower Upper

43 100

72 30.7 27.3 40.9



#26

2,2-Dichloropropane

Concen: 19.648 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY017429.D

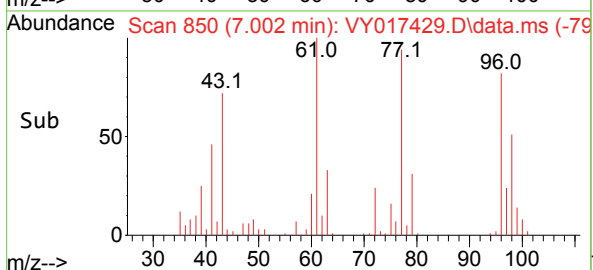
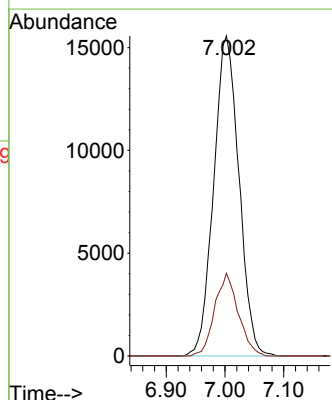
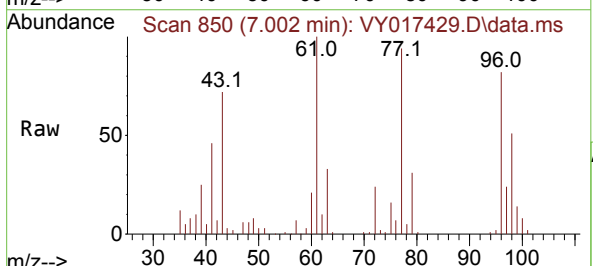
Acq: 21 Feb 2024 11:42

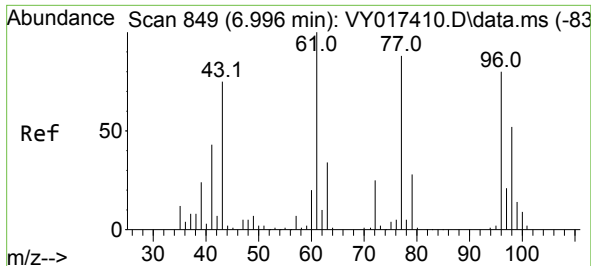
Tgt Ion: 77 Resp: 46426

Ion Ratio Lower Upper

77 100

97 24.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.495 ug/l

RT: 7.002 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

Instrument :

MSVOA\_Y

ClientSampleId :

VY0221SBSD01

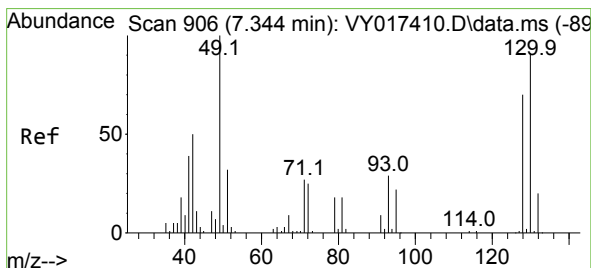
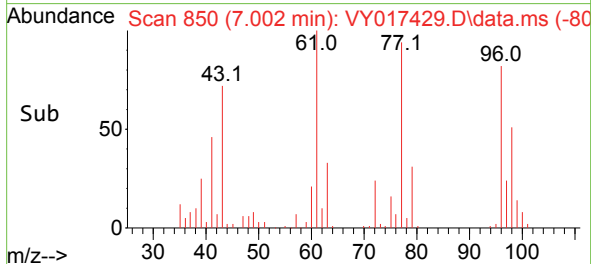
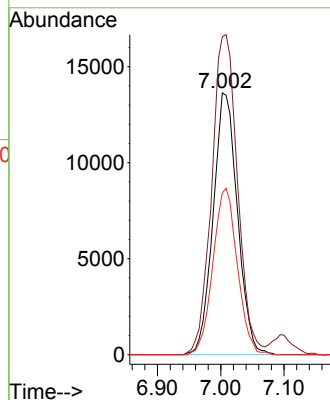
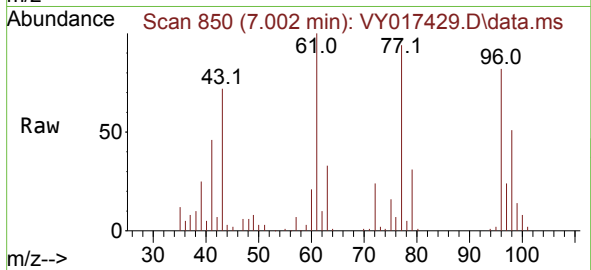
Tgt Ion: 96 Resp: 36386

Ion Ratio Lower Upper

96 100

61 129.9 0.0 256.2

98 63.8 0.0 130.0



#28

Bromochloromethane

Concen: 21.269 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

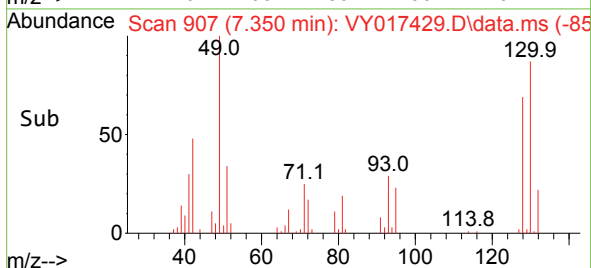
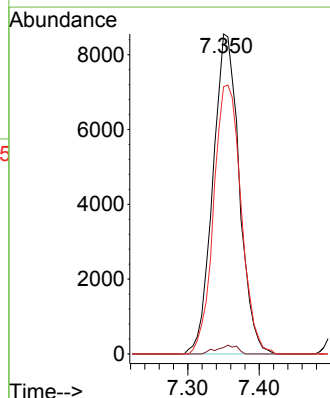
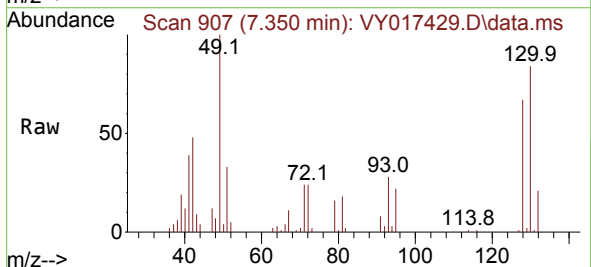
Tgt Ion: 49 Resp: 21914

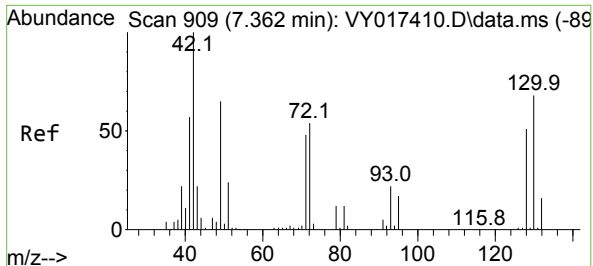
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 87.6 72.7 109.1





#29

Tetrahydrofuran

Concen: 86.629 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

Instrument :

MSVOA\_Y

ClientSampleId :

VY0221SBS01

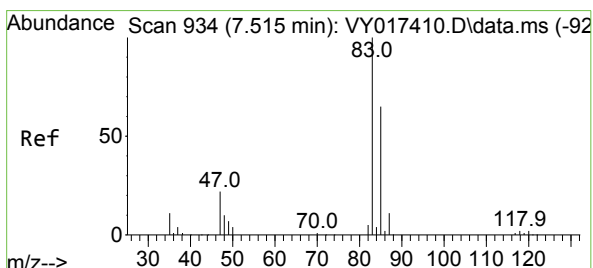
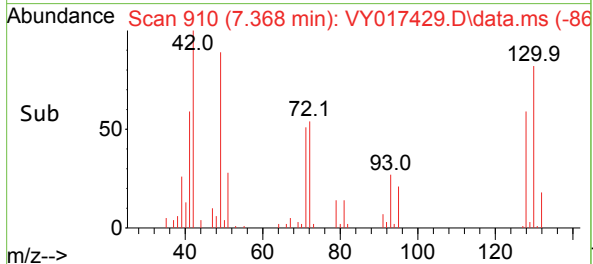
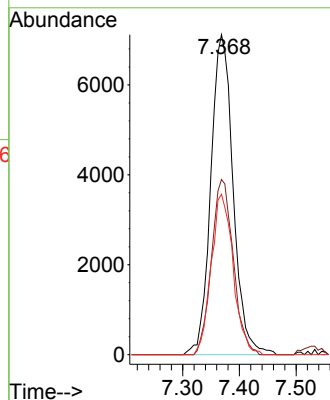
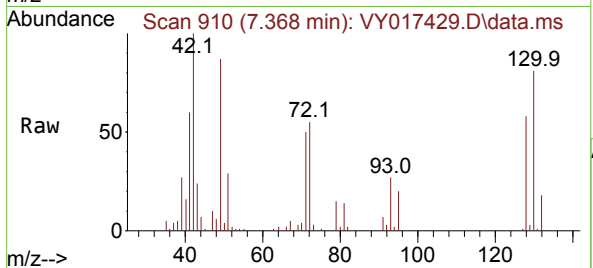
Tgt Ion: 42 Resp: 19464

Ion Ratio Lower Upper

42 100

72 53.4 43.0 64.4

71 49.3 40.8 61.2



#30

Chloroform

Concen: 19.934 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.012 min

Lab File: VY017429.D

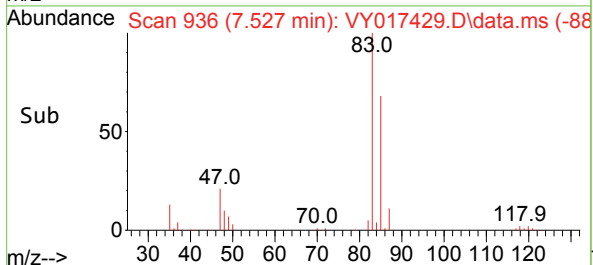
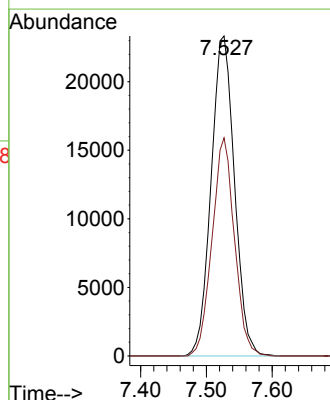
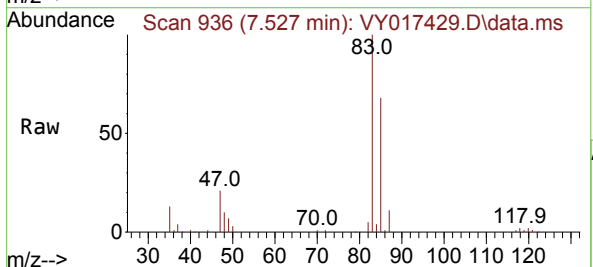
Acq: 21 Feb 2024 11:42

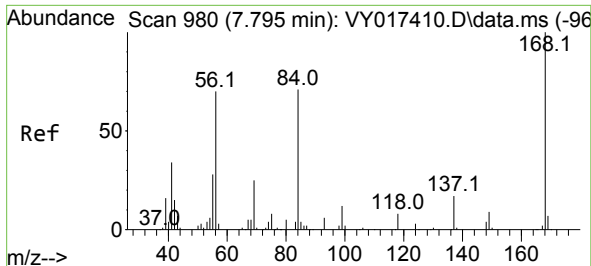
Tgt Ion: 83 Resp: 57785

Ion Ratio Lower Upper

83 100

85 68.1 52.2 78.4

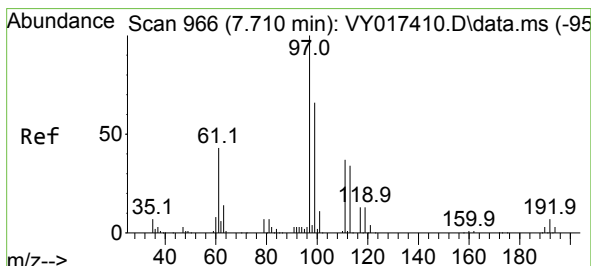
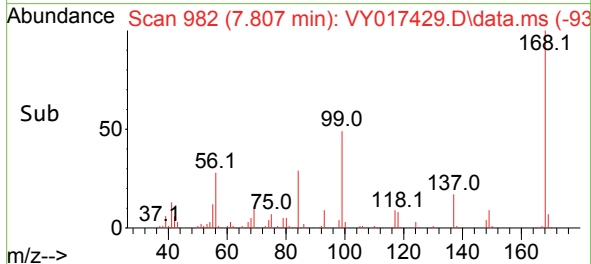
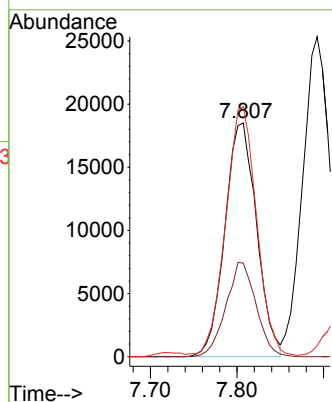
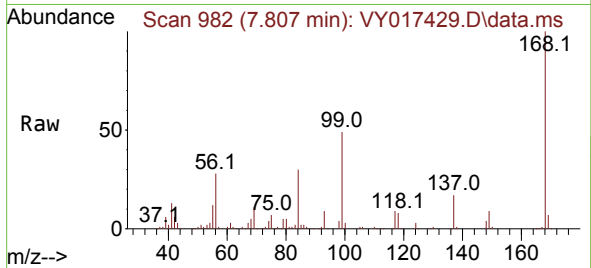




#31  
Cyclohexane  
Concen: 18.950 ug/l  
RT: 7.807 min Scan# 980  
Delta R.T. 0.012 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

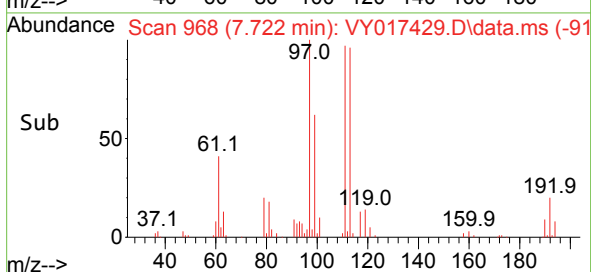
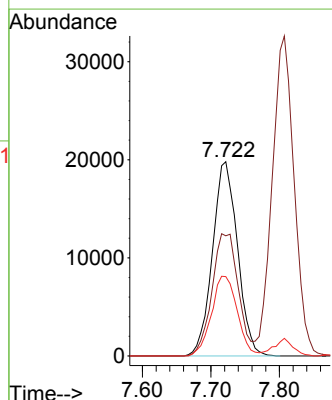
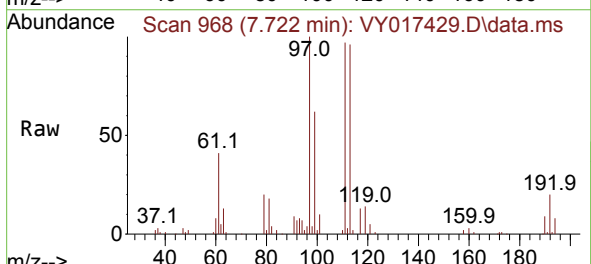
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBS01

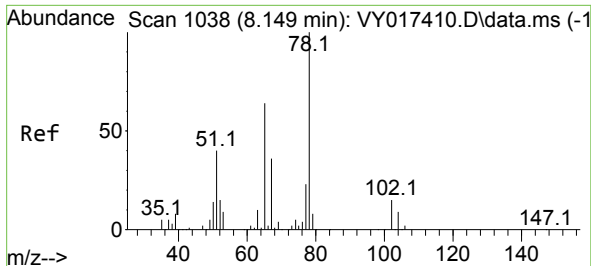
Tgt Ion: 56 Resp: 47166  
Ion Ratio Lower Upper  
56 100  
69 40.1 28.7 43.1  
84 105.4 77.7 116.5



#32  
1,1,1-Trichloroethane  
Concen: 19.600 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. 0.012 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion: 97 Resp: 50183  
Ion Ratio Lower Upper  
97 100  
99 65.7 50.3 75.5  
61 42.4 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 46.630 ug/l

RT: 8.161 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

Instrument :

MSVOA\_Y

ClientSampleId :

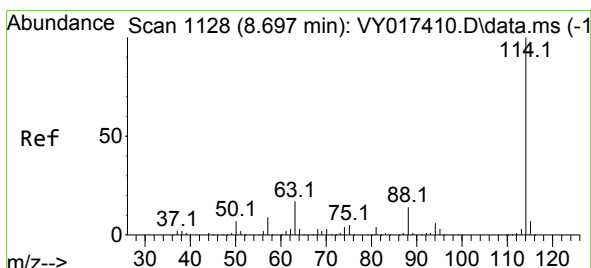
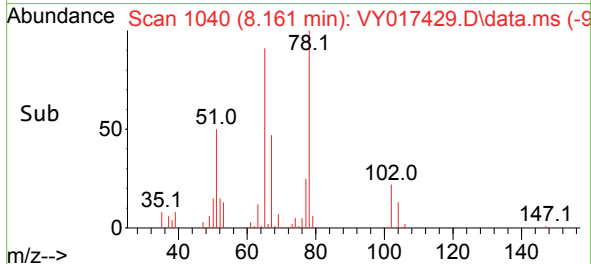
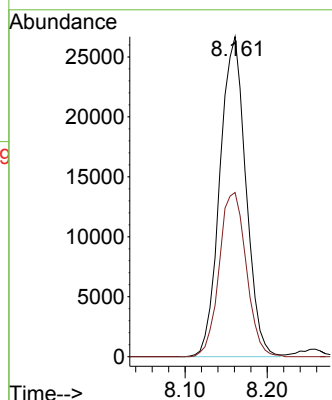
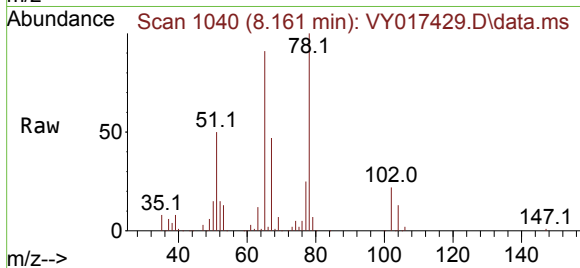
VY0221SBS01

Tgt Ion: 65 Resp: 58626

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

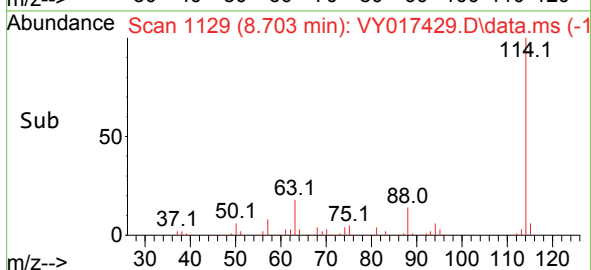
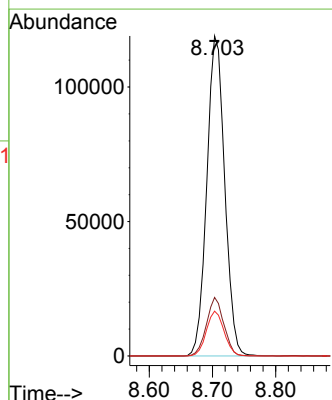
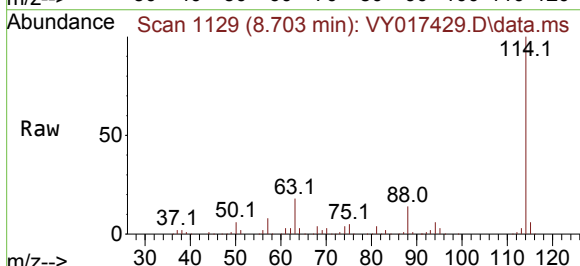
Tgt Ion:114 Resp: 234231

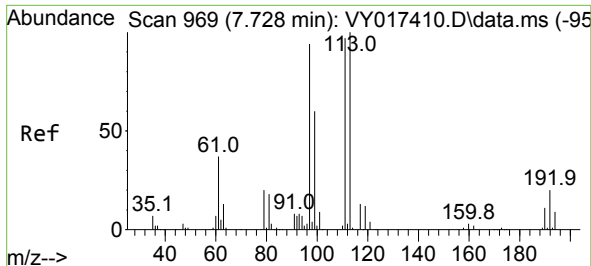
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 14.0 0.0 27.2

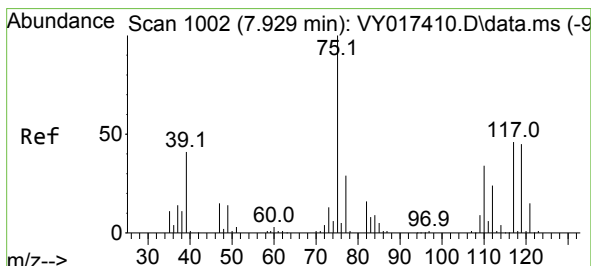
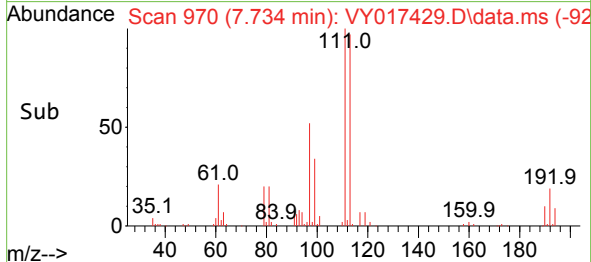
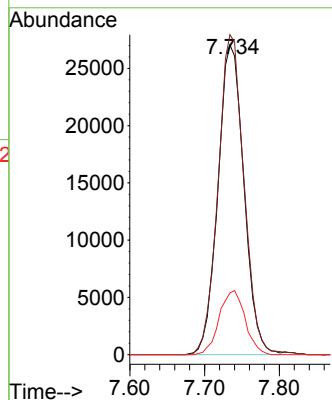
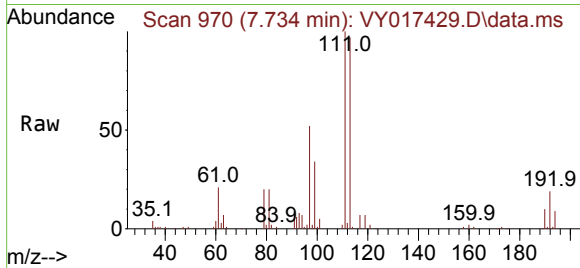




#35  
Dibromofluoromethane  
Concen: 47.690 ug/l  
RT: 7.734 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

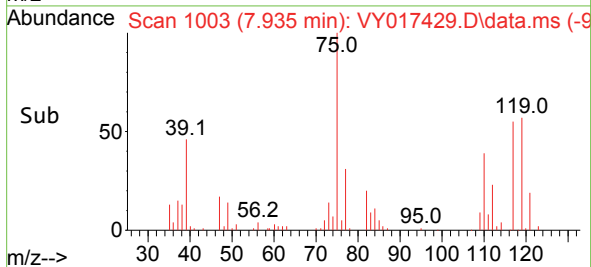
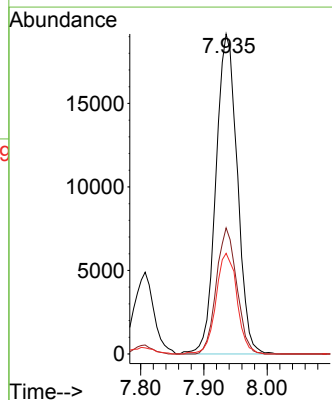
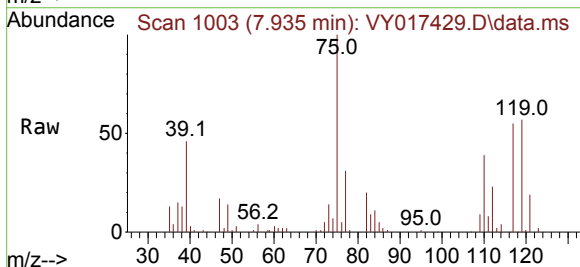
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBSD01

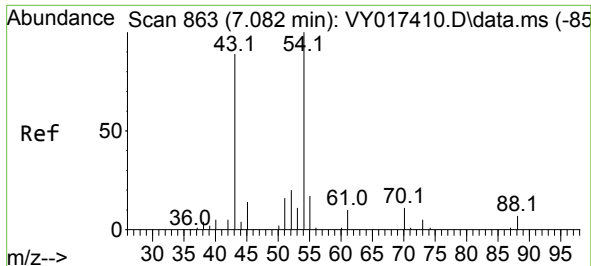
Tgt Ion:113 Resp: 65388  
Ion Ratio Lower Upper  
113 100  
111 102.9 82.2 123.4  
192 20.6 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 19.627 ug/l  
RT: 7.935 min Scan# 1003  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion: 75 Resp: 44944  
Ion Ratio Lower Upper  
75 100  
110 37.6 19.0 57.0  
77 31.0 25.3 37.9

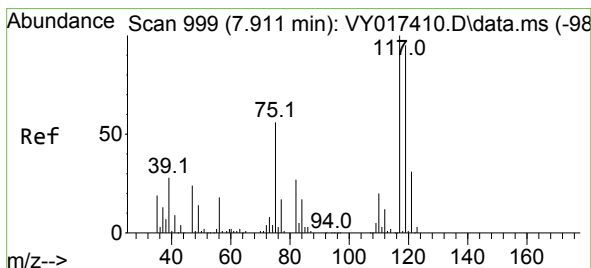
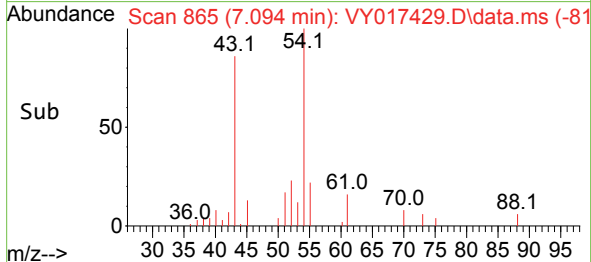
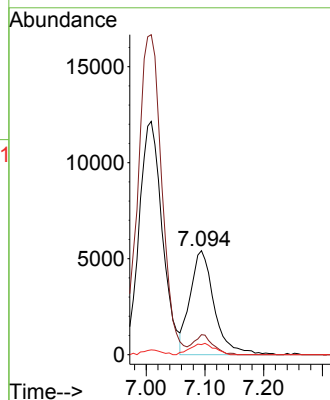
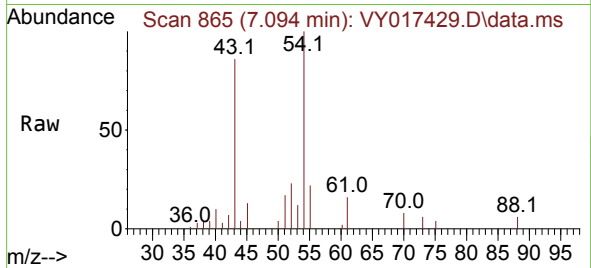




#37  
Ethyl Acetate  
Concen: 18.469 ug/l  
RT: 7.094 min Scan# 80  
Delta R.T. 0.012 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

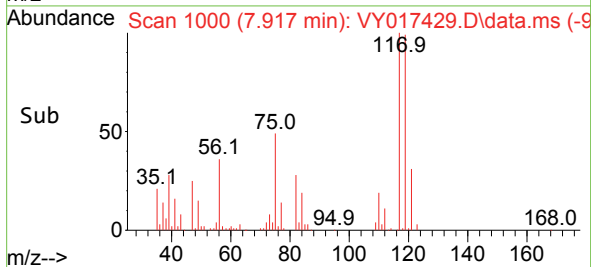
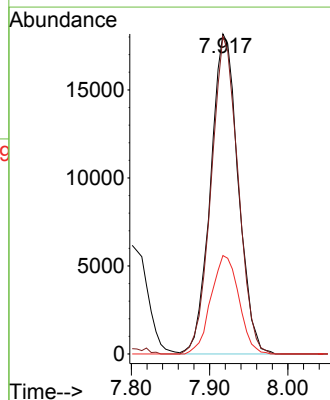
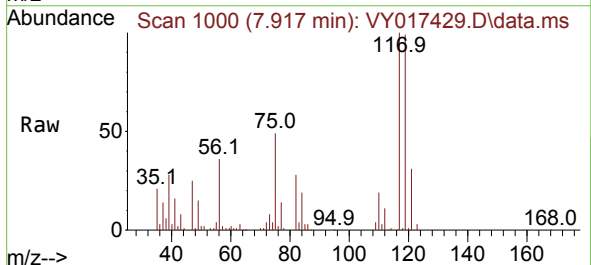
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBSD01

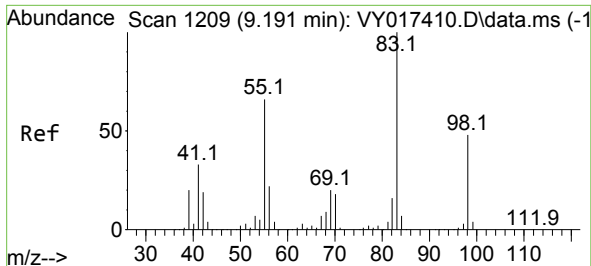
Tgt Ion: 43 Resp: 15400  
Ion Ratio Lower Upper  
43 100  
61 15.3 12.6 19.0  
70 10.8 7.8 11.8



#38  
Carbon Tetrachloride  
Concen: 19.523 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion: 117 Resp: 44510  
Ion Ratio Lower Upper  
117 100  
119 99.2 75.8 113.6  
121 30.7 24.0 36.0





#39

Methylcyclohexane

Concen: 19.157 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

Instrument :

MSVOA\_Y

ClientSampleId :

VY0221SBSD01

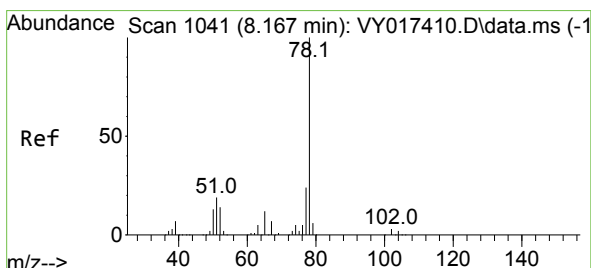
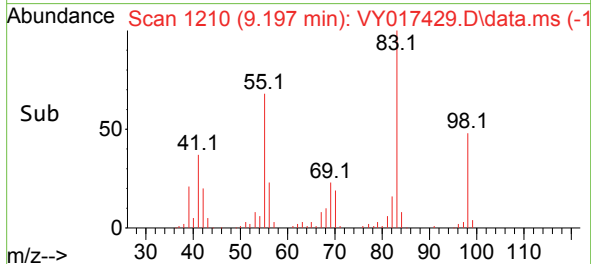
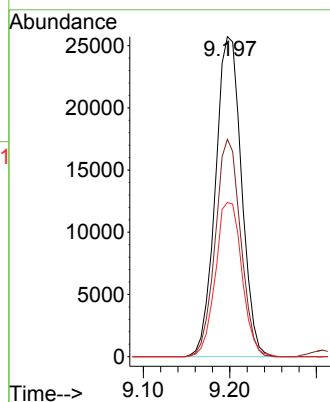
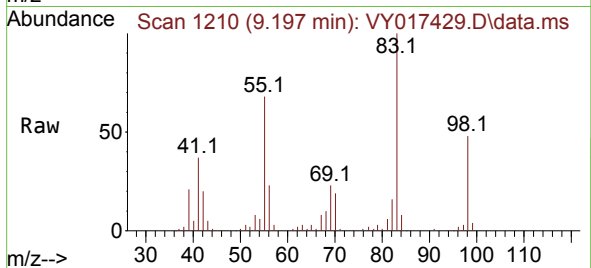
Tgt Ion: 83 Resp: 53699

Ion Ratio Lower Upper

83 100

55 68.0 51.5 77.3

98 48.2 40.5 60.7



#40

Benzene

Concen: 19.684 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.012 min

Lab File: VY017429.D

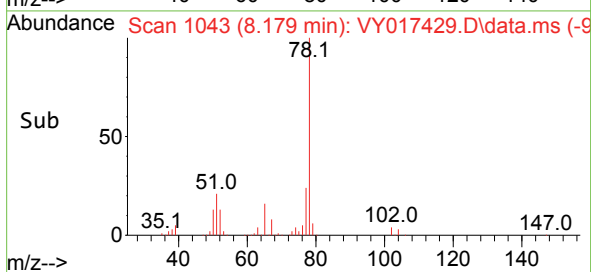
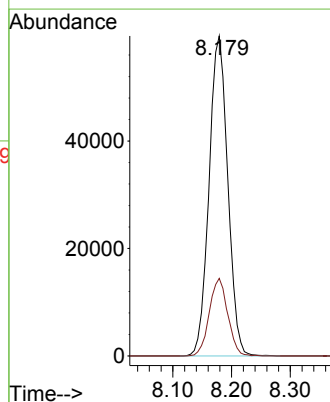
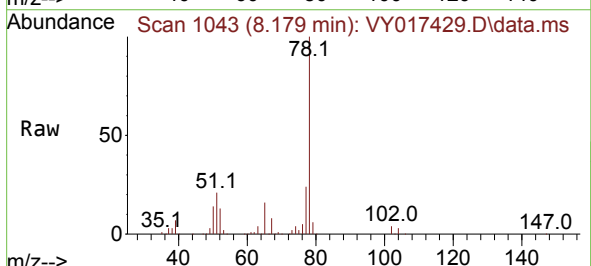
Acq: 21 Feb 2024 11:42

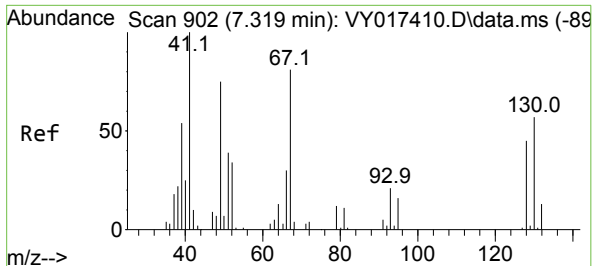
Tgt Ion: 78 Resp: 131694

Ion Ratio Lower Upper

78 100

77 24.3 19.5 29.3

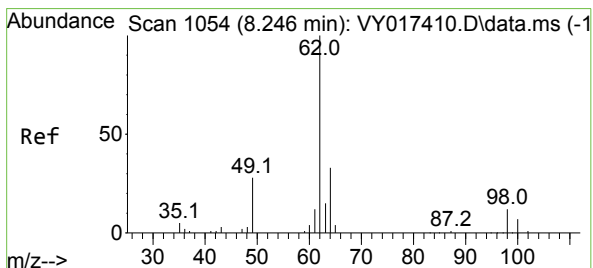
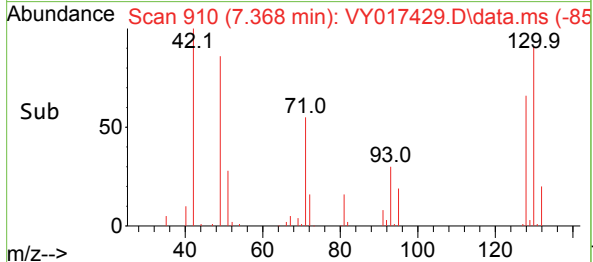
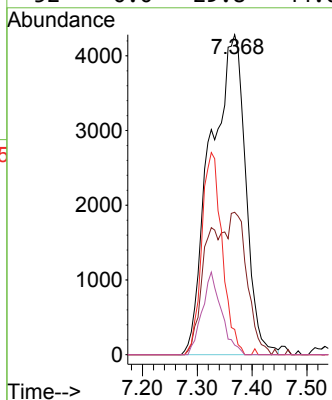
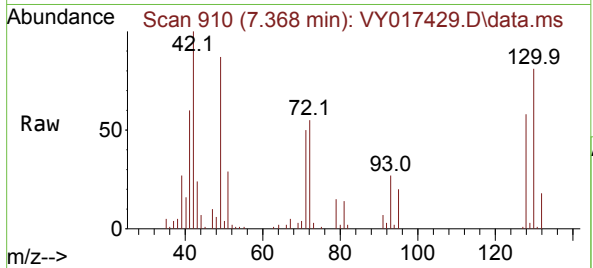




#41  
Methacrylonitrile  
Concen: 46.679 ug/l  
RT: 7.368 min Scan# 910  
Delta R.T. 0.049 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

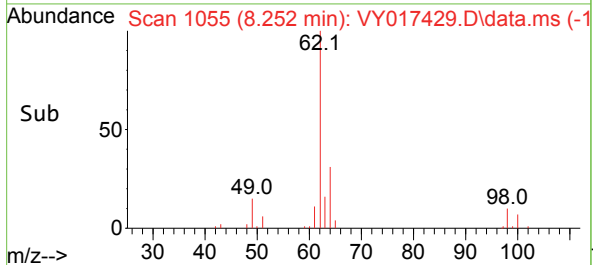
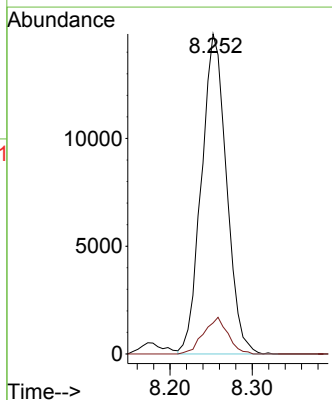
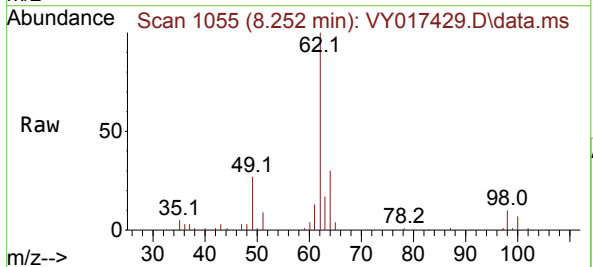
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBSD01

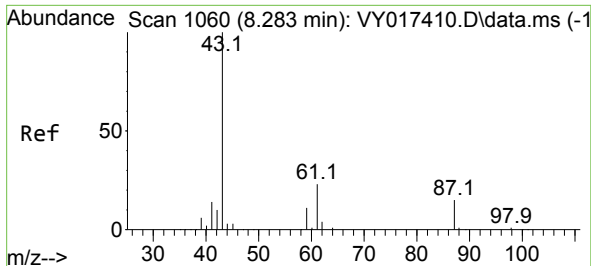
Tgt Ion: 41 Resp: 19008  
Ion Ratio Lower Upper  
41 100  
39 0.0 48.0 72.0#  
67 0.0 75.1 112.7#  
52 0.0 29.8 44.6#



#42  
1,2-Dichloroethane  
Concen: 19.367 ug/l  
RT: 8.252 min Scan# 1055  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion: 62 Resp: 31452  
Ion Ratio Lower Upper  
62 100  
98 11.1 0.0 22.0

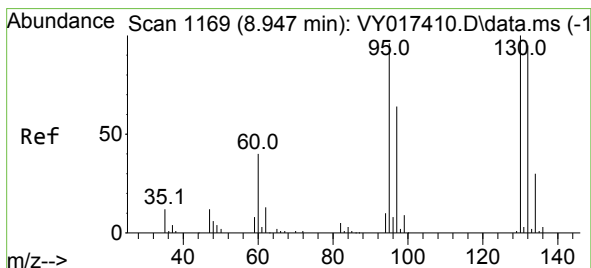
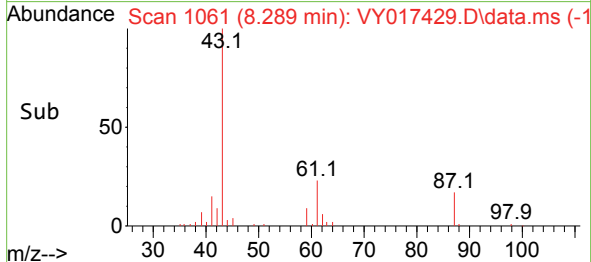
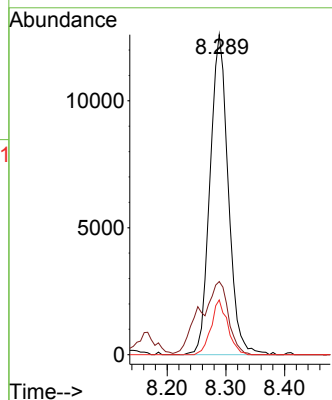
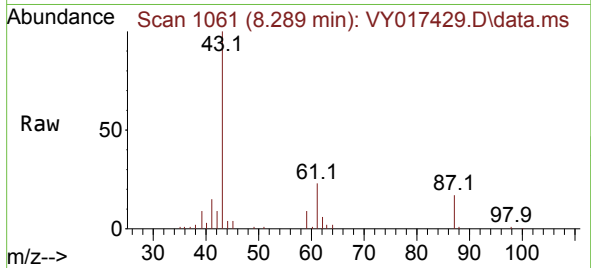




#43  
Isopropyl Acetate  
Concen: 18.004 ug/l  
RT: 8.289 min Scan# 1170  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

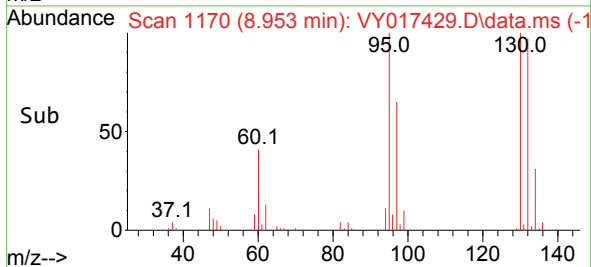
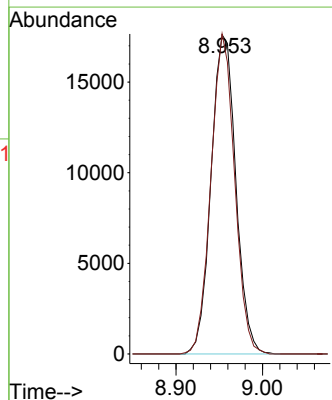
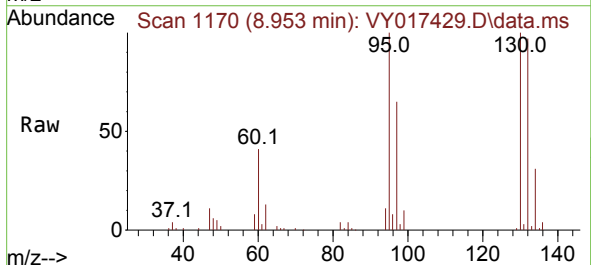
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBSD01

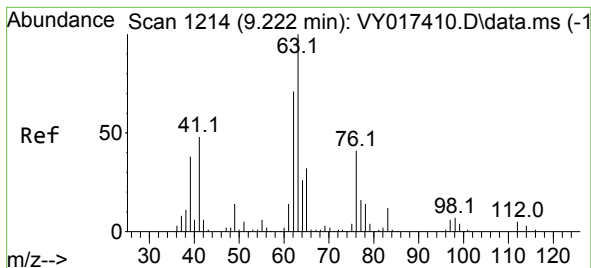
Tgt Ion: 43 Resp: 27128  
Ion Ratio Lower Upper  
43 100  
61 23.2 27.9 41.9#  
87 15.6 13.1 19.7



#44  
Trichloroethene  
Concen: 19.229 ug/l  
RT: 8.953 min Scan# 1170  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion:130 Resp: 34872  
Ion Ratio Lower Upper  
130 100  
95 100.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 19.468 ug/l

RT: 9.228 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

Instrument :

MSVOA\_Y

ClientSampleId :

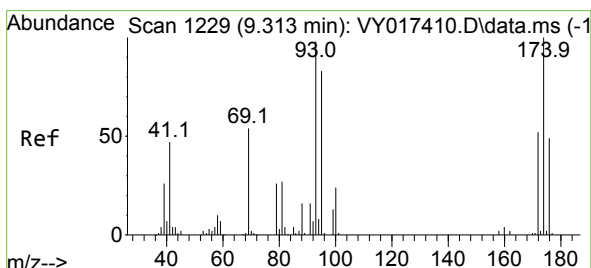
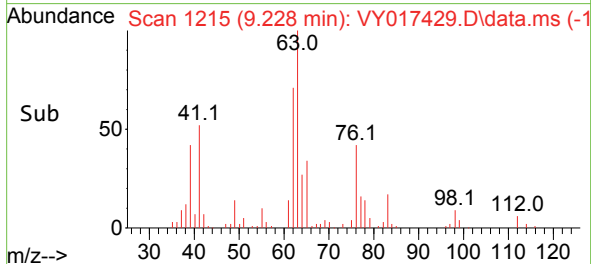
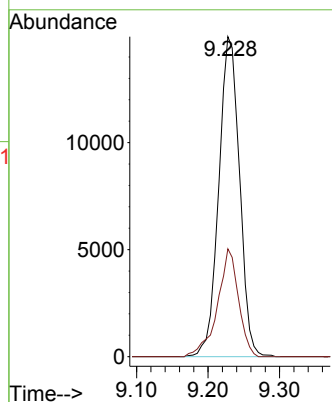
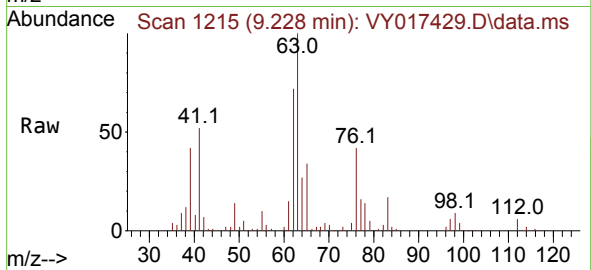
VY0221SBS01

Tgt Ion: 63 Resp: 30109

Ion Ratio Lower Upper

63 100

65 33.7 25.4 38.2



#46

Dibromomethane

Concen: 18.446 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

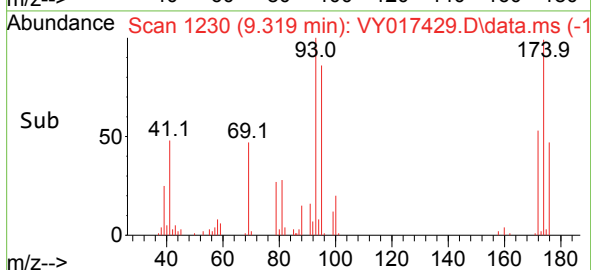
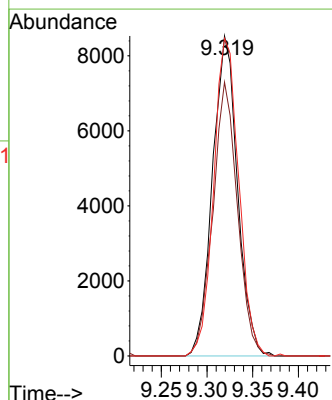
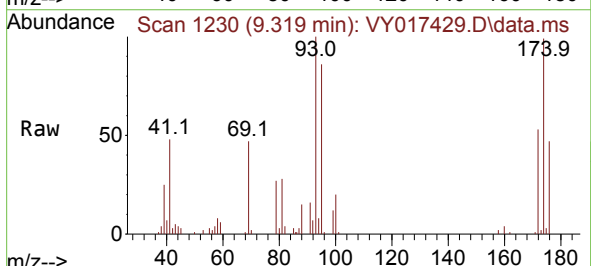
Tgt Ion: 93 Resp: 16215

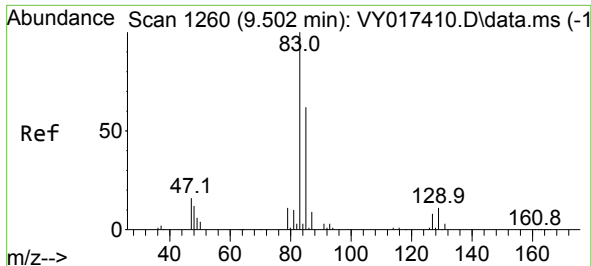
Ion Ratio Lower Upper

93 100

95 84.2 66.2 99.4

174 99.4 80.9 121.3

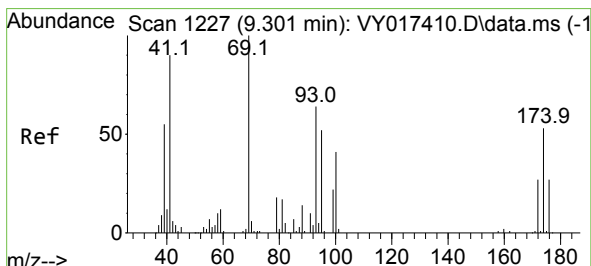
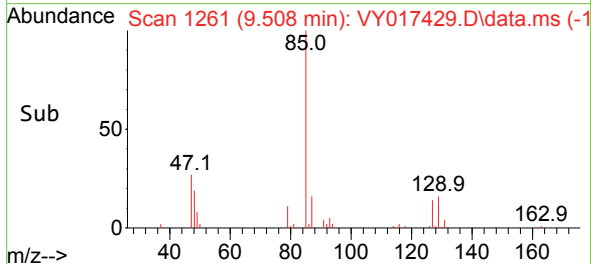
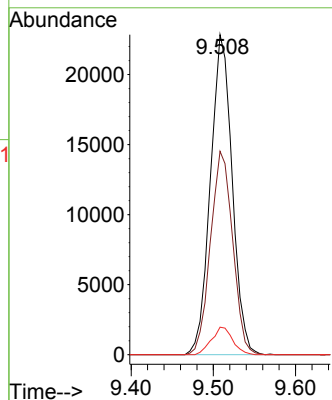
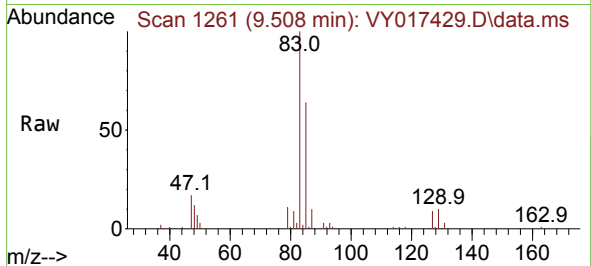




#47  
Bromodichloromethane  
Concen: 19.389 ug/l  
RT: 9.508 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

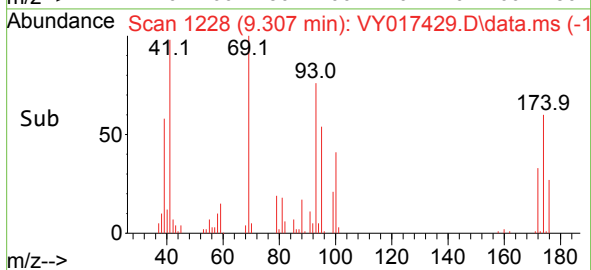
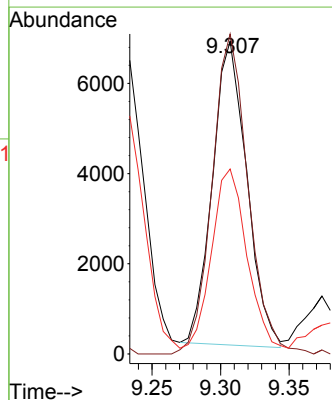
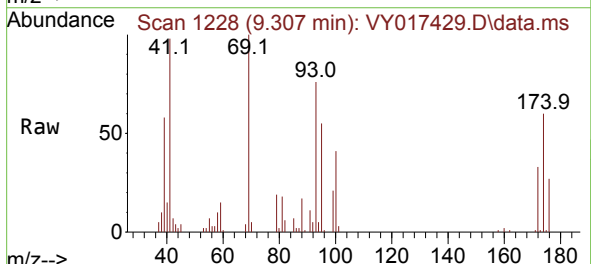
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBSD01

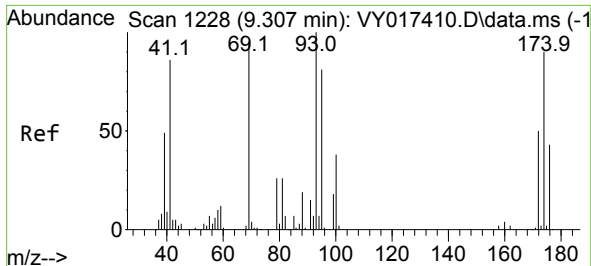
Tgt Ion: 83 Resp: 41906  
Ion Ratio Lower Upper  
83 100  
85 63.6 50.1 75.1  
127 8.6 7.4 11.0



#48  
Methyl methacrylate  
Concen: 16.582 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion: 41 Resp: 11723  
Ion Ratio Lower Upper  
41 100  
69 110.1 84.1 126.1  
39 64.9 43.6 65.4





#49

1,4-Dioxane

Concen: 333.916 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017429.D

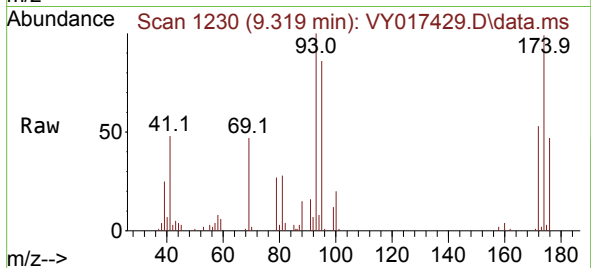
Acq: 21 Feb 2024 11:42

Instrument :

MSVOA\_Y

ClientSampleId :

VY0221SBSD01



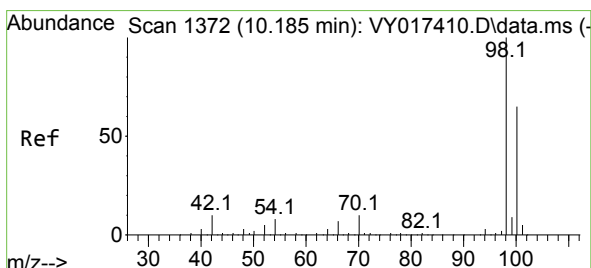
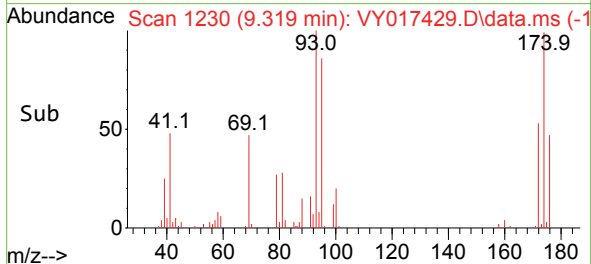
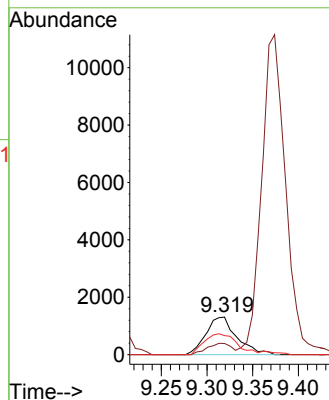
Tgt Ion: 88 Resp: 3070

Ion Ratio Lower Upper

88 100

43 24.1 0.0 0.0#

58 63.6 49.3 73.9



#50

Toluene-d8

Concen: 48.376 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017429.D

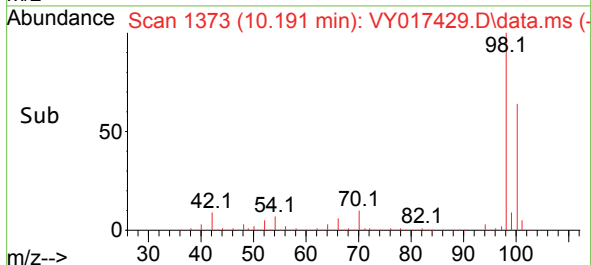
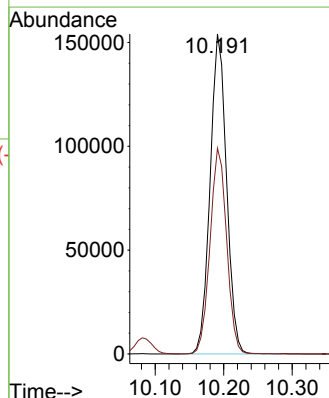
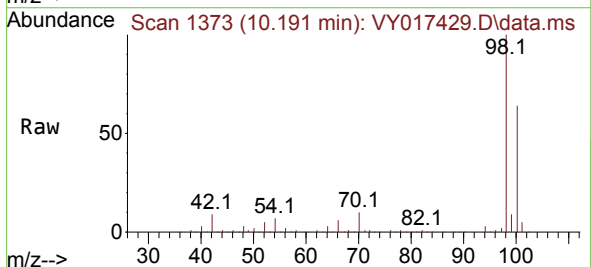
Acq: 21 Feb 2024 11:42

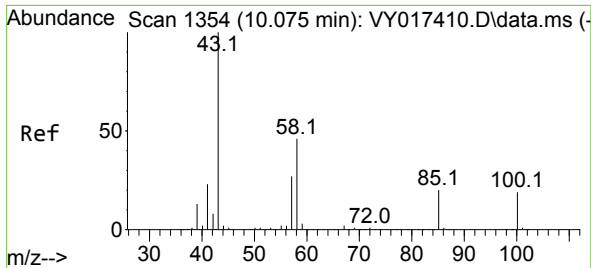
Tgt Ion: 98 Resp: 257244

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

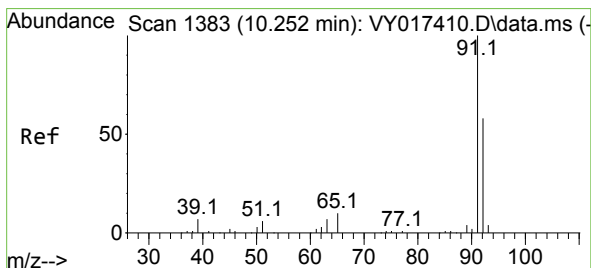
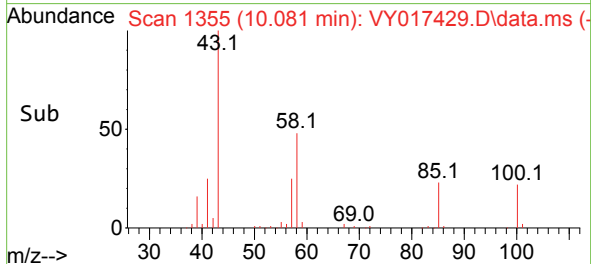
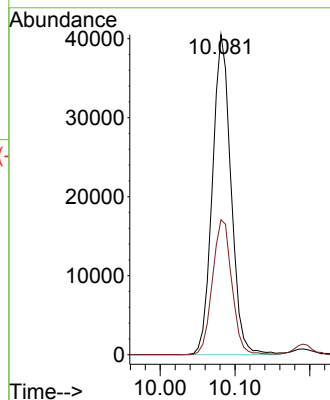
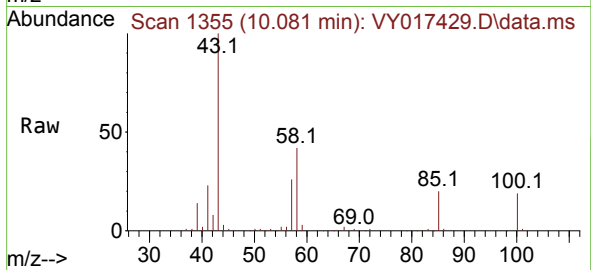




#51  
4-Methyl-2-Pentanone  
Concen: 86.343 ug/l  
RT: 10.081 min Scan# 1355  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

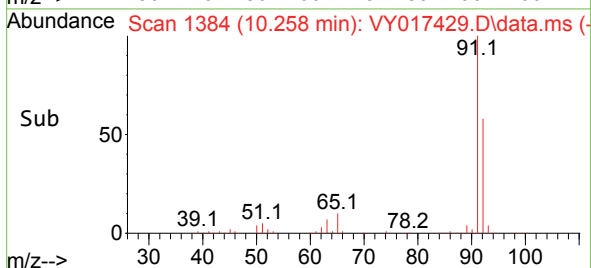
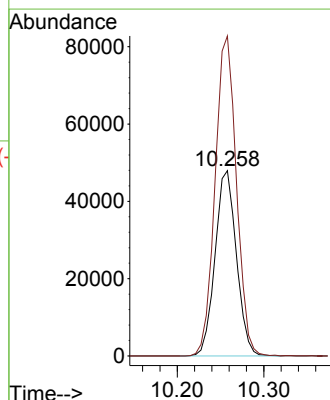
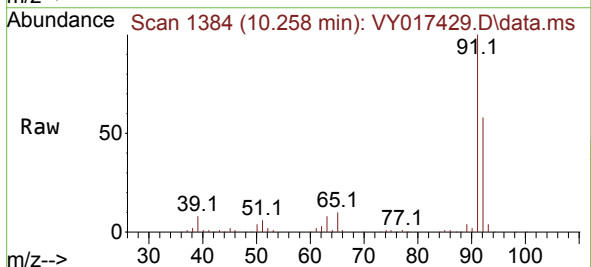
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBSD01

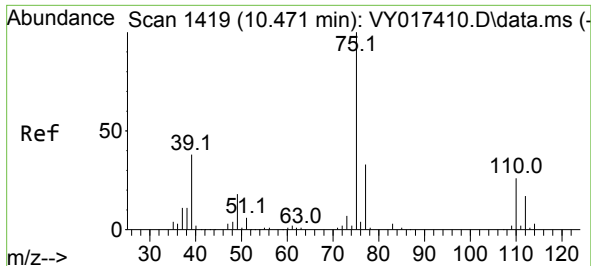
Tgt Ion: 43 Resp: 70103  
Ion Ratio Lower Upper  
43 100  
58 43.9 35.7 53.5



#52  
Toluene  
Concen: 19.630 ug/l  
RT: 10.258 min Scan# 1384  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion: 92 Resp: 81990  
Ion Ratio Lower Upper  
92 100  
91 172.7 139.0 208.6

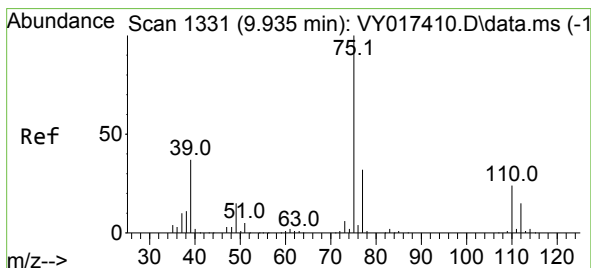
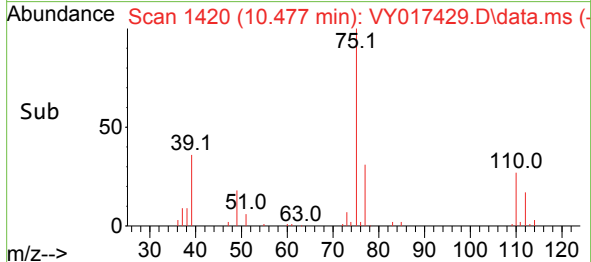
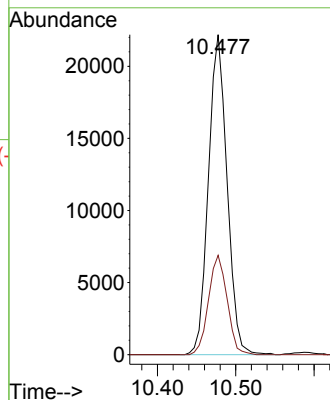
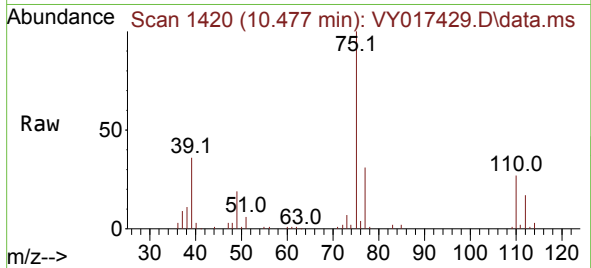




#53  
t-1,3-Dichloropropene  
Concen: 18.309 ug/l  
RT: 10.477 min Scan# 1419  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

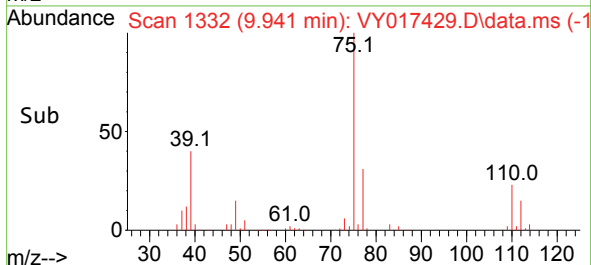
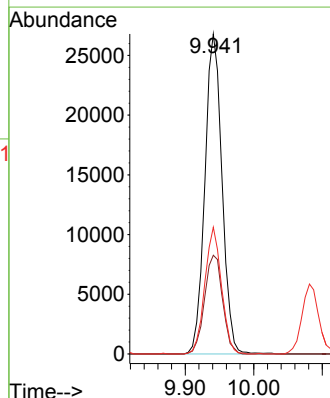
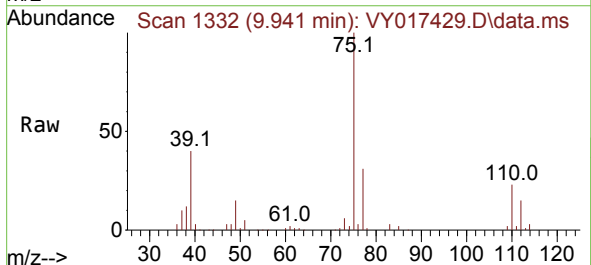
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBS01

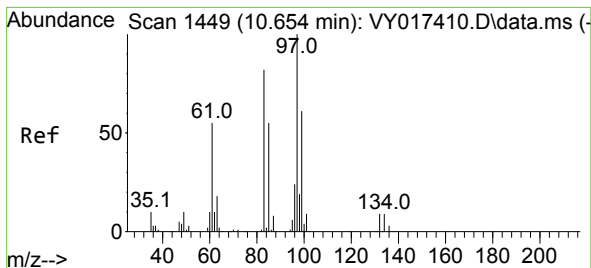
Tgt Ion: 75 Resp: 36640  
Ion Ratio Lower Upper  
75 100  
77 31.0 24.1 36.1



#54  
cis-1,3-Dichloropropene  
Concen: 19.006 ug/l  
RT: 9.941 min Scan# 1332  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion: 75 Resp: 46666  
Ion Ratio Lower Upper  
75 100  
77 30.9 25.4 38.0  
39 39.6 29.8 44.6

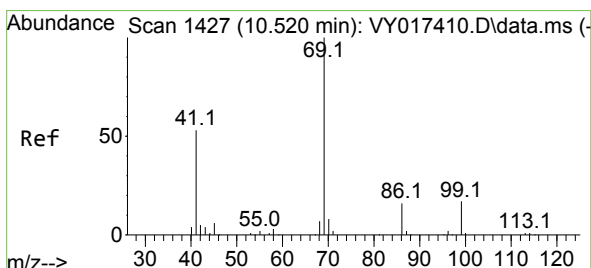
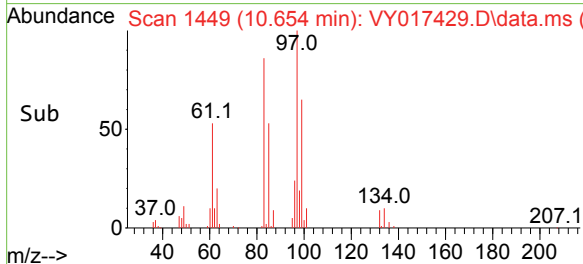
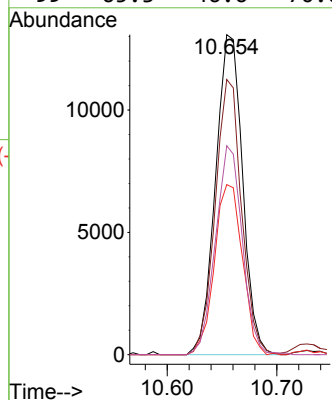
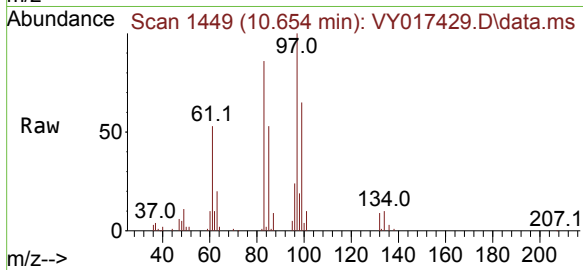




#55  
1,1,2-Trichloroethane  
Concen: 18.525 ug/l  
RT: 10.654 min Scan# 1449  
Delta R.T. 0.000 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

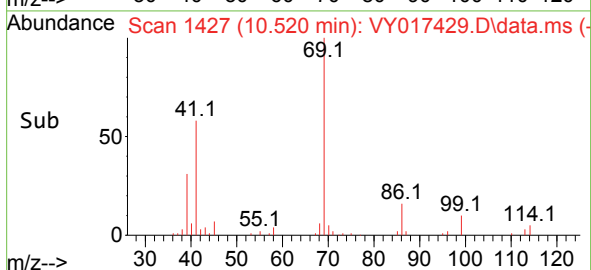
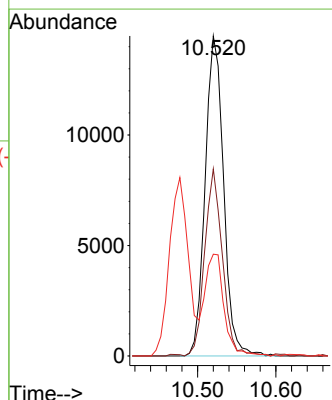
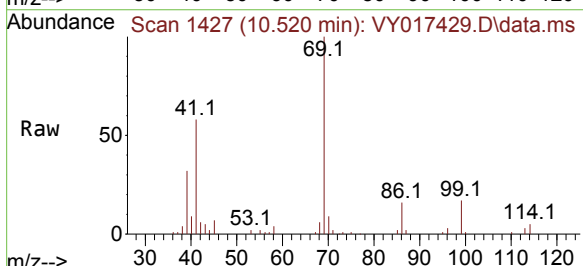
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBS01

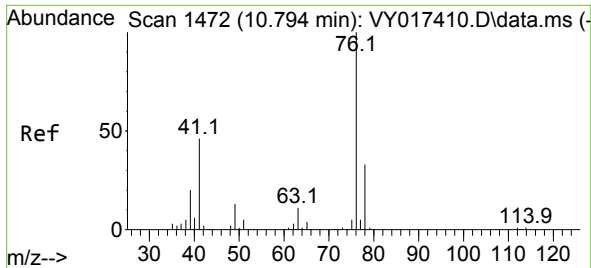
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 22406 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 86.0     | 67.5 101.3  |
| 85 53.2     | 42.9 64.3   |
| 99 65.3     | 46.6 70.0   |



#56  
Ethyl methacrylate  
Concen: 18.057 ug/l  
RT: 10.520 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 23654 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 56.2     | 42.3 63.5   |
| 39 32.4     | 22.9 34.3   |

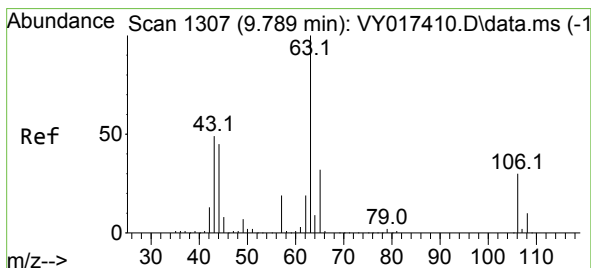
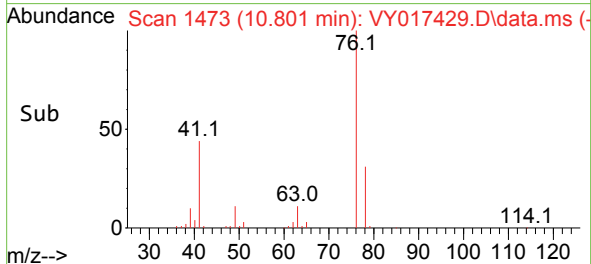
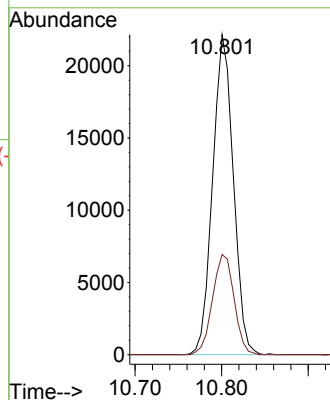
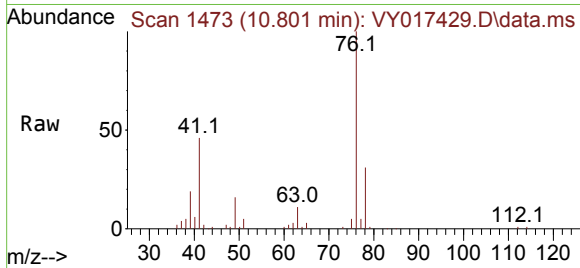




#57  
1,3-Dichloropropane  
Concen: 18.358 ug/l  
RT: 10.801 min Scan# 1473  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

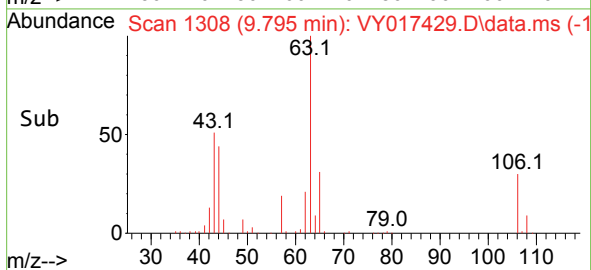
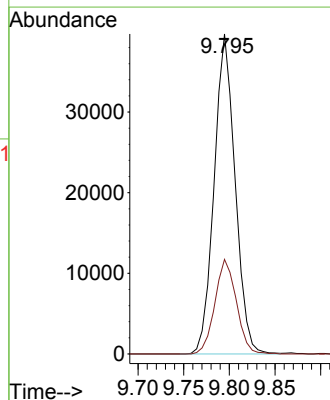
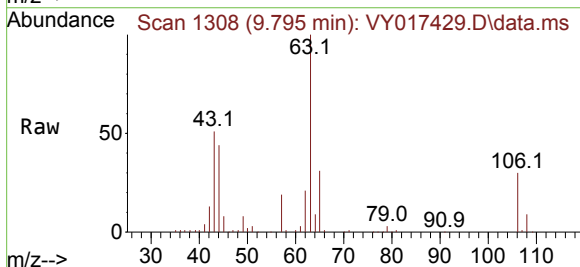
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBSD01

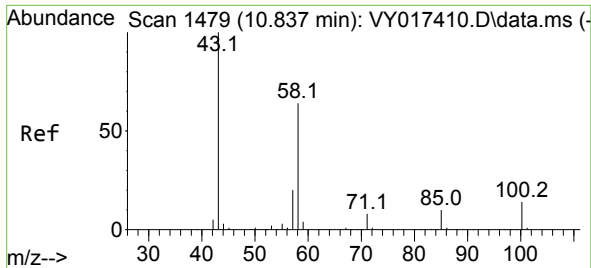
Tgt Ion: 76 Resp: 36737  
Ion Ratio Lower Upper  
76 100  
78 32.6 26.2 39.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 87.617 ug/l  
RT: 9.795 min Scan# 1308  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion: 63 Resp: 63318  
Ion Ratio Lower Upper  
63 100  
106 30.3 23.7 35.5

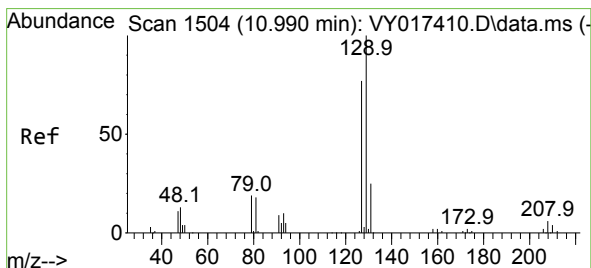
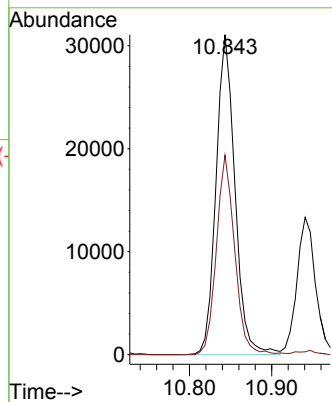
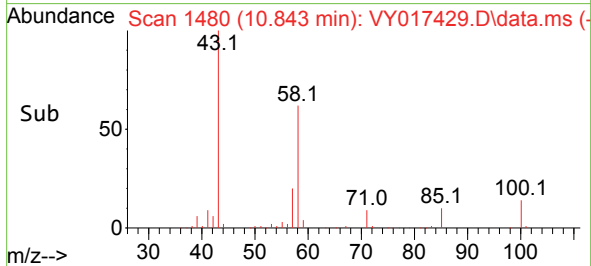
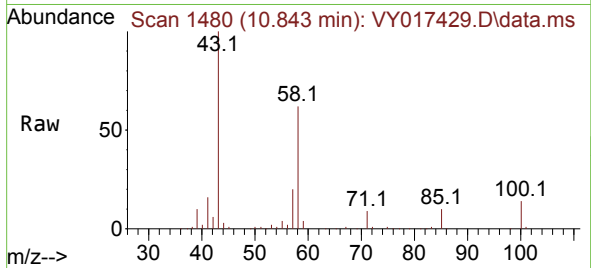




#59  
2-Hexanone  
Concen: 88.943 ug/l  
RT: 10.843 min Scan# 1479  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

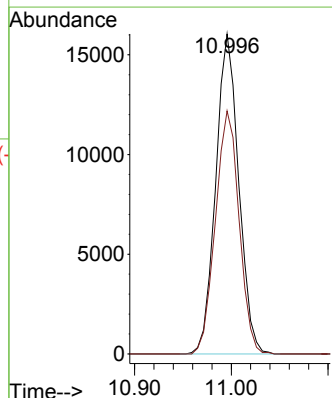
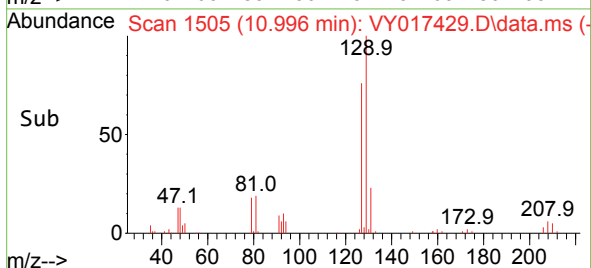
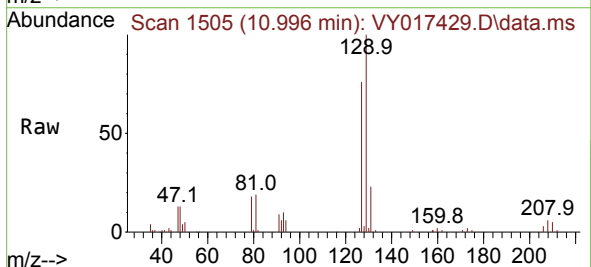
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBSD01

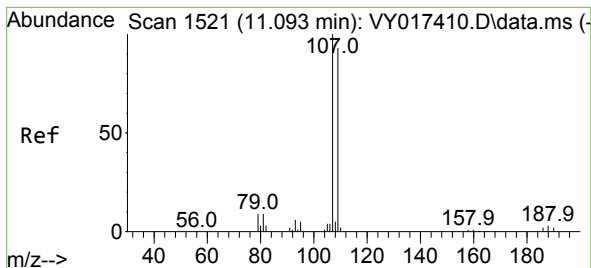
Tgt Ion: 43 Resp: 49740  
Ion Ratio Lower Upper  
43 100  
58 60.4 31.4 94.0



#60  
Dibromochloromethane  
Concen: 18.373 ug/l  
RT: 10.996 min Scan# 1505  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion: 129 Resp: 26416  
Ion Ratio Lower Upper  
129 100  
127 78.2 39.0 117.0





#61

1,2-Dibromoethane

Concen: 17.960 ug/l

RT: 11.099 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

Instrument :

MSVOA\_Y

ClientSampleId :

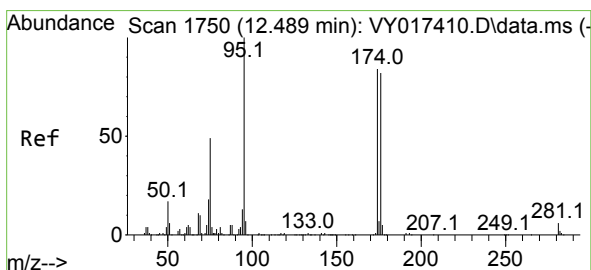
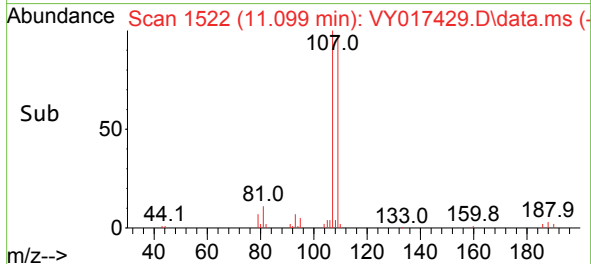
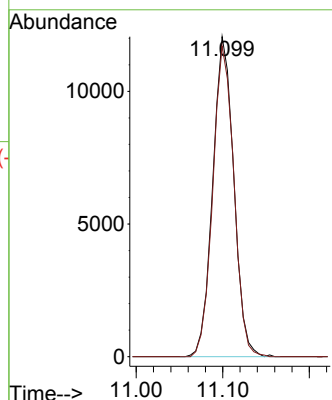
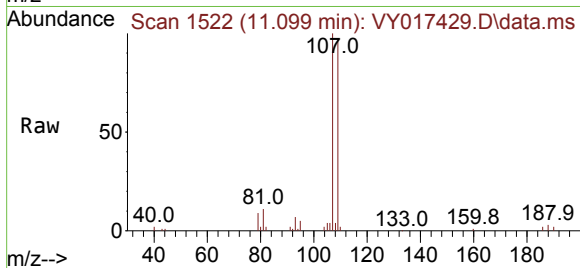
VY0221SBS01

Tgt Ion:107 Resp: 20323

Ion Ratio Lower Upper

107 100

109 97.3 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 42.444 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

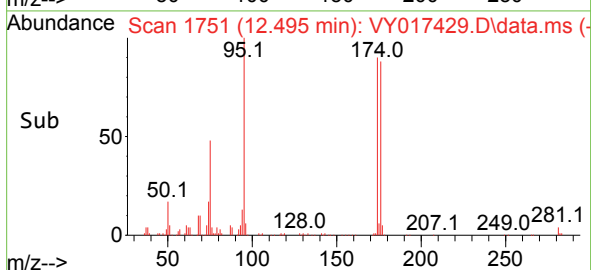
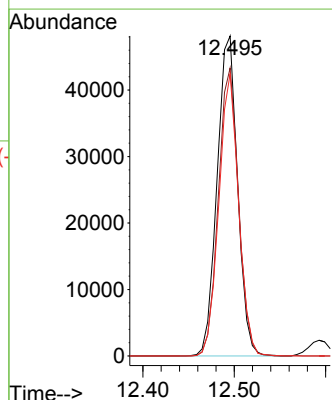
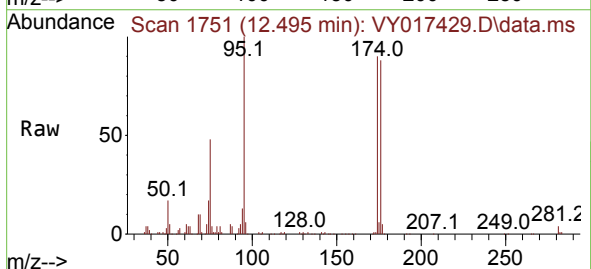
Tgt Ion: 95 Resp: 74795

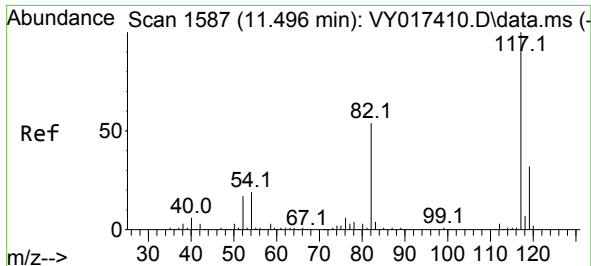
Ion Ratio Lower Upper

95 100

174 88.9 0.0 175.6

176 85.2 0.0 171.4

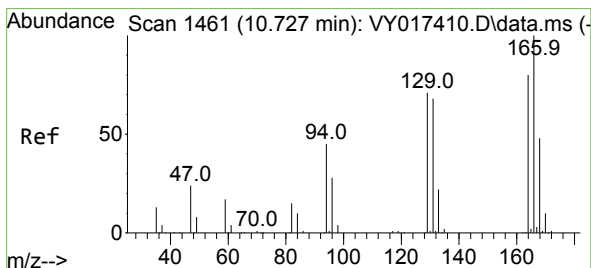
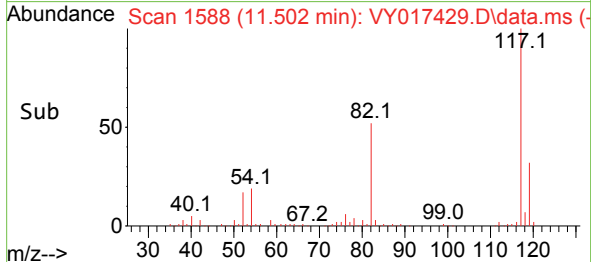
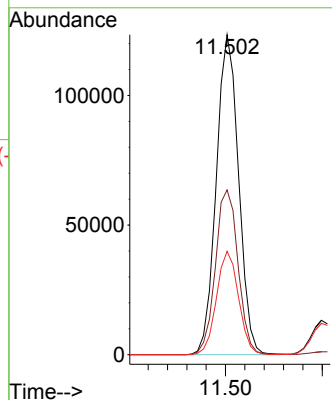
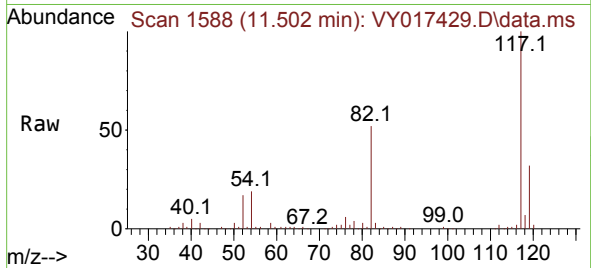




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.502 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

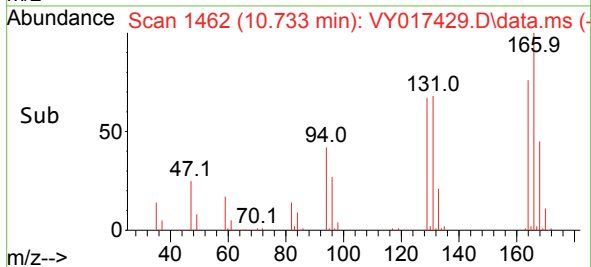
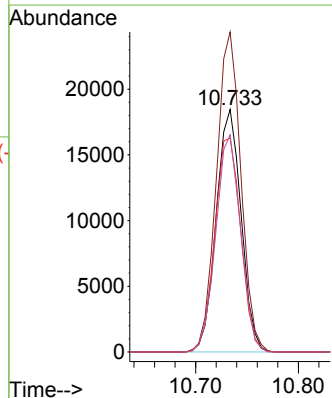
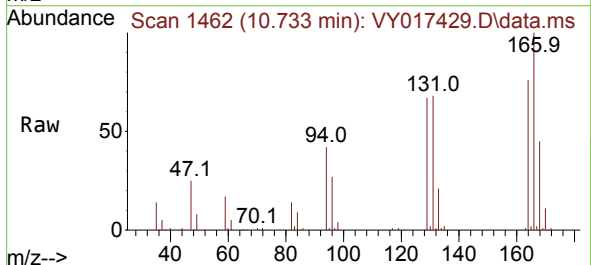
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBS01

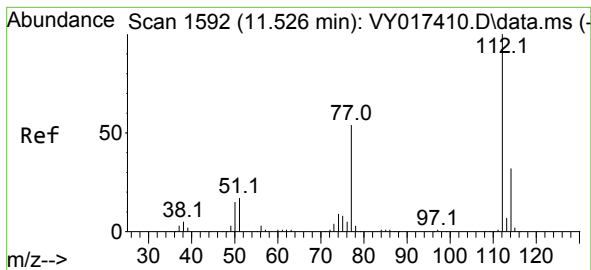
Tgt Ion:117 Resp: 197619  
Ion Ratio Lower Upper  
117 100  
82 51.5 42.4 63.6  
119 32.3 25.9 38.9



#64  
Tetrachloroethene  
Concen: 19.624 ug/l  
RT: 10.733 min Scan# 1462  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion:164 Resp: 31036  
Ion Ratio Lower Upper  
164 100  
166 131.9 102.6 154.0  
129 88.3 72.0 108.0  
131 89.5 70.0 105.0

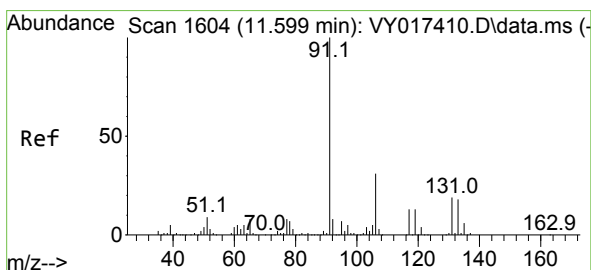
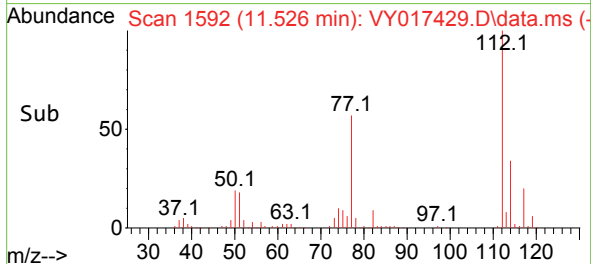
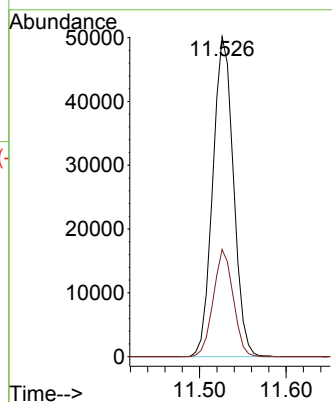
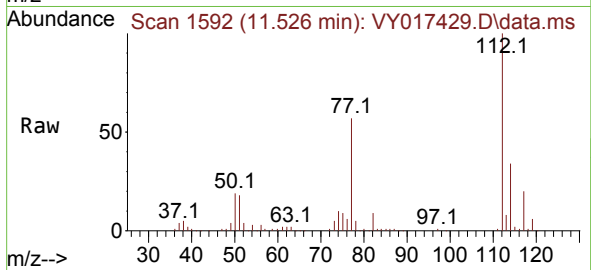




#65  
Chlorobenzene  
Concen: 19.519 ug/l  
RT: 11.526 min Scan# 111  
Delta R.T. 0.000 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

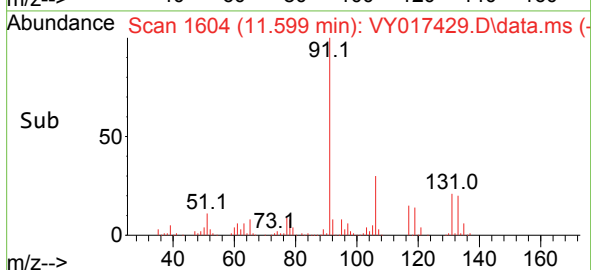
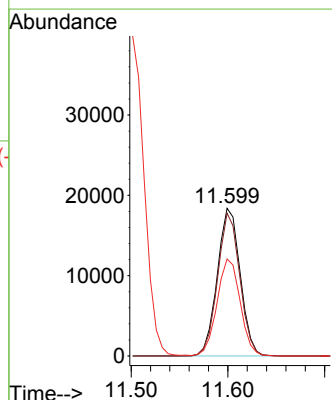
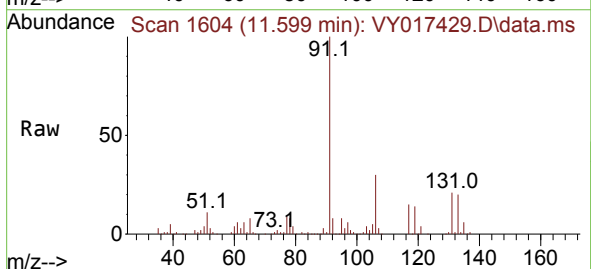
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBSD01

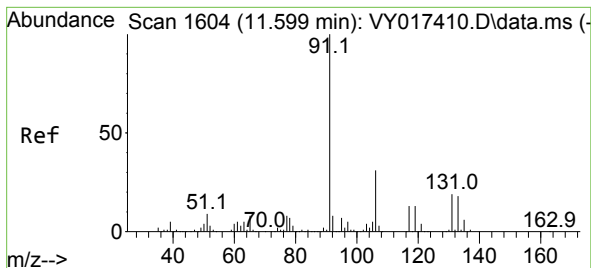
Tgt Ion:112 Resp: 83099  
Ion Ratio Lower Upper  
112 100  
114 33.5 26.4 39.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.037 ug/l  
RT: 11.599 min Scan# 1604  
Delta R.T. 0.000 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion:131 Resp: 30181  
Ion Ratio Lower Upper  
131 100  
133 93.9 47.8 143.3  
119 66.3 34.1 102.2





#67

Ethyl Benzene

Concen: 19.247 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

Instrument :

MSVOA\_Y

ClientSampleId :

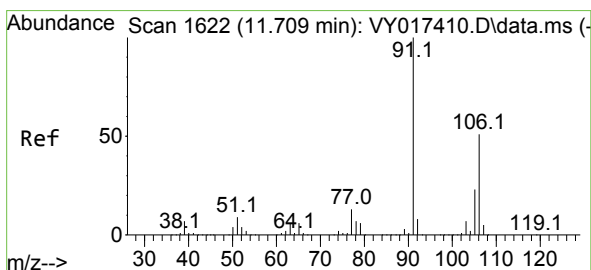
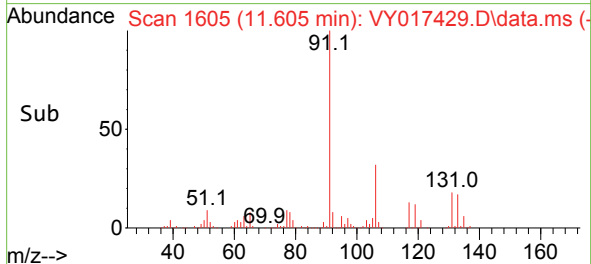
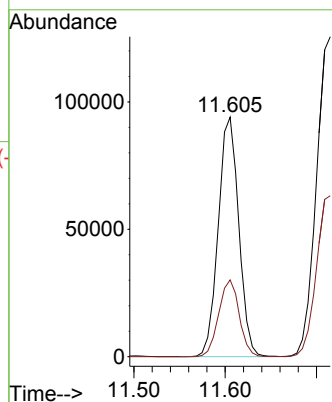
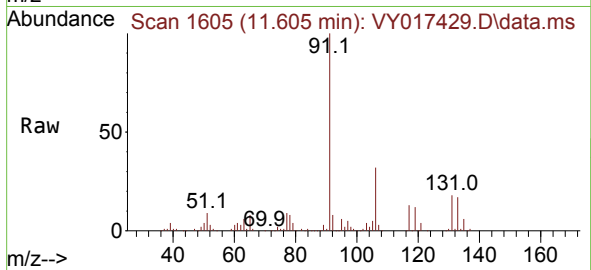
VY0221SBS01

Tgt Ion: 91 Resp: 146551

Ion Ratio Lower Upper

91 100

106 32.1 24.5 36.7



#68

m/p-Xylenes

Concen: 39.129 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017429.D

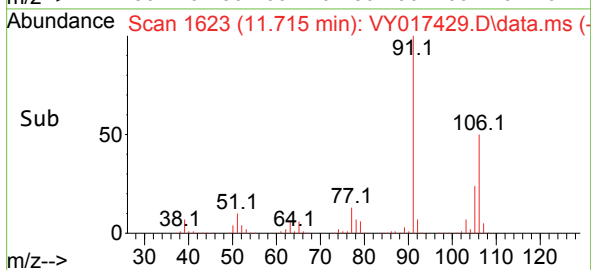
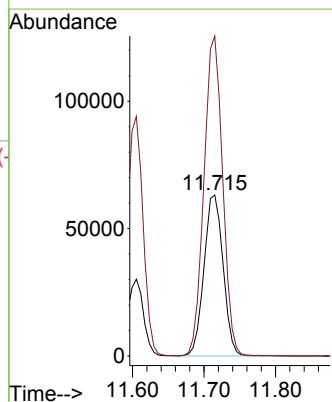
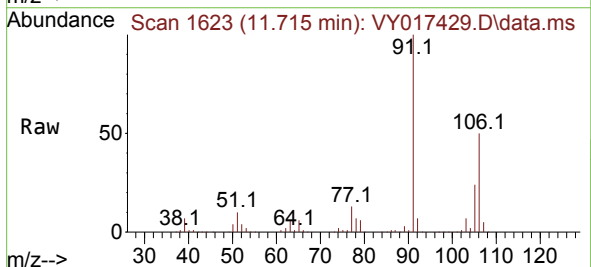
Acq: 21 Feb 2024 11:42

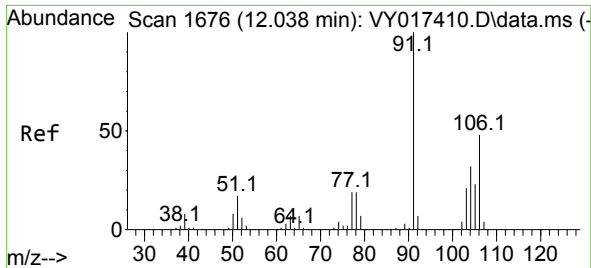
Tgt Ion:106 Resp: 117121

Ion Ratio Lower Upper

106 100

91 194.3 156.0 234.0

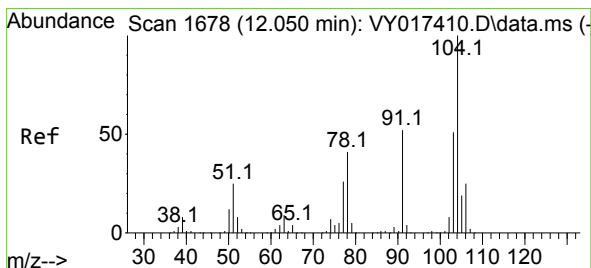
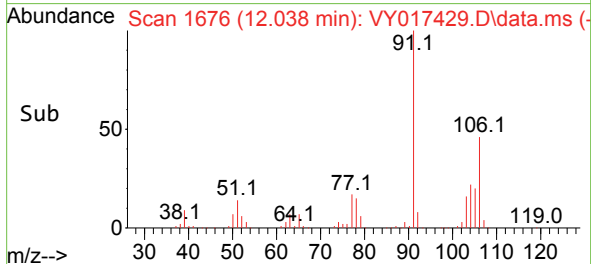
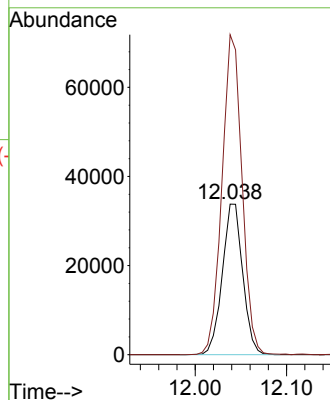
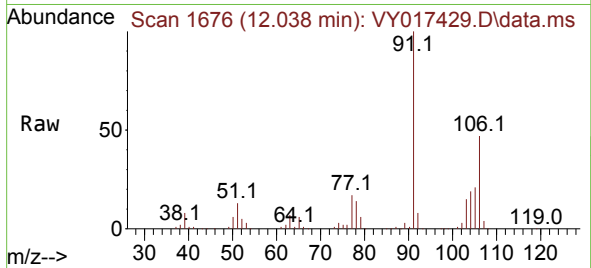




#69  
o-Xylene  
Concen: 19.145 ug/l  
RT: 12.038 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

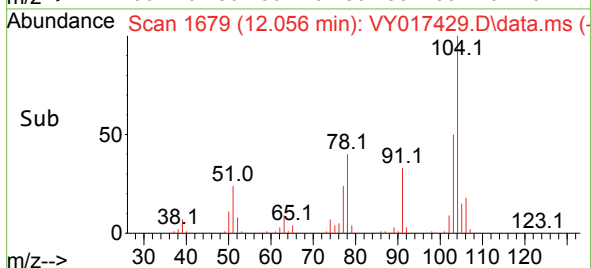
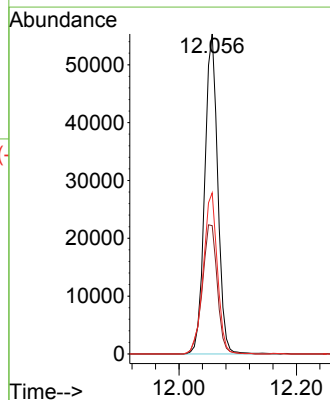
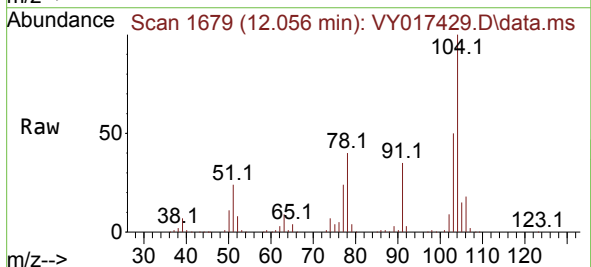
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBS01

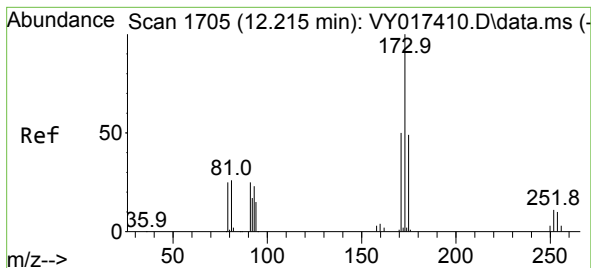
Tgt Ion:106 Resp: 52572  
Ion Ratio Lower Upper  
106 100  
91 208.7 103.6 310.8



#70  
Styrene  
Concen: 18.955 ug/l  
RT: 12.056 min Scan# 1679  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion:104 Resp: 85489  
Ion Ratio Lower Upper  
104 100  
78 46.0 37.0 55.4  
103 54.3 44.2 66.2





#71

Bromoform

Concen: 17.667 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.006 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

Instrument :

MSVOA\_Y

ClientSampleId :

VY0221SBS01

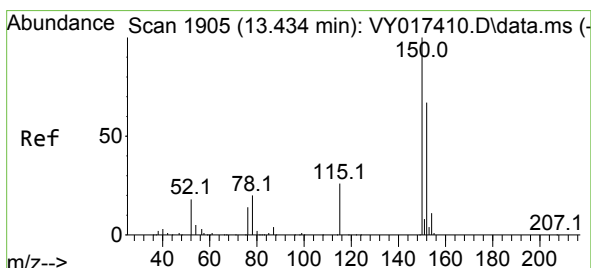
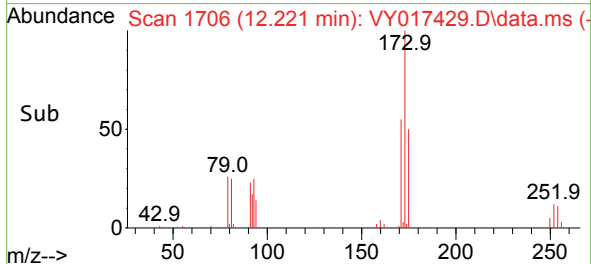
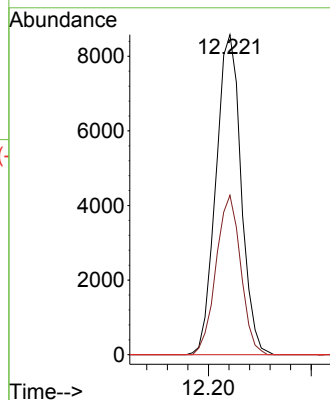
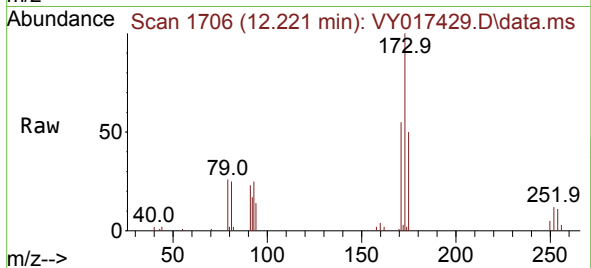
Tgt Ion:173 Resp: 14573

Ion Ratio Lower Upper

173 100

175 48.9 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

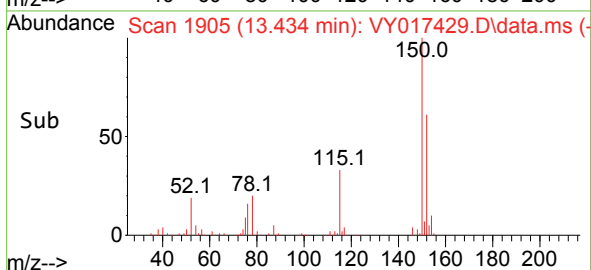
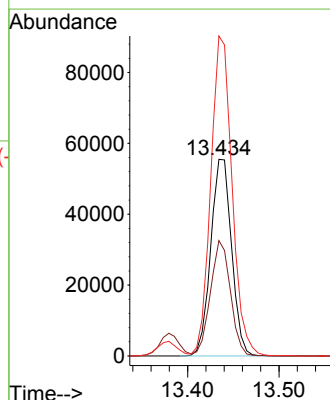
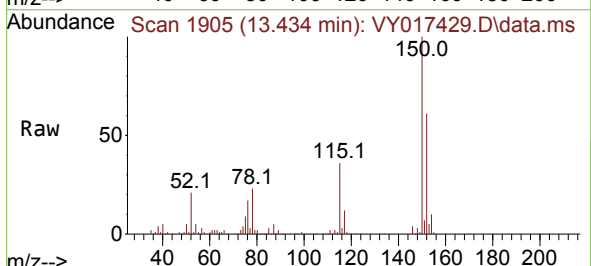
Tgt Ion:152 Resp: 87930

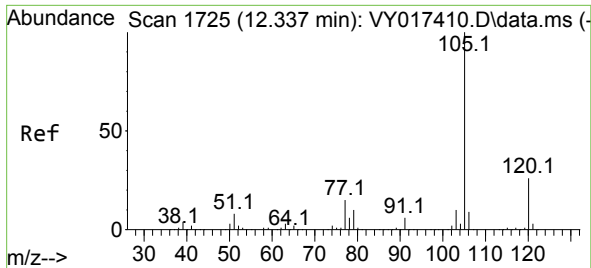
Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 166.0 0.0 345.6

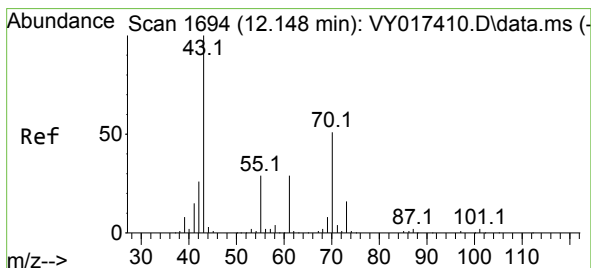
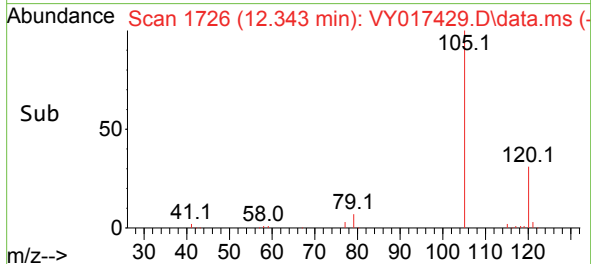
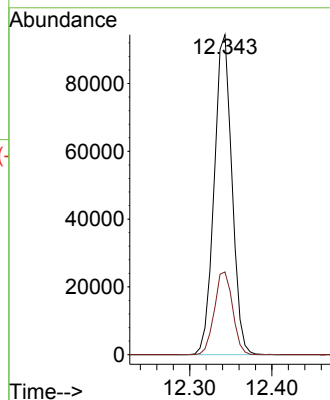
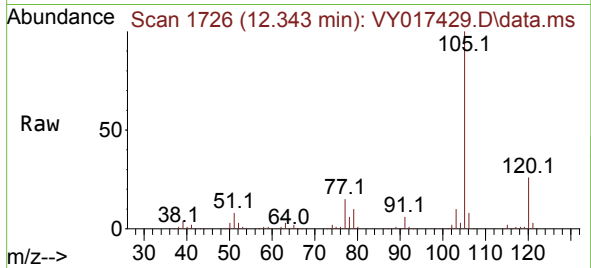




#73  
Isopropylbenzene  
Concen: 20.844 ug/l  
RT: 12.343 min Scan# 1726  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

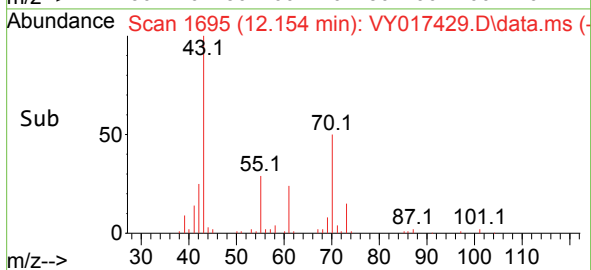
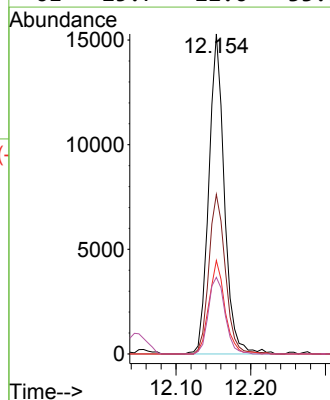
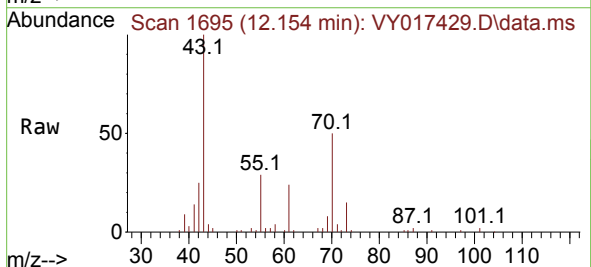
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBS01

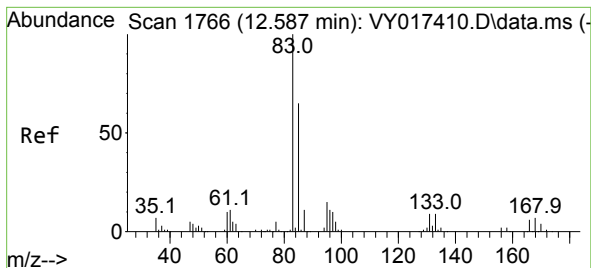
Tgt Ion:105 Resp: 141576  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.4 40.1



#74  
N-ethyl acetate  
Concen: 18.650 ug/l  
RT: 12.154 min Scan# 1695  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion: 43 Resp: 22056  
Ion Ratio Lower Upper  
43 100  
70 52.9 41.4 62.2  
55 30.0 23.3 34.9  
61 25.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.222 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

Instrument :

MSVOA\_Y

ClientSampleId :

VY0221SBSD01

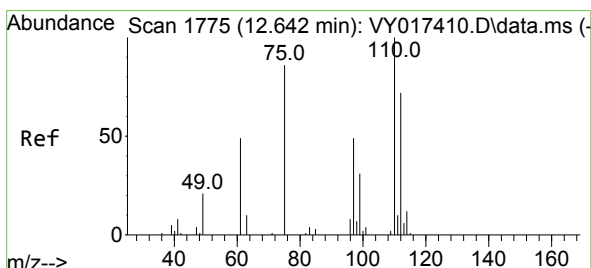
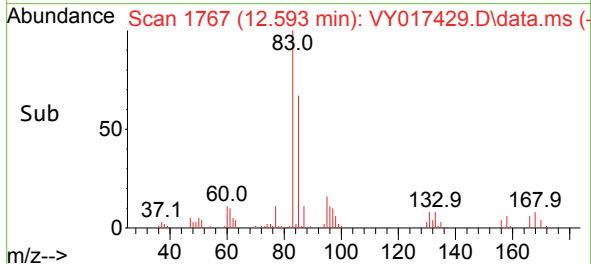
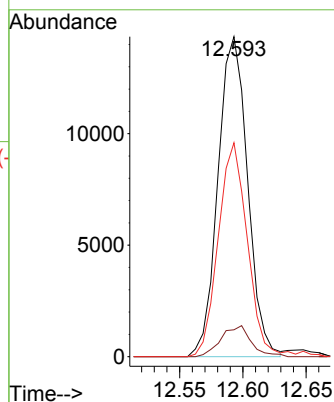
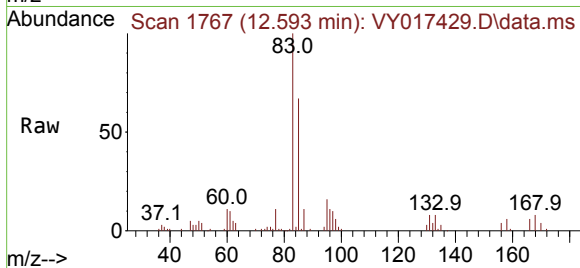
Tgt Ion: 83 Resp: 23334

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

85 66.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 32.963 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY017429.D

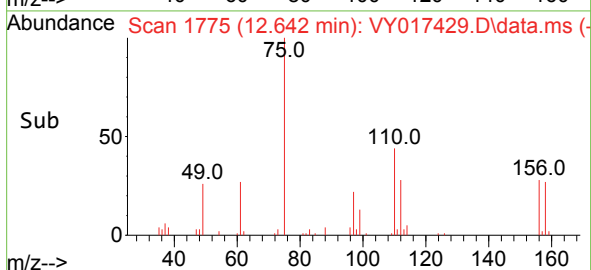
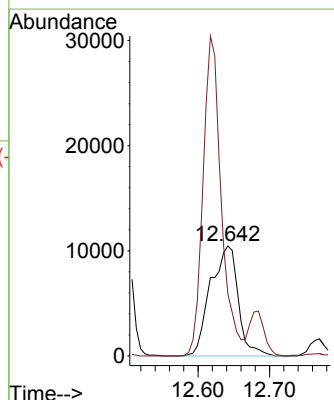
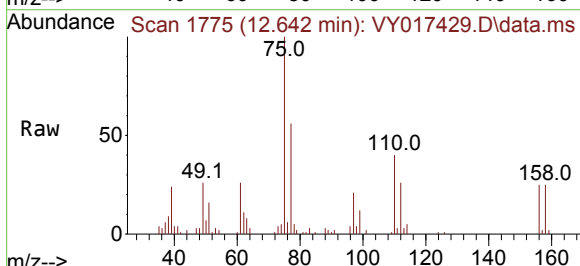
Acq: 21 Feb 2024 11:42

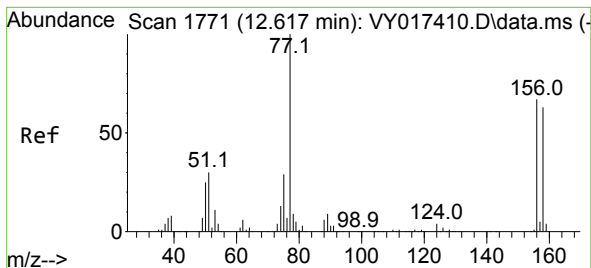
Tgt Ion: 75 Resp: 28103

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.628 ug/l

RT: 12.623 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

Instrument :

MSVOA\_Y

ClientSampleId :

VY0221SBSD01

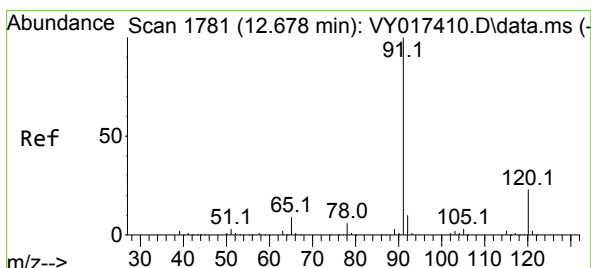
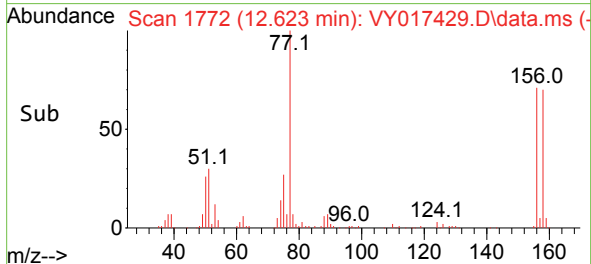
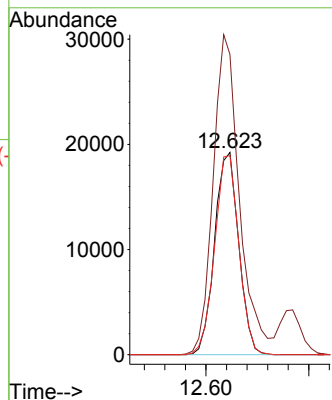
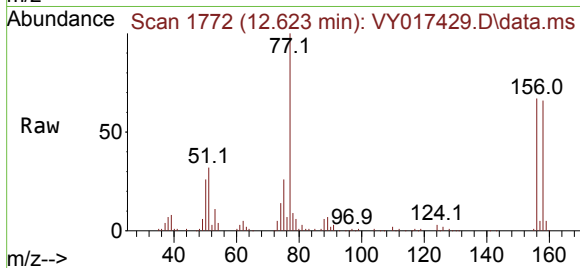
Tgt Ion:156 Resp: 31266

Ion Ratio Lower Upper

156 100

77 171.8 87.1 261.3

158 99.0 48.6 145.9



#78

n-propylbenzene

Concen: 20.709 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY017429.D

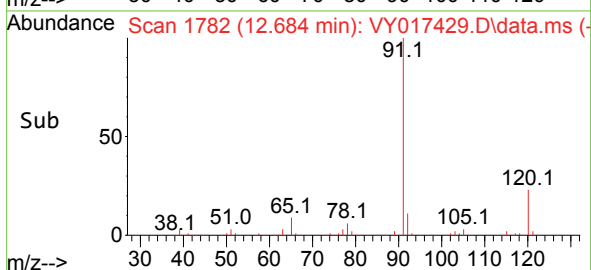
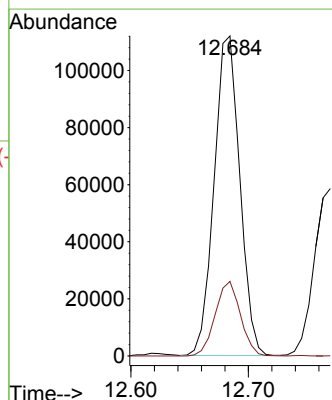
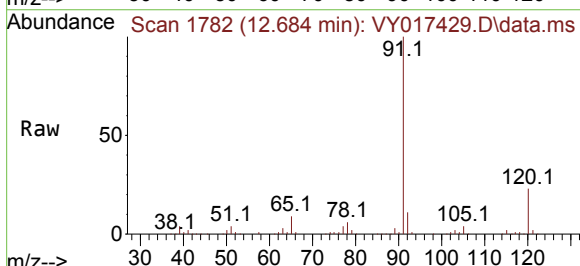
Acq: 21 Feb 2024 11:42

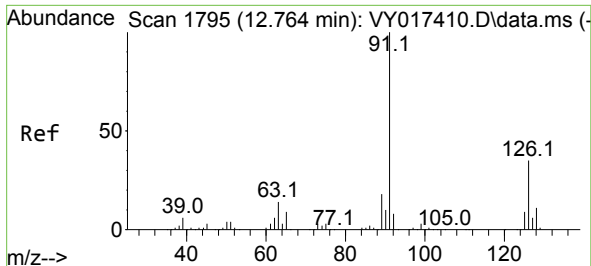
Tgt Ion: 91 Resp: 170131

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.515 ug/l

RT: 12.770 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

Instrument :

MSVOA\_Y

ClientSampleId :

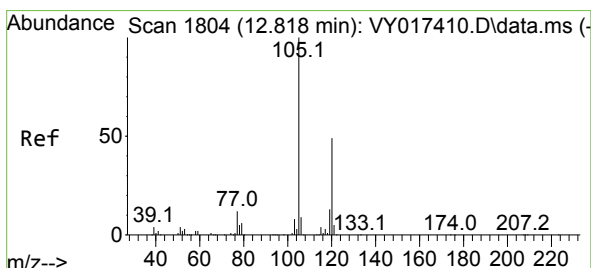
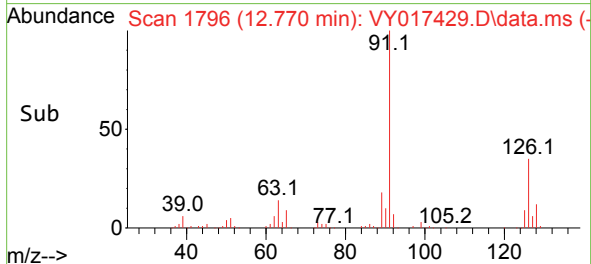
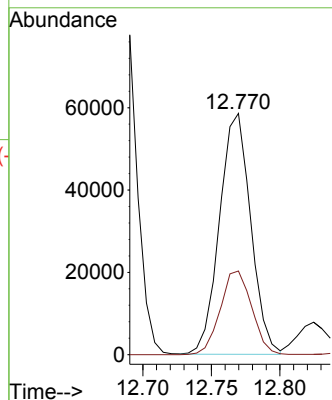
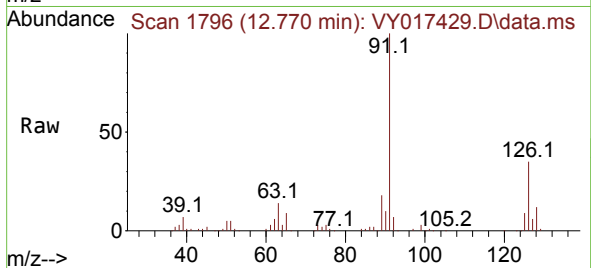
VY0221SBSD01

Tgt Ion: 91 Resp: 92801

Ion Ratio Lower Upper

91 100

126 35.0 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 20.443 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY017429.D

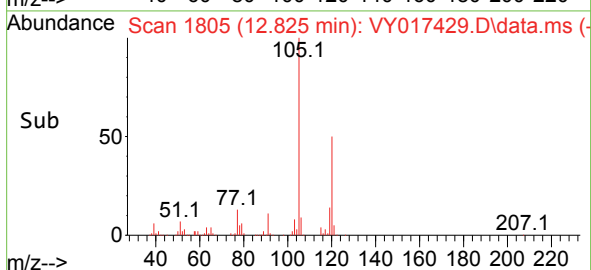
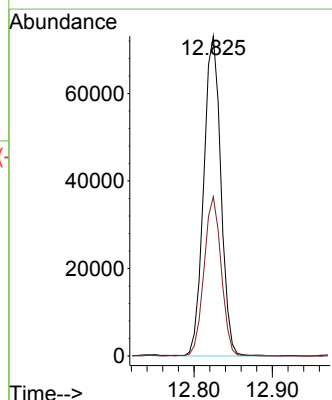
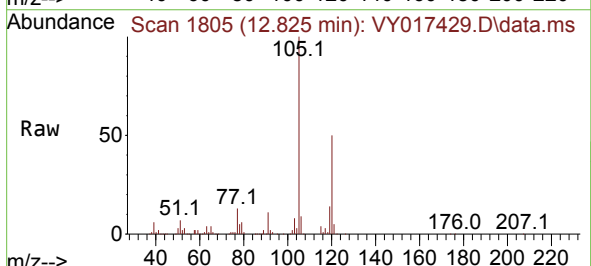
Acq: 21 Feb 2024 11:42

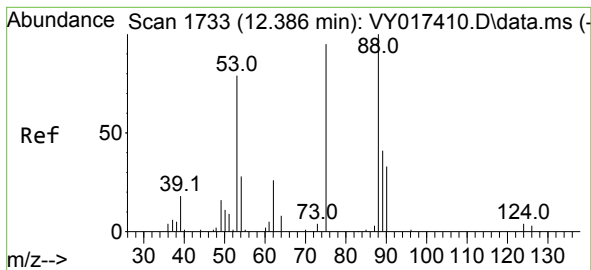
Tgt Ion:105 Resp: 111061

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.2

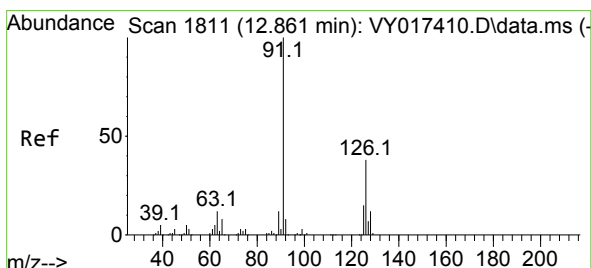
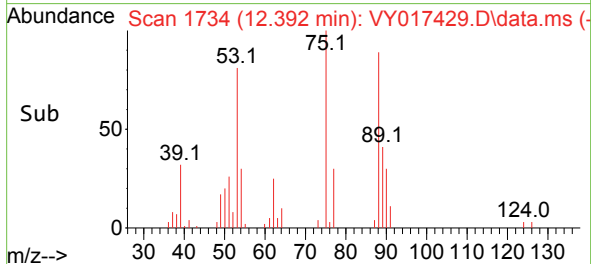
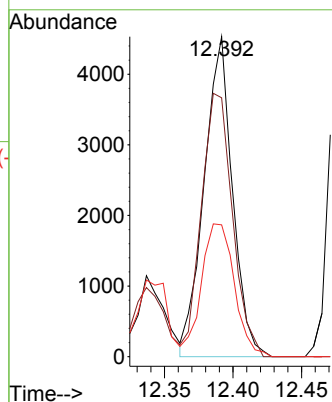
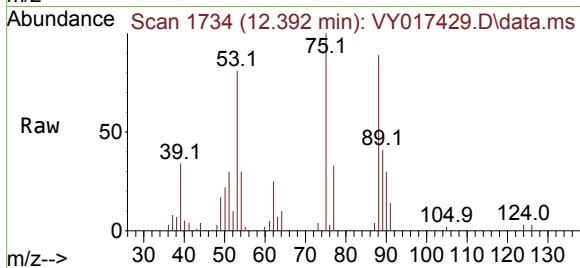




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.806 ug/l  
RT: 12.392 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

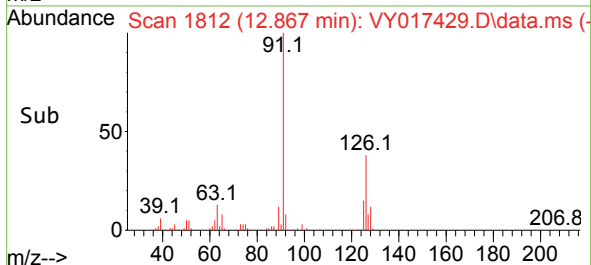
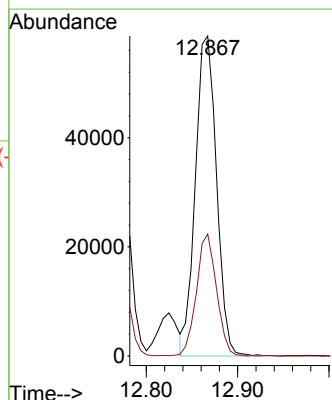
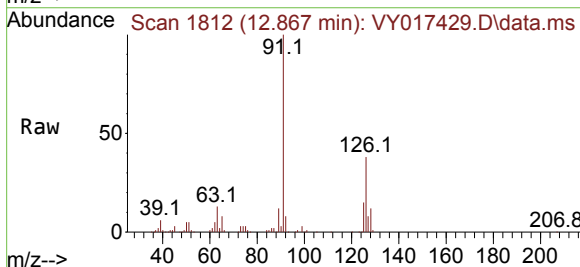
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBS01

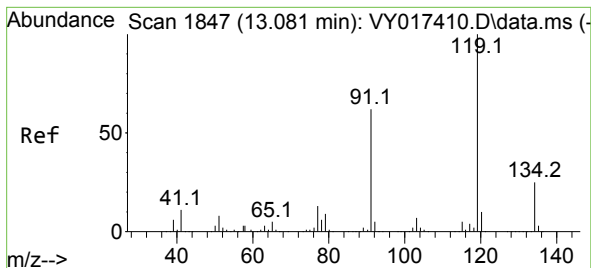
Tgt Ion: 75 Resp: 6511  
Ion Ratio Lower Upper  
75 100  
53 90.4 66.8 100.2  
89 48.2 35.8 53.6



#82  
4-Chlorotoluene  
Concen: 20.201 ug/l  
RT: 12.867 min Scan# 1812  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion: 91 Resp: 94299  
Ion Ratio Lower Upper  
91 100  
126 36.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.768 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

Instrument :

MSVOA\_Y

ClientSampleId :

VY0221SBSD01

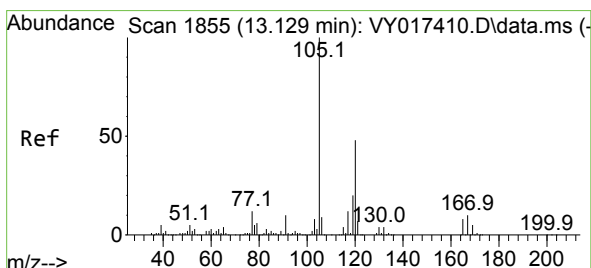
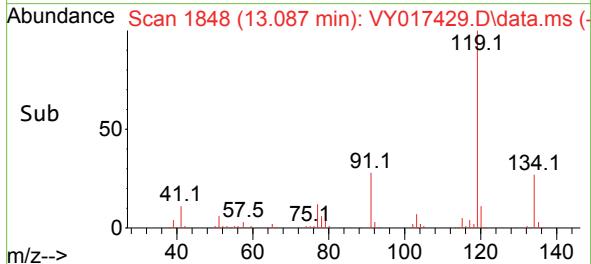
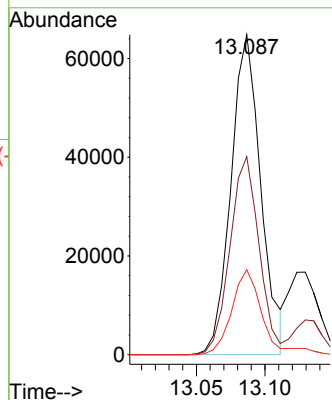
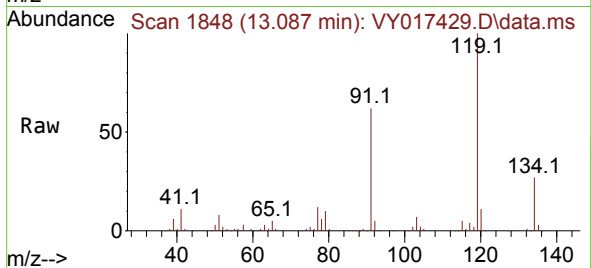
Tgt Ion:119 Resp: 98522

Ion Ratio Lower Upper

119 100

91 60.3 31.3 93.8

134 27.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.524 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017429.D

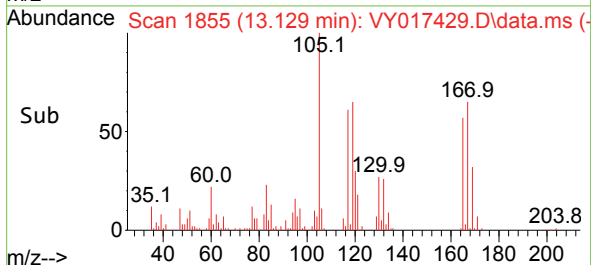
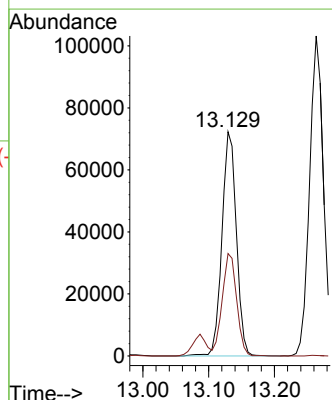
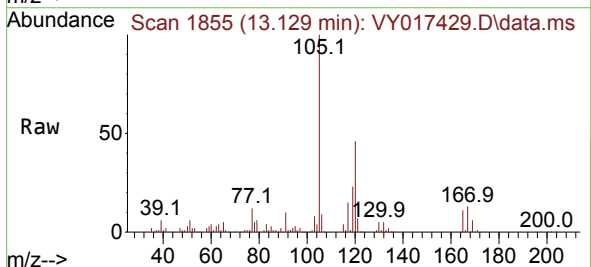
Acq: 21 Feb 2024 11:42

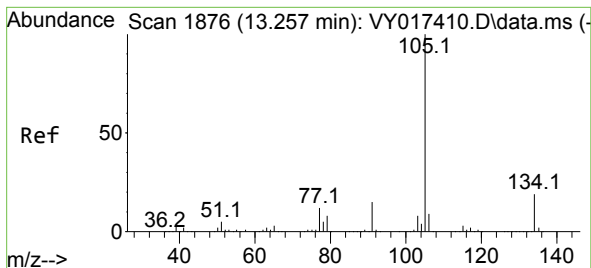
Tgt Ion:105 Resp: 110463

Ion Ratio Lower Upper

105 100

120 45.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.678 ug/l

RT: 13.264 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

Instrument :

MSVOA\_Y

ClientSampleId :

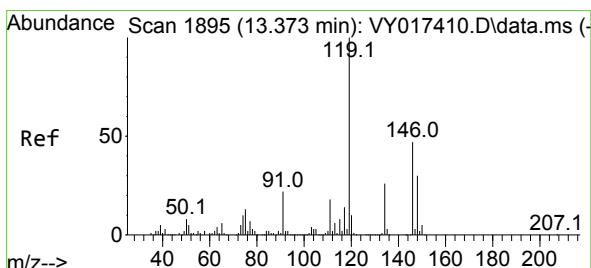
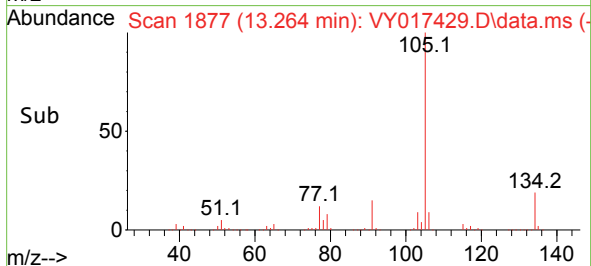
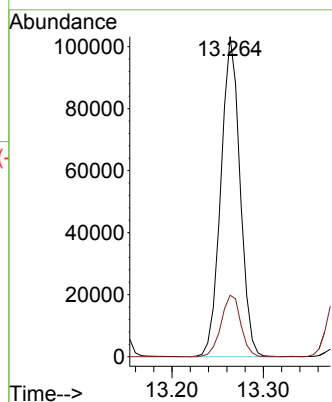
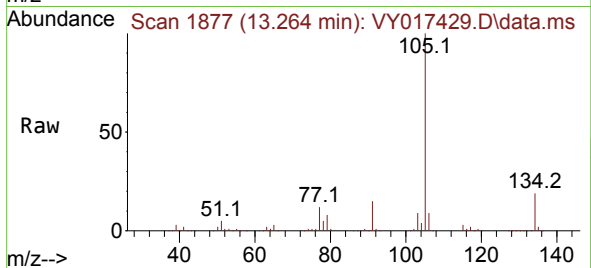
VY0221SBSD01

Tgt Ion:105 Resp: 150670

Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.274 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

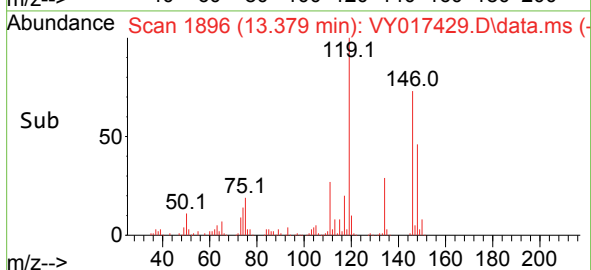
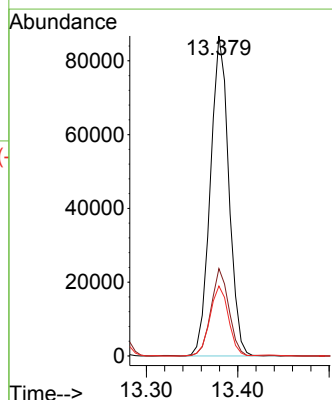
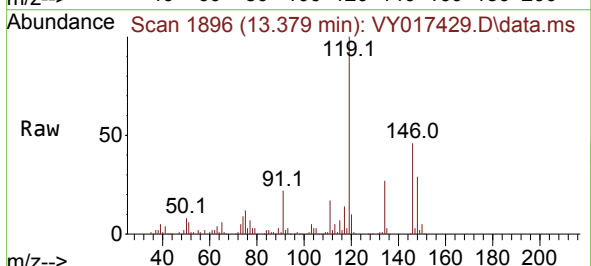
Tgt Ion:119 Resp: 121673

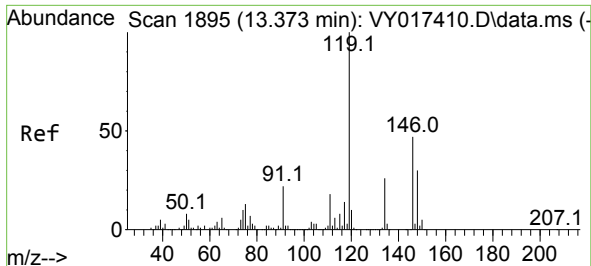
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 22.0 10.7 32.1

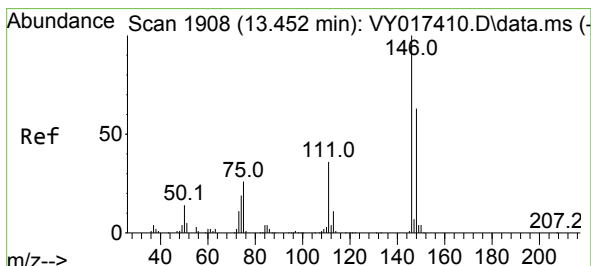
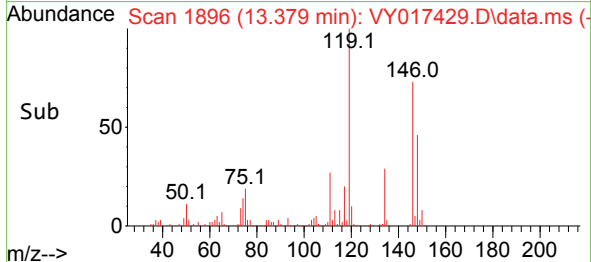
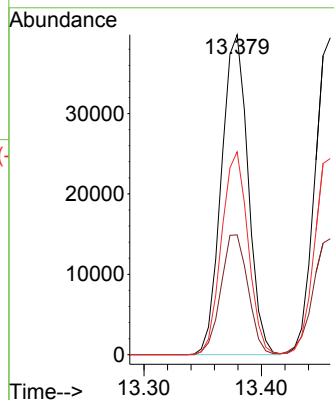
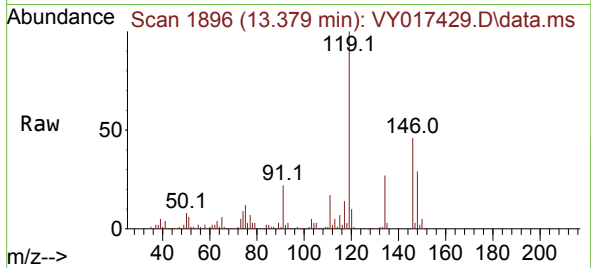




#87  
1,3-Dichlorobenzene  
Concen: 19.540 ug/l  
RT: 13.379 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

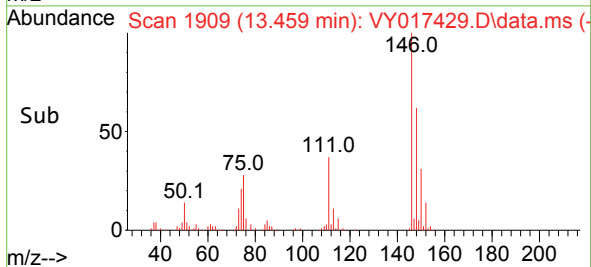
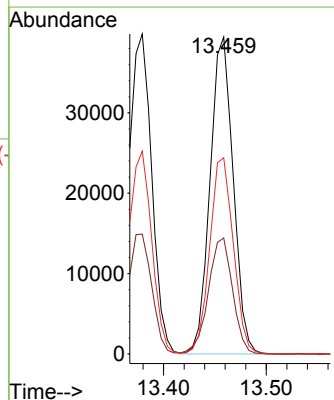
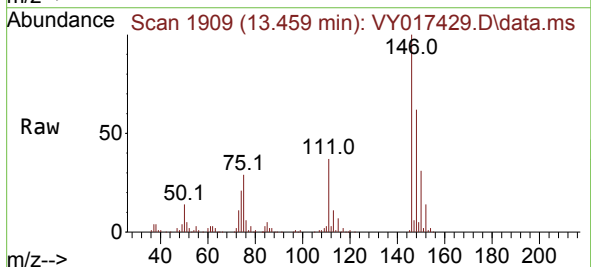
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBSD01

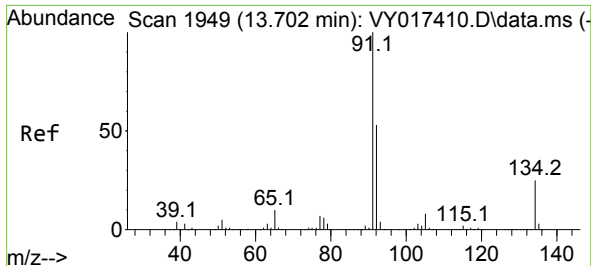
Tgt Ion:146 Resp: 62860  
Ion Ratio Lower Upper  
146 100  
111 38.2 19.0 57.0  
148 63.0 31.7 95.1



#88  
1,4-Dichlorobenzene  
Concen: 19.822 ug/l  
RT: 13.459 min Scan# 1909  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion:146 Resp: 61569  
Ion Ratio Lower Upper  
146 100  
111 38.4 18.4 55.4  
148 63.3 32.4 97.2

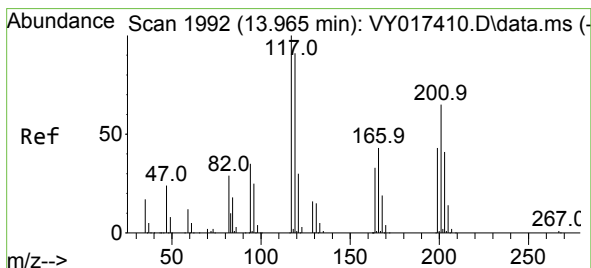
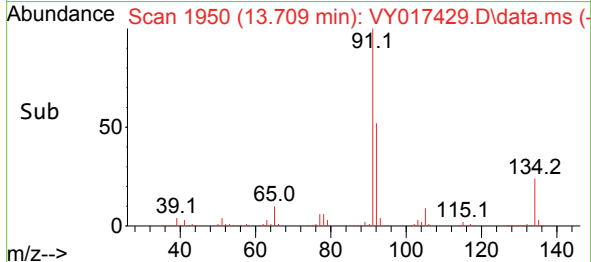
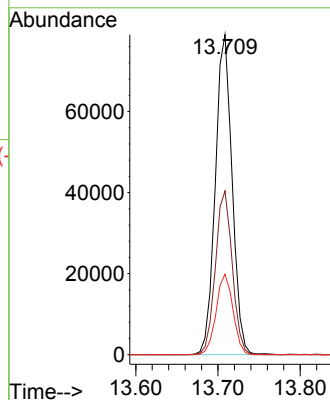
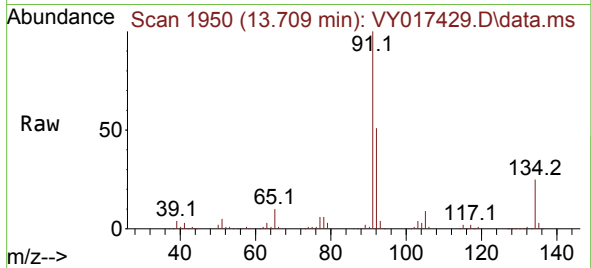




#89  
n-Butylbenzene  
Concen: 20.556 ug/l  
RT: 13.709 min Scan# 1949  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

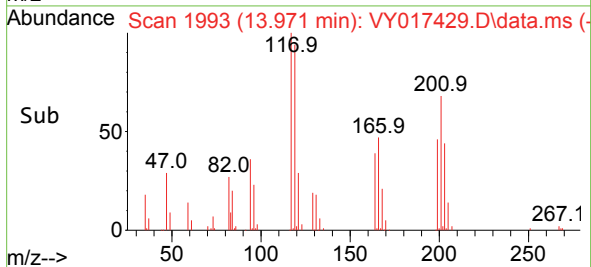
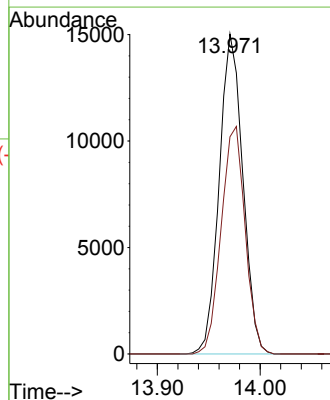
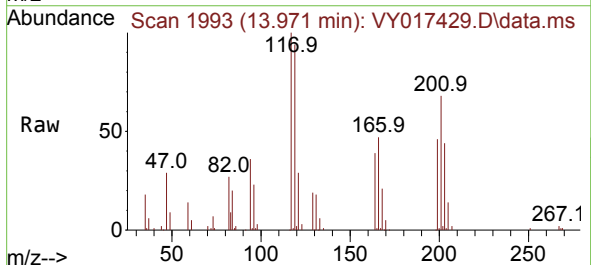
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBSD01

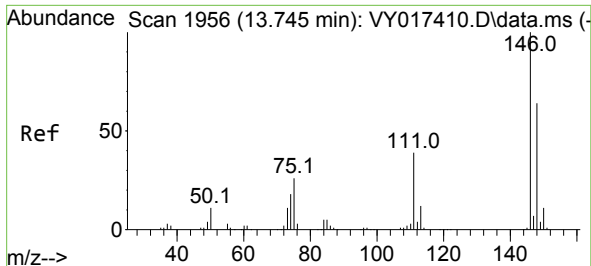
Tgt Ion: 91 Resp: 112196  
Ion Ratio Lower Upper  
91 100  
92 51.3 26.6 79.7  
134 25.2 12.9 38.7



#90  
Hexachloroethane  
Concen: 20.360 ug/l  
RT: 13.971 min Scan# 1993  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion: 117 Resp: 23942  
Ion Ratio Lower Upper  
117 100  
201 72.3 37.4 112.2

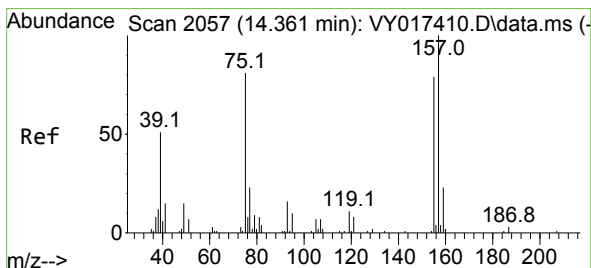
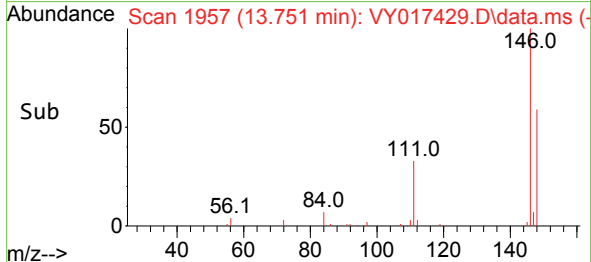
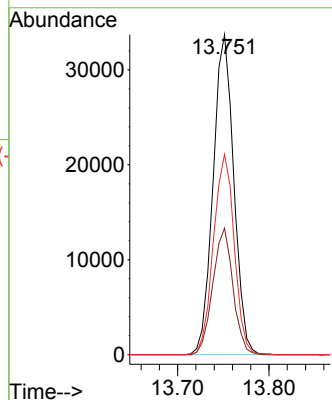
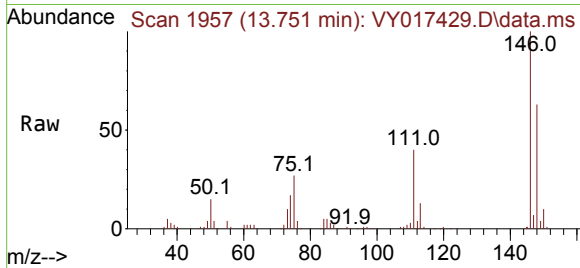




#91  
1,2-Dichlorobenzene  
Concen: 19.568 ug/l  
RT: 13.751 min Scan# 1956  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

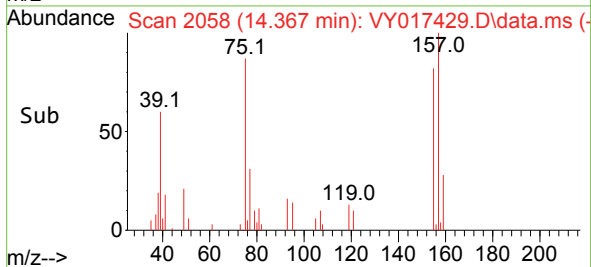
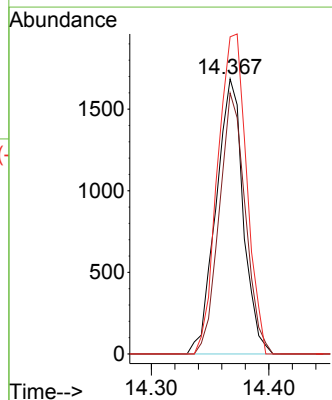
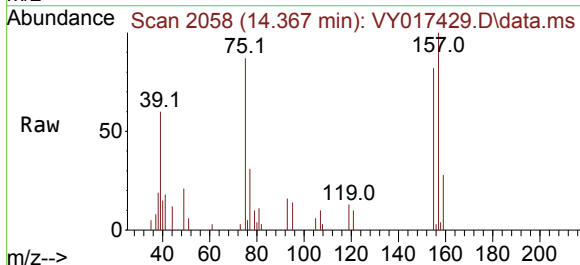
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0221SBS01

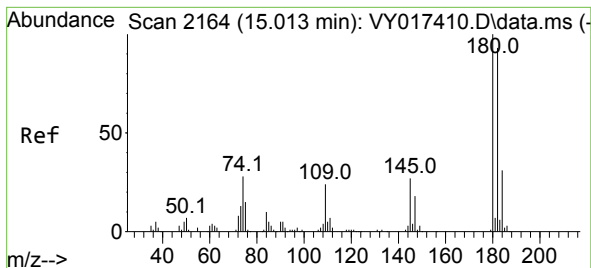
Tgt Ion:146 Resp: 52985  
Ion Ratio Lower Upper  
146 100  
111 38.6 19.9 59.7  
148 63.0 31.8 95.4



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.688 ug/l  
RT: 14.367 min Scan# 2058  
Delta R.T. 0.006 min  
Lab File: VY017429.D  
Acq: 21 Feb 2024 11:42

Tgt Ion: 75 Resp: 2714  
Ion Ratio Lower Upper  
75 100  
155 90.8 48.6 145.8  
157 123.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.769 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

Instrument :

MSVOA\_Y

ClientSampleId :

VY0221SBS01

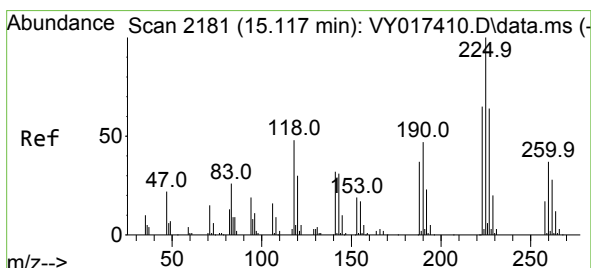
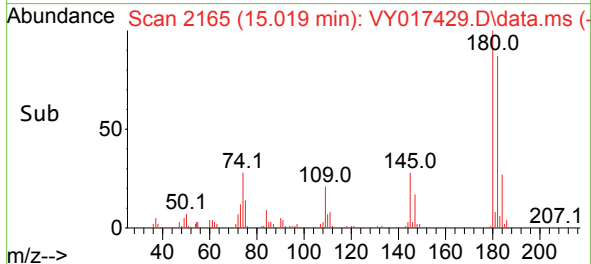
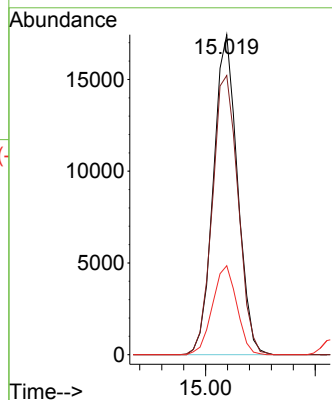
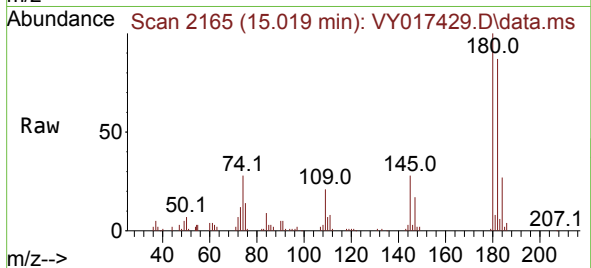
Tgt Ion:180 Resp: 26574

Ion Ratio Lower Upper

180 100

182 93.1 47.9 143.8

145 28.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.988 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

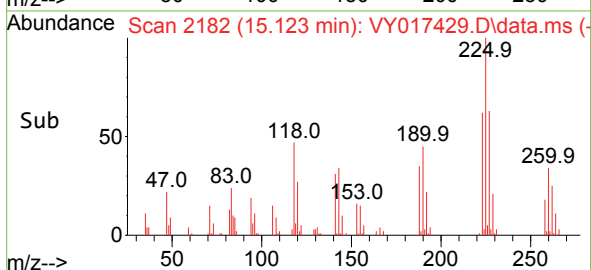
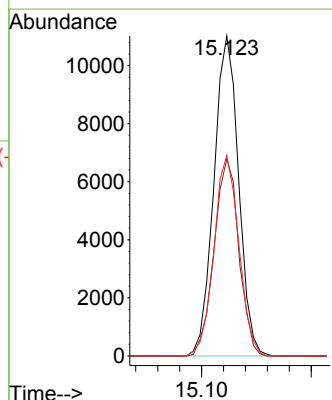
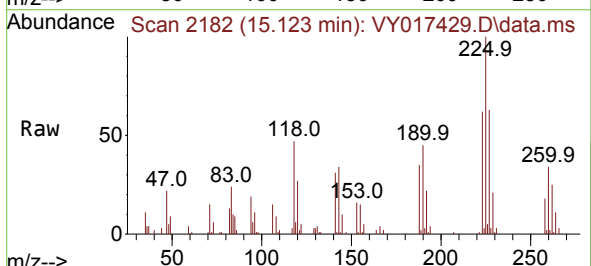
Tgt Ion:225 Resp: 17212

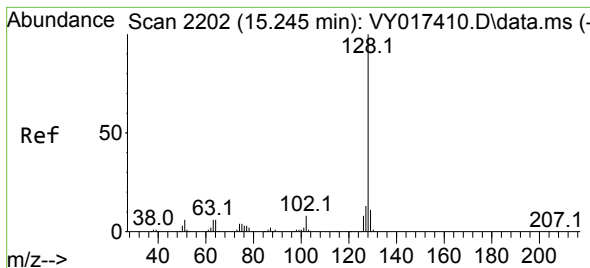
Ion Ratio Lower Upper

225 100

223 61.8 30.4 91.2

227 63.0 31.9 95.9





#95

Naphthalene

Concen: 17.462 ug/l

RT: 15.251 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

Instrument :

MSVOA\_Y

ClientSampleId :

VY0221SBSD01

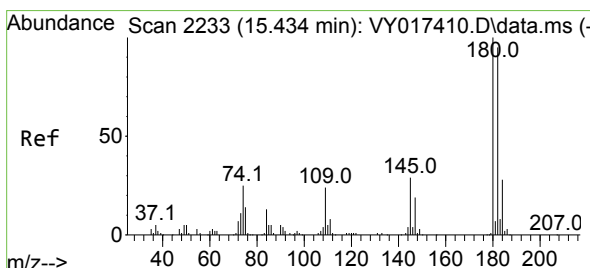
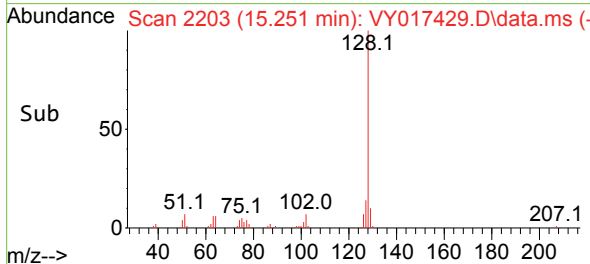
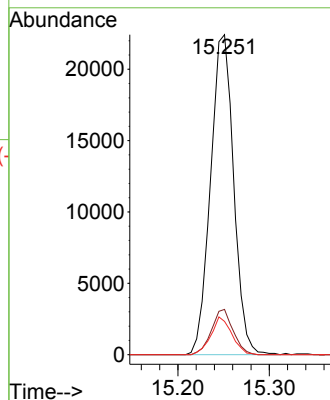
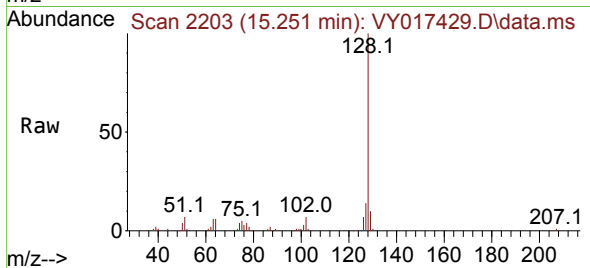
Tgt Ion:128 Resp: 39401

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.909 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY017429.D

Acq: 21 Feb 2024 11:42

Tgt Ion:180 Resp: 21317

Ion Ratio Lower Upper

180 100

182 96.6 47.6 142.9

145 30.1 15.4 46.1

