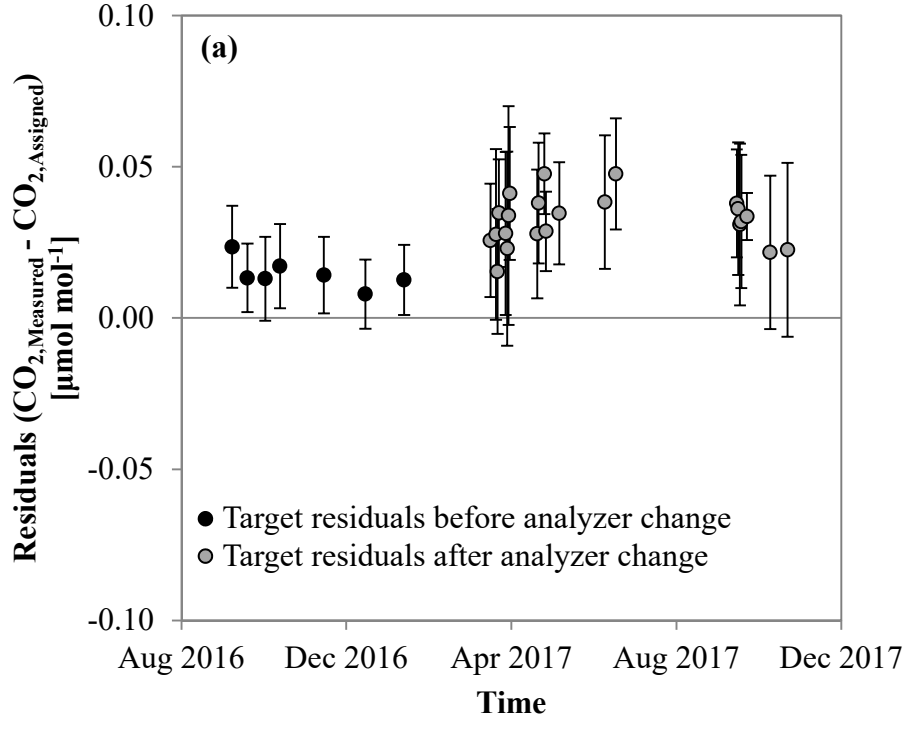
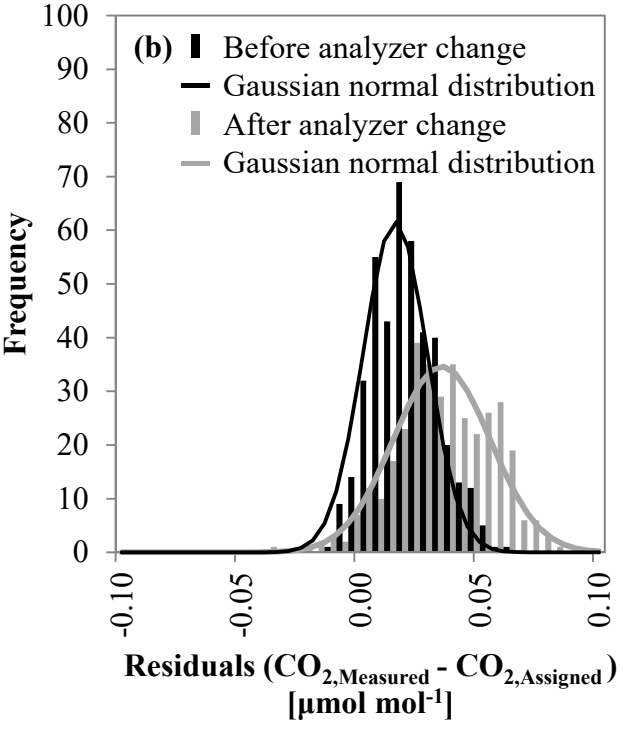

(a)
0.10
0.05
0.00
-0.05
-0.10
Residuals ($CO_{2,Measured}$ - $CO_{2,Assigned}$) [µmol mol^{-1}]
Target residuals before analyzer change
Target residuals after analyzer change
Aug 2016
Dec 2016
Apr 2017
Aug 2017
Dec 2017
Time


(b)
Before analyzer change
Gaussian normal distribution
After analyzer change
Gaussian normal distribution
Frequency
100
90
80
70
60
50
40
30
20
10
0
-0.10
-0.05
0.00
0.05
0.10
Residuals ($CO_{2,Measured}$ - $CO_{2,Assigned}$) [µmol mol^{-1}]