

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060724\  
 Data File : VY018522.D  
 Acq On : 07 Jun 2024 12:56  
 Operator : SY/MD  
 Sample : VY0607SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jun 07 23:10:49 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060324S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 04 07:11:56 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 44800    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 72584    | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 66640    | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 45984    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.130  | 65    | 40612    | 46.160   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 92.320% |
| 35) Dibromofluoromethane    | 7.703  | 113   | 40123    | 43.592   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 87.180% |
| 50) Toluene-d8              | 10.172 | 98    | 154302   | 42.140   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 84.280% |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 47217    | 41.416   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 82.840% |

|                              |       |     |        |         |        |    |
|------------------------------|-------|-----|--------|---------|--------|----|
| Target Compounds             |       |     |        |         | Qvalue |    |
| 2) Dichlorodifluoromethane   | 1.893 | 85  | 13171  | 18.512  | ug/l   | 94 |
| 3) Chloromethane             | 2.107 | 50  | 31590  | 23.808  | ug/l   | 98 |
| 4) Vinyl Chloride            | 2.241 | 62  | 36672  | 23.106  | ug/l   | 97 |
| 5) Bromomethane              | 2.631 | 94  | 23803  | 22.480  | ug/l   | 99 |
| 6) Chloroethane              | 2.784 | 64  | 23935  | 23.886  | ug/l   | 94 |
| 7) Trichlorofluoromethane    | 3.113 | 101 | 34820  | 21.204  | ug/l   | 95 |
| 8) Diethyl Ether             | 3.521 | 74  | 9902   | 20.041  | ug/l   | 79 |
| 9) 1,1,2-Trichlorotrifluo... | 3.881 | 101 | 18289  | 19.127  | ug/l   | 90 |
| 10) Methyl Iodide            | 4.076 | 142 | 17605  | 18.744  | ug/l   | 94 |
| 11) Tert butyl alcohol       | 4.929 | 59  | 13044  | 89.325  | ug/l   | 98 |
| 12) 1,1-Dichloroethene       | 3.856 | 96  | 17320  | 18.429  | ug/l   | 91 |
| 13) Acrolein                 | 3.716 | 56  | 5912   | 65.649  | ug/l   | 96 |
| 14) Allyl chloride           | 4.460 | 41  | 29253  | 21.253  | ug/l # | 93 |
| 15) Acrylonitrile            | 5.143 | 53  | 21926  | 97.036  | ug/l   | 97 |
| 16) Acetone                  | 3.930 | 43  | 19100  | 97.812  | ug/l   | 89 |
| 17) Carbon Disulfide         | 4.173 | 76  | 50031  | 18.147  | ug/l   | 99 |
| 18) Methyl Acetate           | 4.466 | 43  | 9944   | 20.364  | ug/l   | 94 |
| 19) Methyl tert-butyl Ether  | 5.204 | 73  | 46174  | 20.385  | ug/l   | 96 |
| 20) Methylene Chloride       | 4.698 | 84  | 30126  | 25.590  | ug/l # | 83 |
| 21) trans-1,2-Dichloroethene | 5.204 | 96  | 19607  | 19.549  | ug/l   | 91 |
| 22) Diisopropyl ether        | 6.106 | 45  | 63314  | 22.587  | ug/l   | 93 |
| 23) Vinyl Acetate            | 6.045 | 43  | 192952 | 105.768 | ug/l # | 91 |
| 24) 1,1-Dichloroethane       | 6.002 | 63  | 37903  | 21.679  | ug/l   | 96 |
| 25) 2-Butanone               | 6.966 | 43  | 30485  | 101.906 | ug/l # | 80 |
| 26) 2,2-Dichloropropane      | 6.972 | 77  | 30775  | 20.027  | ug/l   | 97 |
| 27) cis-1,2-Dichloroethene   | 6.972 | 96  | 23121  | 19.818  | ug/l   | 88 |
| 28) Bromochloromethane       | 7.319 | 49  | 16311  | 20.273  | ug/l # | 78 |
| 29) Tetrahydrofuran          | 7.338 | 42  | 18676  | 96.131  | ug/l   | 89 |
| 30) Chloroform               | 7.496 | 83  | 37279  | 21.259  | ug/l   | 96 |
| 31) Cyclohexane              | 7.777 | 56  | 32696  | 19.932  | ug/l   | 95 |
| 32) 1,1,1-Trichloroethane    | 7.691 | 97  | 30328  | 19.746  | ug/l   | 93 |
| 36) 1,1-Dichloropropene      | 7.911 | 75  | 27984  | 19.940  | ug/l   | 95 |
| 37) Ethyl Acetate            | 7.057 | 43  | 13265  | 18.920  | ug/l   | 99 |
| 38) Carbon Tetrachloride     | 7.892 | 117 | 25238  | 17.946  | ug/l   | 97 |
| 39) Methylcyclohexane        | 9.179 | 83  | 34358  | 18.110  | ug/l   | 91 |
| 40) Benzene                  | 8.155 | 78  | 86119  | 20.480  | ug/l   | 97 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060724\  
 Data File : VY018522.D  
 Acq On : 07 Jun 2024 12:56  
 Operator : SY/MD  
 Sample : VY0607SBSD01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jun 07 23:10:49 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060324S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 04 07:11:56 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.301  | 41   | 6869     | 20.142  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 22093    | 21.611  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.264  | 43   | 24821    | 18.934  | ug/l # | 83       |
| 44) Trichloroethene           | 8.935  | 130  | 19107    | 18.336  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.203  | 63   | 20548    | 21.367  | ug/l   | 100      |
| 46) Dibromomethane            | 9.295  | 93   | 10866    | 19.708  | ug/l   | 88       |
| 47) Bromodichloromethane      | 9.490  | 83   | 26668    | 20.150  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.288  | 41   | 11398    | 18.898  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 2968     | 409.921 | ug/l # | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43   | 67152    | 98.649  | ug/l   | 89       |
| 52) Toluene                   | 10.239 | 92   | 51743    | 20.007  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 24257    | 19.958  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.922  | 75   | 29222    | 19.527  | ug/l # | 88       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 14461    | 20.160  | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 20151    | 19.963  | ug/l # | 82       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 24973    | 20.507  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 49628    | 91.554  | ug/l   | 96       |
| 59) 2-Hexanone                | 10.831 | 43   | 44739    | 95.108  | ug/l   | 88       |
| 60) Dibromochloromethane      | 10.983 | 129  | 16390    | 18.702  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 11.081 | 107  | 12881    | 19.069  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.715 | 164  | 17775    | 18.108  | ug/l   | 90       |
| 65) Chlorobenzene             | 11.514 | 112  | 55220    | 19.322  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 16413    | 17.762  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.587 | 91   | 99349    | 19.100  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.697 | 106  | 73279    | 37.413  | ug/l   | 97       |
| 69) o-Xylene                  | 12.026 | 106  | 34944    | 18.533  | ug/l   | 97       |
| 70) Styrene                   | 12.038 | 104  | 57419    | 18.639  | ug/l   | 96       |
| 71) Bromoform                 | 12.203 | 173  | 7373     | 15.145  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.324 | 105  | 90793    | 19.133  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.142 | 43   | 22127    | 19.157  | ug/l   | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 16756    | 20.059  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 12.629 | 75   | 19861    | 34.831  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 18427    | 18.289  | ug/l   | 84       |
| 78) n-propylbenzene           | 12.672 | 91   | 114780   | 20.154  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.751 | 91   | 62163    | 20.077  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 73752    | 19.956  | ug/l   | 95       |
| 81) trans-1,4-Dichloro-2-b... | 12.373 | 75   | 4599     | 16.945  | ug/l   | 87       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 63829    | 20.487  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.074 | 119  | 65559    | 19.183  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 72212    | 19.958  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 98190    | 19.509  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 79262    | 19.513  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 38037    | 19.139  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 38308    | 19.620  | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.696 | 91   | 79560    | 20.611  | ug/l   | 97       |
| 90) Hexachloroethane          | 13.958 | 117  | 13991    | 18.376  | ug/l   | 84       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 32918    | 19.034  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 2024     | 15.923  | ug/l   | 80       |
| 93) 1,2,4-Trichlorobenzene    | 15.001 | 180  | 16908    | 18.077  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 8469     | 17.049  | ug/l   | 96       |
| 95) Naphthalene               | 15.233 | 128  | 31478    | 16.757  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.421 | 180  | 14097    | 17.814  | ug/l   | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060724\  
Data File : VY018522.D  
Acq On : 07 Jun 2024 12:56  
Operator : SY/MD  
Sample : VY0607SBSD01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 6 Sample Multiplier: 1

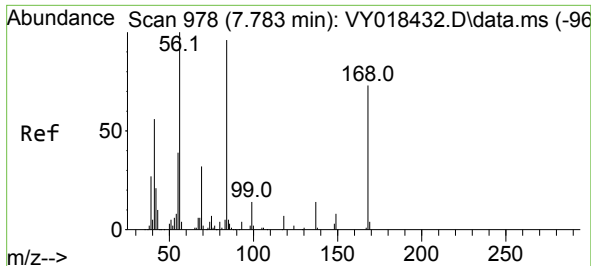
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Jun 07 23:10:49 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060324S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 04 07:11:56 2024  
Response via : Initial Calibration

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

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

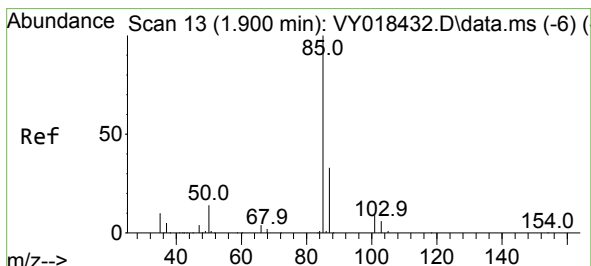
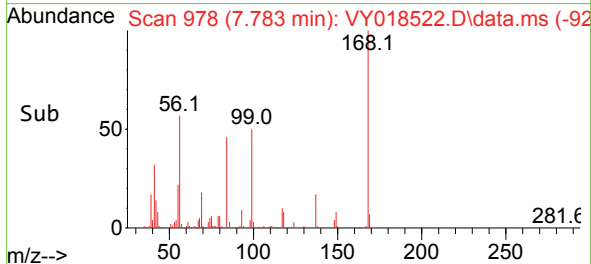
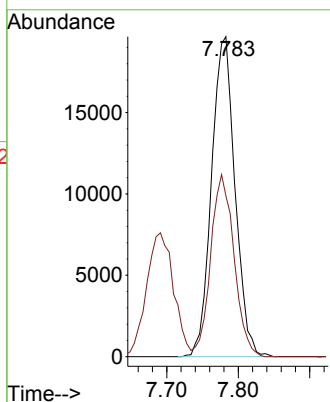
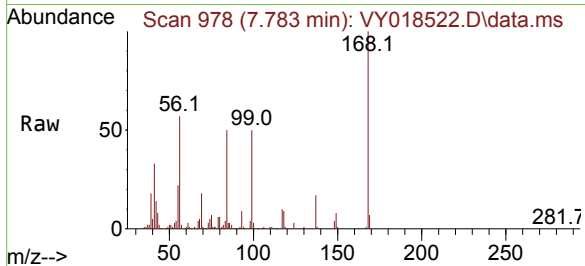




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

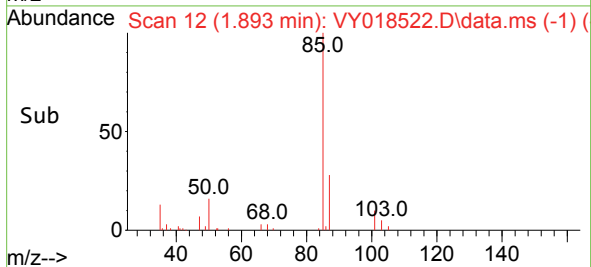
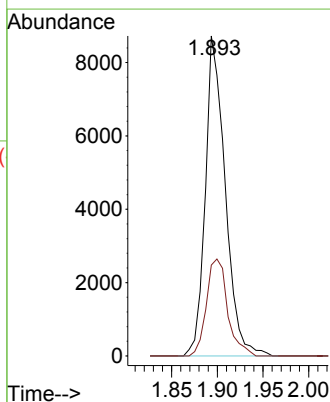
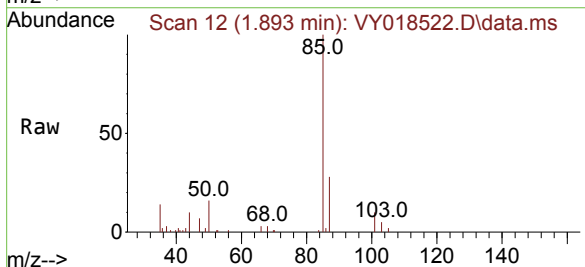
Instrument :  
MSVOA\_Y  
ClientSampleId :

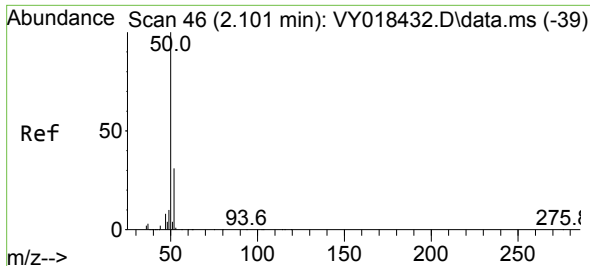
Tgt Ion:168 Resp: 44800  
Ion Ratio Lower Upper  
168 100  
99 50.3 39.1 58.7



#2  
Dichlorodifluoromethane  
Concen: 18.512 ug/l  
RT: 1.893 min Scan# 12  
Delta R.T. -0.006 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Tgt Ion: 85 Resp: 13171  
Ion Ratio Lower Upper  
85 100  
87 28.4 16.0 48.0

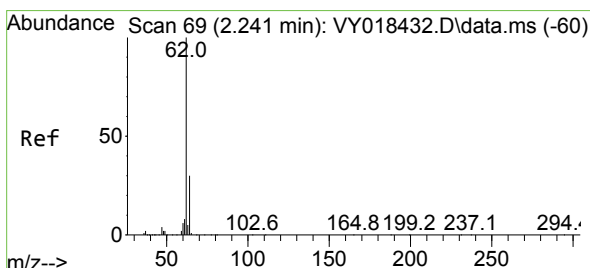
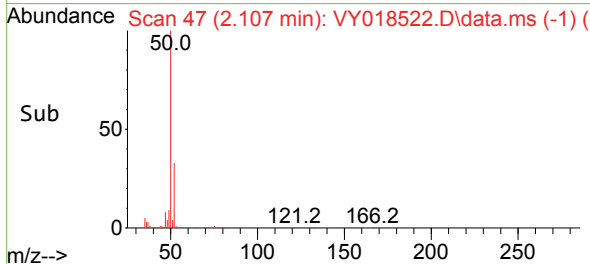
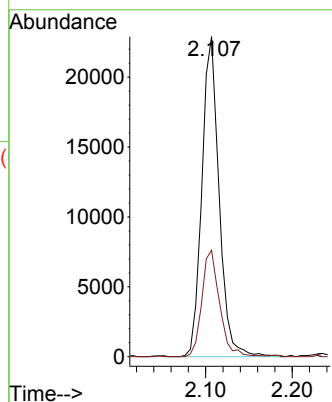
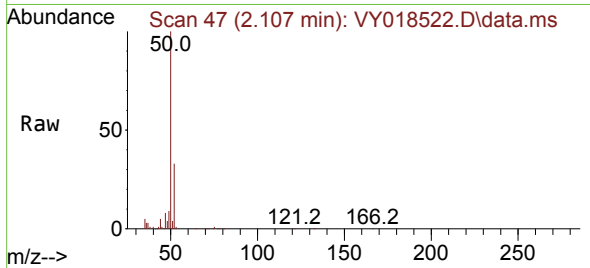




#3  
Chloromethane  
Concen: 23.808 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

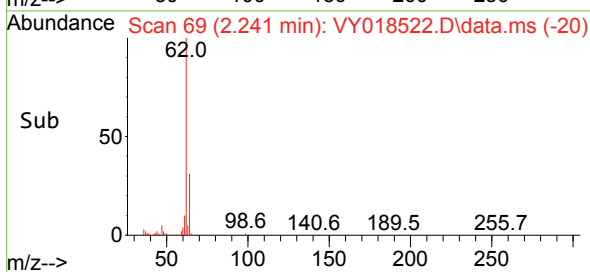
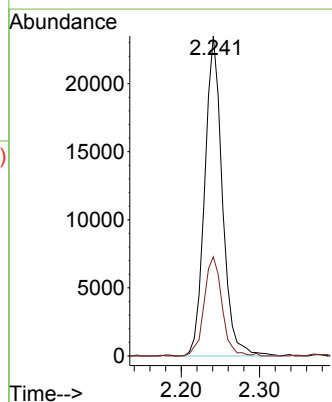
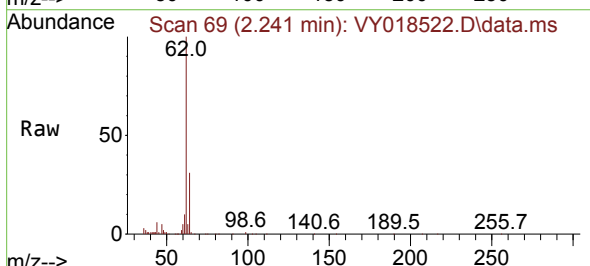
Instrument :  
MSVOA\_Y  
ClientSampleId :

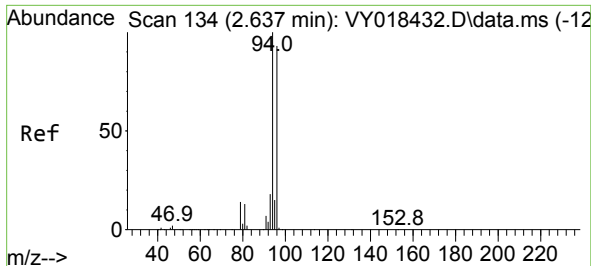
Tgt Ion: 50 Resp: 31590  
Ion Ratio Lower Upper  
50 100  
52 33.3 25.6 38.4



#4  
Vinyl Chloride  
Concen: 23.106 ug/l  
RT: 2.241 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Tgt Ion: 62 Resp: 36672  
Ion Ratio Lower Upper  
62 100  
64 31.0 26.1 39.1

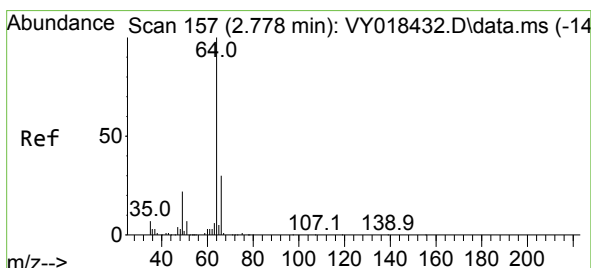
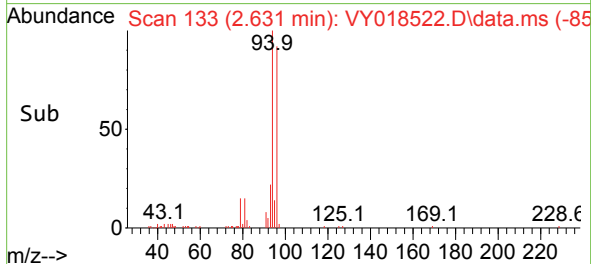
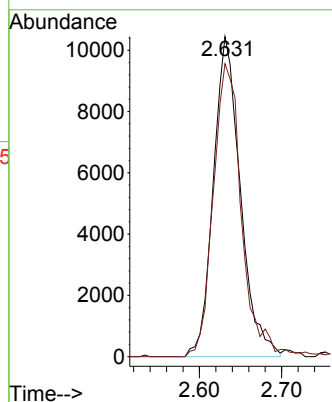
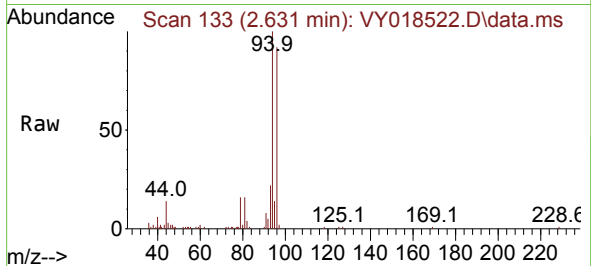




#5  
Bromomethane  
Concen: 22.480 ug/l  
RT: 2.631 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

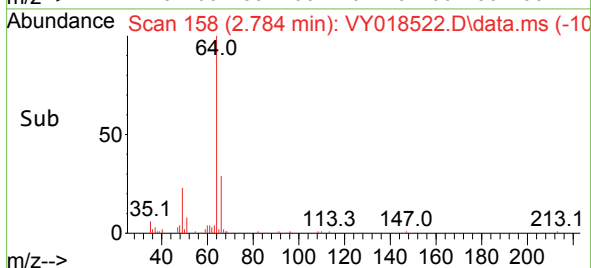
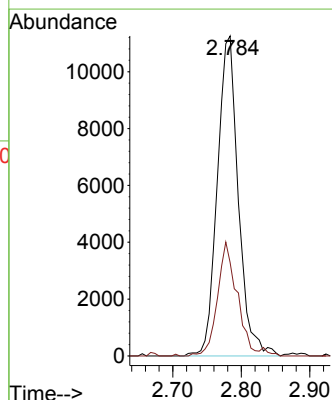
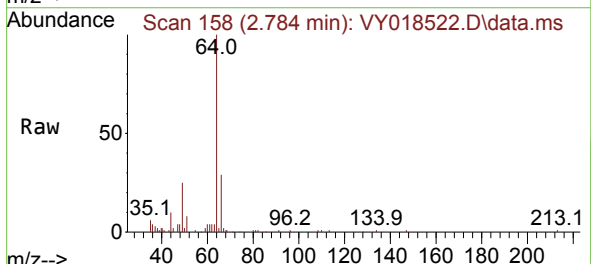
Instrument :  
MSVOA\_Y  
ClientSampleId :

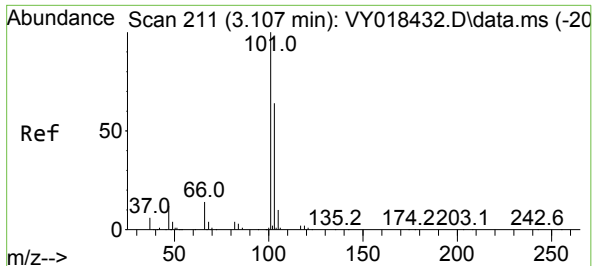
Tgt Ion: 94 Resp: 23803  
Ion Ratio Lower Upper  
94 100  
96 91.6 74.1 111.1



#6  
Chloroethane  
Concen: 23.886 ug/l  
RT: 2.784 min Scan# 158  
Delta R.T. 0.006 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Tgt Ion: 64 Resp: 23935  
Ion Ratio Lower Upper  
64 100  
66 29.2 26.1 39.1

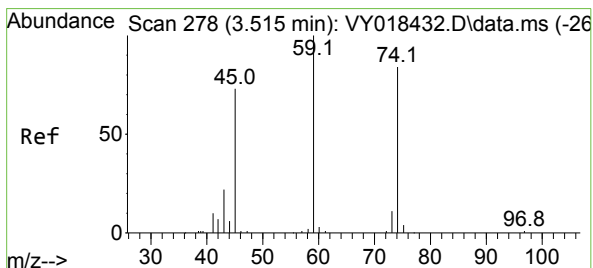
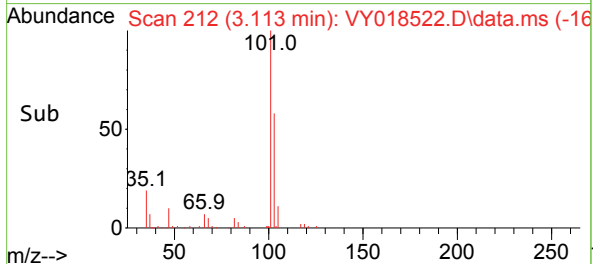
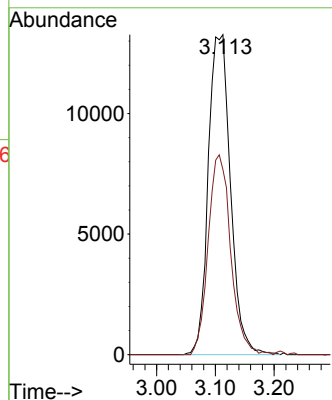
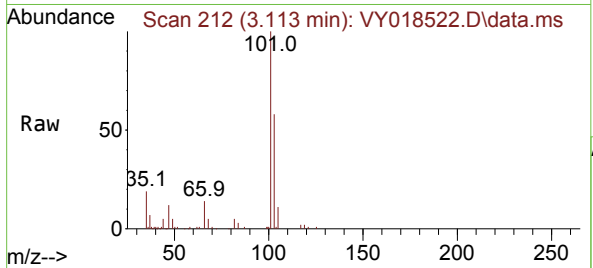




#7  
 Trichlorofluoromethane  
 Concen: 21.204 ug/l  
 RT: 3.113 min Scan# 211  
 Delta R.T. 0.006 min  
 Lab File: VY018522.D  
 Acq: 07 Jun 2024 12:56

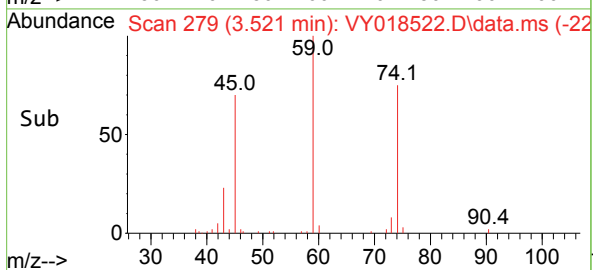
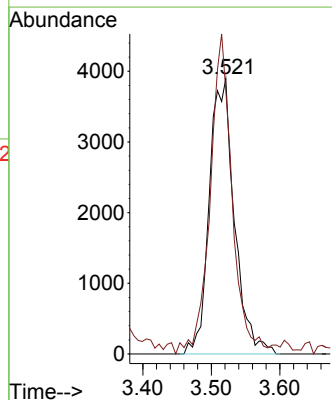
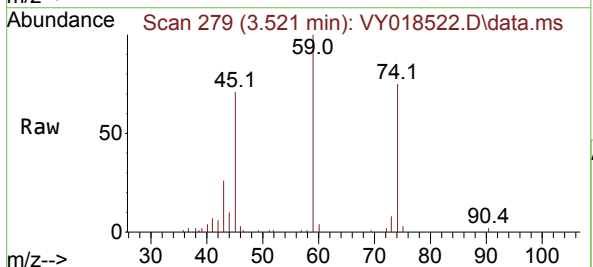
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion:101 Resp: 34820  
 Ion Ratio Lower Upper  
 101 100  
 103 57.9 49.3 73.9

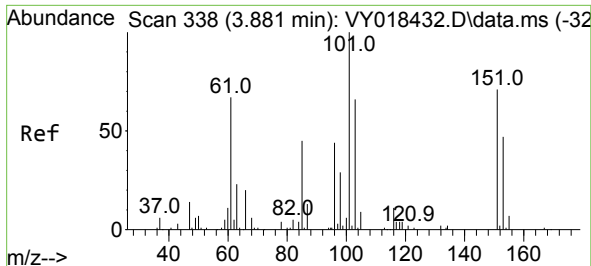


#8  
 Diethyl Ether  
 Concen: 20.041 ug/l  
 RT: 3.521 min Scan# 279  
 Delta R.T. 0.006 min  
 Lab File: VY018522.D  
 Acq: 07 Jun 2024 12:56

Tgt Ion: 74 Resp: 9902  
 Ion Ratio Lower Upper  
 74 100  
 45 102.0 41.3 124.1



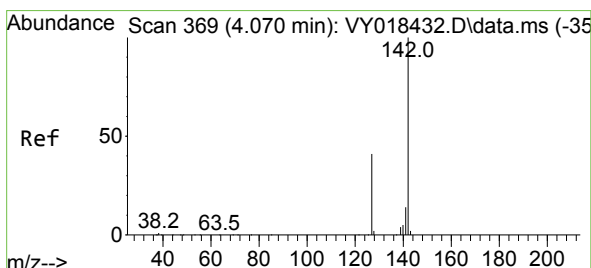
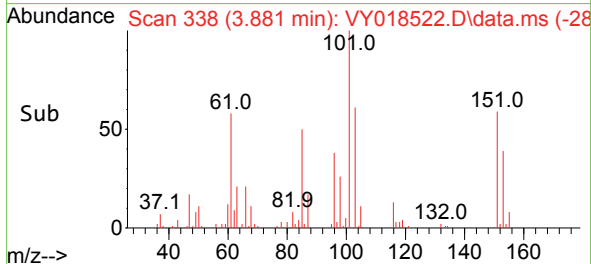
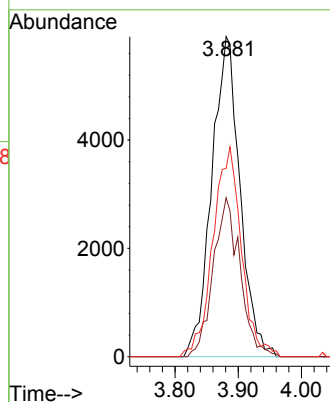
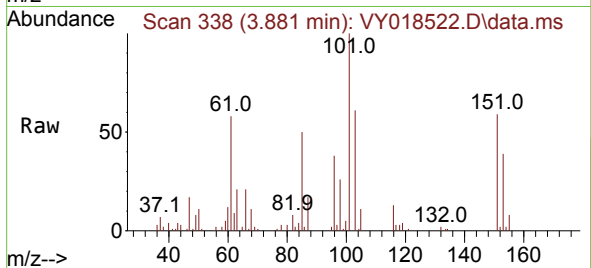




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.127 ug/l  
RT: 3.881 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

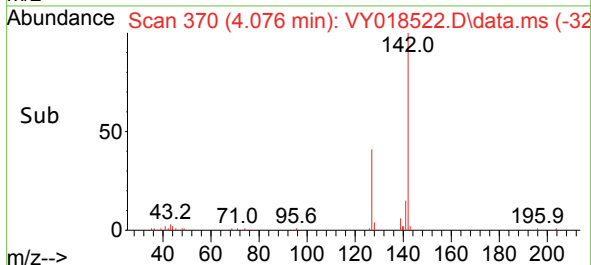
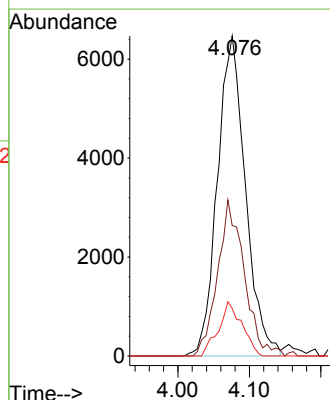
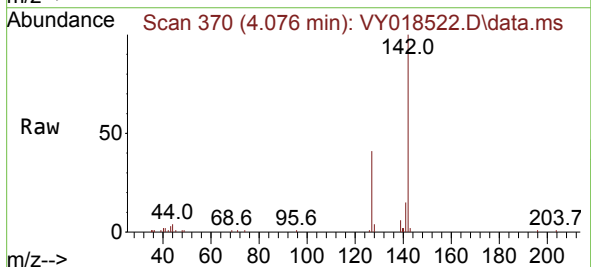
Instrument :  
MSVOA\_Y  
ClientSampleId :

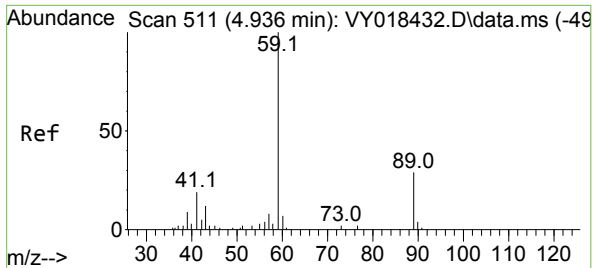
Tgt Ion:101 Resp: 18289  
Ion Ratio Lower Upper  
101 100  
85 47.2 34.5 51.7  
151 66.1 61.7 92.5



#10  
Methyl Iodide  
Concen: 18.744 ug/l  
RT: 4.076 min Scan# 370  
Delta R.T. 0.006 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Tgt Ion:142 Resp: 17605  
Ion Ratio Lower Upper  
142 100  
127 46.4 32.8 49.2  
141 14.2 11.4 17.2

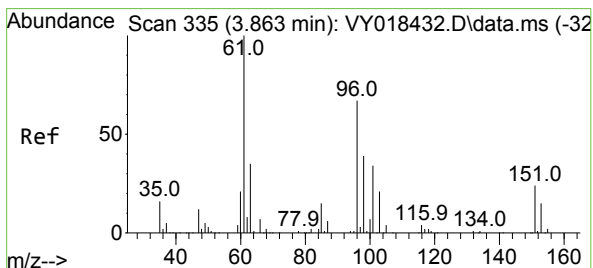
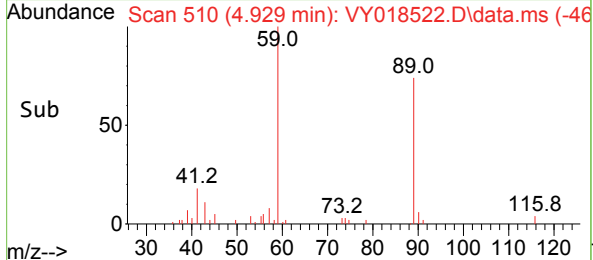
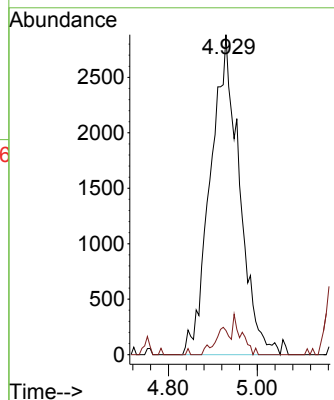
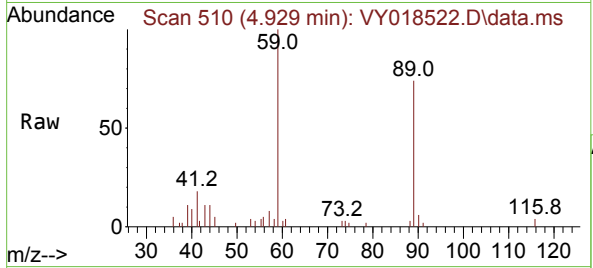




#11  
Tert butyl alcohol  
Concen: 89.325 ug/l  
RT: 4.929 min Scan# 511  
Delta R.T. -0.007 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

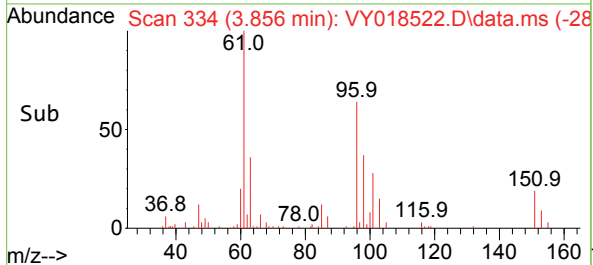
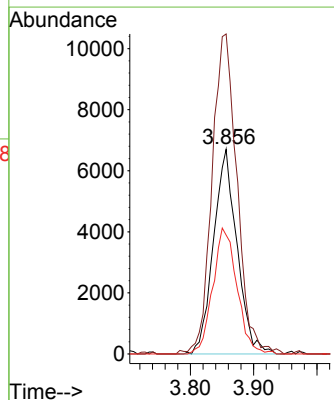
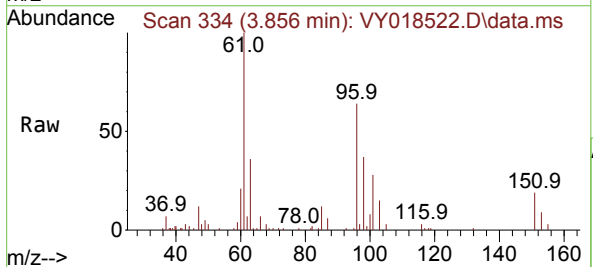
Instrument :  
MSVOA\_Y  
ClientSampleId :

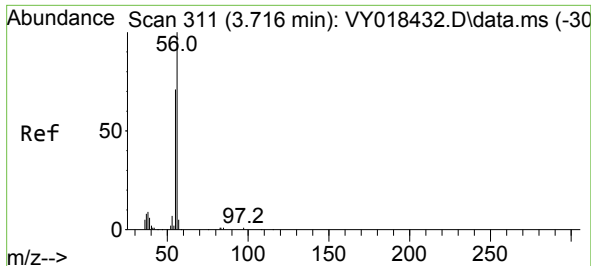
Tgt Ion: 59 Resp: 13044  
Ion Ratio Lower Upper  
59 100  
57 4.3 3.0 4.6



#12  
1,1-Dichloroethene  
Concen: 18.429 ug/l  
RT: 3.856 min Scan# 334  
Delta R.T. -0.006 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Tgt Ion: 96 Resp: 17320  
Ion Ratio Lower Upper  
96 100  
61 154.9 114.6 171.8  
98 58.1 50.8 76.2

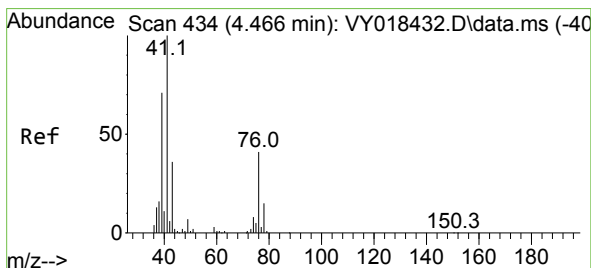
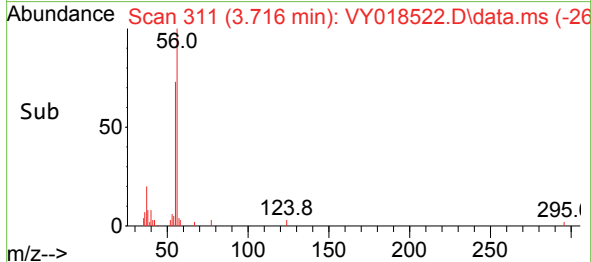
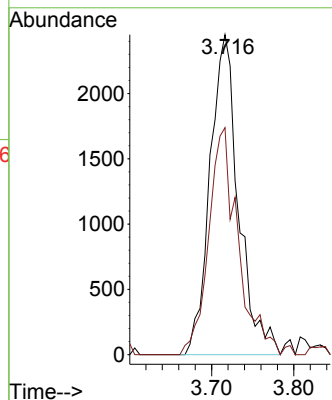
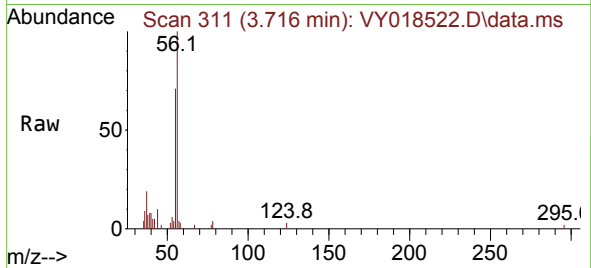




#13  
Acrolein  
Concen: 65.649 ug/l  
RT: 3.716 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

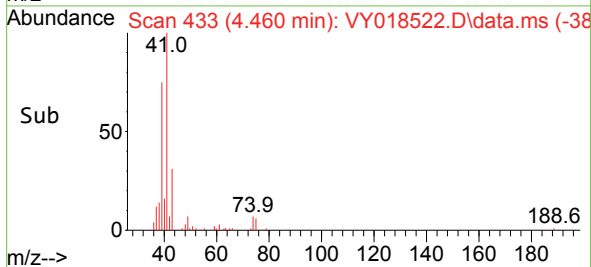
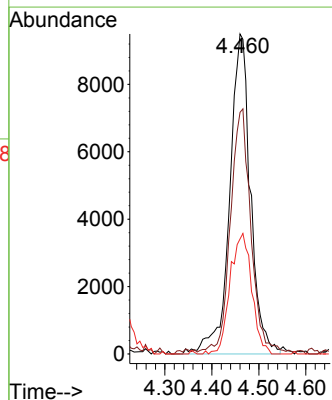
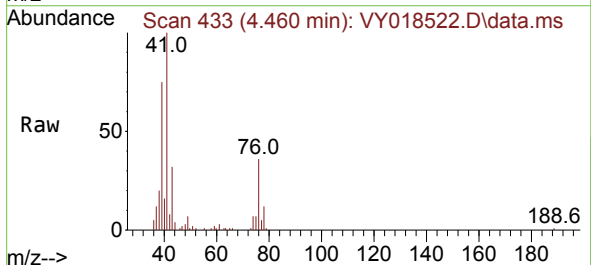
Instrument :  
MSVOA\_Y  
ClientSampleId :

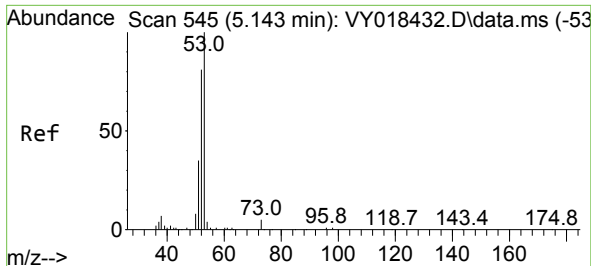
Tgt Ion: 56 Resp: 5912  
Ion Ratio Lower Upper  
56 100  
55 72.9 55.7 83.5



#14  
Allyl chloride  
Concen: 21.253 ug/l  
RT: 4.460 min Scan# 433  
Delta R.T. -0.006 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Tgt Ion: 41 Resp: 29253  
Ion Ratio Lower Upper  
41 100  
39 74.4 58.3 87.5  
76 38.9 39.0 58.6#

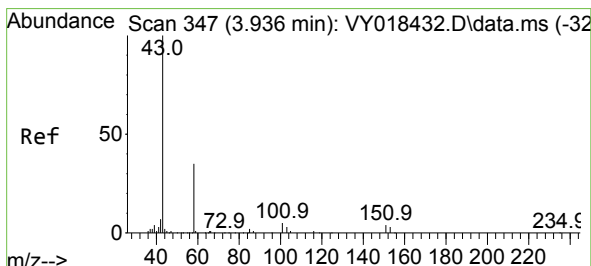
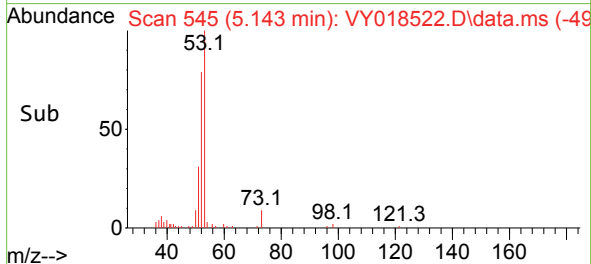
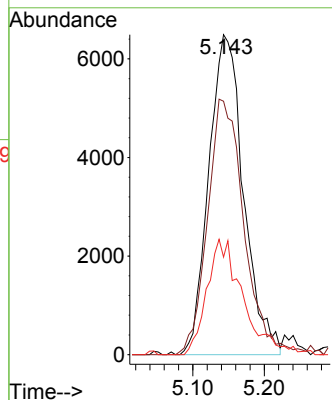
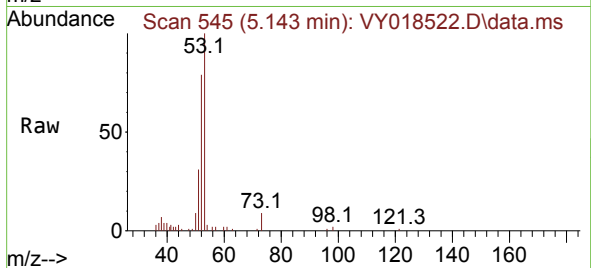




#15  
Acrylonitrile  
Concen: 97.036 ug/l  
RT: 5.143 min Scan# 545  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

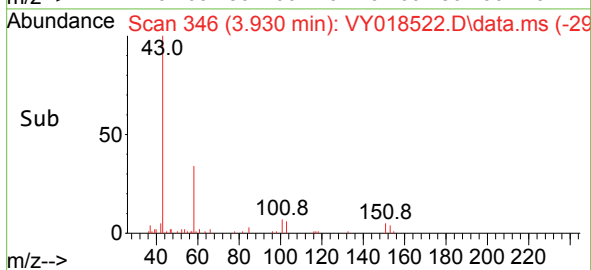
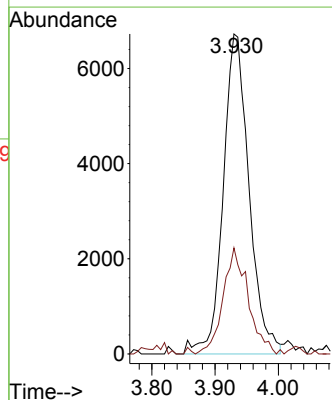
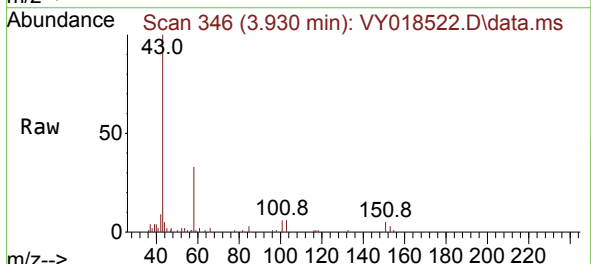
Instrument :  
MSVOA\_Y  
ClientSampleId :

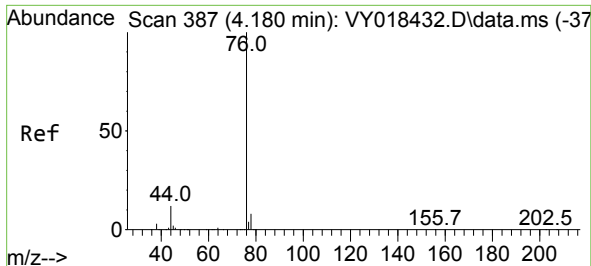
Tgt Ion: 53 Resp: 21926  
Ion Ratio Lower Upper  
53 100  
52 83.6 64.7 97.1  
51 37.6 28.4 42.6



#16  
Acetone  
Concen: 97.812 ug/l  
RT: 3.930 min Scan# 346  
Delta R.T. -0.006 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Tgt Ion: 43 Resp: 19100  
Ion Ratio Lower Upper  
43 100  
58 33.1 31.7 47.5

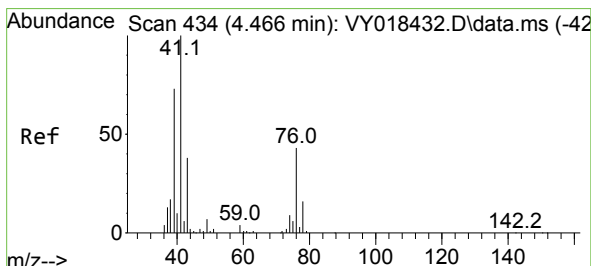
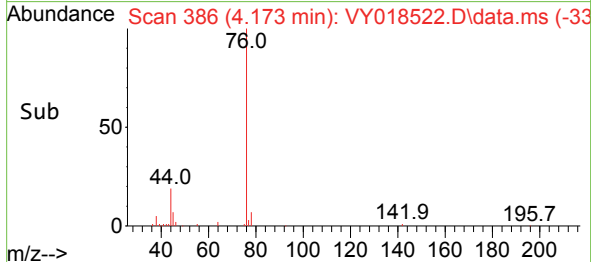
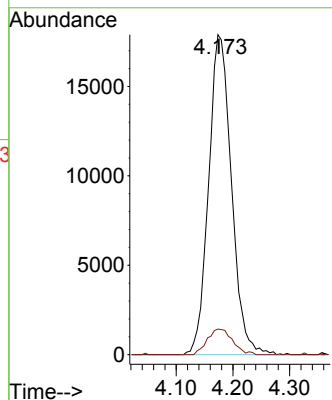
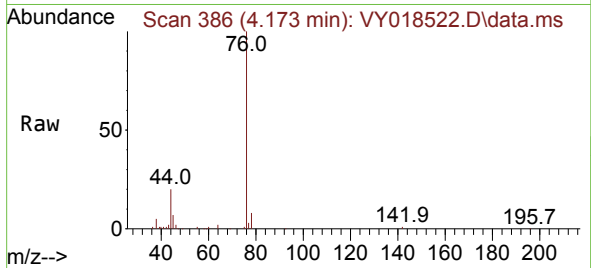




#17  
Carbon Disulfide  
Concen: 18.147 ug/l  
RT: 4.173 min Scan# 386  
Delta R.T. -0.006 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

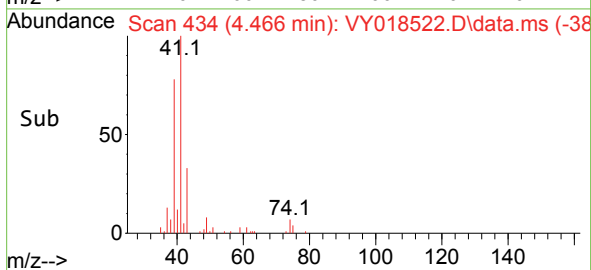
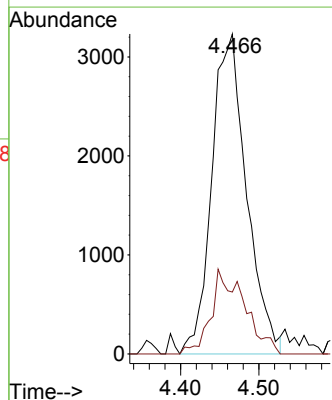
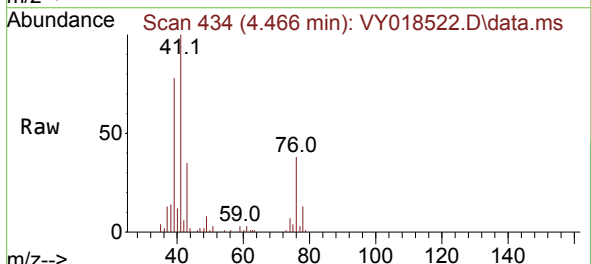
Instrument :  
MSVOA\_Y  
ClientSampleId :

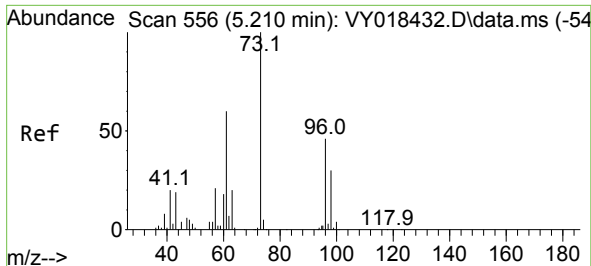
Tgt Ion: 76 Resp: 50031  
Ion Ratio Lower Upper  
76 100  
78 8.0 6.8 10.2



#18  
Methyl Acetate  
Concen: 20.364 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Tgt Ion: 43 Resp: 9944  
Ion Ratio Lower Upper  
43 100  
74 25.7 23.3 34.9

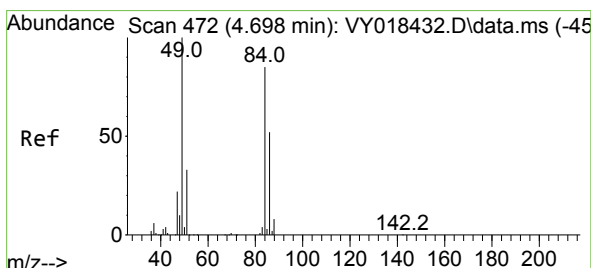
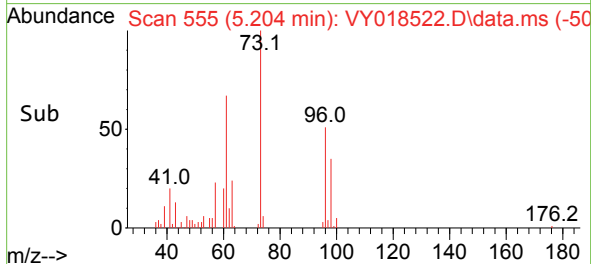
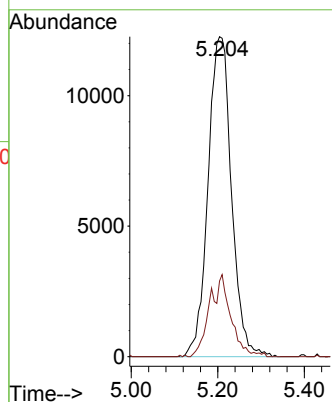
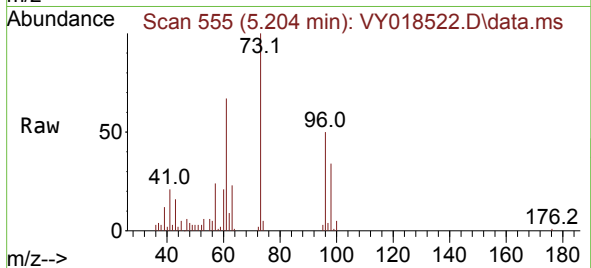




#19  
Methyl tert-butyl Ether  
Concen: 20.385 ug/l  
RT: 5.204 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

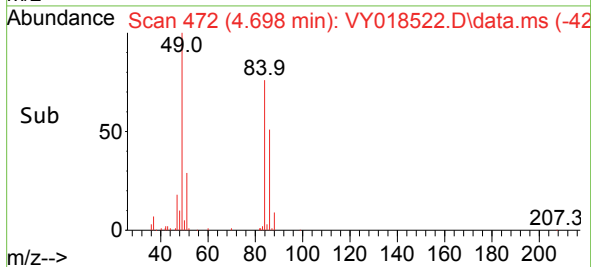
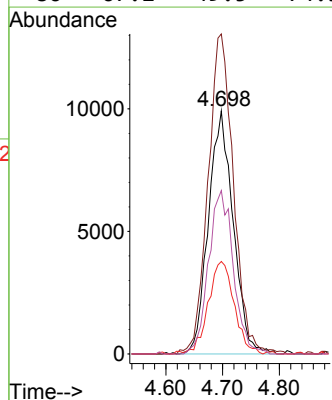
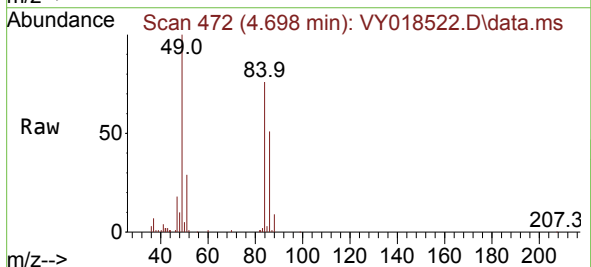
Instrument :  
MSVOA\_Y  
ClientSampleId :

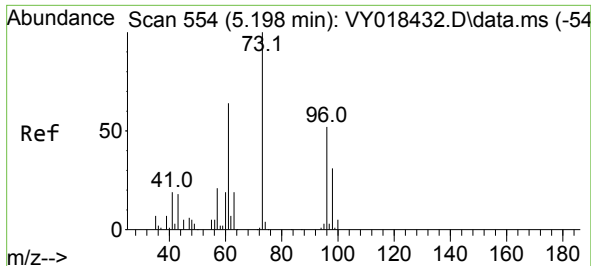
Tgt Ion: 73 Resp: 46174  
Ion Ratio Lower Upper  
73 100  
57 23.6 17.3 25.9



#20  
Methylene Chloride  
Concen: 25.590 ug/l  
RT: 4.698 min Scan# 472  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

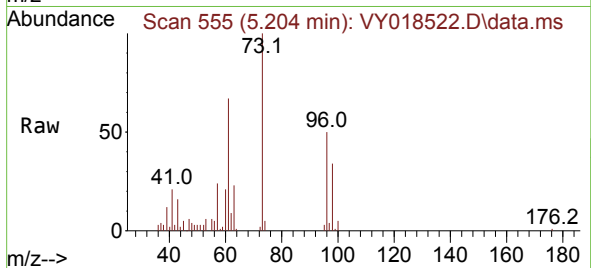
Tgt Ion: 84 Resp: 30126  
Ion Ratio Lower Upper  
84 100  
49 130.5 84.4 126.6#  
51 38.0 26.0 39.0  
86 67.2 49.5 74.3



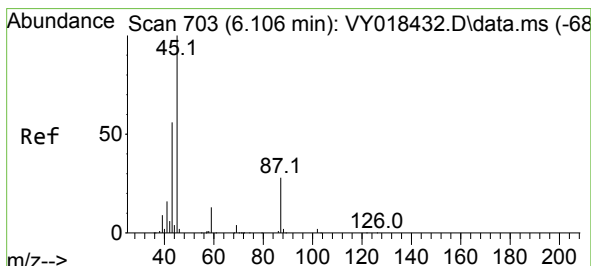
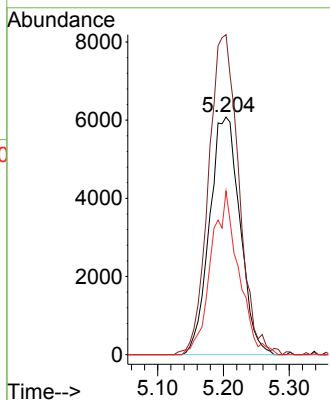
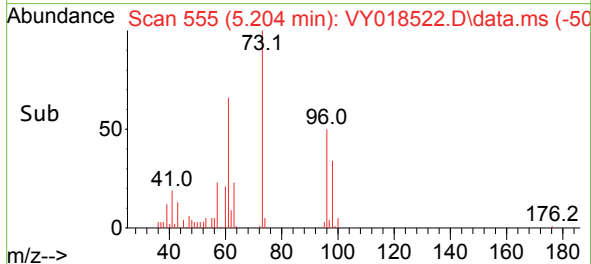


#21  
trans-1,2-Dichloroethene  
Concen: 19.549 ug/l  
RT: 5.204 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

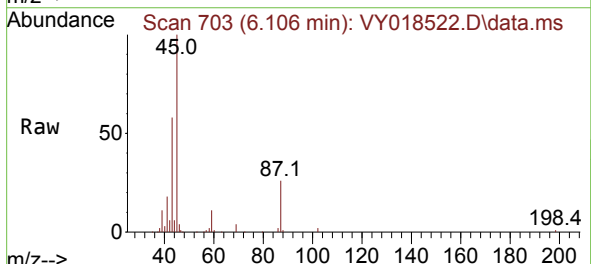
Instrument :  
MSVOA\_Y  
ClientSampleId :



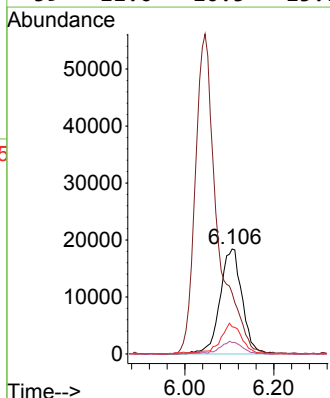
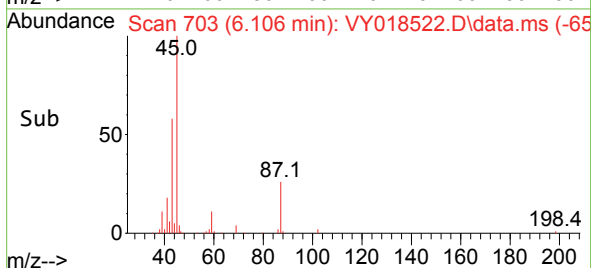
Tgt Ion: 96 Resp: 19607  
Ion Ratio Lower Upper  
96 100  
61 133.6 97.5 146.3  
98 68.8 50.5 75.7

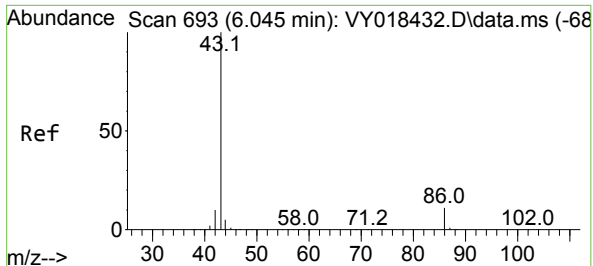


#22  
Diisopropyl ether  
Concen: 22.587 ug/l  
RT: 6.106 min Scan# 703  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56



Tgt Ion: 45 Resp: 63314  
Ion Ratio Lower Upper  
45 100  
43 57.1 42.2 63.2  
87 25.9 25.0 37.6  
59 11.0 10.5 15.7

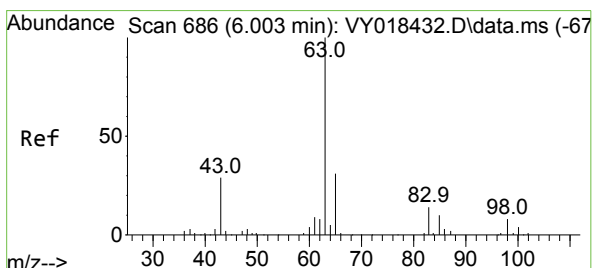
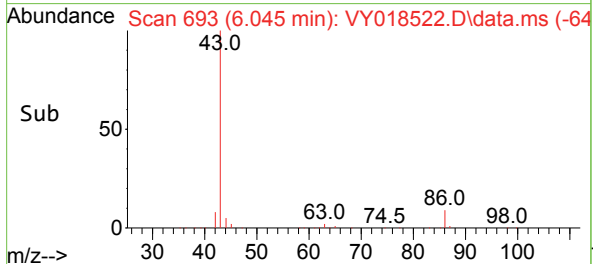
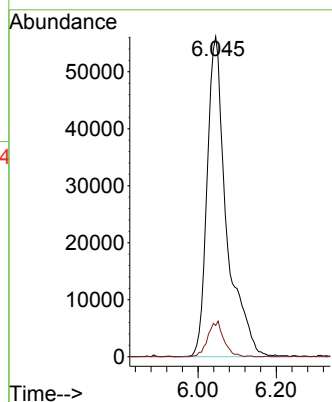
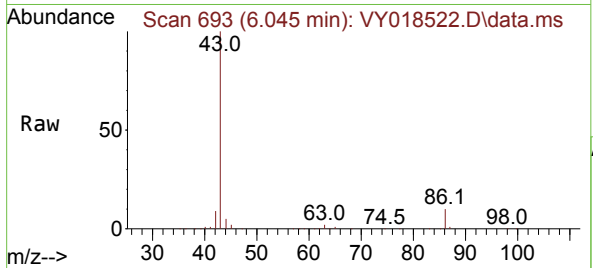




#23  
 Vinyl Acetate  
 Concen: 105.768 ug/l  
 RT: 6.045 min Scan# 693  
 Delta R.T. -0.000 min  
 Lab File: VY018522.D  
 Acq: 07 Jun 2024 12:56

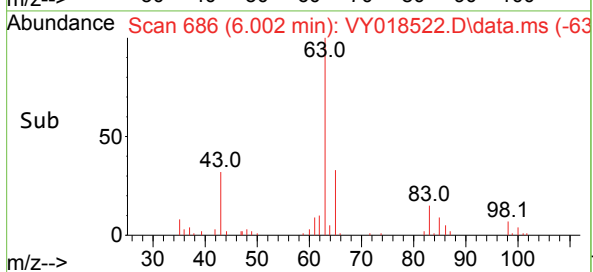
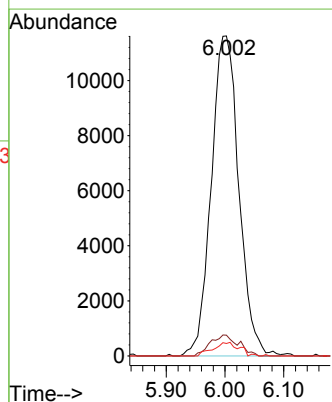
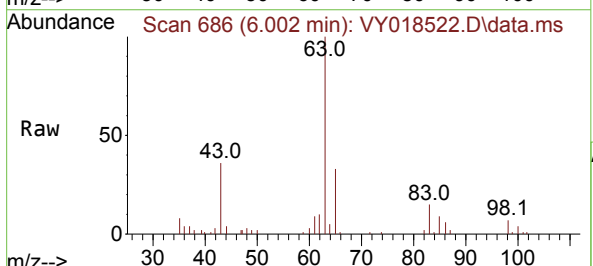
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion: 43 Resp: 192952  
 Ion Ratio Lower Upper  
 43 100  
 86 9.7 10.6 16.0#

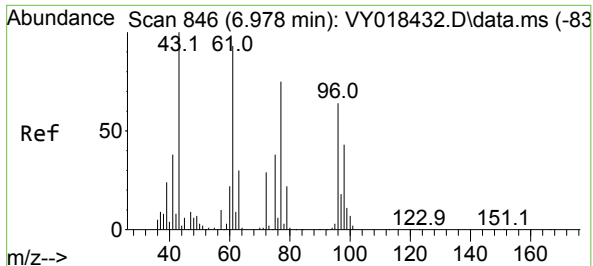


#24  
 1,1-Dichloroethane  
 Concen: 21.679 ug/l  
 RT: 6.002 min Scan# 686  
 Delta R.T. -0.000 min  
 Lab File: VY018522.D  
 Acq: 07 Jun 2024 12:56

Tgt Ion: 63 Resp: 37903  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 4.0 12.2  
 100 3.9 2.6 8.0



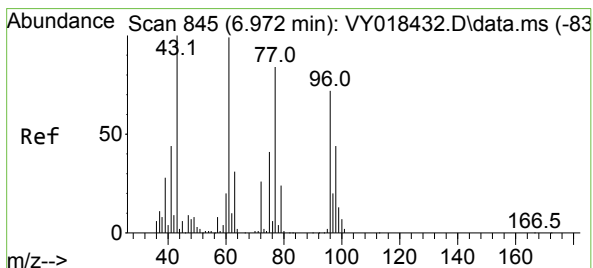
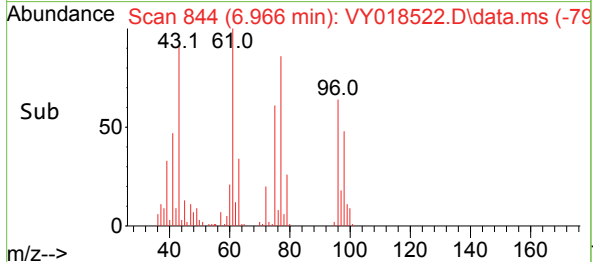
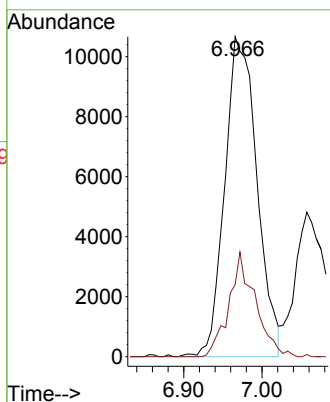
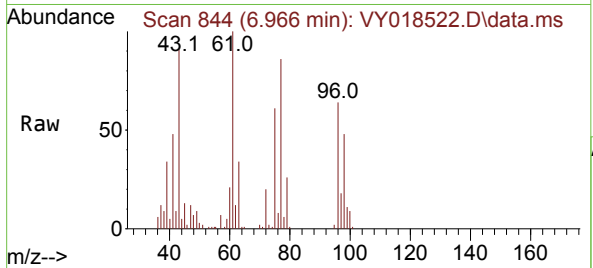




#25  
2-Butanone  
Concen: 101.906 ug/l  
RT: 6.966 min Scan# 846  
Delta R.T. -0.012 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

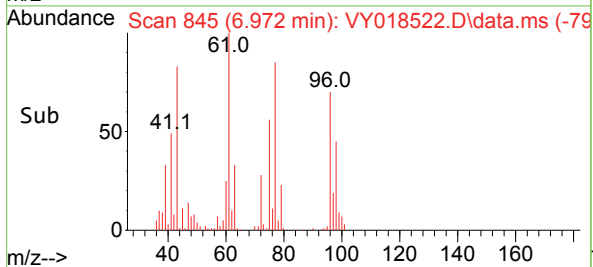
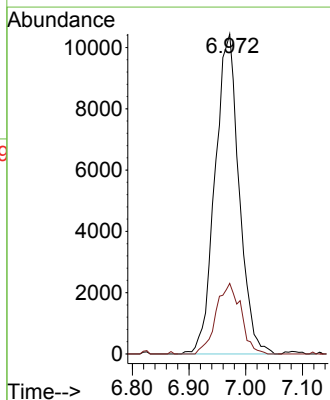
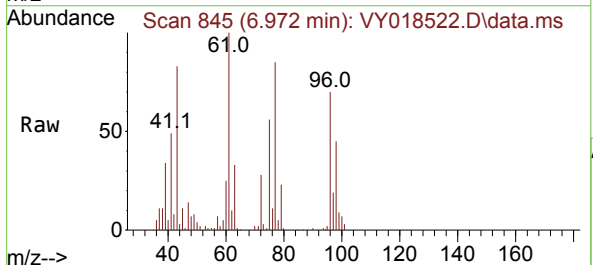
Instrument :  
MSVOA\_Y  
ClientSampleId :

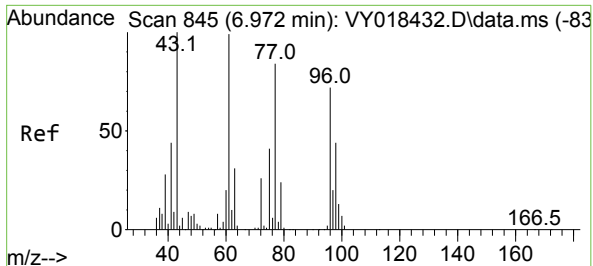
Tgt Ion: 43 Resp: 30485  
Ion Ratio Lower Upper  
43 100  
72 22.5 27.3 40.9#



#26  
2,2-Dichloropropane  
Concen: 20.027 ug/l  
RT: 6.972 min Scan# 845  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Tgt Ion: 77 Resp: 30775  
Ion Ratio Lower Upper  
77 100  
97 22.8 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.818 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

Instrument :

MSVOA\_Y

ClientSampleId :

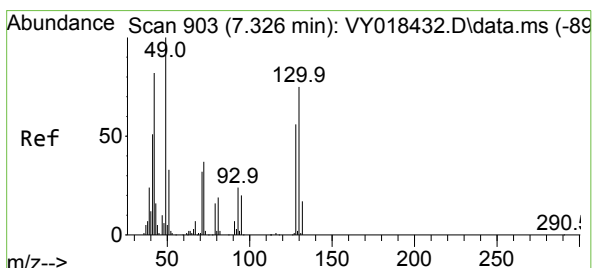
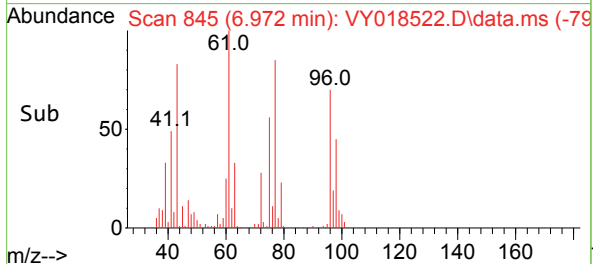
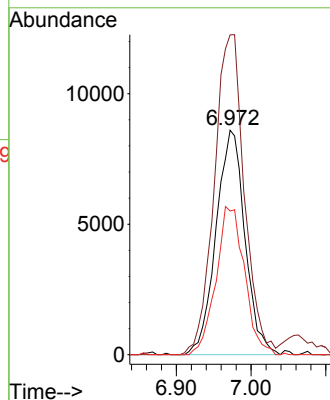
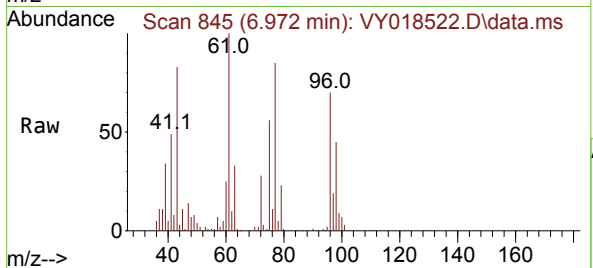
Tgt Ion: 96 Resp: 23121

Ion Ratio Lower Upper

96 100

61 148.4 0.0 256.2

98 65.1 0.0 130.0



#28

Bromochloromethane

Concen: 20.273 ug/l

RT: 7.319 min Scan# 902

Delta R.T. -0.006 min

Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

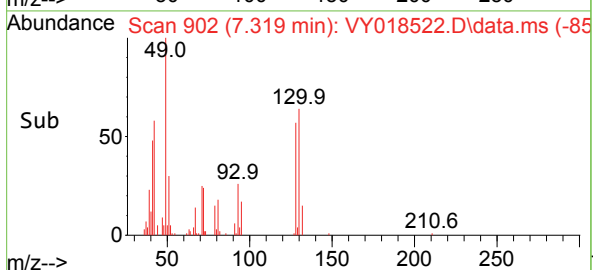
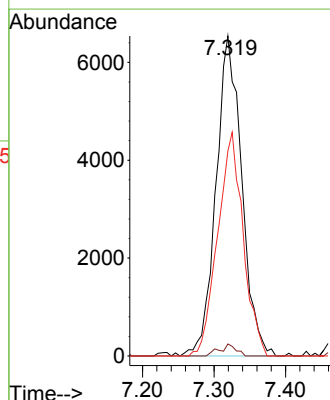
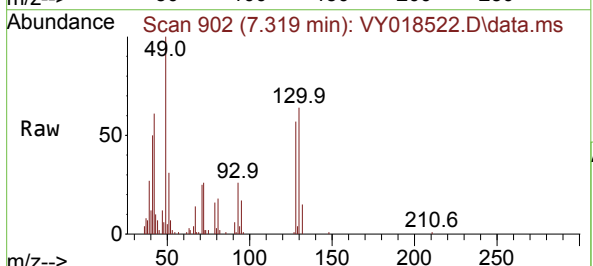
Tgt Ion: 49 Resp: 16311

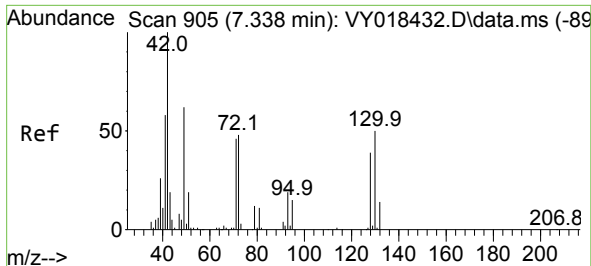
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 69.4 72.7 109.1#





#29

Tetrahydrofuran

Concen: 96.131 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

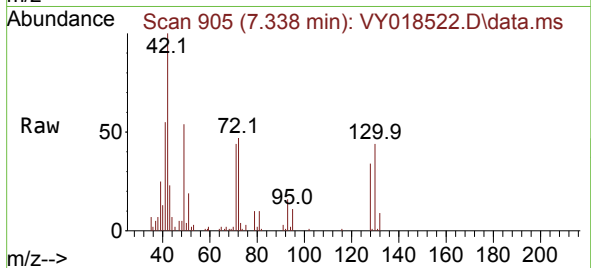
Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

Instrument :

MSVOA\_Y

ClientSampleId :



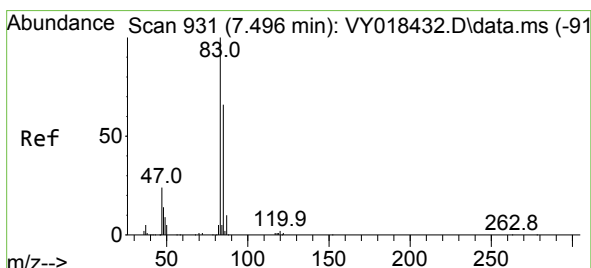
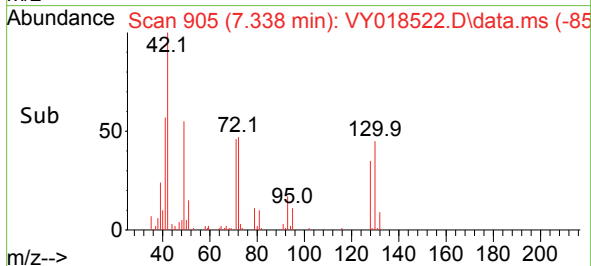
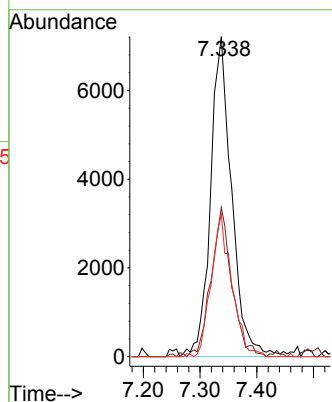
Tgt Ion: 42 Resp: 18676

Ion Ratio Lower Upper

42 100

72 45.6 43.0 64.4

71 43.4 40.8 61.2



#30

Chloroform

Concen: 21.259 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.000 min

Lab File: VY018522.D

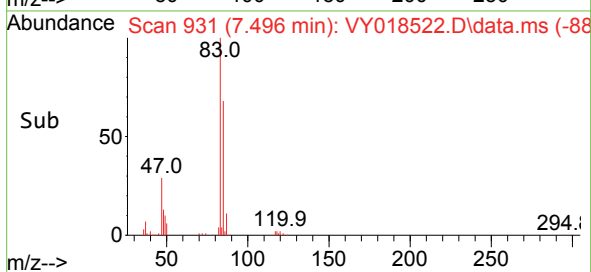
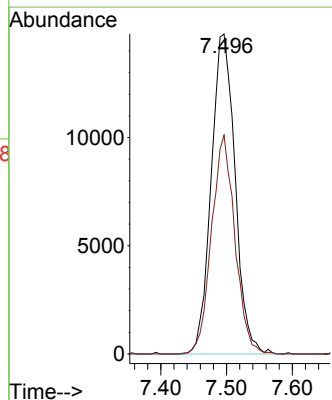
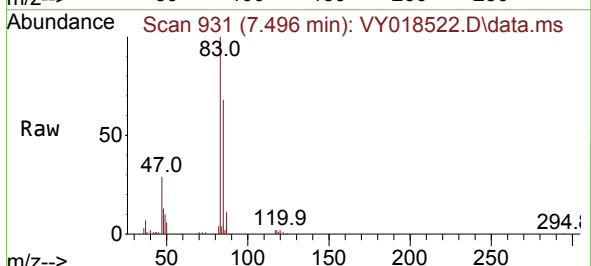
Acq: 07 Jun 2024 12:56

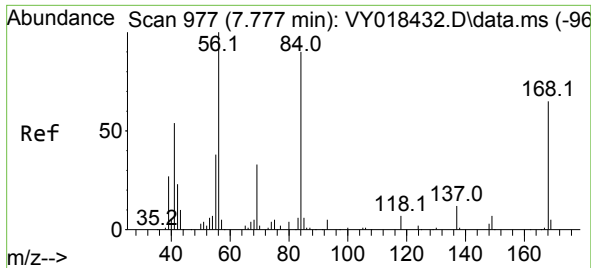
Tgt Ion: 83 Resp: 37279

Ion Ratio Lower Upper

83 100

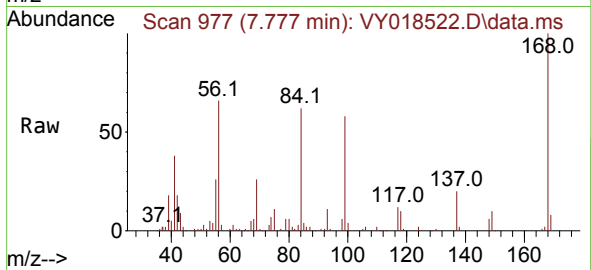
85 68.4 52.2 78.4



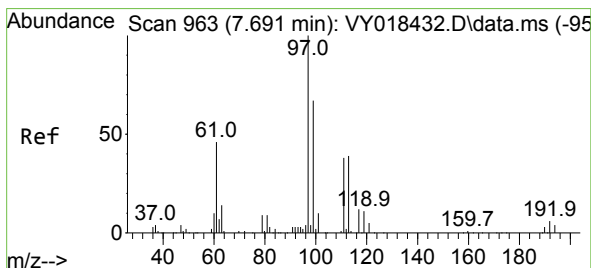
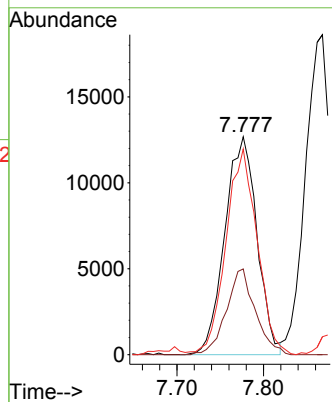
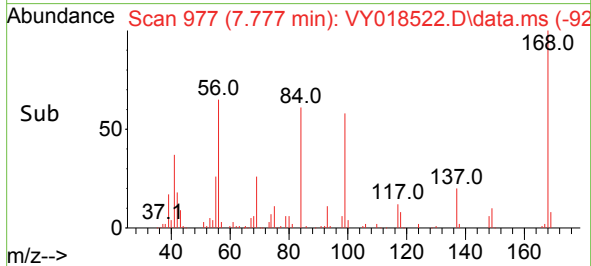


#31  
Cyclohexane  
Concen: 19.932 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Instrument :  
MSVOA\_Y  
ClientSampleId :

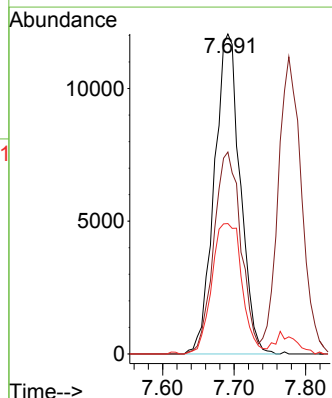
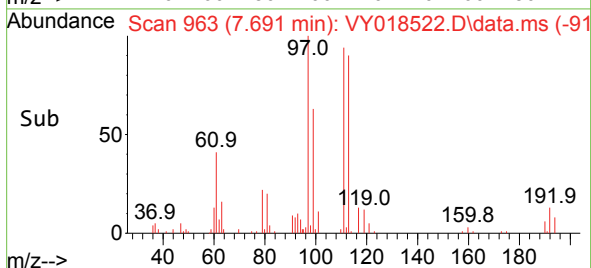
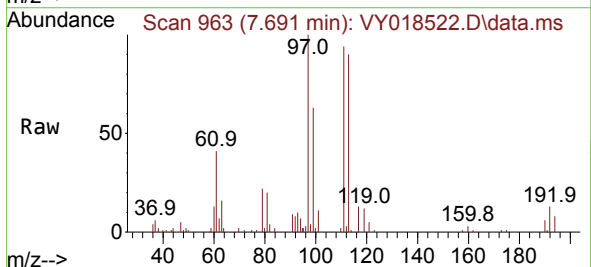


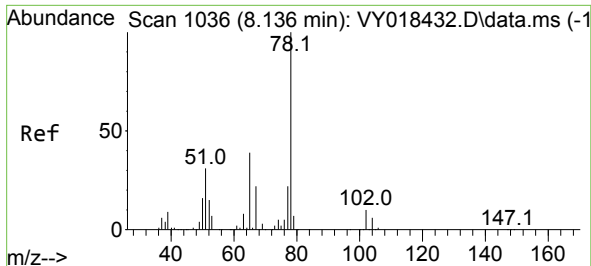
Tgt Ion: 56 Resp: 32696  
Ion Ratio Lower Upper  
56 100  
69 39.3 28.7 43.1  
84 92.8 77.7 116.5



#32  
1,1,1-Trichloroethane  
Concen: 19.746 ug/l  
RT: 7.691 min Scan# 963  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Tgt Ion: 97 Resp: 30328  
Ion Ratio Lower Upper  
97 100  
99 66.4 50.3 75.5  
61 47.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 46.160 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

Instrument :

MSVOA\_Y

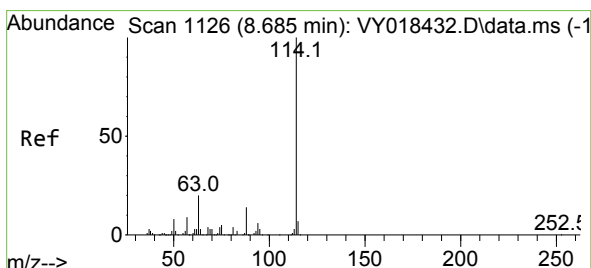
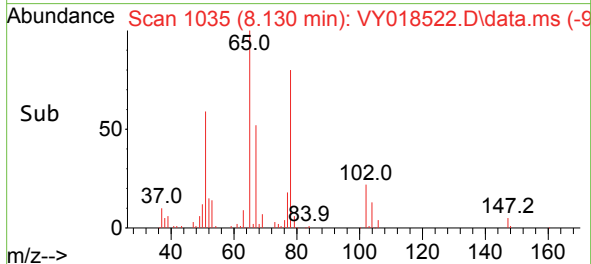
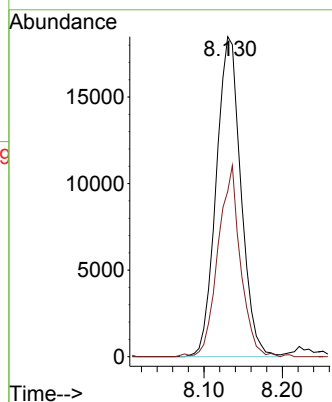
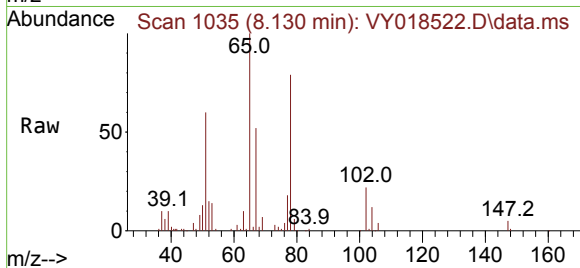
ClientSampleId :

Tgt Ion: 65 Resp: 40612

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

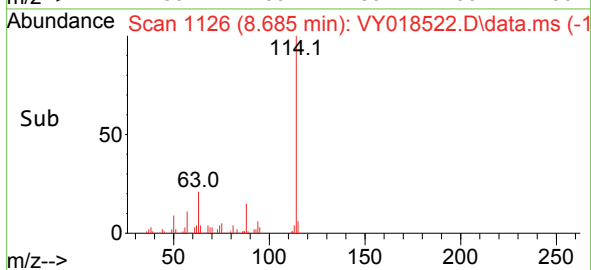
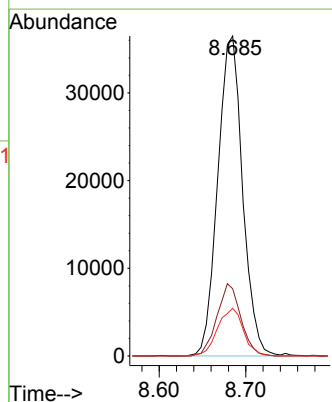
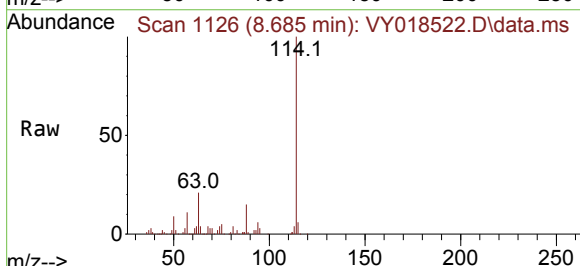
Tgt Ion: 114 Resp: 72584

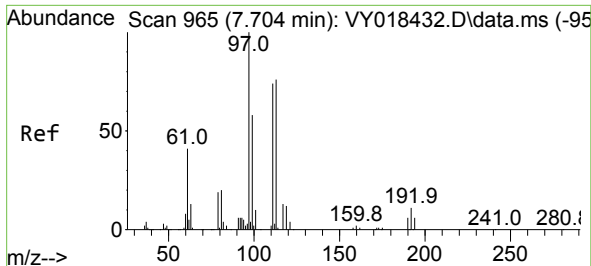
Ion Ratio Lower Upper

114 100

63 21.0 0.0 35.0

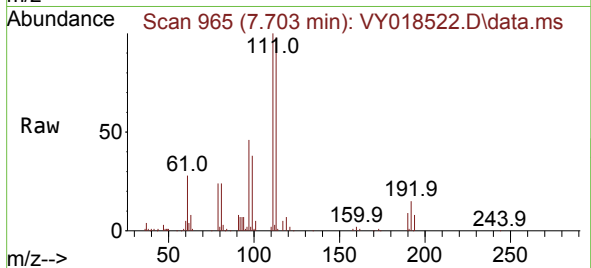
88 14.9 0.0 27.2



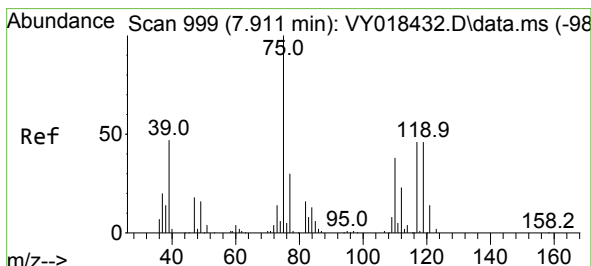
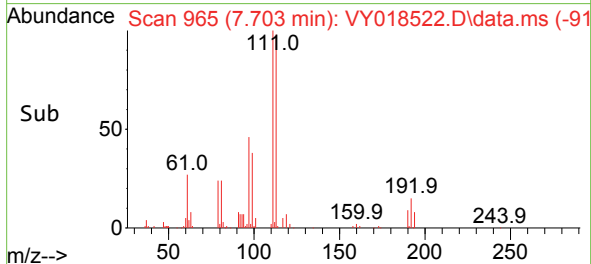
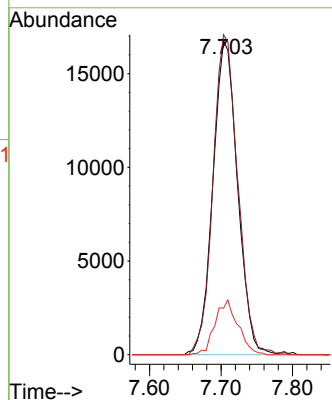


#35  
Dibromofluoromethane  
Concen: 43.592 ug/l  
RT: 7.703 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Instrument :  
MSVOA\_Y  
ClientSampleId :

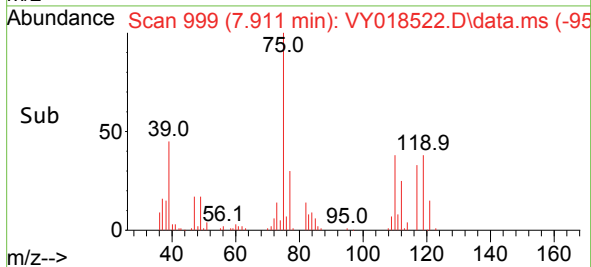
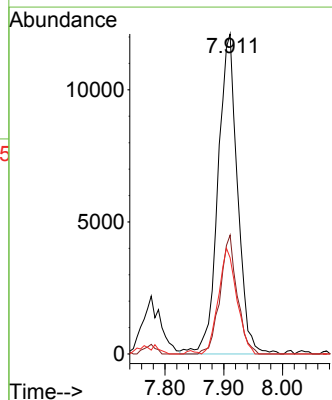
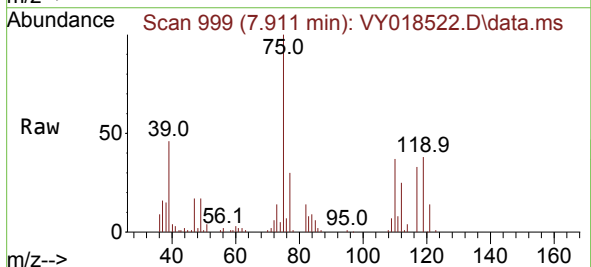


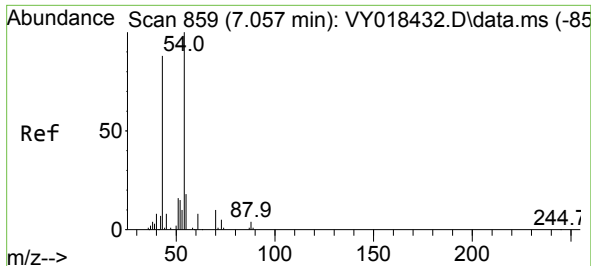
Tgt Ion:113 Resp: 40123  
Ion Ratio Lower Upper  
113 100  
111 102.7 82.2 123.4  
192 16.3 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 19.940 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Tgt Ion: 75 Resp: 27984  
Ion Ratio Lower Upper  
75 100  
110 32.6 19.0 57.0  
77 31.0 25.3 37.9





#37

Ethyl Acetate

Concen: 18.920 ug/l

RT: 7.057 min Scan# 859

Delta R.T. -0.000 min

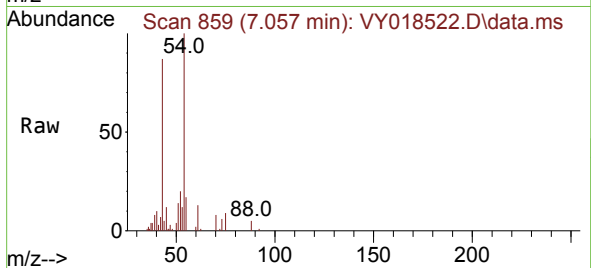
Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

Instrument :

MSVOA\_Y

ClientSampleId :



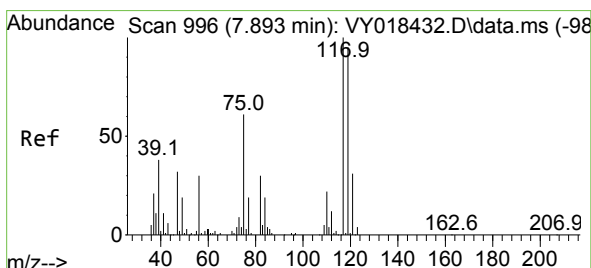
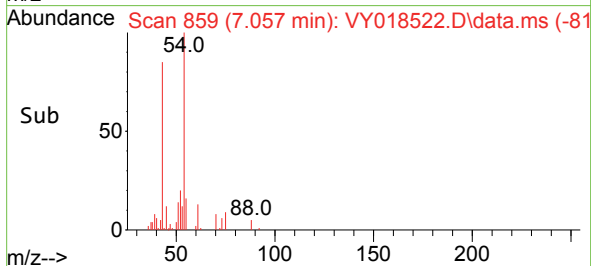
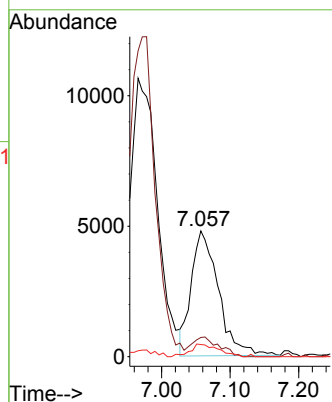
Tgt Ion: 43 Resp: 13265

Ion Ratio Lower Upper

43 100

61 15.6 12.6 19.0

70 10.4 7.8 11.8



#38

Carbon Tetrachloride

Concen: 17.946 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

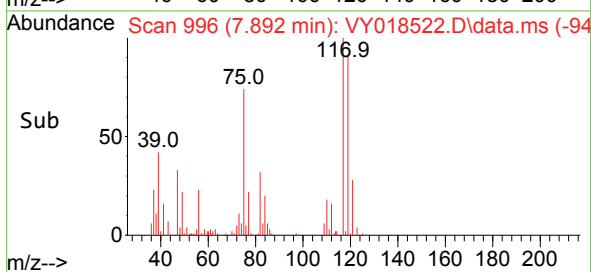
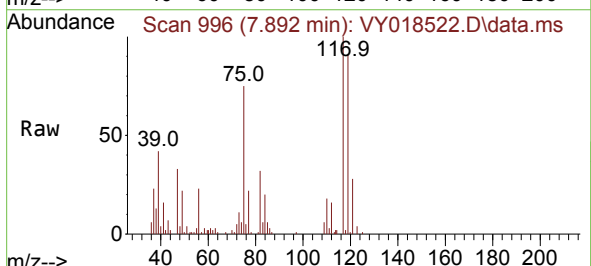
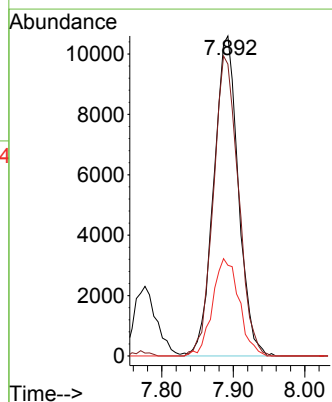
Tgt Ion: 117 Resp: 25238

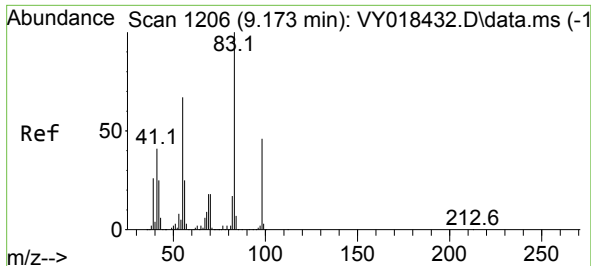
Ion Ratio Lower Upper

117 100

119 91.2 75.8 113.6

121 28.4 24.0 36.0





#39

Methylcyclohexane

Concen: 18.110 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.006 min

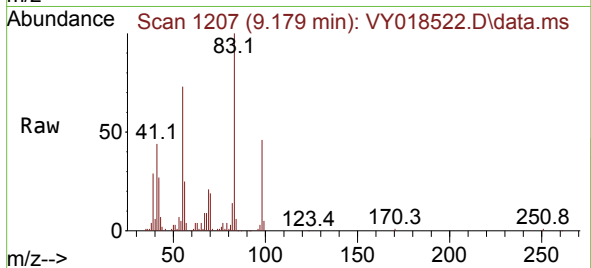
Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

Instrument :

MSVOA\_Y

ClientSampleId :



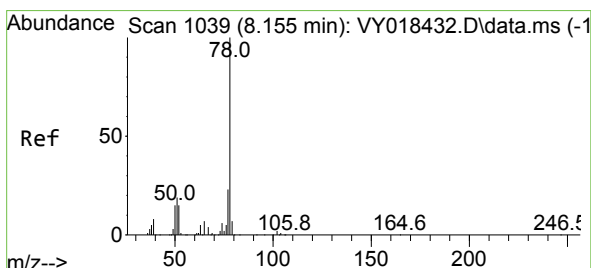
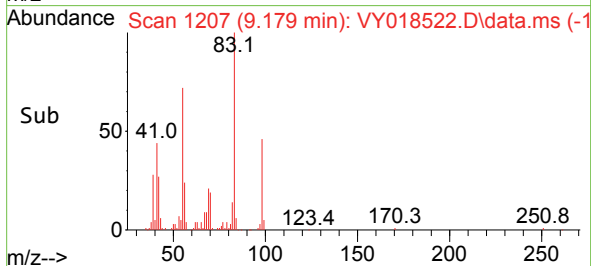
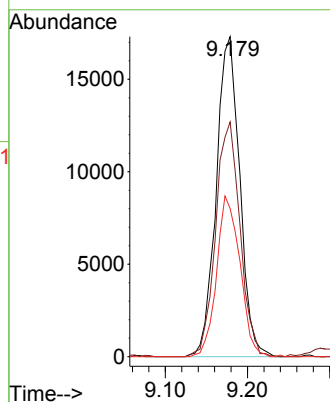
Tgt Ion: 83 Resp: 34358

Ion Ratio Lower Upper

83 100

55 73.4 51.5 77.3

98 46.3 40.5 60.7



#40

Benzene

Concen: 20.480 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY018522.D

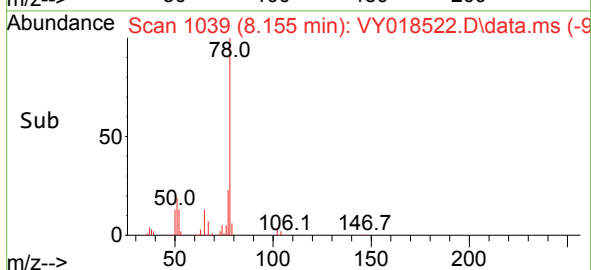
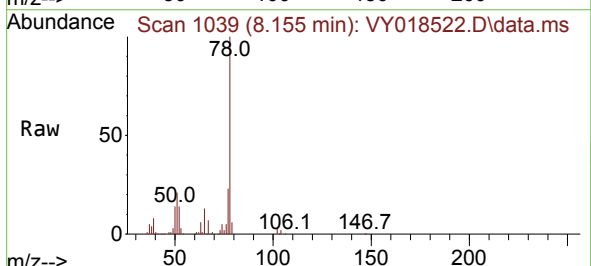
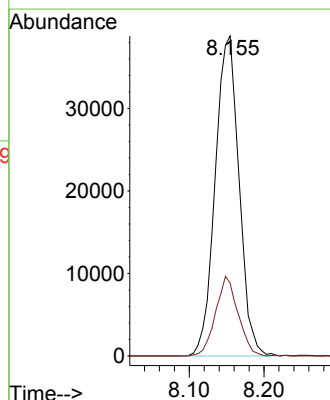
Acq: 07 Jun 2024 12:56

Tgt Ion: 78 Resp: 86119

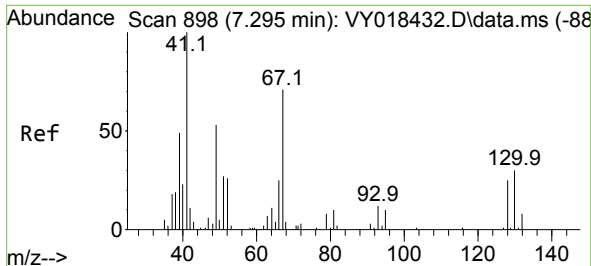
Ion Ratio Lower Upper

78 100

77 22.8 19.5 29.3

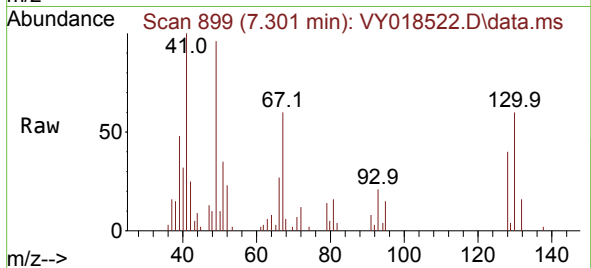




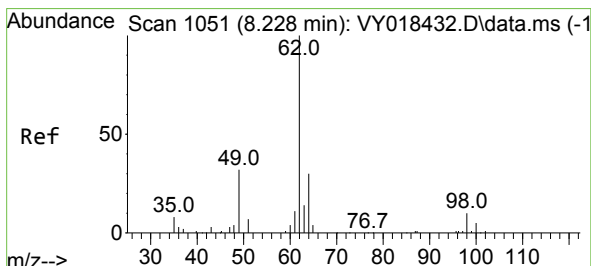
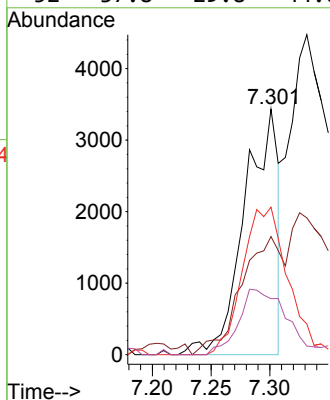
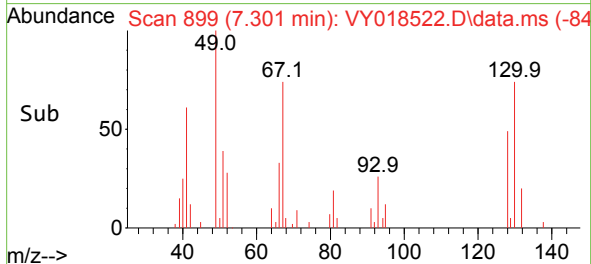


#41  
Methacrylonitrile  
Concen: 20.142 ug/l  
RT: 7.301 min Scan# 899  
Delta R.T. 0.006 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Instrument :  
MSVOA\_Y  
ClientSampleId :

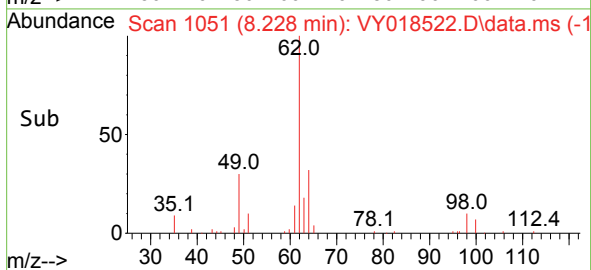
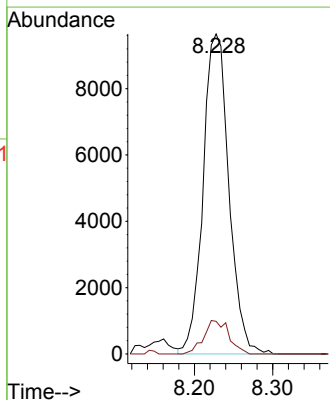
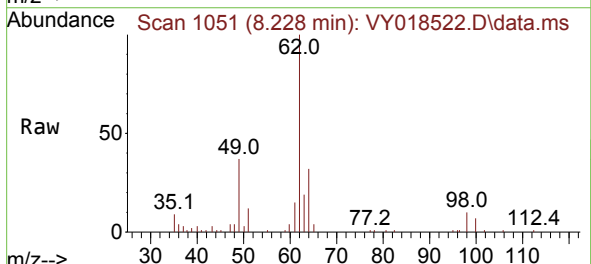


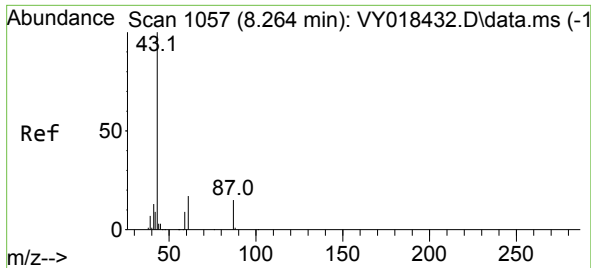
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 6869  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 60.6  | 48.0  | 72.0  |
| 67       | 80.4  | 75.1  | 112.7 |
| 52       | 37.8  | 29.8  | 44.6  |



#42  
1,2-Dichloroethane  
Concen: 21.611 ug/l  
RT: 8.228 min Scan# 1051  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 22093 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.2  | 0.0   | 22.0  |

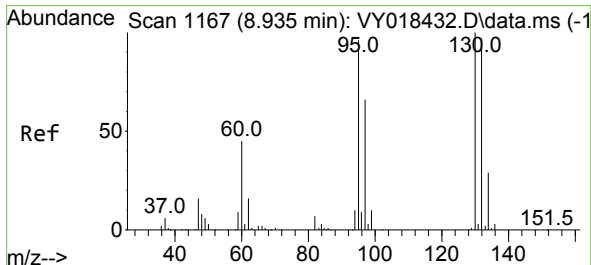
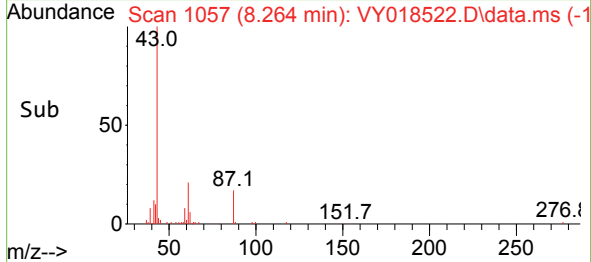
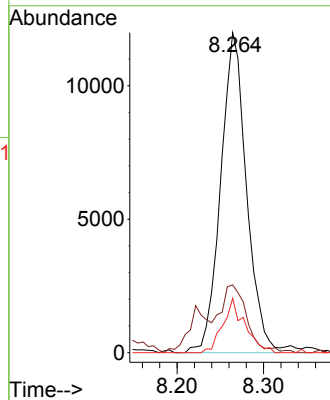
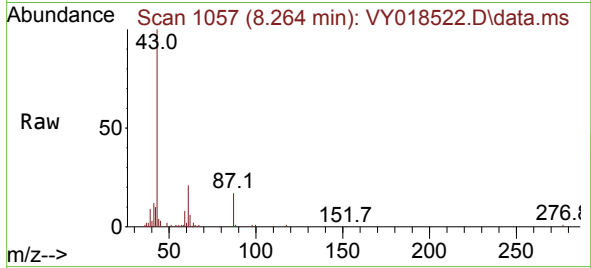




#43  
Isopropyl Acetate  
Concen: 18.934 ug/l  
RT: 8.264 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

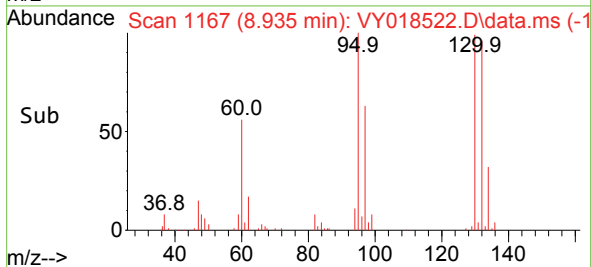
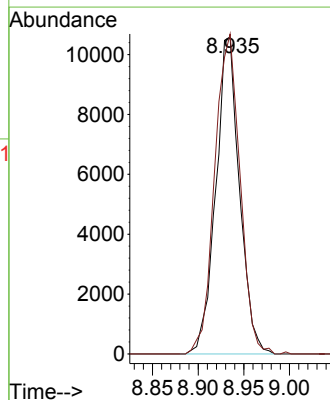
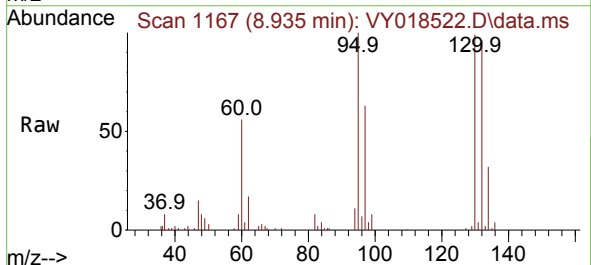
Instrument :  
MSVOA\_Y  
ClientSampleId :

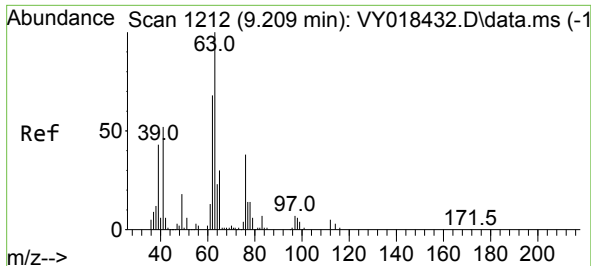
Tgt Ion: 43 Resp: 24821  
Ion Ratio Lower Upper  
43 100  
61 21.8 27.9 41.9#  
87 14.5 13.1 19.7



#44  
Trichloroethene  
Concen: 18.336 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Tgt Ion:130 Resp: 19107  
Ion Ratio Lower Upper  
130 100  
95 101.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.367 ug/l

RT: 9.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

Instrument :

MSVOA\_Y

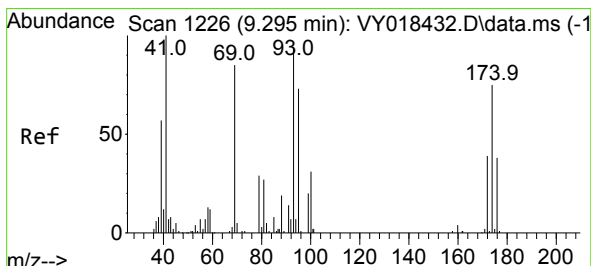
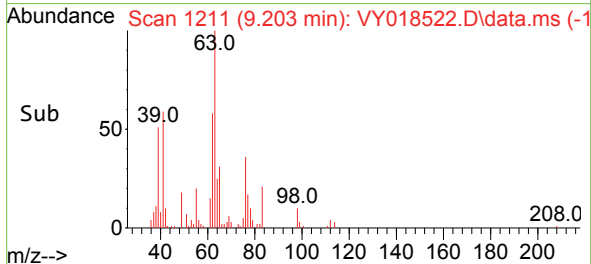
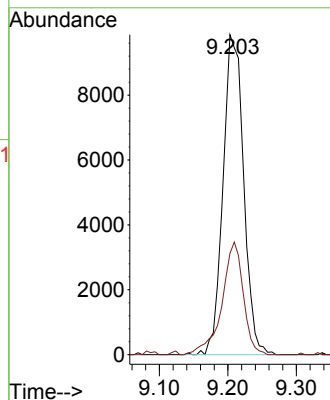
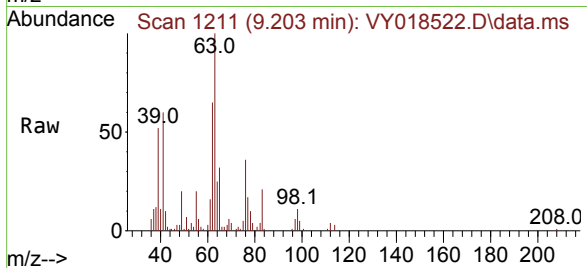
ClientSampleId :

Tgt Ion: 63 Resp: 20548

Ion Ratio Lower Upper

63 100

65 31.7 25.4 38.2



#46

Dibromomethane

Concen: 19.708 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

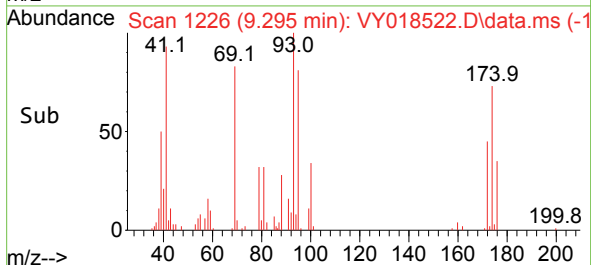
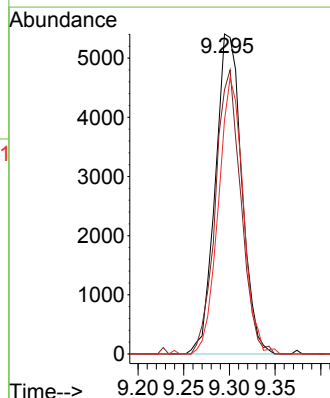
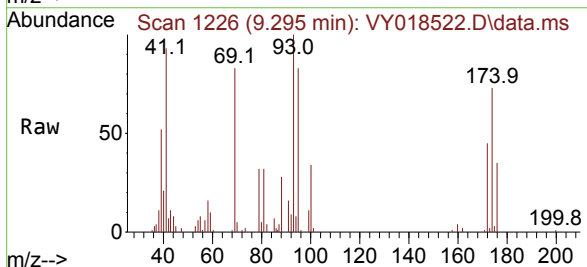
Tgt Ion: 93 Resp: 10866

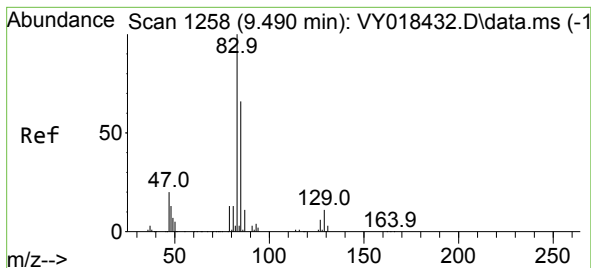
Ion Ratio Lower Upper

93 100

95 85.6 66.2 99.4

174 81.2 80.9 121.3





#47

Bromodichloromethane

Concen: 20.150 ug/l

RT: 9.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

Instrument :

MSVOA\_Y

ClientSampleId :

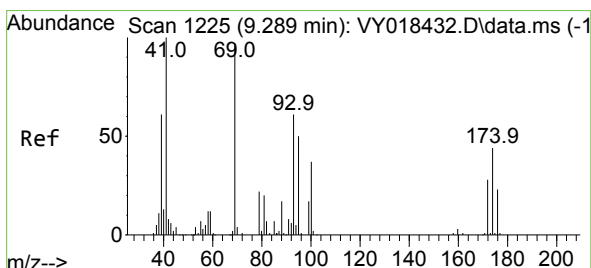
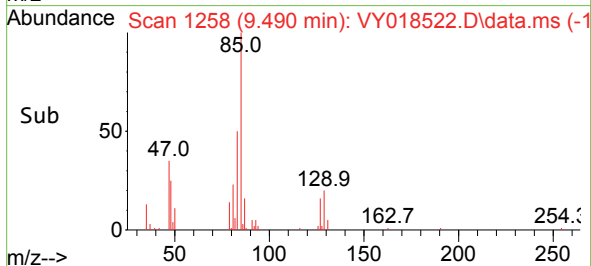
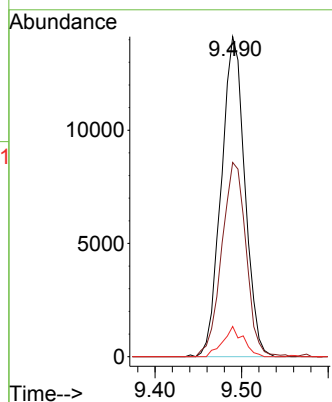
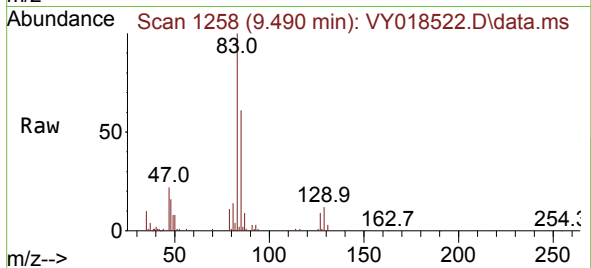
Tgt Ion: 83 Resp: 26668

Ion Ratio Lower Upper

83 100

85 60.7 50.1 75.1

127 9.5 7.4 11.0



#48

Methyl methacrylate

Concen: 18.898 ug/l

RT: 9.288 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

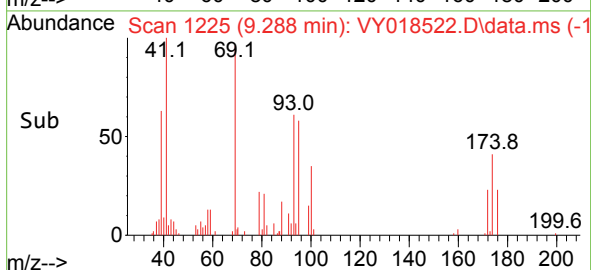
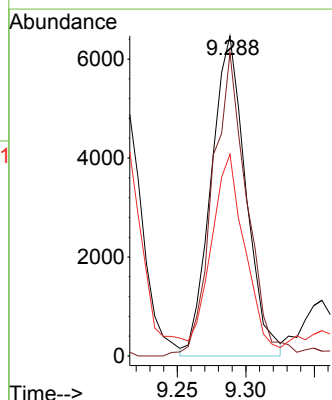
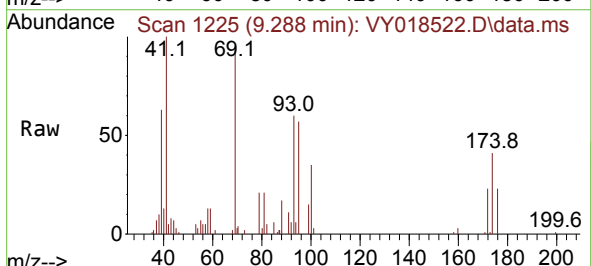
Tgt Ion: 41 Resp: 11398

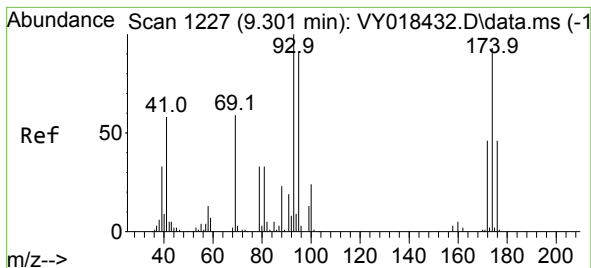
Ion Ratio Lower Upper

41 100

69 93.6 84.1 126.1

39 55.9 43.6 65.4





#49

1,4-Dioxane

Concen: 409.921 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

Instrument :

MSVOA\_Y

ClientSampleId :

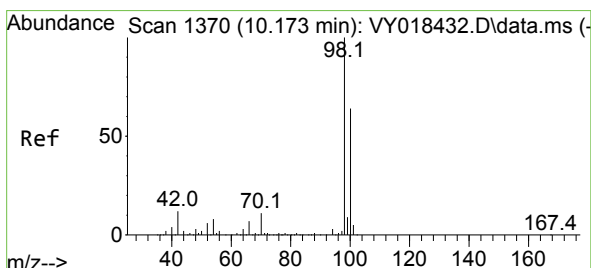
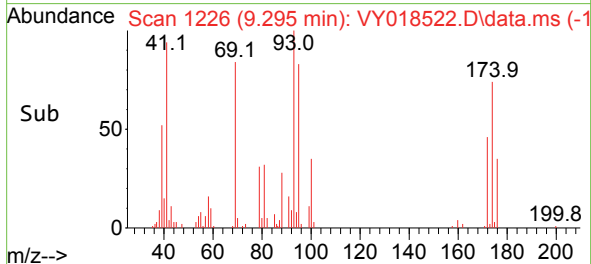
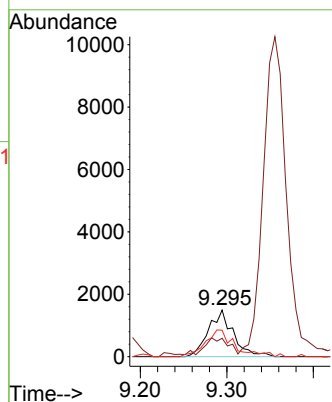
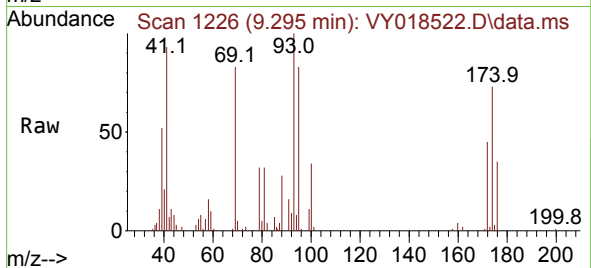
Tgt Ion: 88 Resp: 2968

Ion Ratio Lower Upper

88 100

43 35.3 0.0 0.0#

58 68.6 49.3 73.9



#50

Toluene-d8

Concen: 42.140 ug/l

RT: 10.172 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018522.D

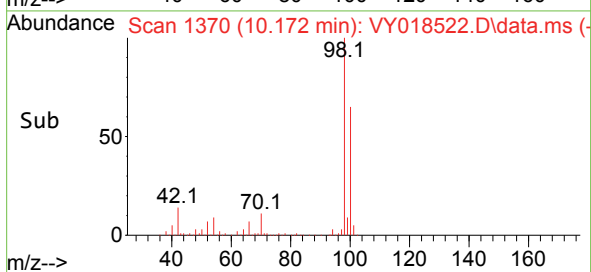
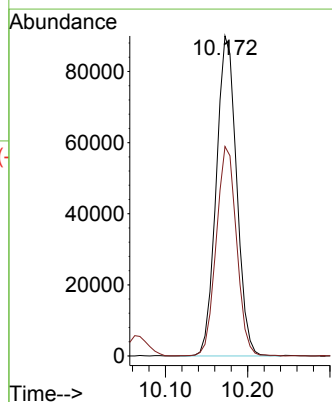
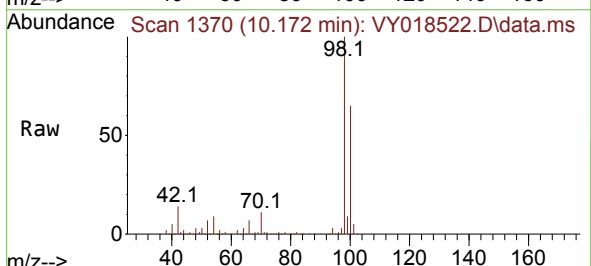
Acq: 07 Jun 2024 12:56

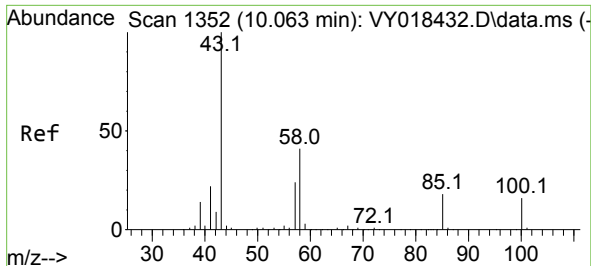
Tgt Ion: 98 Resp: 154302

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0

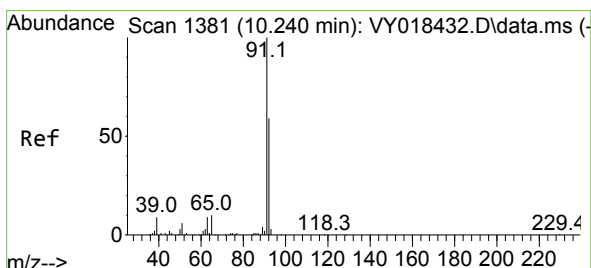
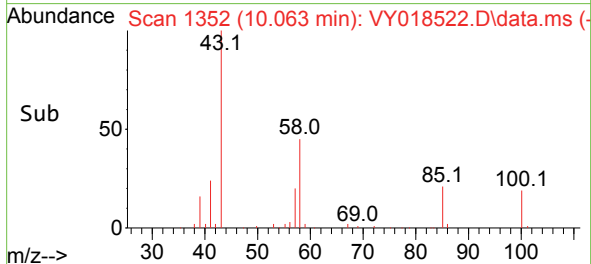
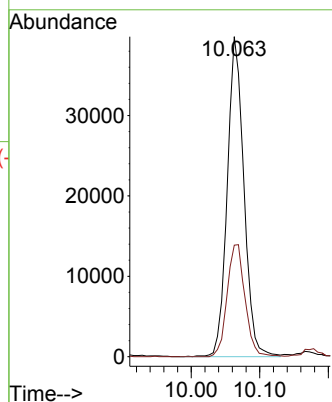
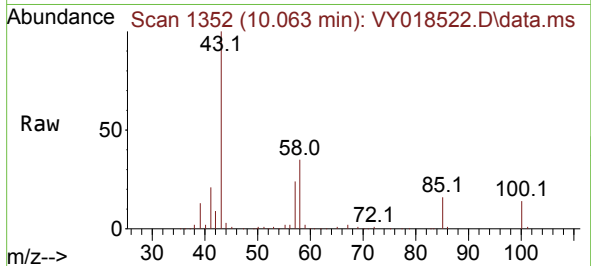




#51  
4-Methyl-2-Pentanone  
Concen: 98.649 ug/l  
RT: 10.063 min Scan# 1352  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

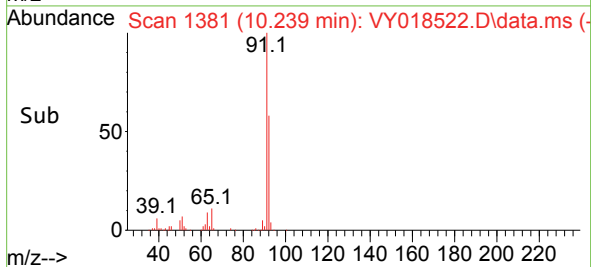
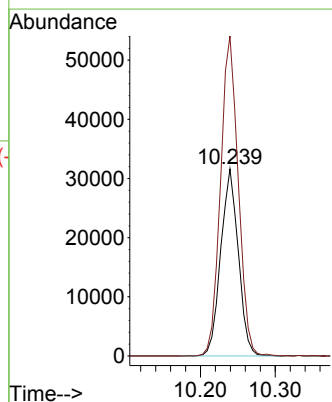
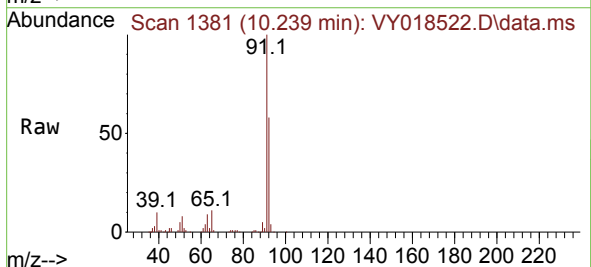
Instrument :  
MSVOA\_Y  
ClientSampleId :

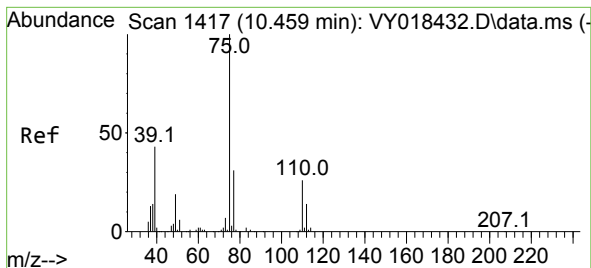
Tgt Ion: 43 Resp: 67152  
Ion Ratio Lower Upper  
43 100  
58 37.7 35.7 53.5



#52  
Toluene  
Concen: 20.007 ug/l  
RT: 10.239 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Tgt Ion: 92 Resp: 51743  
Ion Ratio Lower Upper  
92 100  
91 172.8 139.0 208.6

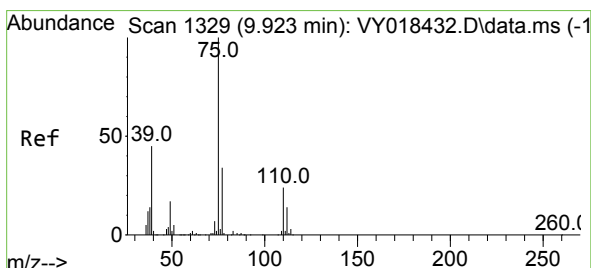
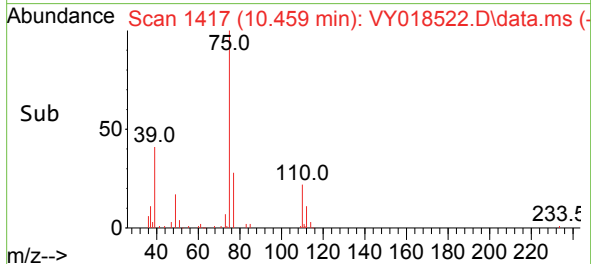
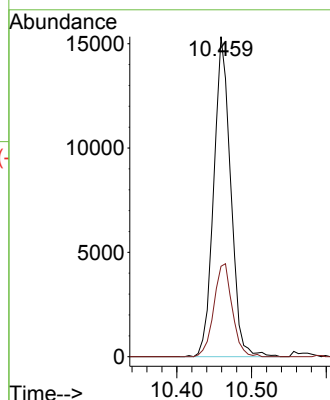
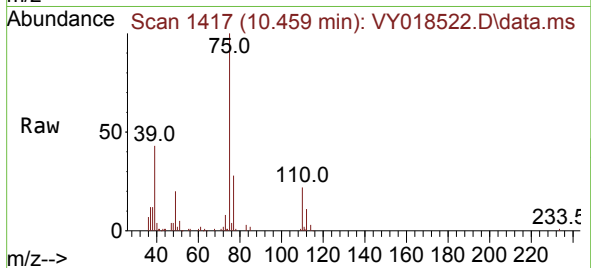




#53  
 t-1,3-Dichloropropene  
 Concen: 19.958 ug/l  
 RT: 10.459 min Scan# 1417  
 Delta R.T. -0.000 min  
 Lab File: VY018522.D  
 Acq: 07 Jun 2024 12:56

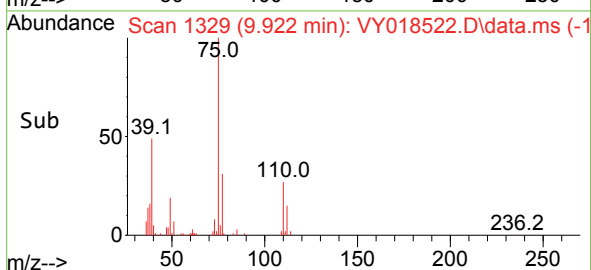
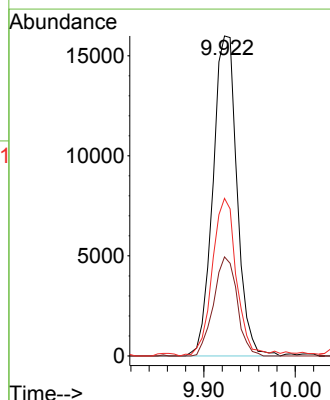
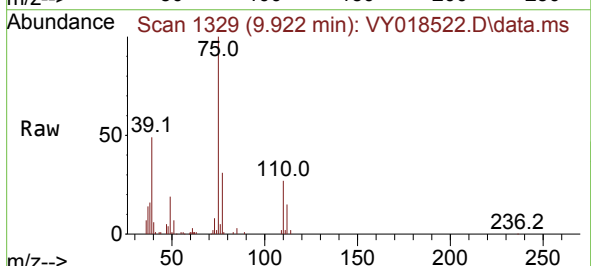
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

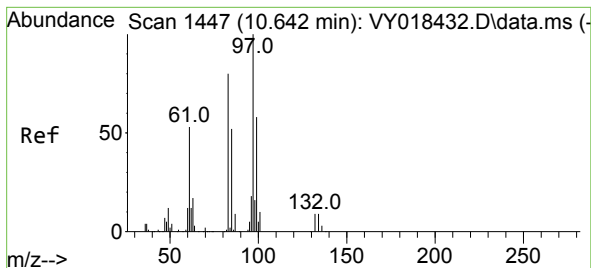
Tgt Ion: 75 Resp: 24257  
 Ion Ratio Lower Upper  
 75 100  
 77 28.3 24.1 36.1



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.527 ug/l  
 RT: 9.922 min Scan# 1329  
 Delta R.T. -0.000 min  
 Lab File: VY018522.D  
 Acq: 07 Jun 2024 12:56

Tgt Ion: 75 Resp: 29222  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 25.4 38.0  
 39 49.3 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 20.160 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

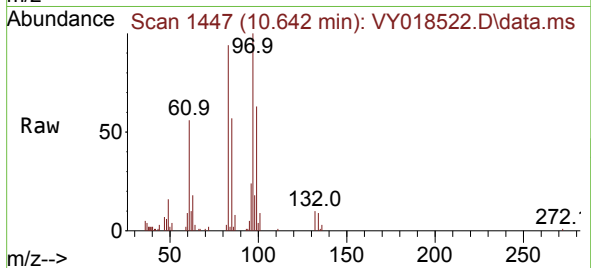
Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

Instrument :

MSVOA\_Y

ClientSampleId :



Tgt Ion: 97 Resp: 14461

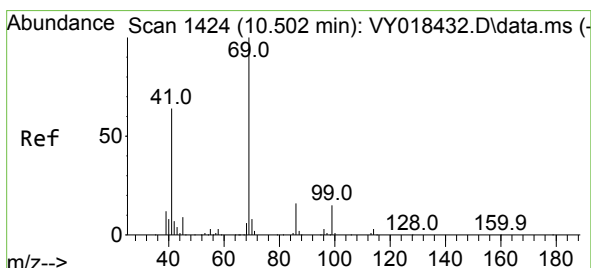
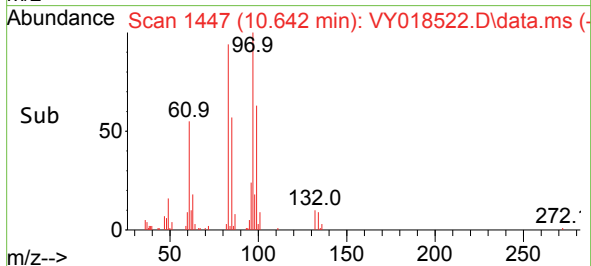
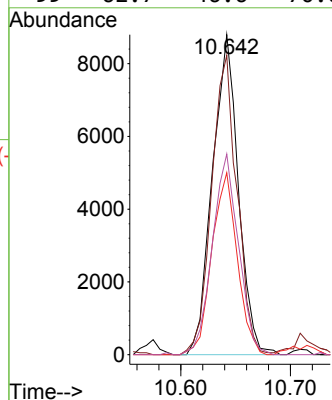
Ion Ratio Lower Upper

97 100

83 93.6 67.5 101.3

85 56.8 42.9 64.3

99 62.7 46.6 70.0



#56

Ethyl methacrylate

Concen: 19.963 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.006 min

Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

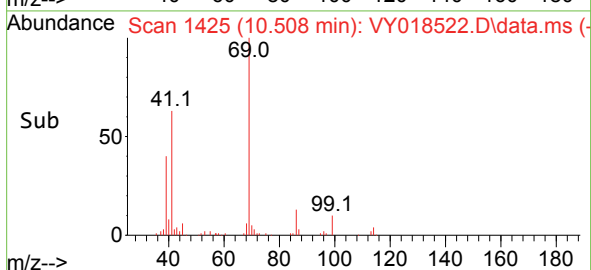
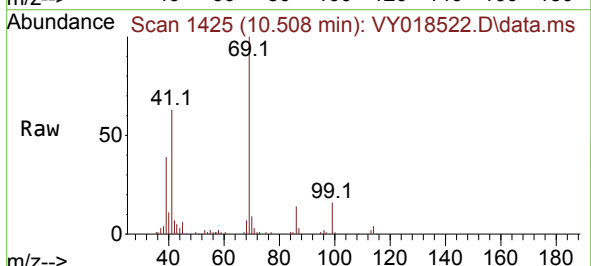
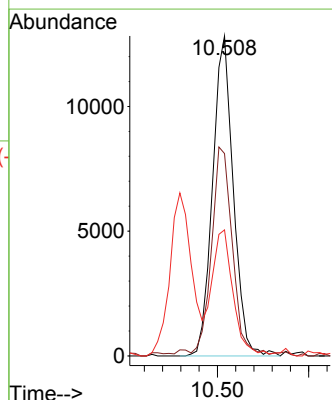
Tgt Ion: 69 Resp: 20151

Ion Ratio Lower Upper

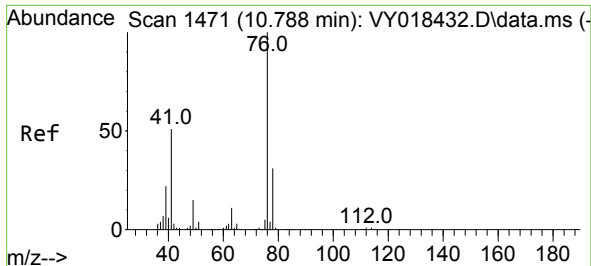
69 100

41 64.1 42.3 63.5#

39 40.6 22.9 34.3#







#57

1,3-Dichloropropane

Concen: 20.507 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

Instrument :

MSVOA\_Y

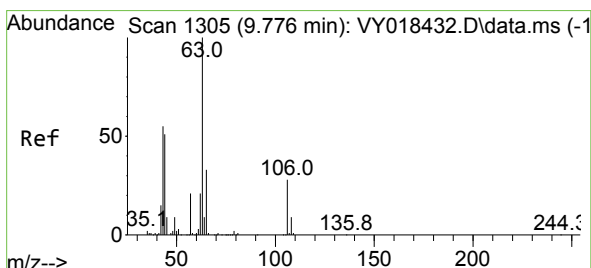
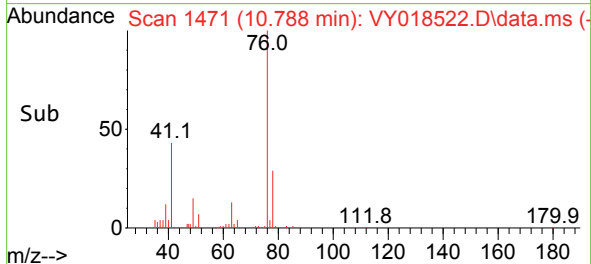
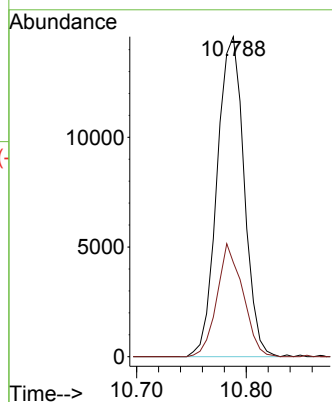
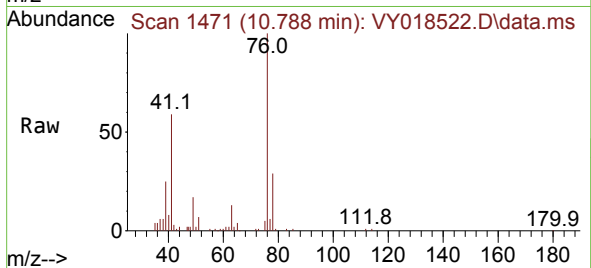
ClientSampleId :

Tgt Ion: 76 Resp: 24973

Ion Ratio Lower Upper

76 100

78 33.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 91.554 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY018522.D

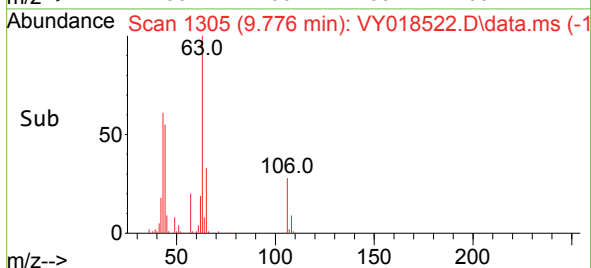
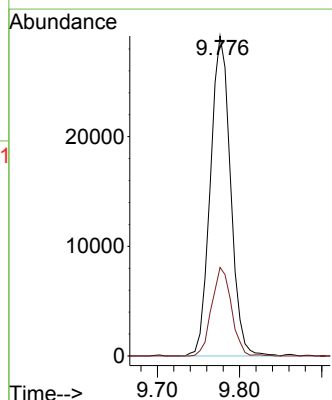
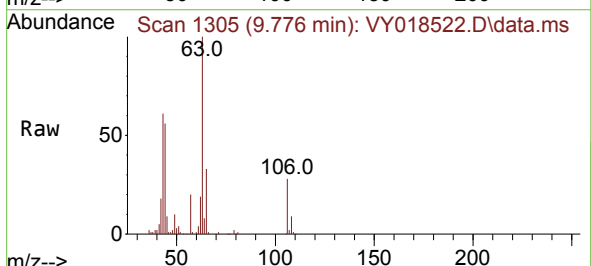
Acq: 07 Jun 2024 12:56

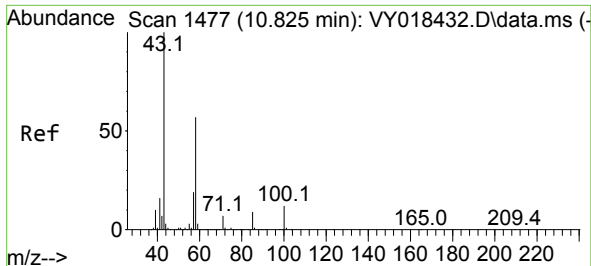
Tgt Ion: 63 Resp: 49628

Ion Ratio Lower Upper

63 100

106 27.2 23.7 35.5

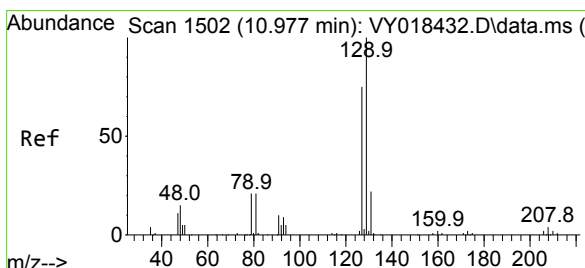
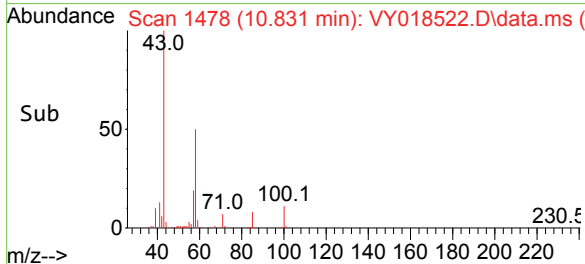
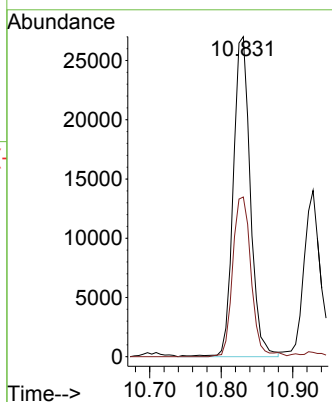
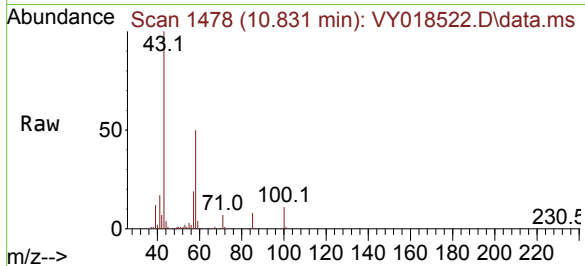




#59  
2-Hexanone  
Concen: 95.108 ug/l  
RT: 10.831 min Scan# 1477  
Delta R.T. 0.006 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

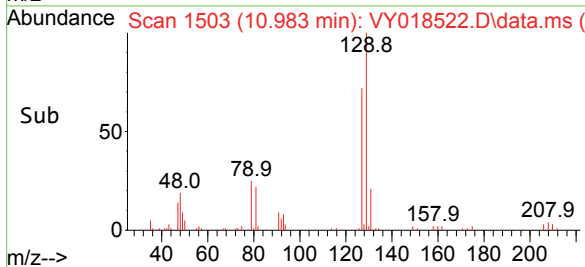
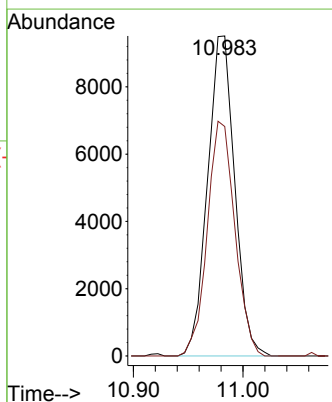
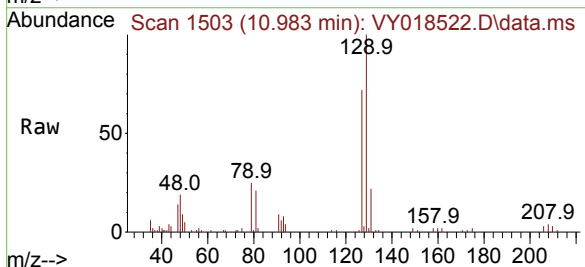
Instrument :  
MSVOA\_Y  
ClientSampleId :

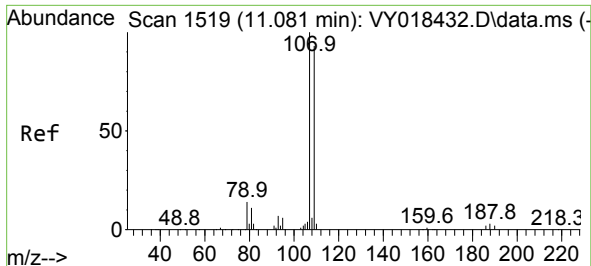
Tgt Ion: 43 Resp: 44739  
Ion Ratio Lower Upper  
43 100  
58 53.7 31.4 94.0



#60  
Dibromochloromethane  
Concen: 18.702 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. 0.006 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Tgt Ion:129 Resp: 16390  
Ion Ratio Lower Upper  
129 100  
127 74.6 39.0 117.0

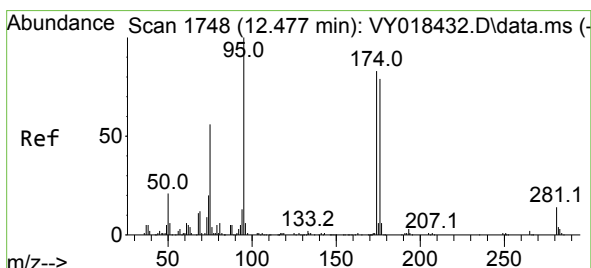
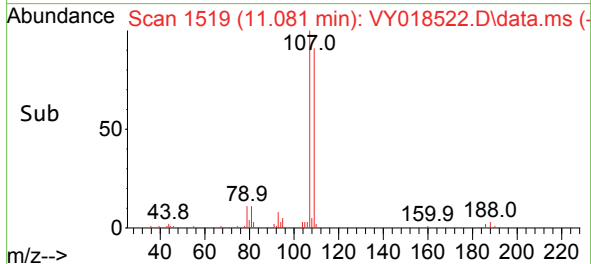
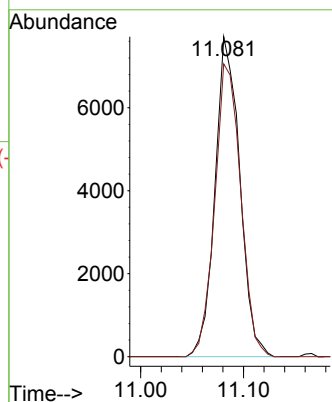
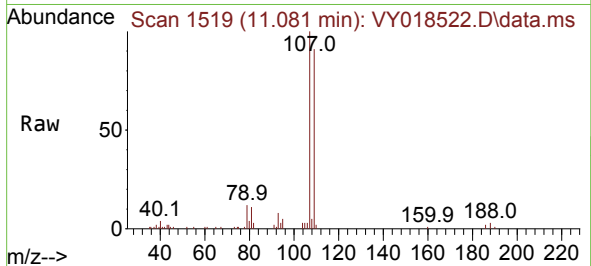




#61  
1,2-Dibromoethane  
Concen: 19.069 ug/l  
RT: 11.081 min Scan# 1519  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

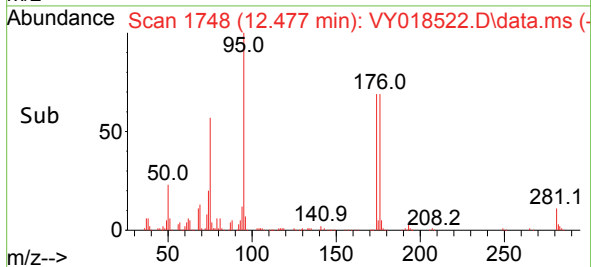
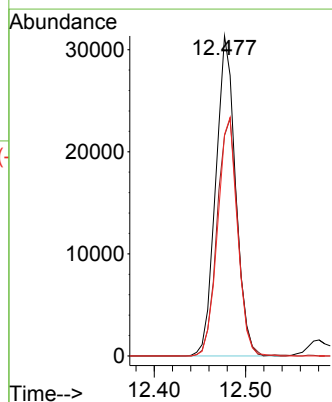
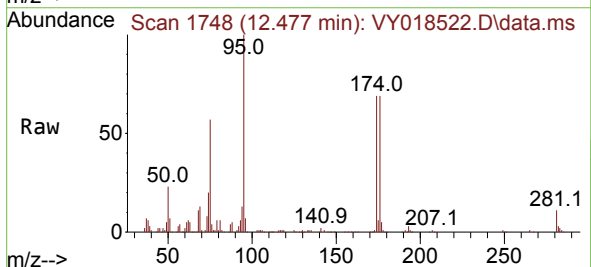
Instrument :  
MSVOA\_Y  
ClientSampleId :

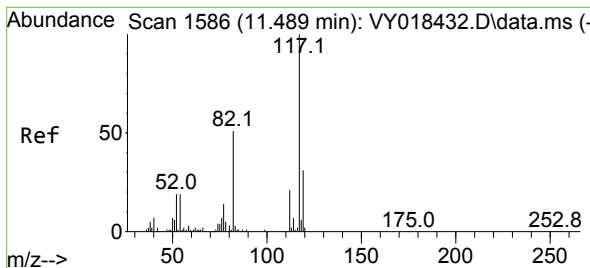
Tgt Ion:107 Resp: 12881  
Ion Ratio Lower Upper  
107 100  
109 96.0 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 41.416 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

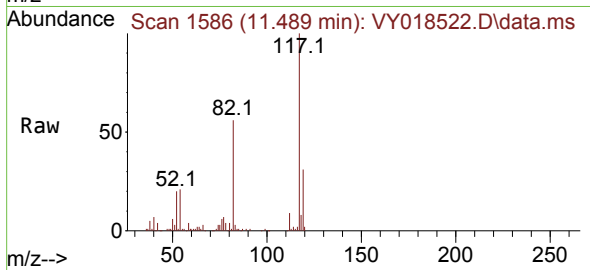
Tgt Ion: 95 Resp: 47217  
Ion Ratio Lower Upper  
95 100  
174 77.4 0.0 175.6  
176 74.5 0.0 171.4



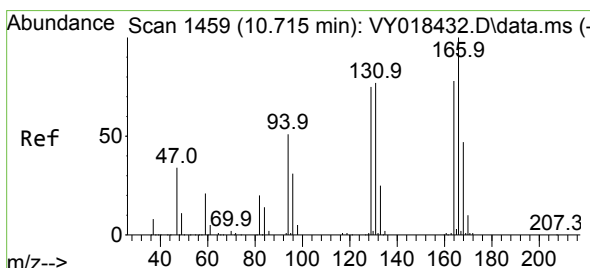
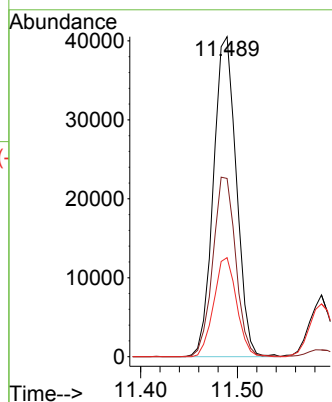
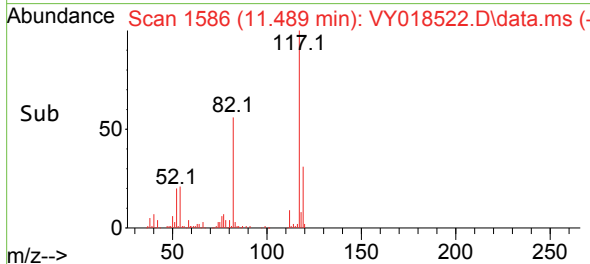


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

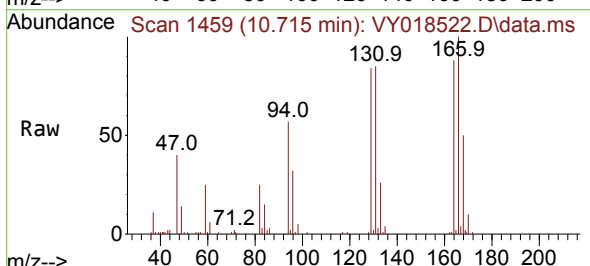
Instrument :  
MSVOA\_Y  
ClientSampleId :



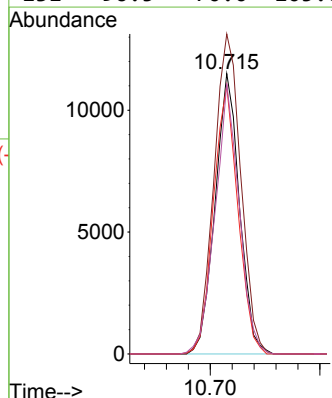
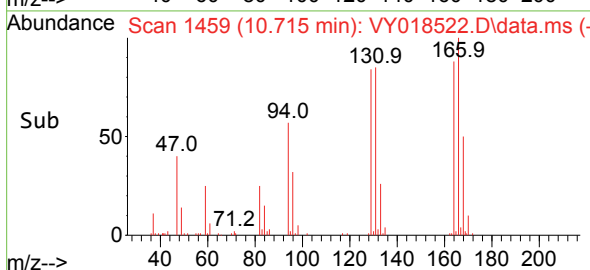
Tgt Ion:117 Resp: 66640  
Ion Ratio Lower Upper  
117 100  
82 55.7 42.4 63.6  
119 30.9 25.9 38.9

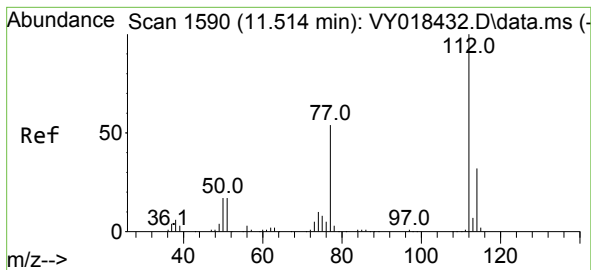


#64  
Tetrachloroethene  
Concen: 18.108 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56



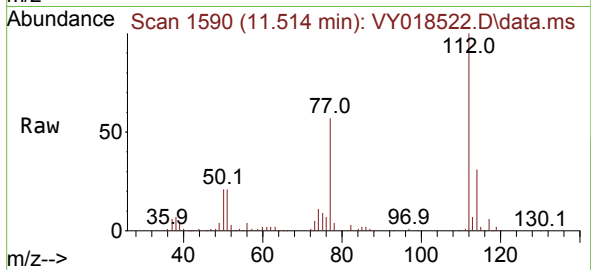
Tgt Ion:164 Resp: 17775  
Ion Ratio Lower Upper  
164 100  
166 114.1 102.6 154.0  
129 95.8 72.0 108.0  
131 96.5 70.0 105.0



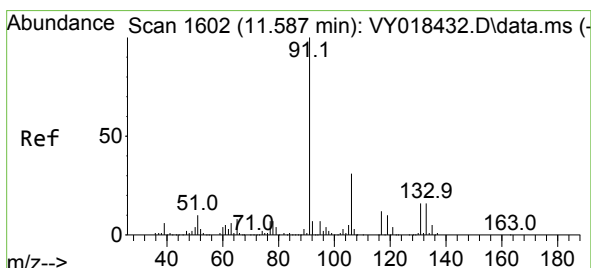
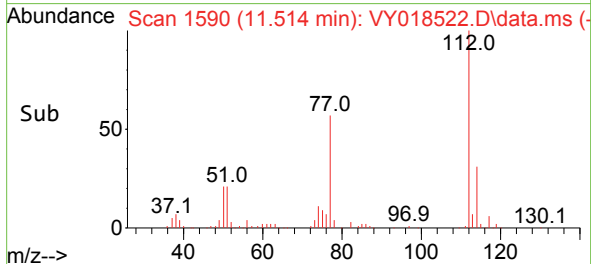
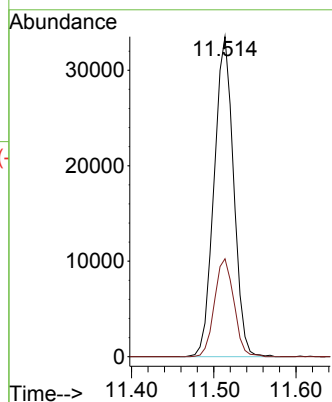


#65  
Chlorobenzene  
Concen: 19.322 ug/l  
RT: 11.514 min Scan# 111  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Instrument :  
MSVOA\_Y  
ClientSampleId :

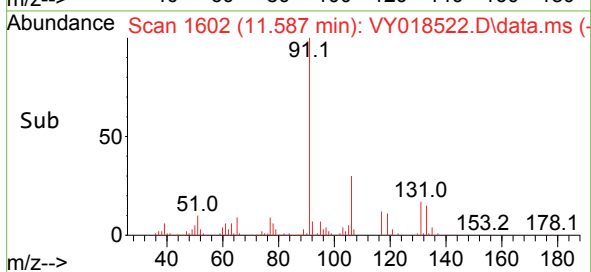
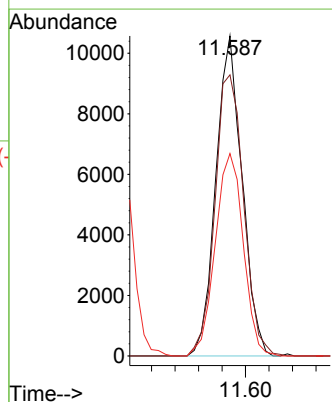
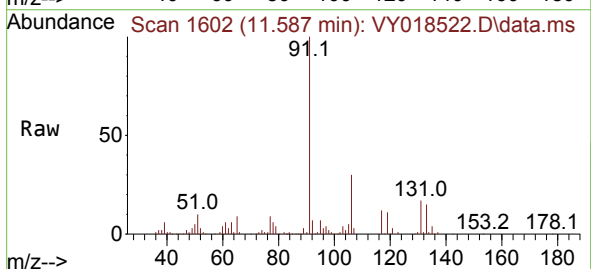


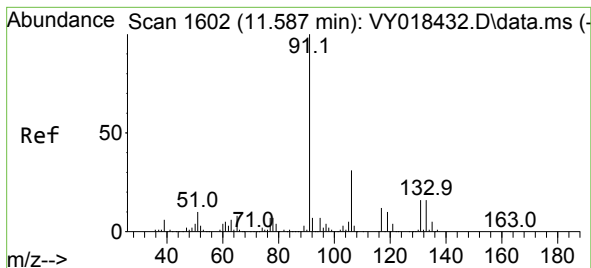
Tgt Ion:112 Resp: 55220  
Ion Ratio Lower Upper  
112 100  
114 30.6 26.4 39.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 17.762 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Tgt Ion:131 Resp: 16413  
Ion Ratio Lower Upper  
131 100  
133 95.9 47.8 143.3  
119 67.5 34.1 102.2

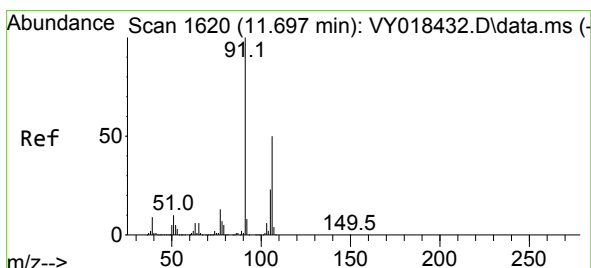
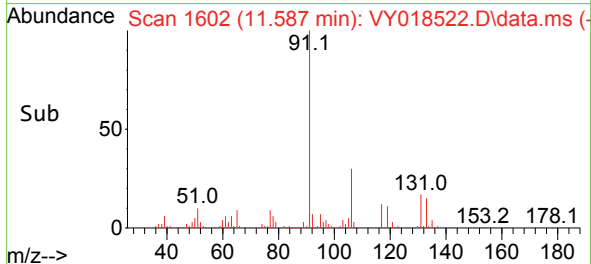
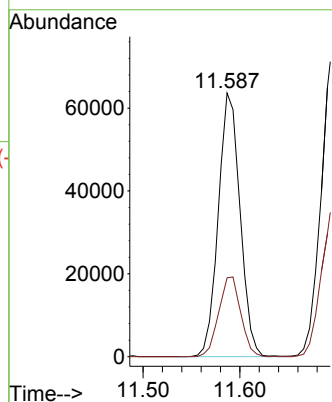
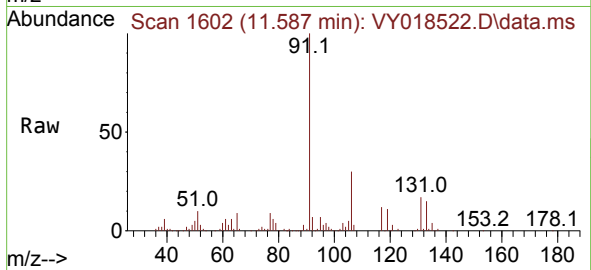




#67  
Ethyl Benzene  
Concen: 19.100 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

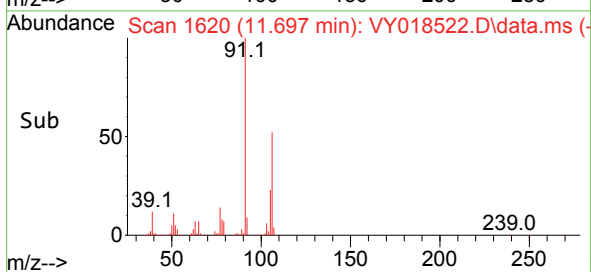
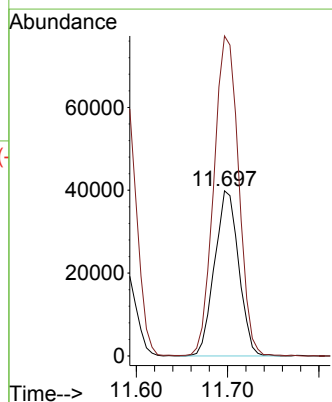
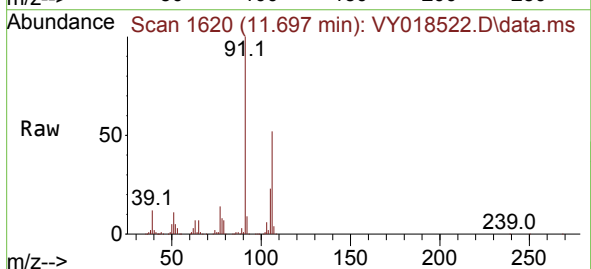
Instrument :  
MSVOA\_Y  
ClientSampleId :

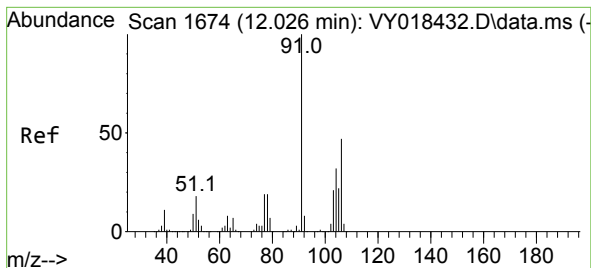
Tgt Ion: 91 Resp: 99349  
Ion Ratio Lower Upper  
91 100  
106 29.9 24.5 36.7



#68  
m/p-Xylenes  
Concen: 37.413 ug/l  
RT: 11.697 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Tgt Ion:106 Resp: 73279  
Ion Ratio Lower Upper  
106 100  
91 199.2 156.0 234.0





#69

o-Xylene

Concen: 18.533 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

Instrument :

MSVOA\_Y

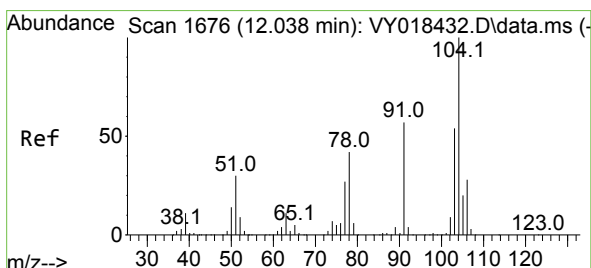
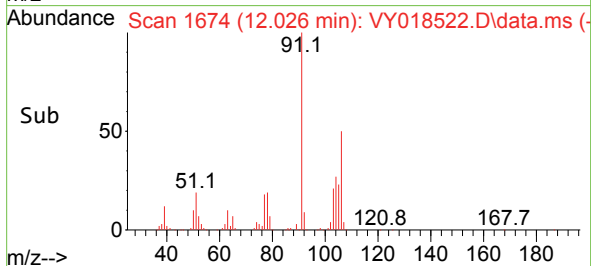
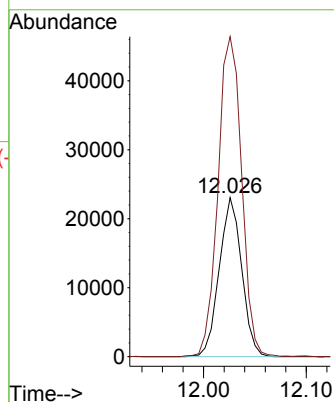
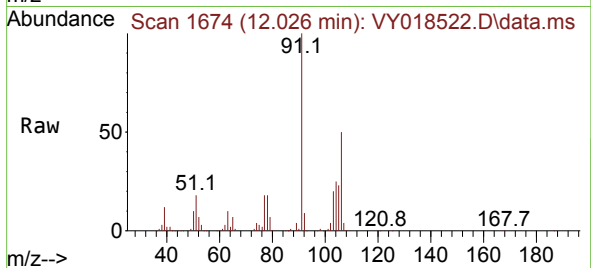
ClientSampleId :

Tgt Ion:106 Resp: 34944

Ion Ratio Lower Upper

106 100

91 212.2 103.6 310.8



#70

Styrene

Concen: 18.639 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

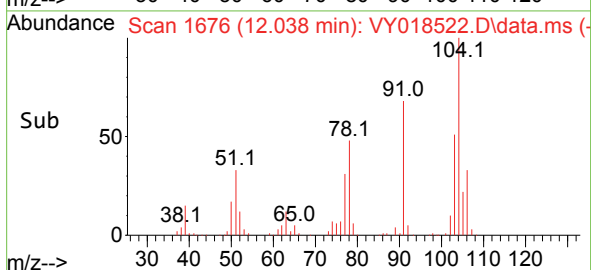
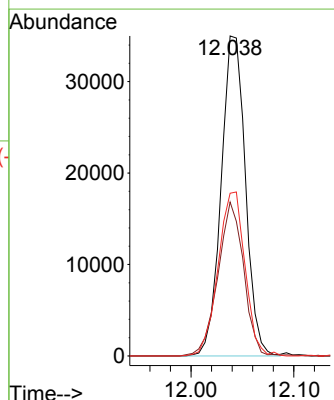
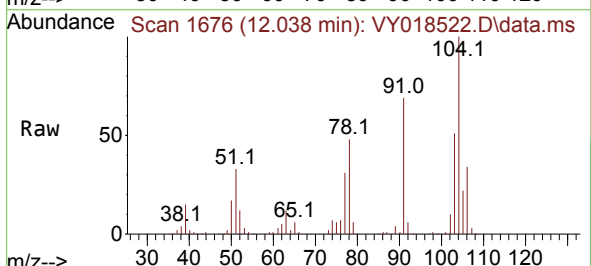
Tgt Ion:104 Resp: 57419

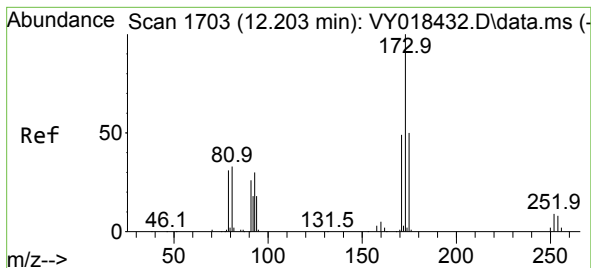
Ion Ratio Lower Upper

104 100

78 51.0 37.0 55.4

103 56.7 44.2 66.2





#71

Bromoform

Concen: 15.145 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY018522.D

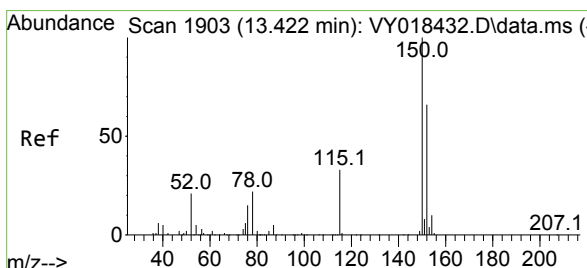
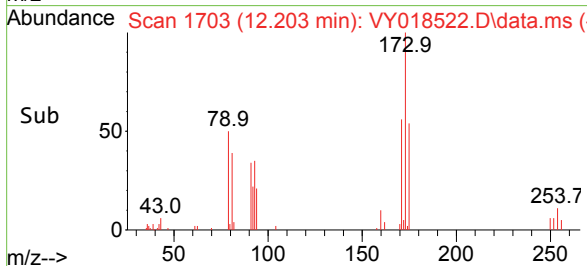
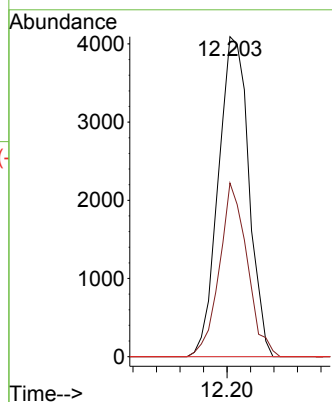
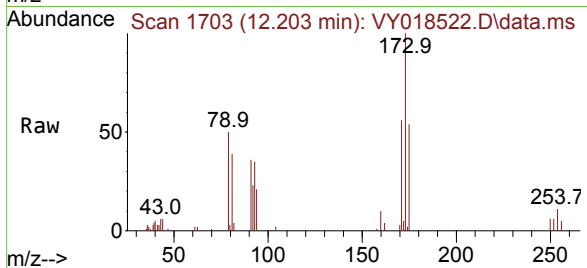
Acq: 07 Jun 2024 12:56

Instrument :

MSVOA\_Y

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 7373      |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 49.5  | 25.1 75.3 |
| 254         | 0.0   | 0.0 0.0   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

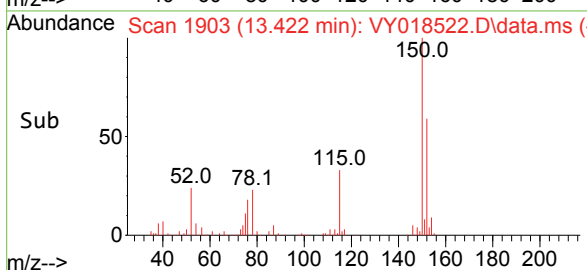
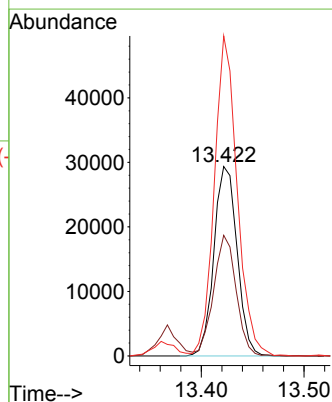
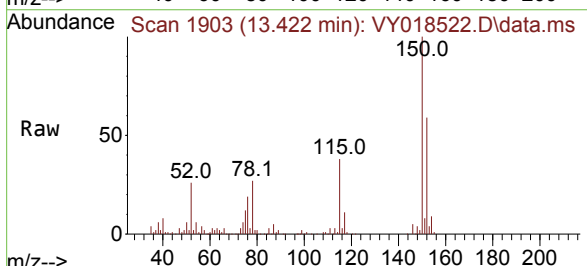
RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

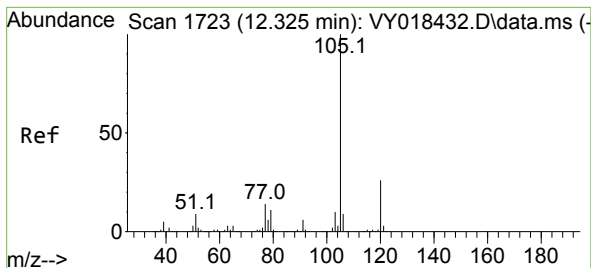
Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 45984     |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 115         | 62.3  | 28.2 84.7 |
| 150         | 166.5 | 0.0 345.6 |







#73

Isopropylbenzene

Concen: 19.133 ug/l

RT: 12.324 min Scan# 1723

Delta R.T. -0.000 min

Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

Instrument :

MSVOA\_Y

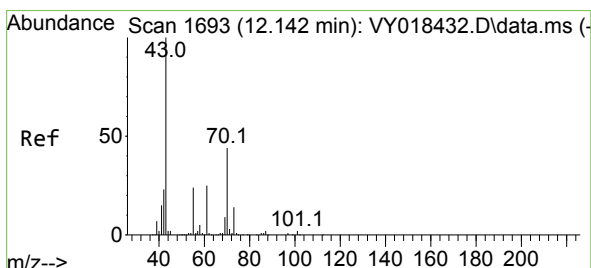
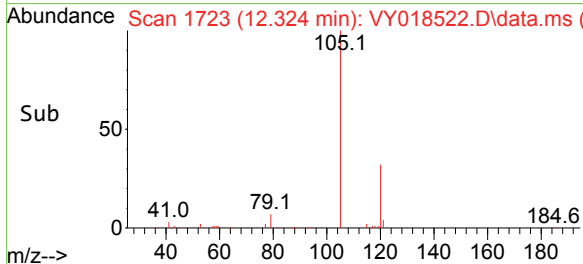
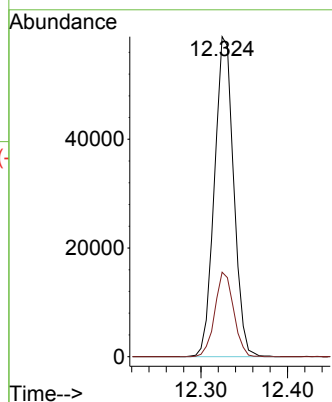
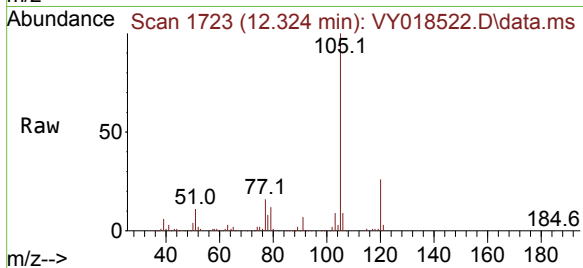
ClientSampleId :

Tgt Ion:105 Resp: 90793

Ion Ratio Lower Upper

105 100

120 25.8 13.4 40.1



#74

N-ethyl acetate

Concen: 19.157 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

Tgt Ion: 43 Resp: 22127

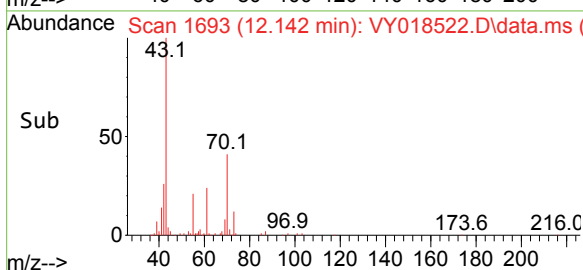
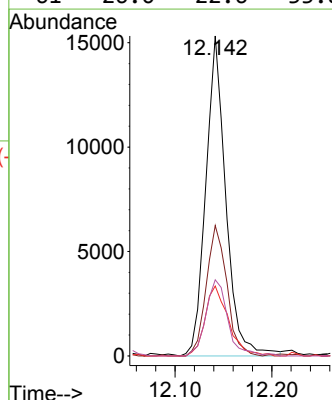
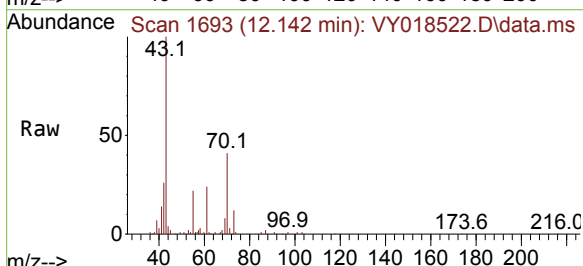
Ion Ratio Lower Upper

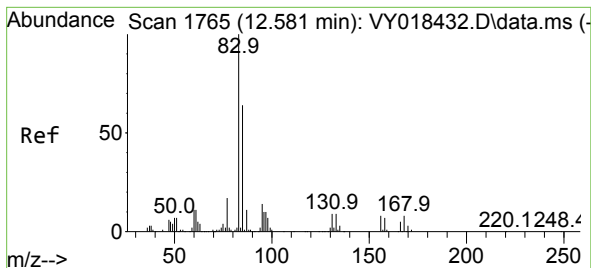
43 100

70 41.7 41.4 62.2

55 25.5 23.3 34.9

61 26.0 22.6 33.8

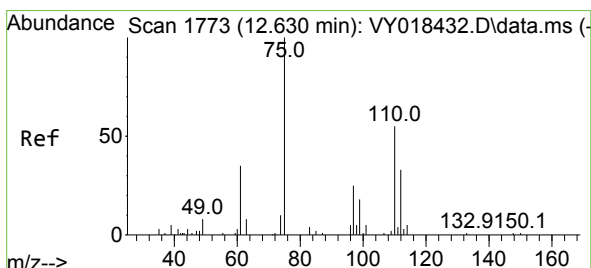
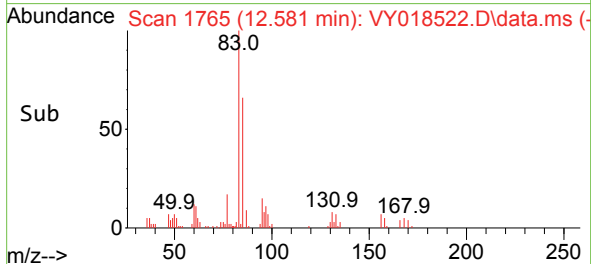
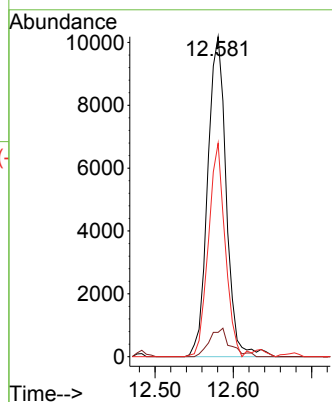
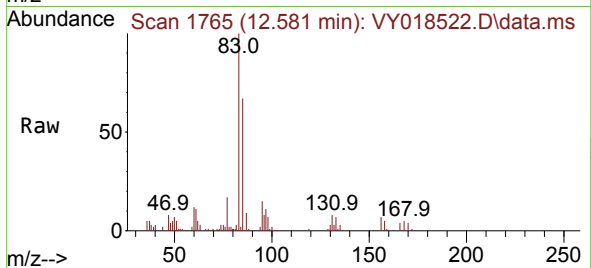




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 20.059 ug/l  
 RT: 12.581 min Scan# 1765  
 Delta R.T. -0.000 min  
 Lab File: VY018522.D  
 Acq: 07 Jun 2024 12:56

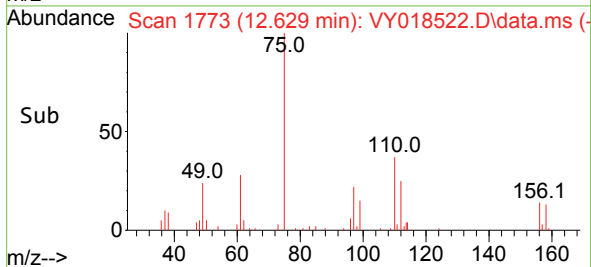
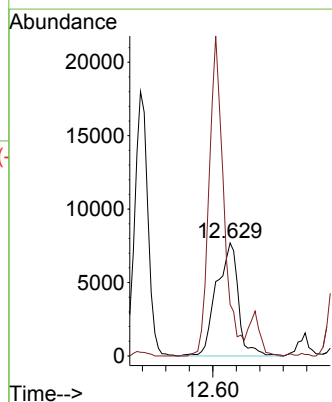
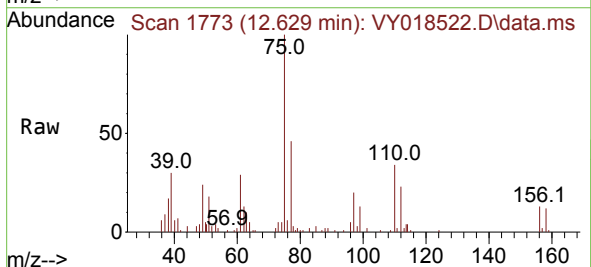
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

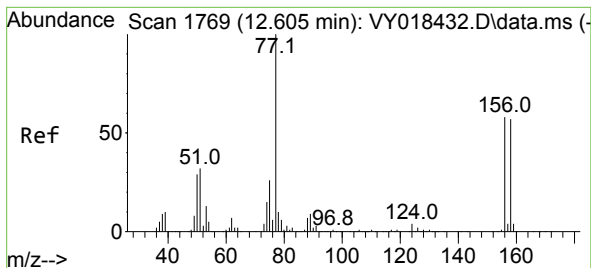
Tgt Ion: 83 Resp: 16756  
 Ion Ratio Lower Upper  
 83 100  
 131 9.9 5.0 14.9  
 85 60.5 32.0 96.0



#76  
 1,2,3-Trichloropropane  
 Concen: 34.831 ug/l  
 RT: 12.629 min Scan# 1773  
 Delta R.T. -0.000 min  
 Lab File: VY018522.D  
 Acq: 07 Jun 2024 12:56

Tgt Ion: 75 Resp: 19861  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.289 ug/l

RT: 12.605 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

Instrument :

MSVOA\_Y

ClientSampleId :

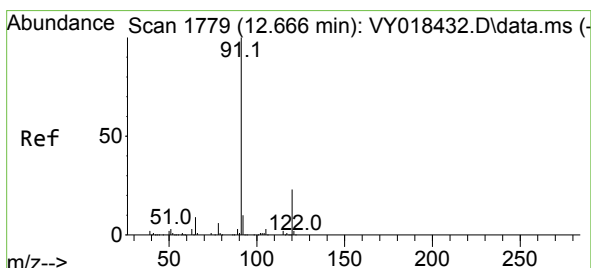
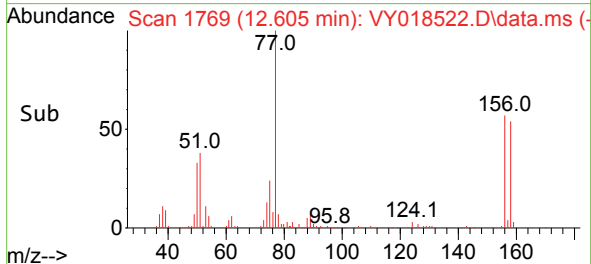
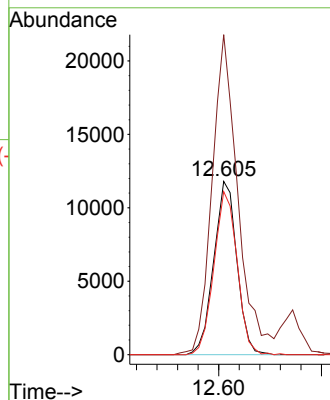
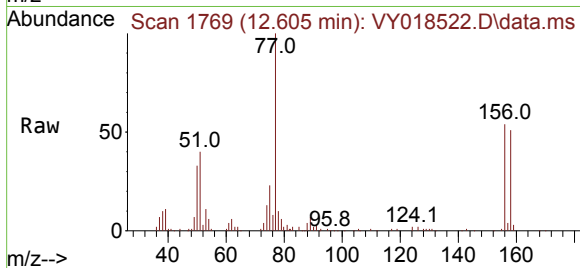
Tgt Ion:156 Resp: 18427

Ion Ratio Lower Upper

156 100

77 206.0 87.1 261.3

158 94.4 48.6 145.9



#78

n-propylbenzene

Concen: 20.154 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY018522.D

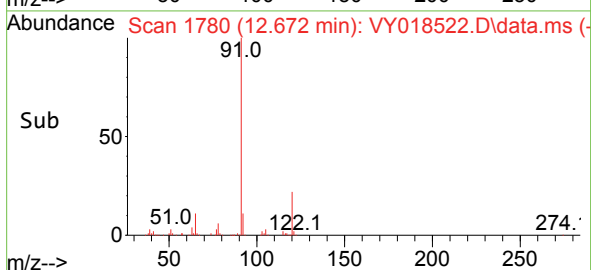
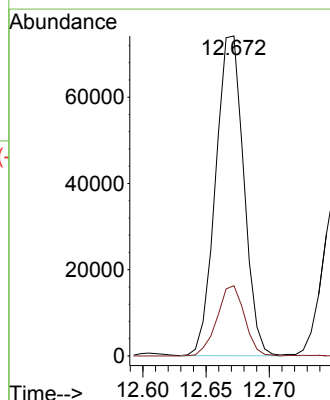
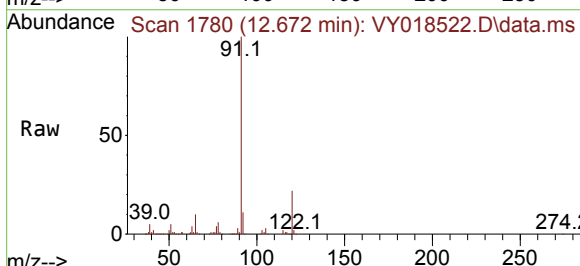
Acq: 07 Jun 2024 12:56

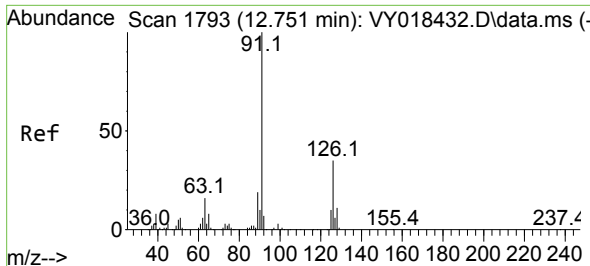
Tgt Ion: 91 Resp: 114780

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4

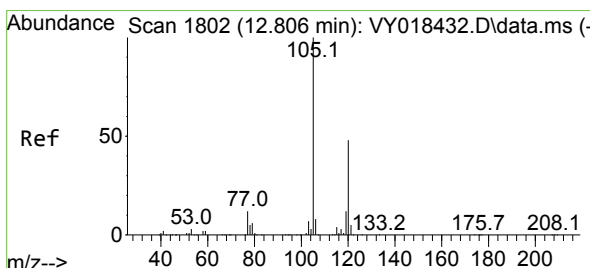
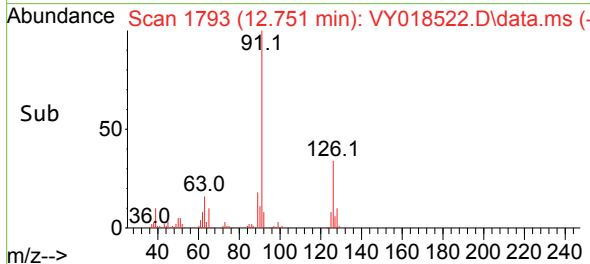
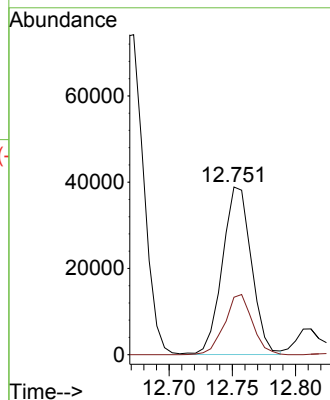
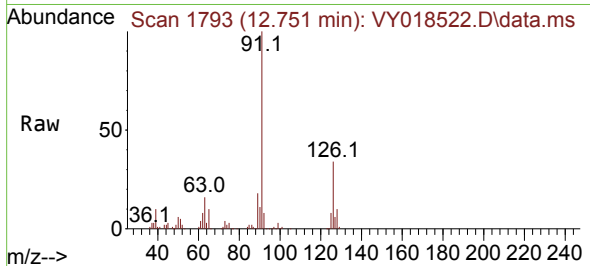




#79  
2-Chlorotoluene  
Concen: 20.077 ug/l  
RT: 12.751 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

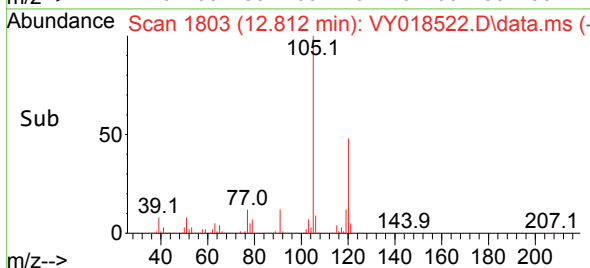
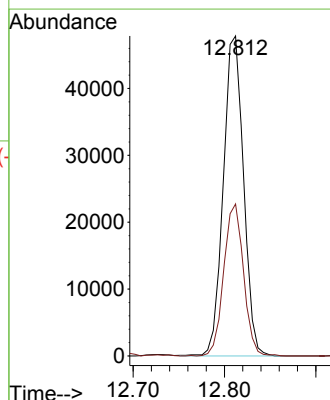
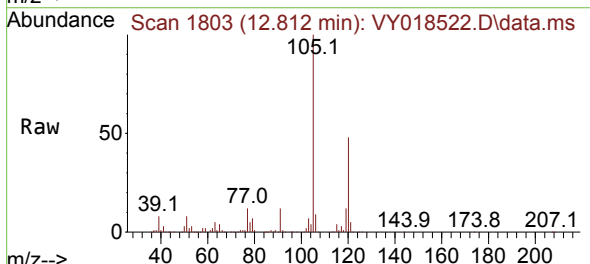
Instrument :  
MSVOA\_Y  
ClientSampleId :

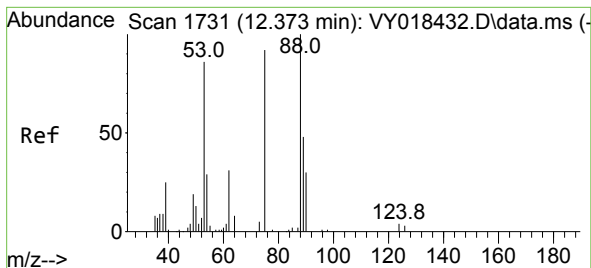
Tgt Ion: 91 Resp: 62163  
Ion Ratio Lower Upper  
91 100  
126 34.2 17.8 53.5



#80  
1,3,5-Trimethylbenzene  
Concen: 19.956 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.006 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Tgt Ion: 105 Resp: 73752  
Ion Ratio Lower Upper  
105 100  
120 46.5 25.1 75.2

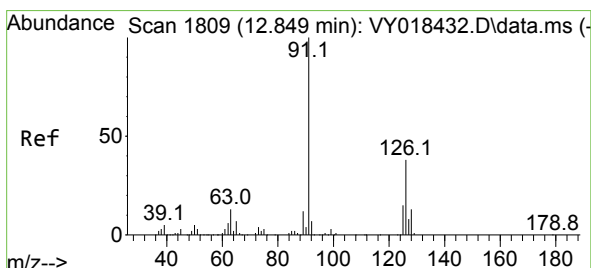
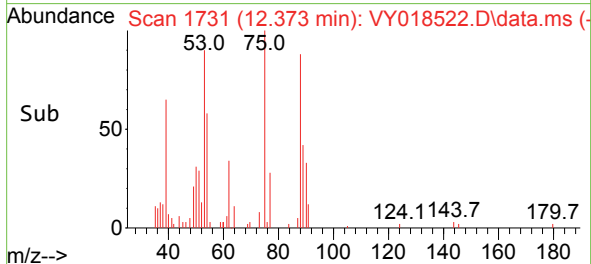
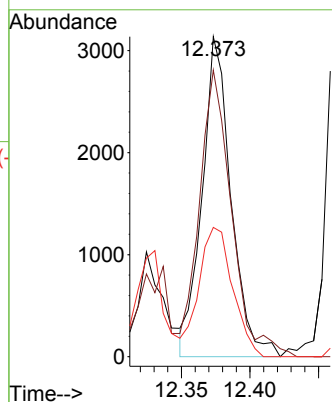
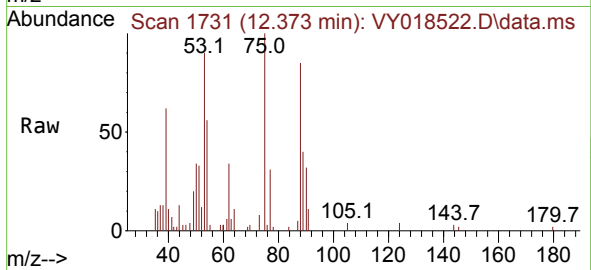




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 16.945 ug/l  
 RT: 12.373 min Scan# 1731  
 Delta R.T. -0.000 min  
 Lab File: VY018522.D  
 Acq: 07 Jun 2024 12:56

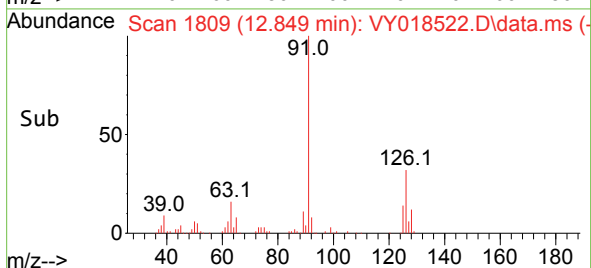
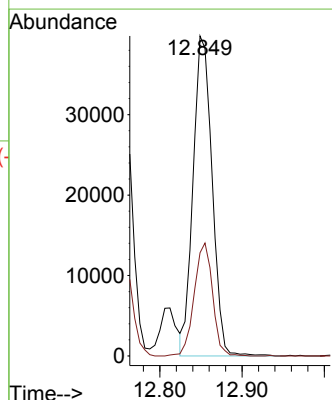
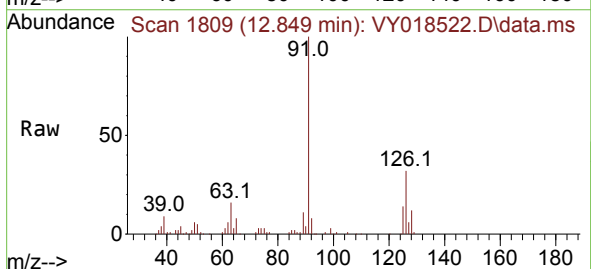
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

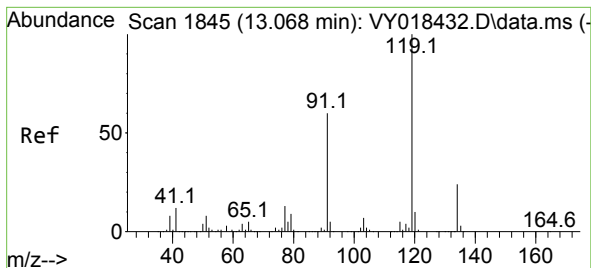
Tgt Ion: 75 Resp: 4599  
 Ion Ratio Lower Upper  
 75 100  
 53 99.1 66.8 100.2  
 89 47.4 35.8 53.6



#82  
 4-Chlorotoluene  
 Concen: 20.487 ug/l  
 RT: 12.849 min Scan# 1809  
 Delta R.T. -0.000 min  
 Lab File: VY018522.D  
 Acq: 07 Jun 2024 12:56

Tgt Ion: 91 Resp: 63829  
 Ion Ratio Lower Upper  
 91 100  
 126 34.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 19.183 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY018522.D

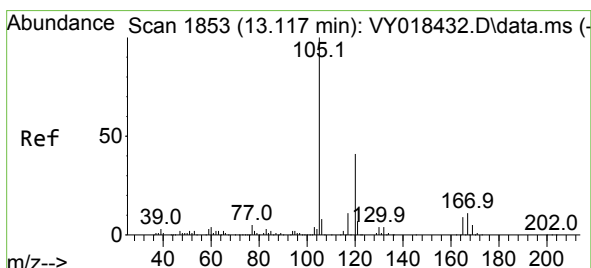
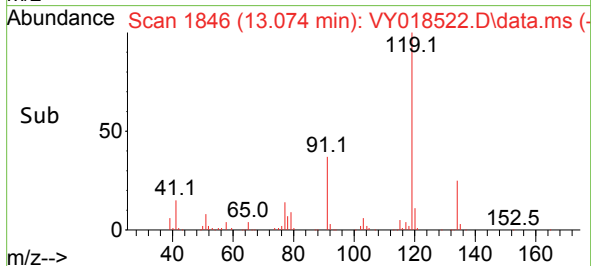
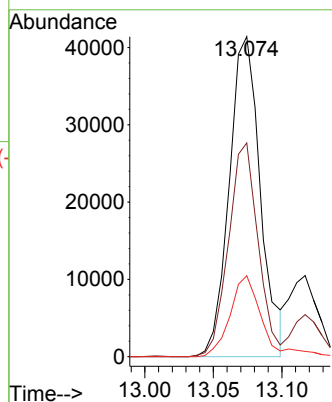
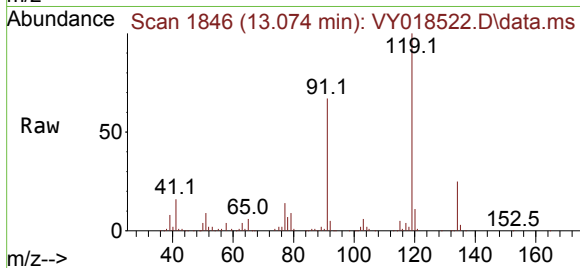
Acq: 07 Jun 2024 12:56

Instrument :

MSVOA\_Y

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:119 | Resp: | 65559     |
| Ion Ratio   | Lower | Upper     |
| 119         | 100   |           |
| 91          | 63.5  | 31.3 93.8 |
| 134         | 25.9  | 13.4 40.1 |



#84

1,2,4-Trimethylbenzene

Concen: 19.958 ug/l

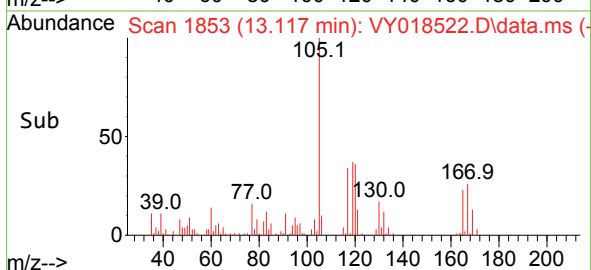
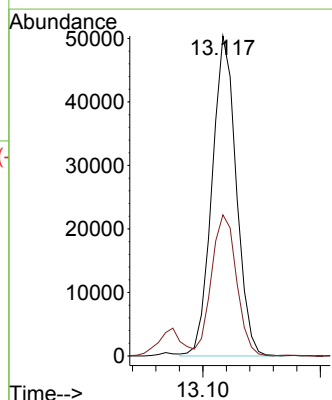
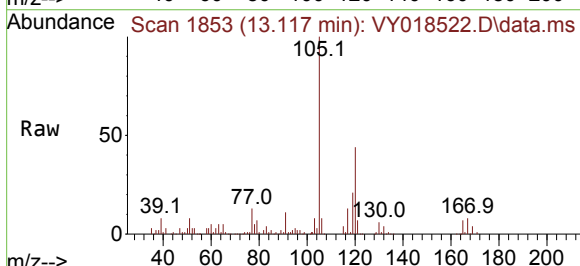
RT: 13.117 min Scan# 1853

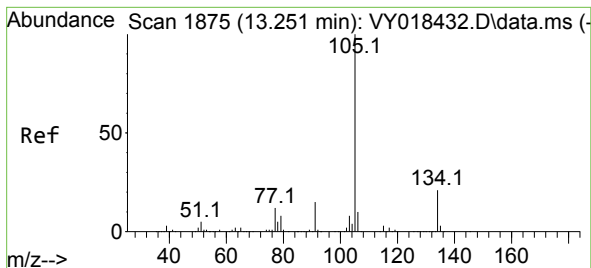
Delta R.T. -0.000 min

Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 72212     |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 120         | 45.6  | 23.2 69.6 |





#85

sec-Butylbenzene

Concen: 19.509 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

Instrument :

MSVOA\_Y

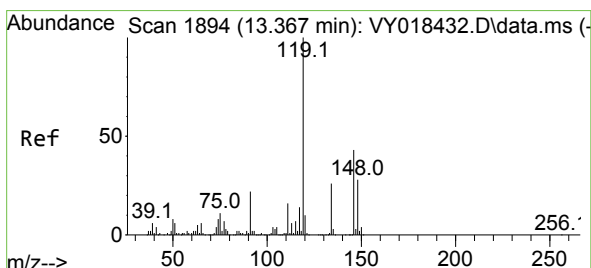
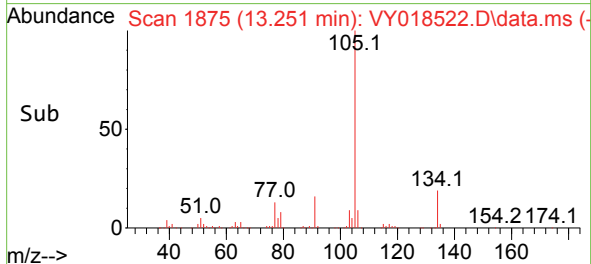
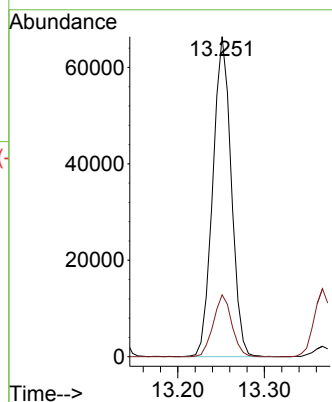
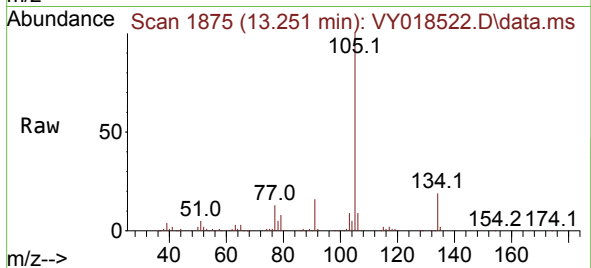
ClientSampleId :

Tgt Ion:105 Resp: 98190

Ion Ratio Lower Upper

105 100

134 19.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.513 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

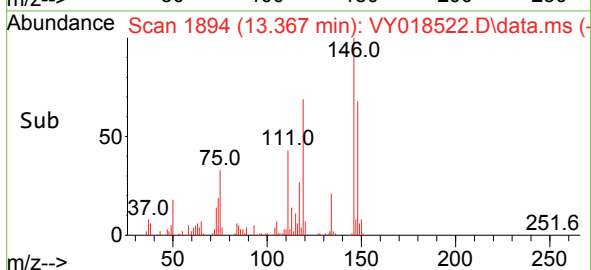
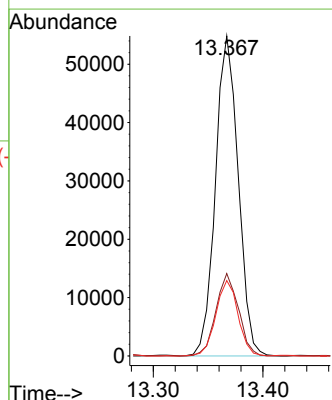
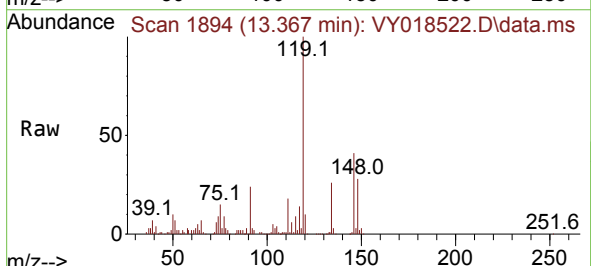
Tgt Ion:119 Resp: 79262

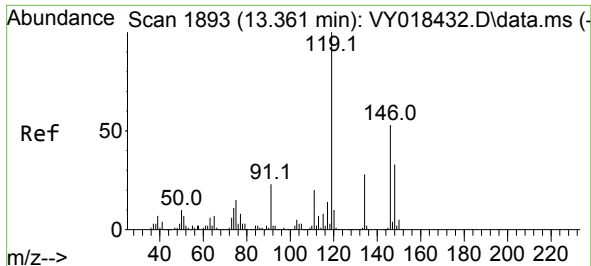
Ion Ratio Lower Upper

119 100

134 25.4 13.1 39.3

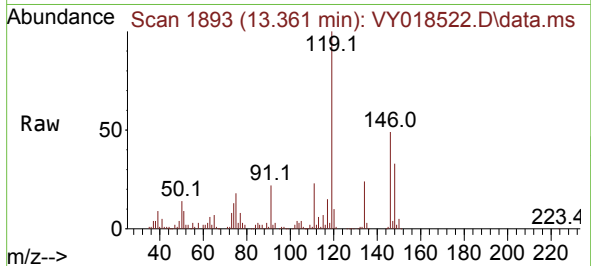
91 23.0 10.7 32.1



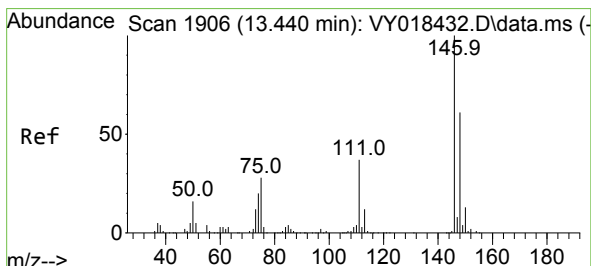
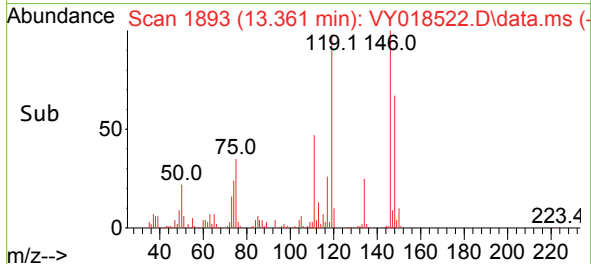
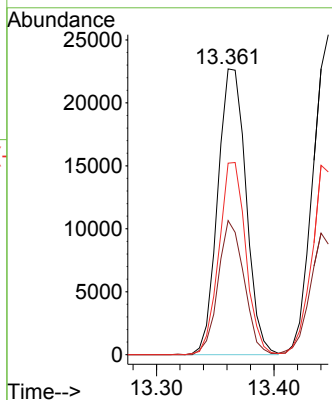


#87  
1,3-Dichlorobenzene  
Concen: 19.139 ug/l  
RT: 13.361 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Instrument :  
MSVOA\_Y  
ClientSampleId :

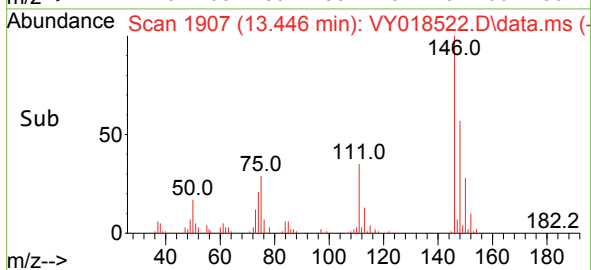
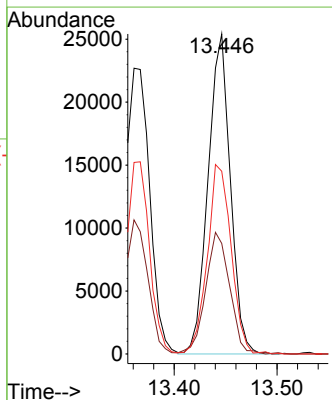
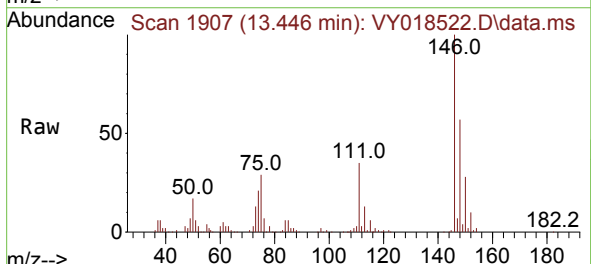


Tgt Ion:146 Resp: 38037  
Ion Ratio Lower Upper  
146 100  
111 43.0 19.0 57.0  
148 63.7 31.7 95.1

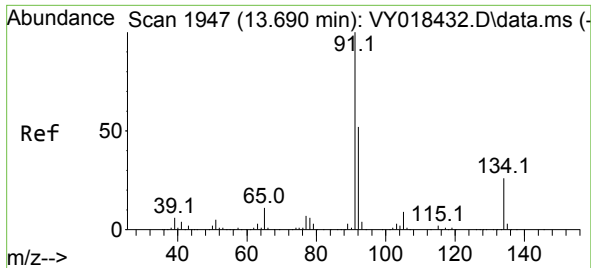


#88  
1,4-Dichlorobenzene  
Concen: 19.620 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. 0.006 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Tgt Ion:146 Resp: 38308  
Ion Ratio Lower Upper  
146 100  
111 40.7 18.4 55.4  
148 63.4 32.4 97.2

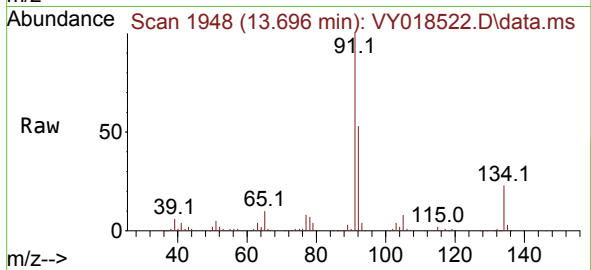




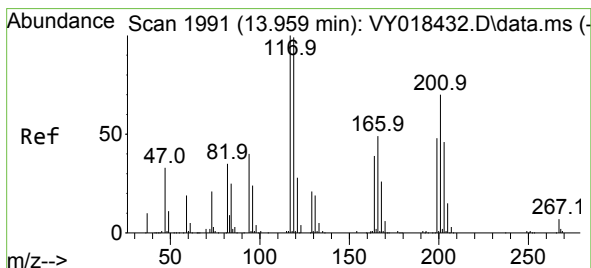
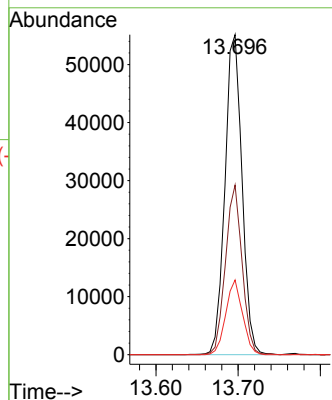
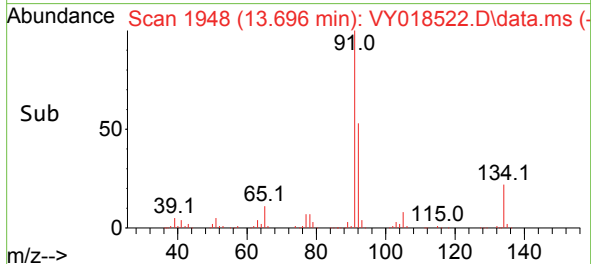


#89  
n-Butylbenzene  
Concen: 20.611 ug/l  
RT: 13.696 min Scan# 1947  
Delta R.T. 0.006 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Instrument :  
MSVOA\_Y  
ClientSampleId :

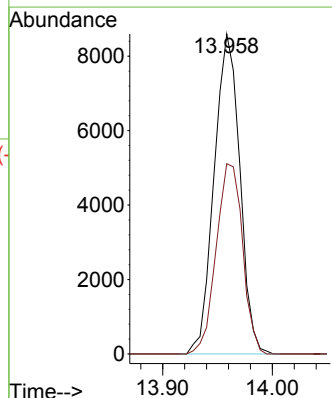
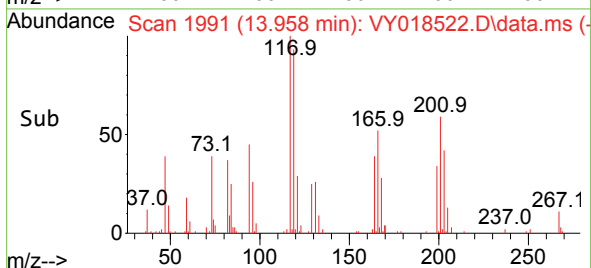
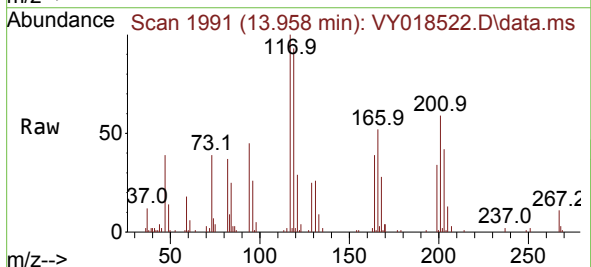


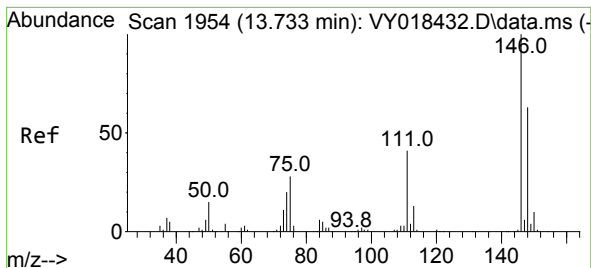
Tgt Ion: 91 Resp: 79560  
Ion Ratio Lower Upper  
91 100  
92 51.8 26.6 79.7  
134 23.0 12.9 38.7



#90  
Hexachloroethane  
Concen: 18.376 ug/l  
RT: 13.958 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VY018522.D  
Acq: 07 Jun 2024 12:56

Tgt Ion: 117 Resp: 13991  
Ion Ratio Lower Upper  
117 100  
201 61.1 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 19.034 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

Instrument :

MSVOA\_Y

ClientSampleId :

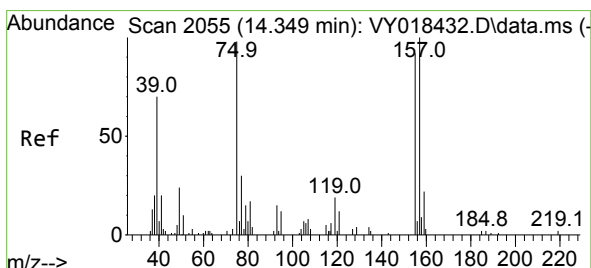
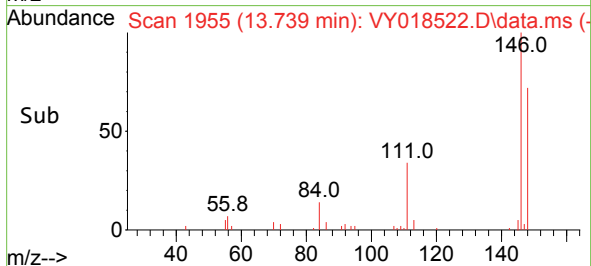
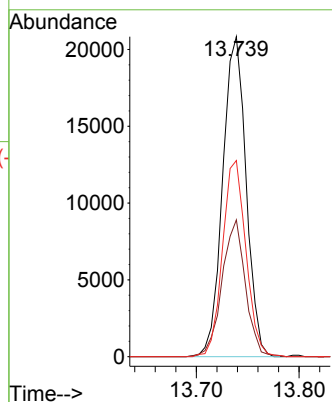
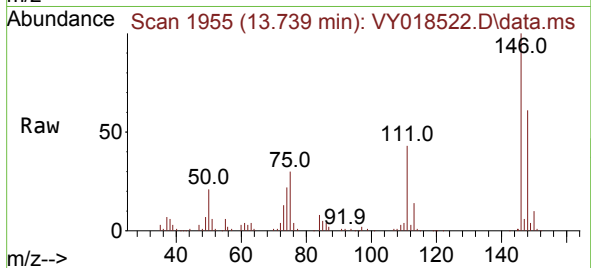
Tgt Ion:146 Resp: 32918

Ion Ratio Lower Upper

146 100

111 42.8 19.9 59.7

148 61.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.923 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.006 min

Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

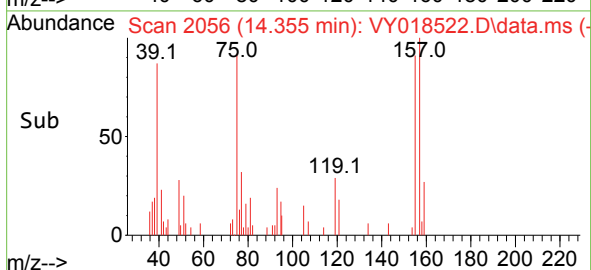
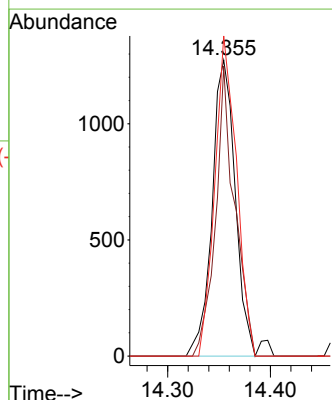
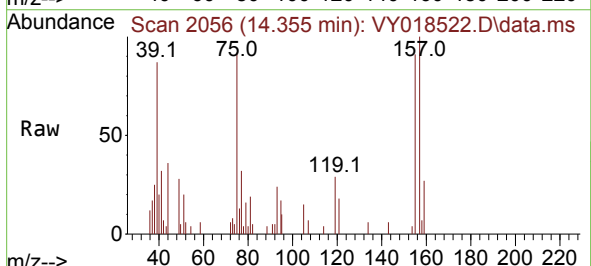
Tgt Ion: 75 Resp: 2024

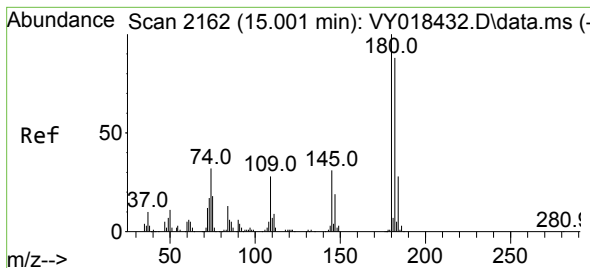
Ion Ratio Lower Upper

75 100

155 80.3 48.6 145.8

157 99.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.077 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.000 min

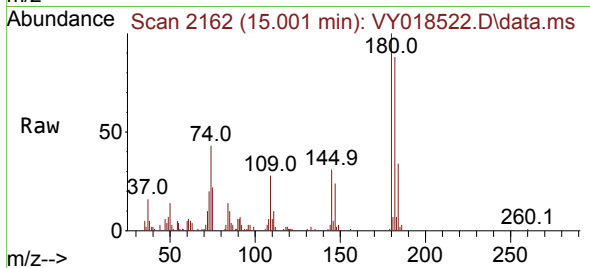
Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

Instrument :

MSVOA\_Y

ClientSampleId :



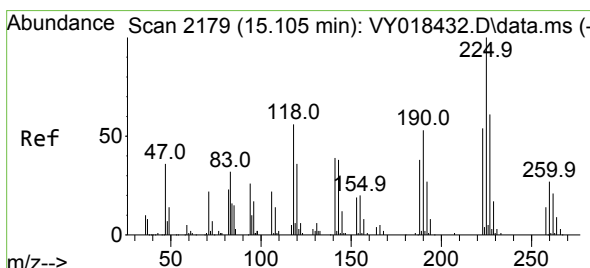
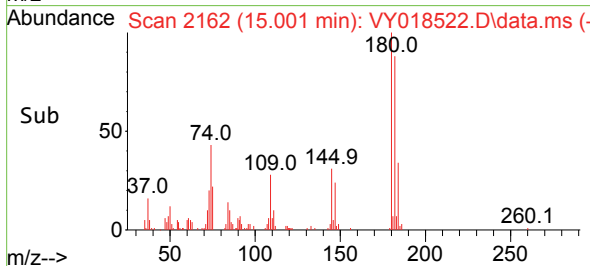
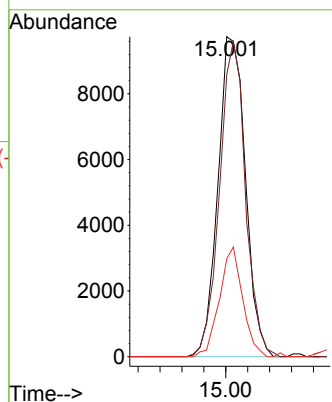
Tgt Ion:180 Resp: 16908

Ion Ratio Lower Upper

180 100

182 93.2 47.9 143.8

145 29.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 17.049 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

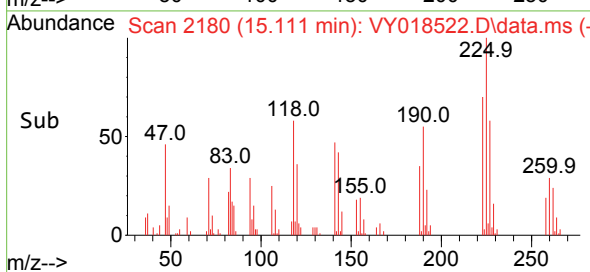
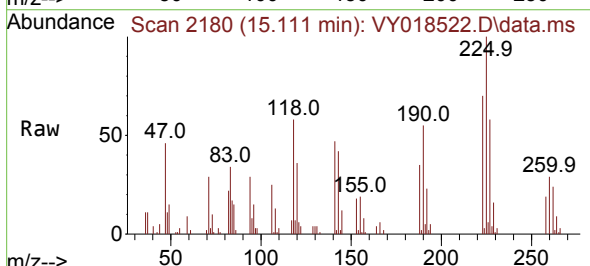
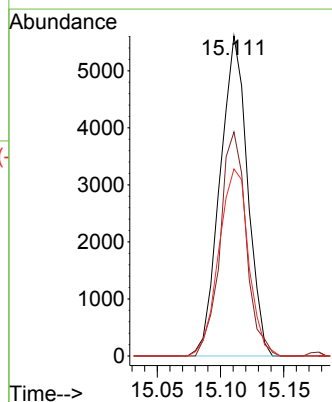
Tgt Ion:225 Resp: 8469

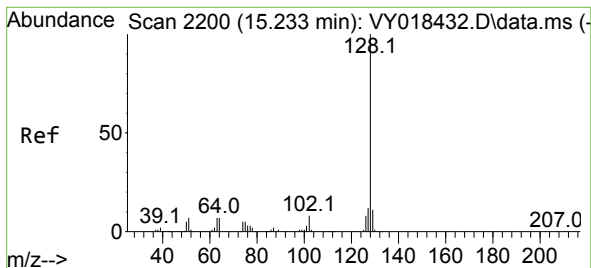
Ion Ratio Lower Upper

225 100

223 66.1 30.4 91.2

227 63.1 31.9 95.9





#95

Naphthalene

Concen: 16.757 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY018522.D

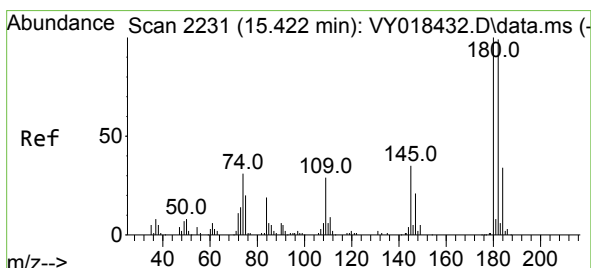
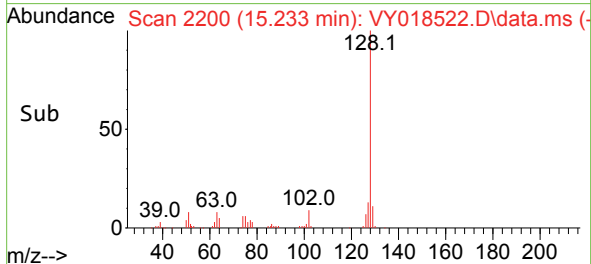
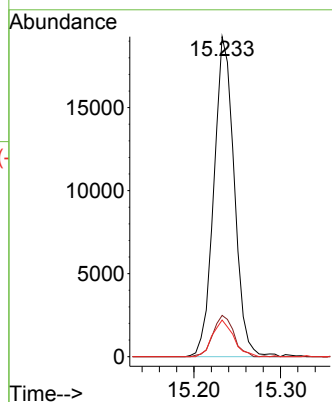
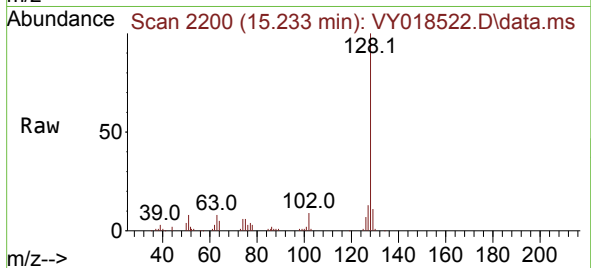
Acq: 07 Jun 2024 12:56

Instrument :

MSVOA\_Y

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 31478     |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 13.3  | 10.6 16.0 |
| 129         | 11.9  | 8.6 13.0  |



#96

1,2,3-Trichlorobenzene

Concen: 17.814 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY018522.D

Acq: 07 Jun 2024 12:56

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 14097      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 92.4  | 47.6 142.9 |
| 145         | 34.0  | 15.4 46.1  |

