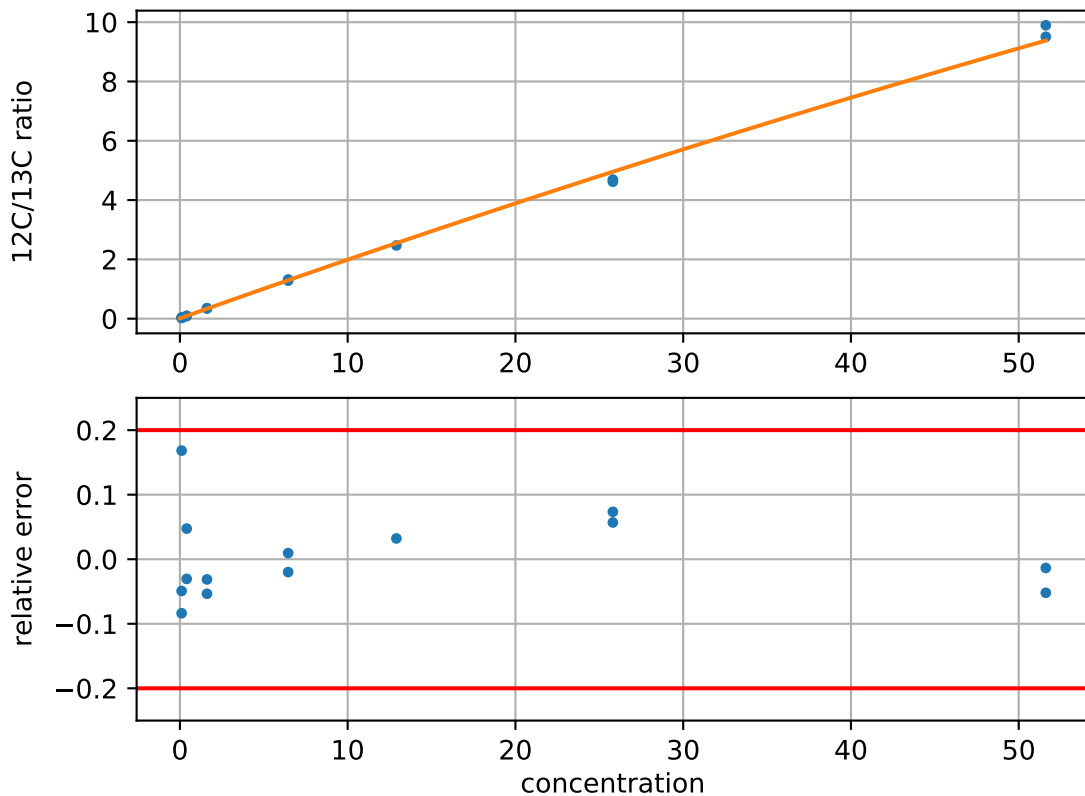
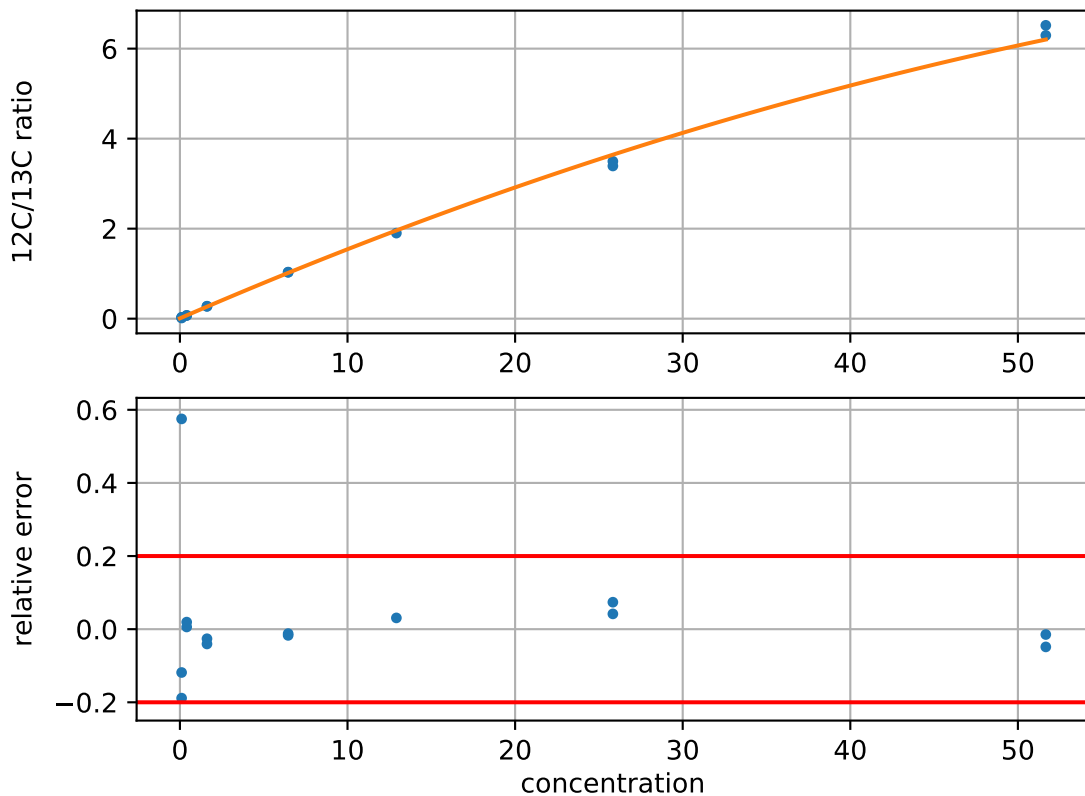


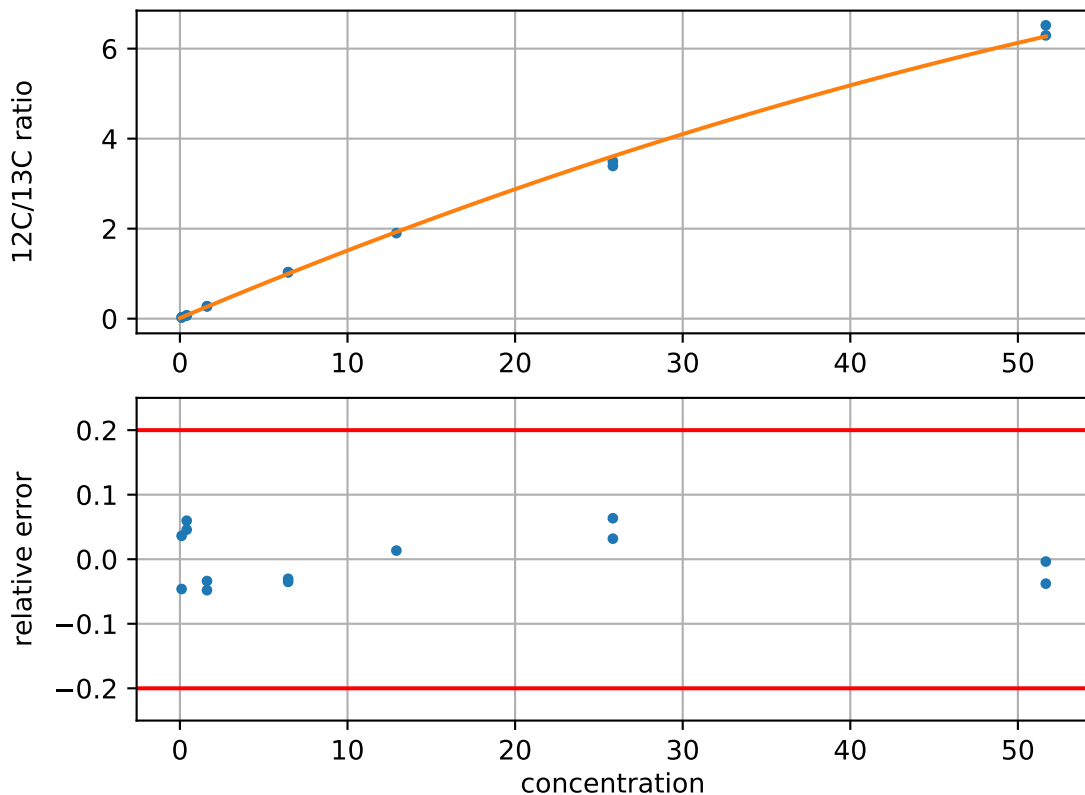
Aspartate (pass 1,  $R^2 = 0.999$ )



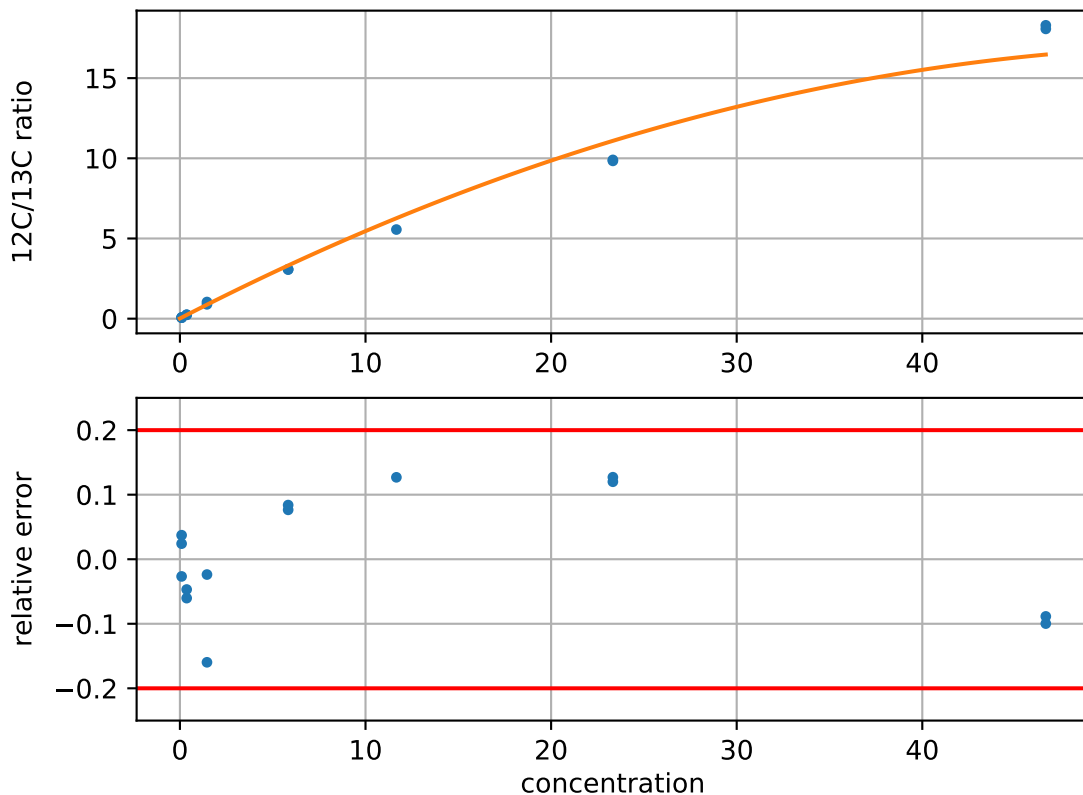
Arginine (pass 1,  $R^2 = 0.997$ )



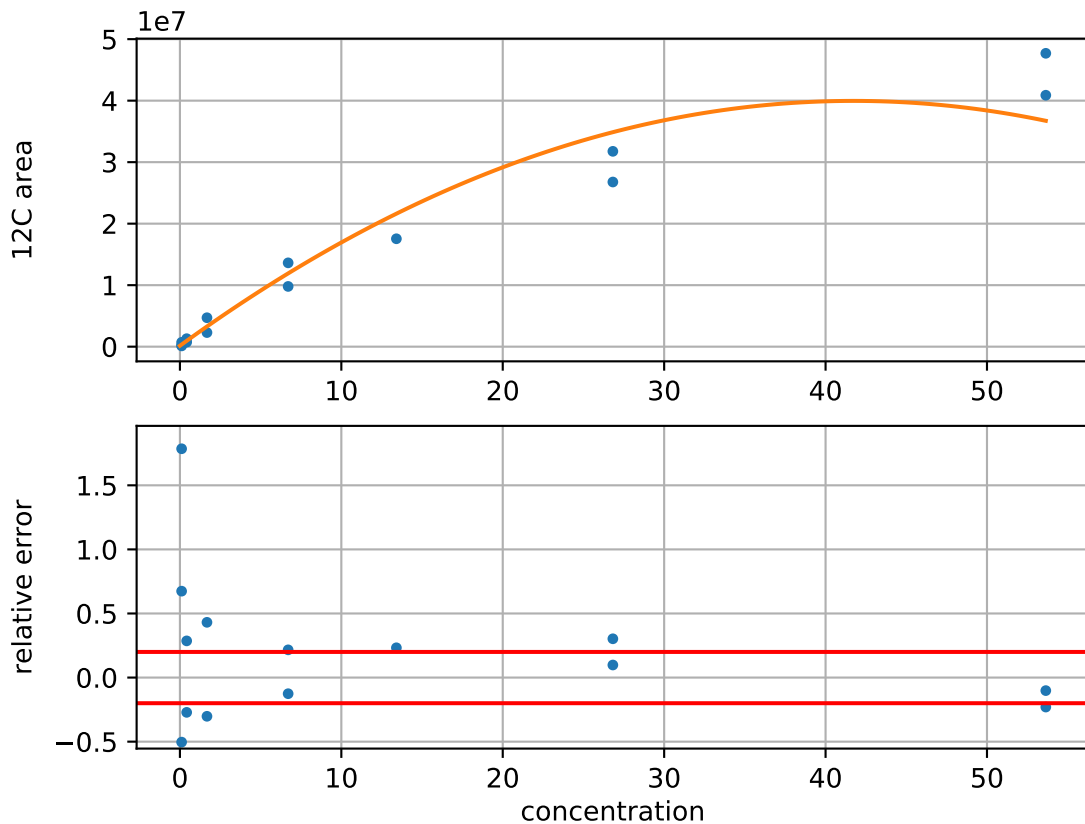
Arginine (pass 2,  $R^2 = 0.997$ , excluding cal. sample #1)



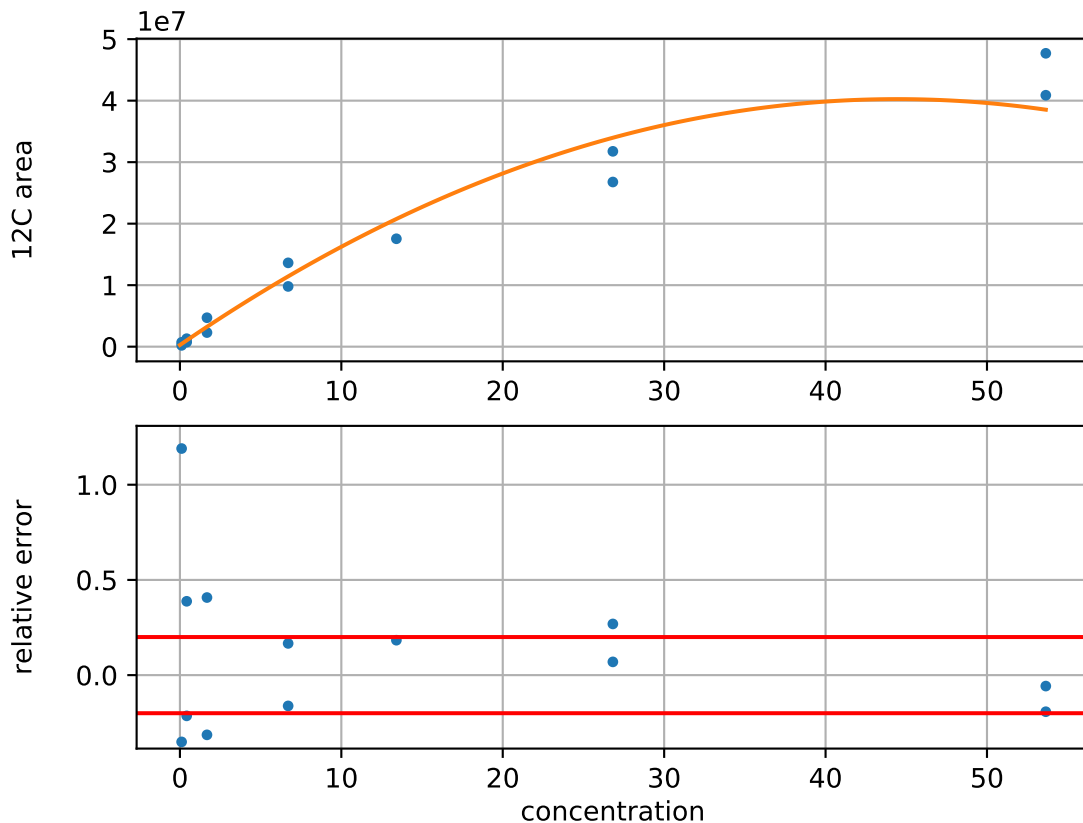
Isoleucine (pass 1,  $R^2 = 0.997$ )



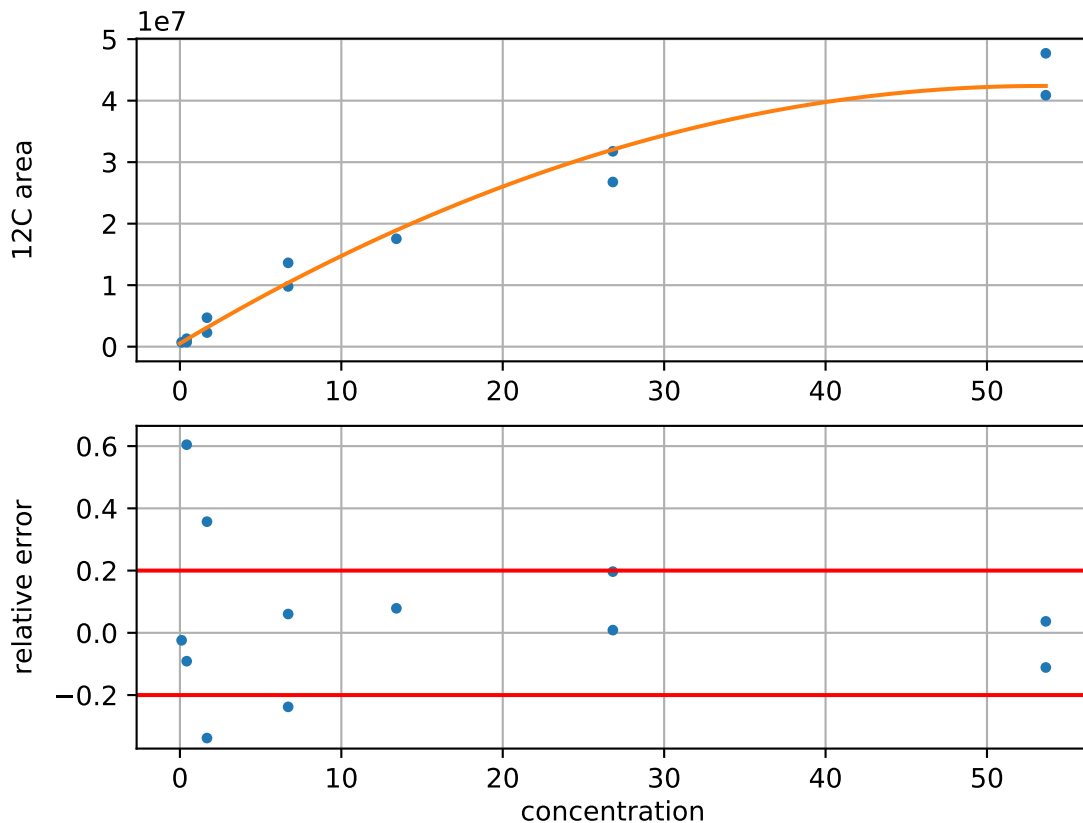
Glutamine (pass 1,  $R^2 = 0.953$ )



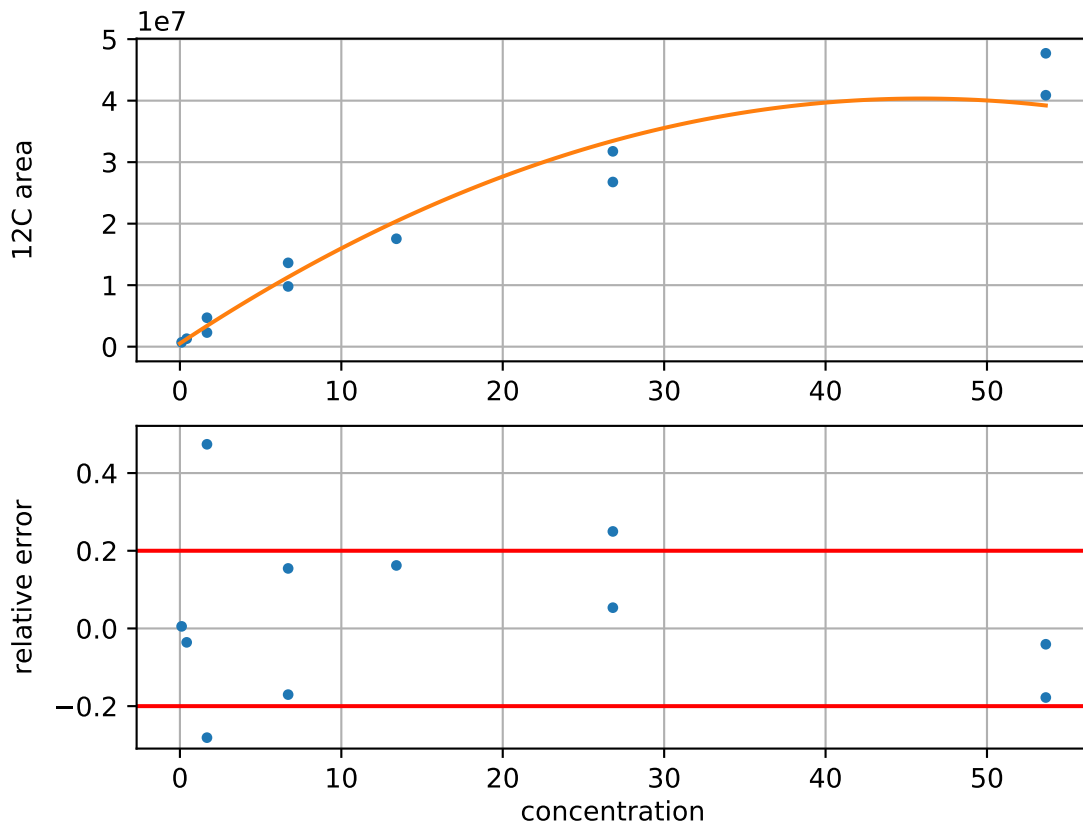
Glutamine (pass 2,  $R^2 = 0.952$ , excluding cal. sample #9)



Glutamine (pass 3,  $R^2 = 0.952$ , excluding cal. sample #1)

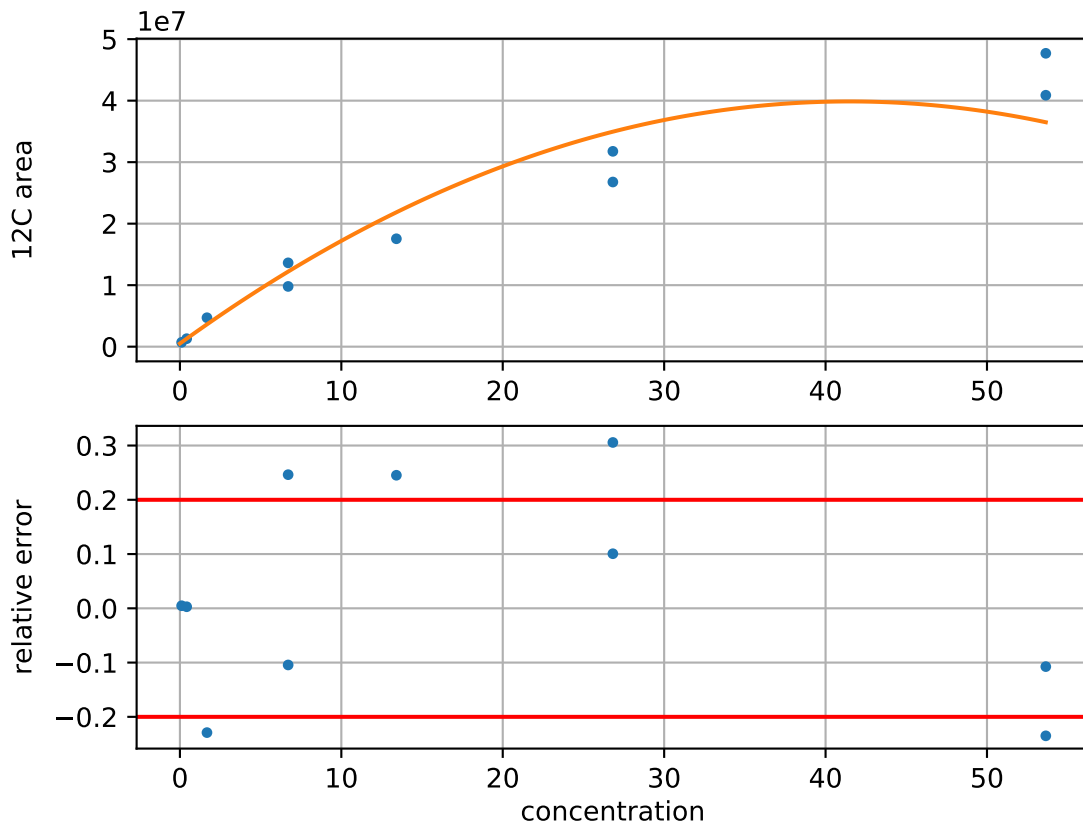


Glutamine (pass 4,  $R^2 = 0.951$ , excluding cal. sample #3)

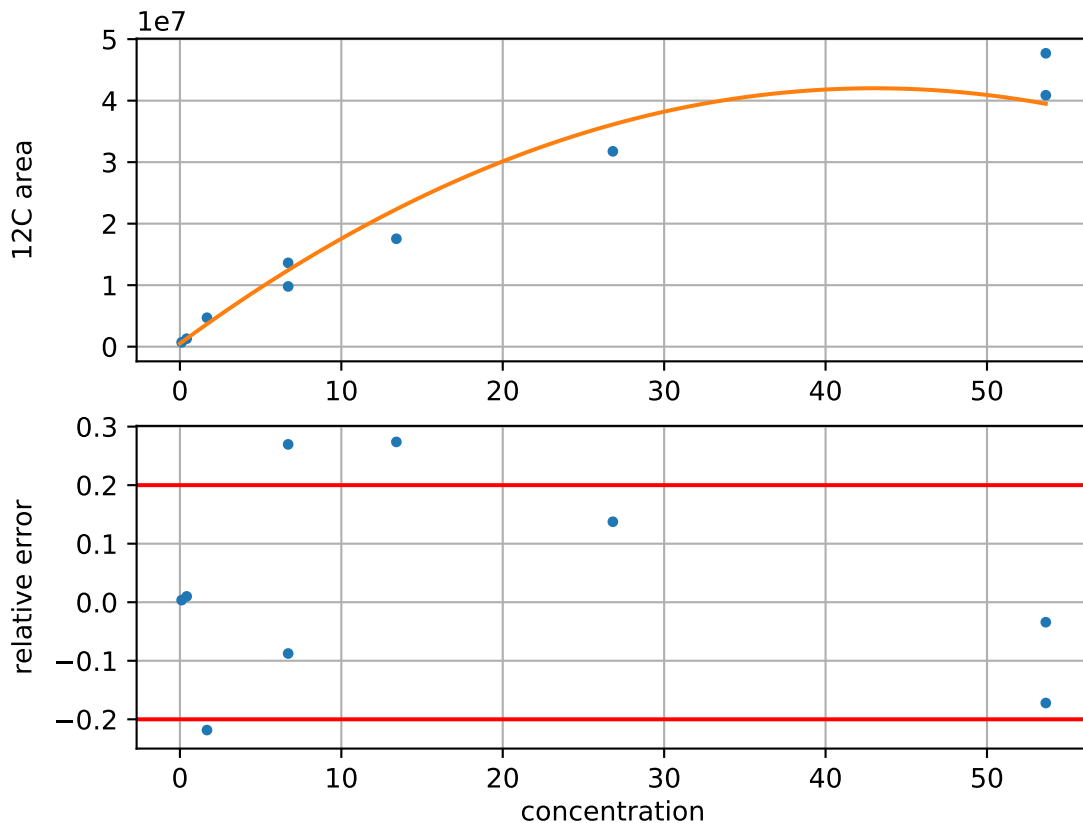




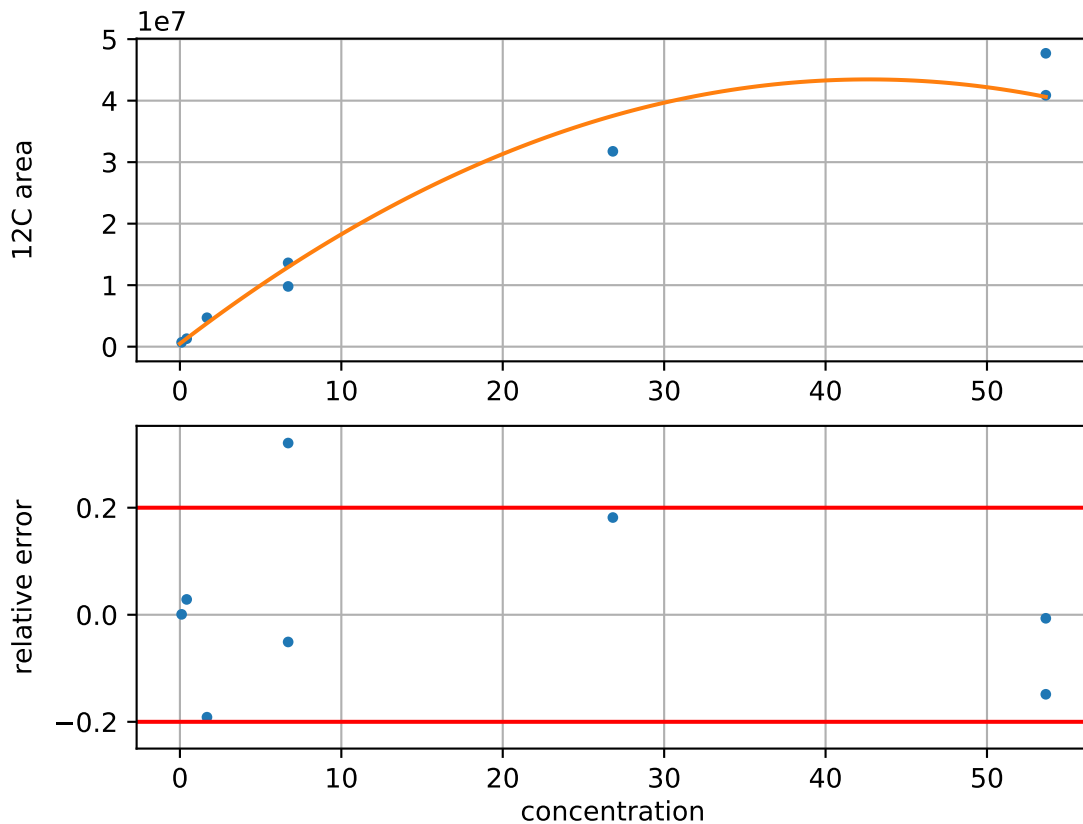
Glutamine (pass 5,  $R^2 = 0.95$ , excluding cal. sample #4)



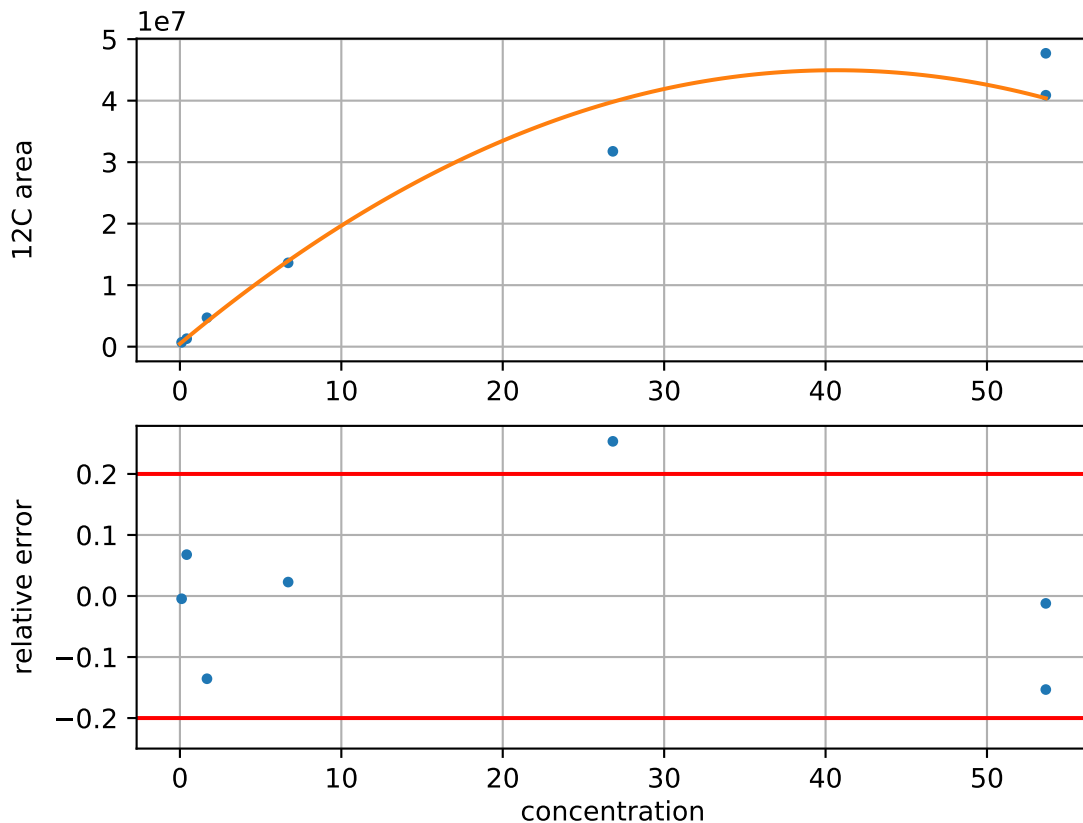
Glutamine (pass 6,  $R^2 = 0.95$ , excluding cal. sample #13)



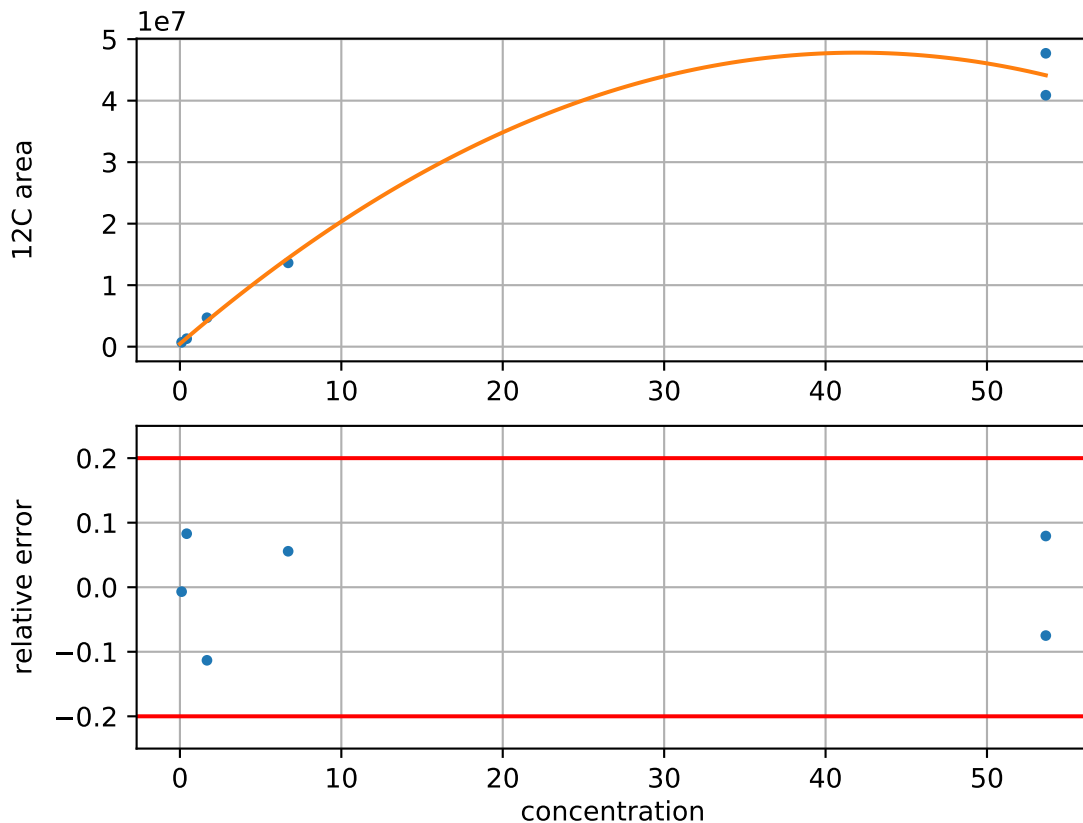
Glutamine (pass 7,  $R^2 = 0.953$ , excluding cal. sample #6)



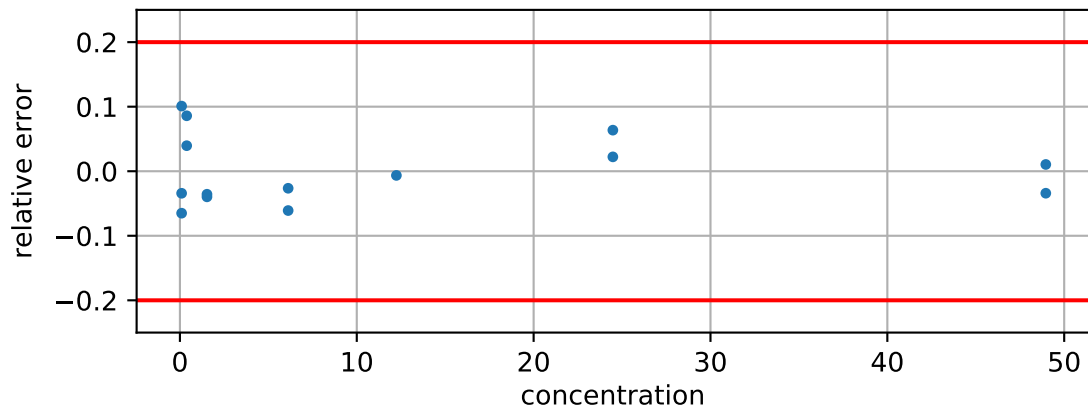
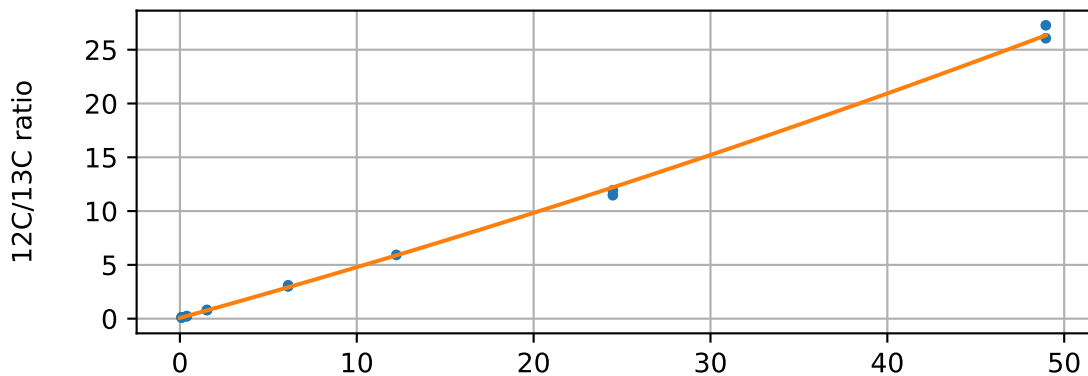
Glutamine (pass 8,  $R^2 = 0.951$ , excluding cal. sample #5)



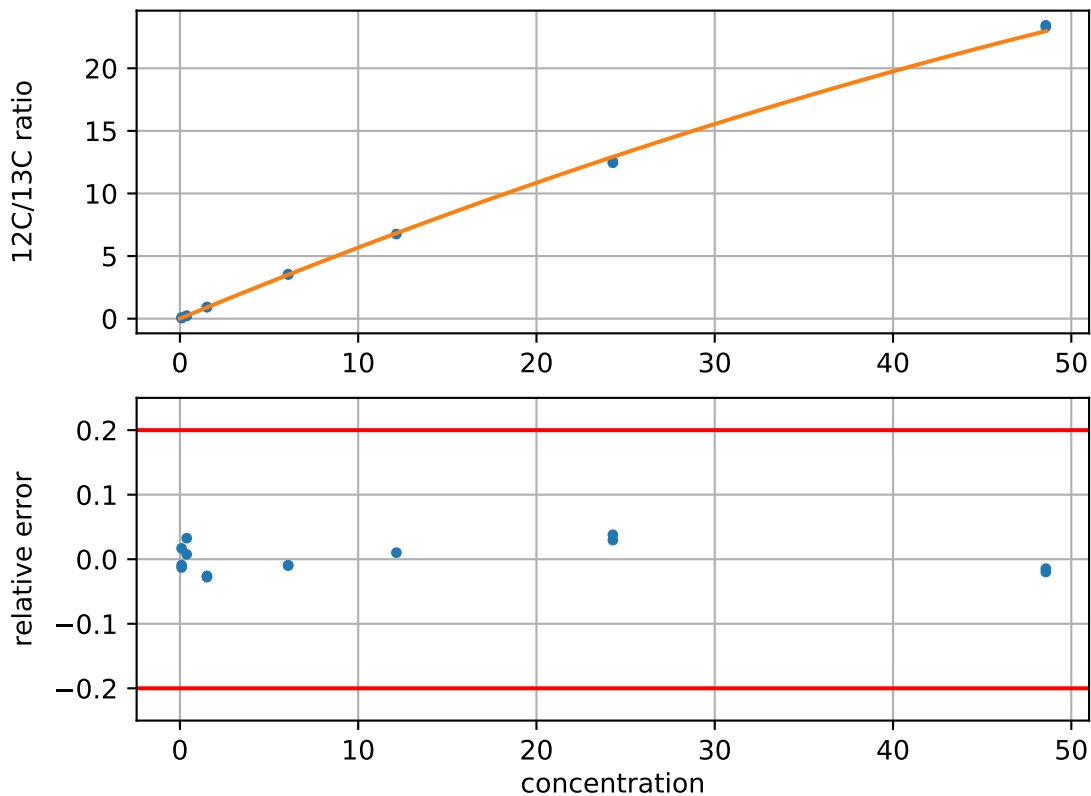
Glutamine (pass 9,  $R^2 = 0.971$ , excluding cal. sample #7)



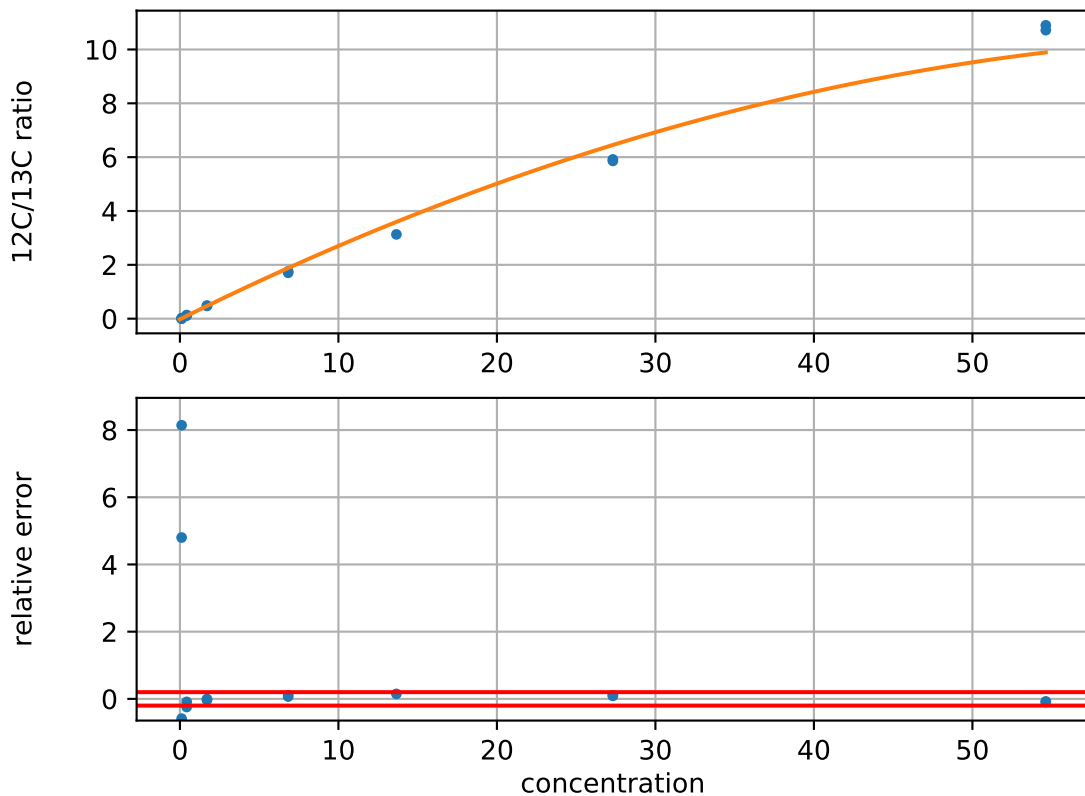
Serine (pass 1,  $R^2 = 0.996$ )



Tyrosine (pass 1,  $R^2 = 0.998$ )

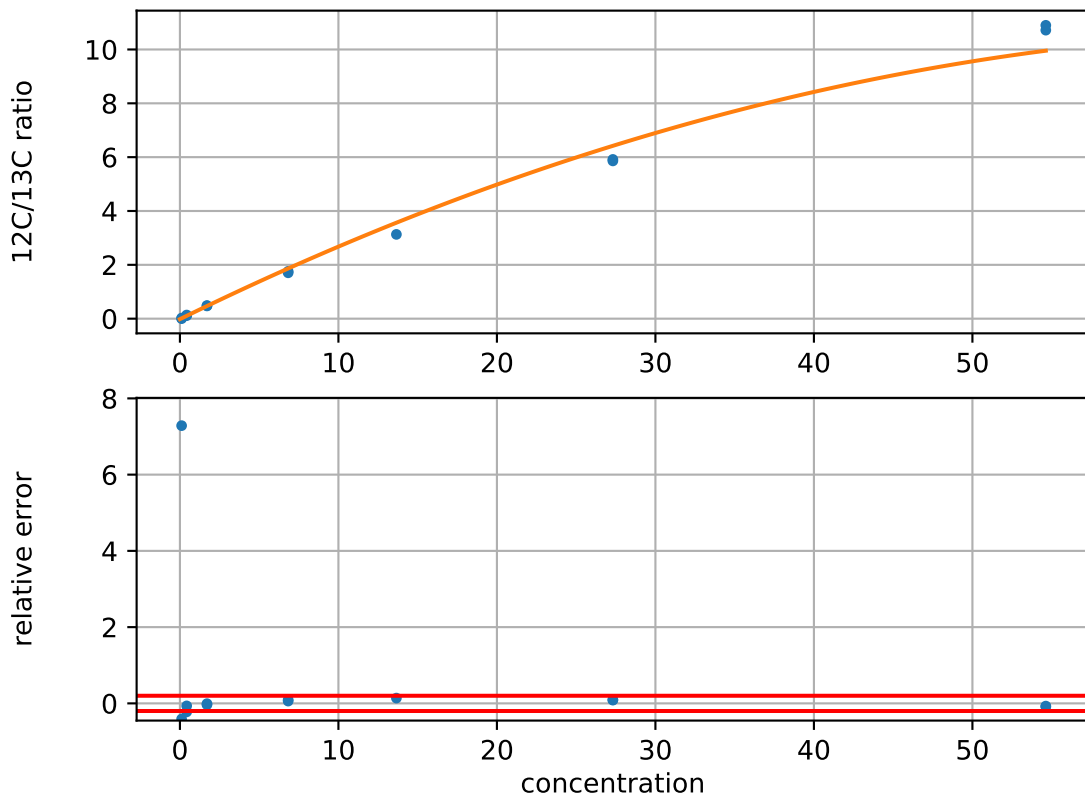


Valine (pass 1,  $R^2 = 0.997$ )

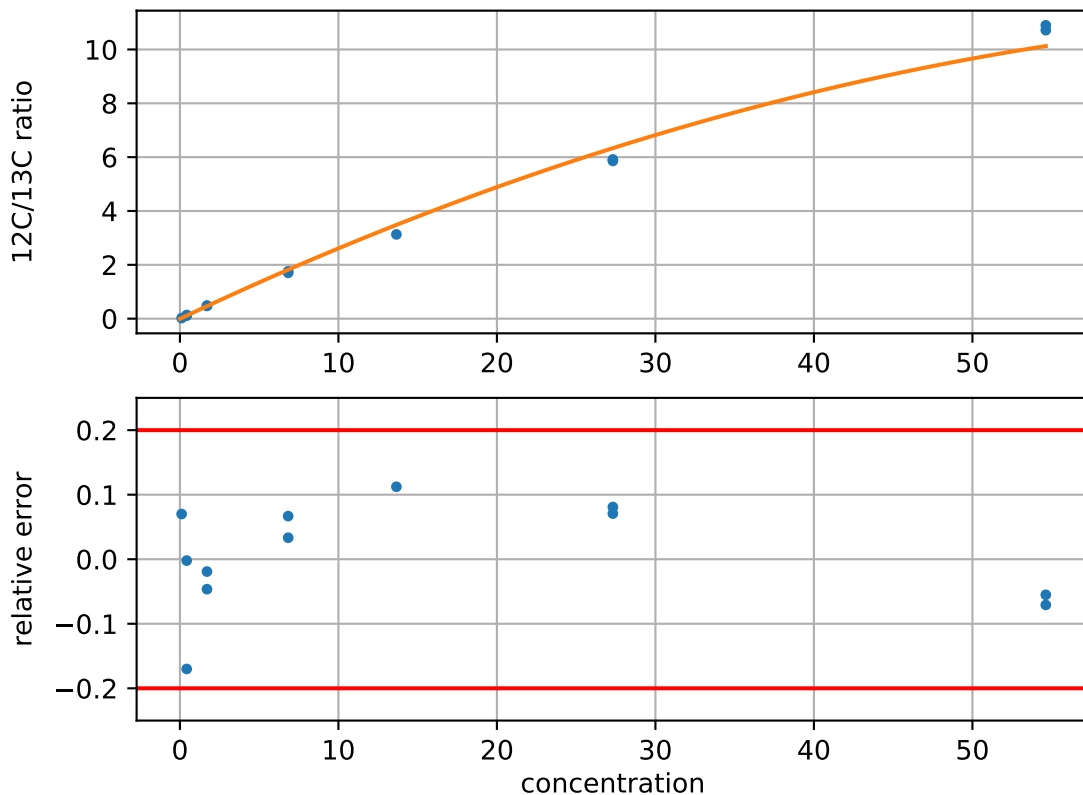




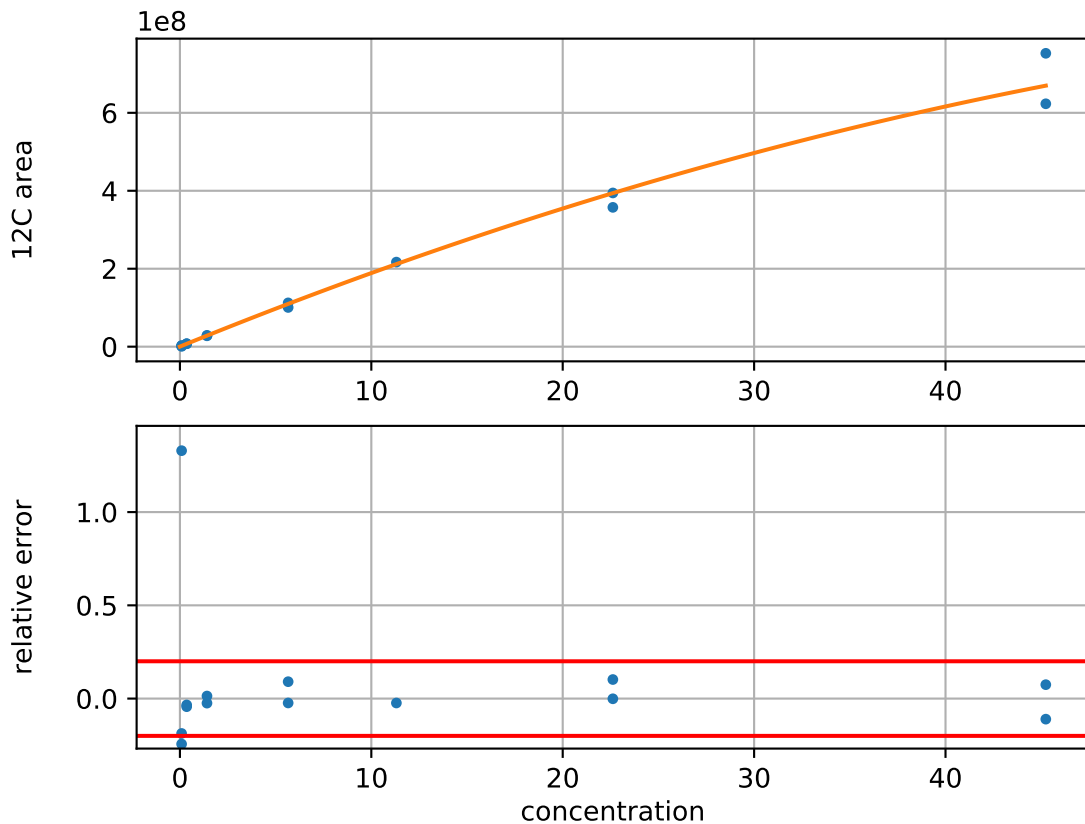
Valine (pass 2,  $R^2 = 0.997$ , excluding cal. sample #2)



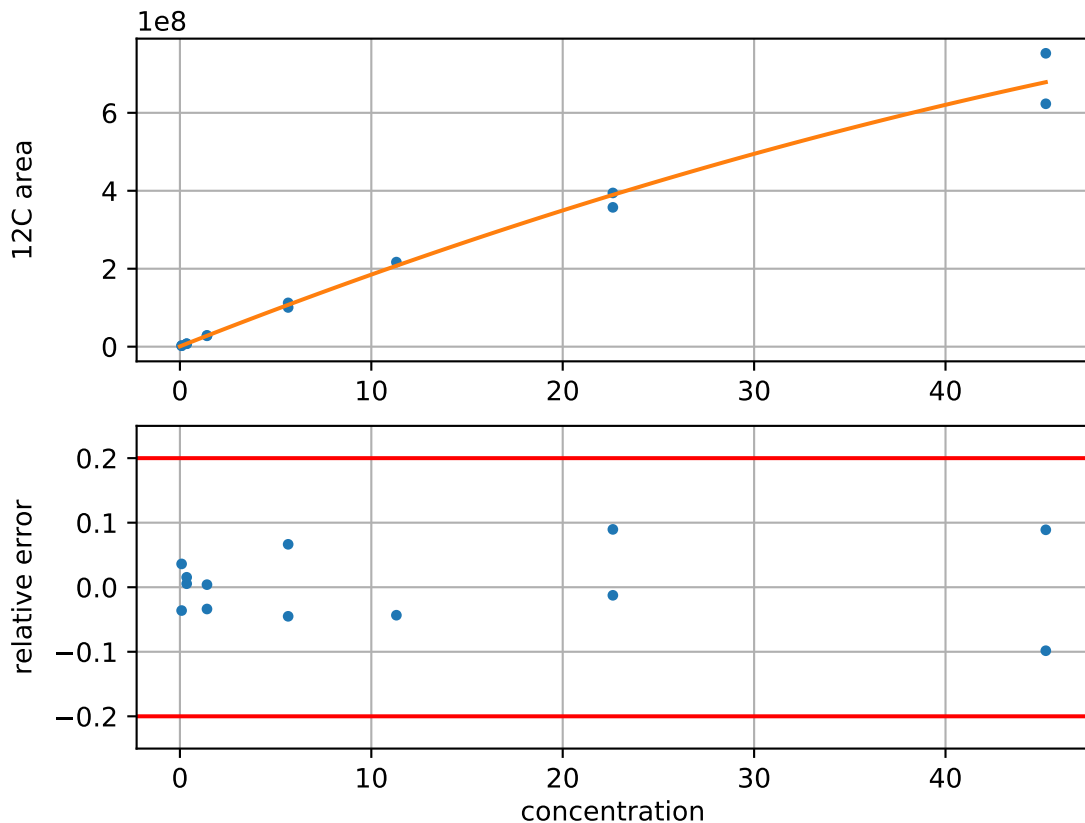
Valine (pass 3,  $R^2 = 0.997$ , excluding cal. sample #1)



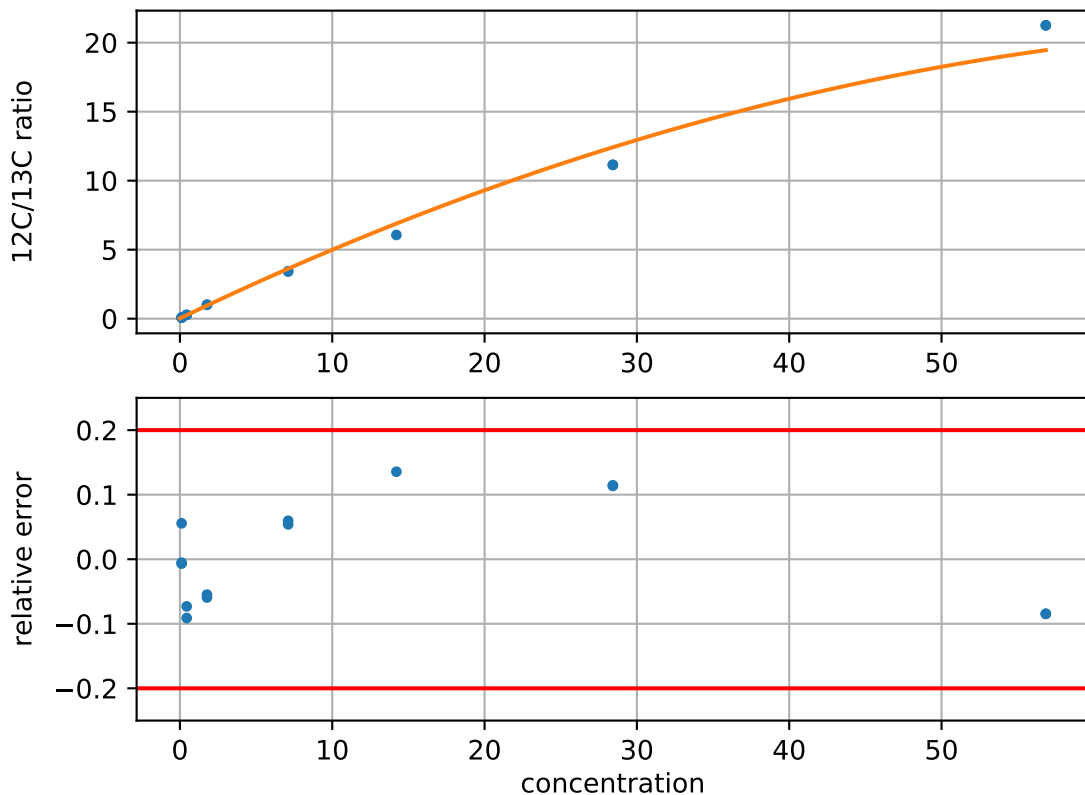
Tryptophan (pass 1,  $R^2 = 0.985$ )



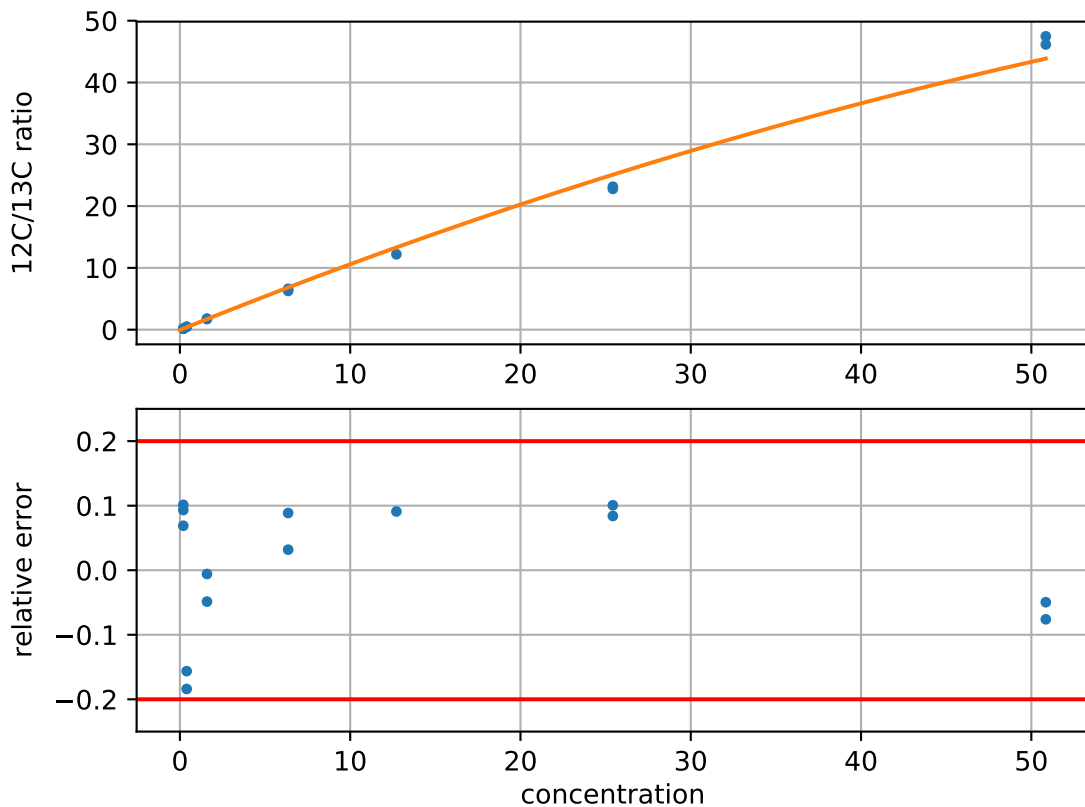
Tryptophan (pass 2,  $R^2 = 0.985$ , excluding cal. sample #9)



Phenylalanine (pass 1,  $R^2 = 0.998$ )

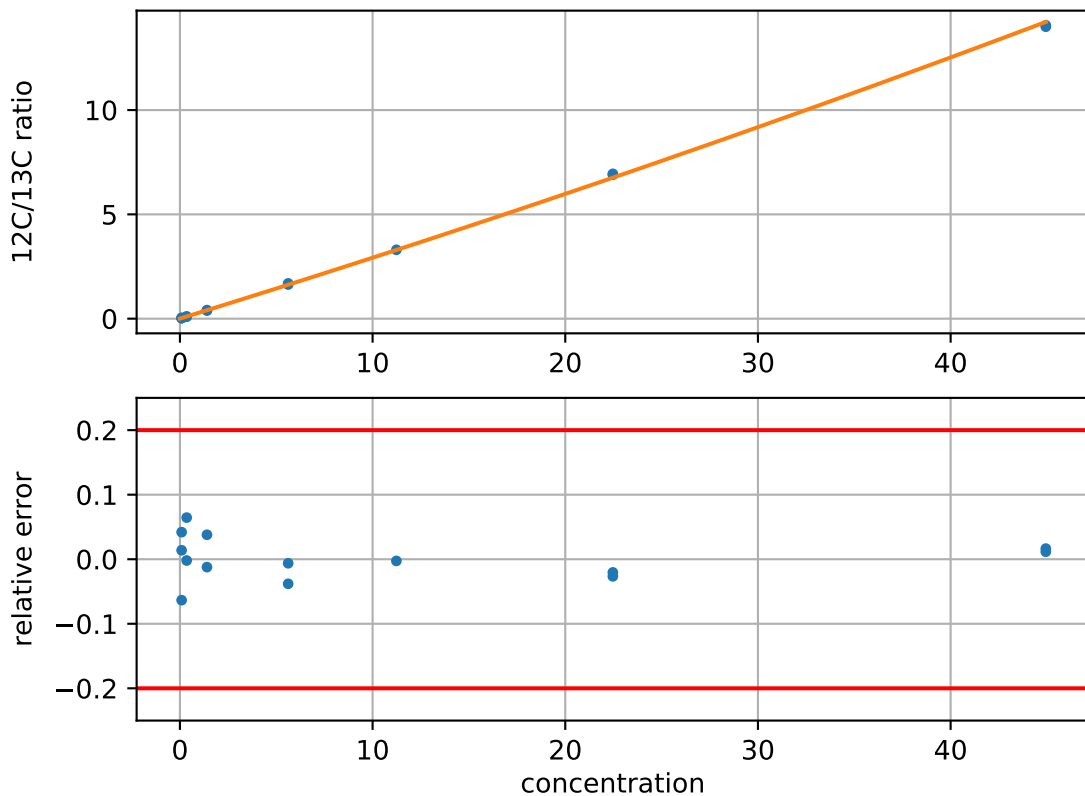


Histidine (pass 1,  $R^2 = 0.999$ )



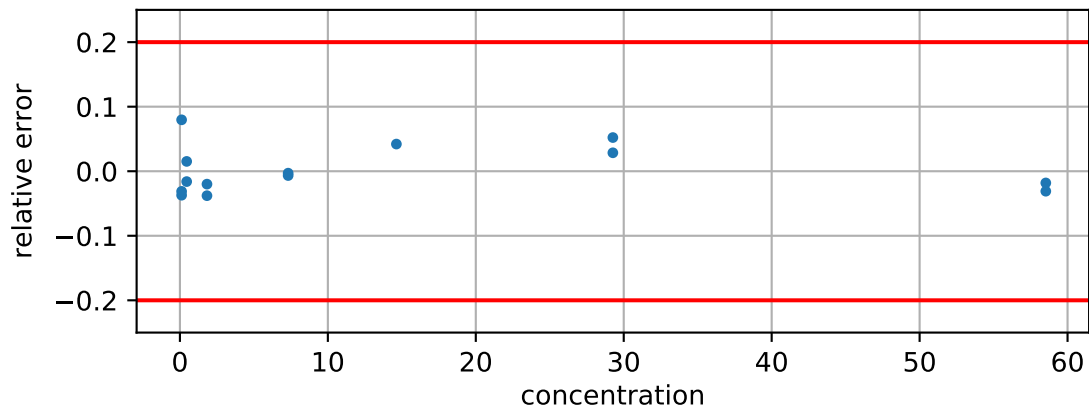
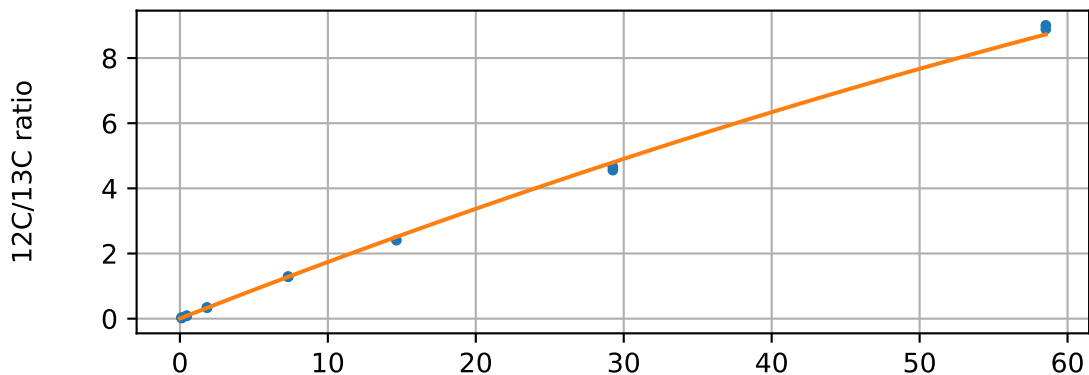
GSSG - no calibration data

Lysine (pass 1,  $R^2 = 1.0$ )

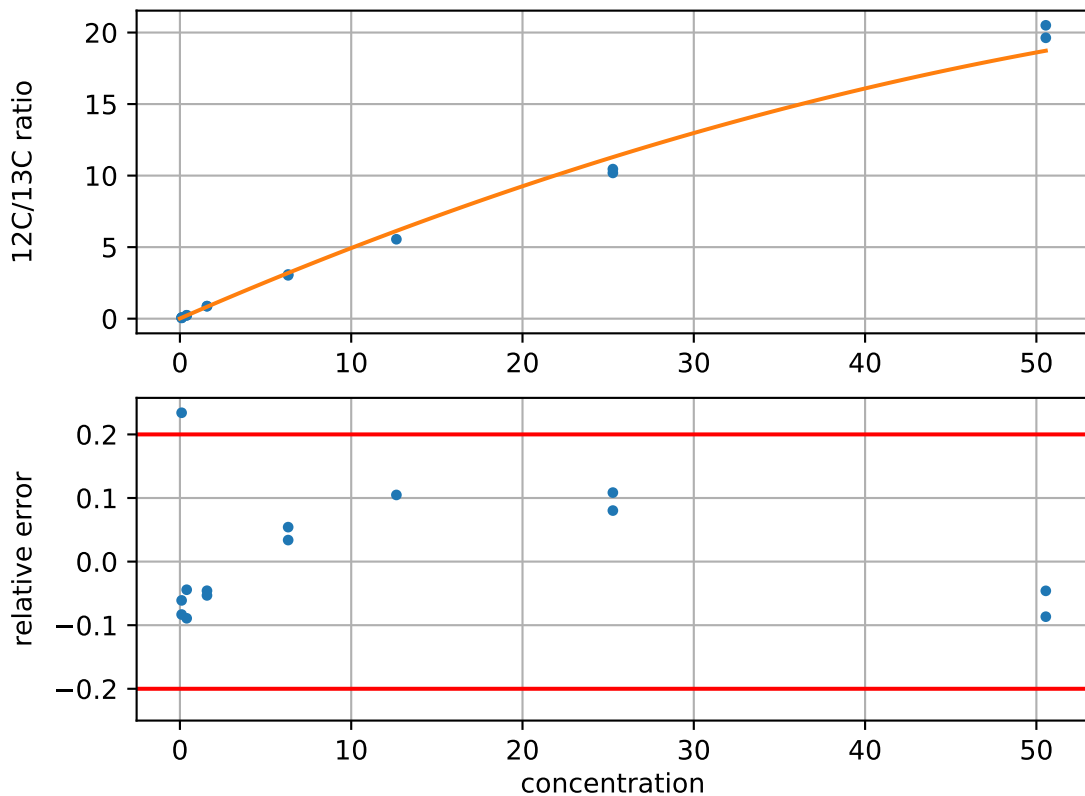




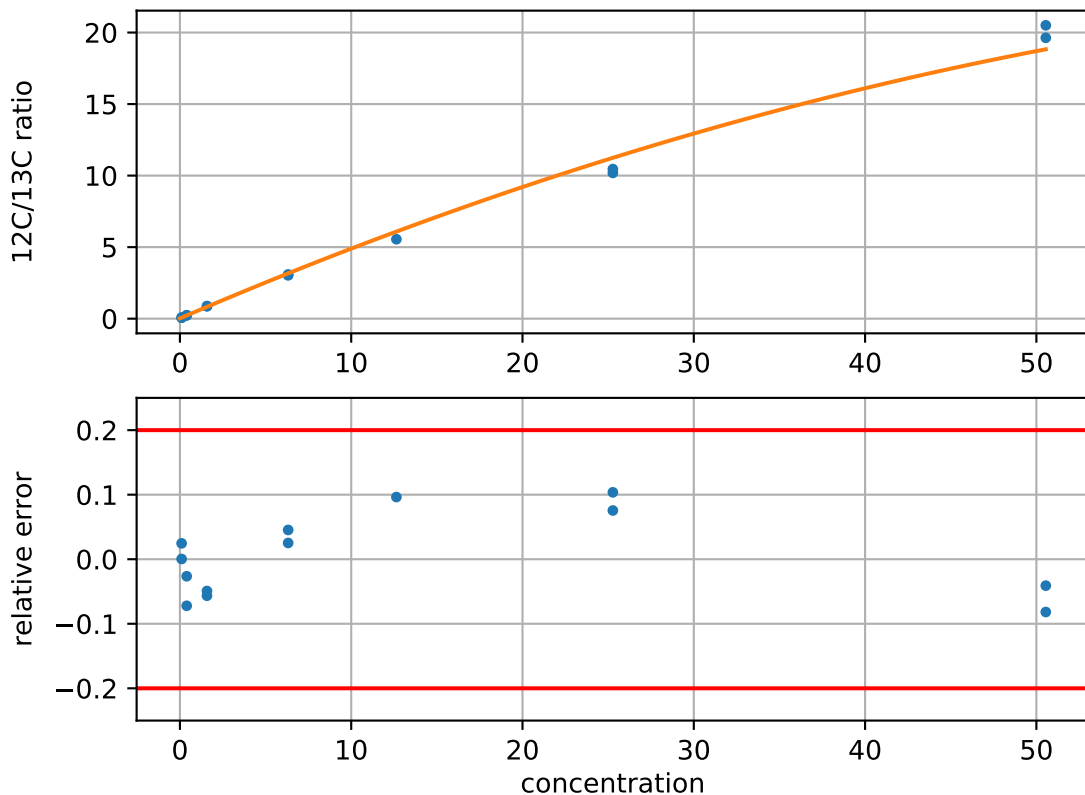
Glutamate (pass 1,  $R^2 = 0.999$ )



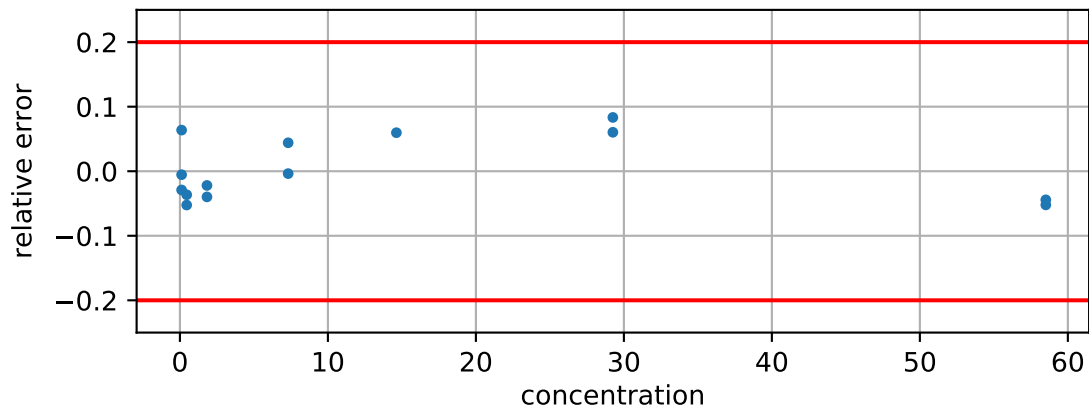
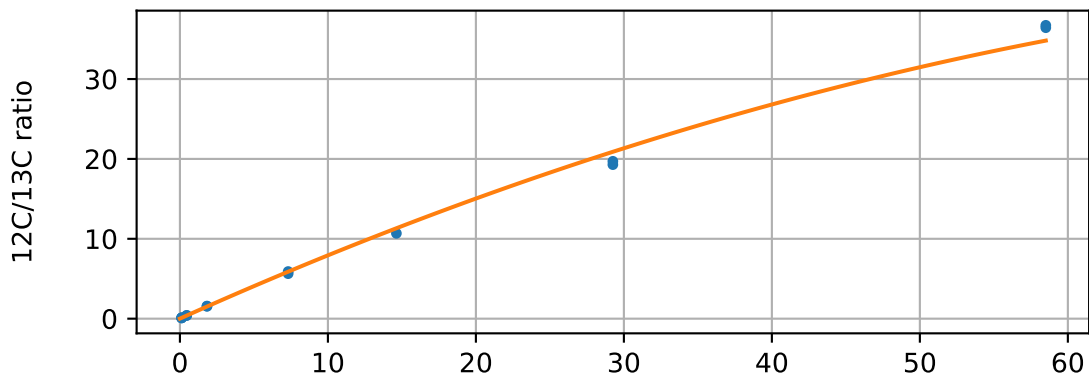
Proline (pass 1,  $R^2 = 0.999$ )



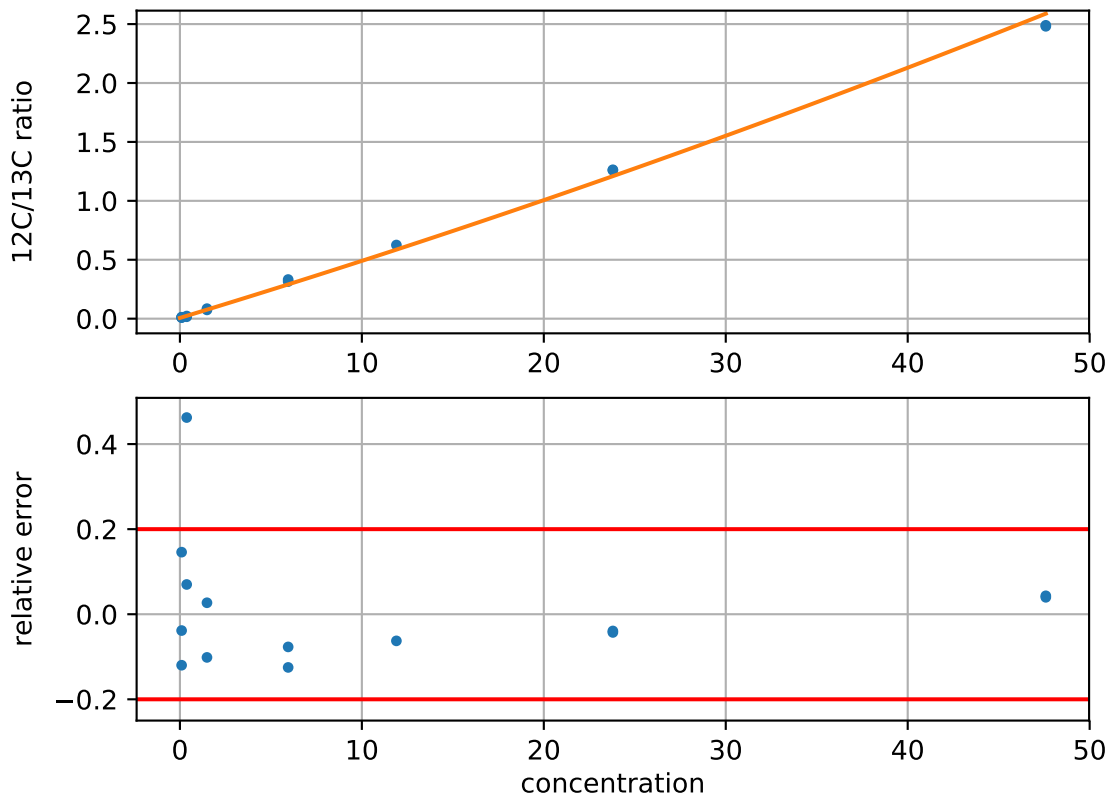
Proline (pass 2,  $R^2 = 0.999$ , excluding cal. sample #1)



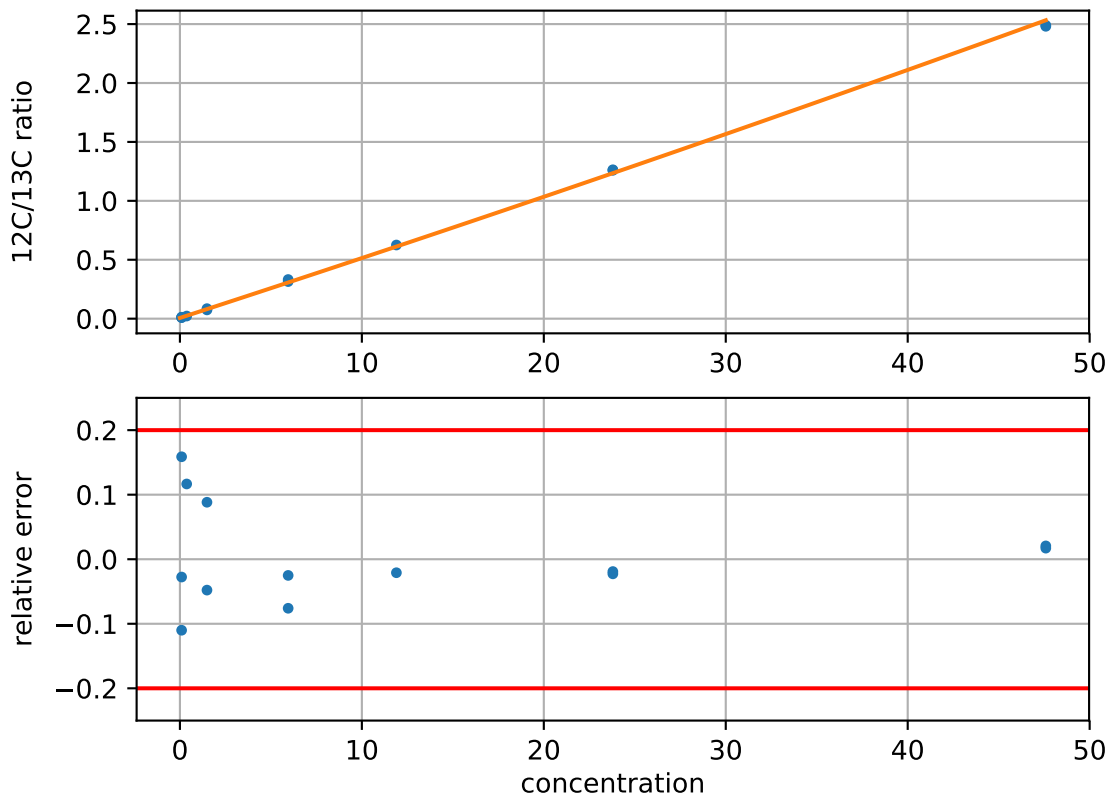
Methionine (pass 1,  $R^2 = 0.998$ )



Alanine (pass 1,  $R^2 = 1.0$ )

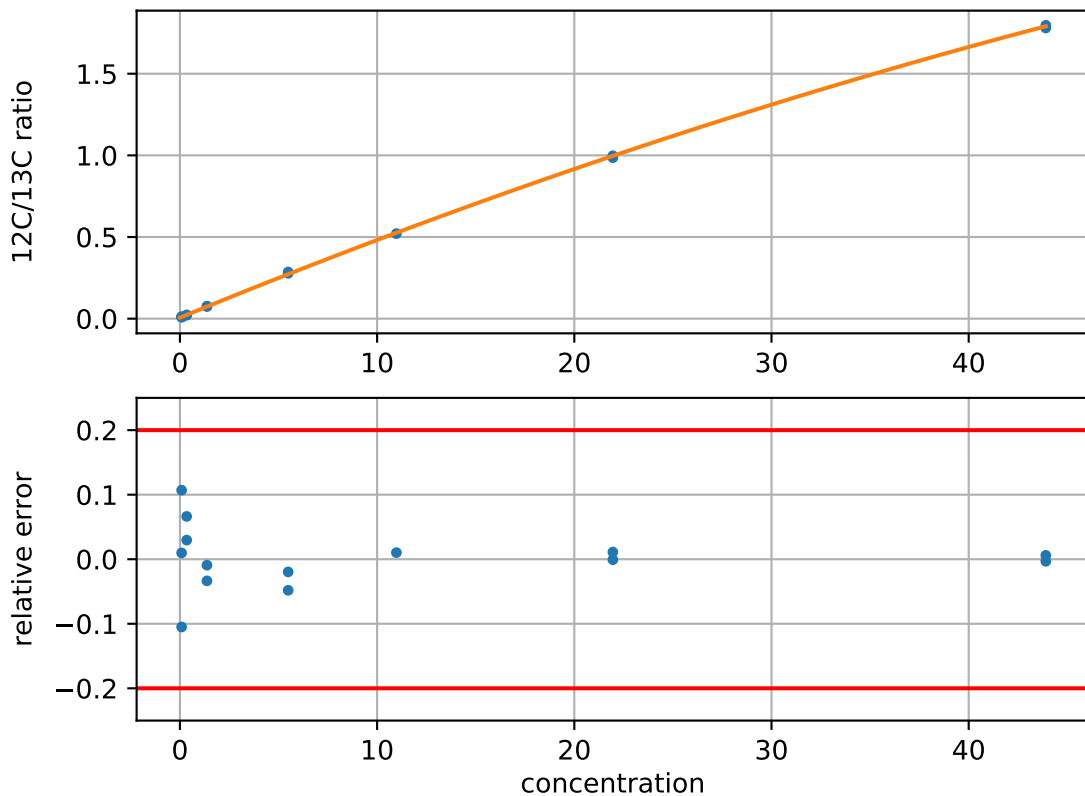


Alanine (pass 2,  $R^2 = 1.0$ , excluding cal. sample #3)



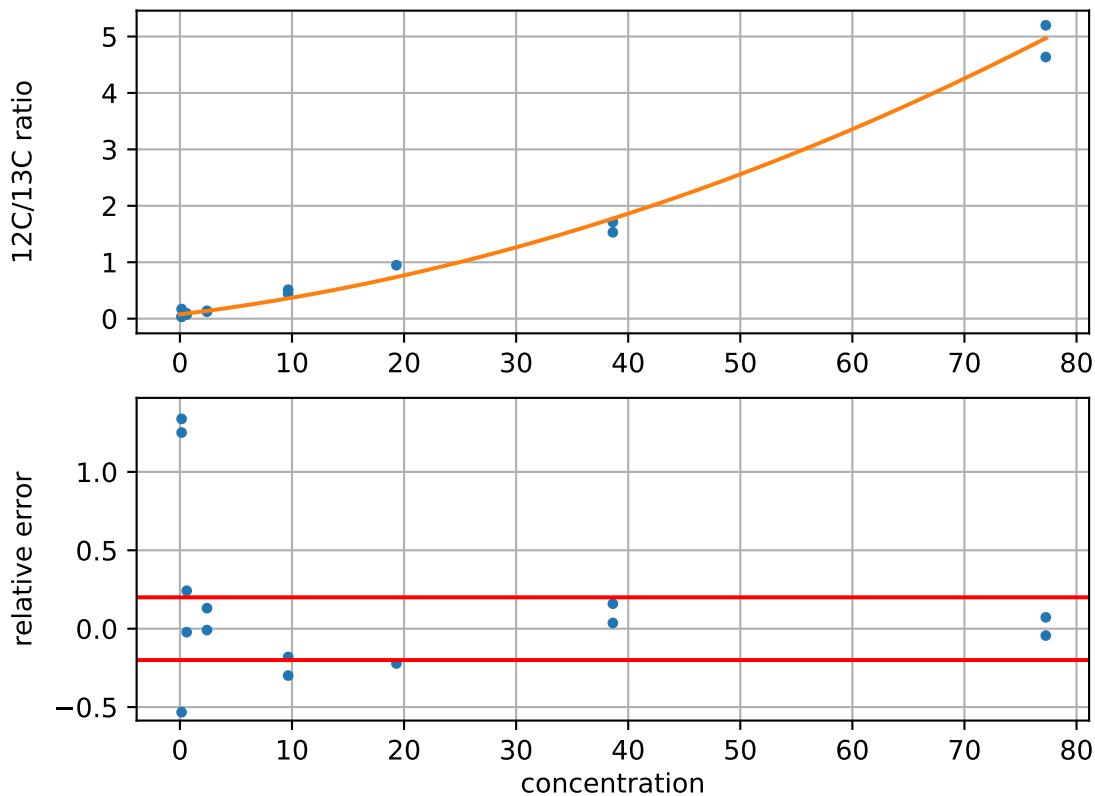
GSH - no calibration data

Leucine (pass 1,  $R^2 = 0.997$ )

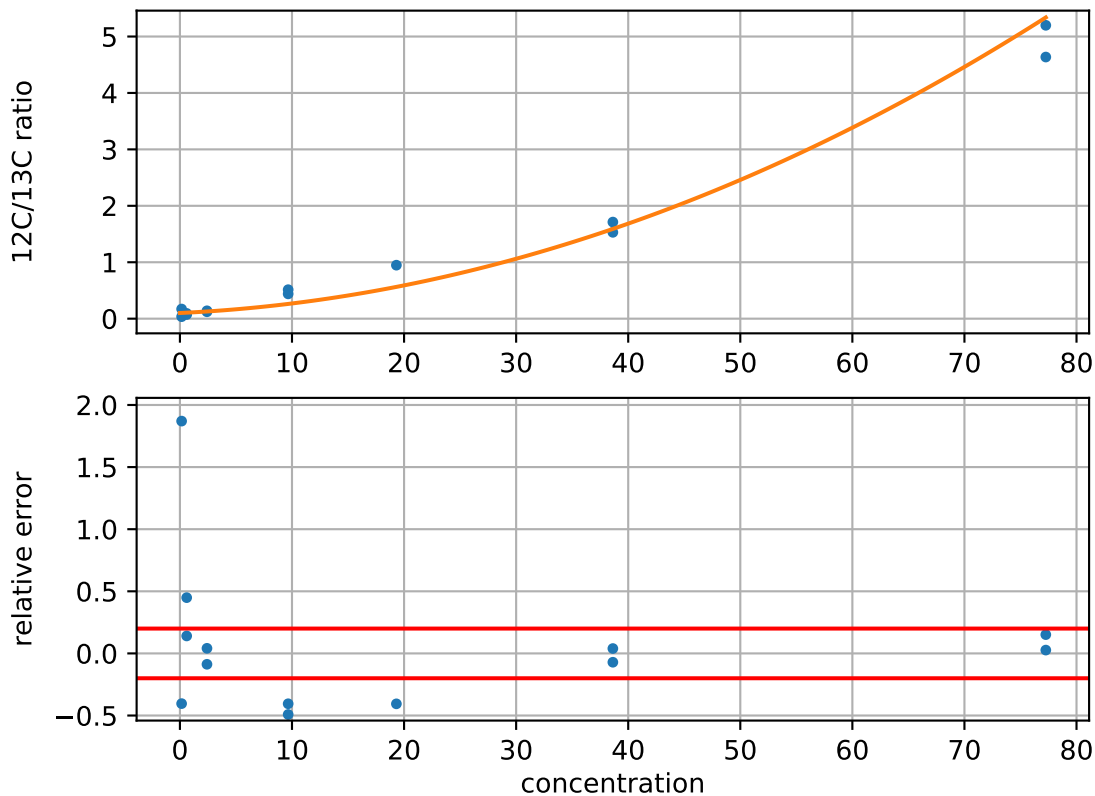




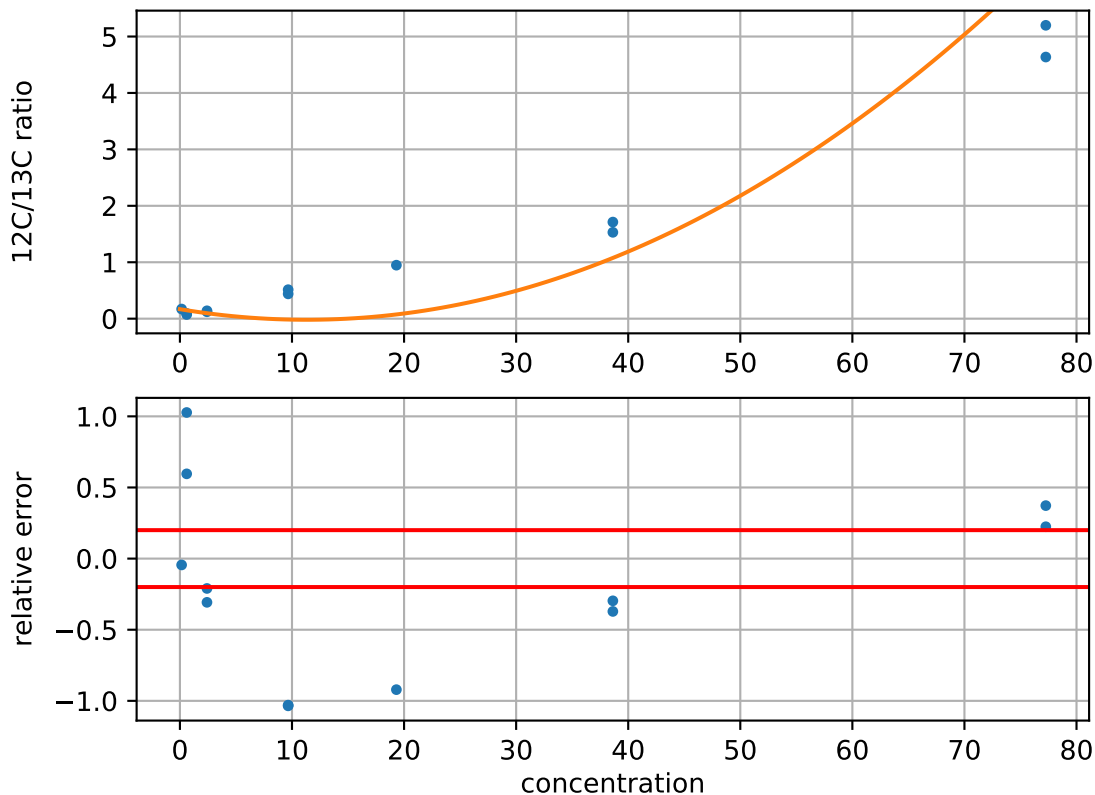
Glycine (pass 1,  $R^2 = 0.965$ )



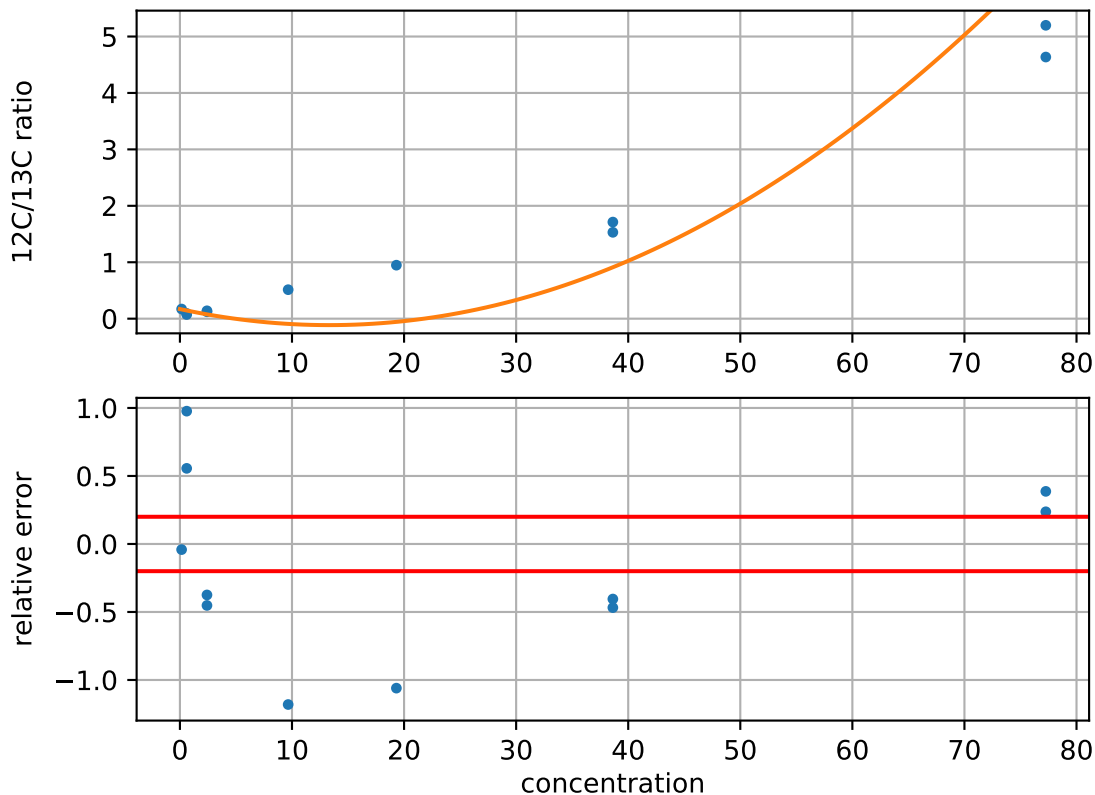
Glycine (pass 2,  $R^2 = 0.964$ , excluding cal. sample #2)



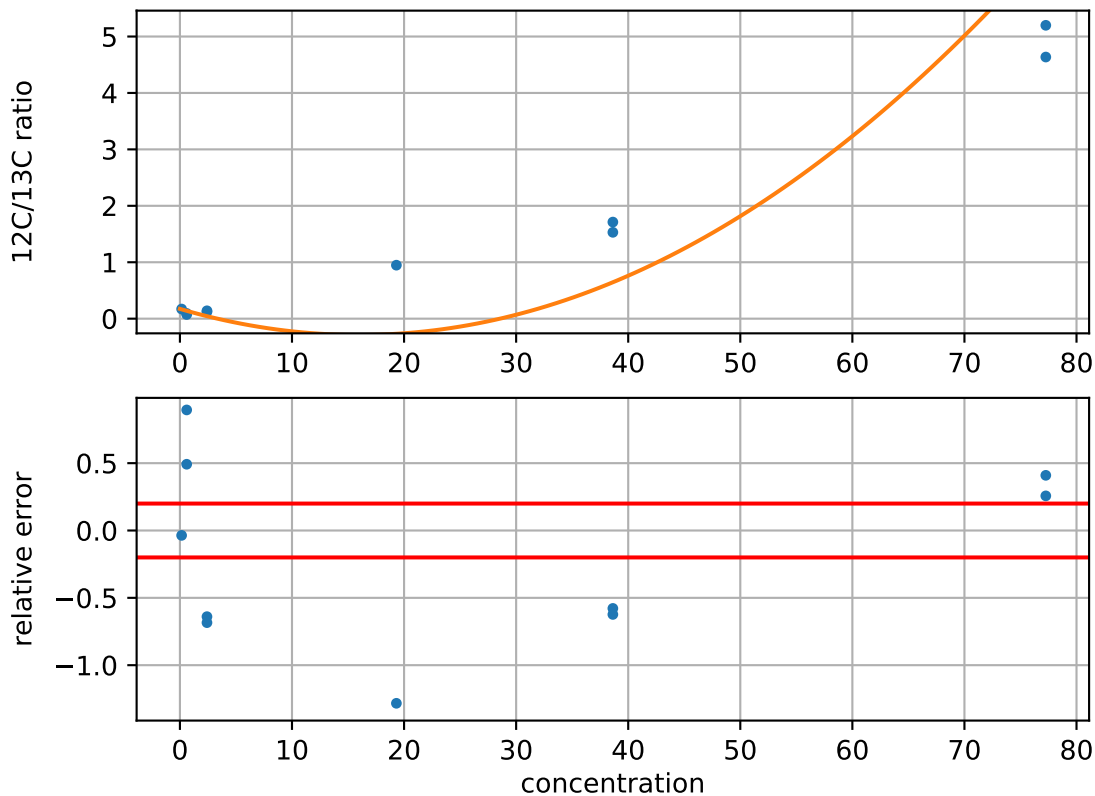
Glycine (pass 3,  $R^2 = 0.963$ , excluding cal. sample #1)



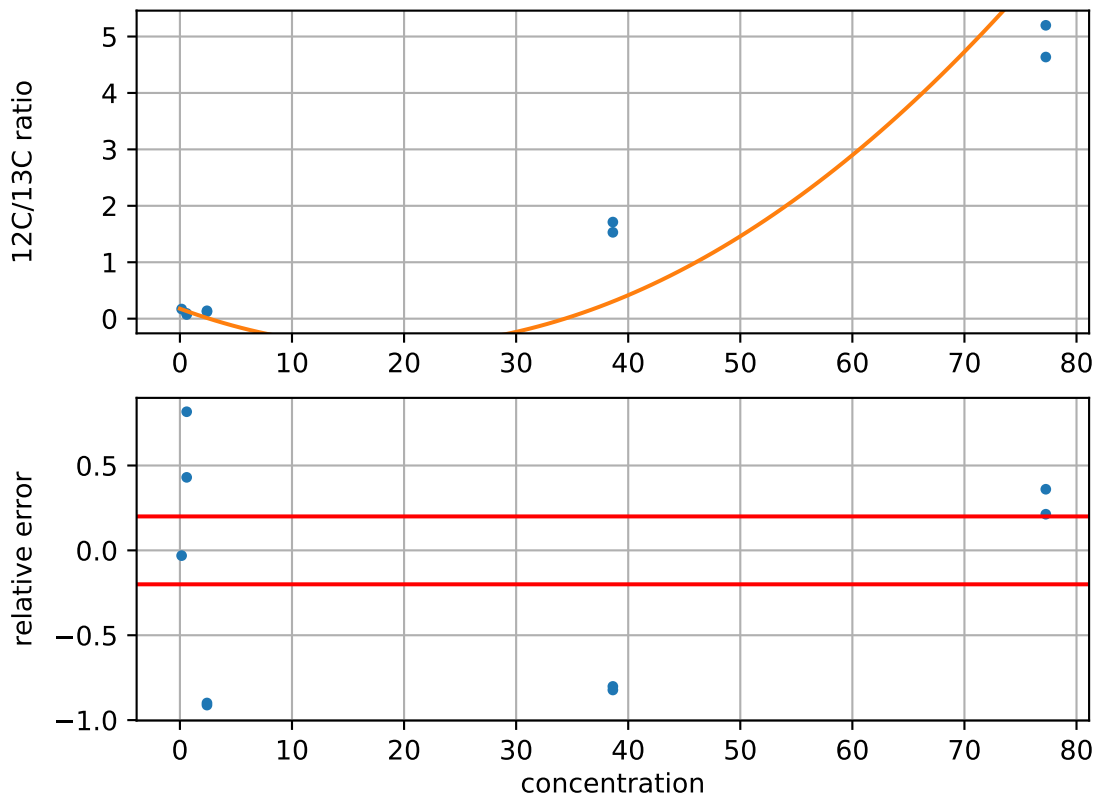
Glycine (pass 4,  $R^2 = 0.962$ , excluding cal. sample #12)



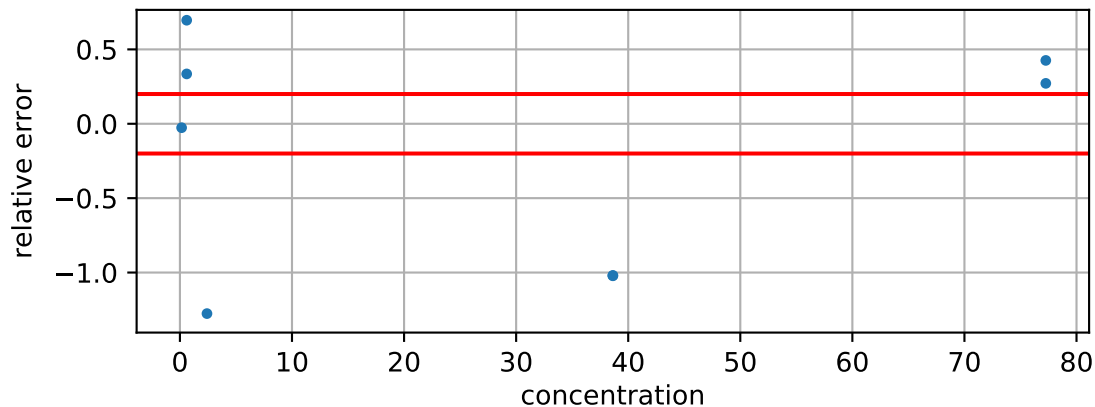
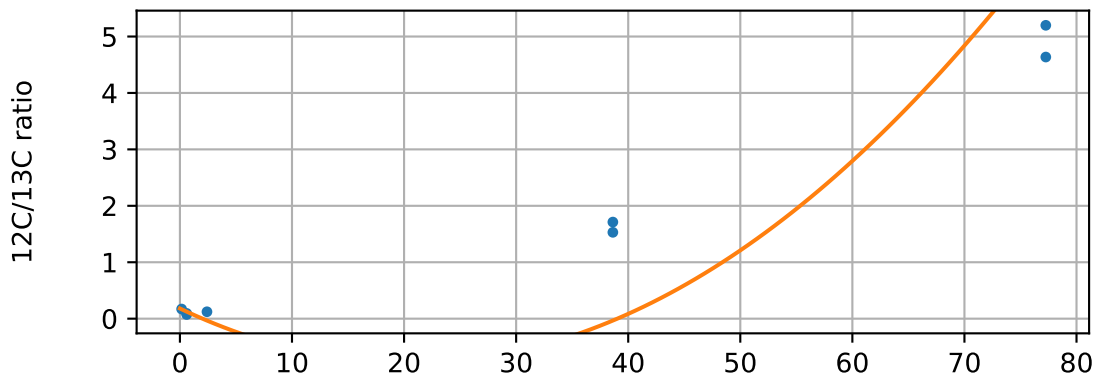
Glycine (pass 5,  $R^2 = 0.961$ , excluding cal. sample #5)



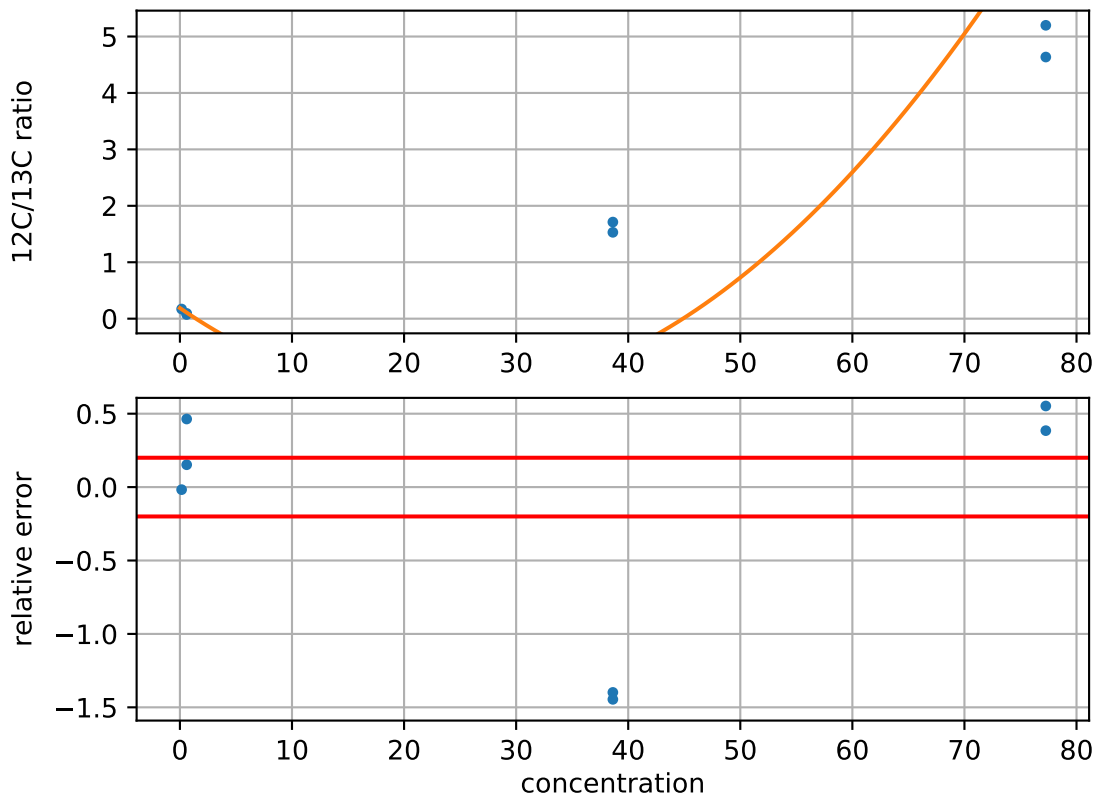
Glycine (pass 6,  $R^2 = 0.961$ , excluding cal. sample #6)



Glycine (pass 7,  $R^2 = 0.958$ , excluding cal. sample #4)

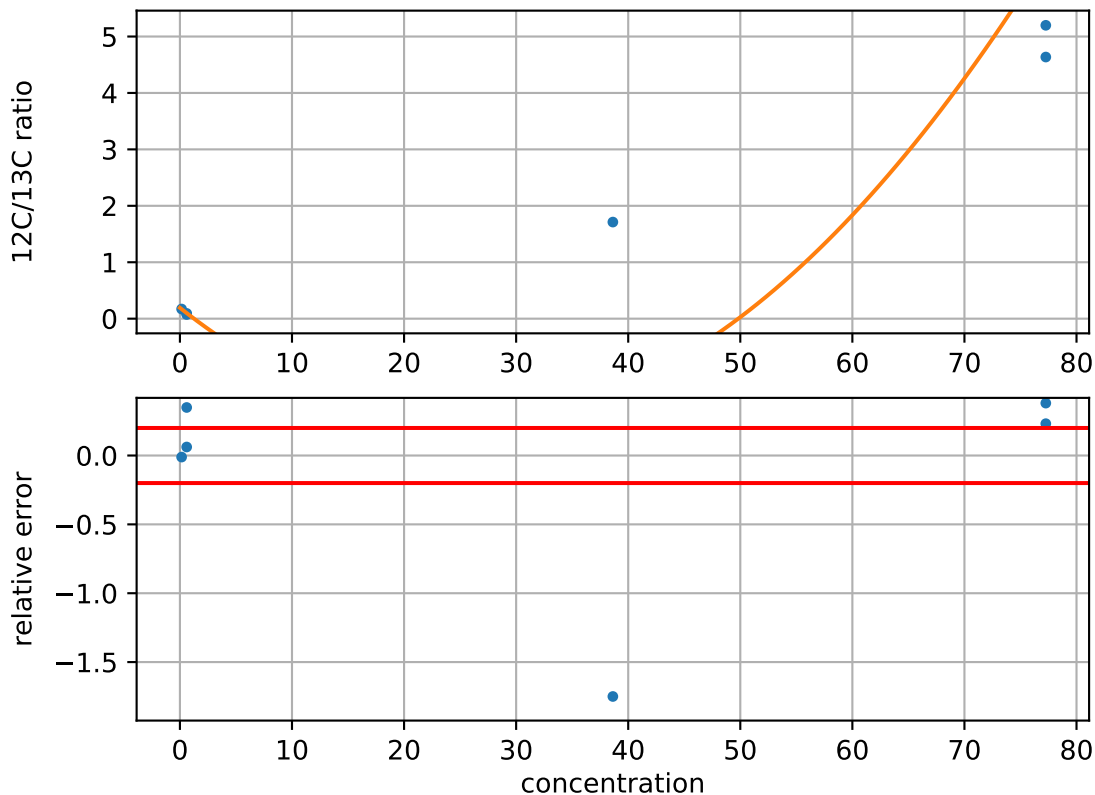


Glycine (pass 8,  $R^2 = 0.955$ , excluding cal. sample #11)

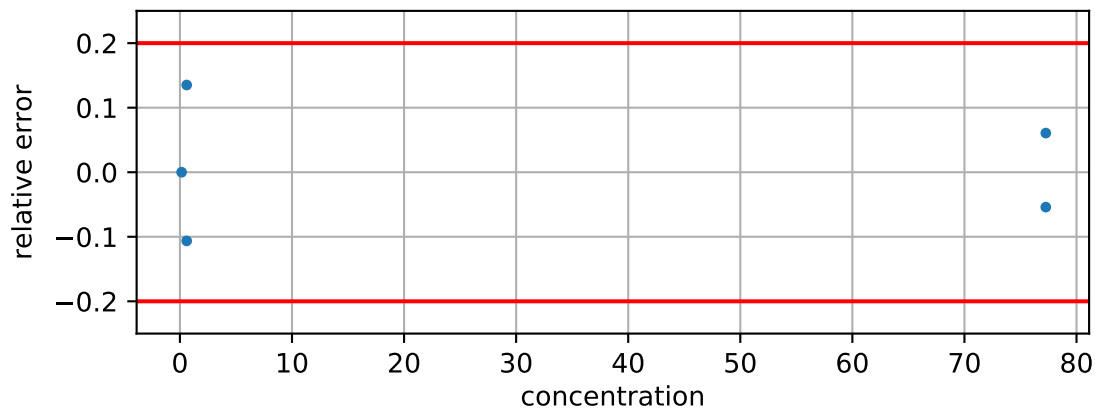
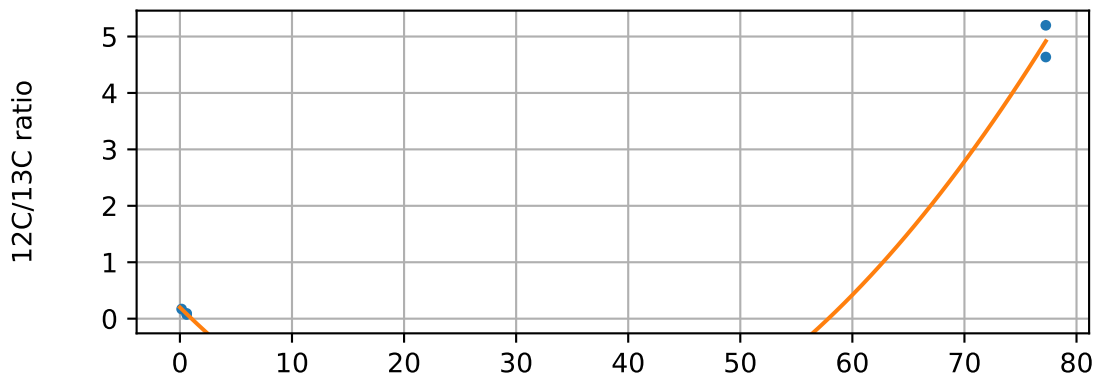




Glycine (pass 9,  $R^2 = 0.976$ , excluding cal. sample #13)

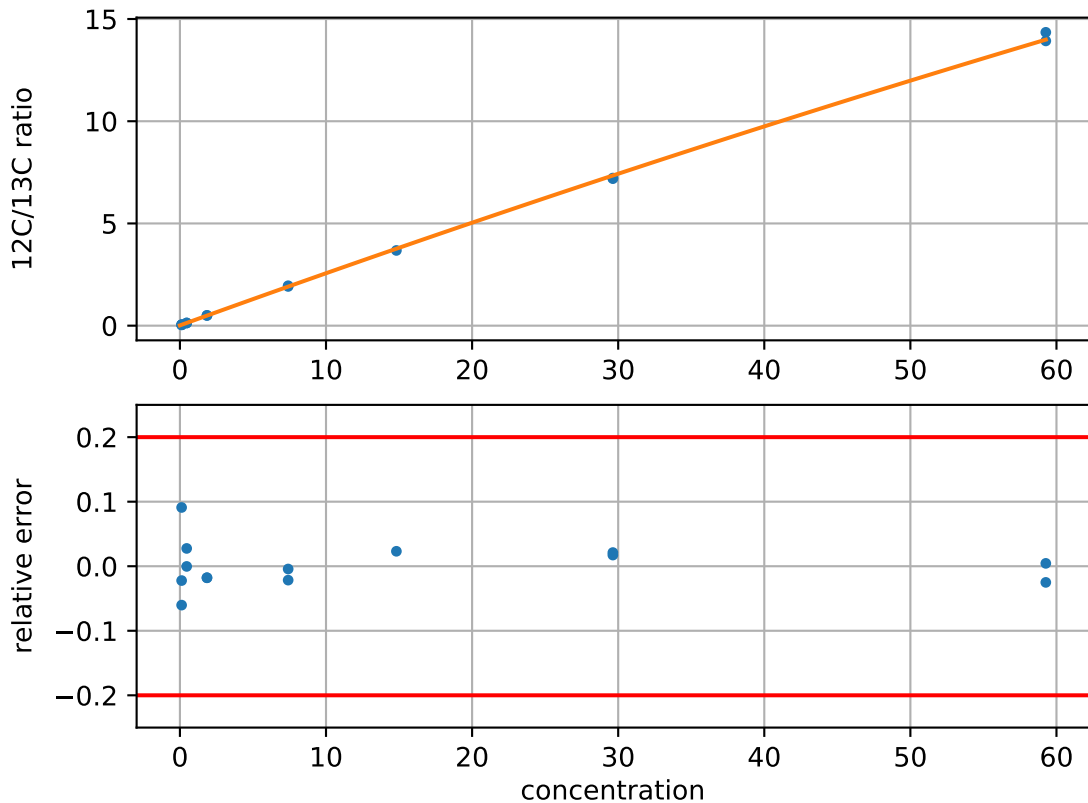


Glycine (pass 10,  $R^2 = 0.994$ , excluding cal. sample #7)

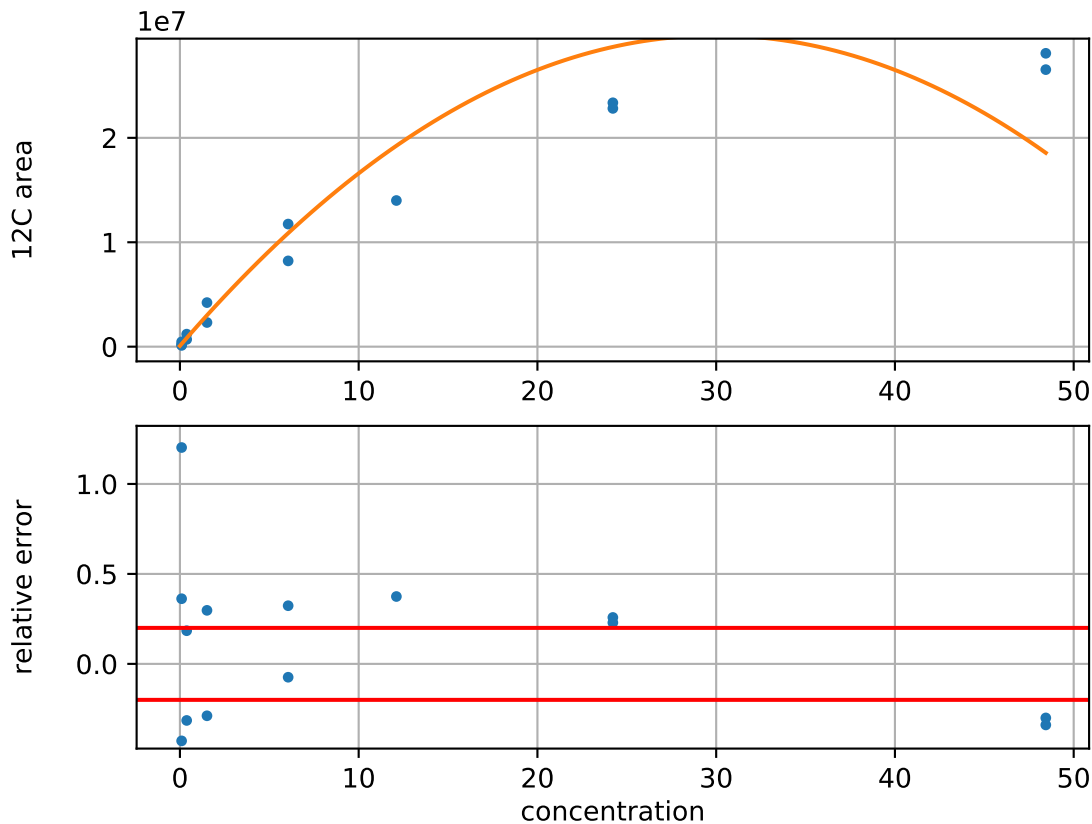


pyroglutamate - no calibration data

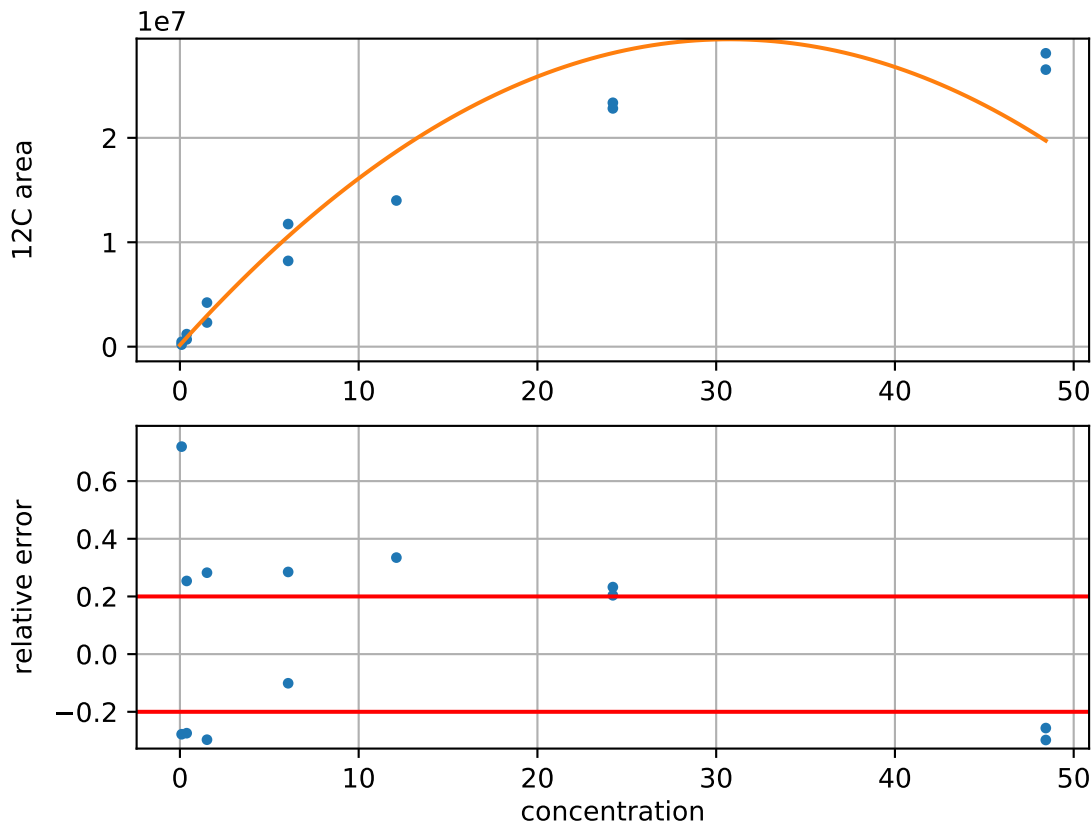
Threonine (pass 1,  $R^2 = 1.0$ )



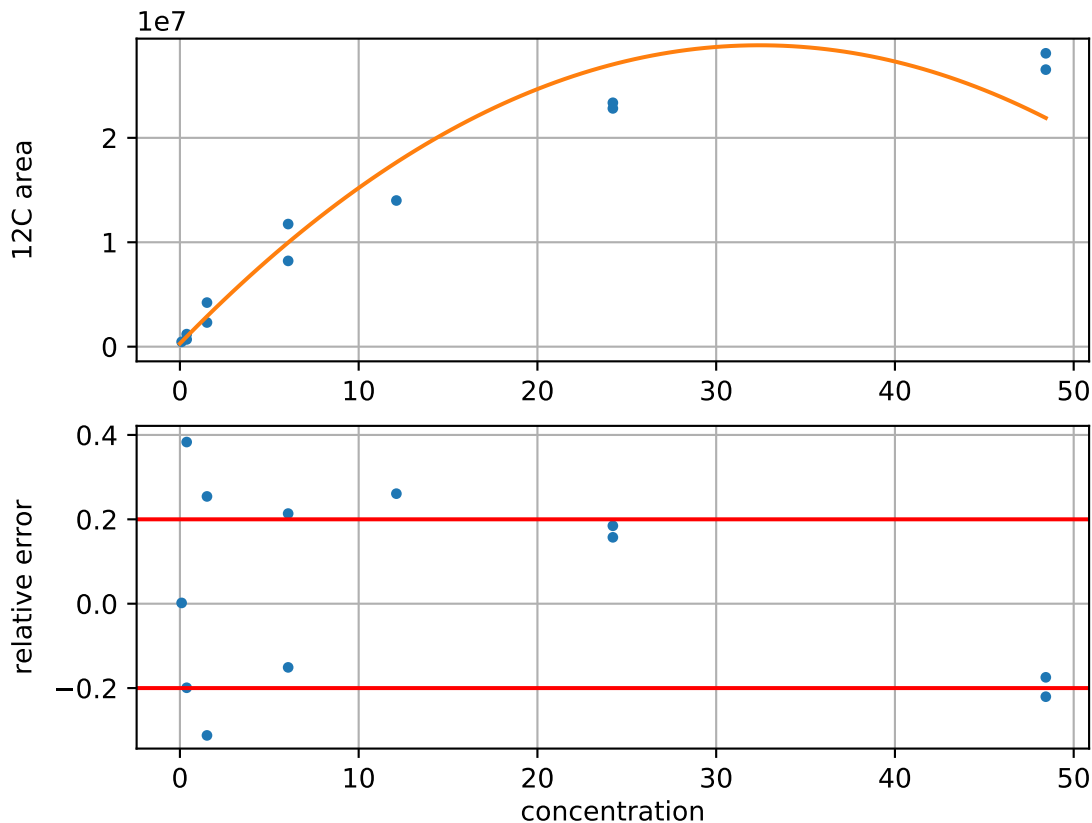
Asparagine (pass 1,  $R^2 = 0.877$ )



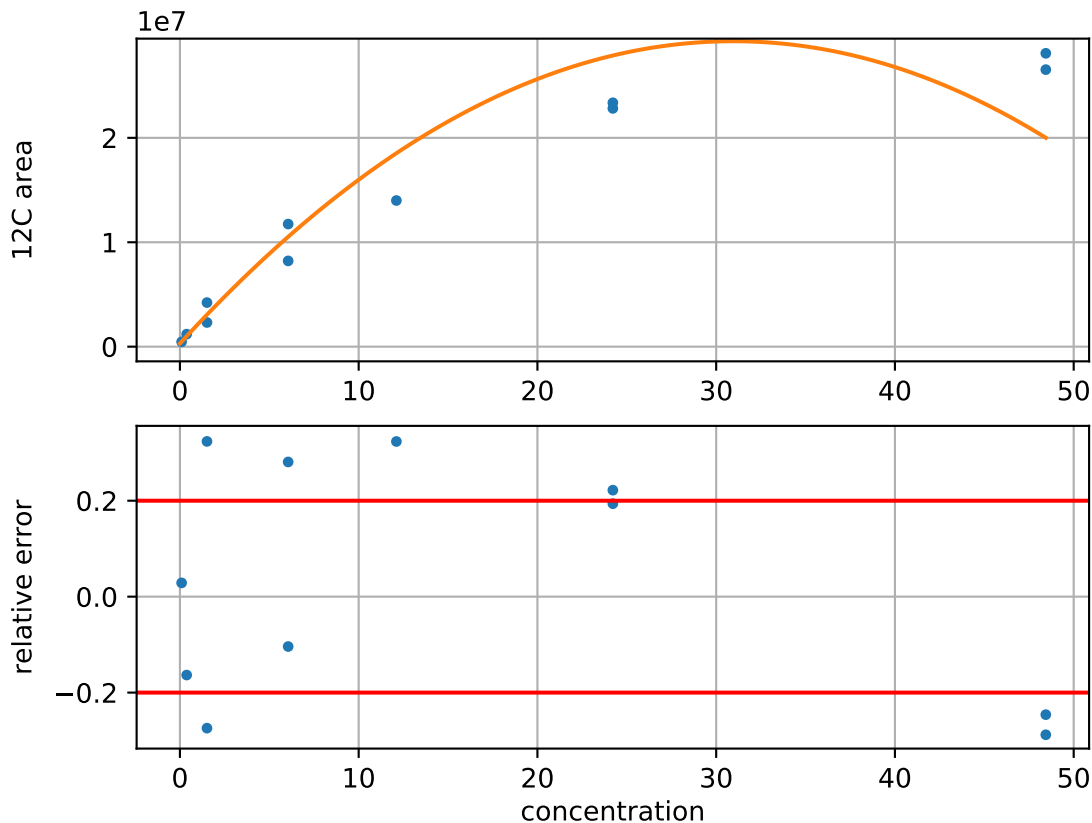
# Asparagine (pass 2, $R^2 = 0.874$ , excluding cal. sample #9)



Asparagine (pass 3,  $R^2 = 0.872$ , excluding cal. sample #1)

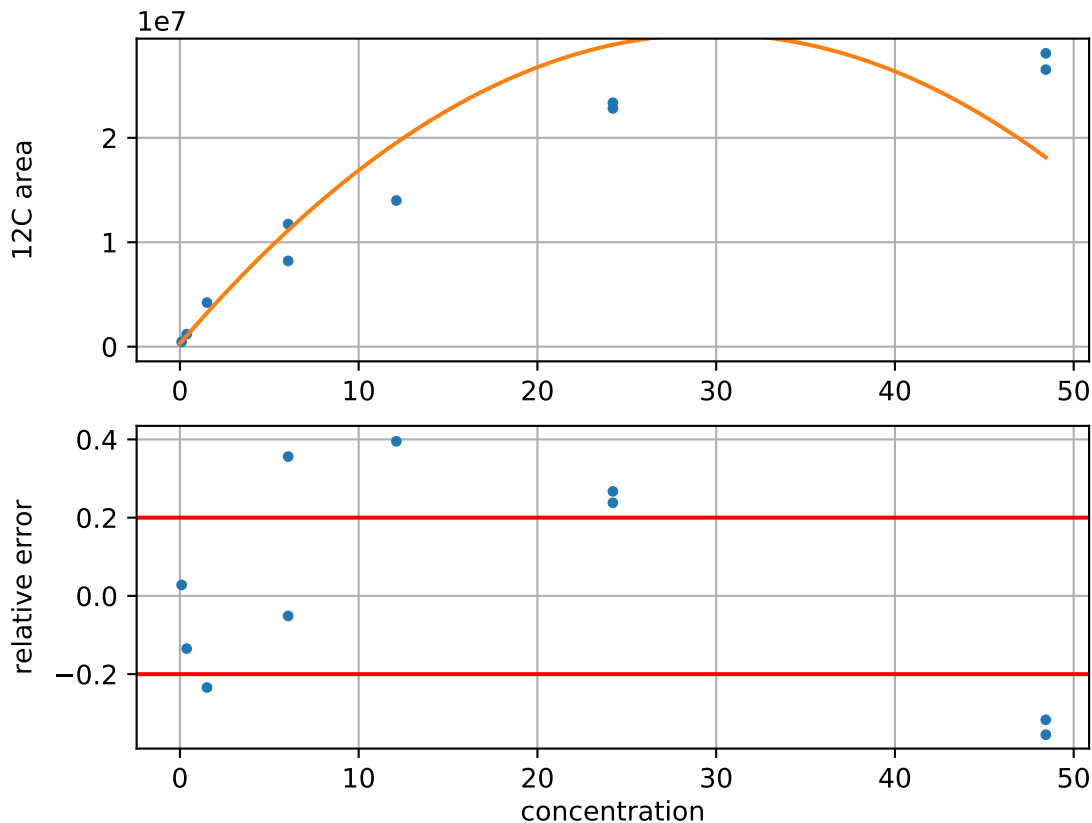


Asparagine (pass 4,  $R^2 = 0.868$ , excluding cal. sample #3)

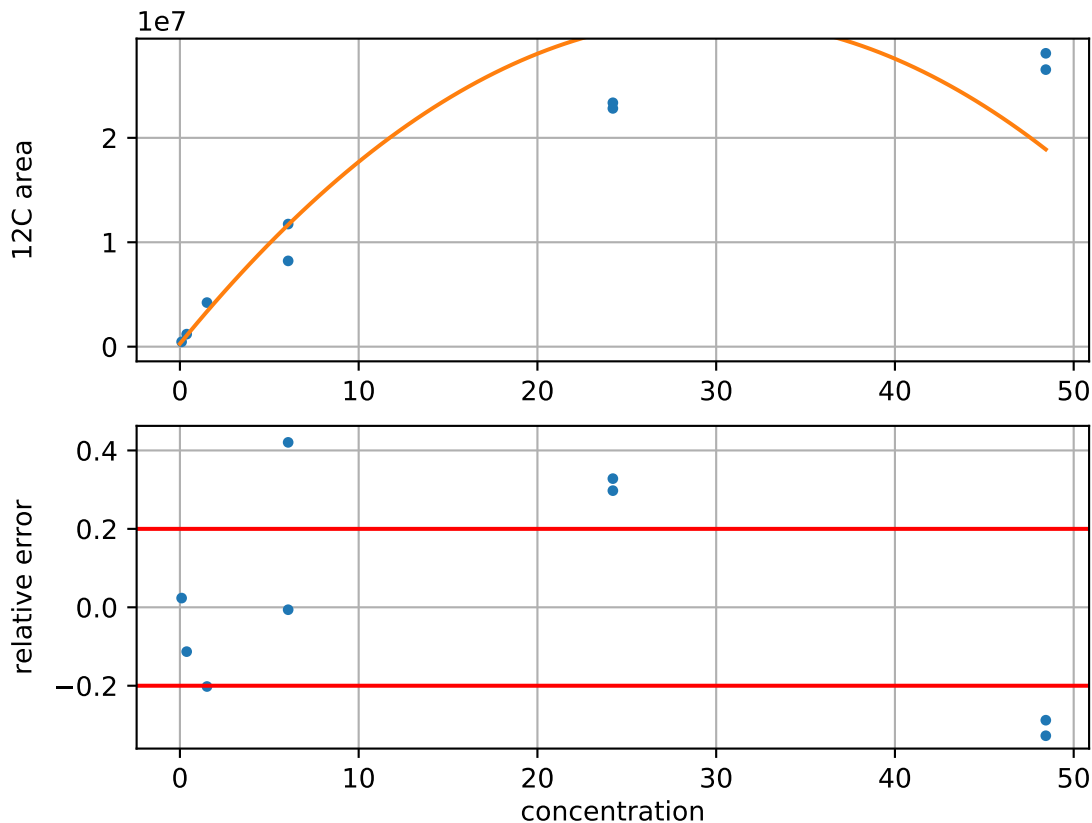




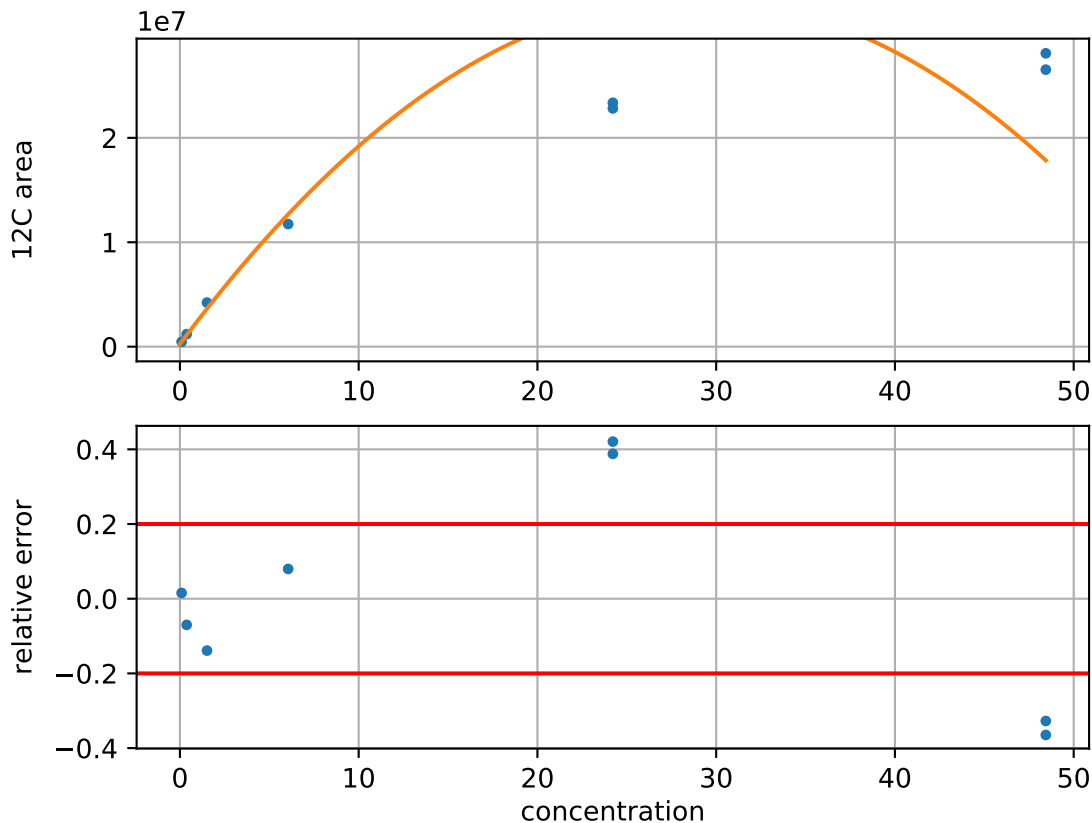
Asparagine (pass 5,  $R^2 = 0.863$ , excluding cal. sample #4)



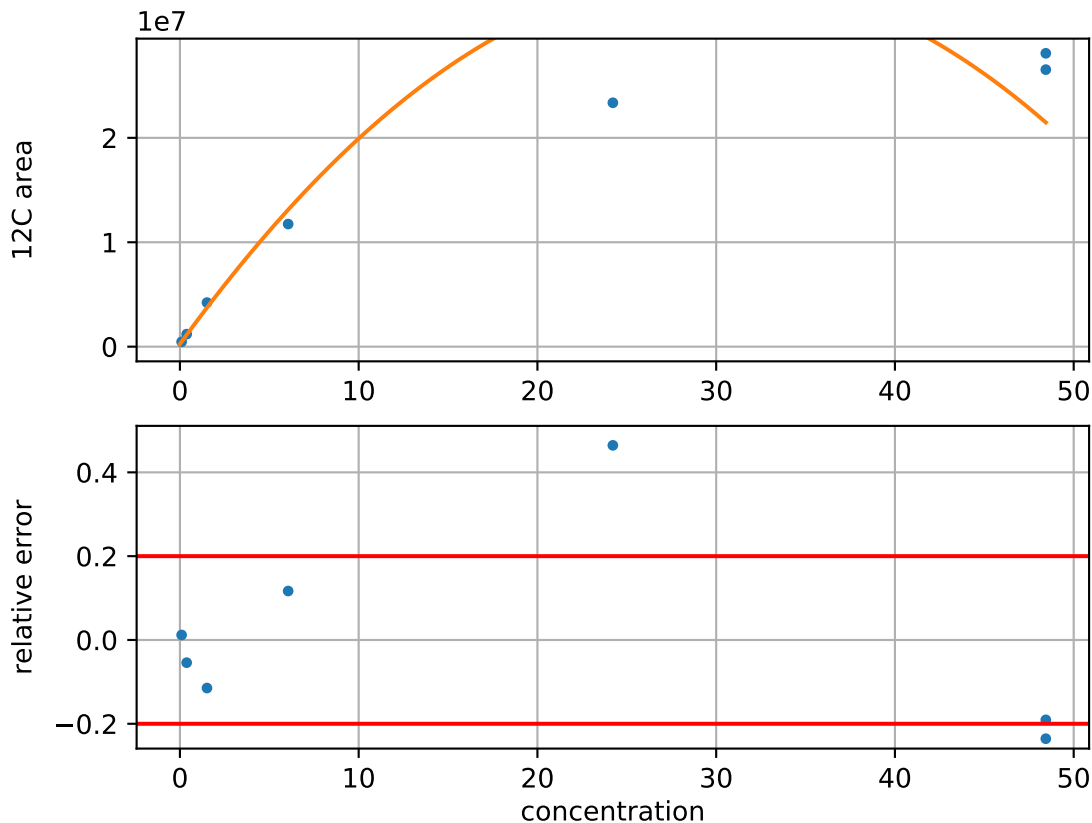
Asparagine (pass 6,  $R^2 = 0.87$ , excluding cal. sample #6)



Asparagine (pass 7,  $R^2 = 0.865$ , excluding cal. sample #5)



Asparagine (pass 8,  $R^2 = 0.891$ , excluding cal. sample #13)



Asparagine (pass 9,  $R^2 = 0.943$ , excluding cal. sample #7)

