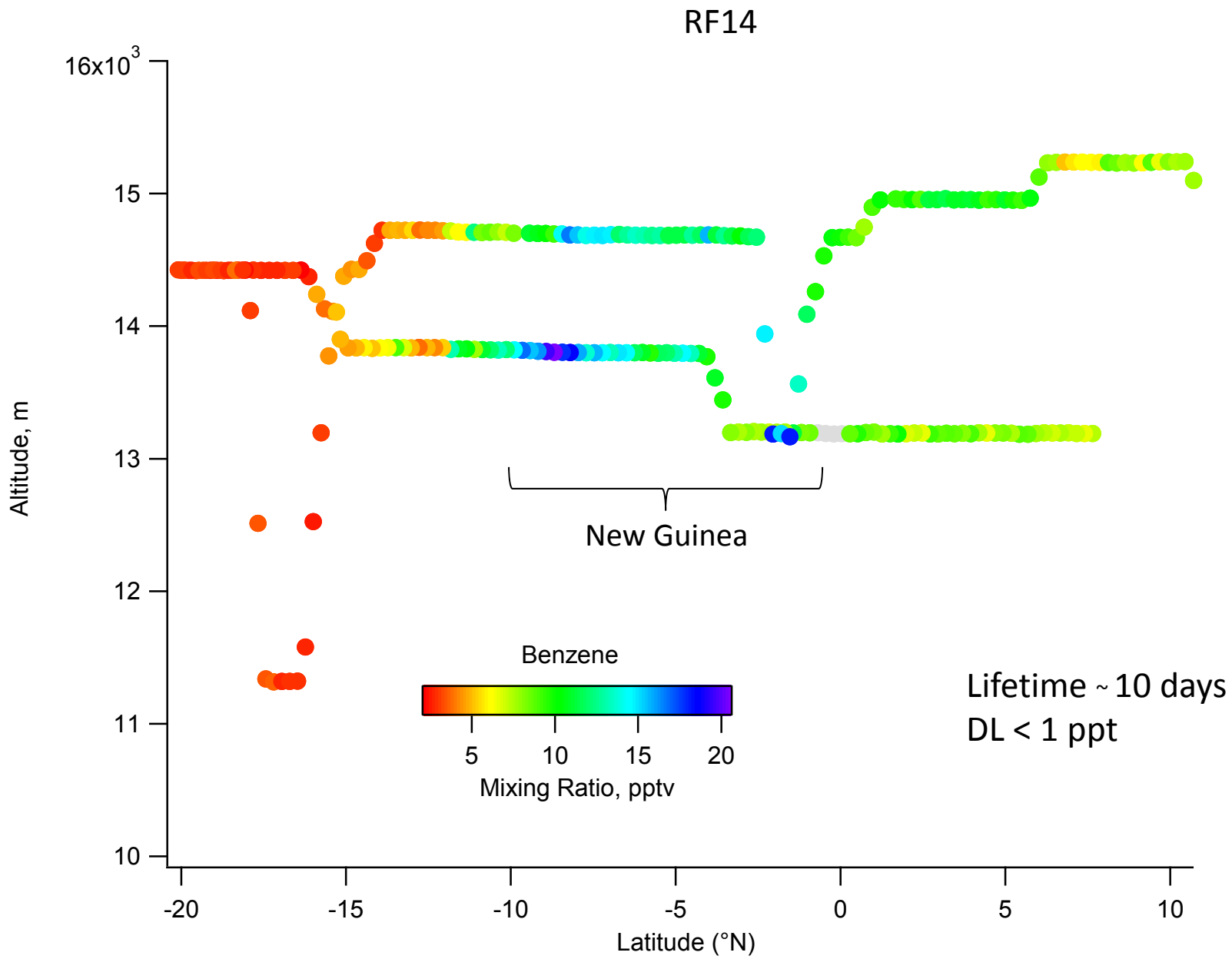
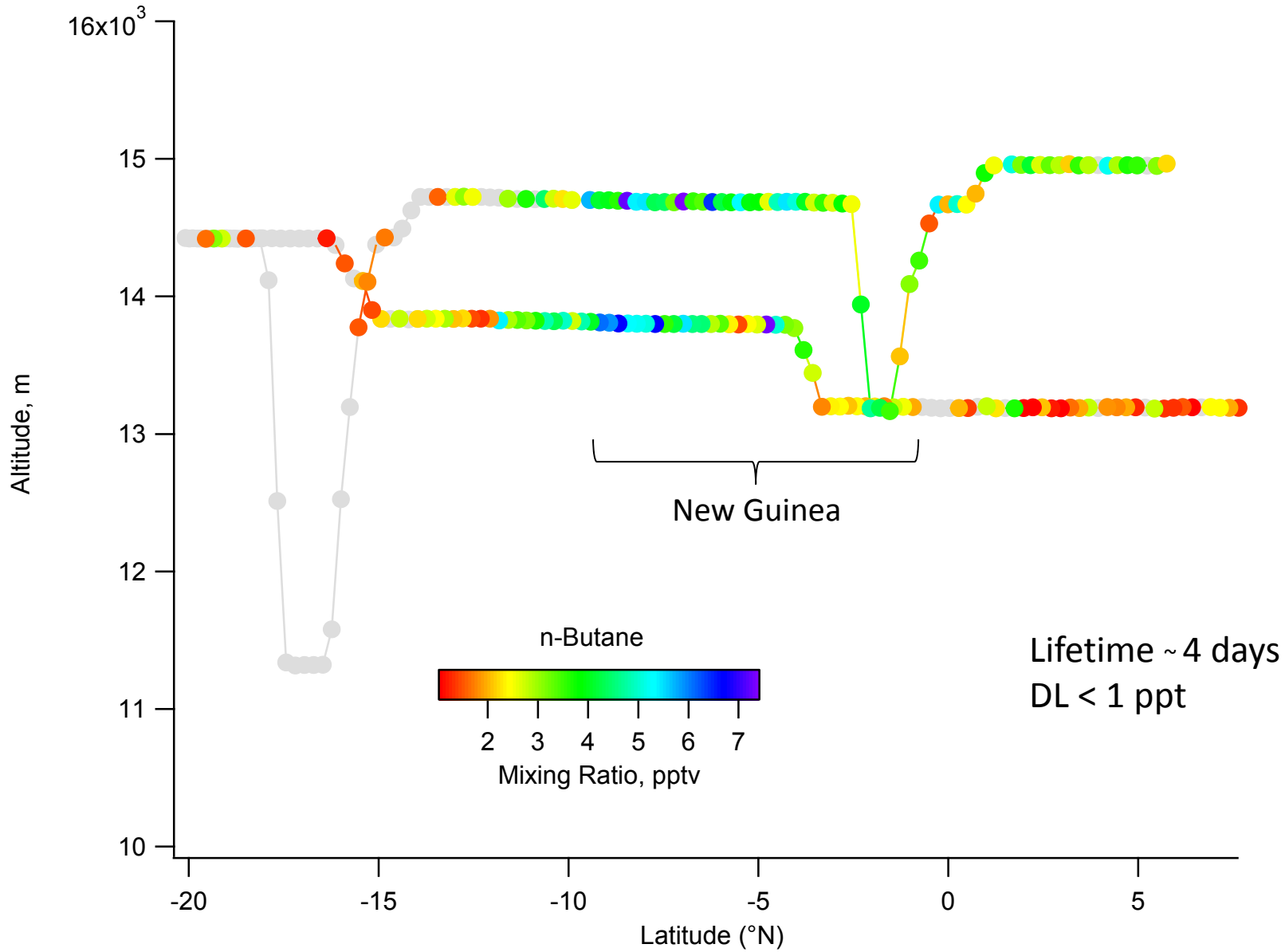
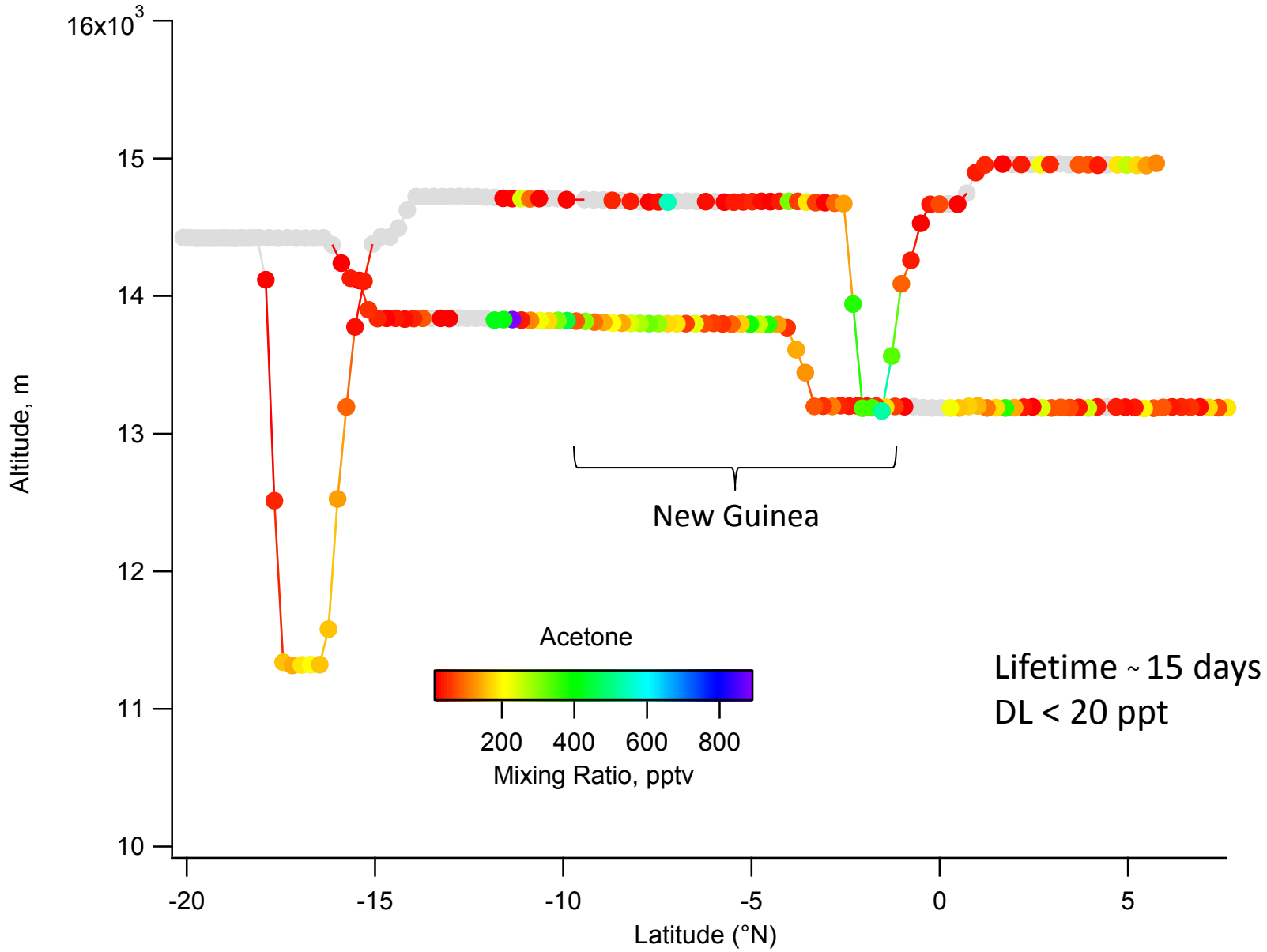
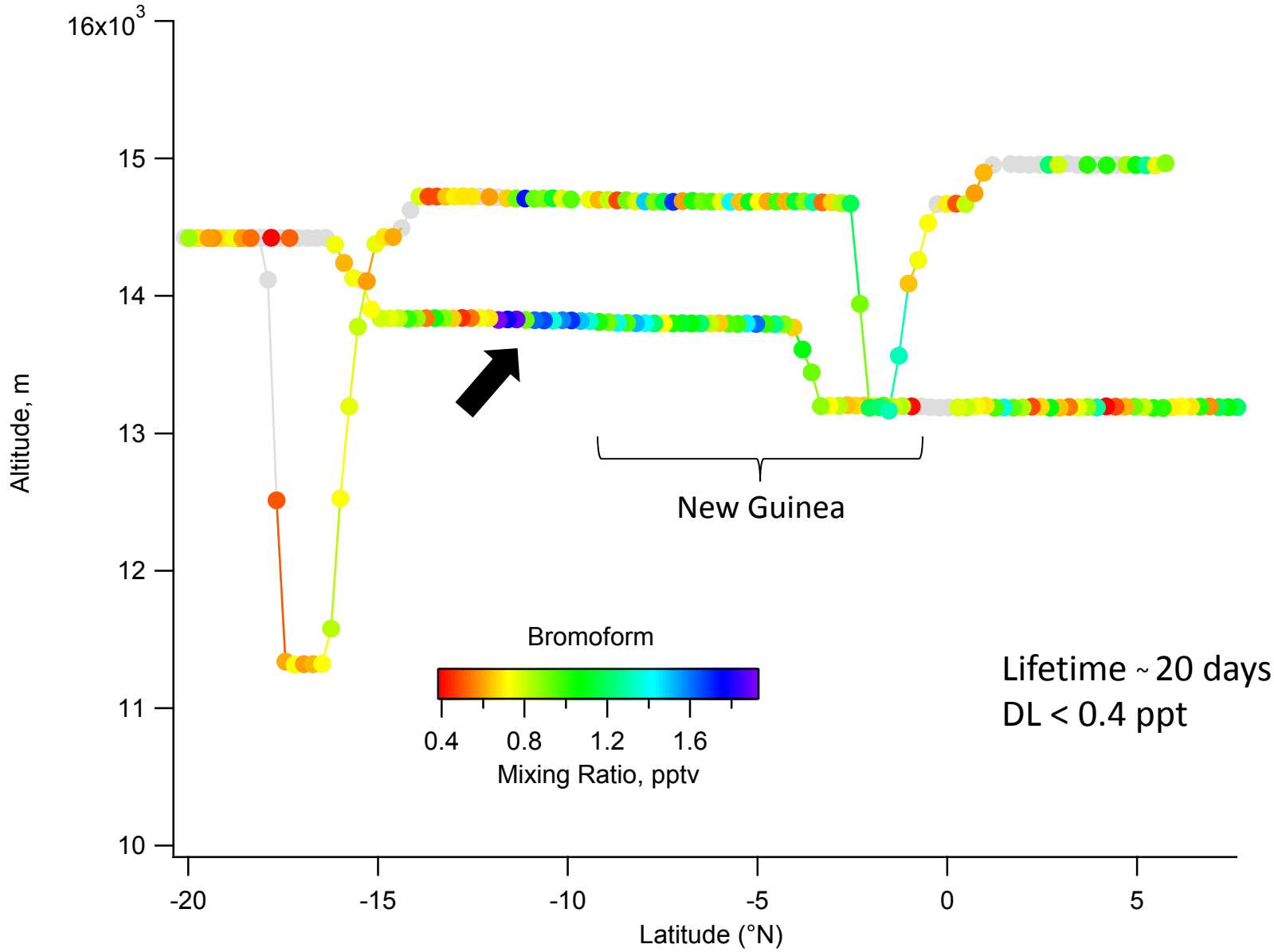
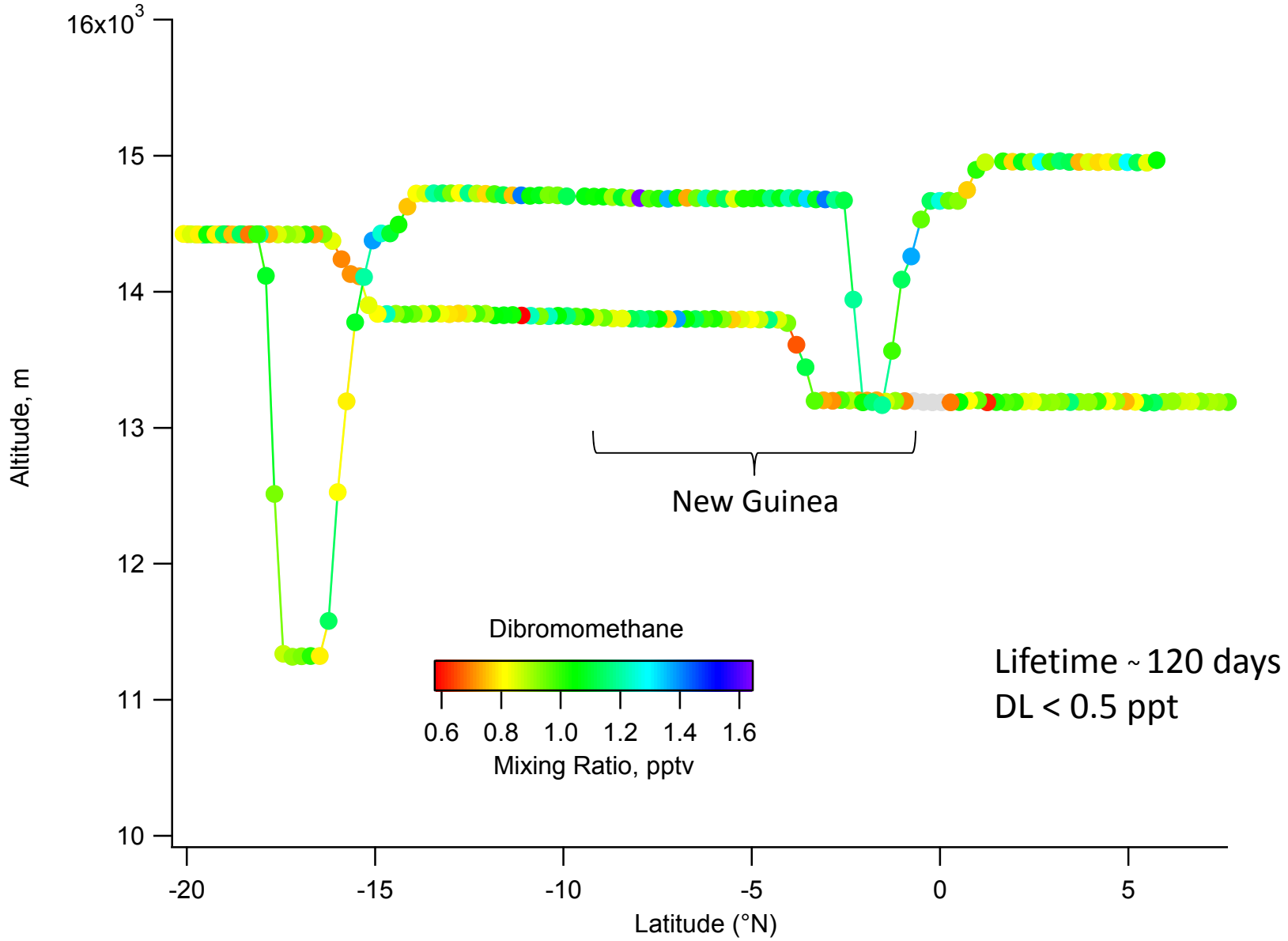
RF14 - High Altitude to SH


RF14
16x10^3
15
14
13
12
11
10
Altitude, m
-20
-15
-10
-5
0
5
10
Latitude (°N)
New Guinea
Benzene
5
10
15
20
Mixing Ratio, pptv
Lifetime ~ 10 days
DL < 1 ppt


16x10^3
15
14
13
12
11
10
Altitude, m
-20
-15
-10
-5
0
5
Latitude (°N)
New Guinea
n-Butane
2
3
4
5
6
7
Mixing Ratio, pptv
Lifetime ~ 4 days
DL < 1 ppt


16x10^3
15
14
13
12
11
10
Altitude, m
-20
-15
-10
-5
0
5
Latitude (°N)
New Guinea
Acetone
200
400
600
800
Mixing Ratio, pptv
Lifetime ~ 15 days
DL < 20 ppt


16x10^3
15
14
13
12
11
10
Altitude, m
-20
-15
-10
-5
0
5
Latitude (°N)
New Guinea
Bromoform
0.4
0.8
1.2
1.6
Mixing Ratio, pptv
Lifetime ~ 20 days
DL < 0.4 ppt


16x10^3
15
14
13
12
11
10
Altitude, m
-20
-15
-10
-5
0
5
Latitude (°N)
New Guinea
Dibromomethane
0.6
0.8
1.0
1.2
1.4
1.6
Mixing Ratio, pptv
Lifetime ~ 120 days
DL < 0.5 ppt