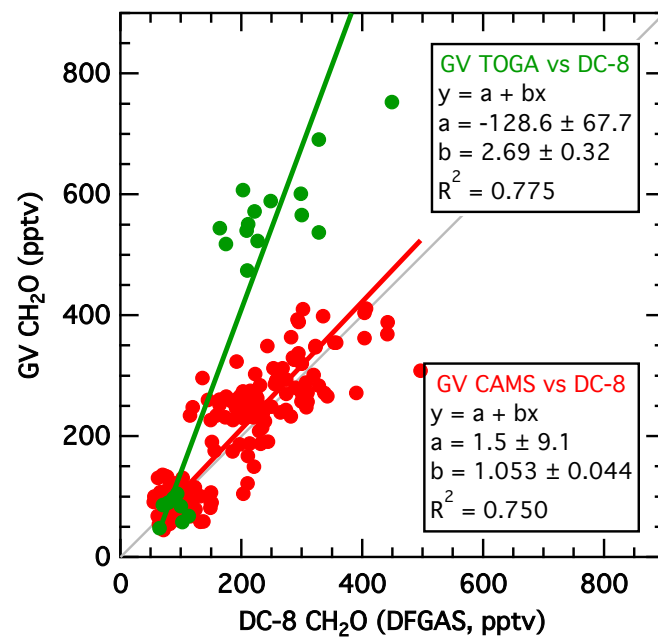
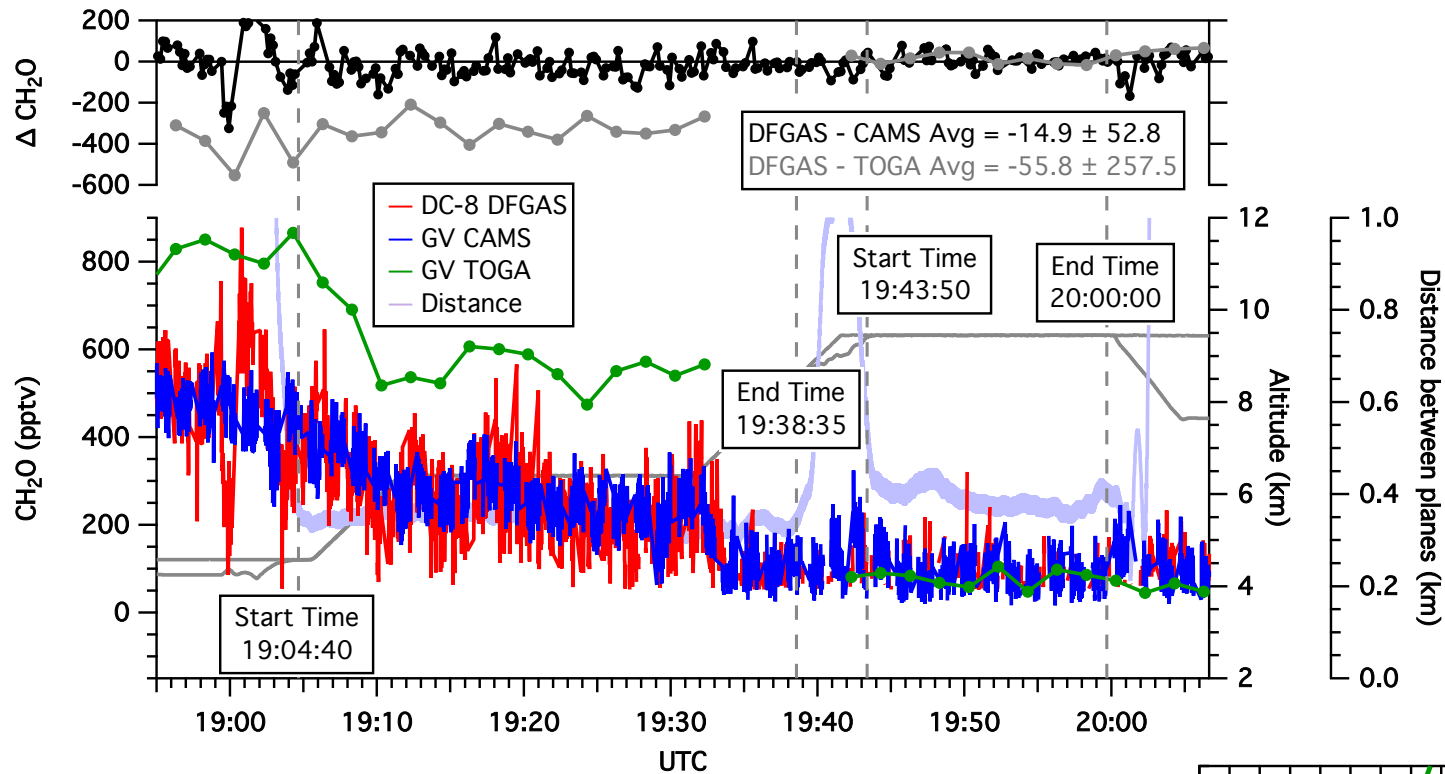
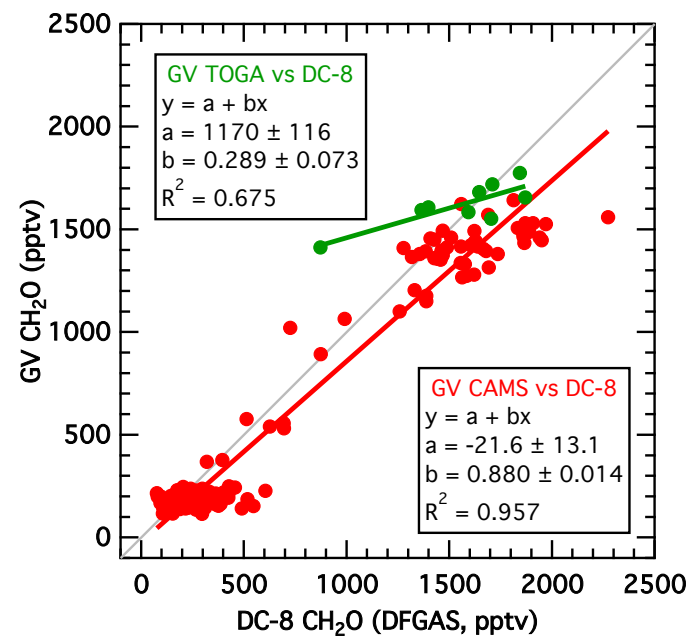
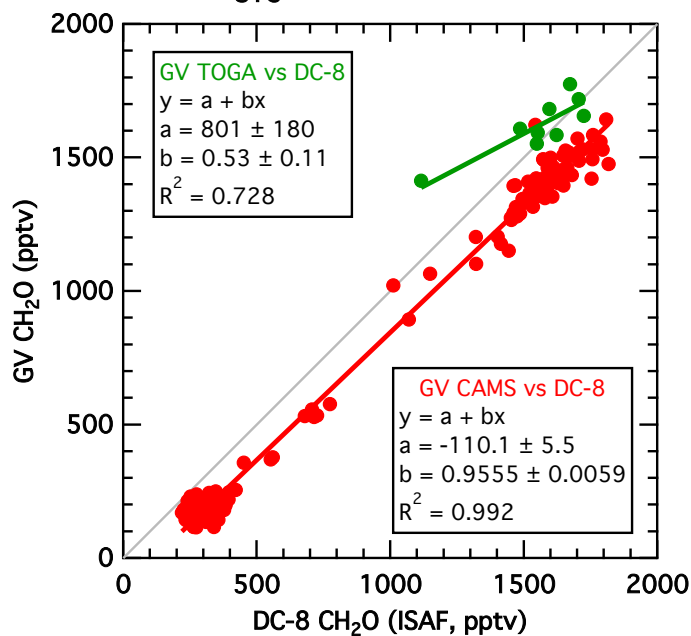
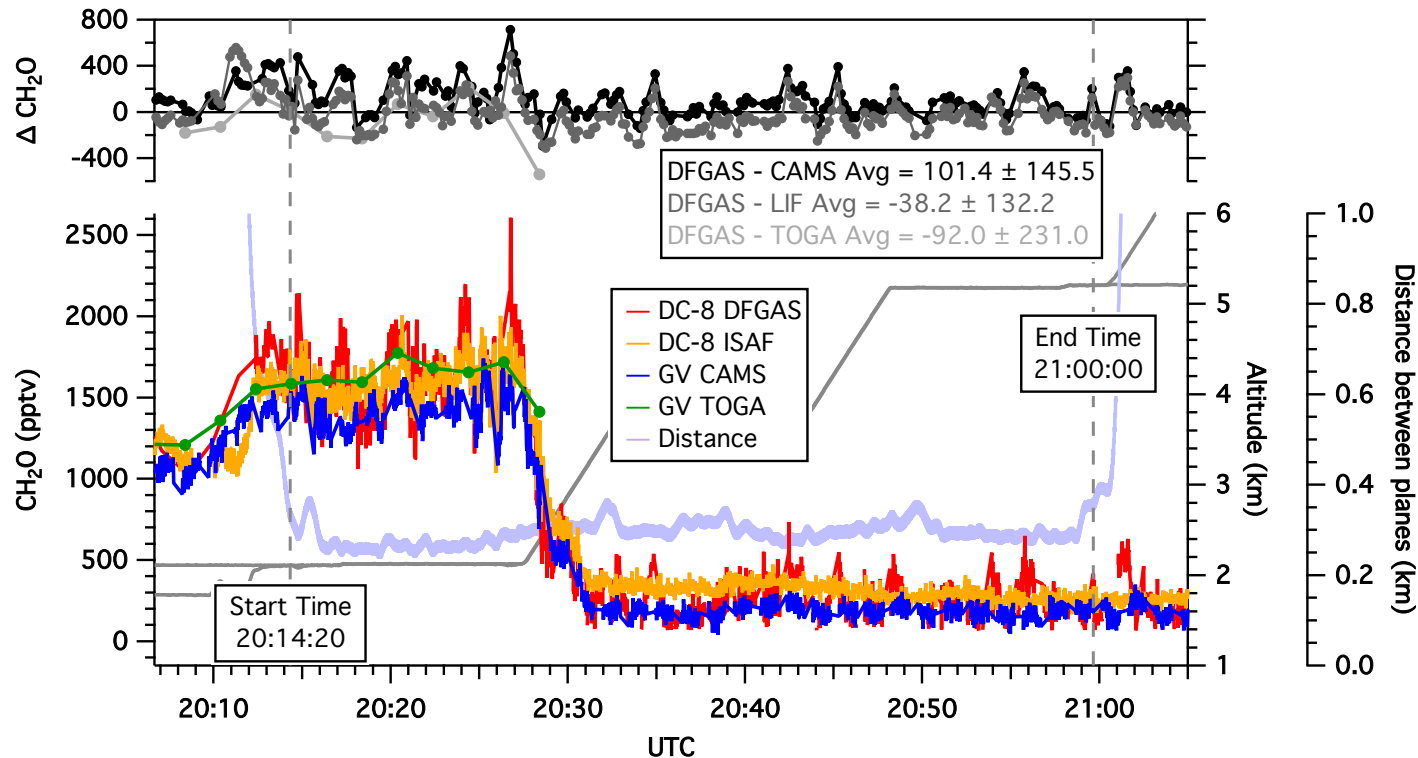


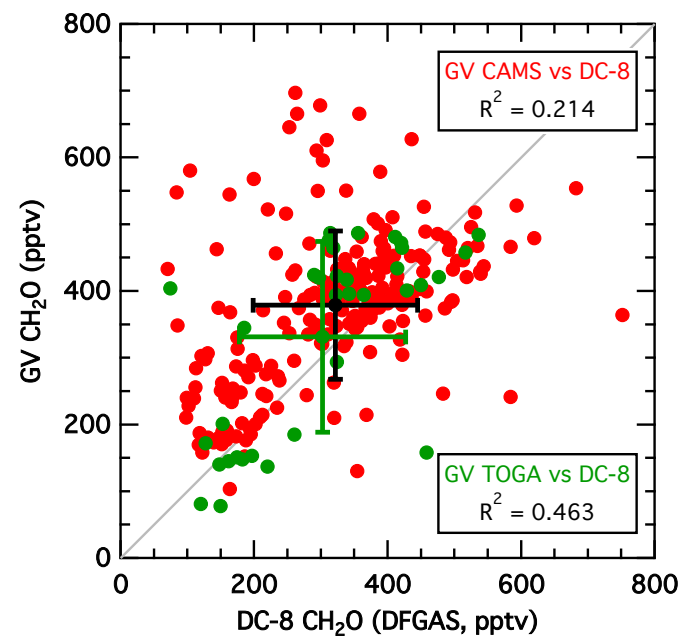
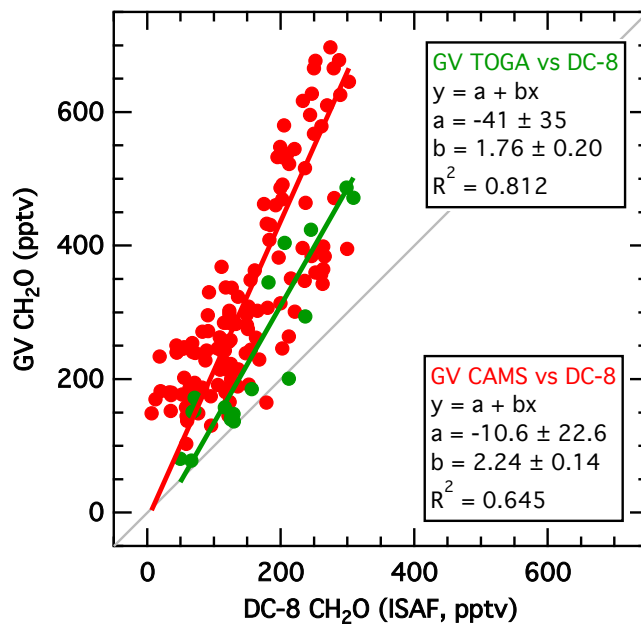
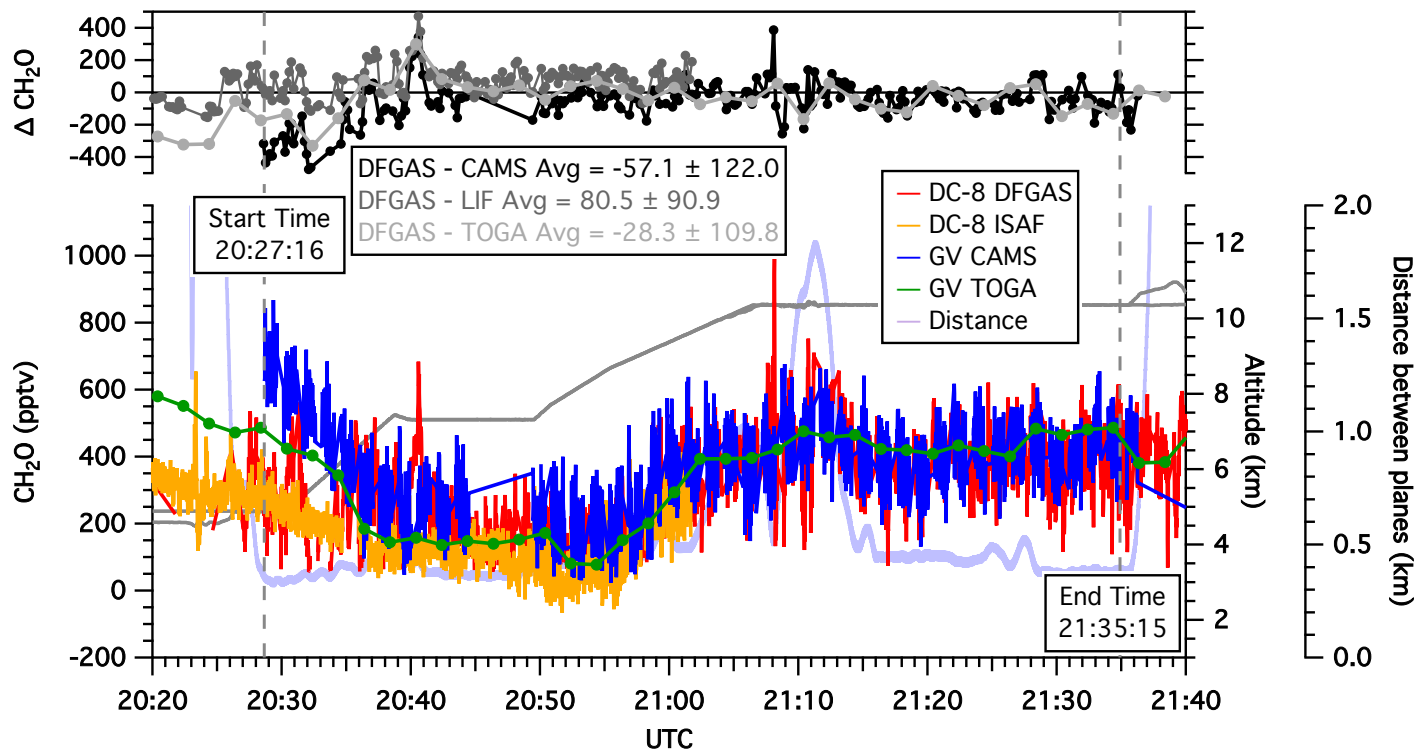
05/30/12



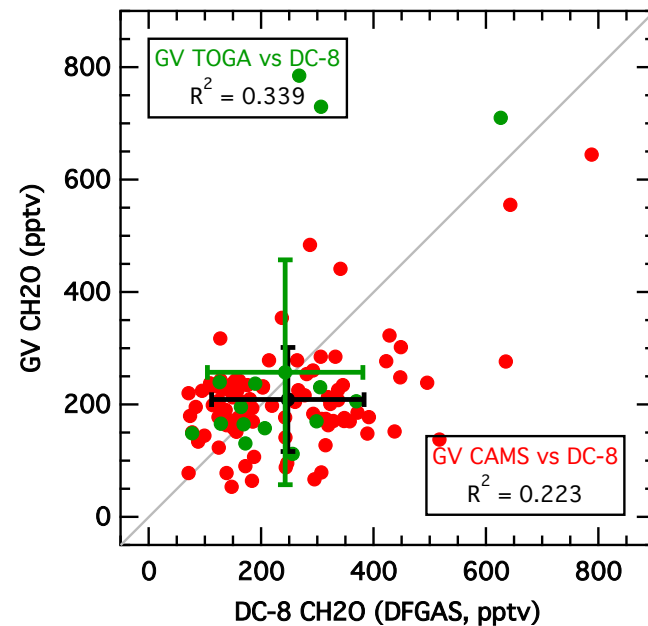
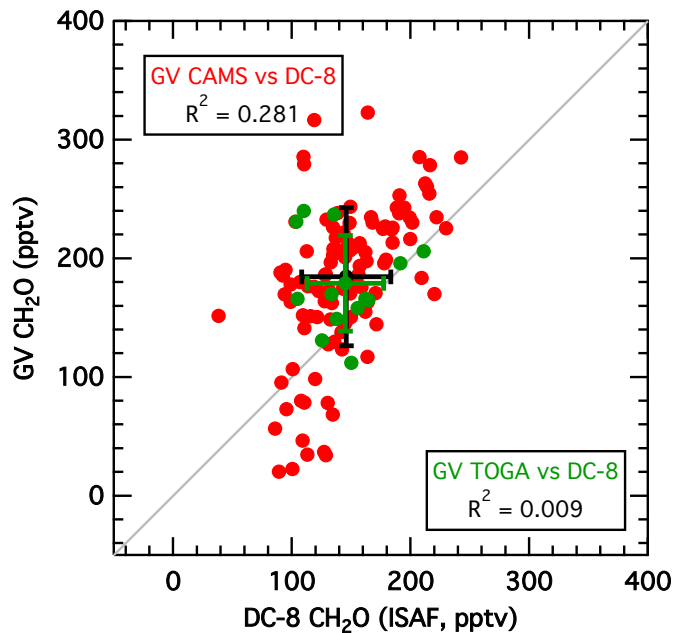
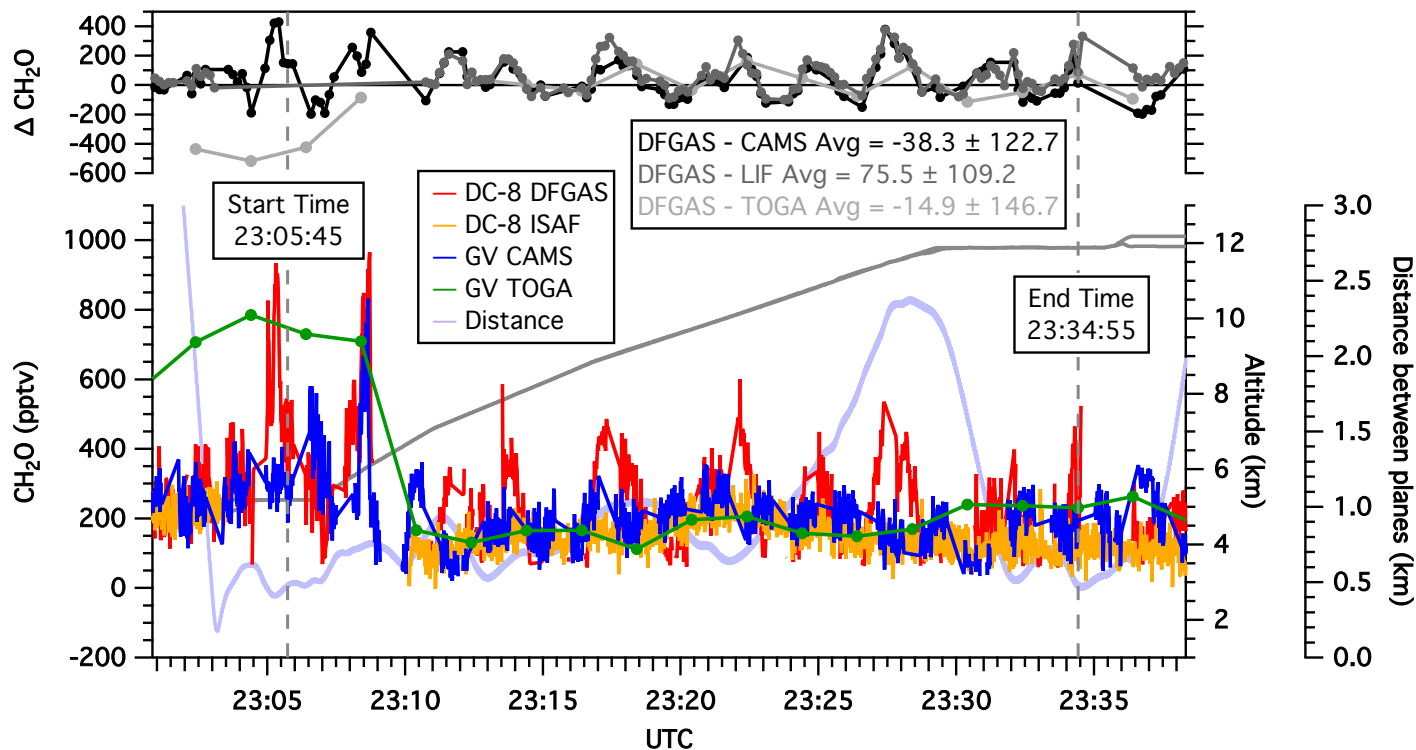
06/01/12



06/05/12



06/17/12



## Time Series Data

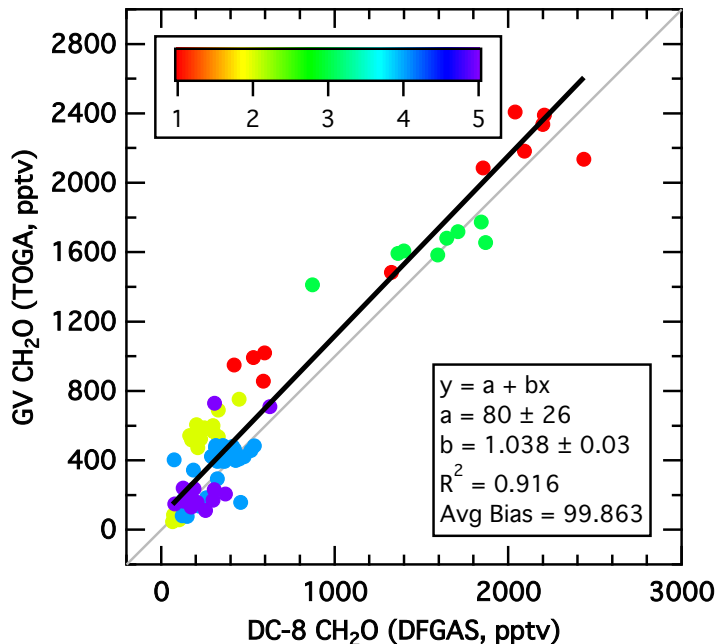
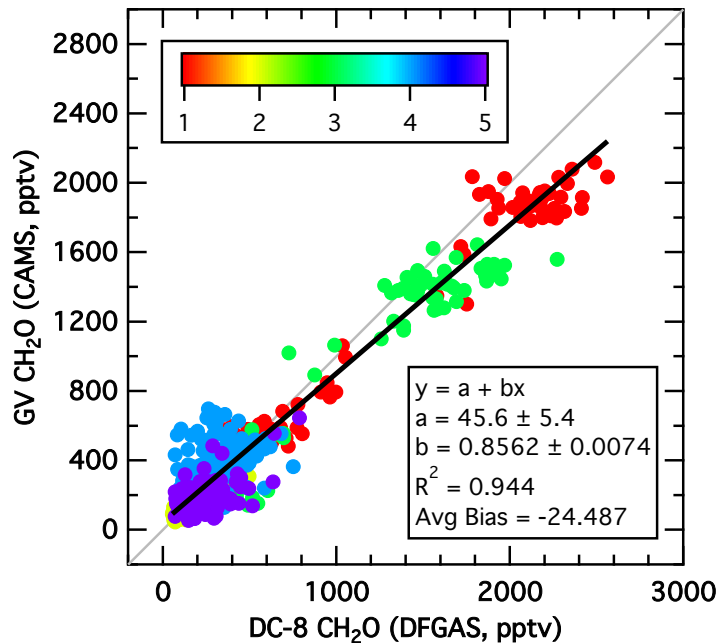
Comparison Date	DC-8 DFGAS	GV CAMS
05/25/12	DC3-CU-DFGAS-CH2O_DC8_20120525_R0.ict	DC3-CAMS-CH2O_GV_20120525_R1.ict
05/30/12	DC3-CU-DFGAS-CH2O_DC8_20120530_R0.ict	DC3-CAMS-CH2O_GV_20120530_R1.ict
06/01/12	DC3-CU-DFGAS-CH2O_DC8_20120601_R0.ict	DC3-CAMS-CH2O_GV_20120601_R1.ict
06/05/12	DC3-CU-DFGAS-CH2O_DC8_20120605_R0.ict	DC3-CAMS-CH2O_GV_20120605_R1.ict
06/17/12	DC3-CU-DFGAS-CH2O_DC8_20120617_R0.ict	DC3-CAMS-CH2O_GV_20120617_R1.ict

Comparison Date	DC-8 ISAF	GV TOGA
05/25/12		DC3-TOGA_GV_20120525_R2.ict
05/30/12		DC3-TOGA_GV_20120530_R2.ict
06/01/12	DC3-ISAF-H2CO_DC8_20120601_R1.ict	DC3-TOGA_GV_20120601_R2.ict
06/05/12	DC3-ISAF-H2CO_DC8_20120605_R1.ict	DC3-TOGA_GV_20120605_R2.ict
06/17/12	DC3-ISAF-H2CO_DC8_20120617_R1.ict	DC3-TOGA_GV_20120617_R2.ict

## Correlation Data

- Merged DC-8 DFGAS, DC-8 ISAF, and GV CAMS to 10-second time step.
- Merged DC-8 DFGAS and DC-8 ISAF to GV TOGA time step.
- Fit lines are derived from orthogonal distance regressions.
- $R^2$  values are calculated independently, not from orthogonal distance regression.
- Average and standard deviation are calculated over the comparison time frame.

## 5 Day Comparison



- Numbers on Colorbar correspond to the 5 intercomparison days

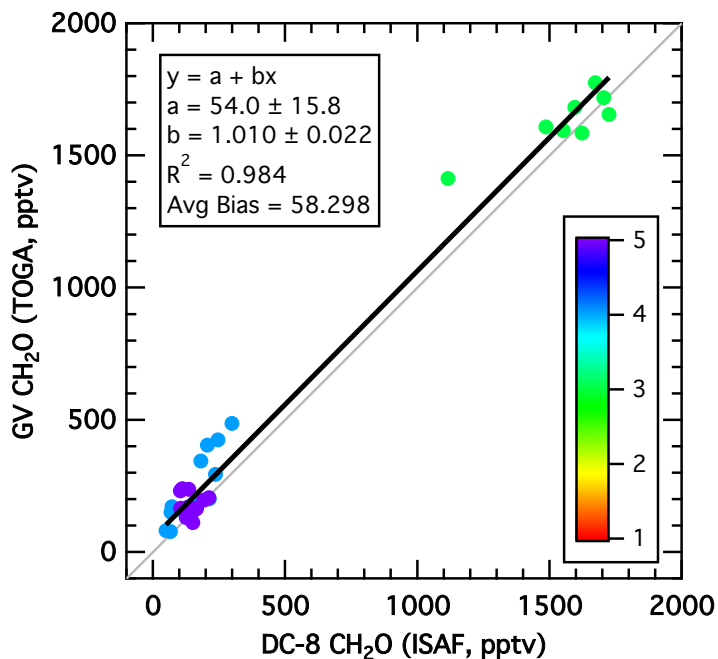
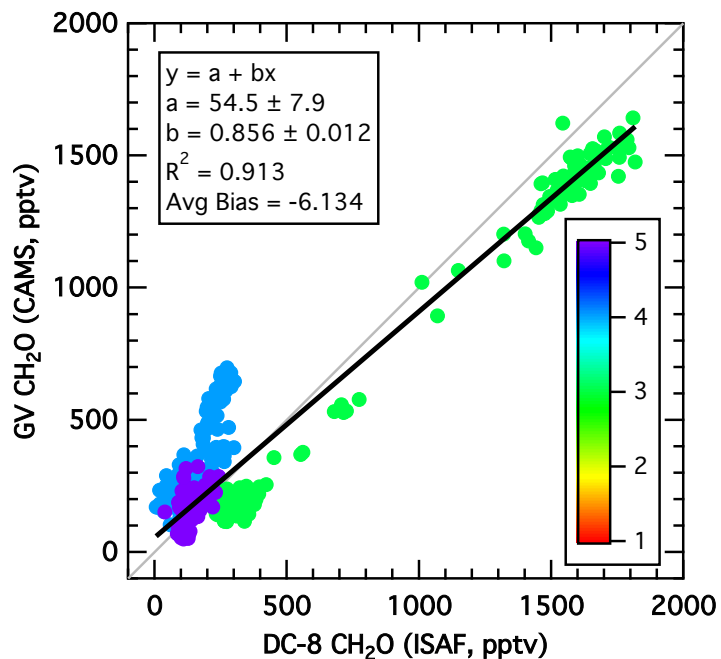
1: 05/25/12

2: 05/30/12

3: 06/01/12

4: 06/05/12

5: 06/17/12



- Avg Bias denotes the difference between y and x, calculated by (y-x)