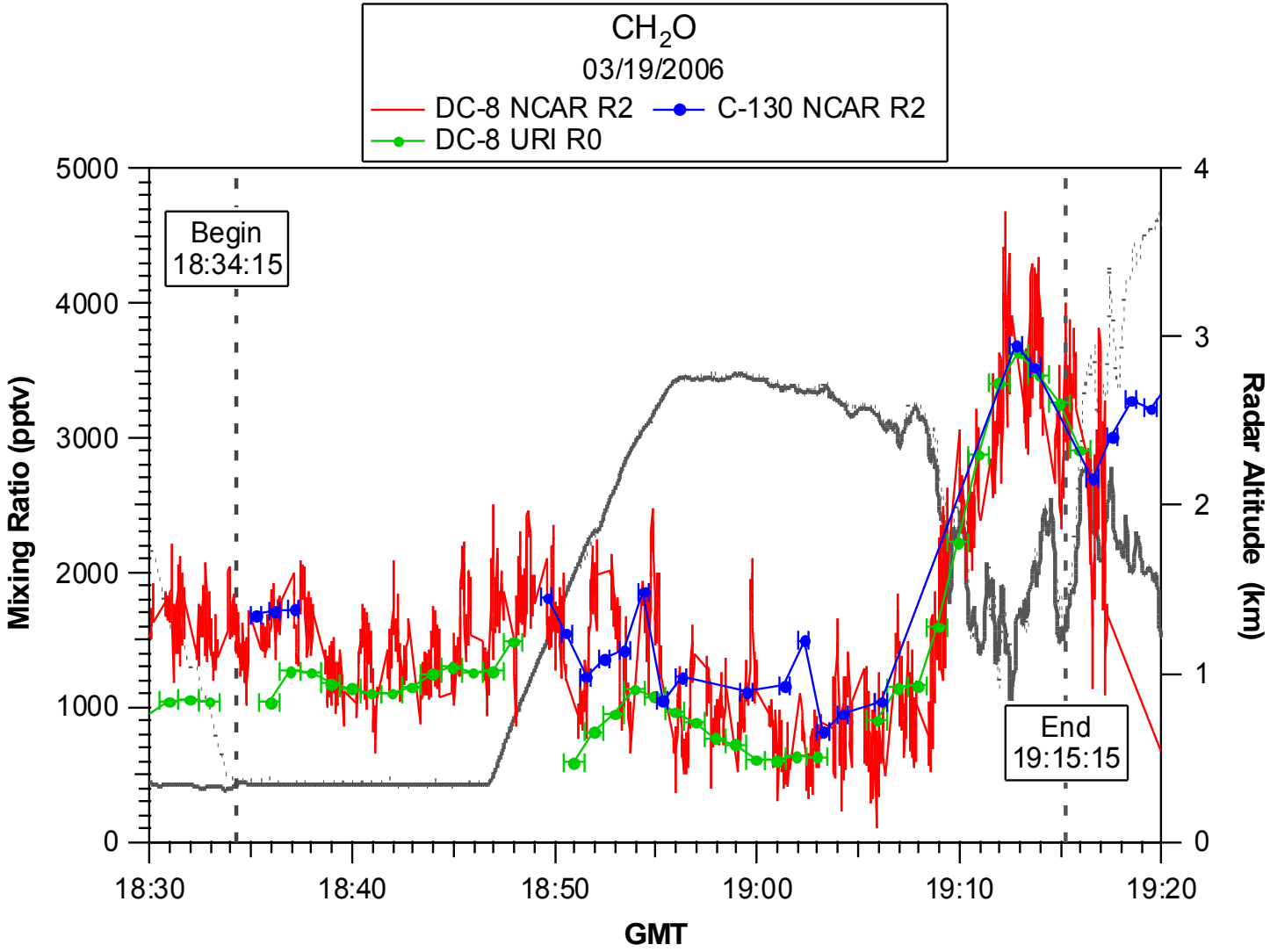
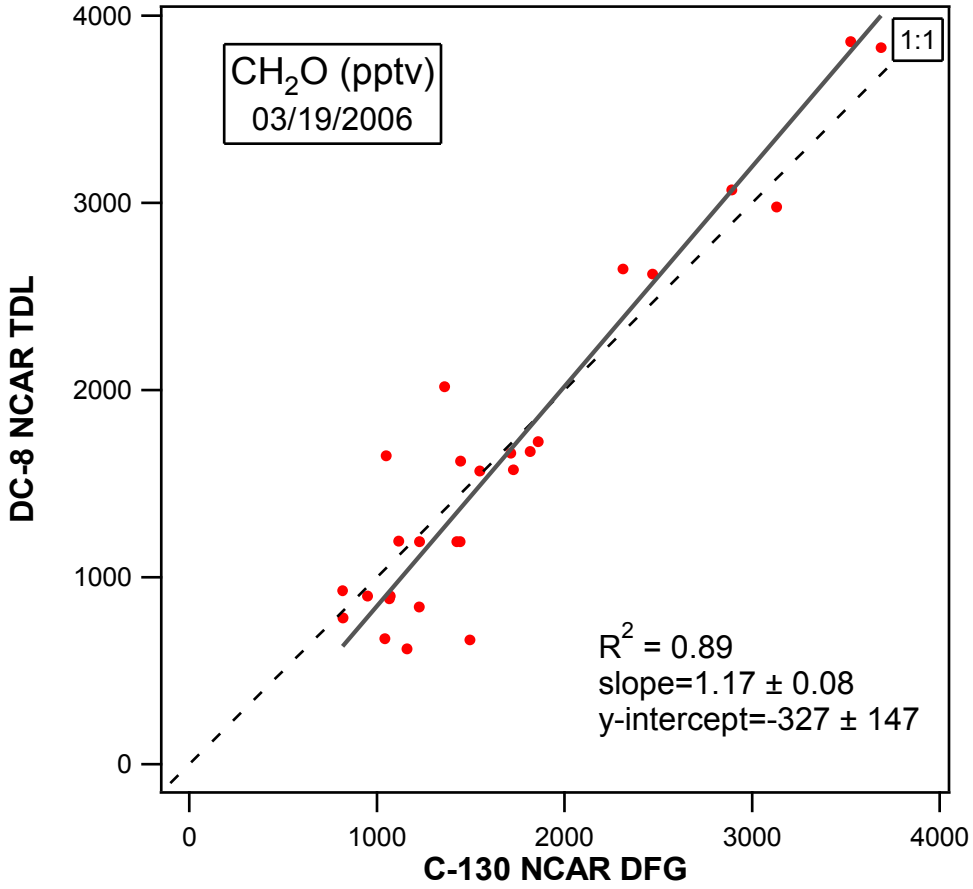
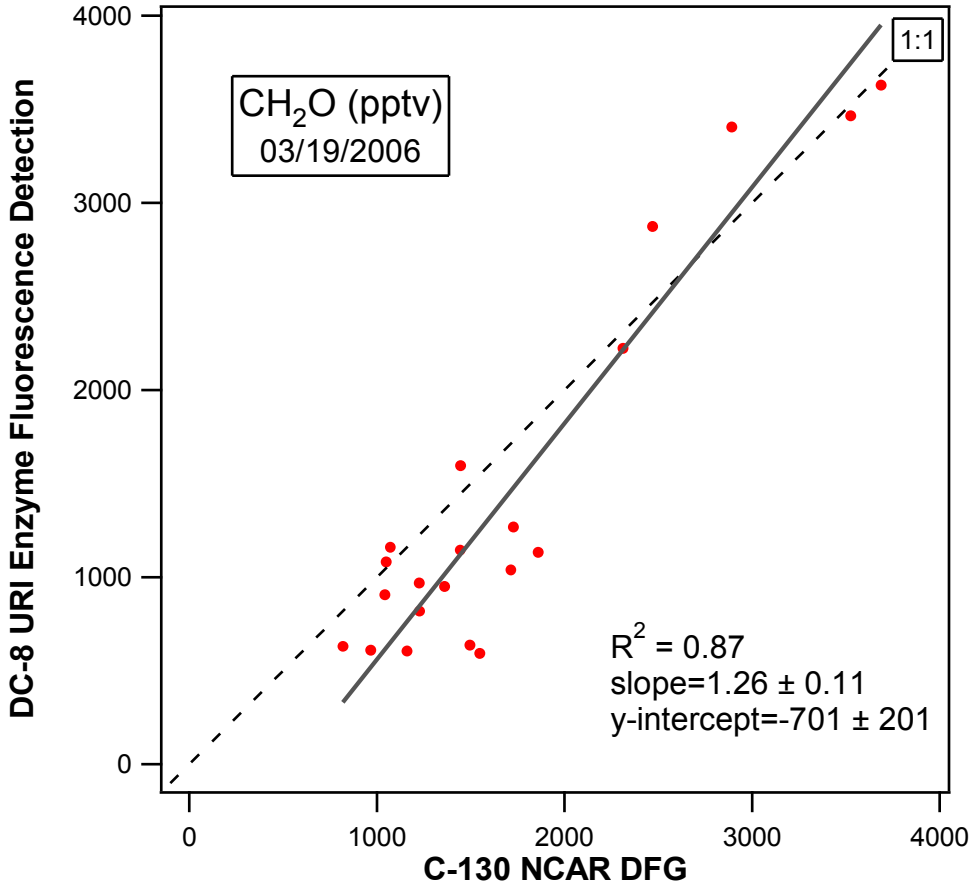
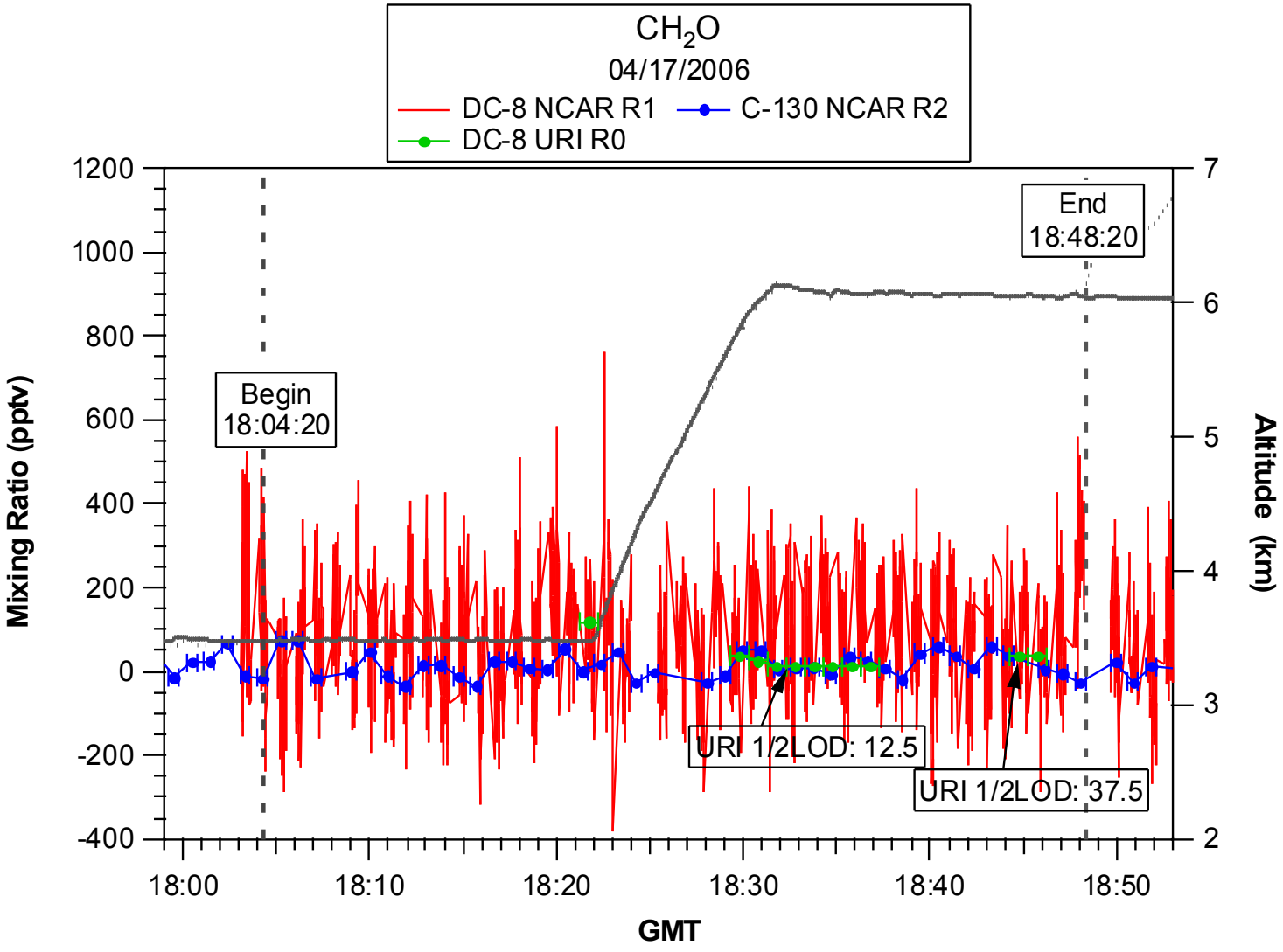
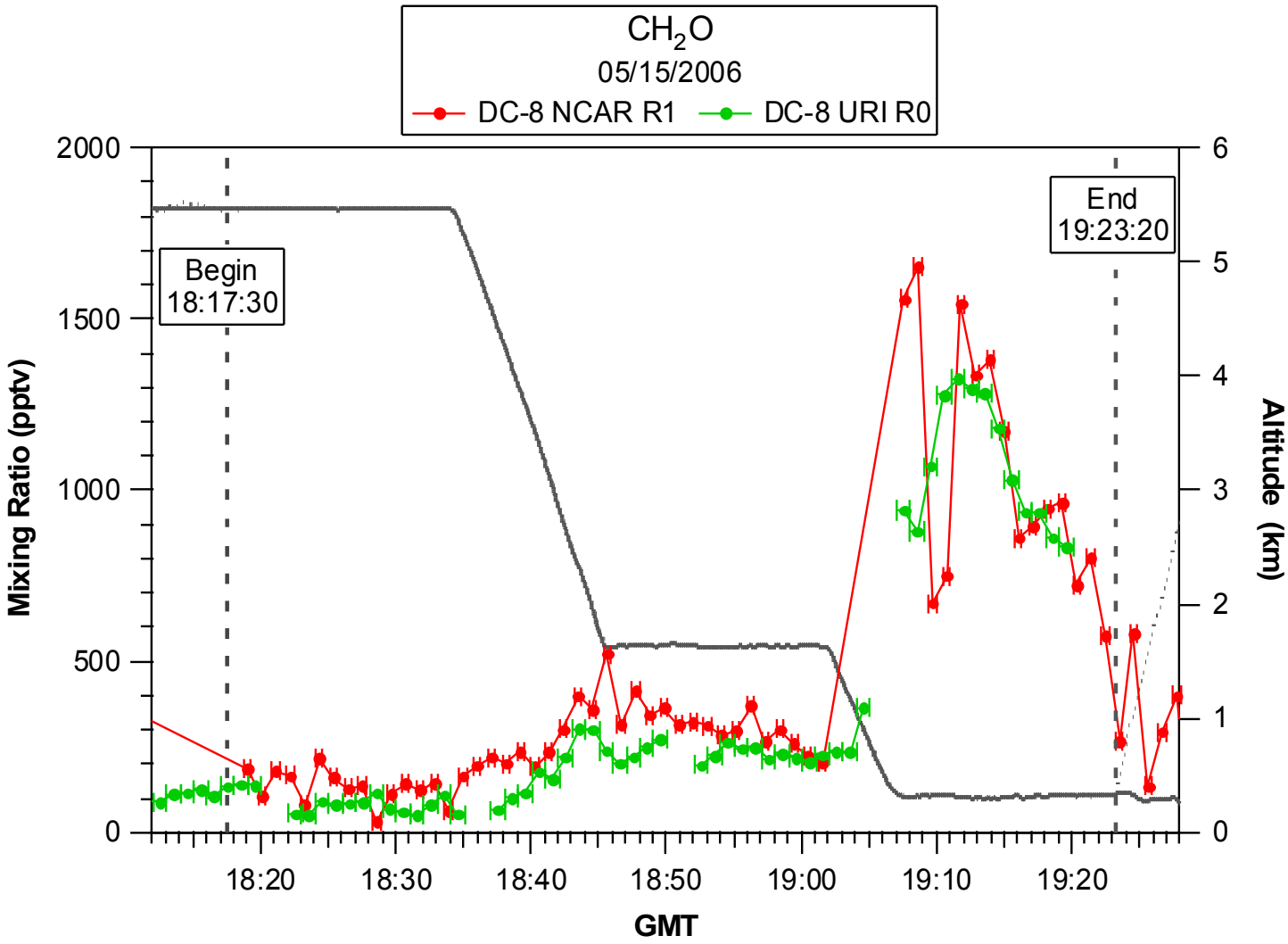
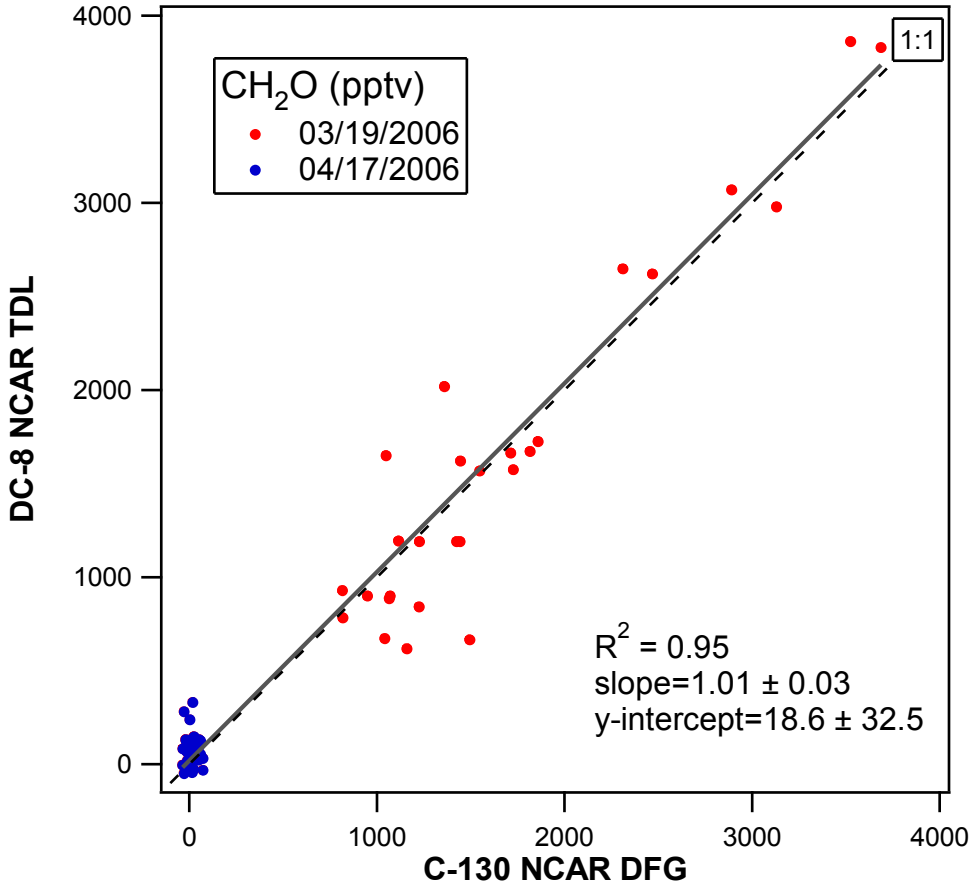

CH2O
03/19/2006
DC-8 NCAR R2
C-130 NCAR R2
DC-8 URI R0
Begin
18:34:15
End
19:15:15
Mixing Ratio (pptv)
Radar Altitude (km)
GMT
5000
4000
3000
2000
1000
0
4
3
2
1
0
18:30
18:40
18:50
19:00
19:10
19:20

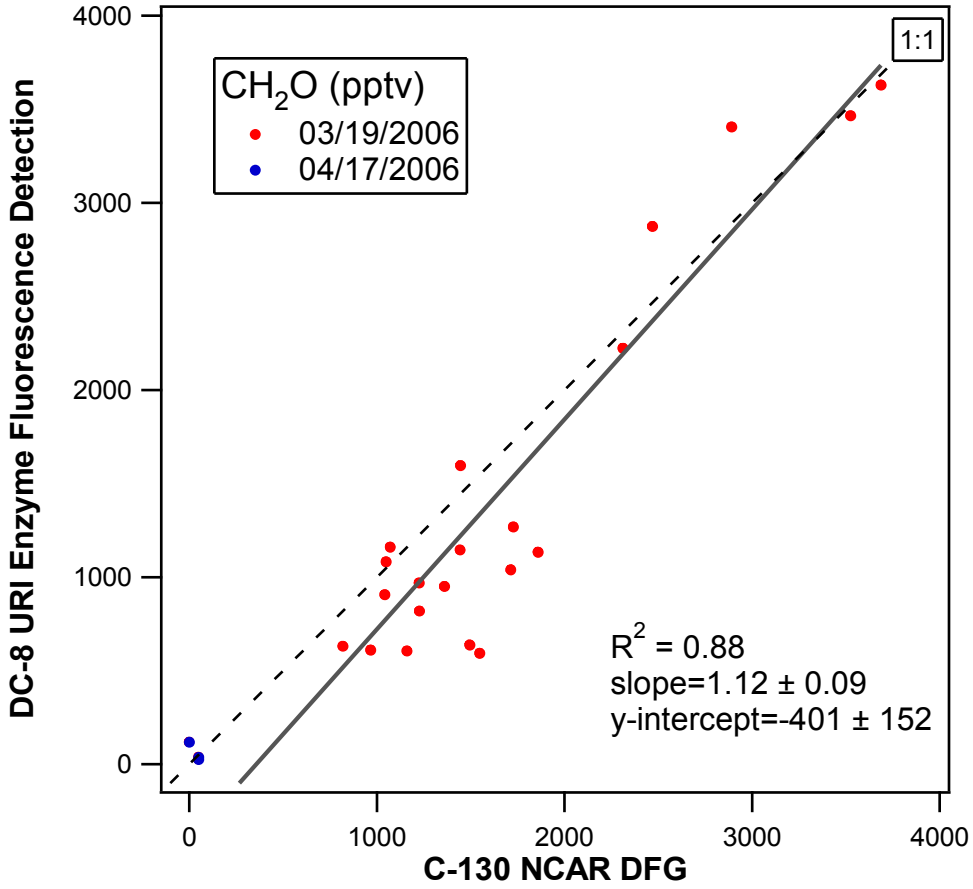

CH2O (pptv)
03/19/2006
1:1
R2 = 0.89
slope=1.17 ± 0.08
y-intercept=-327 ± 147
DC-8 NCAR TDL
C-130 NCAR DFG
0
1000
2000
3000
4000

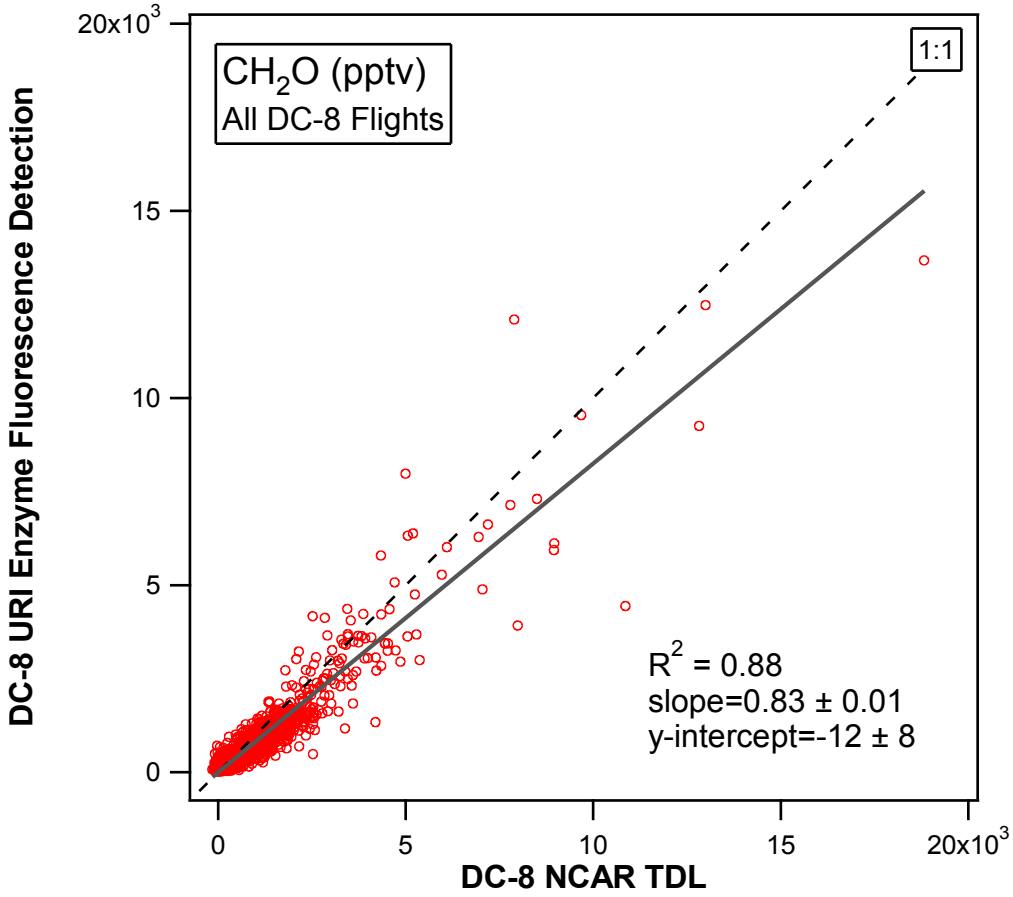

CH2O (pptv)
03/19/2006
1:1
R2 = 0.87
slope=1.26 ± 0.11
y-intercept=-701 ± 201
DC-8 URI Enzyme Fluorescence Detection
C-130 NCAR DFG
0
1000
2000
3000
4000


CH2O
04/17/2006
DC-8 NCAR R1
C-130 NCAR R2
DC-8 URI R0
Begin
18:04:20
End
18:48:20
URI 1/2LOD: 12.5
URI 1/2LOD: 37.5
Mixing Ratio (pptv)
Altitude (km)
GMT
1200
1000
800
600
400
200
0
-200
-400
7
6
5
4
3
2
18:00
18:10
18:20
18:30
18:40
18:50


CH2O
05/15/2006
DC-8 NCAR R1
DC-8 URI R0
Begin
18:17:30
End
19:23:20
Mixing Ratio (pptv)
Altitude (km)
GMT
2000
1500
1000
500
0
6
5
4
3
2
1
0
18:20
18:30
18:40
18:50
19:00
19:10
19:20


CH2O (pptv)
03/19/2006
04/17/2006
1:1
R2 = 0.95
slope=1.01 ± 0.03
y-intercept=18.6 ± 32.5
DC-8 NCAR TDL
C-130 NCAR DFG
0
1000
2000
3000
4000


CH2O (pptv)
03/19/2006
04/17/2006
1:1
R2 = 0.88
slope=1.12 ± 0.09
y-intercept=-401 ± 152
DC-8 URI Enzyme Fluorescence Detection
C-130 NCAR DFG
0
1000
2000
3000
4000


CH2O (pptv)
All DC-8 Flights
1:1
R2 = 0.88
slope=0.83 ± 0.01
y-intercept=-12 ± 8
DC-8 URI Enzyme Fluorescence Detection
DC-8 NCAR TDL
0
5
10
15
20x10^3