

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY022624\  
 Data File : VY017478.D  
 Acq On : 26 Feb 2024 13:33  
 Operator : SY/MD  
 Sample : VY0226SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0226SBS01

Quant Time: Feb 27 01:51:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022324S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Feb 24 04:41:20 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.795  | 168  | 149636   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.697  | 114  | 239318   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.495 | 117  | 206512   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.434 | 152  | 92450    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.148  | 65    | 57480    | 40.532   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 81.060% |
| 35) Dibromofluoromethane    | 7.722  | 113   | 67221    | 40.309   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 80.620% |
| 50) Toluene-d8              | 10.185 | 98    | 254174   | 43.592   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 87.180% |
| 62) 4-Bromofluorobenzene    | 12.489 | 95    | 74704    | 40.768   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 81.540% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 20498  | 18.570  | ug/l   | 95  |
| 3) Chloromethane             | 2.119 | 50  | 36159  | 17.929  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.253 | 62  | 47115  | 18.210  | ug/l   | 96  |
| 5) Bromomethane              | 2.649 | 94  | 39308  | 18.643  | ug/l   | 100 |
| 6) Chloroethane              | 2.802 | 64  | 30283  | 18.553  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.131 | 101 | 47069  | 17.850  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.533 | 74  | 13835  | 17.888  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 3.905 | 101 | 27918  | 18.406  | ug/l   | 100 |
| 10) Methyl Iodide            | 4.094 | 142 | 26289  | 15.444  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 4.954 | 59  | 7876   | 65.381  | ug/l # | 88  |
| 12) 1,1-Dichloroethene       | 3.881 | 96  | 25778  | 18.236  | ug/l   | 97  |
| 13) Acrolein                 | 3.735 | 56  | 16855  | 106.042 | ug/l   | 100 |
| 14) Allyl chloride           | 4.491 | 41  | 31174  | 18.252  | ug/l   | 97  |
| 15) Acrylonitrile            | 5.173 | 53  | 26729  | 84.069  | ug/l   | 99  |
| 16) Acetone                  | 3.948 | 43  | 23026  | 83.712  | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.204 | 76  | 74228  | 17.495  | ug/l # | 95  |
| 18) Methyl Acetate           | 4.484 | 43  | 10211  | 15.301  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 5.228 | 73  | 56401  | 17.119  | ug/l   | 97  |
| 20) Methylene Chloride       | 4.722 | 84  | 38271  | 20.444  | ug/l   | 95  |
| 21) trans-1,2-Dichloroethene | 5.228 | 96  | 30162  | 18.224  | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.124 | 45  | 74860  | 18.994  | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.070 | 43  | 203229 | 86.532  | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 6.021 | 63  | 50440  | 18.732  | ug/l   | 98  |
| 25) 2-Butanone               | 6.990 | 43  | 32161  | 82.043  | ug/l   | 93  |
| 26) 2,2-Dichloropropane      | 6.984 | 77  | 42397  | 18.727  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 6.990 | 96  | 34645  | 18.644  | ug/l   | 96  |
| 28) Bromochloromethane       | 7.344 | 49  | 19628  | 18.509  | ug/l   | 96  |
| 29) Tetrahydrofuran          | 7.350 | 42  | 18787  | 79.505  | ug/l   | 98  |
| 30) Chloroform               | 7.514 | 83  | 54025  | 18.845  | ug/l   | 97  |
| 31) Cyclohexane              | 7.789 | 56  | 40867  | 17.707  | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane    | 7.709 | 97  | 45989  | 18.478  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 7.923 | 75  | 39906  | 17.736  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.075 | 43  | 14564  | 16.388  | ug/l # | 76  |
| 38) Carbon Tetrachloride     | 7.905 | 117 | 40611  | 18.009  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.185 | 83  | 45715  | 16.906  | ug/l   | 97  |
| 40) Benzene                  | 8.167 | 78  | 121441 | 18.175  | ug/l   | 99  |

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 Sample : VY0226SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0226SBS01

Quant Time: Feb 27 01:51:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022324S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Feb 24 04:41:20 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.319  | 41   | 6751     | 15.139  | ug/l # | 85       |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 28758    | 17.640  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.276  | 43   | 25150    | 16.105  | ug/l   | 97       |
| 44) Trichloroethene           | 8.947  | 130  | 32749    | 17.004  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.221  | 63   | 28589    | 17.984  | ug/l   | 97       |
| 46) Dibromomethane            | 9.307  | 93   | 15737    | 17.297  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.502  | 83   | 39888    | 18.056  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.301  | 41   | 11289    | 15.618  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 2962     | 287.672 | ug/l # | 90       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 66985    | 76.964  | ug/l   | 99       |
| 52) Toluene                   | 10.252 | 92   | 74816    | 17.761  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 34529    | 16.840  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 44009    | 17.664  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 21698    | 16.797  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 22674    | 16.081  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 35901    | 17.094  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.788  | 63   | 65424    | 87.769  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.837 | 43   | 46375    | 77.574  | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.989 | 129  | 26017    | 17.025  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 20069    | 16.859  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.727 | 164  | 32542    | 16.418  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.520 | 112  | 79518    | 18.141  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 28409    | 17.300  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.599 | 91   | 136300   | 17.730  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.709 | 106  | 107888   | 35.717  | ug/l   | 99       |
| 69) o-Xylene                  | 12.038 | 106  | 49145    | 17.537  | ug/l   | 99       |
| 70) Styrene                   | 12.050 | 104  | 81754    | 17.575  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 14596    | 16.040  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.337 | 105  | 129539   | 18.860  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.148 | 43   | 20213    | 16.686  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 21837    | 18.514  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.642 | 75   | 27101    | 30.852  | ug/l # | 100      |
| 77) Bromobenzene              | 12.617 | 156  | 29995    | 18.033  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.678 | 91   | 156579   | 18.999  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.763 | 91   | 85704    | 18.574  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.818 | 105  | 102497   | 18.627  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.385 | 75   | 6055     | 15.839  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.861 | 91   | 88595    | 18.772  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.080 | 119  | 89832    | 18.591  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.129 | 105  | 101773   | 18.734  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.257 | 105  | 136902   | 18.531  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 110826   | 18.326  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.373 | 146  | 58710    | 17.585  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.452 | 146  | 58826    | 18.123  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.702 | 91   | 99590    | 18.049  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.964 | 117  | 22913    | 18.898  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.745 | 146  | 50580    | 17.911  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 2673     | 16.121  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.013 | 180  | 24929    | 16.712  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 16412    | 17.821  | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 36984    | 15.708  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.434 | 180  | 20860    | 16.301  | ug/l   | 99       |

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Sample : VY0226SBS01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 7 Sample Multiplier: 1

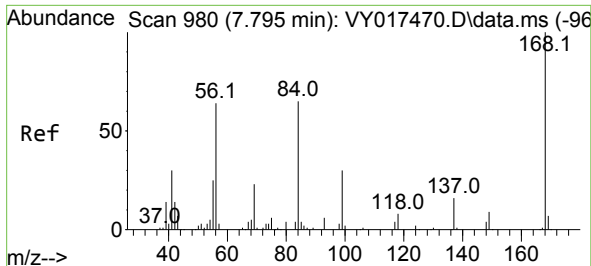
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0226SBS01

Quant Time: Feb 27 01:51:15 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022324S.M  
Quant Title : SW846 8260  
QLast Update : Sat Feb 24 04:41:20 2024  
Response via : Initial Calibration

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

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

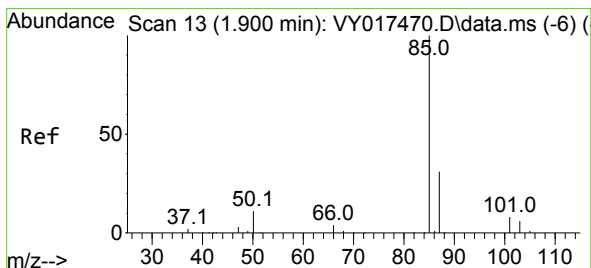
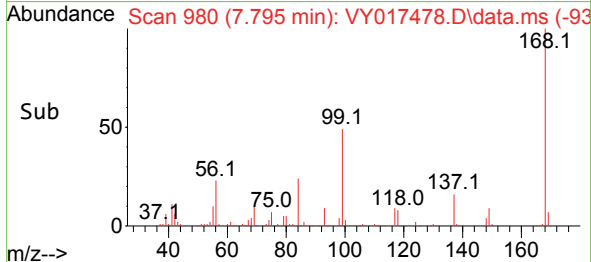
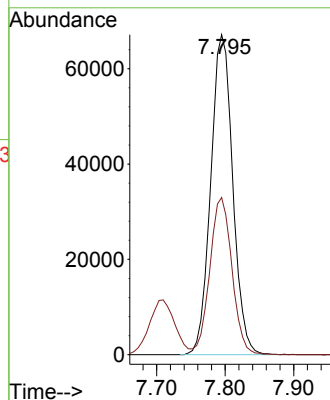
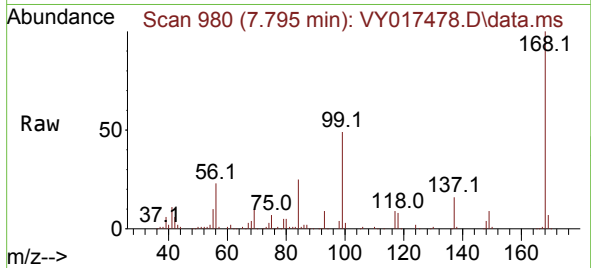




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

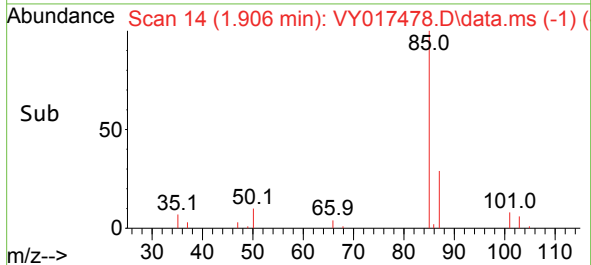
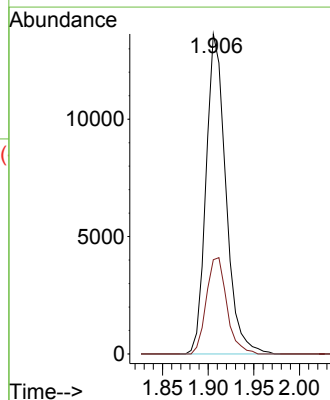
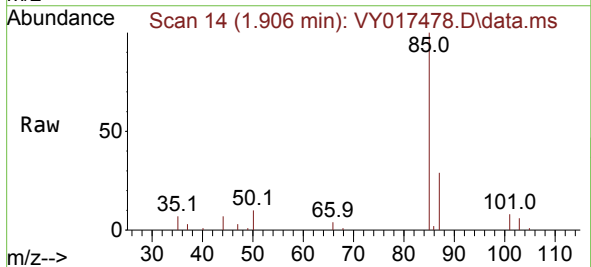
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0226SBS01

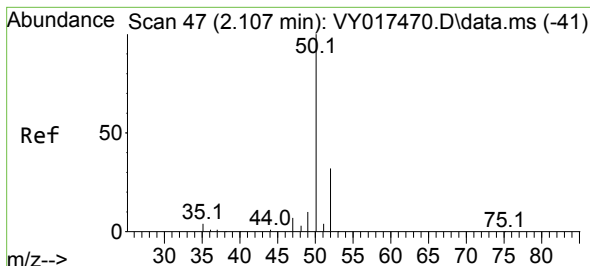
Tgt Ion:168 Resp: 149636  
Ion Ratio Lower Upper  
168 100  
99 49.1 39.1 58.7



#2  
Dichlorodifluoromethane  
Concen: 18.570 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. 0.006 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

Tgt Ion: 85 Resp: 20498  
Ion Ratio Lower Upper  
85 100  
87 29.4 16.0 48.0





#3

Chloromethane

Concen: 17.929 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.012 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Instrument :

MSVOA\_Y

ClientSampleId :

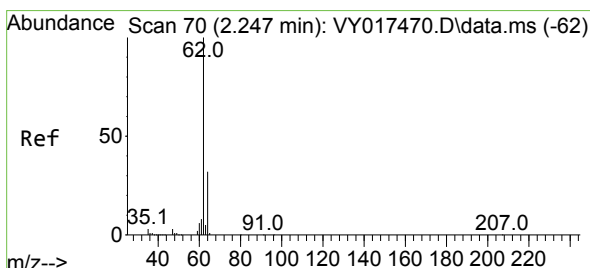
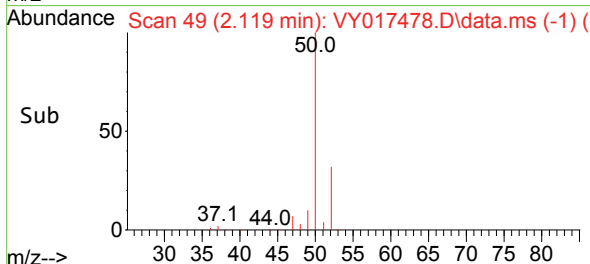
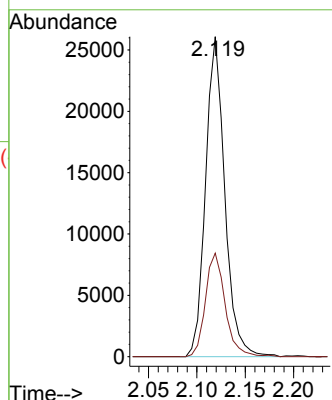
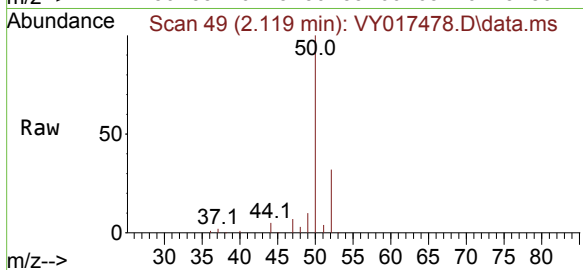
VY0226SBS01

Tgt Ion: 50 Resp: 36159

Ion Ratio Lower Upper

50 100

52 32.4 25.6 38.4



#4

Vinyl Chloride

Concen: 18.210 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY017478.D

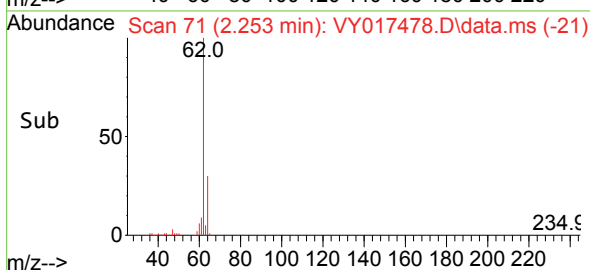
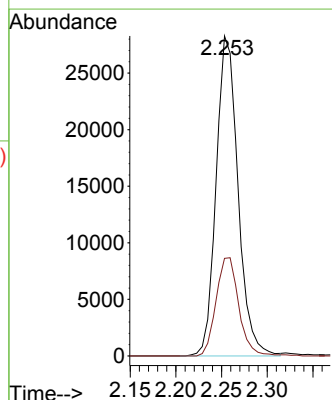
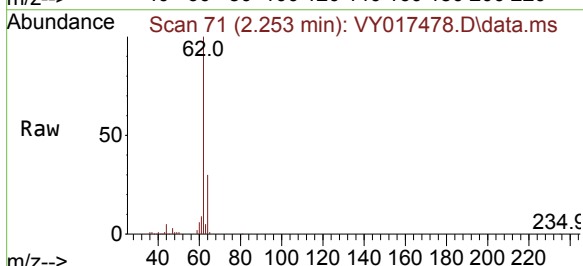
Acq: 26 Feb 2024 13:33

Tgt Ion: 62 Resp: 47115

Ion Ratio Lower Upper

62 100

64 30.5 26.1 39.1

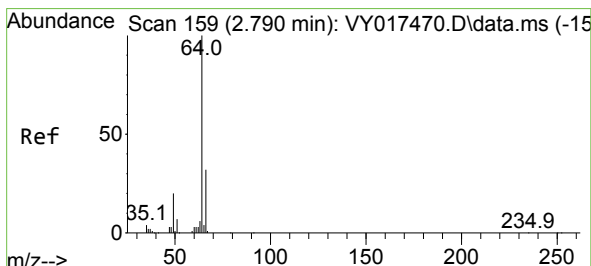
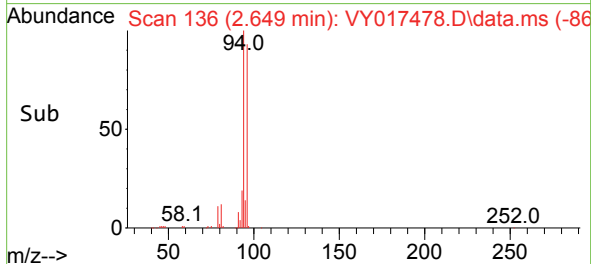
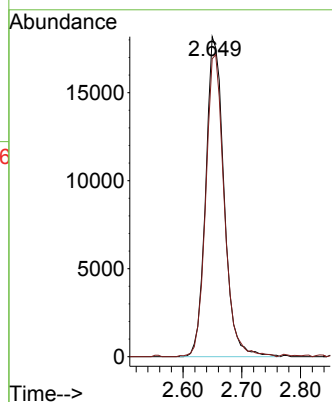
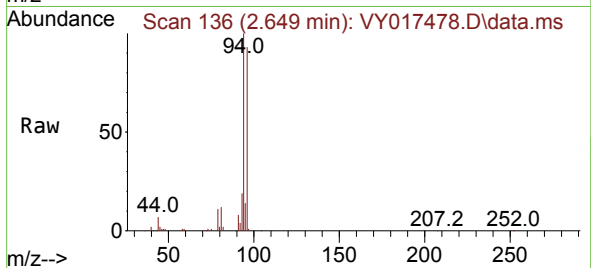




#5  
Bromomethane  
Concen: 18.643 ug/l  
RT: 2.649 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

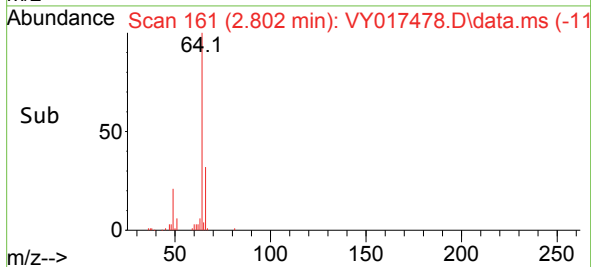
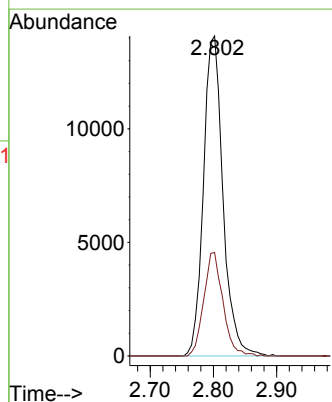
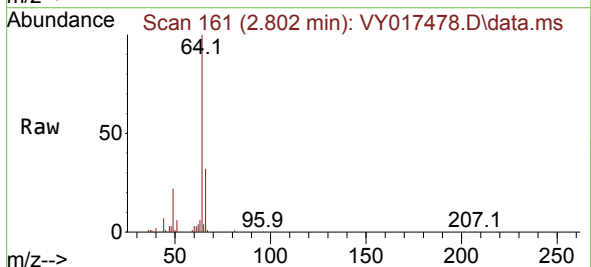
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0226SBS01

Tgt Ion: 94 Resp: 39308  
Ion Ratio Lower Upper  
94 100  
96 92.8 74.1 111.1



#6  
Chloroethane  
Concen: 18.553 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. 0.012 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

Tgt Ion: 64 Resp: 30283  
Ion Ratio Lower Upper  
64 100  
66 32.3 26.1 39.1

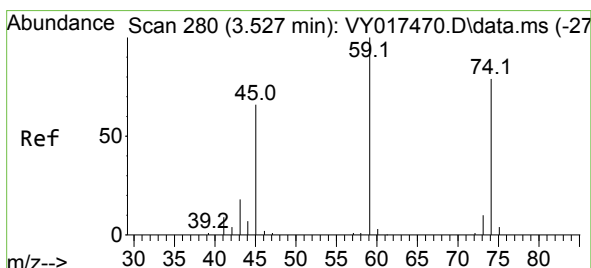
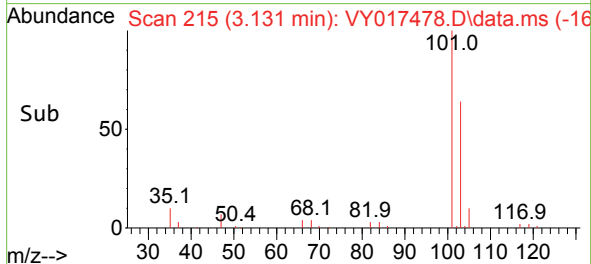
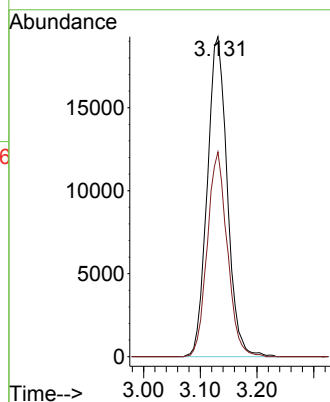
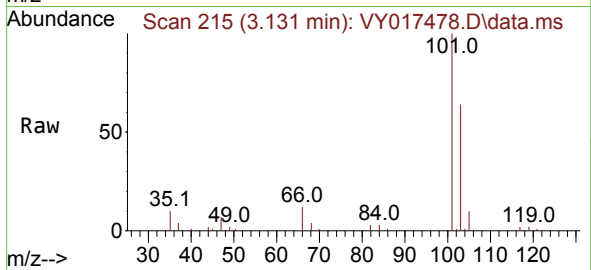




#7  
 Trichlorofluoromethane  
 Concen: 17.850 ug/l  
 RT: 3.131 min Scan# 213  
 Delta R.T. 0.012 min  
 Lab File: VY017478.D  
 Acq: 26 Feb 2024 13:33

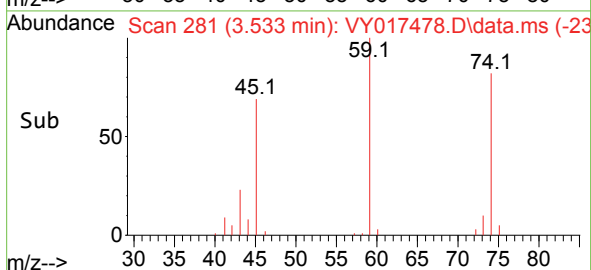
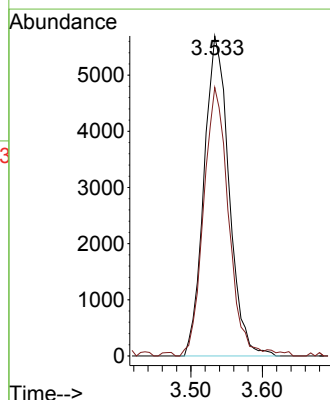
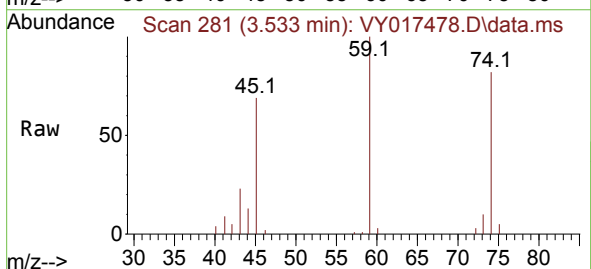
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0226SBS01

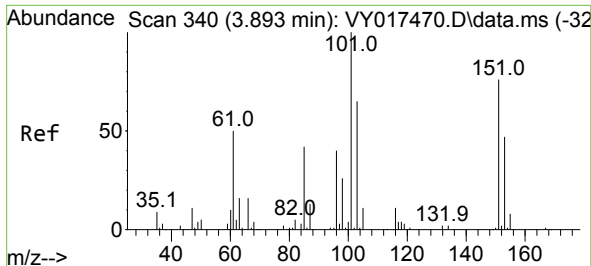
Tgt Ion:101 Resp: 47069  
 Ion Ratio Lower Upper  
 101 100  
 103 64.0 49.3 73.9



#8  
 Diethyl Ether  
 Concen: 17.888 ug/l  
 RT: 3.533 min Scan# 281  
 Delta R.T. 0.006 min  
 Lab File: VY017478.D  
 Acq: 26 Feb 2024 13:33

Tgt Ion: 74 Resp: 13835  
 Ion Ratio Lower Upper  
 74 100  
 45 84.5 41.3 124.1

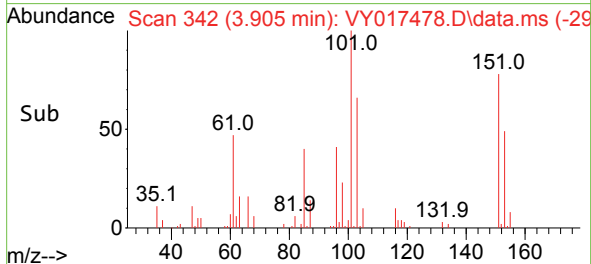
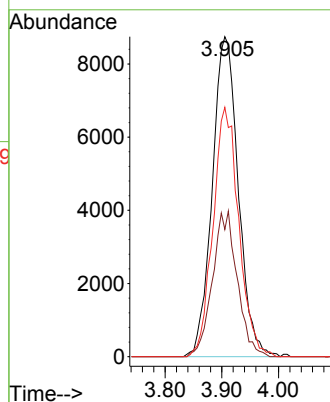
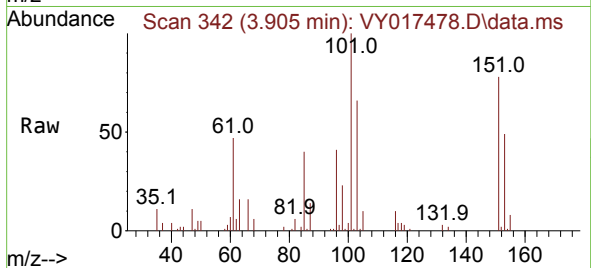




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.406 ug/l  
RT: 3.905 min Scan# 341  
Delta R.T. 0.012 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

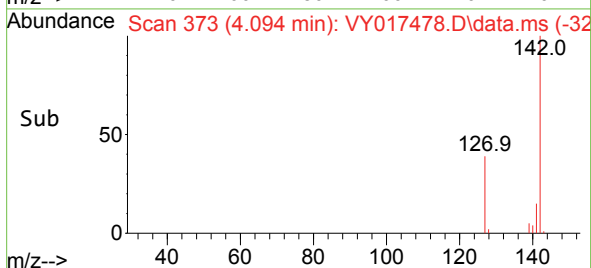
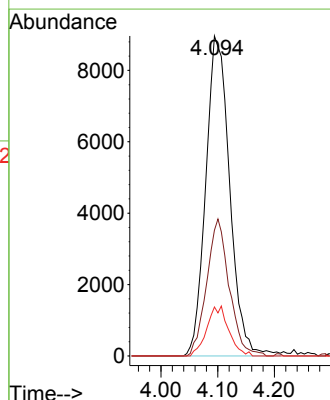
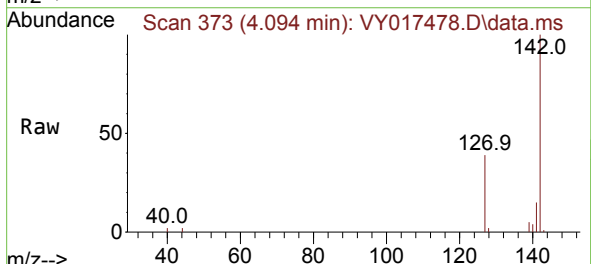
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0226SBS01

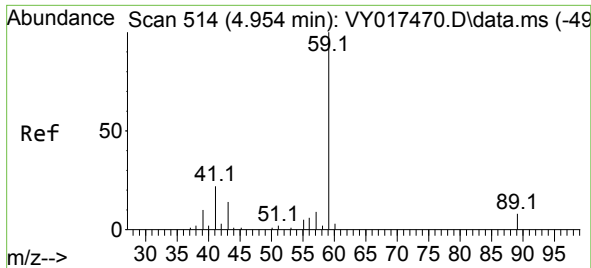
Tgt Ion:101 Resp: 27918  
Ion Ratio Lower Upper  
101 100  
85 43.2 34.5 51.7  
151 77.0 61.7 92.5



#10  
Methyl Iodide  
Concen: 15.444 ug/l  
RT: 4.094 min Scan# 373  
Delta R.T. 0.006 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

Tgt Ion:142 Resp: 26289  
Ion Ratio Lower Upper  
142 100  
127 40.3 32.8 49.2  
141 14.3 11.4 17.2

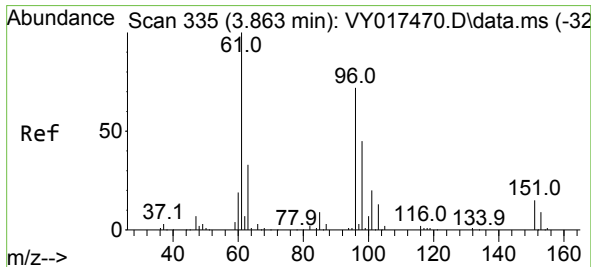
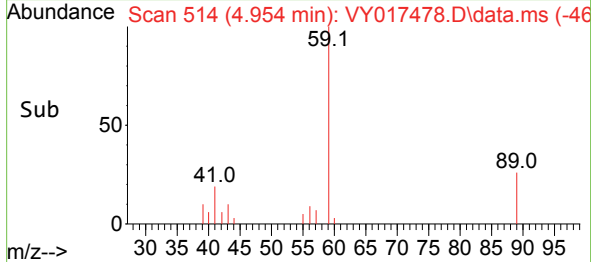
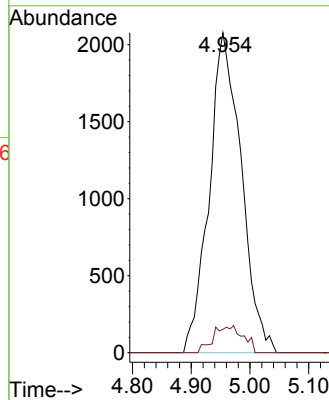
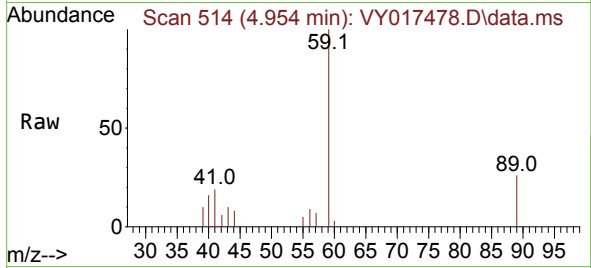




#11  
Tert butyl alcohol  
Concen: 65.381 ug/l  
RT: 4.954 min Scan# 514  
Delta R.T. -0.000 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

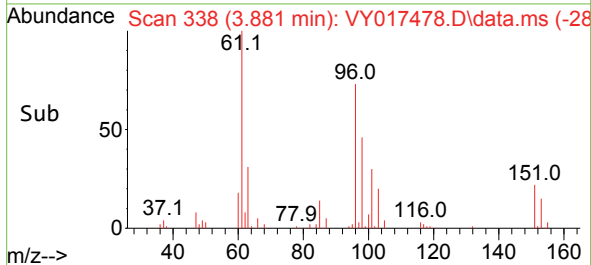
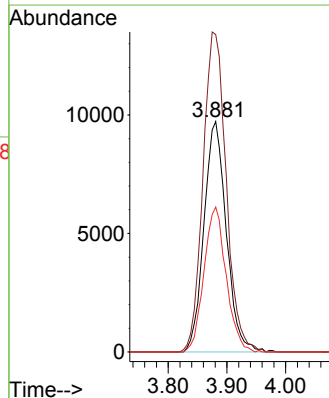
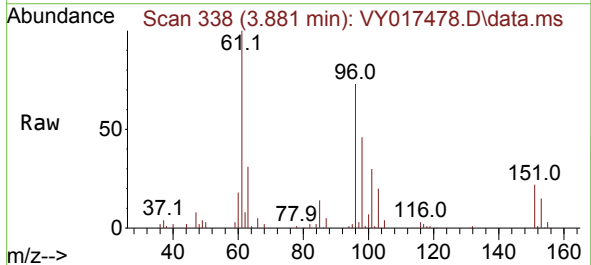
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0226SBS01

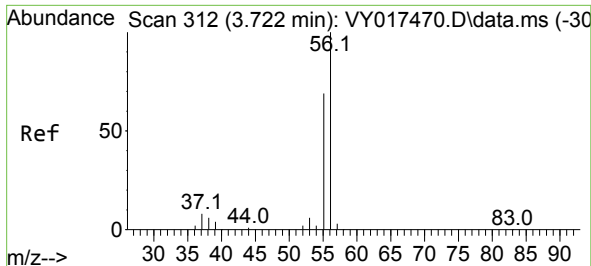
Tgt Ion: 59 Resp: 7876  
Ion Ratio Lower Upper  
59 100  
57 7.8 3.0 4.6#



#12  
1,1-Dichloroethene  
Concen: 18.236 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. 0.018 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

Tgt Ion: 96 Resp: 25778  
Ion Ratio Lower Upper  
96 100  
61 137.8 114.6 171.8  
98 62.9 50.8 76.2





#13

Acrolein

Concen: 106.042 ug/l

RT: 3.735 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Instrument :

MSVOA\_Y

ClientSampleId :

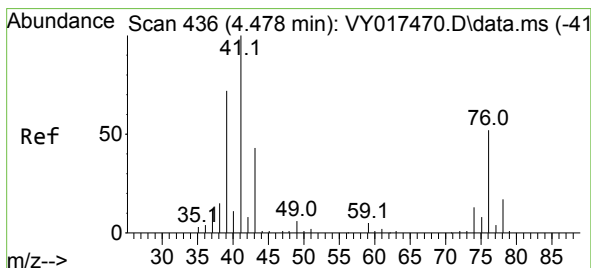
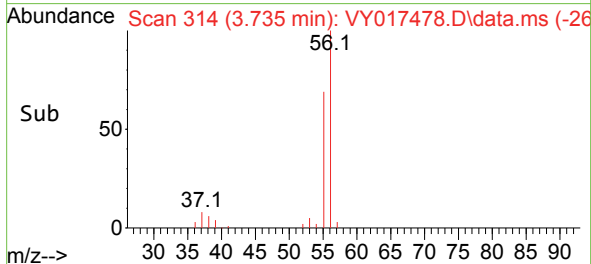
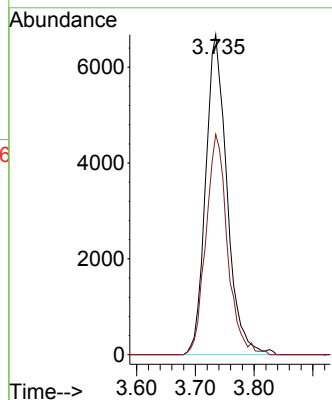
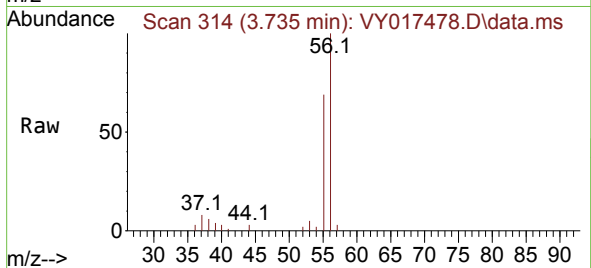
VY0226SBS01

Tgt Ion: 56 Resp: 16855

Ion Ratio Lower Upper

56 100

55 69.6 55.7 83.5



#14

Allyl chloride

Concen: 18.252 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

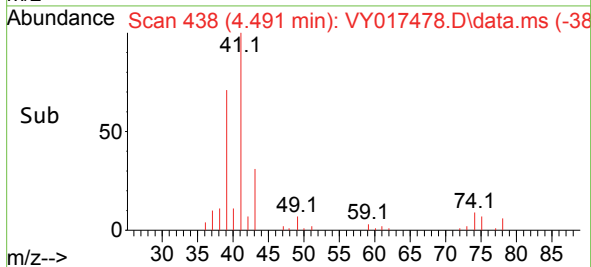
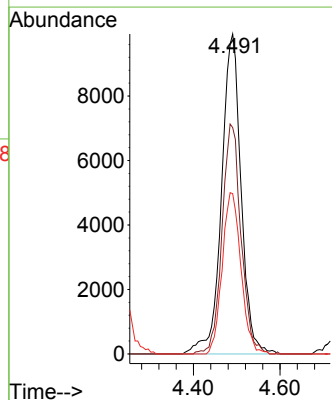
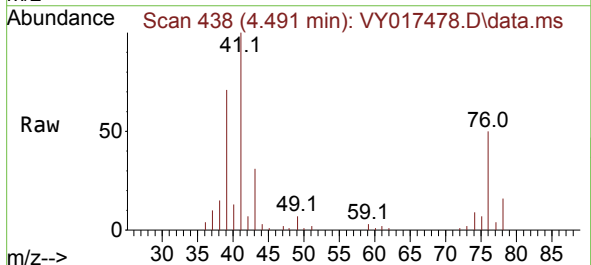
Tgt Ion: 41 Resp: 31174

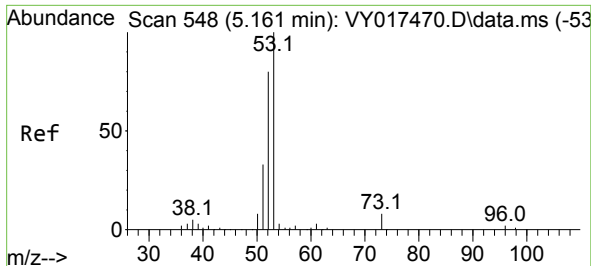
Ion Ratio Lower Upper

41 100

39 69.6 58.3 87.5

76 48.4 39.0 58.6

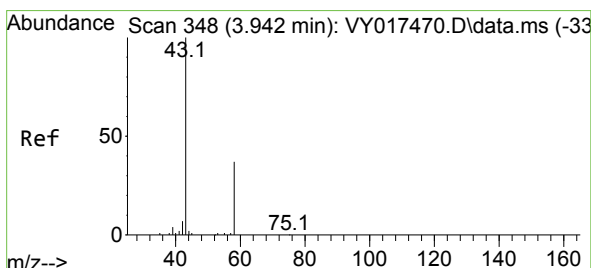
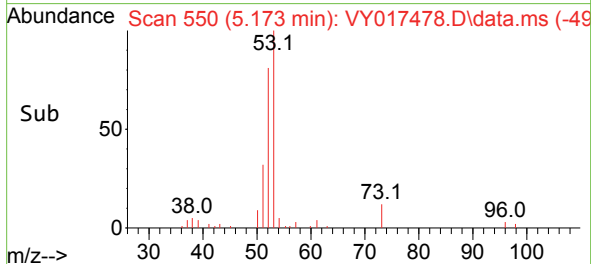
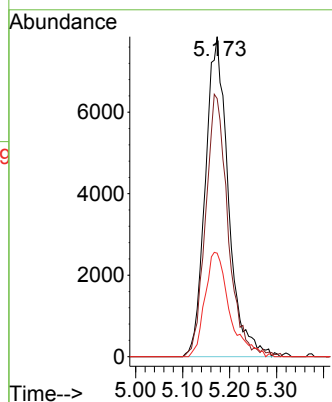
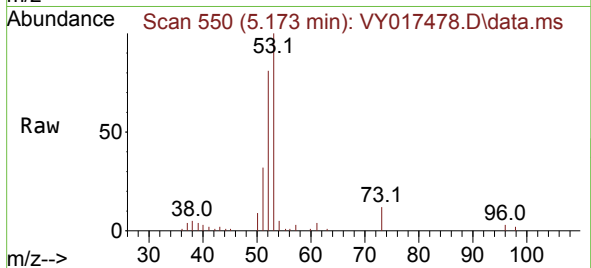




#15  
Acrylonitrile  
Concen: 84.069 ug/l  
RT: 5.173 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

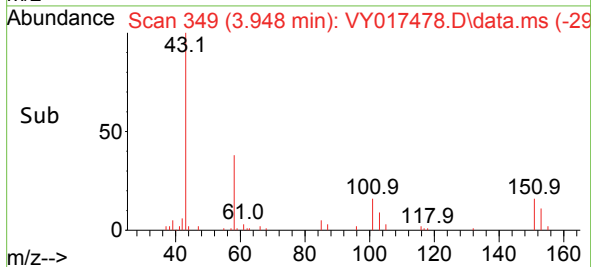
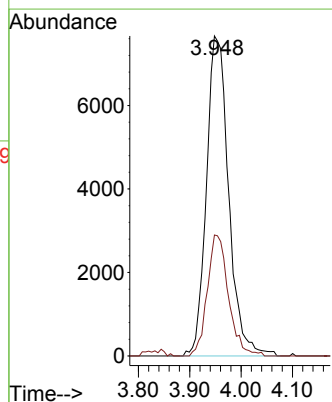
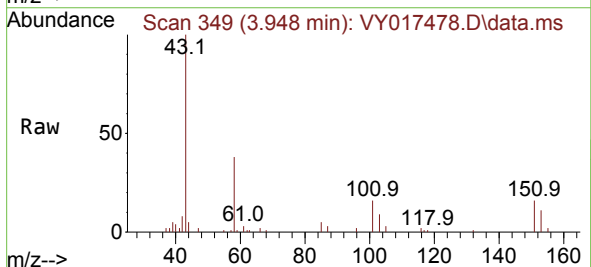
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0226SBS01

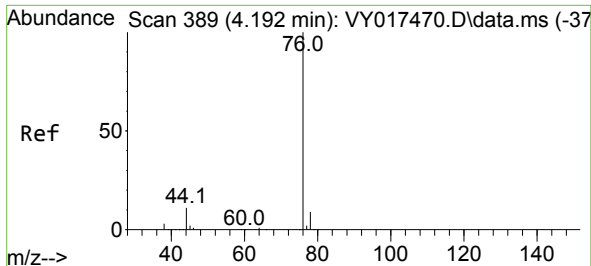
Tgt Ion: 53 Resp: 26729  
Ion Ratio Lower Upper  
53 100  
52 80.2 64.7 97.1  
51 34.8 28.4 42.6



#16  
Acetone  
Concen: 83.712 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. 0.006 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

Tgt Ion: 43 Resp: 23026  
Ion Ratio Lower Upper  
43 100  
58 37.8 31.7 47.5

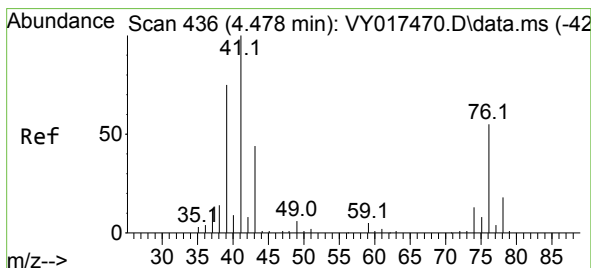
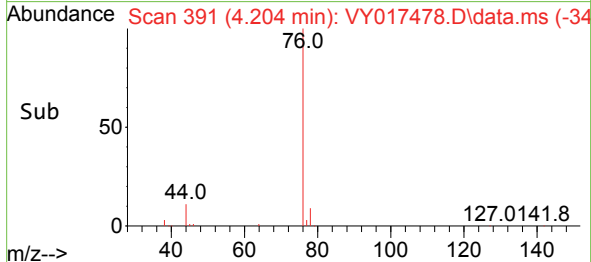
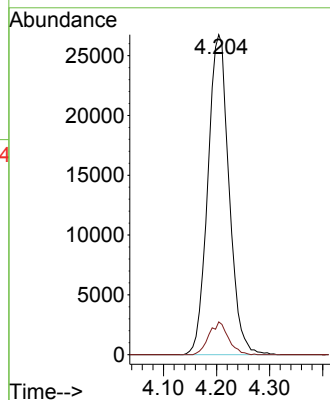
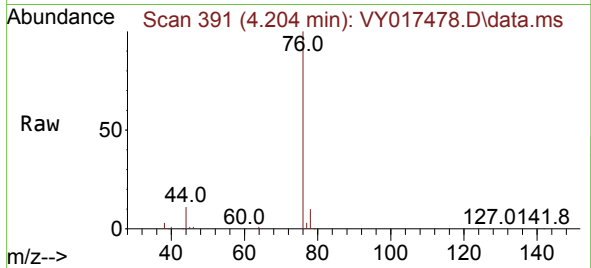




#17  
Carbon Disulfide  
Concen: 17.495 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. 0.012 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

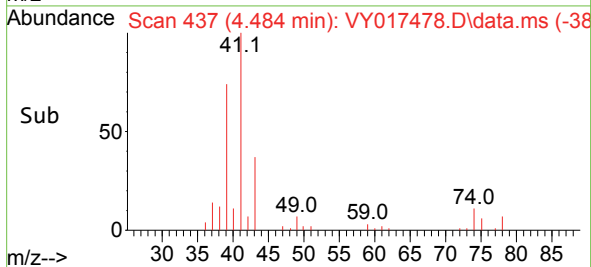
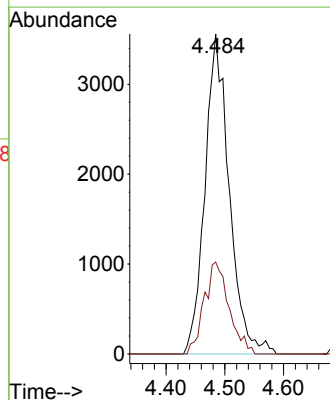
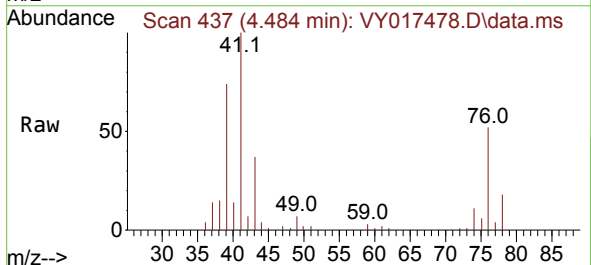
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0226SBS01

Tgt Ion: 76 Resp: 74228  
Ion Ratio Lower Upper  
76 100  
78 10.3 6.8 10.2#



#18  
Methyl Acetate  
Concen: 15.301 ug/l  
RT: 4.484 min Scan# 437  
Delta R.T. 0.006 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

Tgt Ion: 43 Resp: 10211  
Ion Ratio Lower Upper  
43 100  
74 29.3 23.3 34.9

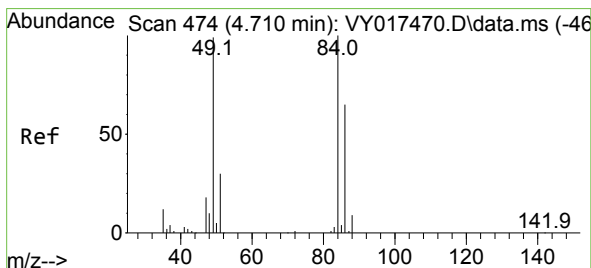
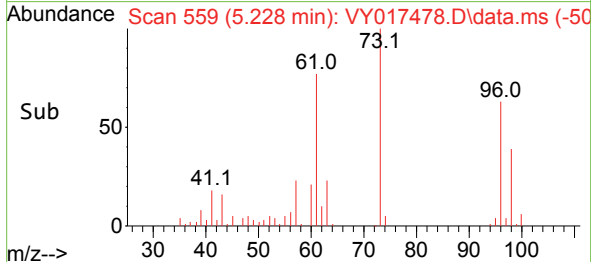
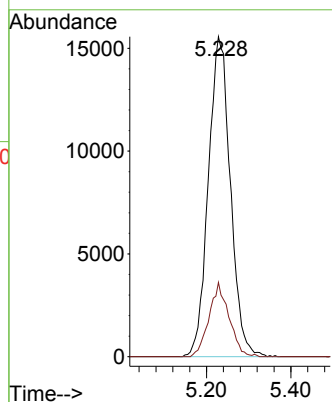
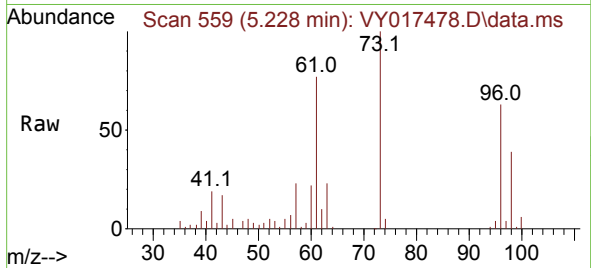




#19  
Methyl tert-butyl Ether  
Concen: 17.119 ug/l  
RT: 5.228 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

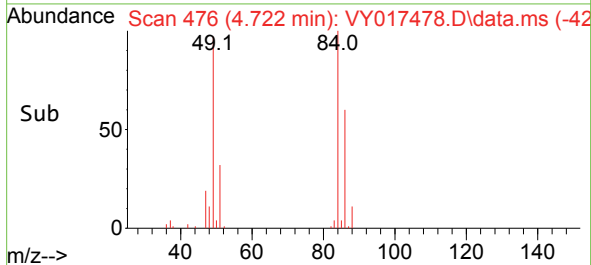
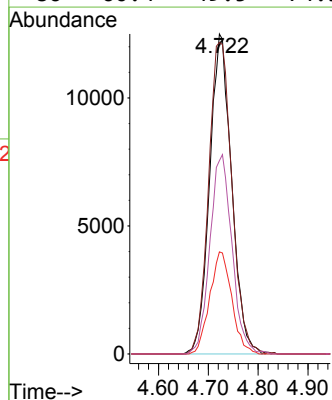
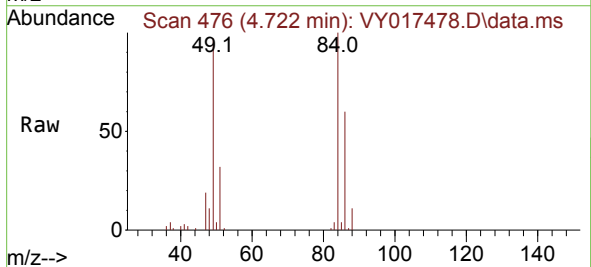
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0226SBS01

Tgt Ion: 73 Resp: 56401  
Ion Ratio Lower Upper  
73 100  
57 23.2 17.3 25.9



#20  
Methylene Chloride  
Concen: 20.444 ug/l  
RT: 4.722 min Scan# 476  
Delta R.T. 0.012 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

Tgt Ion: 84 Resp: 38271  
Ion Ratio Lower Upper  
84 100  
49 97.4 84.4 126.6  
51 31.9 26.0 39.0  
86 60.4 49.5 74.3

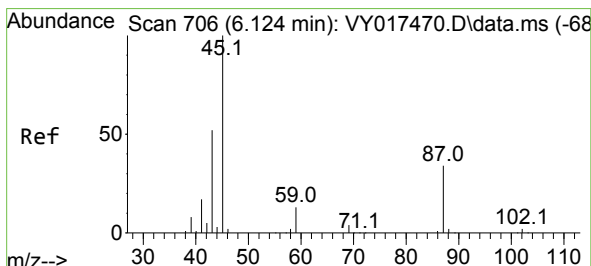
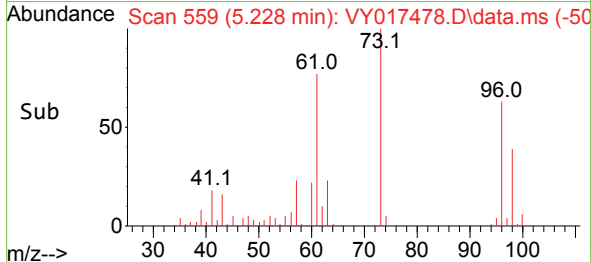
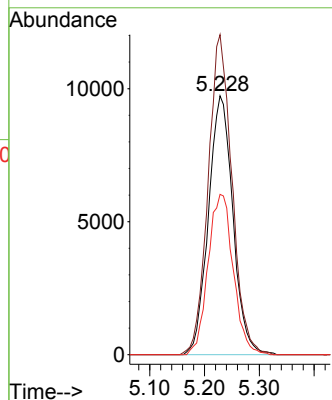
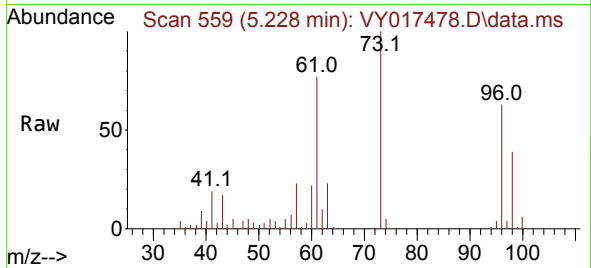




#21  
trans-1,2-Dichloroethene  
Concen: 18.224 ug/l  
RT: 5.228 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

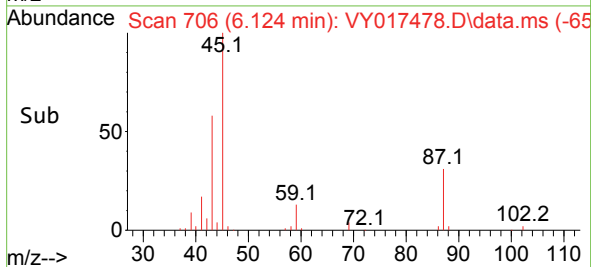
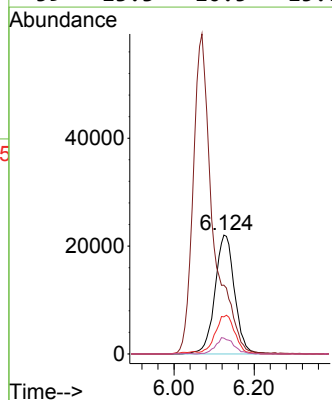
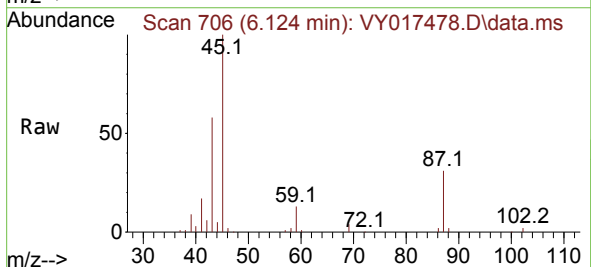
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0226SBS01

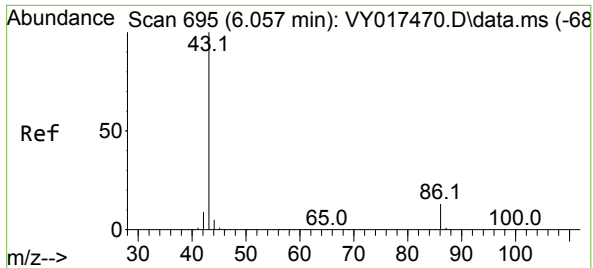
Tgt Ion: 96 Resp: 30162  
Ion Ratio Lower Upper  
96 100  
61 123.6 97.5 146.3  
98 61.9 50.5 75.7



#22  
Diisopropyl ether  
Concen: 18.994 ug/l  
RT: 6.124 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

Tgt Ion: 45 Resp: 74860  
Ion Ratio Lower Upper  
45 100  
43 57.1 42.2 63.2  
87 31.2 25.0 37.6  
59 13.3 10.5 15.7

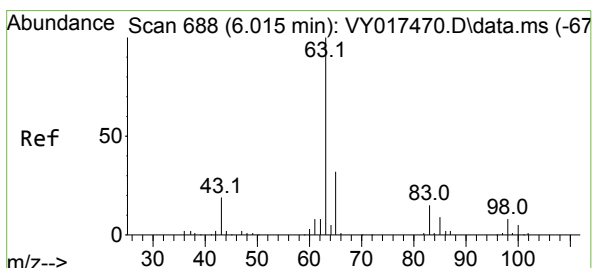
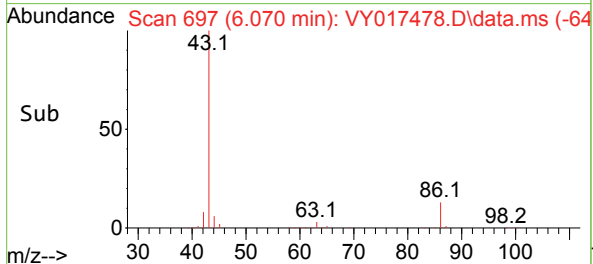
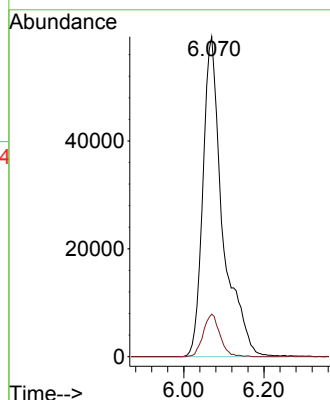
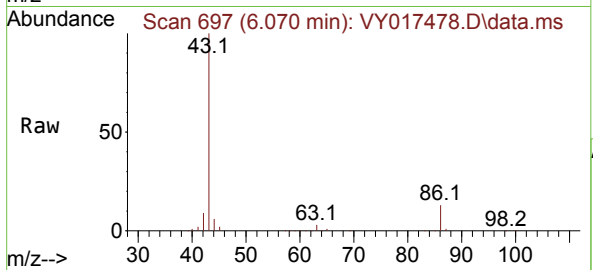




#23  
 Vinyl Acetate  
 Concen: 86.532 ug/l  
 RT: 6.070 min Scan# 61  
 Delta R.T. 0.012 min  
 Lab File: VY017478.D  
 Acq: 26 Feb 2024 13:33

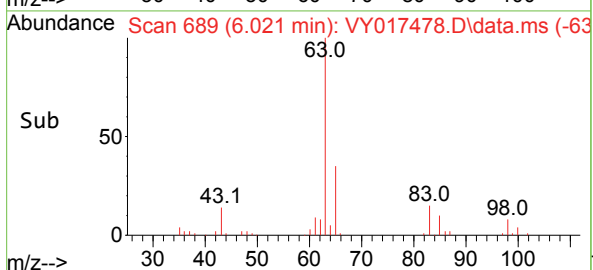
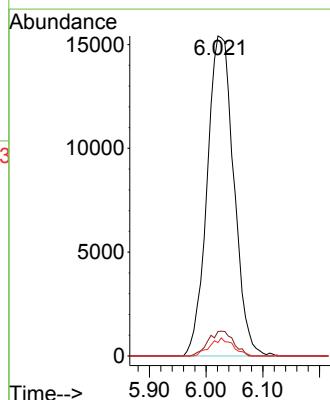
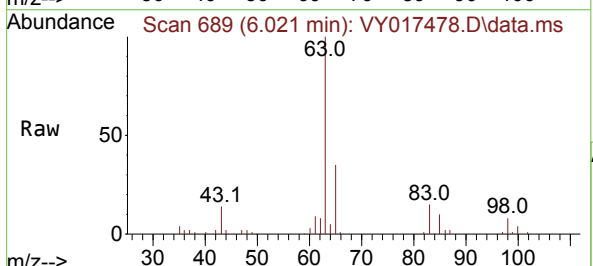
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0226SBS01

Tgt Ion: 43 Resp: 203229  
 Ion Ratio Lower Upper  
 43 100  
 86 13.3 10.6 16.0



#24  
 1,1-Dichloroethane  
 Concen: 18.732 ug/l  
 RT: 6.021 min Scan# 689  
 Delta R.T. 0.006 min  
 Lab File: VY017478.D  
 Acq: 26 Feb 2024 13:33

Tgt Ion: 63 Resp: 50440  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 4.0 12.2  
 100 4.2 2.6 8.0





#25

2-Butanone

Concen: 82.043 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Instrument :

MSVOA\_Y

ClientSampleId :

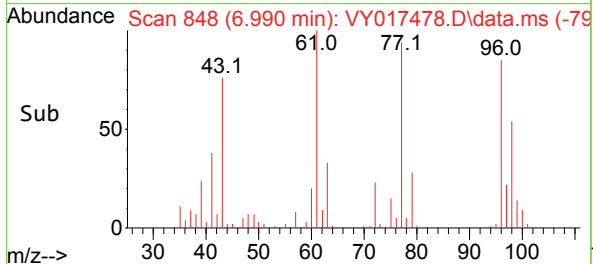
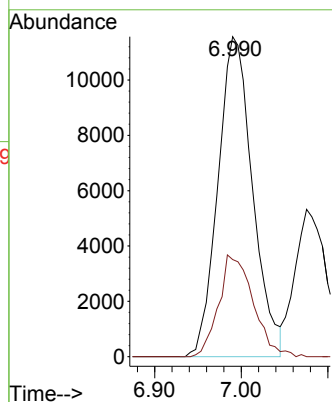
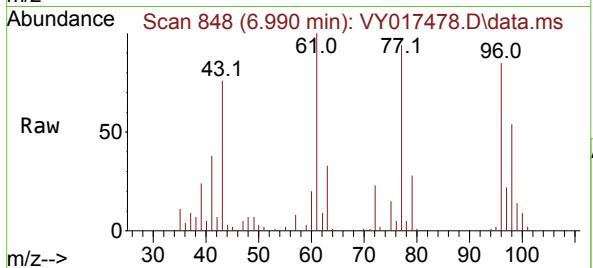
VY0226SBS01

Tgt Ion: 43 Resp: 32161

Ion Ratio Lower Upper

43 100

72 30.4 27.3 40.9



#26

2,2-Dichloropropane

Concen: 18.727 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY017478.D

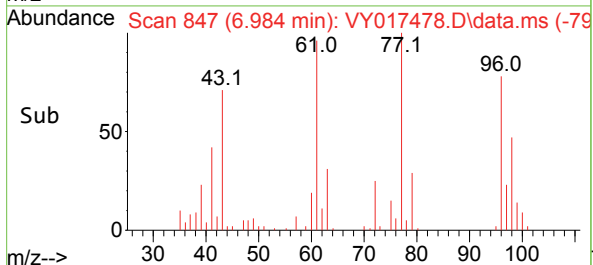
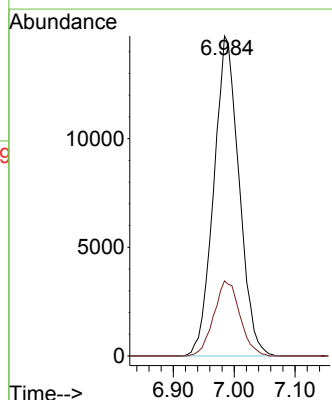
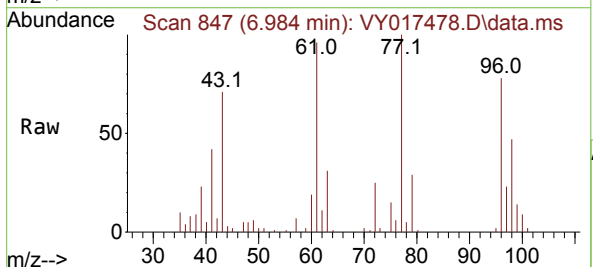
Acq: 26 Feb 2024 13:33

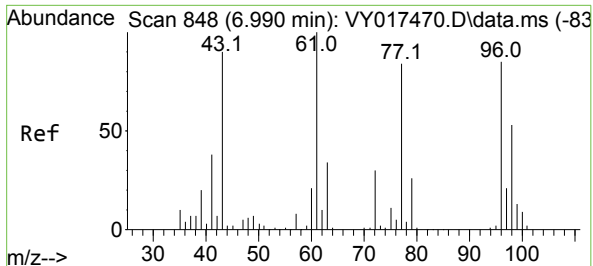
Tgt Ion: 77 Resp: 42397

Ion Ratio Lower Upper

77 100

97 24.2 12.0 36.1

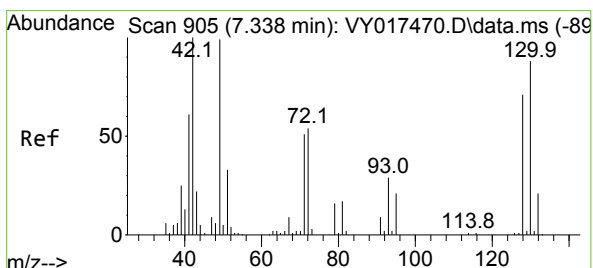
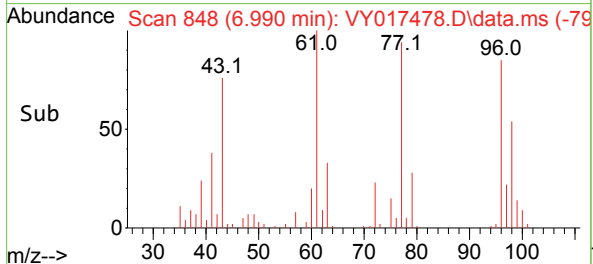
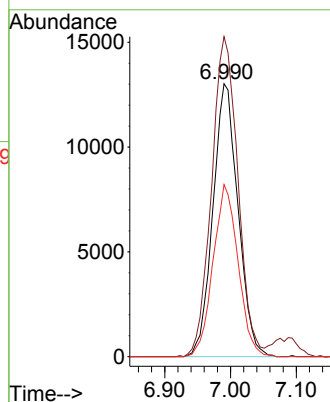
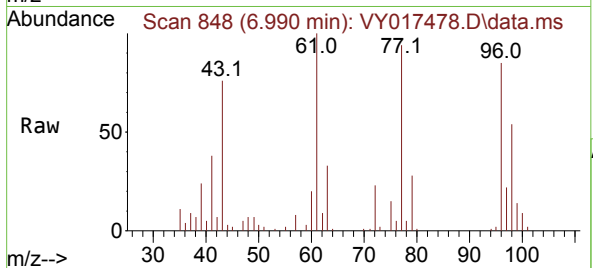




#27  
 cis-1,2-Dichloroethene  
 Concen: 18.644 ug/l  
 RT: 6.990 min Scan# 848  
 Delta R.T. -0.000 min  
 Lab File: VY017478.D  
 Acq: 26 Feb 2024 13:33

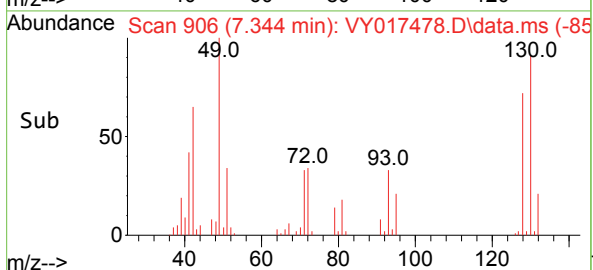
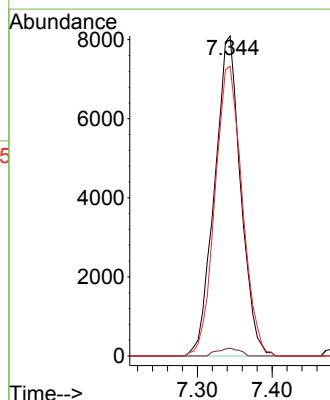
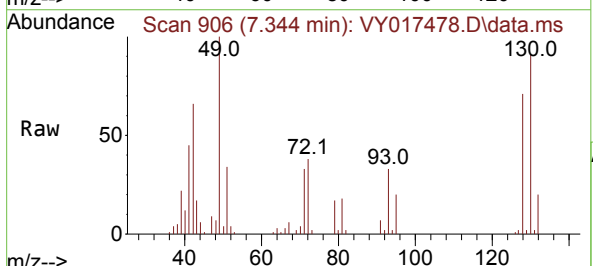
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0226SBS01

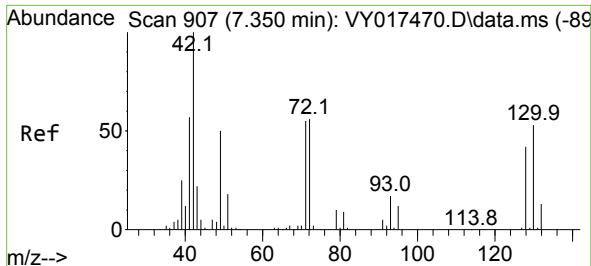
Tgt Ion: 96 Resp: 34645  
 Ion Ratio Lower Upper  
 96 100  
 61 122.8 0.0 256.2  
 98 62.7 0.0 130.0



#28  
 Bromochloromethane  
 Concen: 18.509 ug/l  
 RT: 7.344 min Scan# 906  
 Delta R.T. 0.006 min  
 Lab File: VY017478.D  
 Acq: 26 Feb 2024 13:33

Tgt Ion: 49 Resp: 19628  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 4.6  
 130 94.5 72.7 109.1





#29

Tetrahydrofuran

Concen: 79.505 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0226SBS01

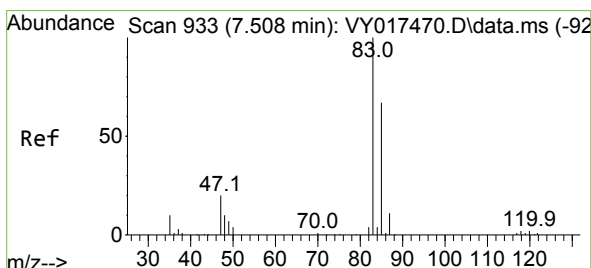
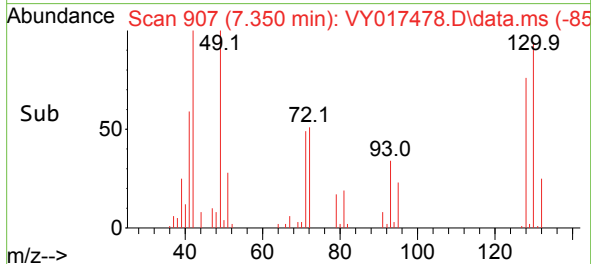
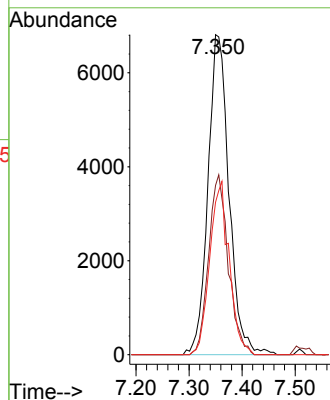
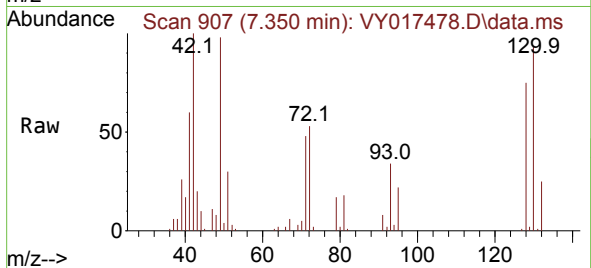
Tgt Ion: 42 Resp: 18787

Ion Ratio Lower Upper

42 100

72 52.7 43.0 64.4

71 49.8 40.8 61.2



#30

Chloroform

Concen: 18.845 ug/l

RT: 7.514 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY017478.D

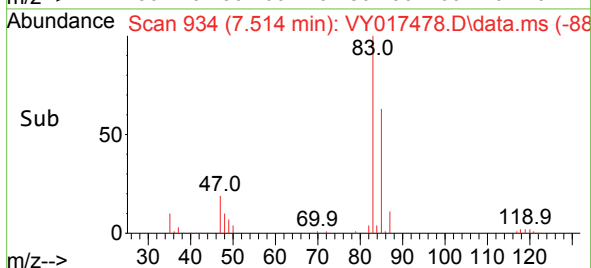
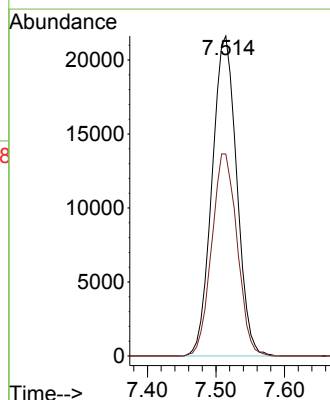
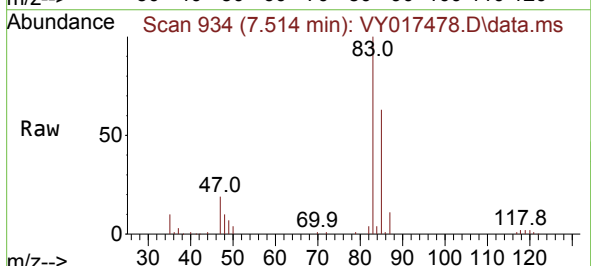
Acq: 26 Feb 2024 13:33

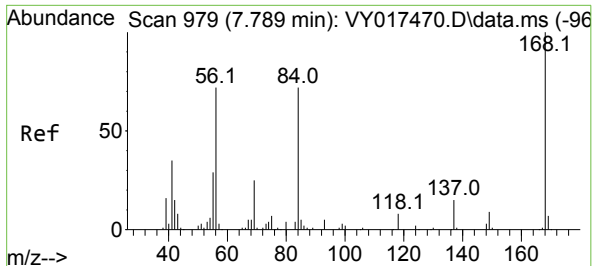
Tgt Ion: 83 Resp: 54025

Ion Ratio Lower Upper

83 100

85 63.1 52.2 78.4

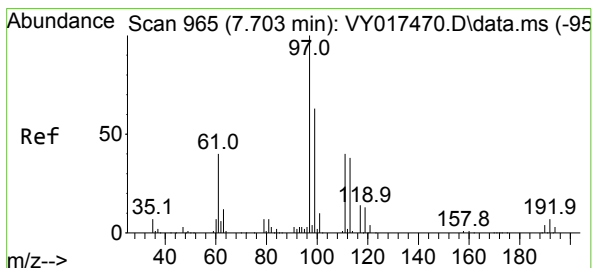
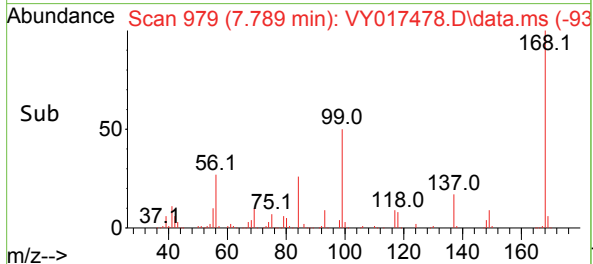
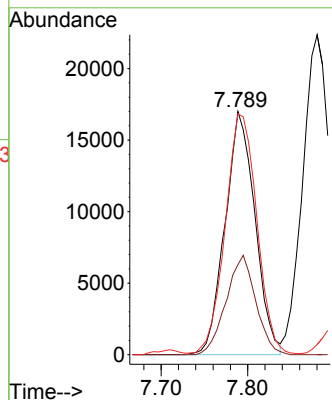
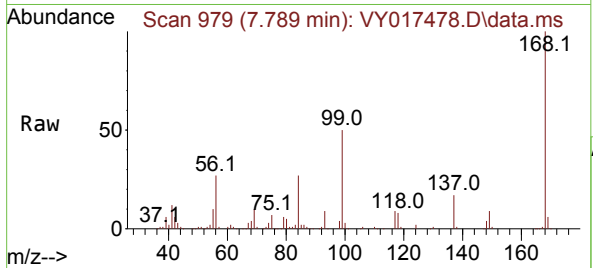




#31  
Cyclohexane  
Concen: 17.707 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

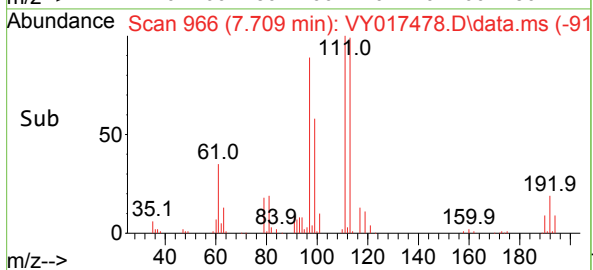
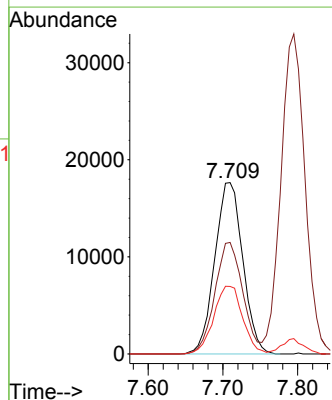
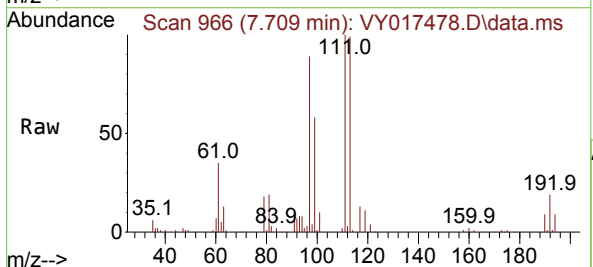
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0226SBS01

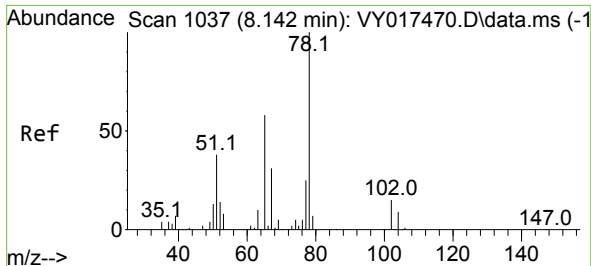
Tgt Ion: 56 Resp: 40867  
Ion Ratio Lower Upper  
56 100  
69 37.0 28.7 43.1  
84 98.1 77.7 116.5



#32  
1,1,1-Trichloroethane  
Concen: 18.478 ug/l  
RT: 7.709 min Scan# 966  
Delta R.T. 0.006 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

Tgt Ion: 97 Resp: 45989  
Ion Ratio Lower Upper  
97 100  
99 65.4 50.3 75.5  
61 40.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 40.532 ug/l

RT: 8.148 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Instrument :

MSVOA\_Y

ClientSampleId :

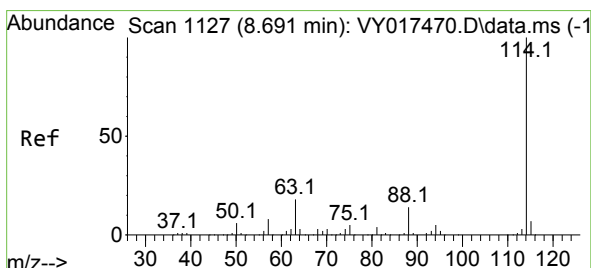
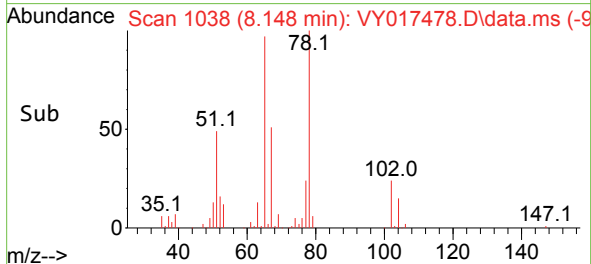
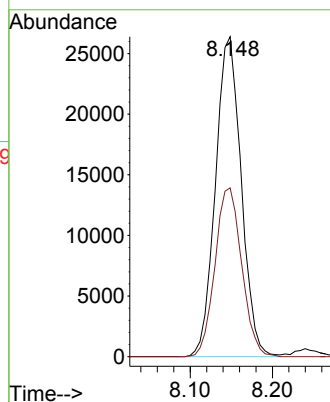
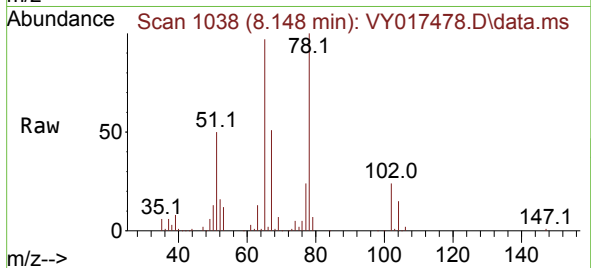
VY0226SBS01

Tgt Ion: 65 Resp: 57480

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

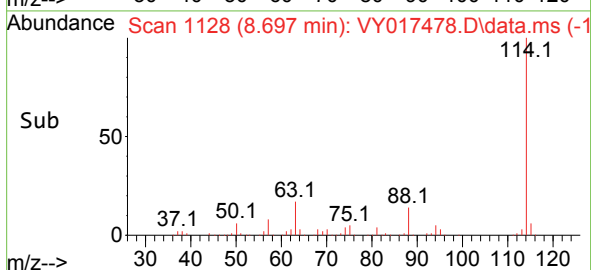
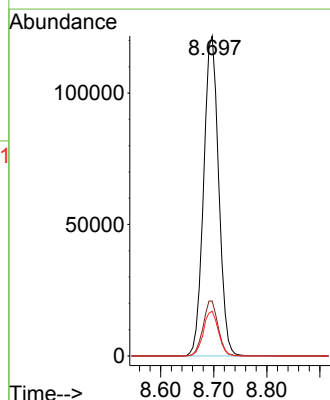
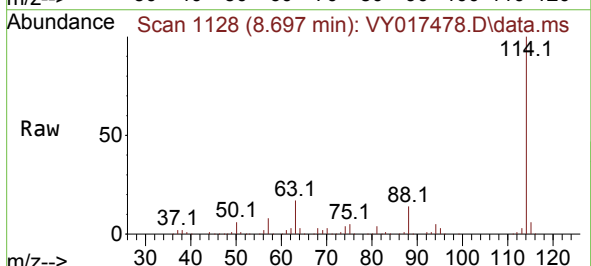
Tgt Ion:114 Resp: 239318

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 13.9 0.0 27.2

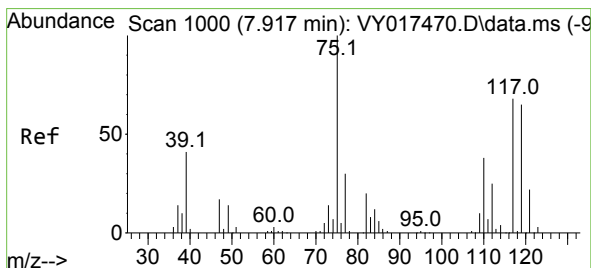
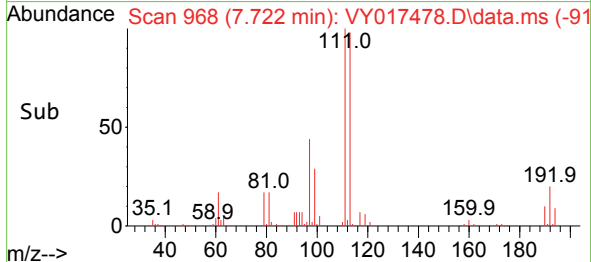
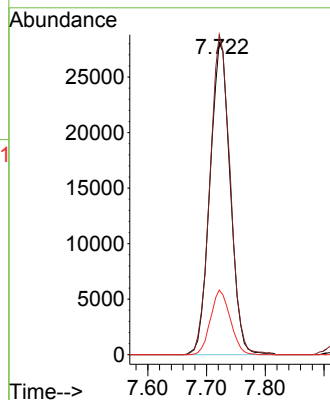
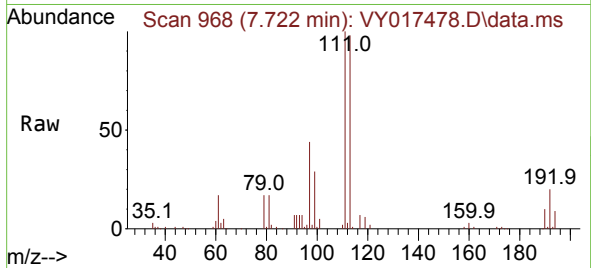




#35  
Dibromofluoromethane  
Concen: 40.309 ug/l  
RT: 7.722 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

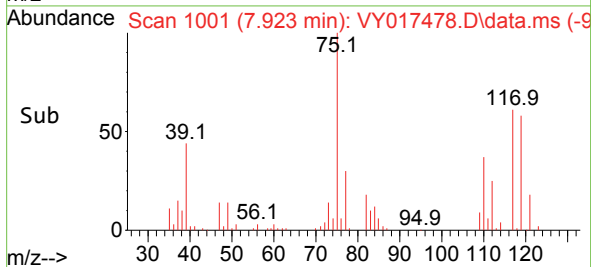
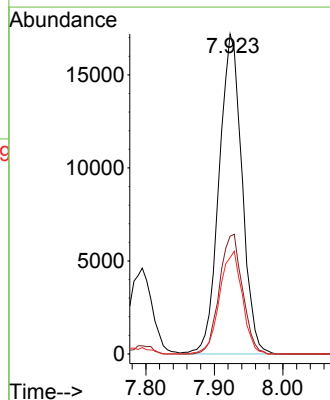
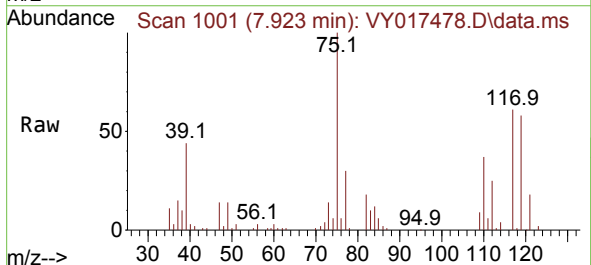
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0226SBS01

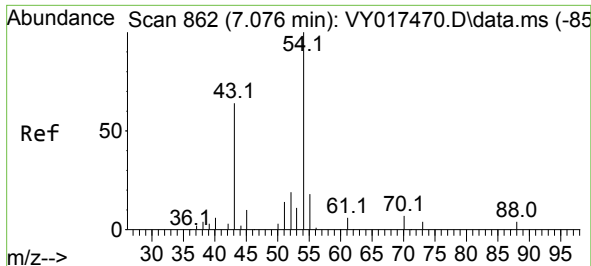
Tgt Ion:113 Resp: 67221  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.2 123.4  
192 20.2 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 17.736 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. 0.006 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

Tgt Ion: 75 Resp: 39906  
Ion Ratio Lower Upper  
75 100  
110 37.6 19.0 57.0  
77 31.9 25.3 37.9





#37

Ethyl Acetate

Concen: 16.388 ug/l

RT: 7.075 min Scan# 8

Delta R.T. -0.000 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0226SBS01

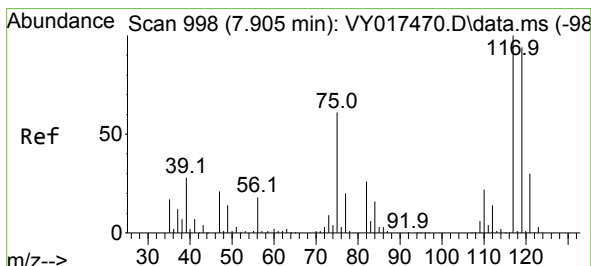
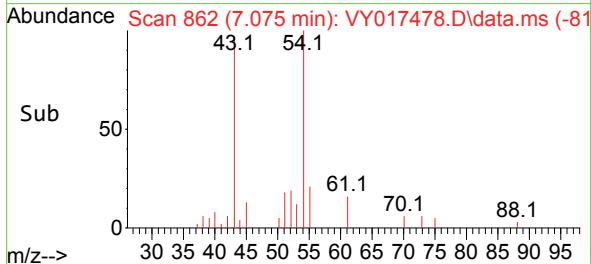
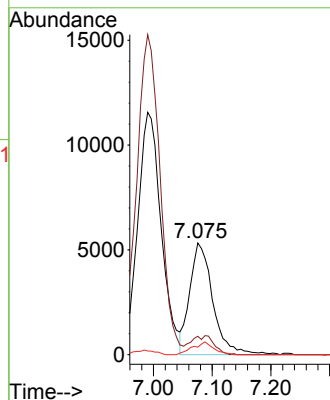
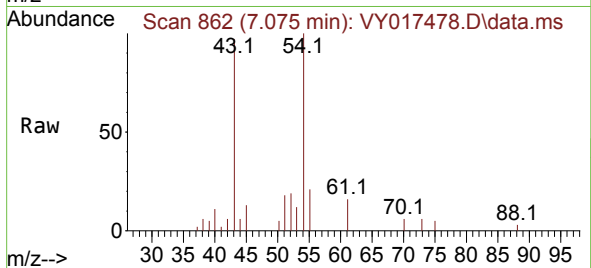
Tgt Ion: 43 Resp: 14564

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 10.3 7.8 11.8



#38

Carbon Tetrachloride

Concen: 18.009 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.000 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

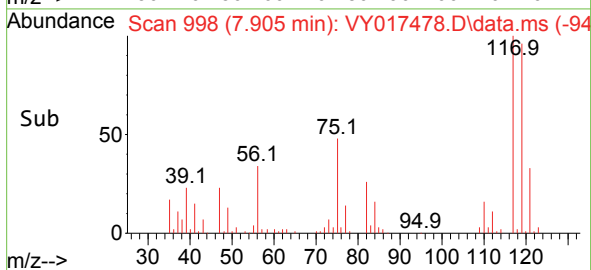
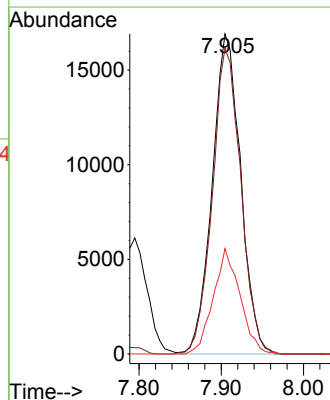
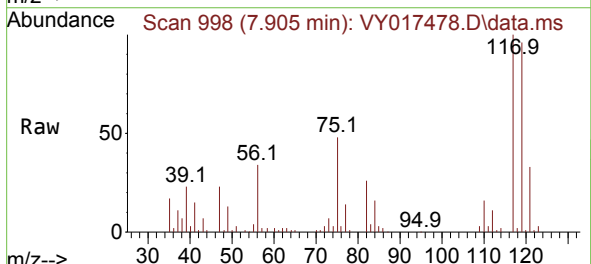
Tgt Ion: 117 Resp: 40611

Ion Ratio Lower Upper

117 100

119 95.6 75.8 113.6

121 32.9 24.0 36.0





#39

Methylcyclohexane

Concen: 16.906 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0226SBS01

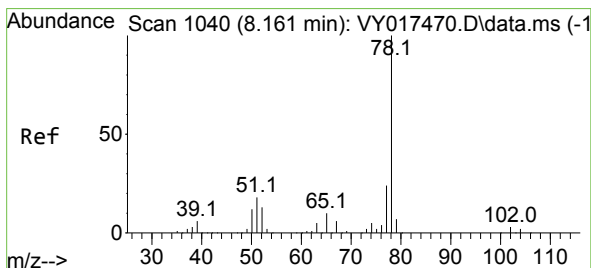
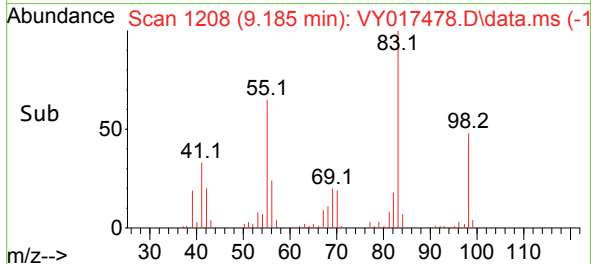
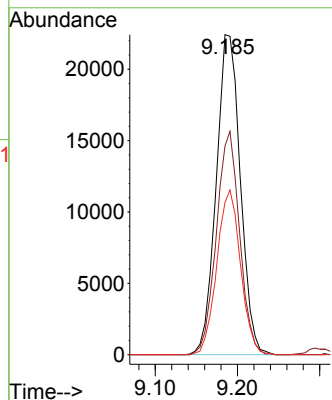
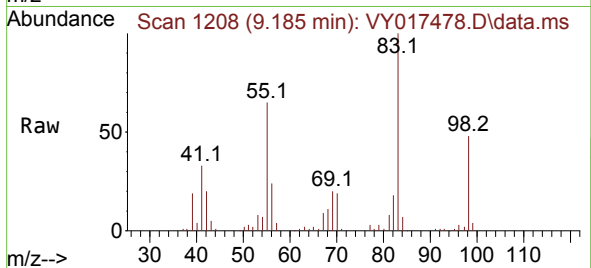
Tgt Ion: 83 Resp: 45715

Ion Ratio Lower Upper

83 100

55 65.2 51.5 77.3

98 47.5 40.5 60.7



#40

Benzene

Concen: 18.175 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY017478.D

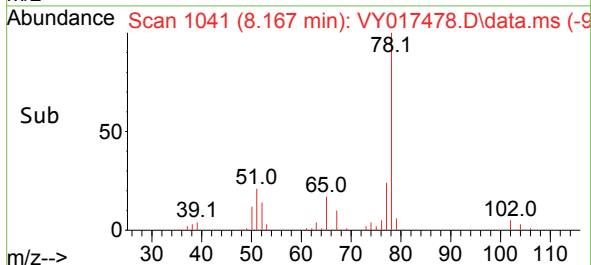
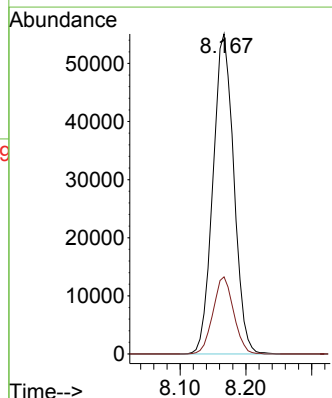
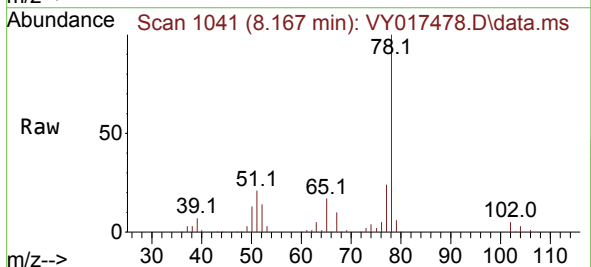
Acq: 26 Feb 2024 13:33

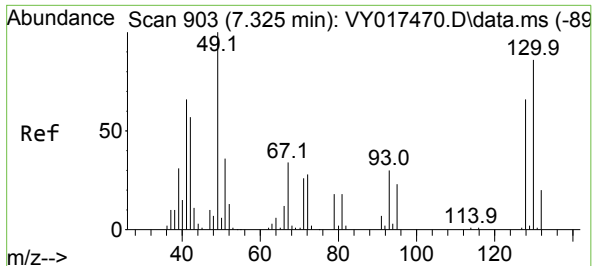
Tgt Ion: 78 Resp: 121441

Ion Ratio Lower Upper

78 100

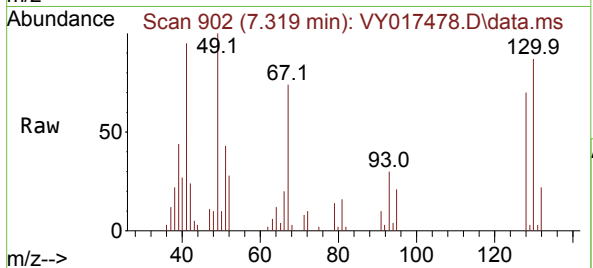
77 24.1 19.5 29.3



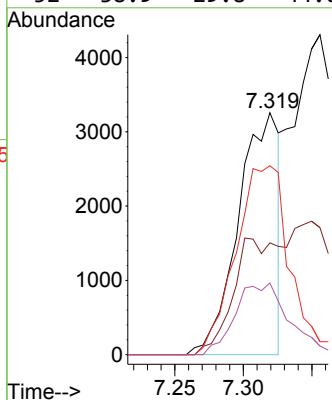
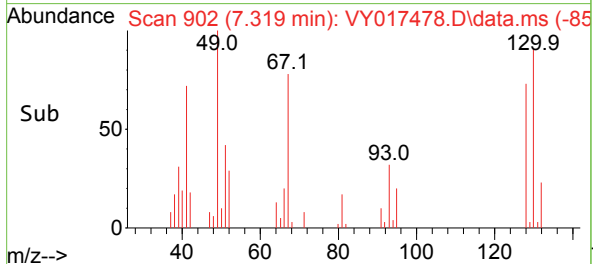


#41  
Methacrylonitrile  
Concen: 15.139 ug/l  
RT: 7.319 min Scan# 903  
Delta R.T. -0.006 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0226SBS01

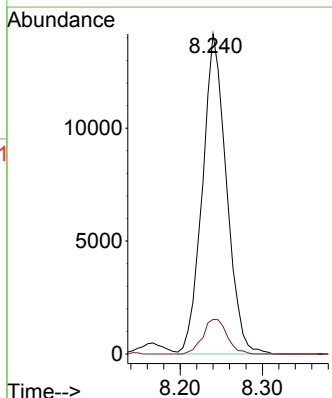
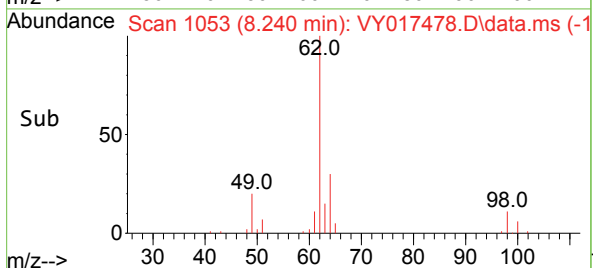
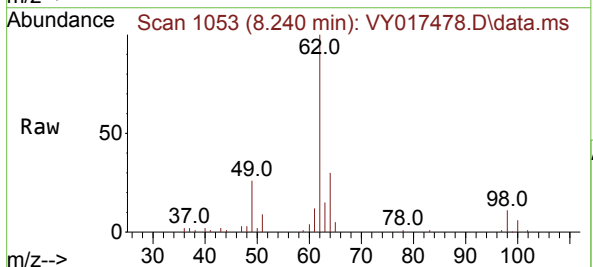


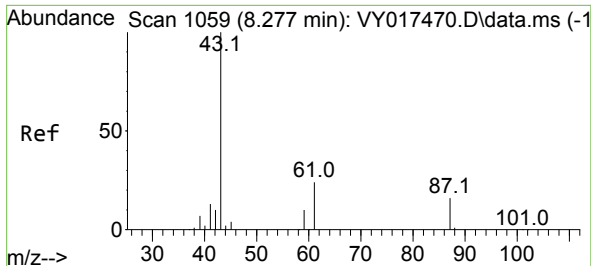
Tgt Ion: 41 Resp: 6751  
Ion Ratio Lower Upper  
41 100  
39 35.7 48.0 72.0#  
67 103.0 75.1 112.7  
52 38.9 29.8 44.6



#42  
1,2-Dichloroethane  
Concen: 17.640 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. -0.000 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

Tgt Ion: 62 Resp: 28758  
Ion Ratio Lower Upper  
62 100  
98 10.9 0.0 22.0

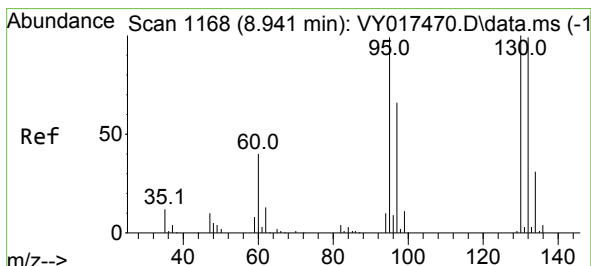
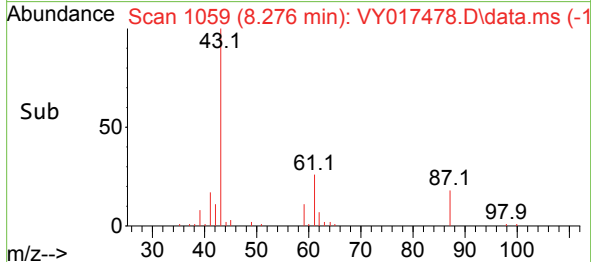
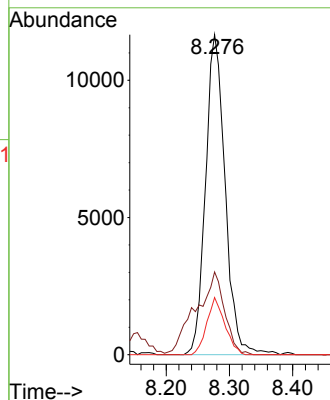
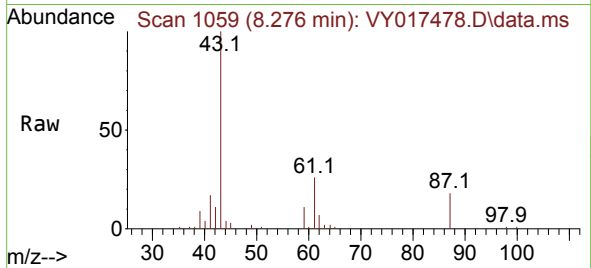




#43  
Isopropyl Acetate  
Concen: 16.105 ug/l  
RT: 8.276 min Scan# 1059  
Delta R.T. -0.000 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

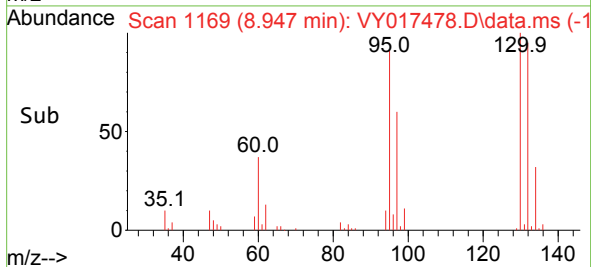
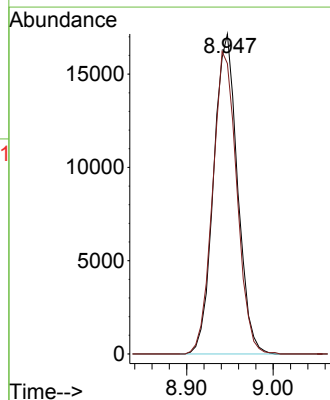
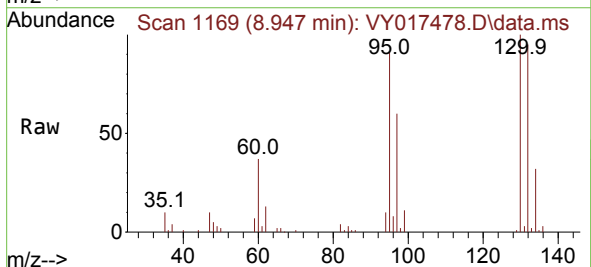
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0226SBS01

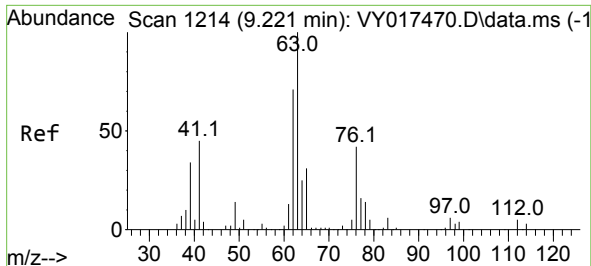
Tgt Ion: 43 Resp: 25150  
Ion Ratio Lower Upper  
43 100  
61 37.8 27.9 41.9  
87 16.4 13.1 19.7



#44  
Trichloroethene  
Concen: 17.004 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. 0.006 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

Tgt Ion:130 Resp: 32749  
Ion Ratio Lower Upper  
130 100  
95 90.8 0.0 188.0

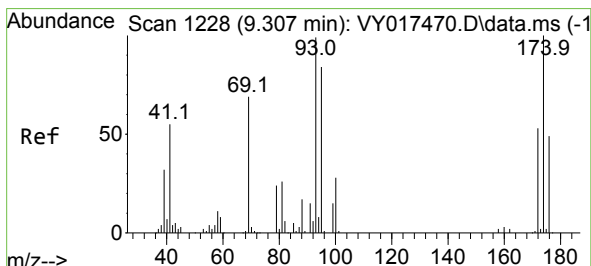
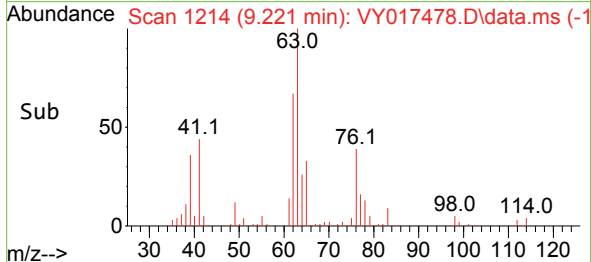
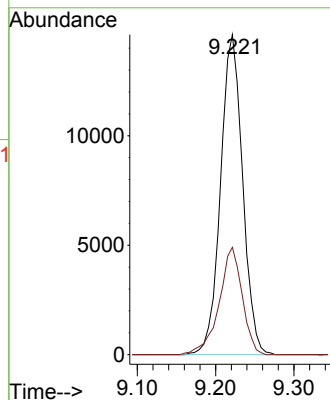
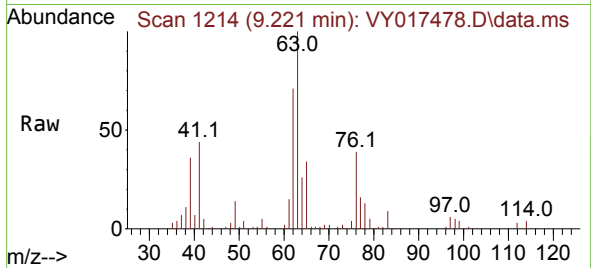




#45  
1,2-Dichloropropane  
Concen: 17.984 ug/l  
RT: 9.221 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

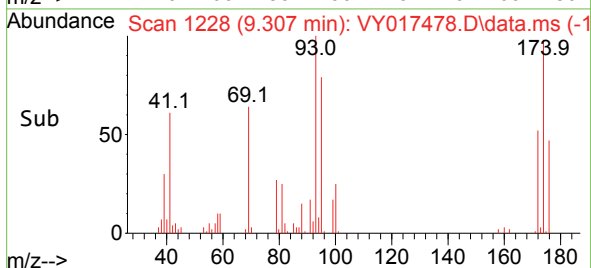
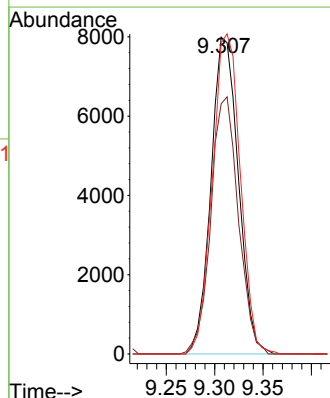
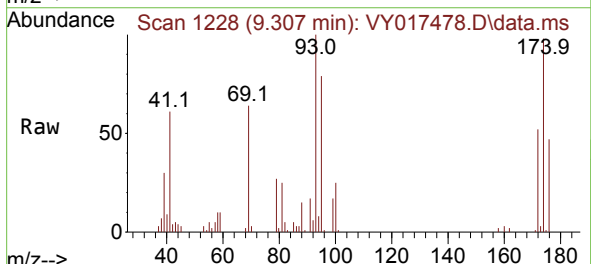
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0226SBS01

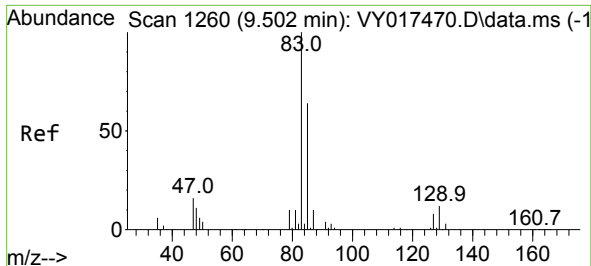
Tgt Ion: 63 Resp: 28589  
Ion Ratio Lower Upper  
63 100  
65 33.6 25.4 38.2



#46  
Dibromomethane  
Concen: 17.297 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

Tgt Ion: 93 Resp: 15737  
Ion Ratio Lower Upper  
93 100  
95 81.5 66.2 99.4  
174 103.1 80.9 121.3

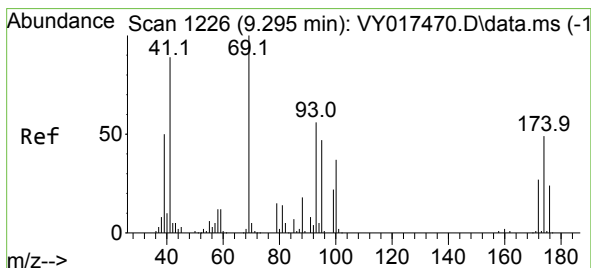
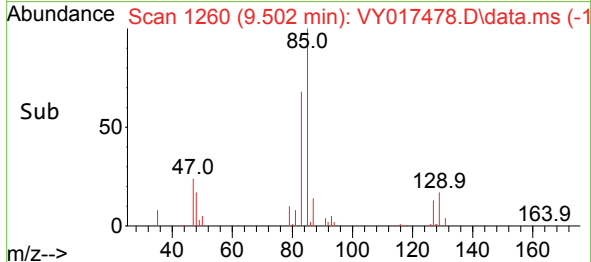
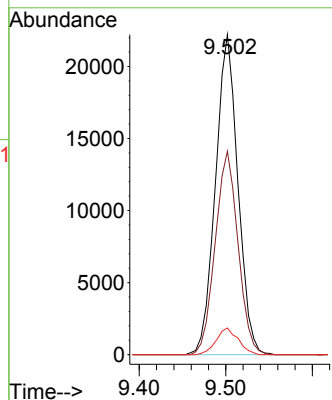
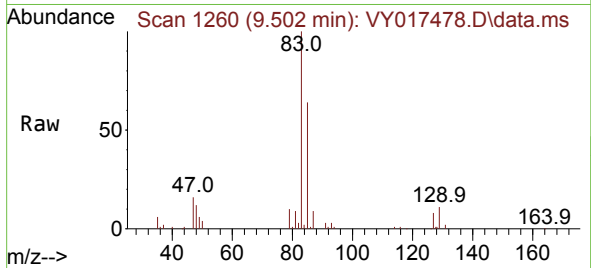




#47  
Bromodichloromethane  
Concen: 18.056 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. -0.000 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

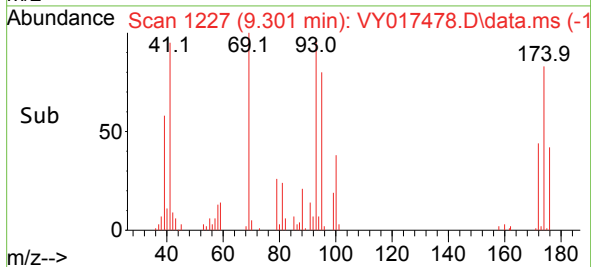
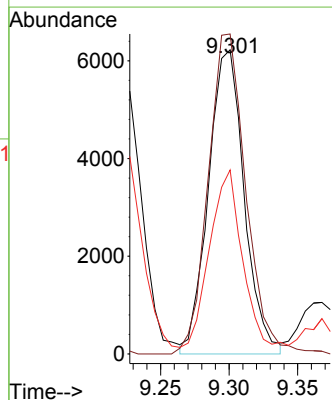
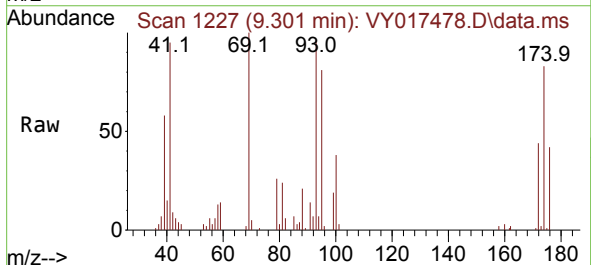
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0226SBS01

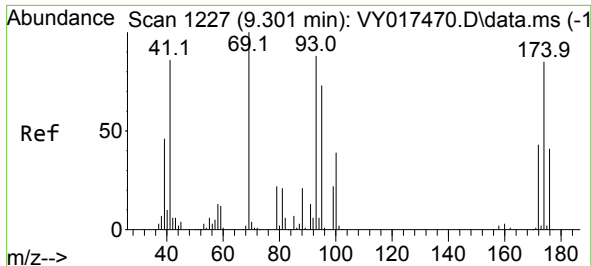
Tgt Ion: 83 Resp: 39888  
Ion Ratio Lower Upper  
83 100  
85 63.6 50.1 75.1  
127 8.3 7.4 11.0



#48  
Methyl methacrylate  
Concen: 15.618 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.006 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

Tgt Ion: 41 Resp: 11289  
Ion Ratio Lower Upper  
41 100  
69 110.8 84.1 126.1  
39 58.1 43.6 65.4





#49

1,4-Dioxane

Concen: 287.672 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0226SBS01

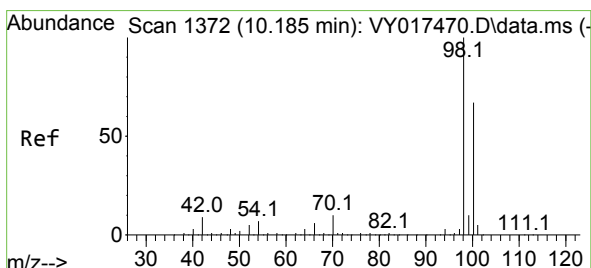
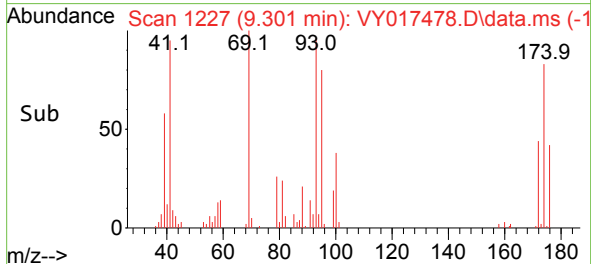
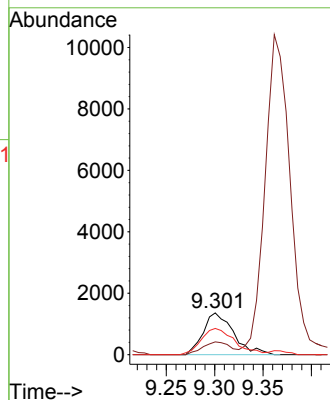
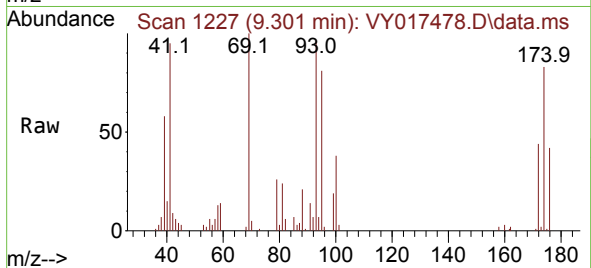
Tgt Ion: 88 Resp: 2962

Ion Ratio Lower Upper

88 100

43 28.8 0.0 0.0#

58 68.9 49.3 73.9



#50

Toluene-d8

Concen: 43.592 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY017478.D

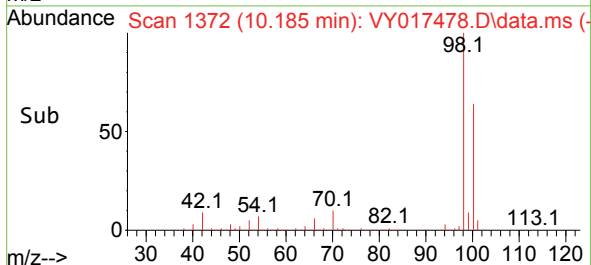
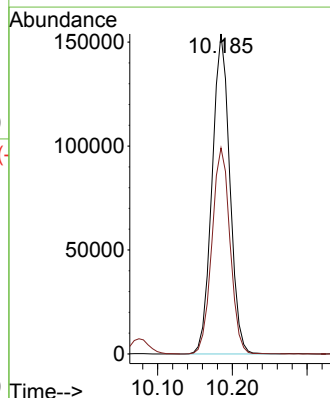
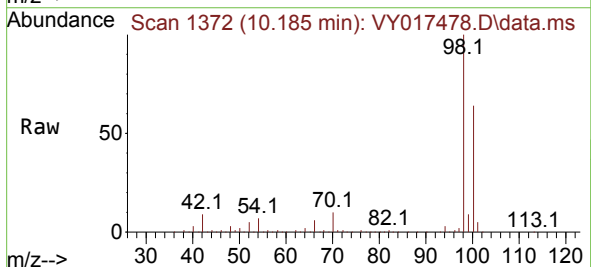
Acq: 26 Feb 2024 13:33

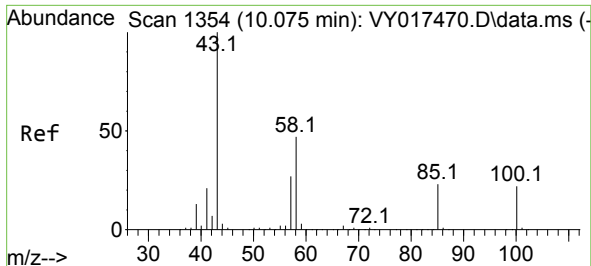
Tgt Ion: 98 Resp: 254174

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 76.964 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. -0.000 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Instrument :

MSVOA\_Y

ClientSampleId :

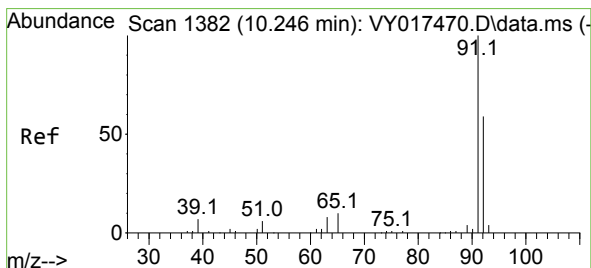
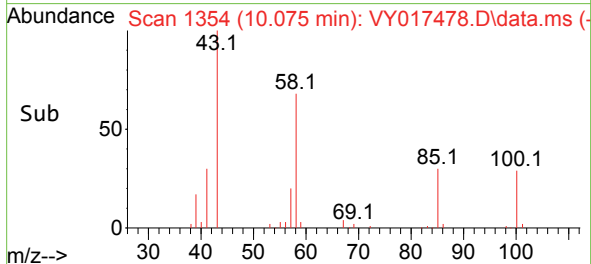
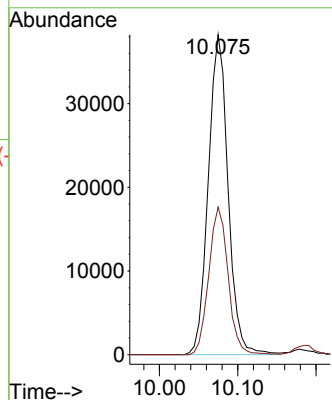
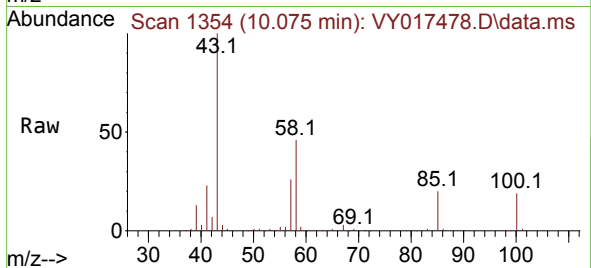
VY0226SBS01

Tgt Ion: 43 Resp: 66985

Ion Ratio Lower Upper

43 100

58 45.2 35.7 53.5



#52

Toluene

Concen: 17.761 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.006 min

Lab File: VY017478.D

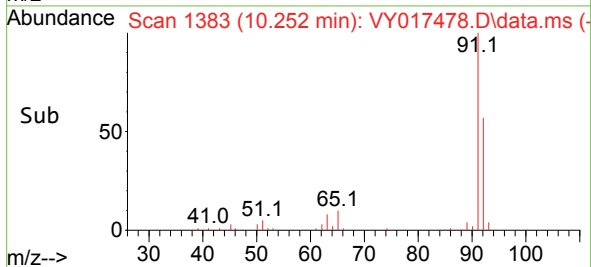
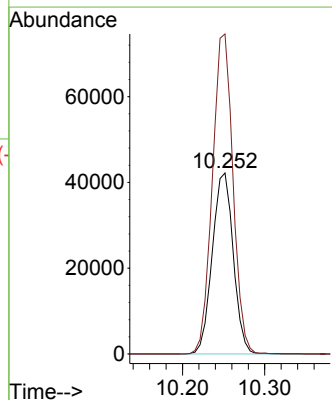
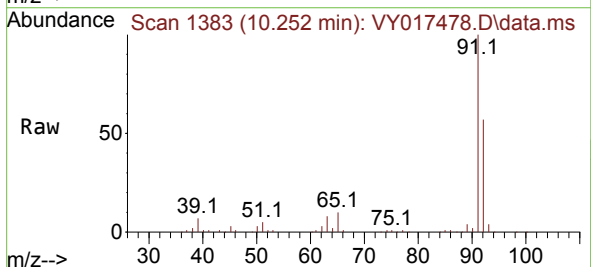
Acq: 26 Feb 2024 13:33

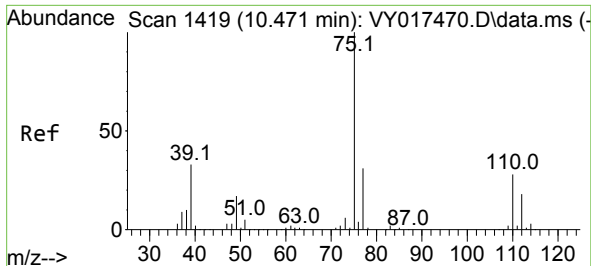
Tgt Ion: 92 Resp: 74816

Ion Ratio Lower Upper

92 100

91 173.7 139.0 208.6

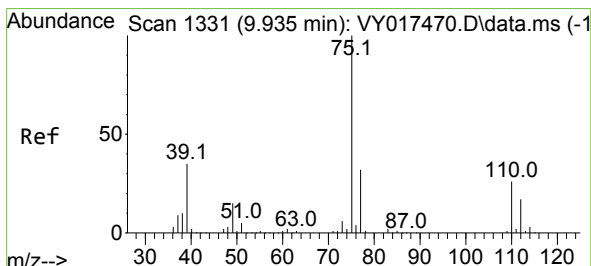
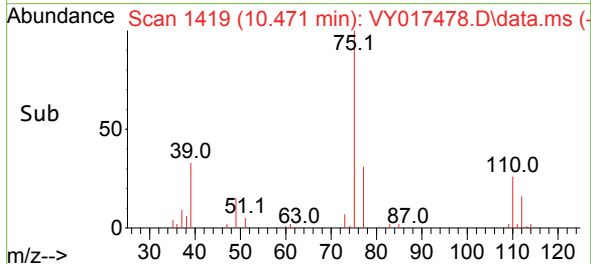
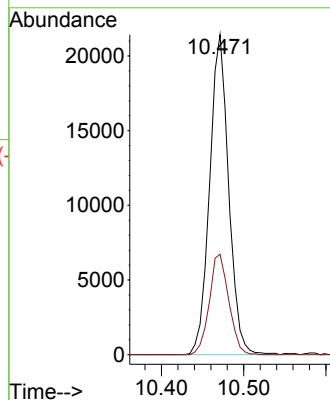
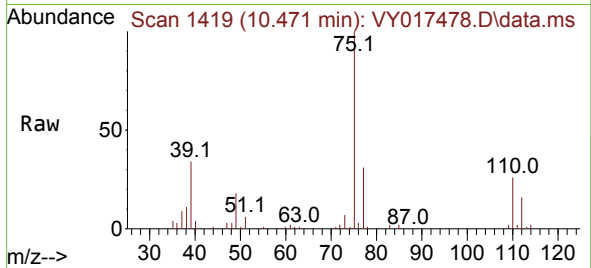




#53  
 t-1,3-Dichloropropene  
 Concen: 16.840 ug/l  
 RT: 10.471 min Scan# 1419  
 Delta R.T. -0.000 min  
 Lab File: VY017478.D  
 Acq: 26 Feb 2024 13:33

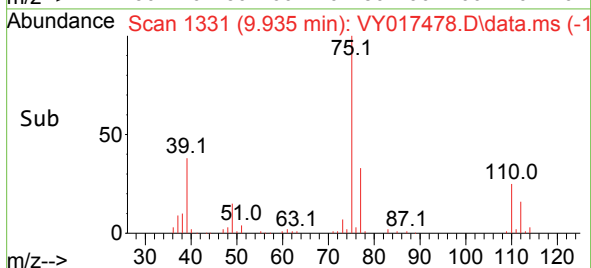
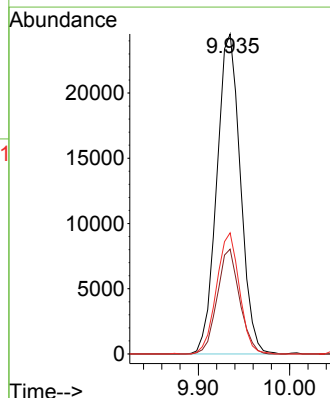
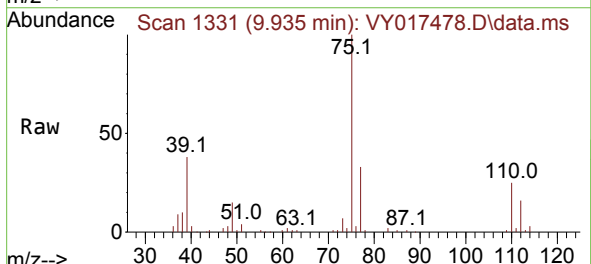
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0226SBS01

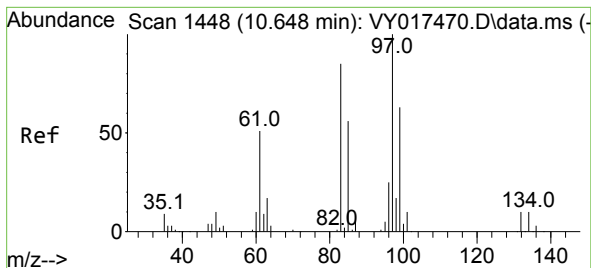
Tgt Ion: 75 Resp: 34529  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 24.1 36.1



#54  
 cis-1,3-Dichloropropene  
 Concen: 17.664 ug/l  
 RT: 9.935 min Scan# 1331  
 Delta R.T. -0.000 min  
 Lab File: VY017478.D  
 Acq: 26 Feb 2024 13:33

Tgt Ion: 75 Resp: 44009  
 Ion Ratio Lower Upper  
 75 100  
 77 32.8 25.4 38.0  
 39 37.8 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 16.797 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0226SBS01

Tgt Ion: 97 Resp: 21698

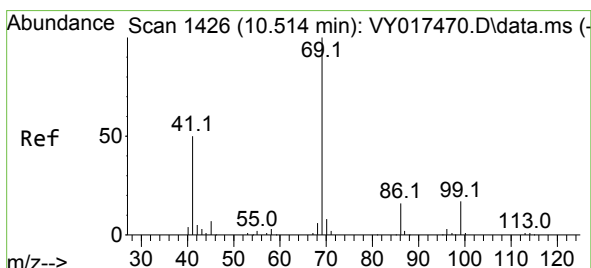
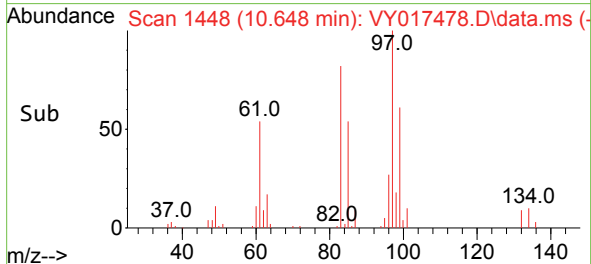
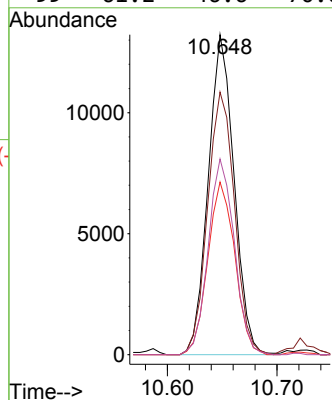
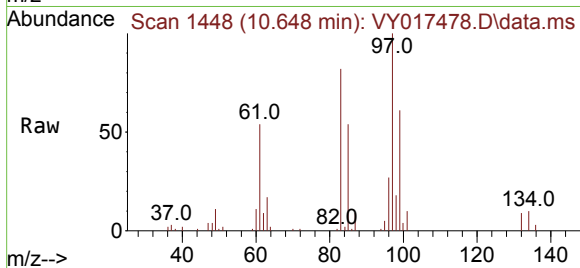
Ion Ratio Lower Upper

97 100

83 82.1 67.5 101.3

85 54.0 42.9 64.3

99 61.2 46.6 70.0



#56

Ethyl methacrylate

Concen: 16.081 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.000 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

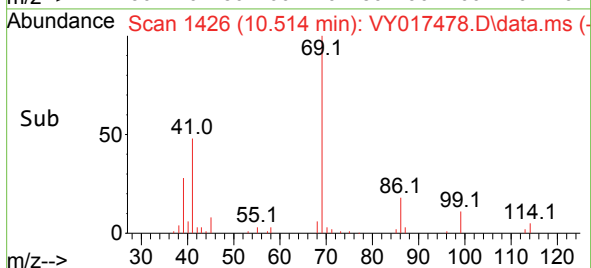
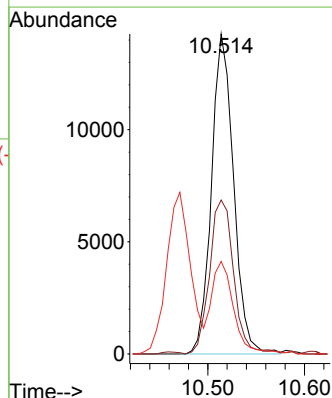
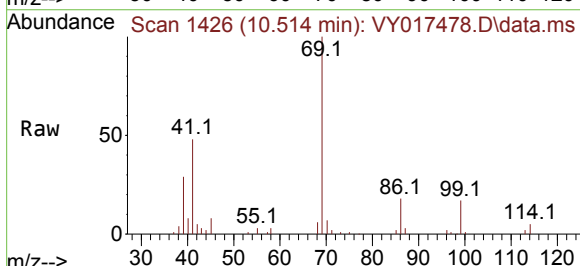
Tgt Ion: 69 Resp: 22674

Ion Ratio Lower Upper

69 100

41 52.8 42.3 63.5

39 29.2 22.9 34.3

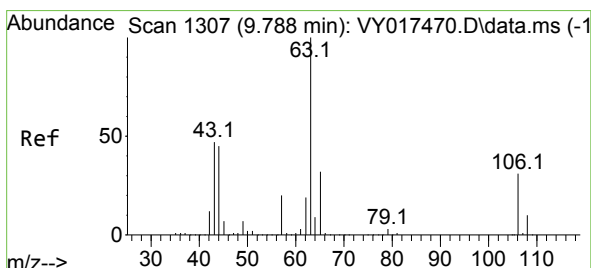
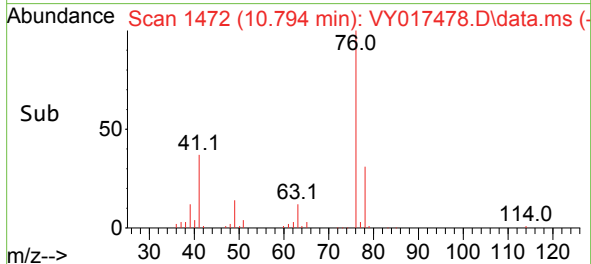
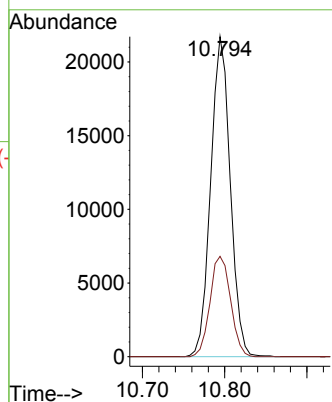
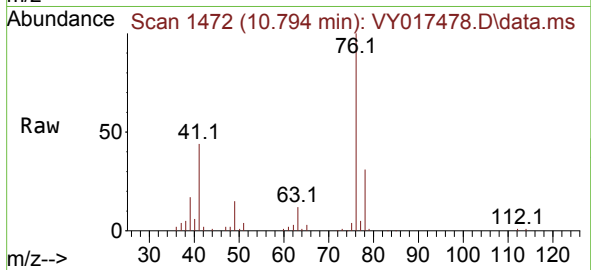




#57  
1,3-Dichloropropane  
Concen: 17.094 ug/l  
RT: 10.794 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

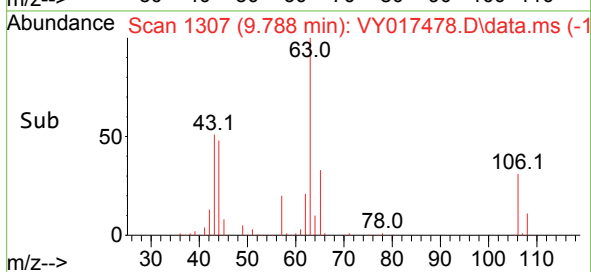
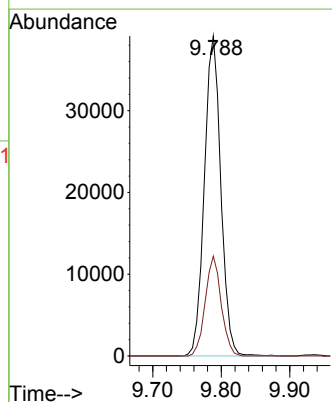
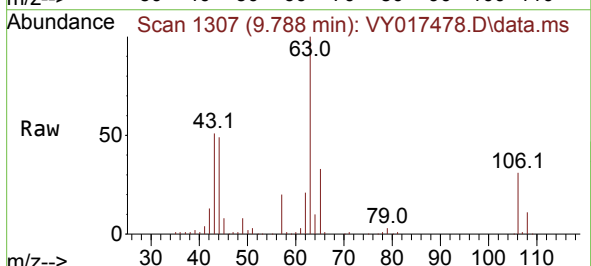
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0226SBS01

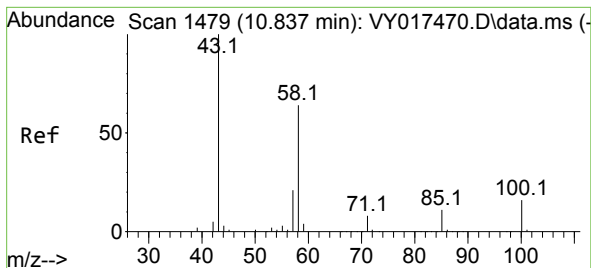
Tgt Ion: 76 Resp: 35901  
Ion Ratio Lower Upper  
76 100  
78 33.0 26.2 39.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 87.769 ug/l  
RT: 9.788 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

Tgt Ion: 63 Resp: 65424  
Ion Ratio Lower Upper  
63 100  
106 30.2 23.7 35.5

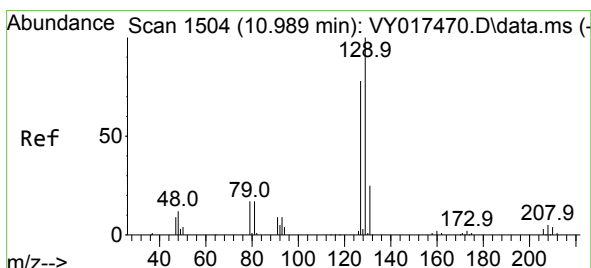
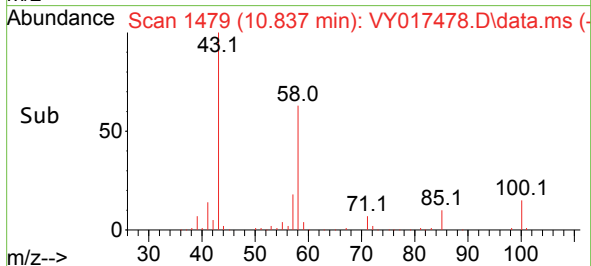
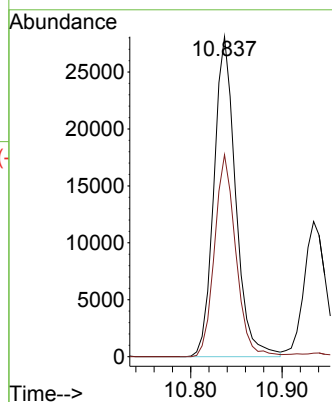
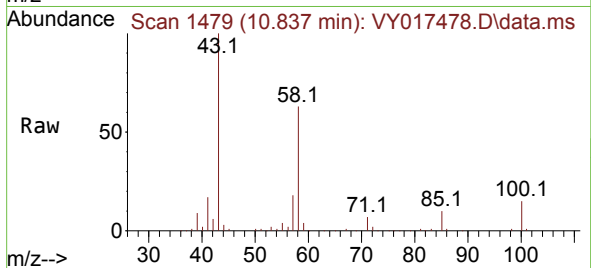




#59  
2-Hexanone  
Concen: 77.574 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

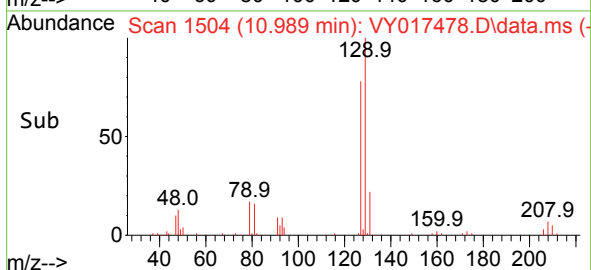
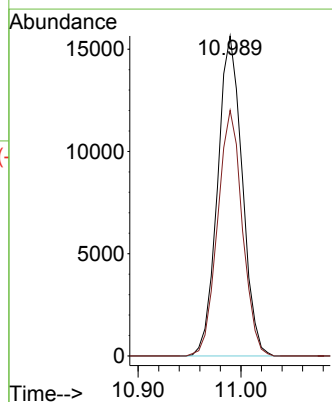
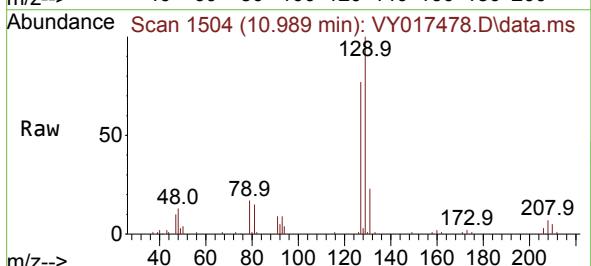
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0226SBS01

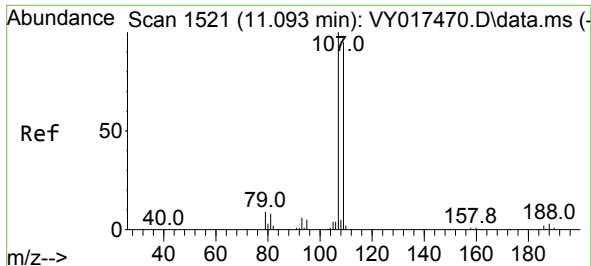
Tgt Ion: 43 Resp: 46375  
Ion Ratio Lower Upper  
43 100  
58 61.8 31.4 94.0



#60  
Dibromochloromethane  
Concen: 17.025 ug/l  
RT: 10.989 min Scan# 1504  
Delta R.T. -0.000 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

Tgt Ion: 129 Resp: 26017  
Ion Ratio Lower Upper  
129 100  
127 77.0 39.0 117.0

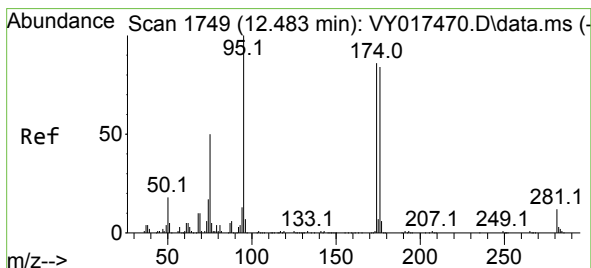
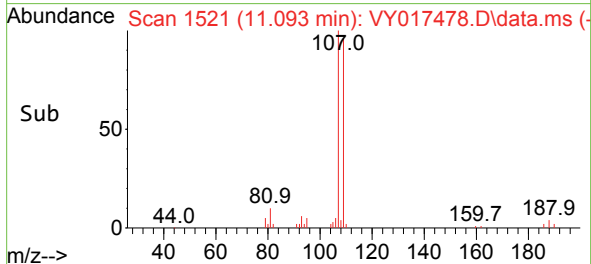
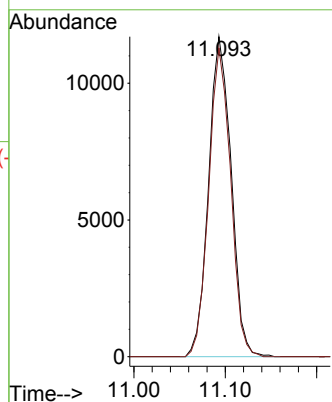
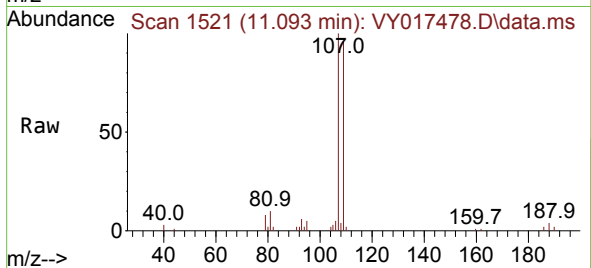




#61  
1,2-Dibromoethane  
Concen: 16.859 ug/l  
RT: 11.093 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

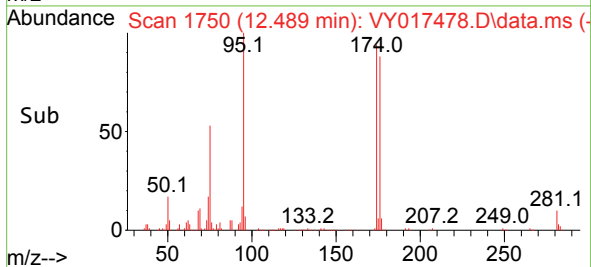
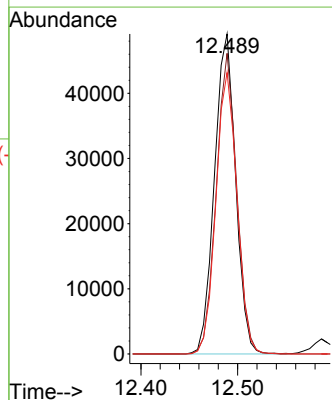
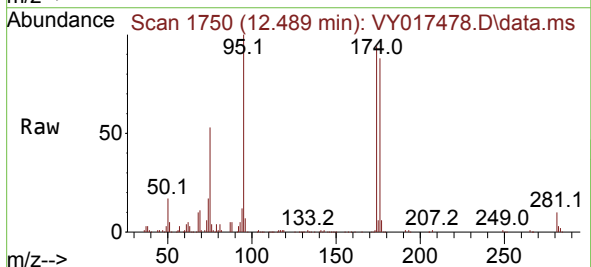
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0226SBS01

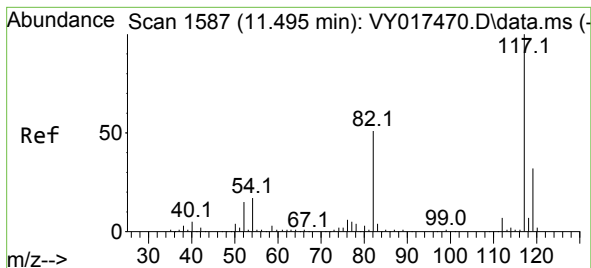
Tgt Ion:107 Resp: 20069  
Ion Ratio Lower Upper  
107 100  
109 93.7 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 40.768 ug/l  
RT: 12.489 min Scan# 1750  
Delta R.T. 0.006 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

Tgt Ion: 95 Resp: 74704  
Ion Ratio Lower Upper  
95 100  
174 91.3 0.0 175.6  
176 87.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0226SBS01

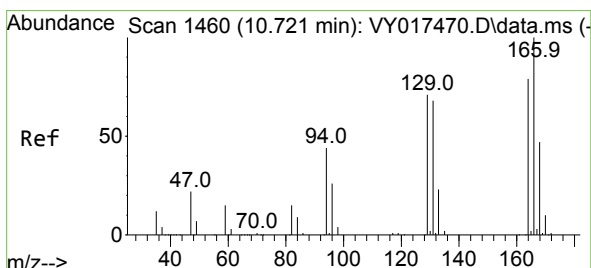
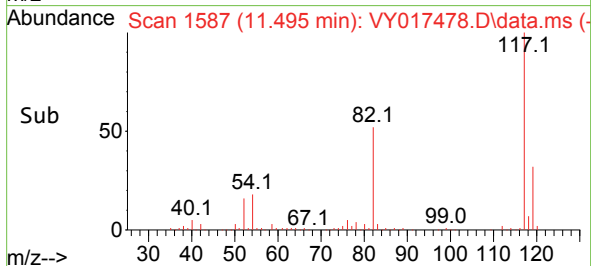
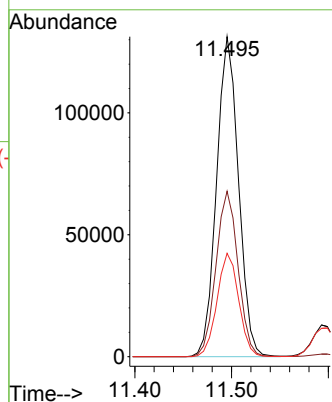
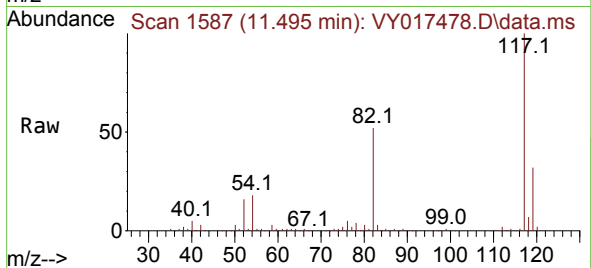
Tgt Ion:117 Resp: 206512

Ion Ratio Lower Upper

117 100

82 51.7 42.4 63.6

119 32.3 25.9 38.9



#64

Tetrachloroethene

Concen: 16.418 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Tgt Ion:164 Resp: 32542

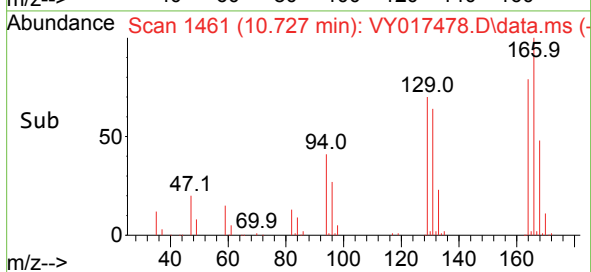
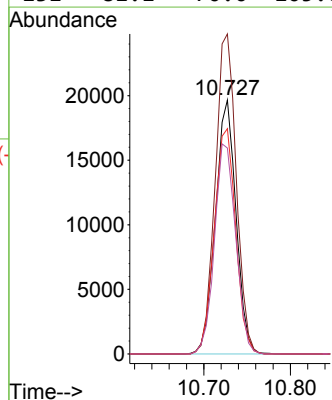
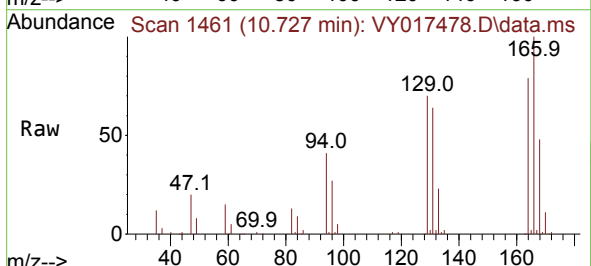
Ion Ratio Lower Upper

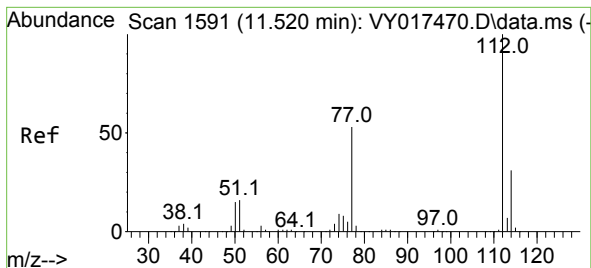
164 100

166 126.0 102.6 154.0

129 88.7 72.0 108.0

131 81.1 70.0 105.0

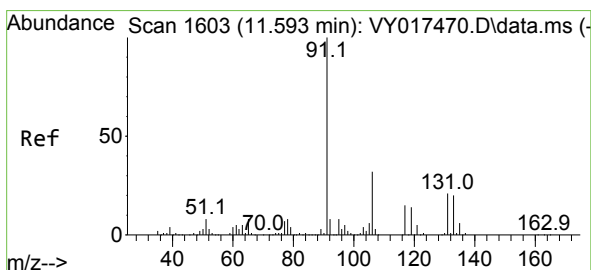
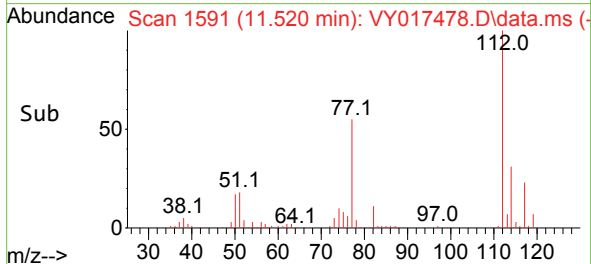
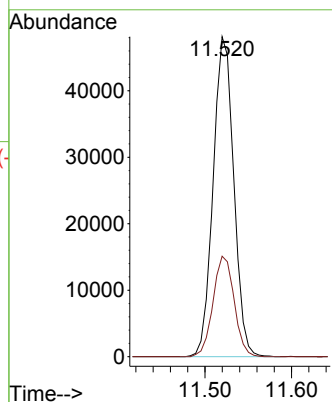
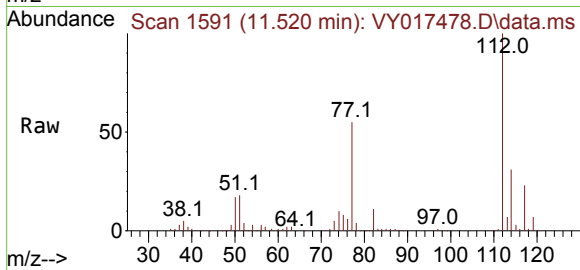




#65  
Chlorobenzene  
Concen: 18.141 ug/l  
RT: 11.520 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

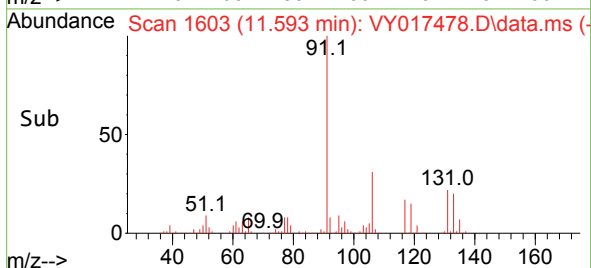
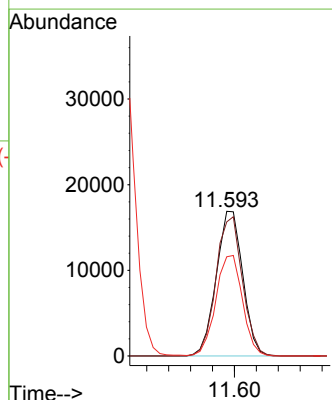
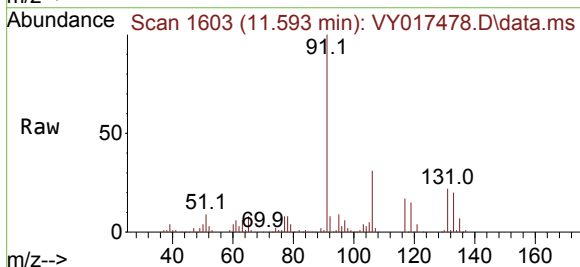
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0226SBS01

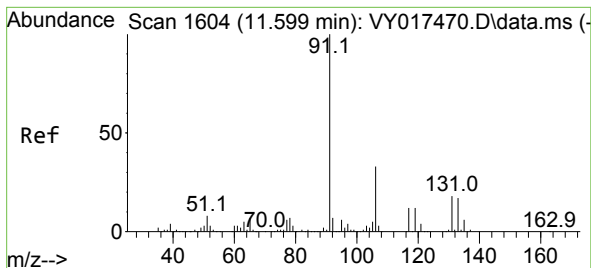
Tgt Ion:112 Resp: 79518  
Ion Ratio Lower Upper  
112 100  
114 31.4 26.4 39.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 17.300 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

Tgt Ion:131 Resp: 28409  
Ion Ratio Lower Upper  
131 100  
133 96.0 47.8 143.3  
119 69.8 34.1 102.2





#67

Ethyl Benzene

Concen: 17.730 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Instrument :

MSVOA\_Y

ClientSampleId :

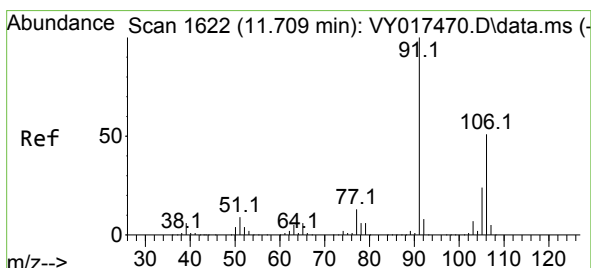
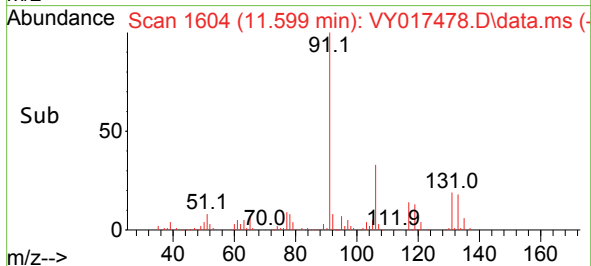
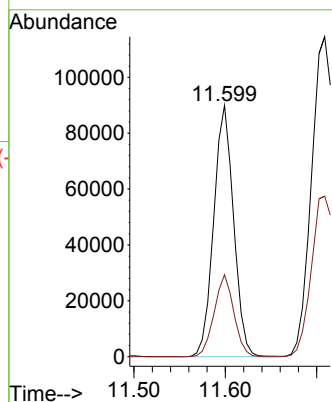
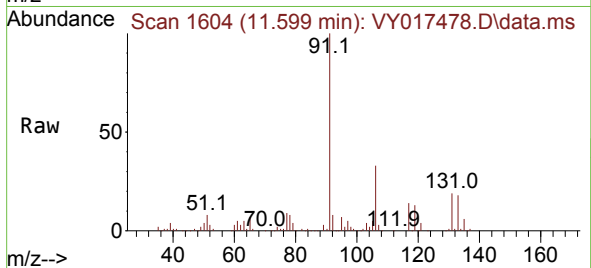
VY0226SBS01

Tgt Ion: 91 Resp: 136300

Ion Ratio Lower Upper

91 100

106 32.6 24.5 36.7



#68

m/p-Xylenes

Concen: 35.717 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY017478.D

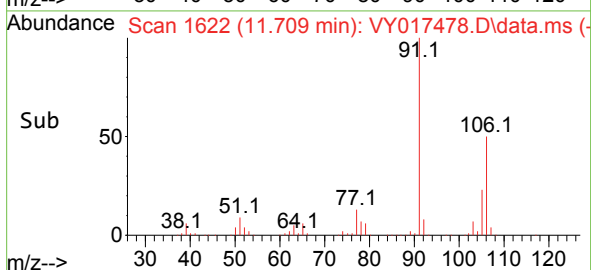
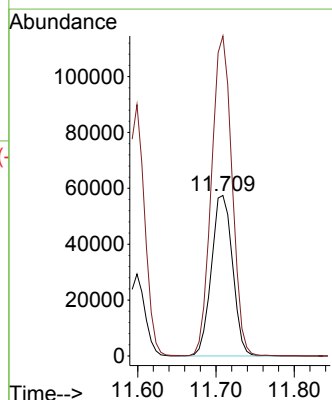
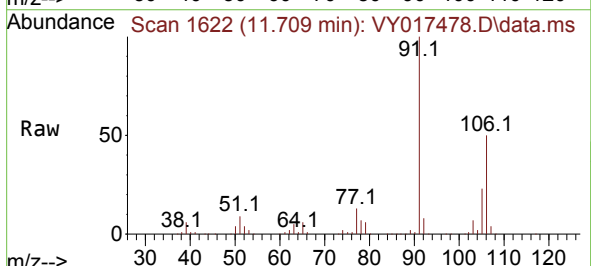
Acq: 26 Feb 2024 13:33

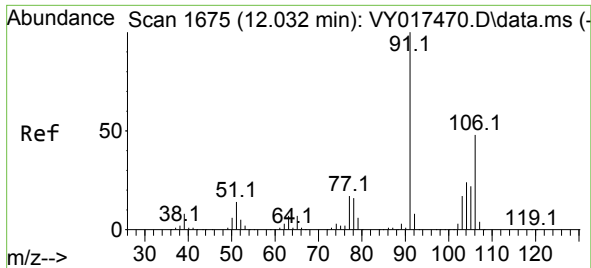
Tgt Ion:106 Resp: 107888

Ion Ratio Lower Upper

106 100

91 193.9 156.0 234.0

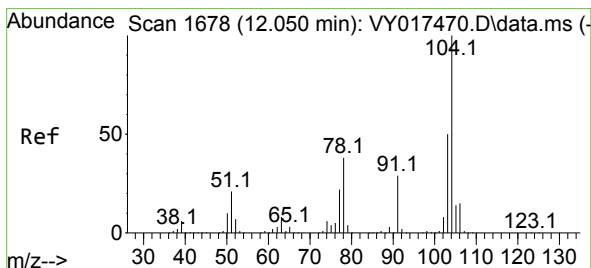
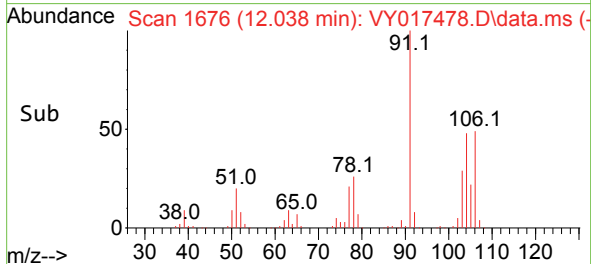
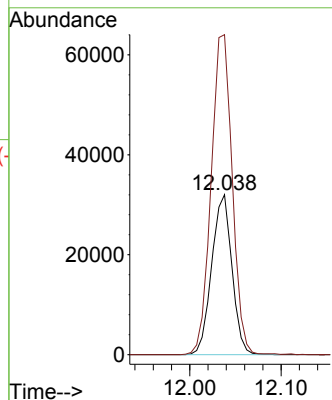
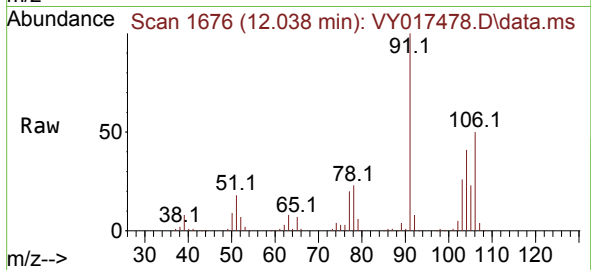




#69  
o-Xylene  
Concen: 17.537 ug/l  
RT: 12.038 min Scan# 1675  
Delta R.T. 0.006 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

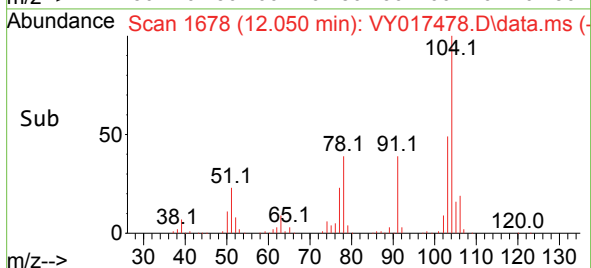
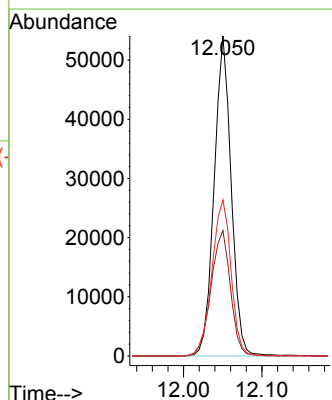
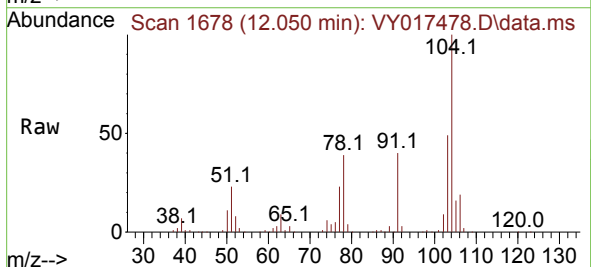
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0226SBS01

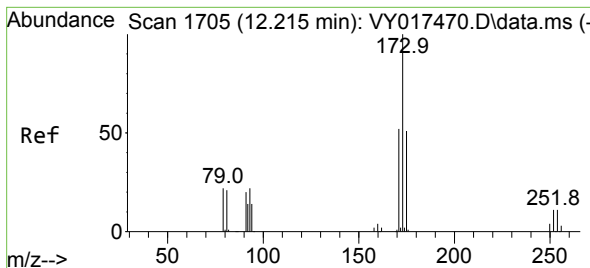
Tgt Ion:106 Resp: 49145  
Ion Ratio Lower Upper  
106 100  
91 209.0 103.6 310.8



#70  
Styrene  
Concen: 17.575 ug/l  
RT: 12.050 min Scan# 1678  
Delta R.T. -0.000 min  
Lab File: VY017478.D  
Acq: 26 Feb 2024 13:33

Tgt Ion:104 Resp: 81754  
Ion Ratio Lower Upper  
104 100  
78 44.8 37.0 55.4  
103 54.5 44.2 66.2





#71

Bromoform

Concen: 16.040 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0226SBS01

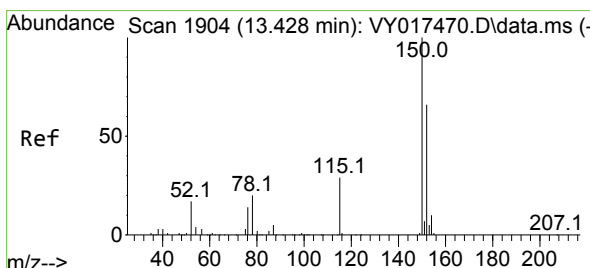
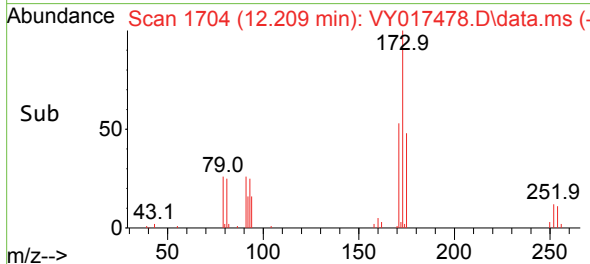
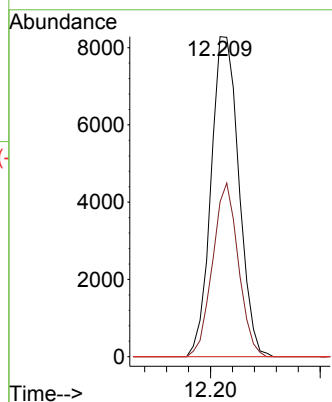
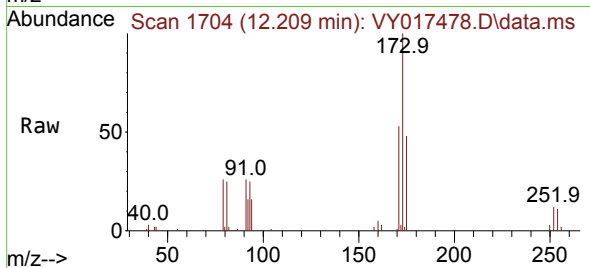
Tgt Ion:173 Resp: 14596

Ion Ratio Lower Upper

173 100

175 50.2 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. 0.006 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

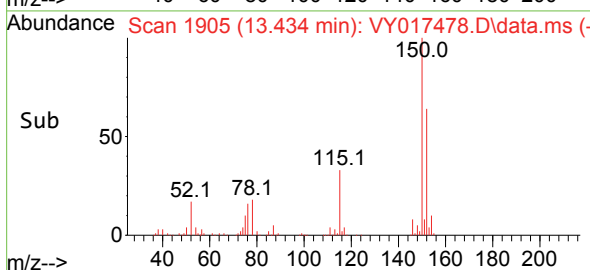
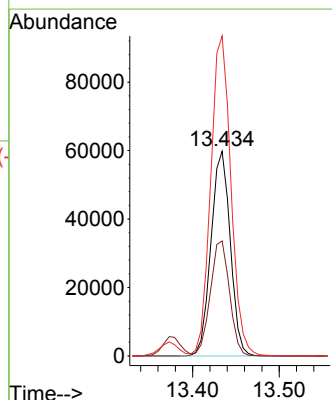
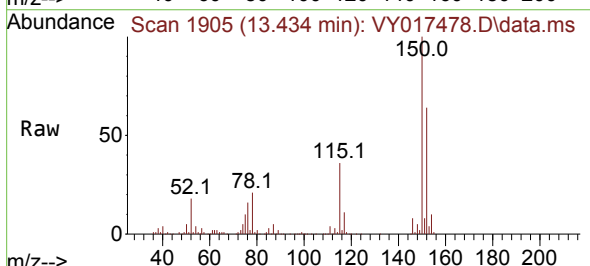
Tgt Ion:152 Resp: 92450

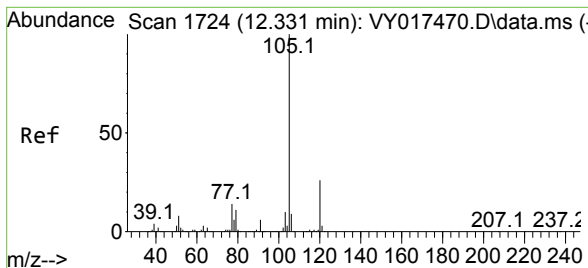
Ion Ratio Lower Upper

152 100

115 56.3 28.2 84.7

150 164.1 0.0 345.6





#73

Isopropylbenzene

Concen: 18.860 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Instrument :

MSVOA\_Y

ClientSampleId :

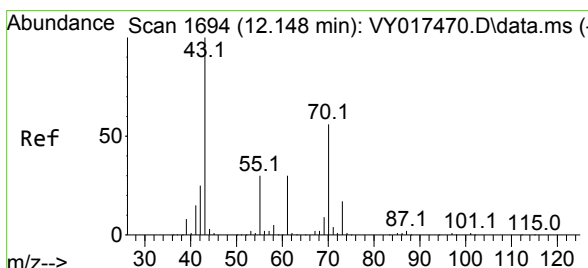
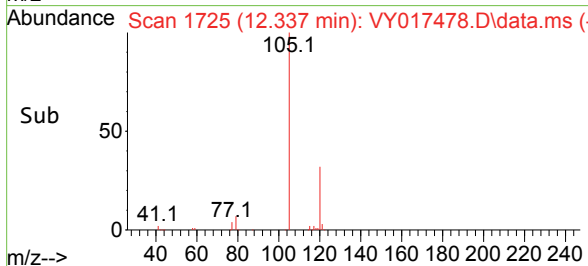
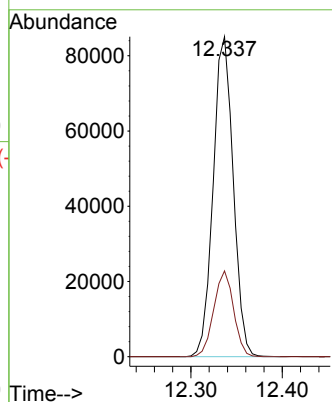
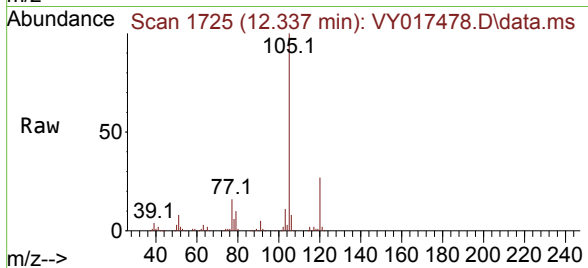
VY0226SBS01

Tgt Ion:105 Resp: 129539

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



#74

N-ethyl acetate

Concen: 16.686 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Tgt Ion: 43 Resp: 20213

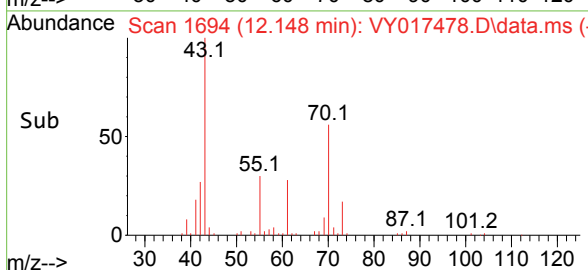
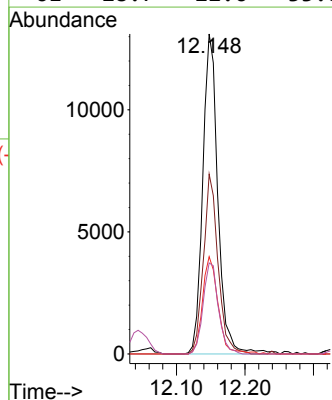
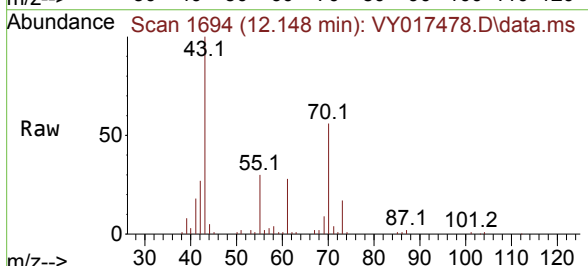
Ion Ratio Lower Upper

43 100

70 54.3 41.4 62.2

55 31.2 23.3 34.9

61 28.7 22.6 33.8

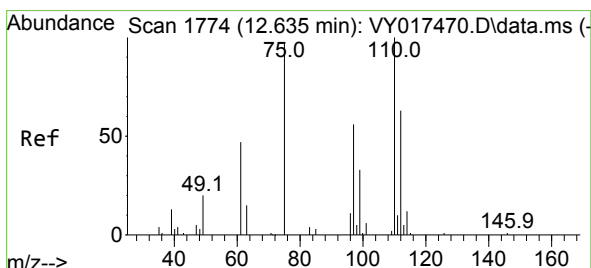
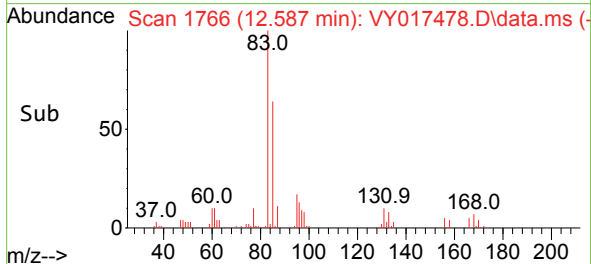
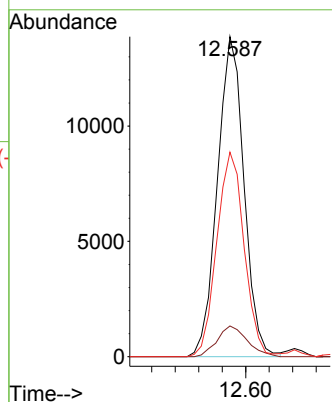
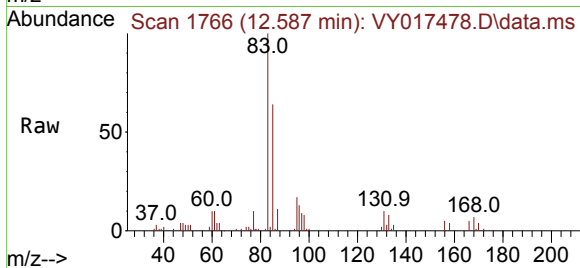




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 18.514 ug/l  
 RT: 12.587 min Scan# 1766  
 Delta R.T. -0.000 min  
 Lab File: VY017478.D  
 Acq: 26 Feb 2024 13:33

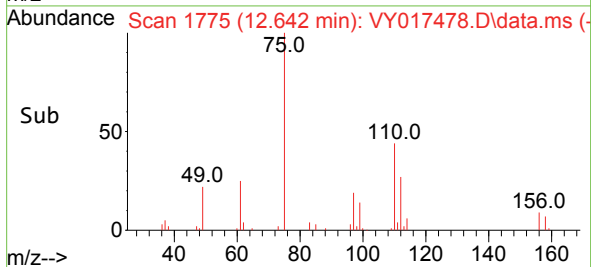
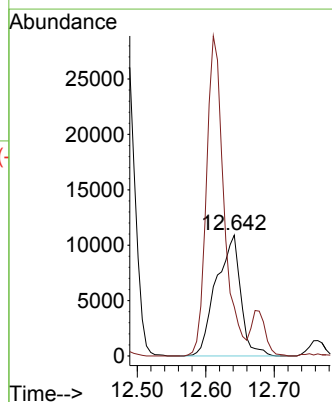
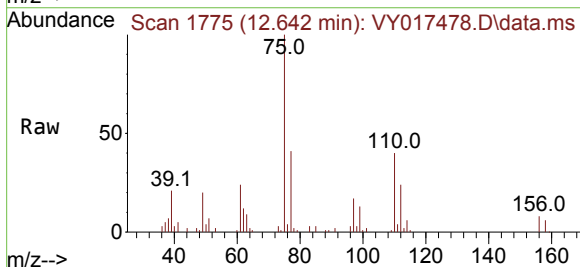
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0226SBS01

Tgt Ion: 83 Resp: 21837  
 Ion Ratio Lower Upper  
 83 100  
 131 10.8 5.0 14.9  
 85 65.5 32.0 96.0



#76  
 1,2,3-Trichloropropane  
 Concen: 30.852 ug/l  
 RT: 12.642 min Scan# 1775  
 Delta R.T. 0.006 min  
 Lab File: VY017478.D  
 Acq: 26 Feb 2024 13:33

Tgt Ion: 75 Resp: 27101  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.033 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0226SBS01

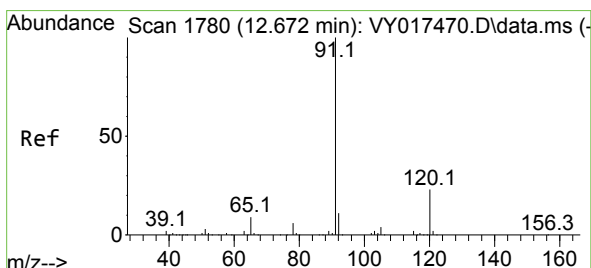
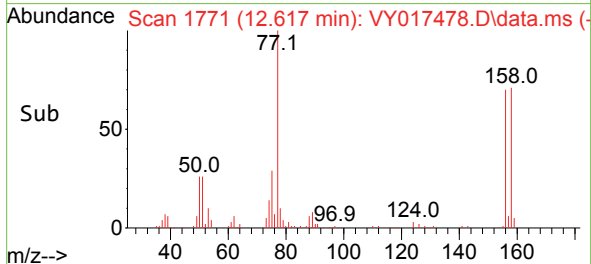
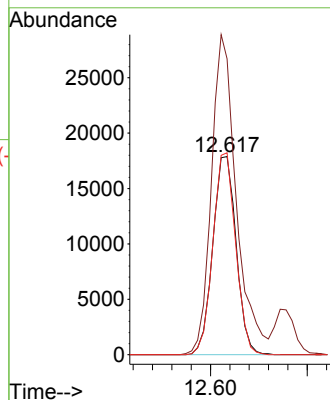
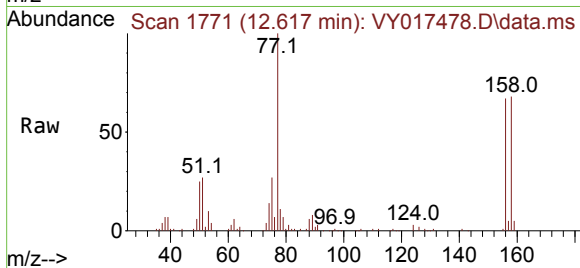
Tgt Ion:156 Resp: 29995

Ion Ratio Lower Upper

156 100

77 172.4 87.1 261.3

158 99.0 48.6 145.9



#78

n-propylbenzene

Concen: 18.999 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY017478.D

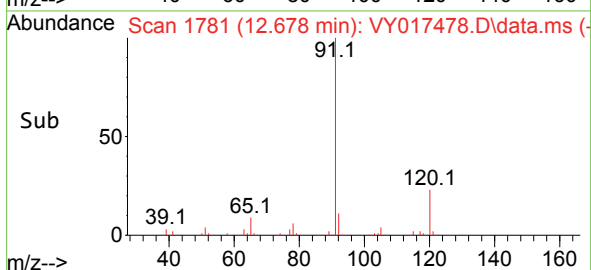
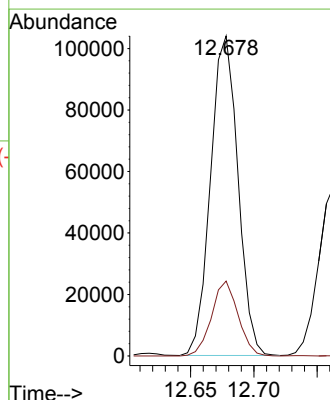
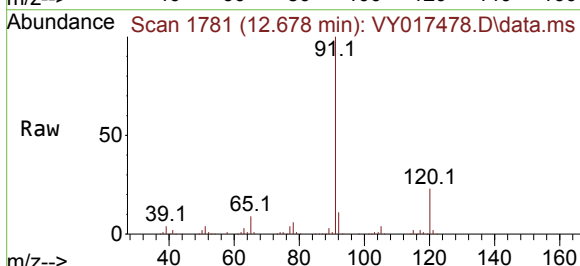
Acq: 26 Feb 2024 13:33

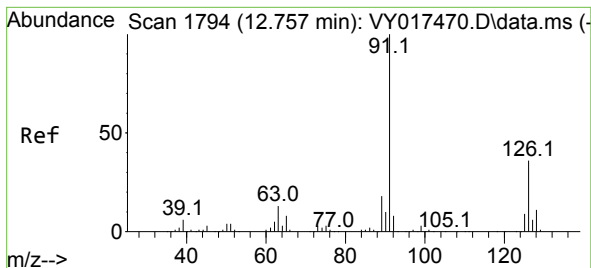
Tgt Ion: 91 Resp: 156579

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.574 ug/l

RT: 12.763 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Instrument :

MSVOA\_Y

ClientSampleId :

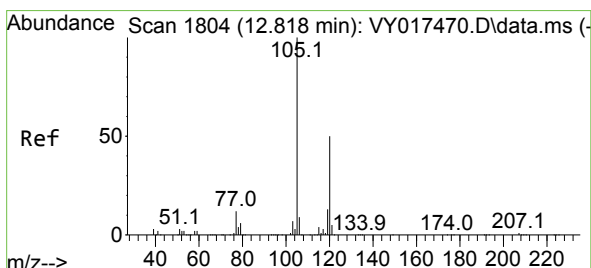
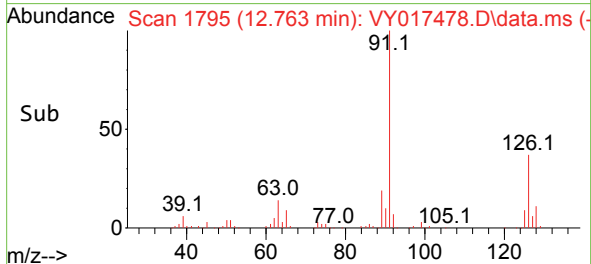
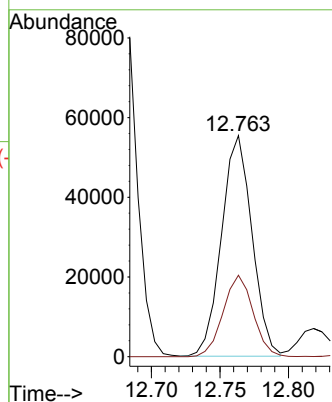
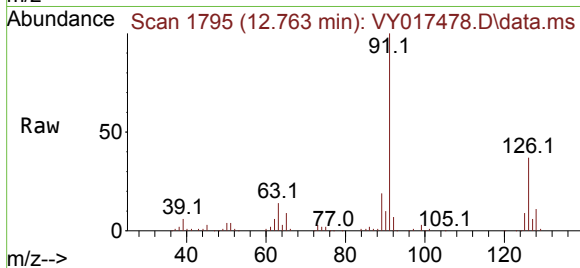
VY0226SBS01

Tgt Ion: 91 Resp: 85704

Ion Ratio Lower Upper

91 100

126 36.2 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 18.627 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. -0.000 min

Lab File: VY017478.D

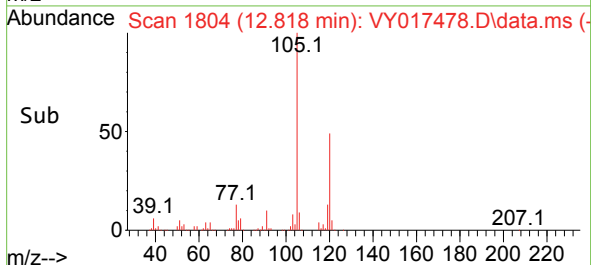
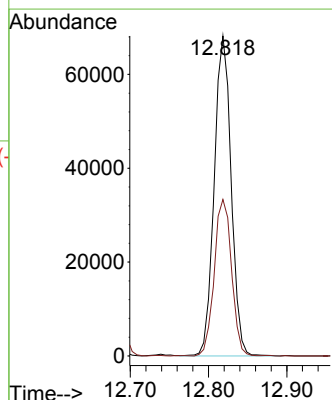
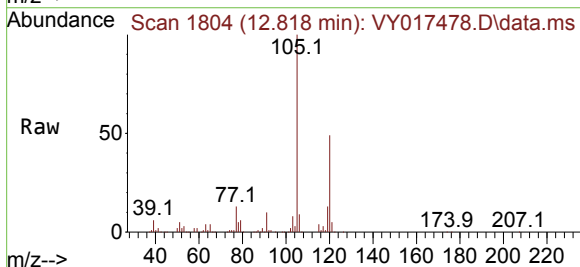
Acq: 26 Feb 2024 13:33

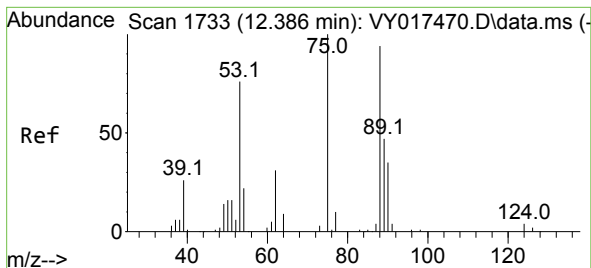
Tgt Ion: 105 Resp: 102497

Ion Ratio Lower Upper

105 100

120 49.7 25.1 75.2

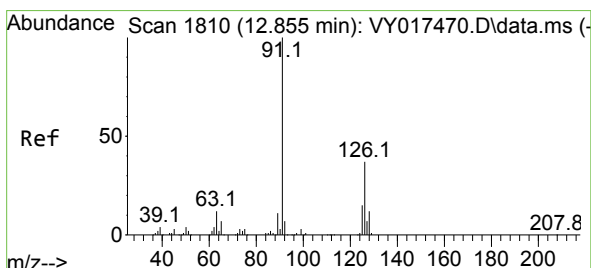
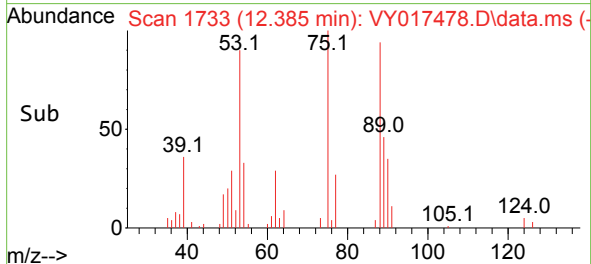
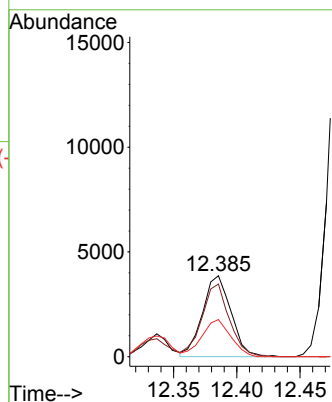
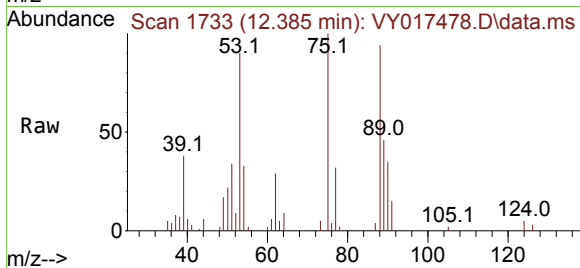




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 15.839 ug/l  
 RT: 12.385 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VY017478.D  
 Acq: 26 Feb 2024 13:33

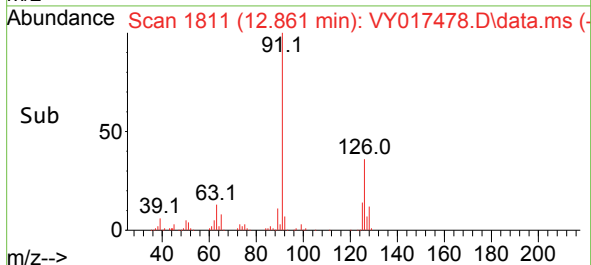
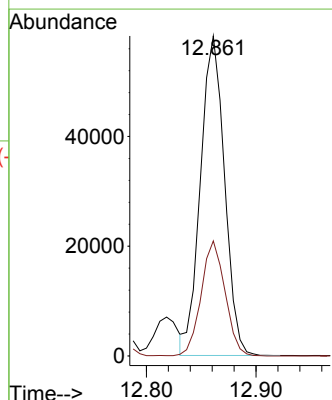
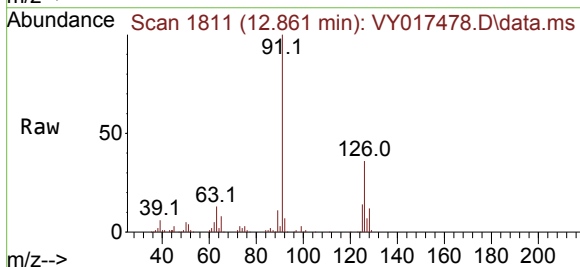
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0226SBS01

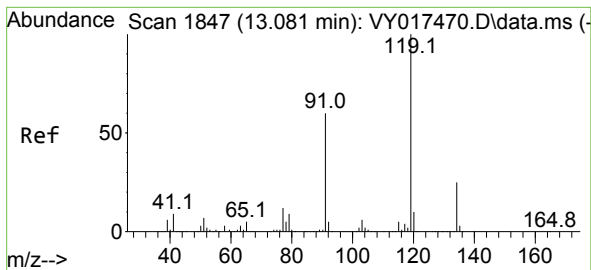
Tgt Ion: 75 Resp: 6055  
 Ion Ratio Lower Upper  
 75 100  
 53 86.9 66.8 100.2  
 89 46.6 35.8 53.6



#82  
 4-Chlorotoluene  
 Concen: 18.772 ug/l  
 RT: 12.861 min Scan# 1811  
 Delta R.T. 0.006 min  
 Lab File: VY017478.D  
 Acq: 26 Feb 2024 13:33

Tgt Ion: 91 Resp: 88595  
 Ion Ratio Lower Upper  
 91 100  
 126 35.9 17.6 52.9





#83

tert-Butylbenzene

Concen: 18.591 ug/l

RT: 13.080 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0226SBS01

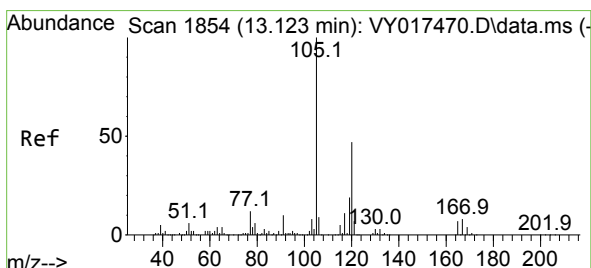
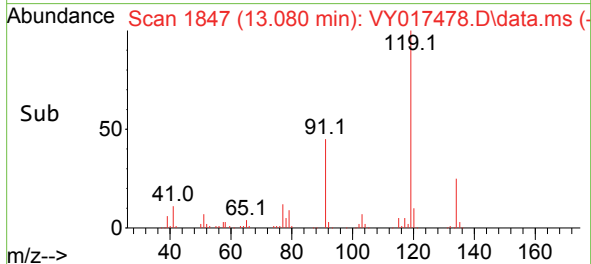
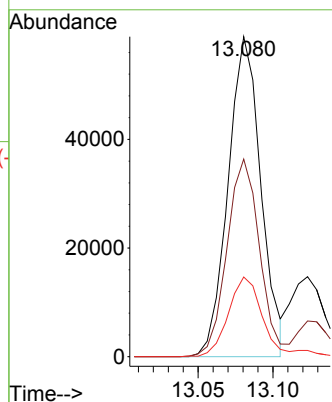
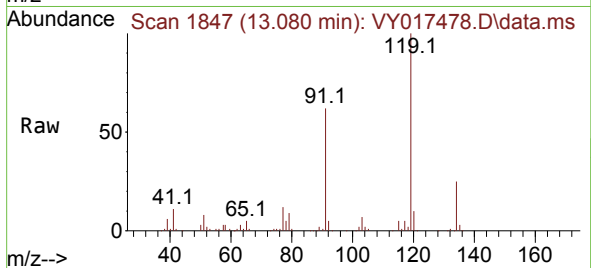
Tgt Ion:119 Resp: 89832

Ion Ratio Lower Upper

119 100

91 62.0 31.3 93.8

134 26.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 18.734 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY017478.D

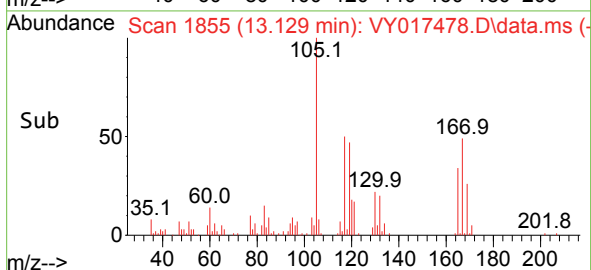
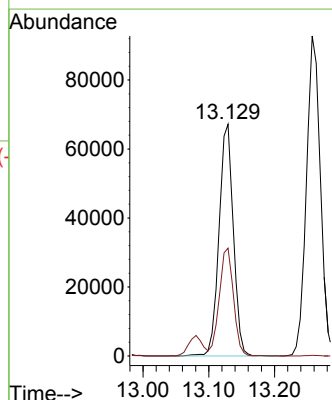
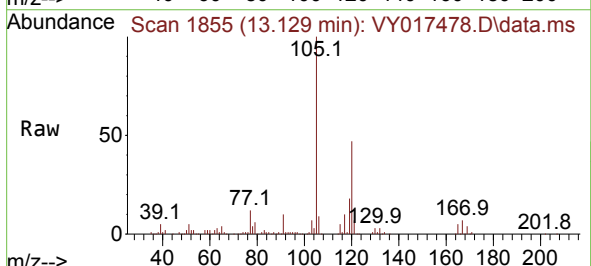
Acq: 26 Feb 2024 13:33

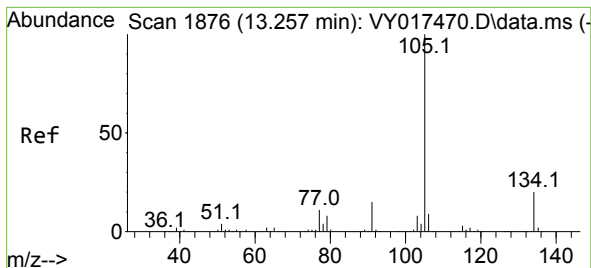
Tgt Ion:105 Resp: 101773

Ion Ratio Lower Upper

105 100

120 46.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 18.531 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Instrument :

MSVOA\_Y

ClientSampleId :

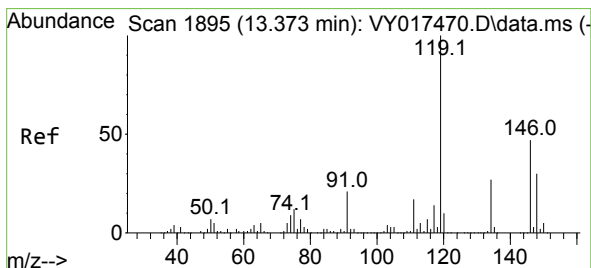
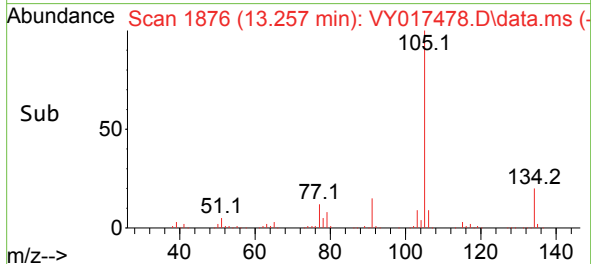
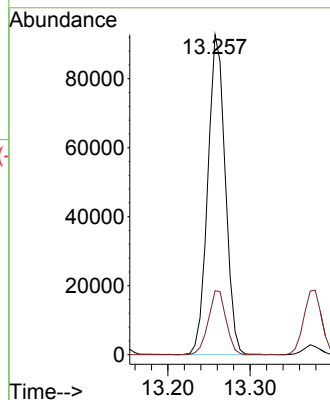
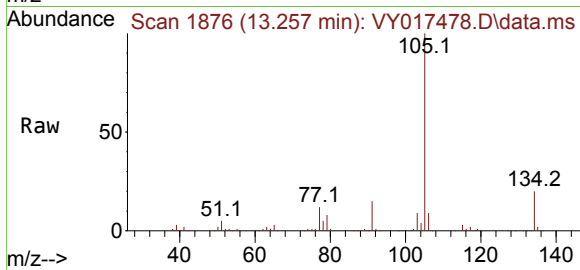
VY0226SBS01

Tgt Ion:105 Resp: 136902

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 18.326 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

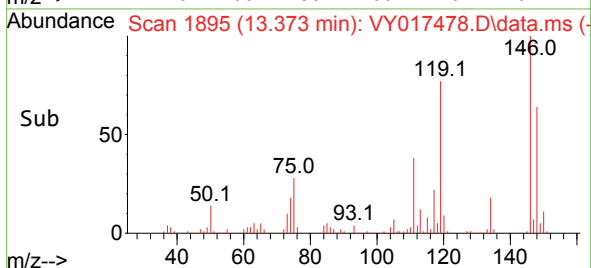
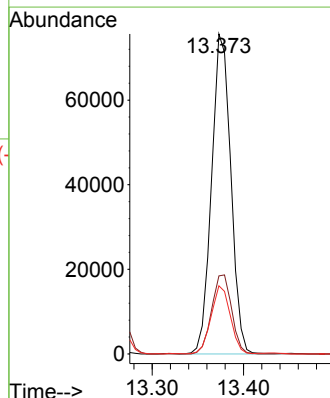
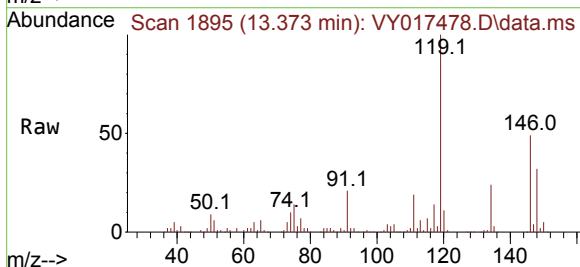
Tgt Ion:119 Resp: 110826

Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

91 21.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 17.585 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0226SBS01

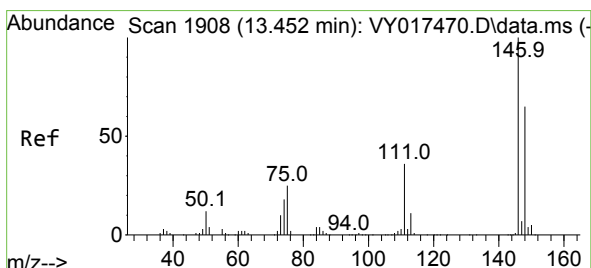
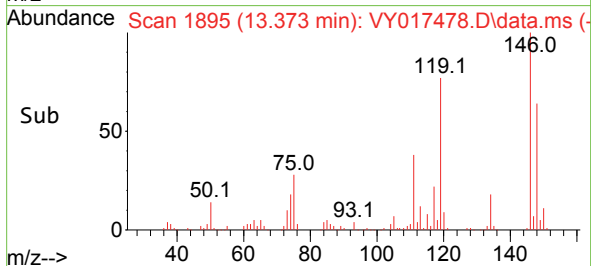
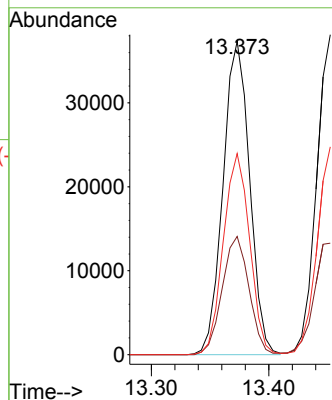
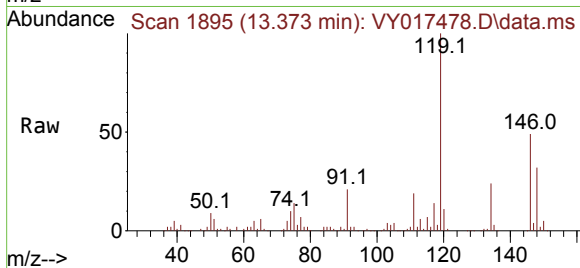
Tgt Ion:146 Resp: 58710

Ion Ratio Lower Upper

146 100

111 38.2 19.0 57.0

148 63.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 18.123 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

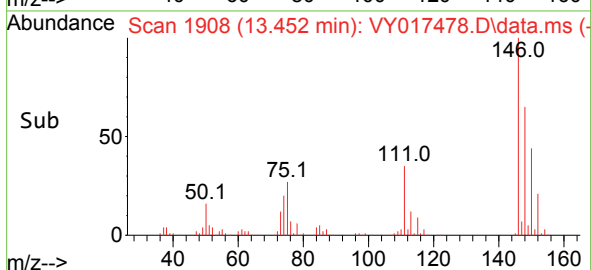
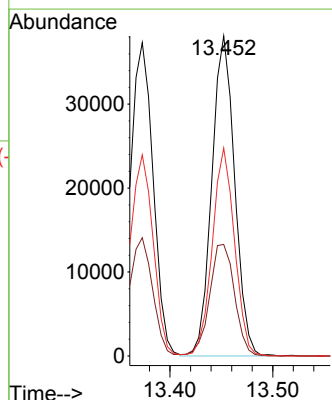
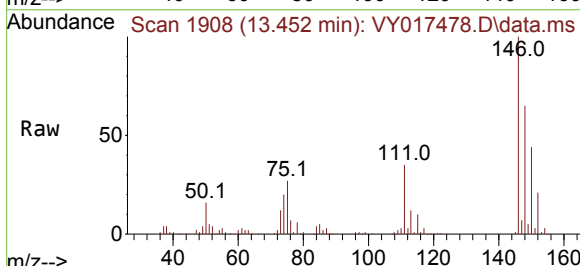
Tgt Ion:146 Resp: 58826

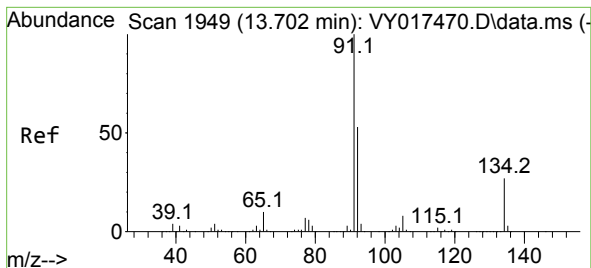
Ion Ratio Lower Upper

146 100

111 38.2 18.4 55.4

148 63.3 32.4 97.2





#89

n-Butylbenzene

Concen: 18.049 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

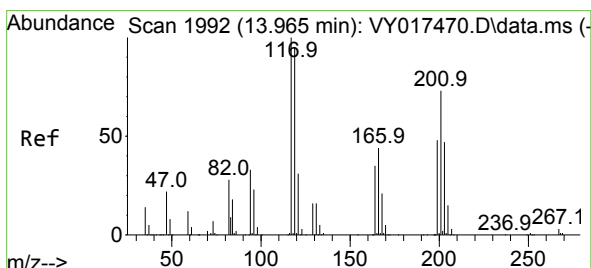
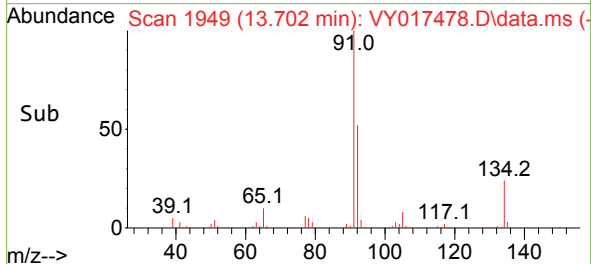
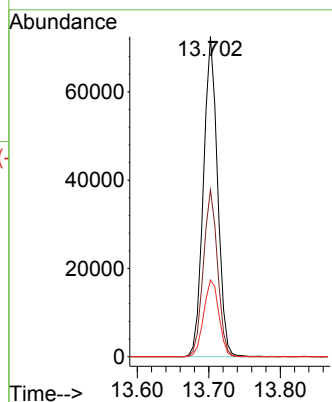
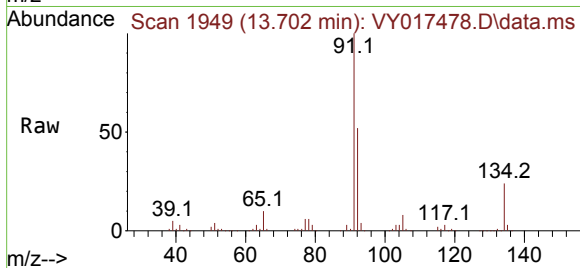
Instrument :

MSVOA\_Y

ClientSampleId :

VY0226SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 99590 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 52.5  | 26.6  | 79.7  |
| 134      | 25.7  | 12.9  | 38.7  |



#90

Hexachloroethane

Concen: 18.898 ug/l

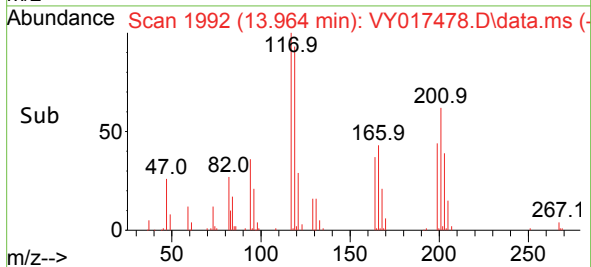
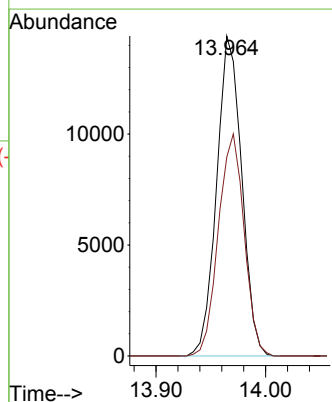
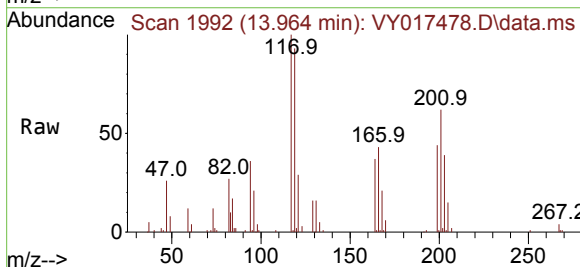
RT: 13.964 min Scan# 1992

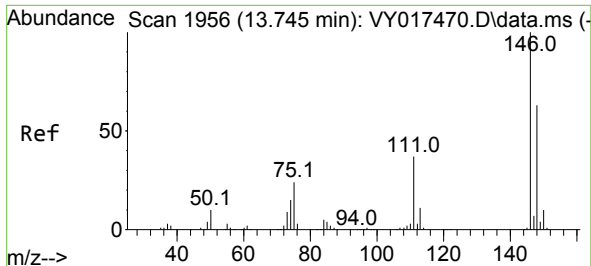
Delta R.T. -0.000 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 22913 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 71.4  | 37.4  | 112.2 |





#91

1,2-Dichlorobenzene

Concen: 17.911 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0226SBS01

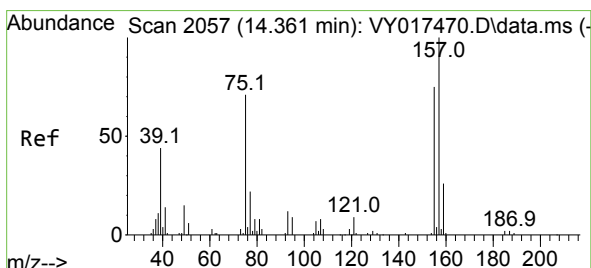
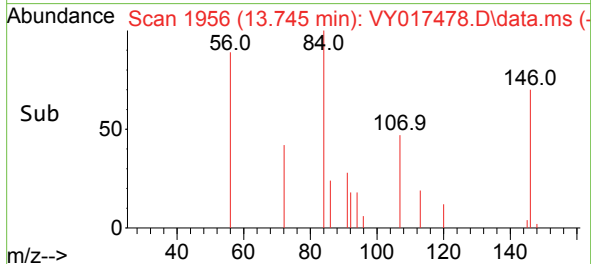
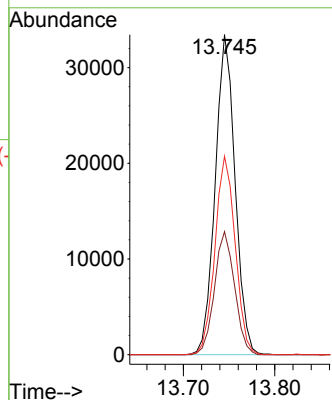
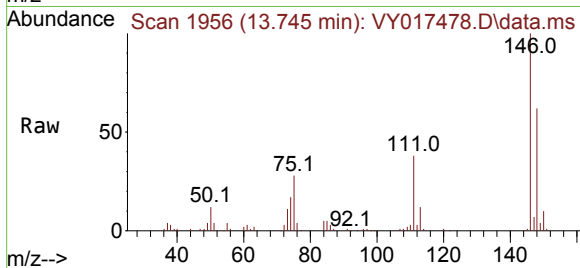
Tgt Ion:146 Resp: 50580

Ion Ratio Lower Upper

146 100

111 38.9 19.9 59.7

148 63.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.121 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

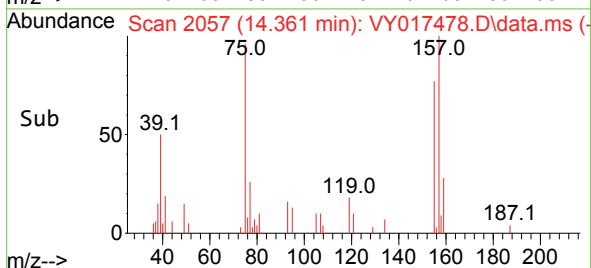
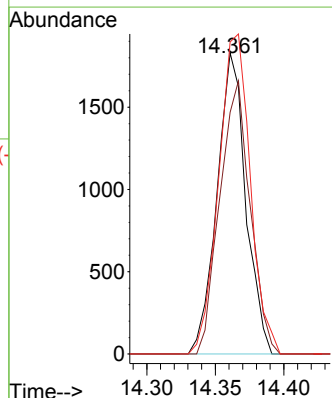
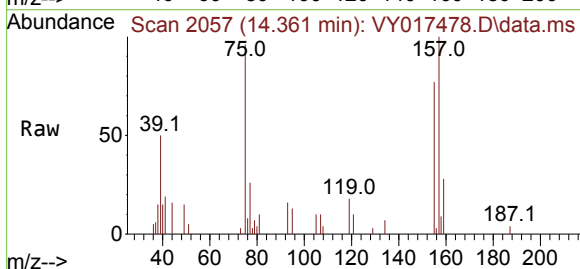
Tgt Ion: 75 Resp: 2673

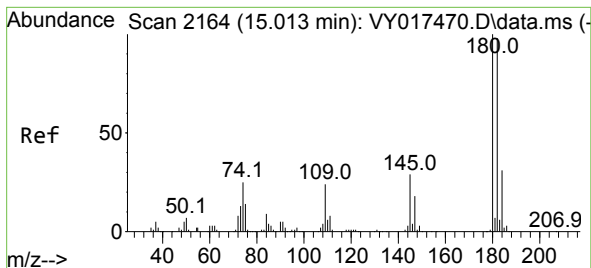
Ion Ratio Lower Upper

75 100

155 95.5 48.6 145.8

157 116.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 16.712 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0226SBS01

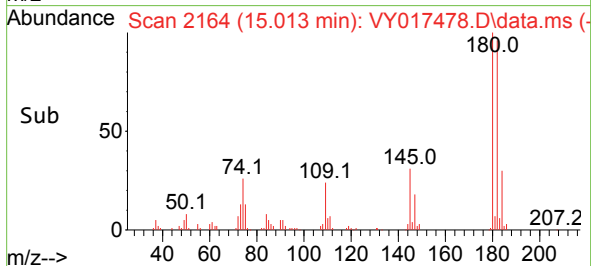
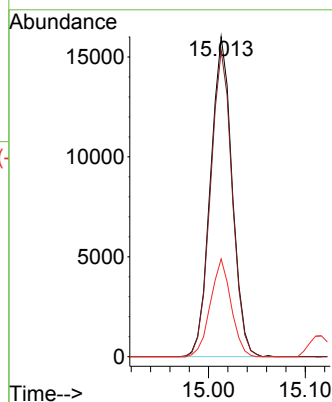
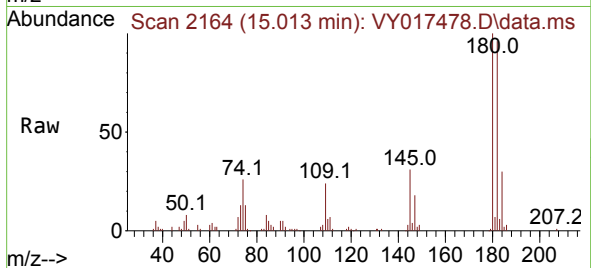
Tgt Ion:180 Resp: 24929

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.8

145 29.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 17.821 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

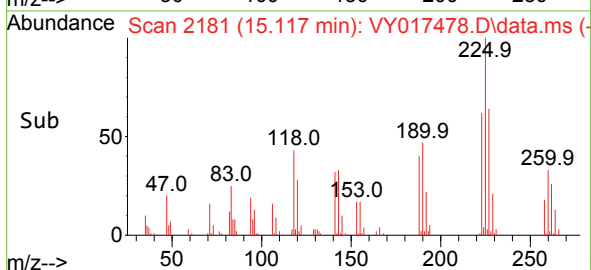
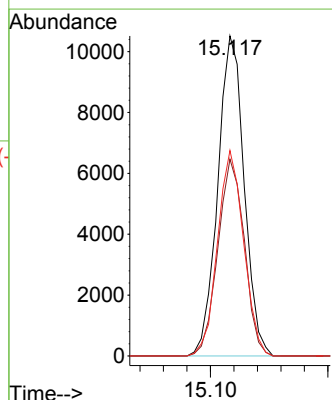
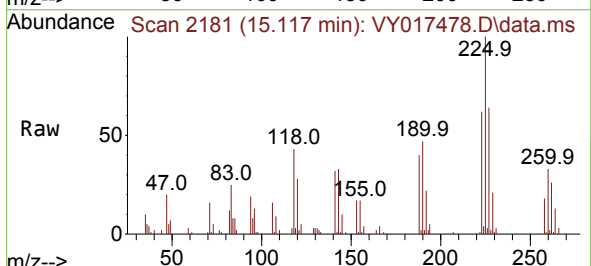
Tgt Ion:225 Resp: 16412

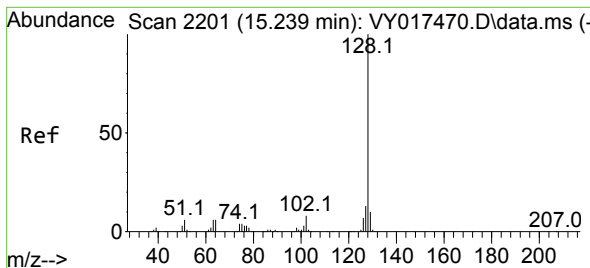
Ion Ratio Lower Upper

225 100

223 61.5 30.4 91.2

227 63.5 31.9 95.9





#95

Naphthalene

Concen: 15.708 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0226SBS01

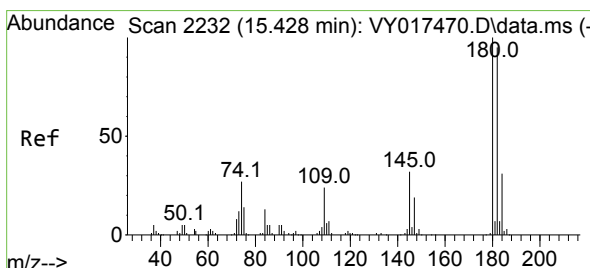
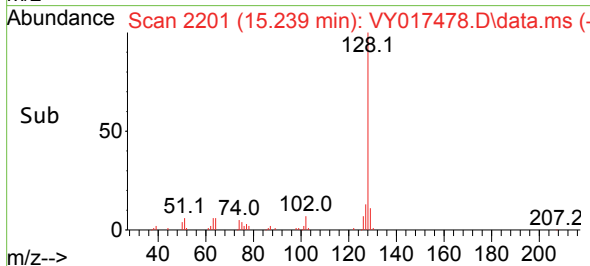
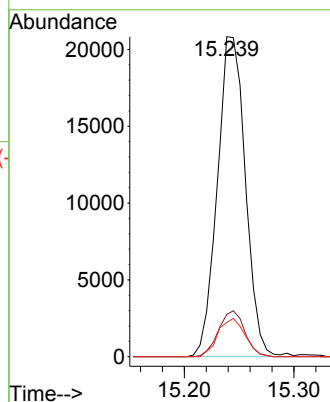
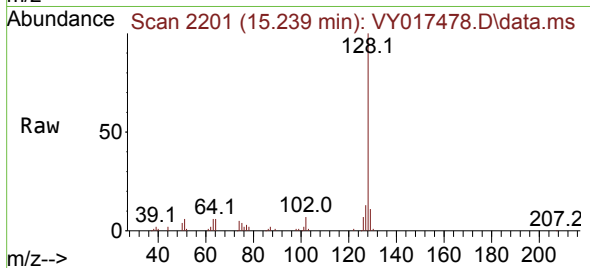
Tgt Ion:128 Resp: 36984

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 11.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 16.301 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY017478.D

Acq: 26 Feb 2024 13:33

Tgt Ion:180 Resp: 20860

Ion Ratio Lower Upper

180 100

182 94.0 47.6 142.9

145 29.9 15.4 46.1

