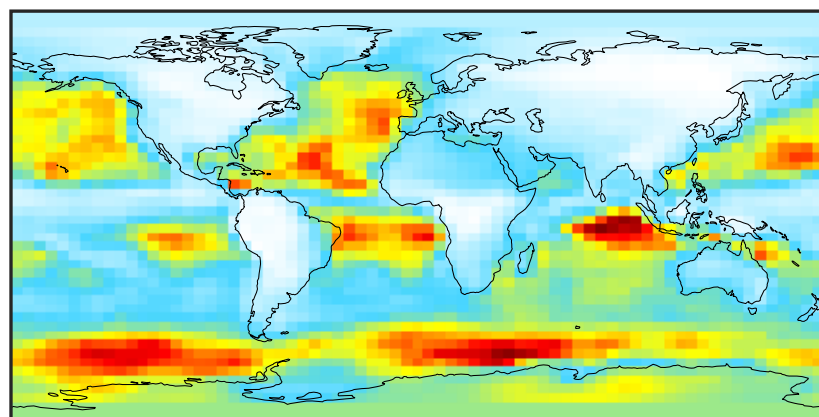


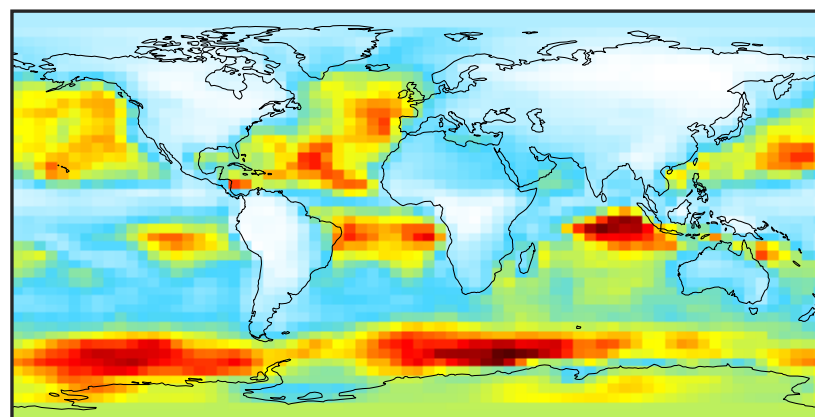
# SpeciesConcVW\_Bry (Oct2019)

14.2.0-rc.2 (Ref)  
4.0x5.0



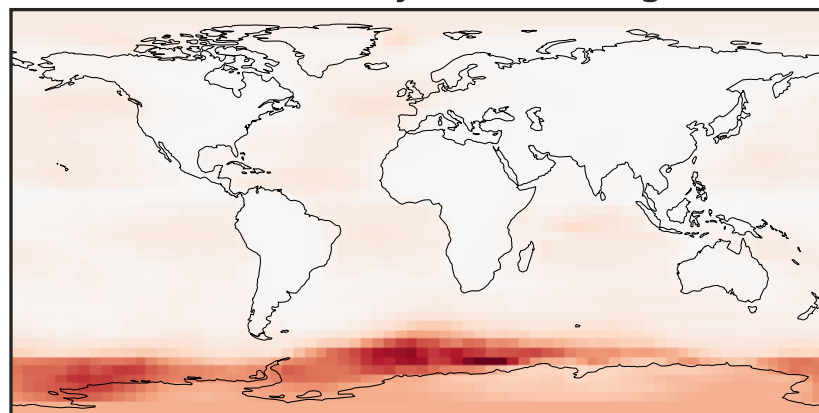
0.005 0.010 0.015  
ppb

14.3.0-rc.0 (Dev)  
4.0x5.0



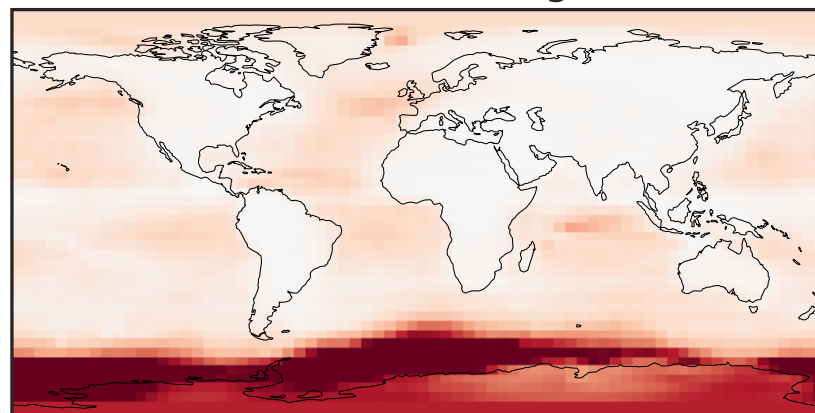
0.005 0.010 0.015  
ppb

Difference  
Dev - Ref, Dynamic Range



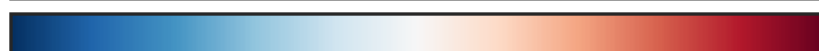
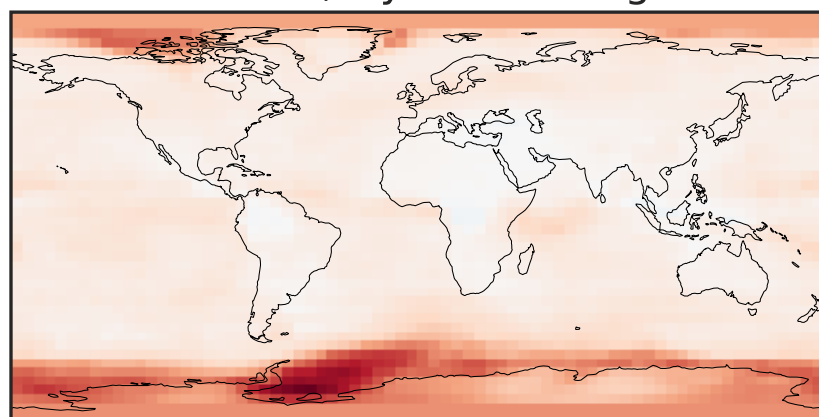
-0.0015 0.0000 0.0015  
ppb

Difference  
Dev - Ref, Restricted Range [5%,95%]



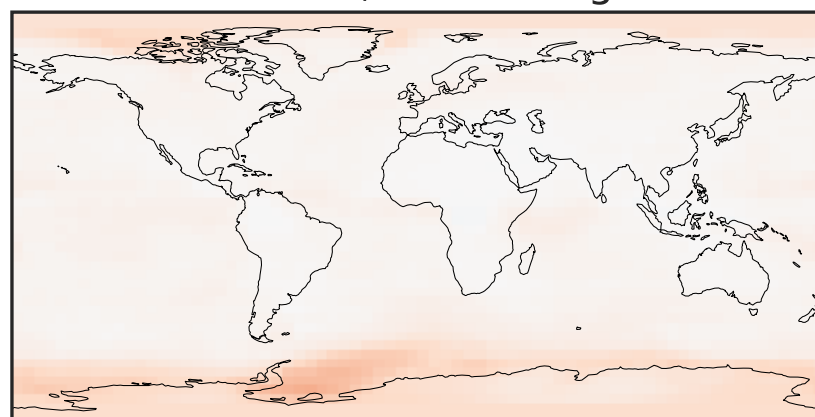
-0.0005 0.0000 0.0005  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.7777 0.8889 1.0000 1.1429 1.2858  
unitless

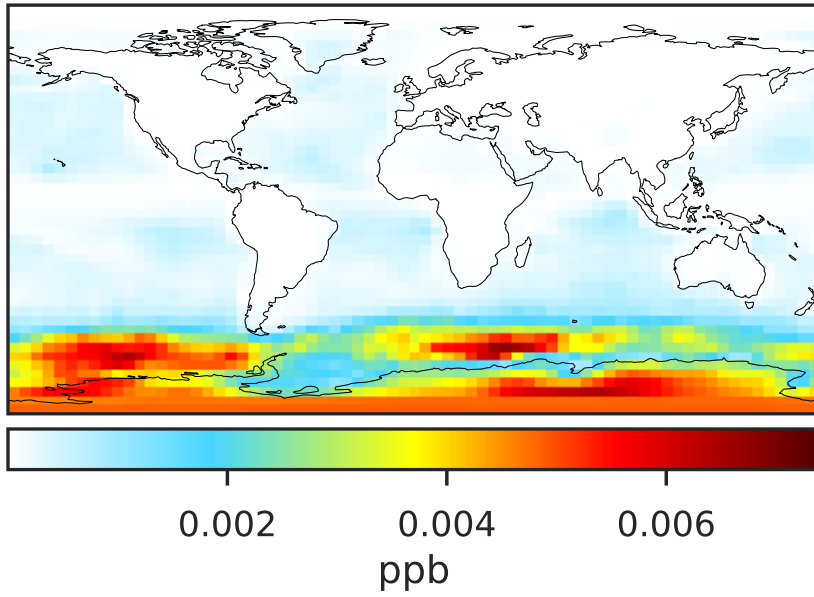
Ratio  
Dev/Ref, Fixed Range



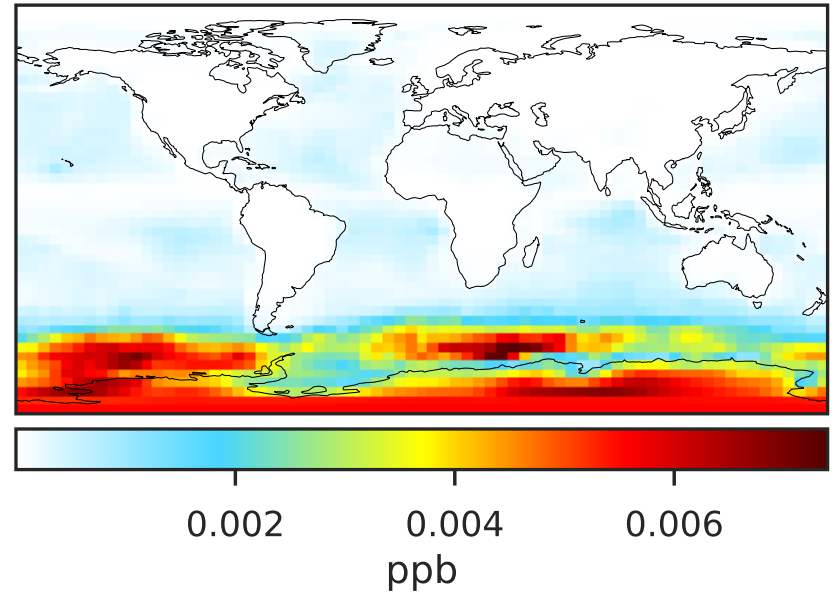
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_BrOx (Oct2019)

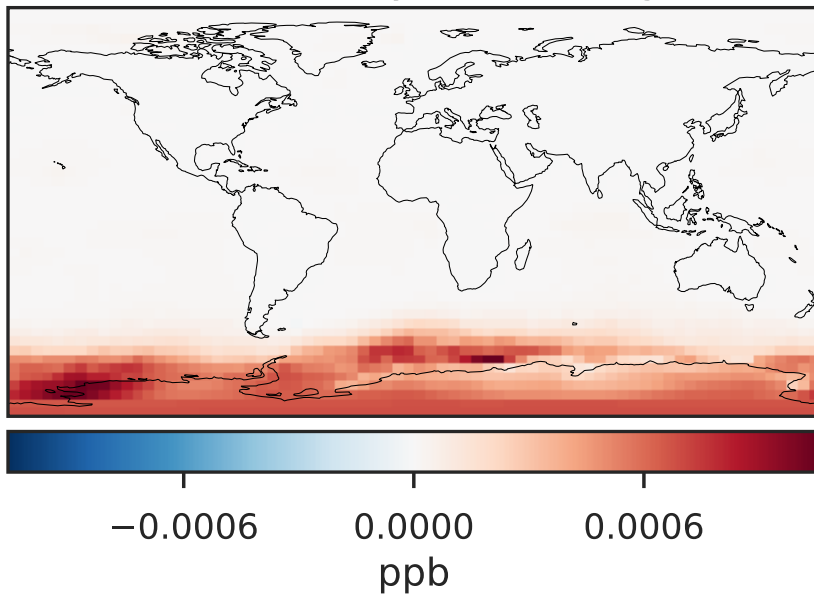
14.2.0-rc.2 (Ref)  
4.0x5.0



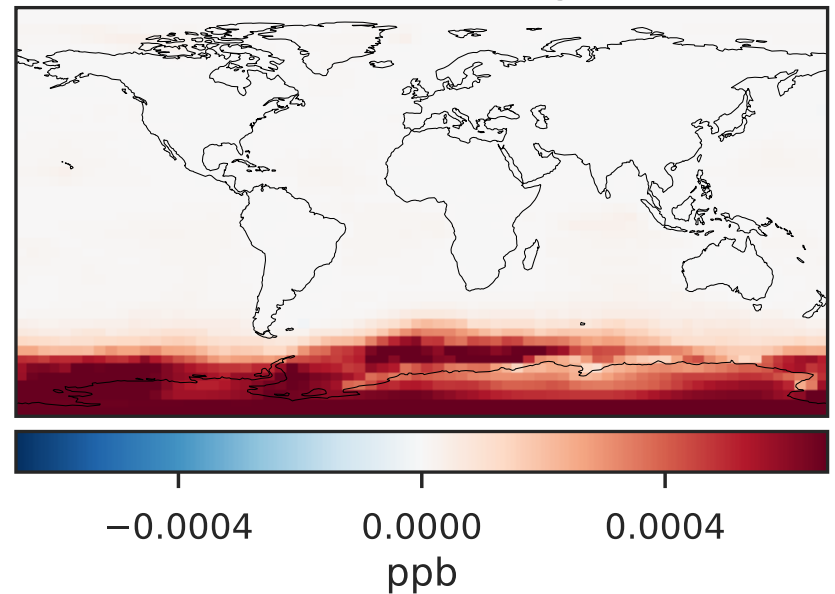
14.3.0-rc.0 (Dev)  
4.0x5.0



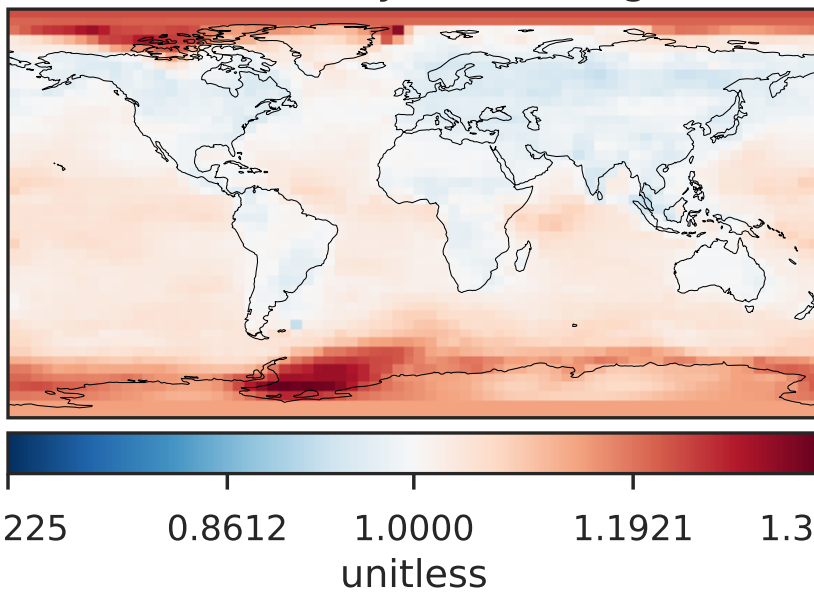
Difference  
Dev - Ref, Dynamic Range



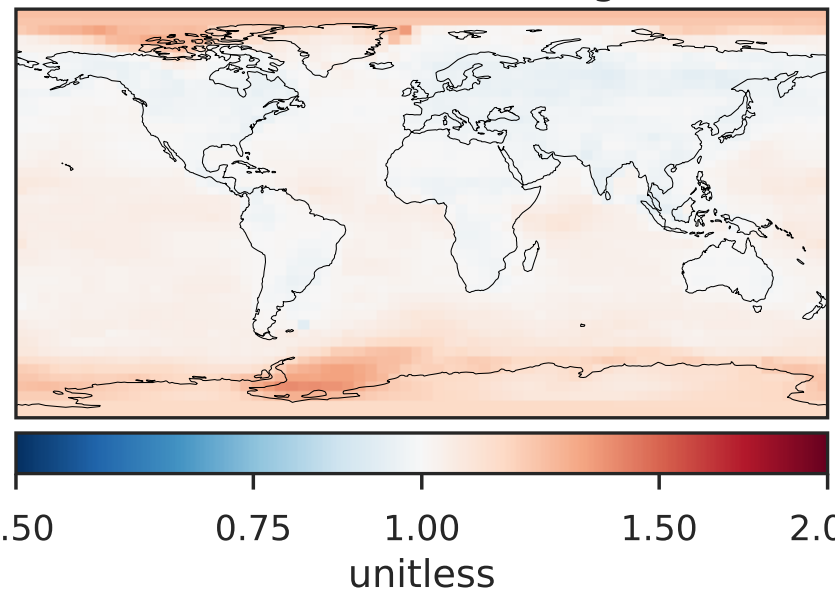
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

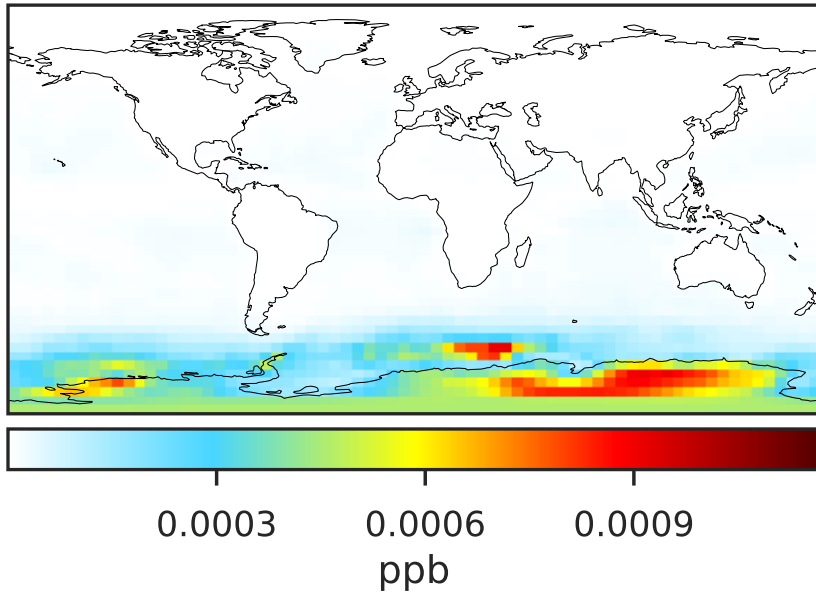


Ratio  
Dev/Ref, Fixed Range

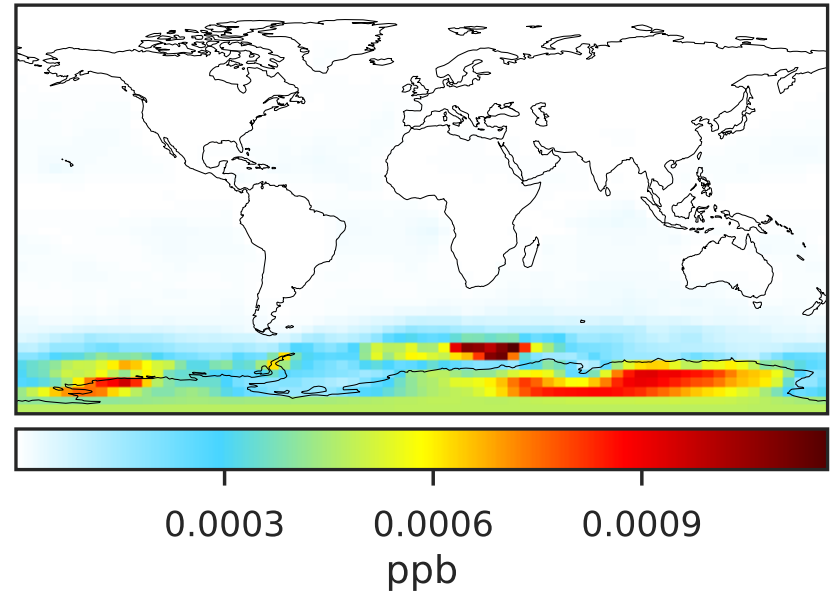


# SpeciesConcVV\_Br (Oct2019)

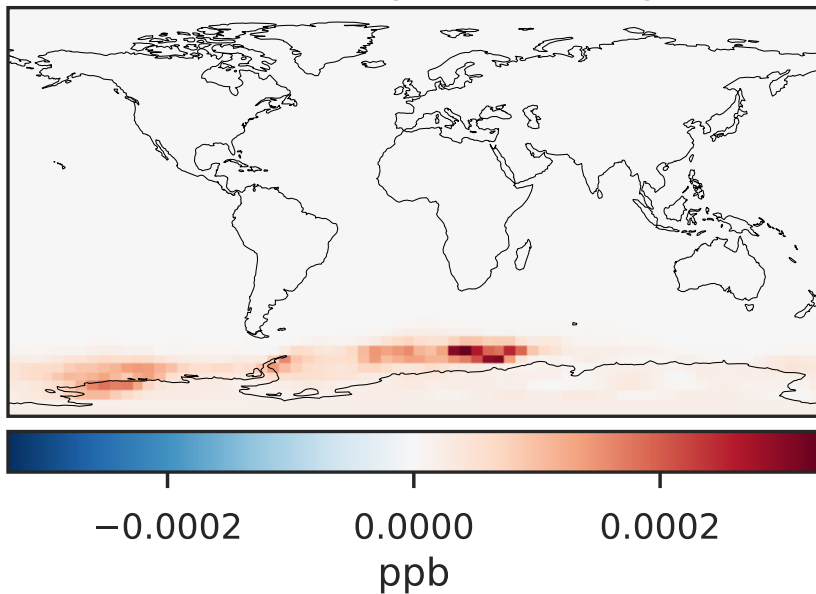
14.2.0-rc.2 (Ref)  
4.0x5.0



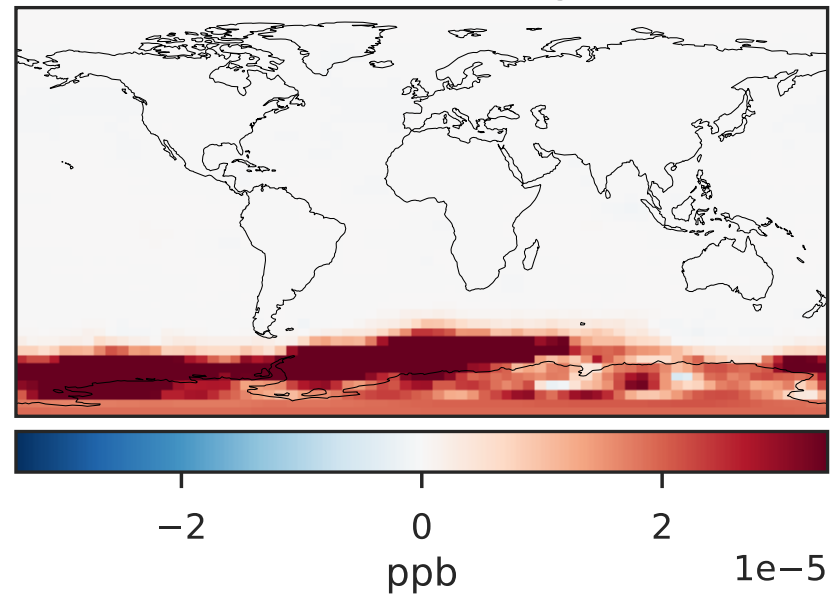
14.3.0-rc.0 (Dev)  
4.0x5.0



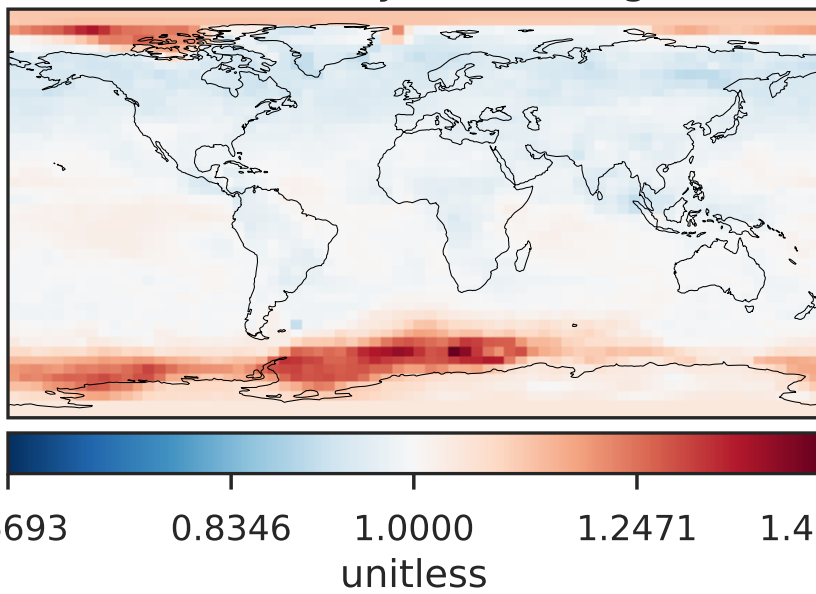
Difference  
Dev - Ref, Dynamic Range



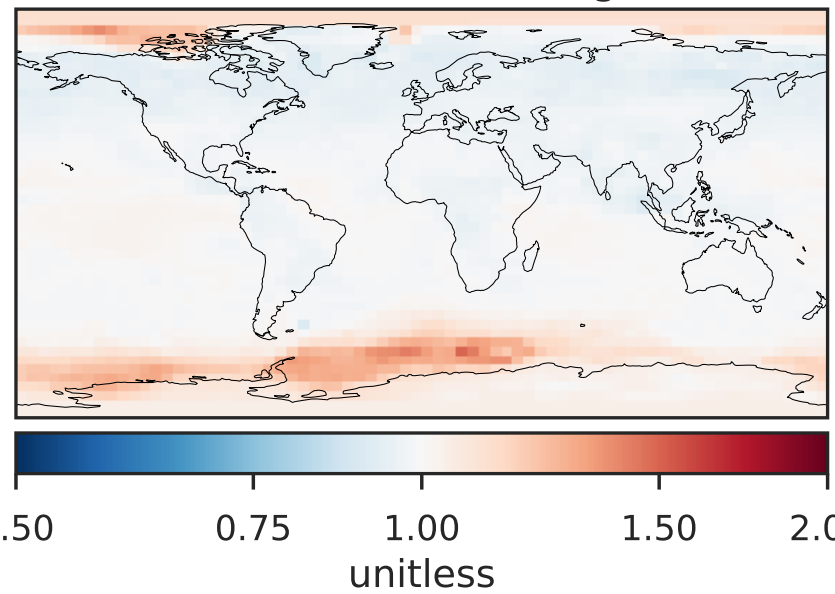
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

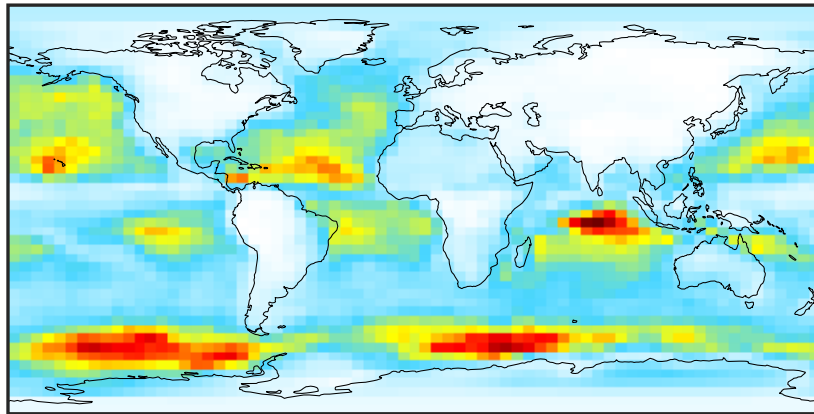


Ratio  
Dev/Ref, Fixed Range



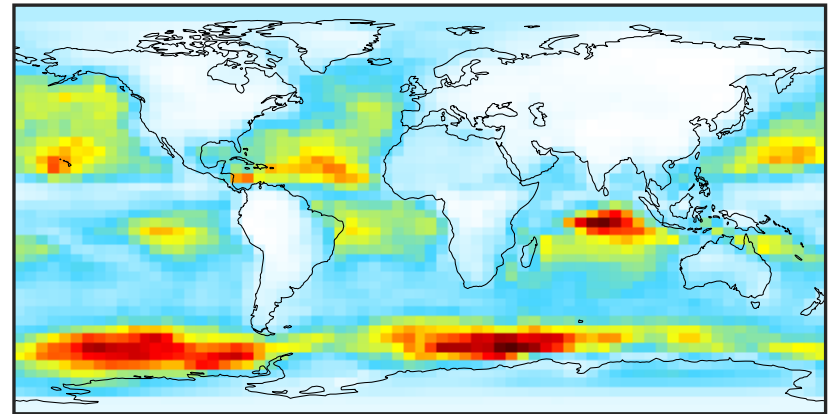
# SpeciesConcVW\_Br2 (Oct2019)

14.2.0-rc.2 (Ref)  
4.0x5.0



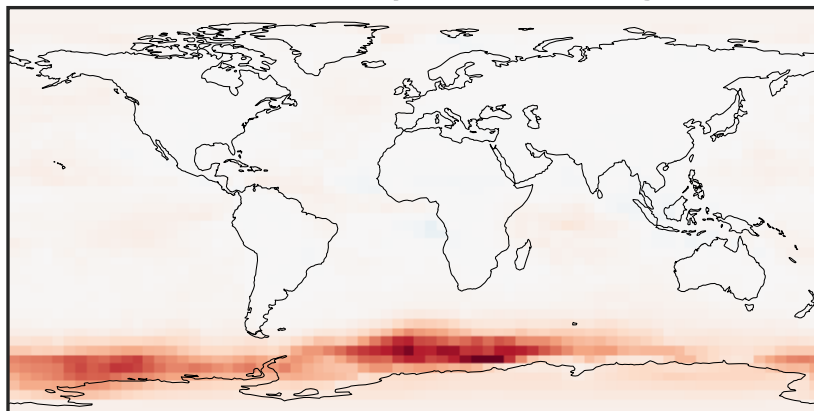
0.0008 0.0016 0.0024  
ppb

14.3.0-rc.0 (Dev)  
4.0x5.0



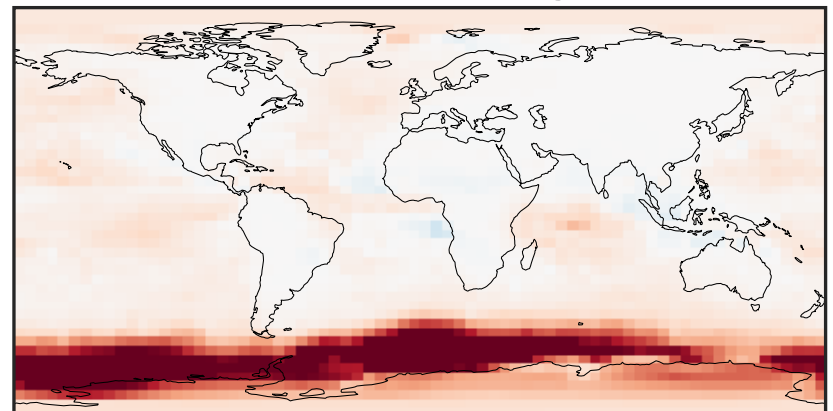
0.0008 0.0016 0.0024  
ppb

Difference  
Dev - Ref, Dynamic Range



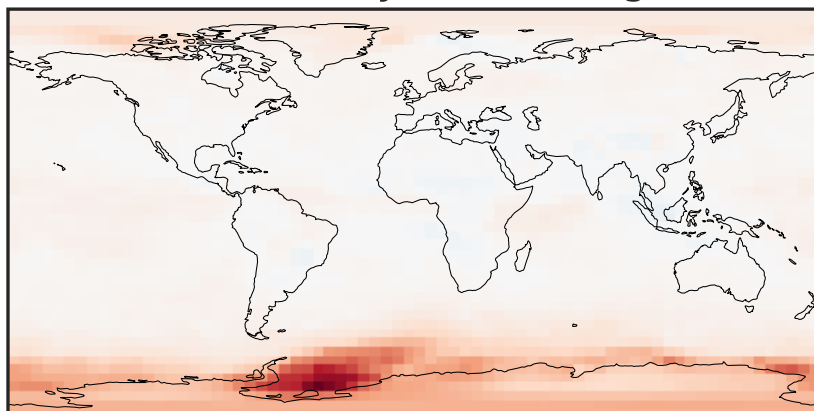
-0.00025 0.00000 0.00025  
ppb

Difference  
Dev - Ref, Restricted Range [5%,95%]



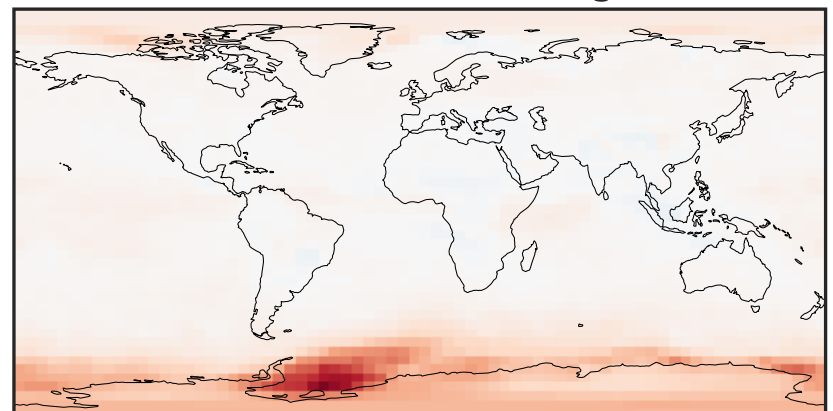
-0.0001 0.0000 0.0001  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.52 0.76 1.00 1.46 1.92  
unitless

Ratio  
Dev/Ref, Fixed Range

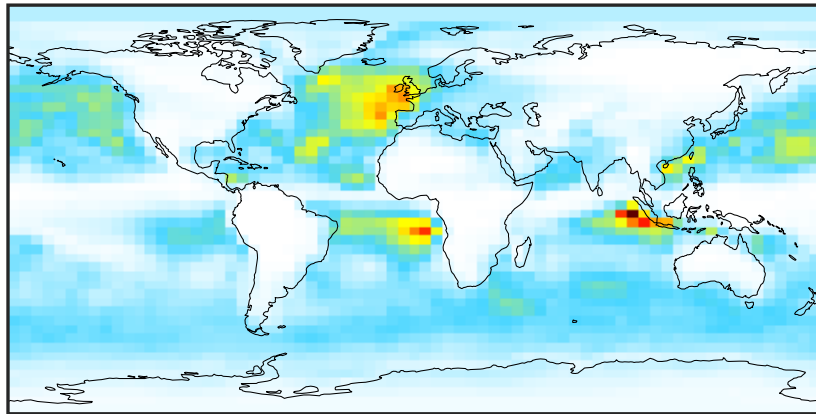


0.50 0.75 1.00 1.50 2.00  
unitless



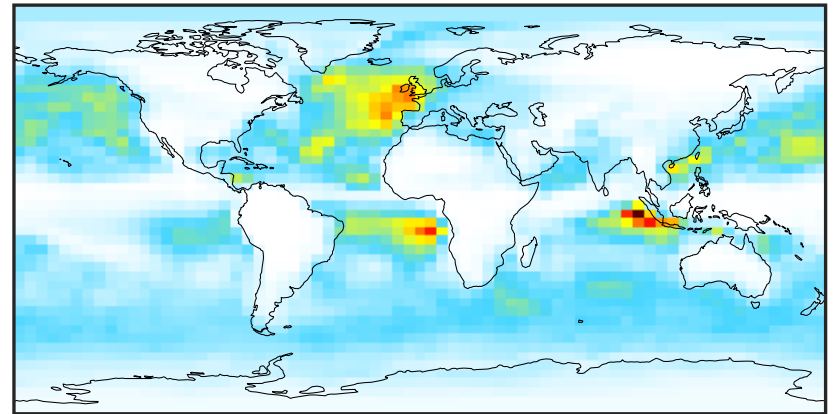
# SpeciesConcVV\_BrCl (Oct2019)

14.2.0-rc.2 (Ref)  
4.0x5.0



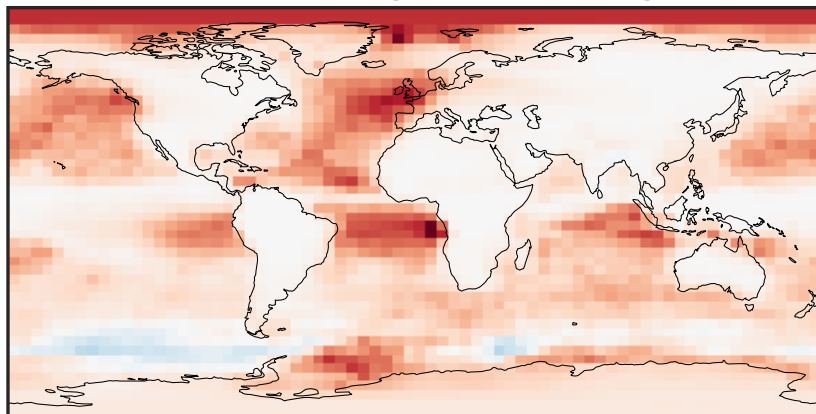
0.0015 0.0030 0.0045  
ppb

14.3.0-rc.0 (Dev)  
4.0x5.0



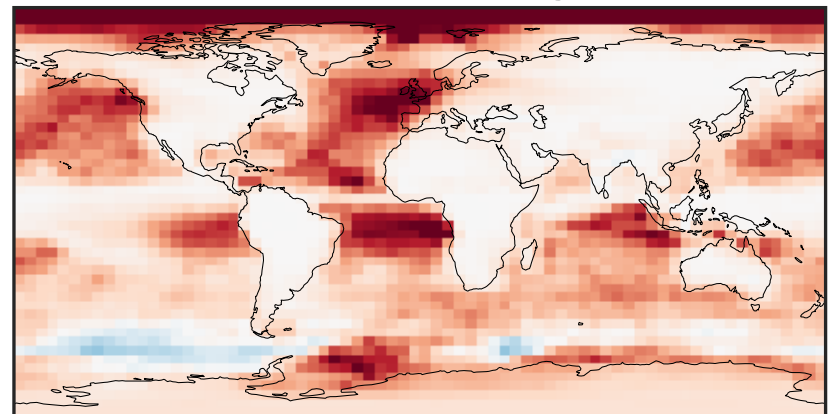
0.0015 0.0030 0.0045  
ppb

Difference  
Dev - Ref, Dynamic Range



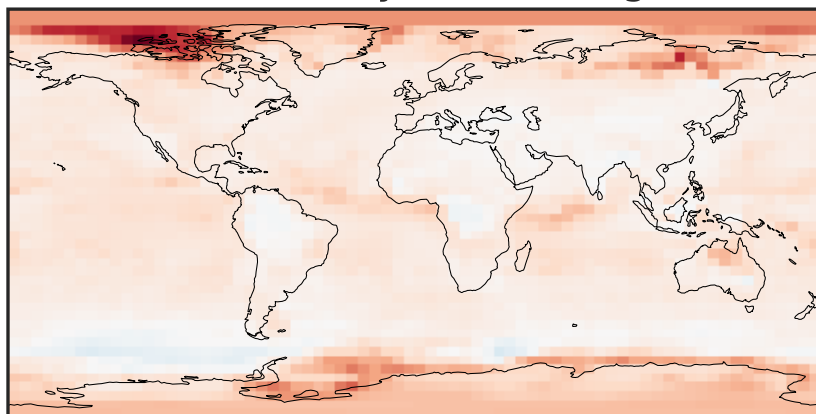
-8 0 8  
ppb  $1e-5$

Difference  
Dev - Ref, Restricted Range [5%,95%]



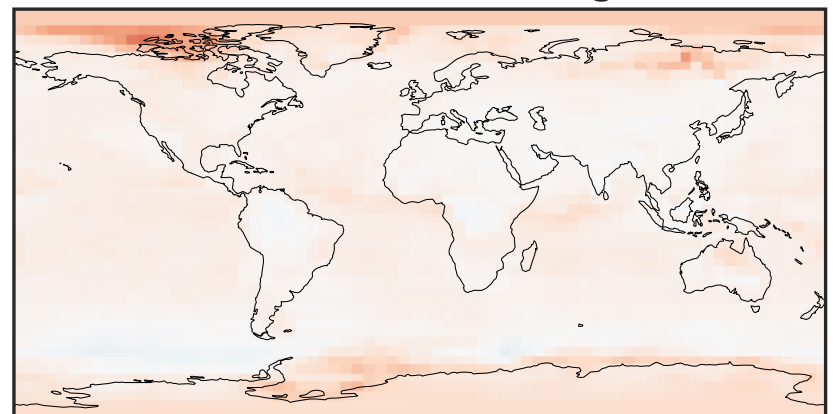
-5 0 5  
ppb  $1e-5$

Ratio  
Dev/Ref, Dynamic Range



0.6848 0.8424 1.0000 1.2301 1.4602  
unitless

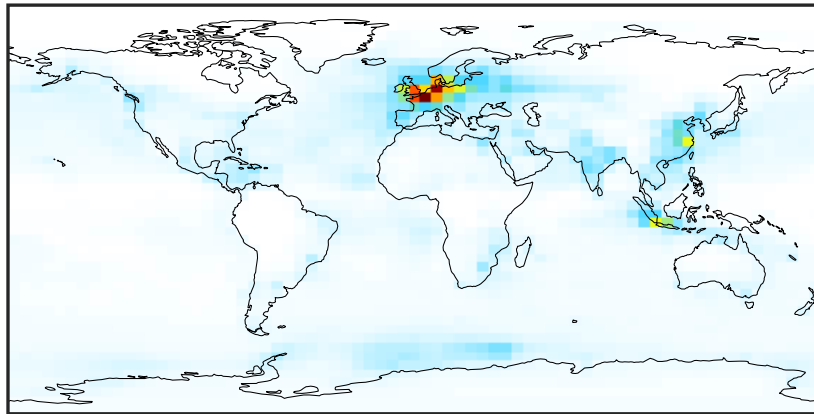
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

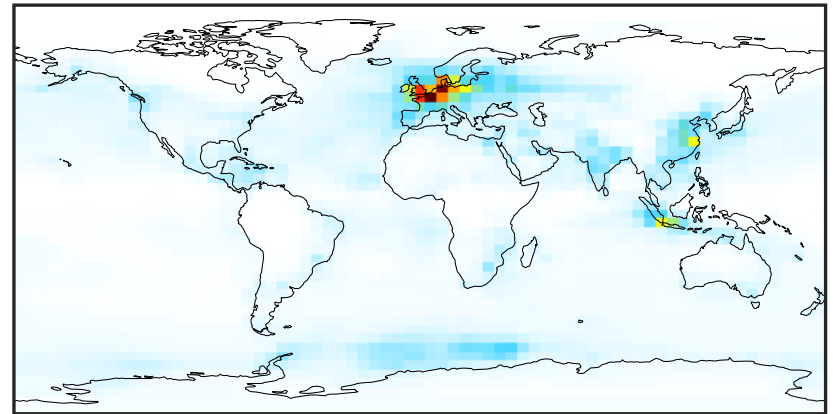
# SpeciesConcVV\_BrNO2 (Oct2019)

14.2.0-rc.2 (Ref)  
4.0x5.0



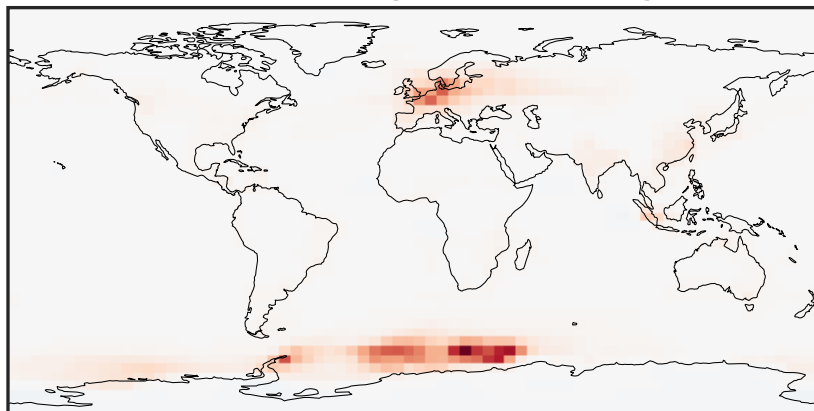
0.00025 0.00050 0.00075  
ppb

14.3.0-rc.0 (Dev)  
4.0x5.0



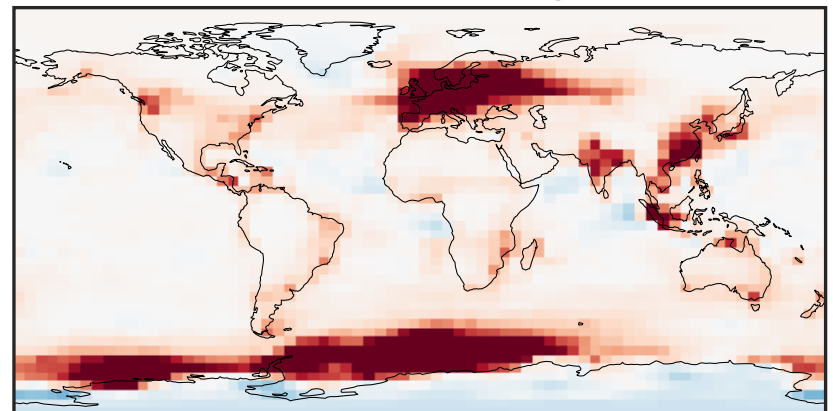
0.00025 0.00050 0.00075  
ppb

Difference  
Dev - Ref, Dynamic Range



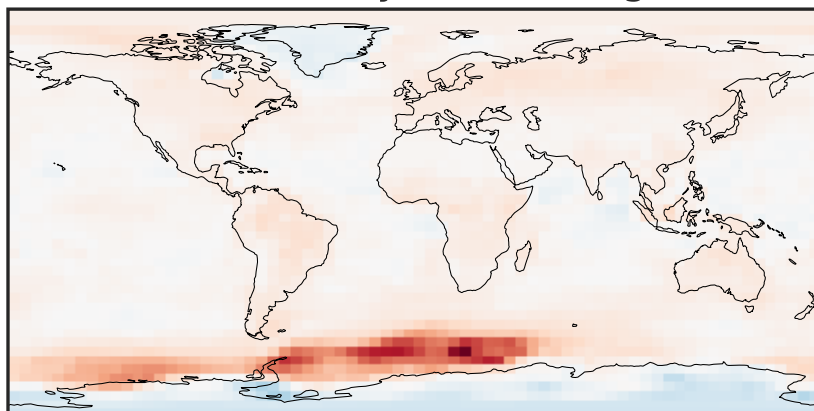
-4 0 4  
ppb  $1e-5$

Difference  
Dev - Ref, Restricted Range [5%,95%]



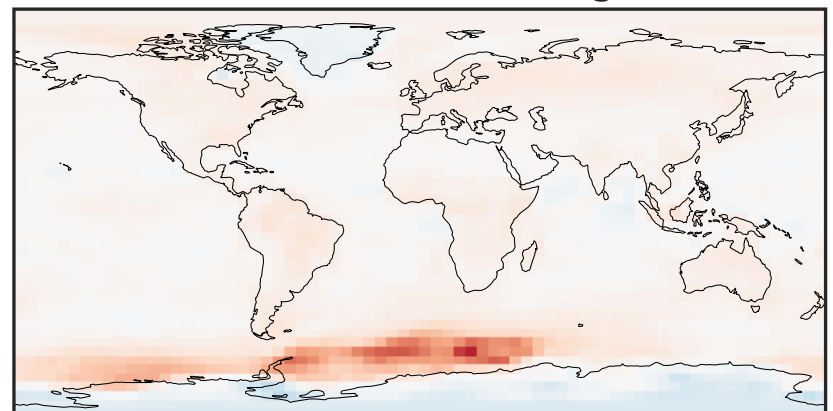
-4 0 4  
ppb  $1e-6$

Ratio  
Dev/Ref, Dynamic Range



0.587 0.794 1.000 1.351 1.703  
unitless

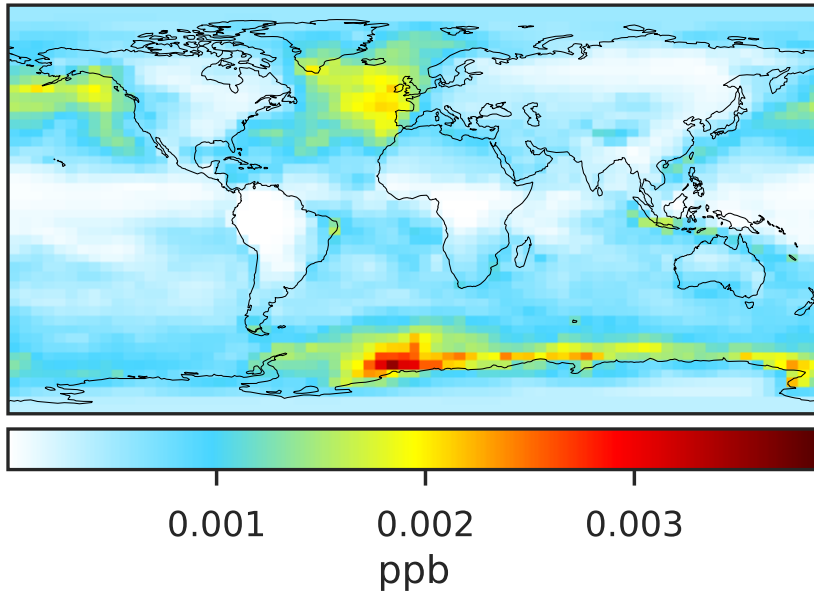
Ratio  
Dev/Ref, Fixed Range



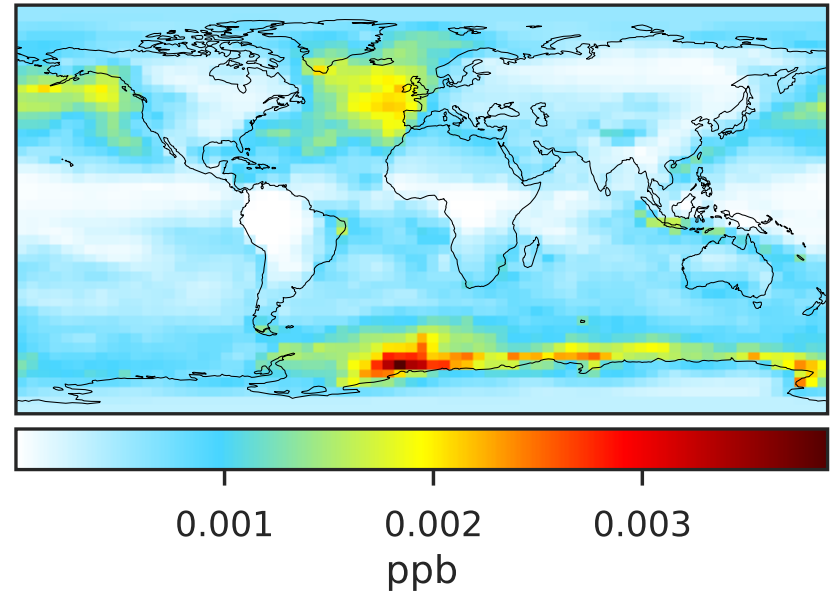
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_BrNO3 (Oct2019)

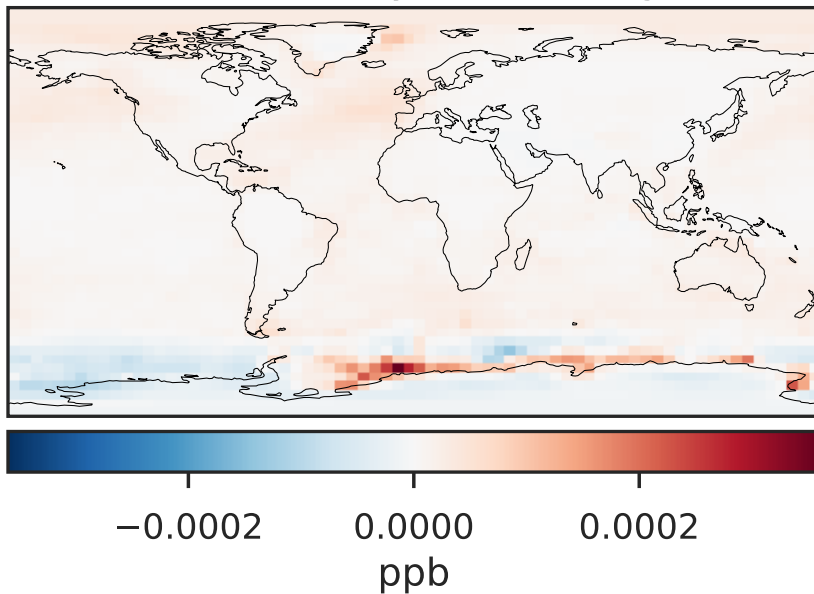
14.2.0-rc.2 (Ref)  
4.0x5.0



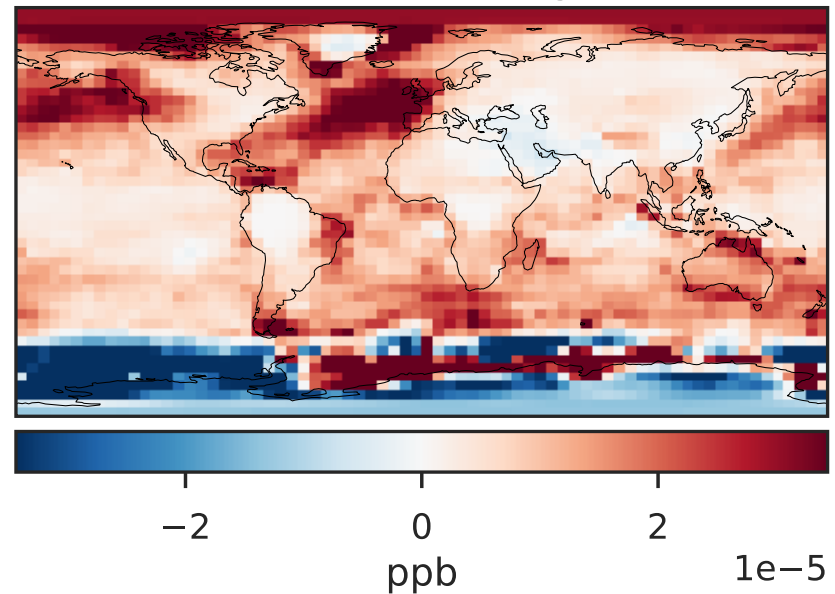
14.3.0-rc.0 (Dev)  
4.0x5.0



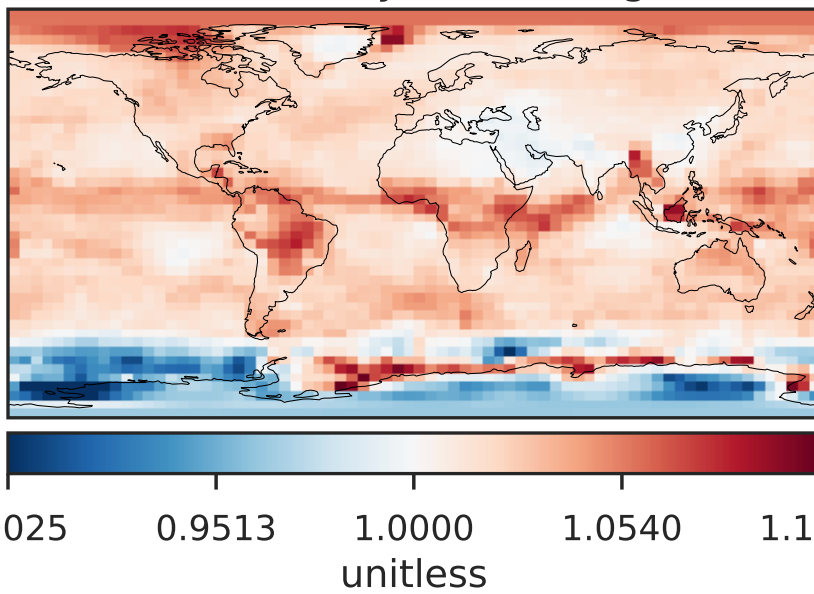
Difference  
Dev - Ref, Dynamic Range



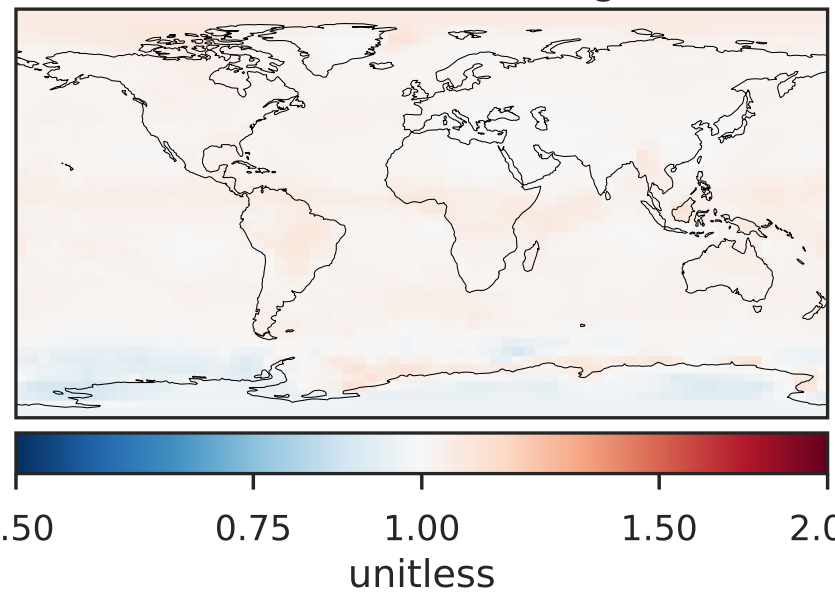
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

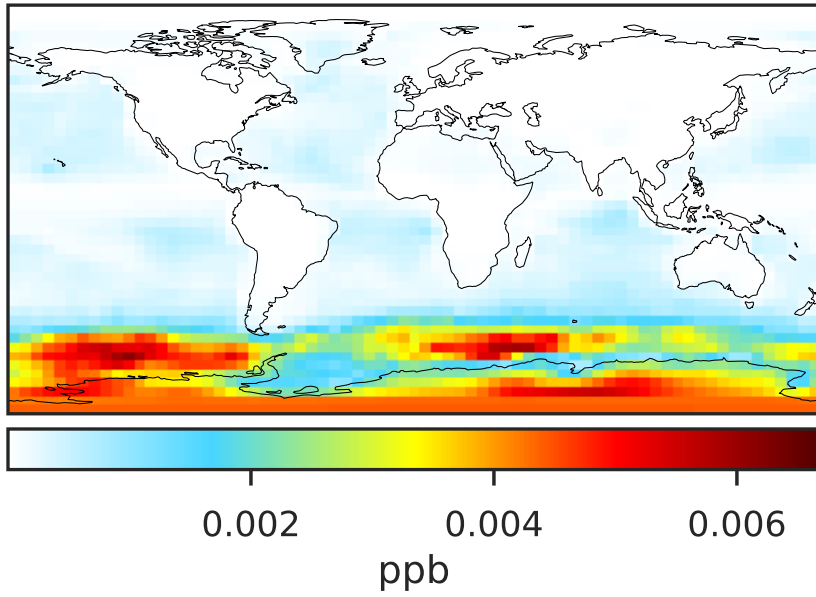


Ratio  
Dev/Ref, Fixed Range

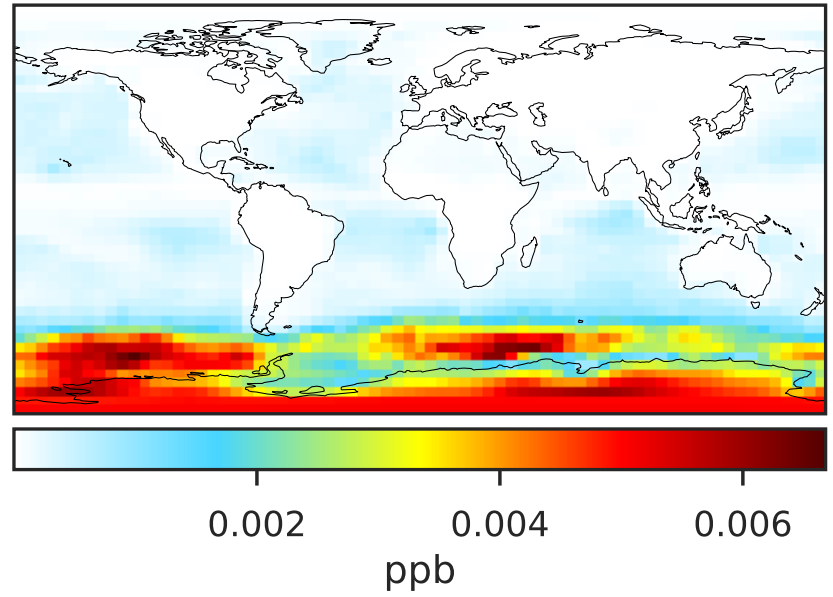


# SpeciesConcVV\_BrO (Oct2019)

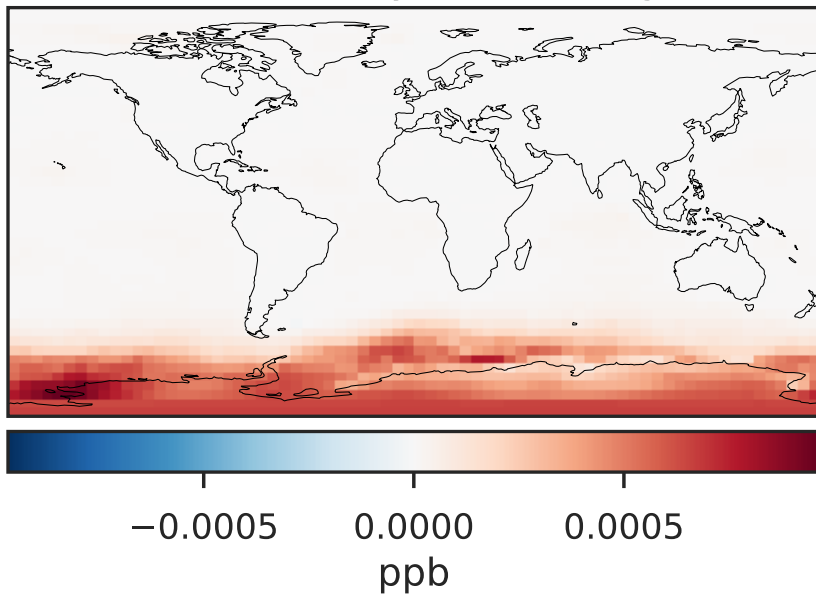
14.2.0-rc.2 (Ref)  
4.0x5.0



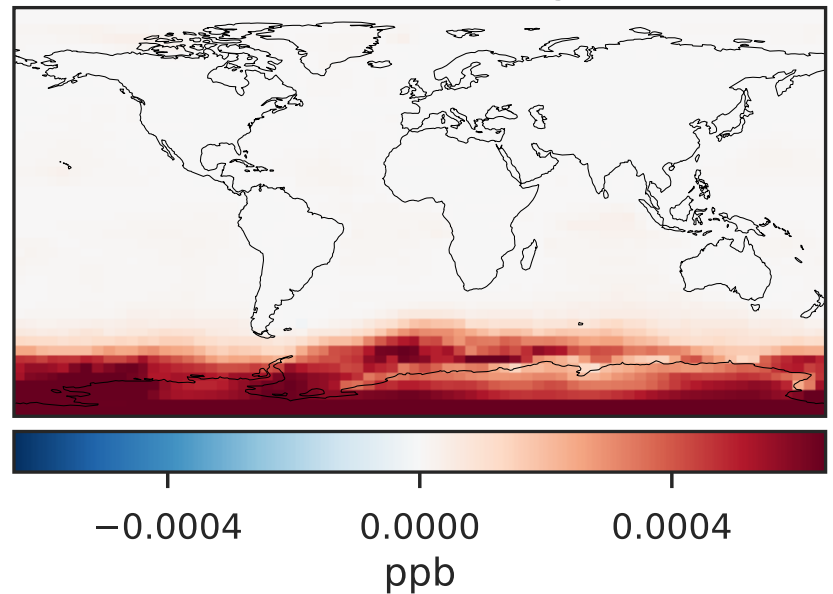
14.3.0-rc.0 (Dev)  
4.0x5.0



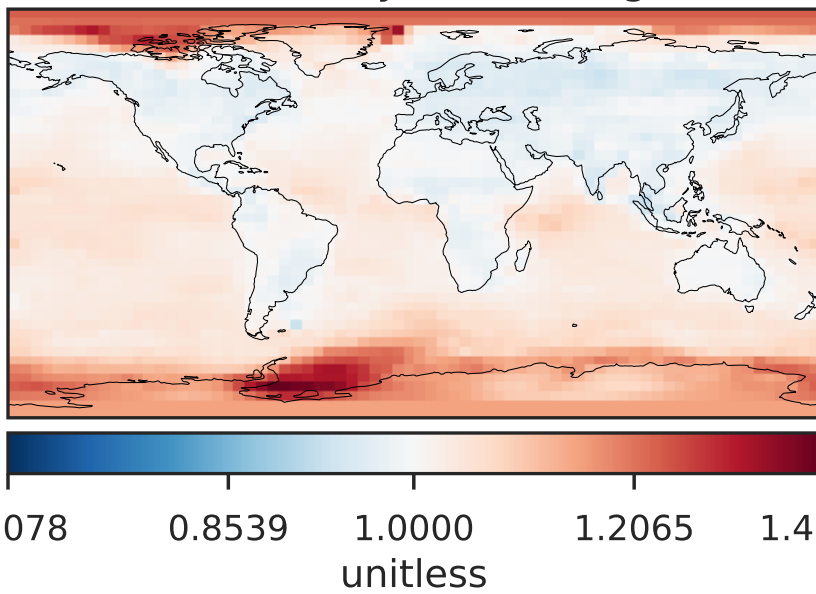
Difference  
Dev - Ref, Dynamic Range



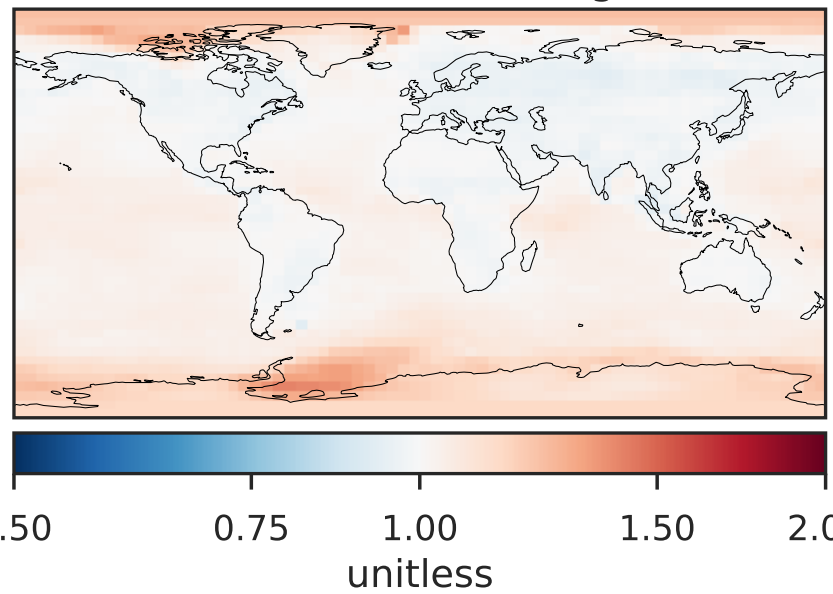
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



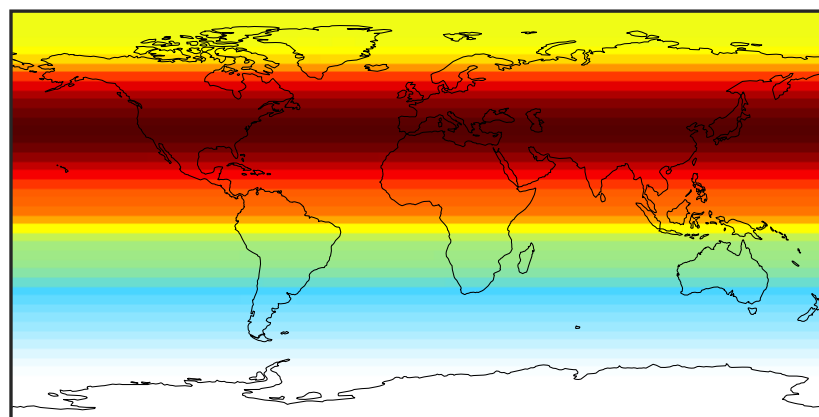
Ratio  
Dev/Ref, Fixed Range





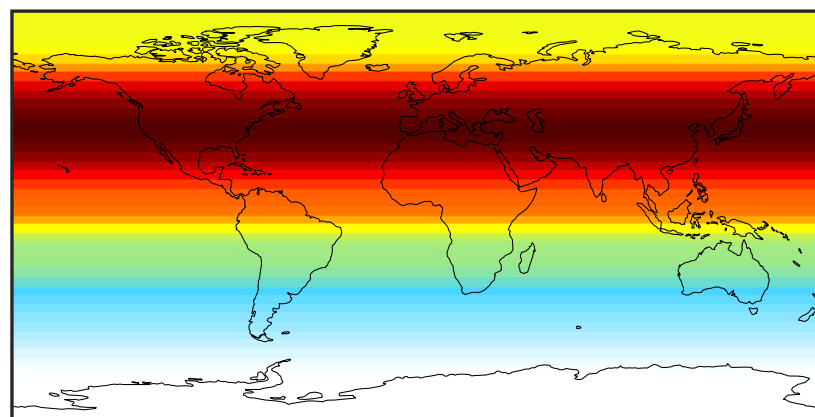
# SpeciesConcVV\_CH3Br (Oct2019)

14.2.0-rc.2 (Ref)  
4.0x5.0



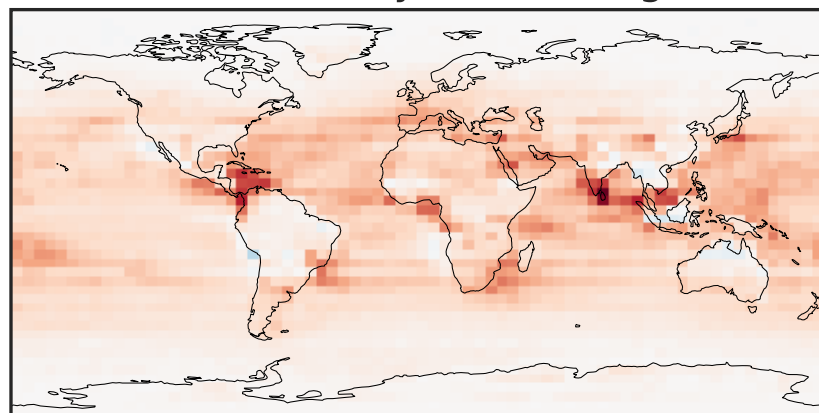
0.0063 0.0066 0.0069  
ppb

14.3.0-rc.0 (Dev)  
4.0x5.0



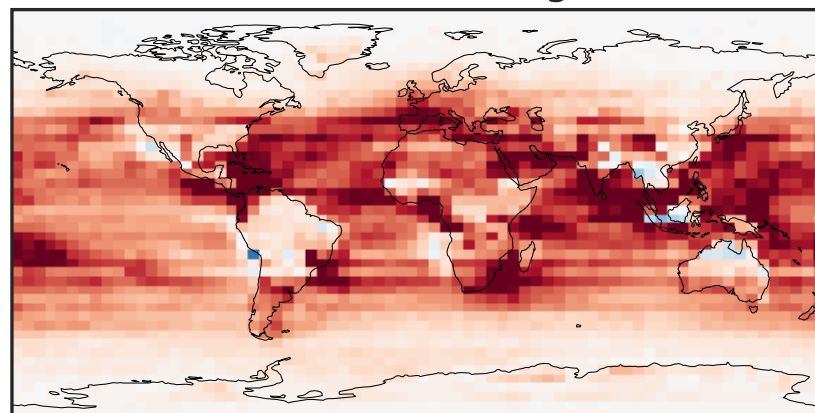
0.0063 0.0066 0.0069  
ppb

Difference  
Dev - Ref, Dynamic Range



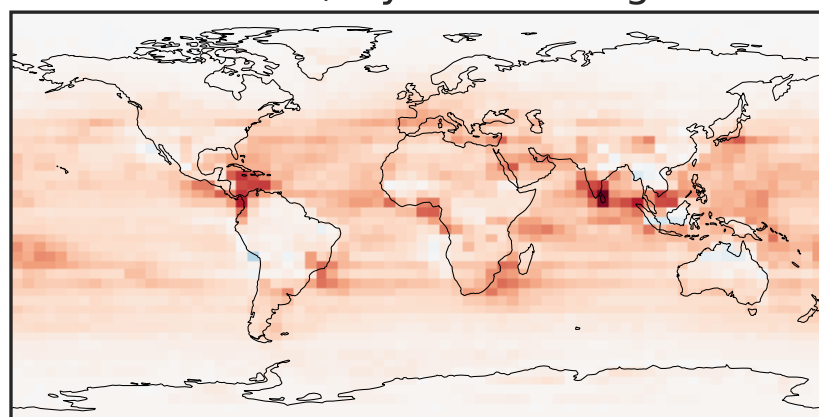
-2.5 0.0 2.5  
ppb 1e-8

Difference  
Dev - Ref, Restricted Range [5%,95%]



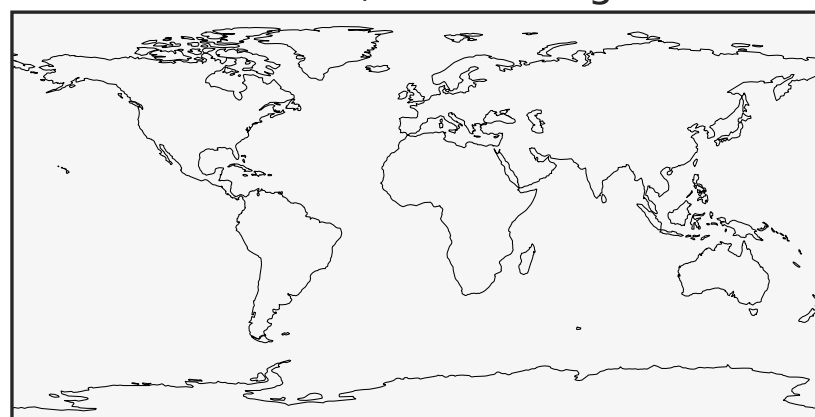
-1 0 1  
ppb 1e-8

Ratio  
Dev/Ref, Dynamic Range



0.9999932 1.0000000 1.0000068  
unitless

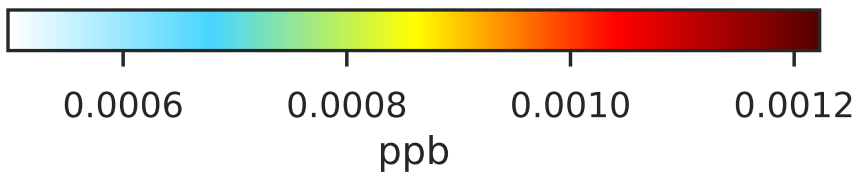
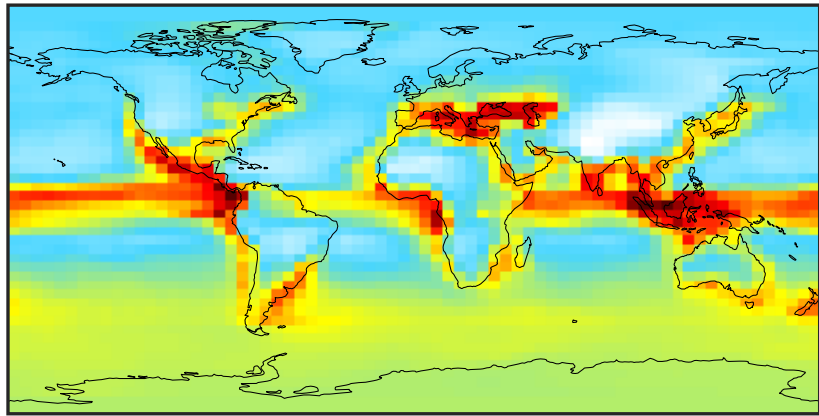
Ratio  
Dev/Ref, Fixed Range



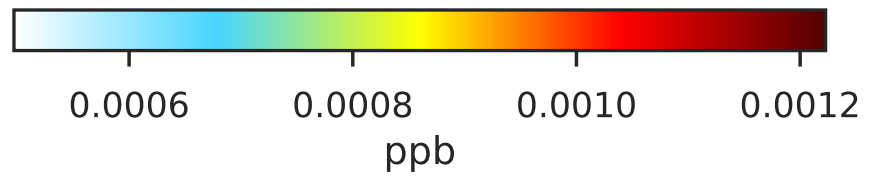
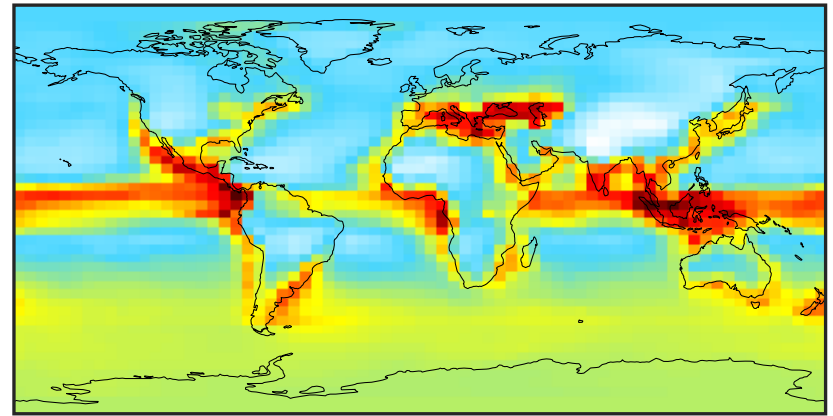
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_CH2Br2 (Oct2019)

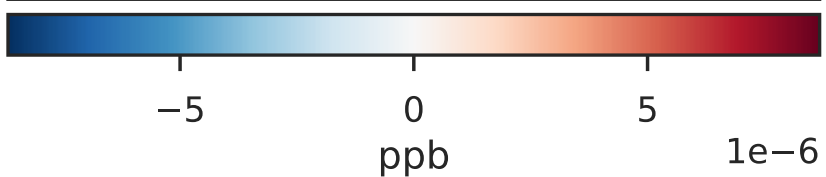
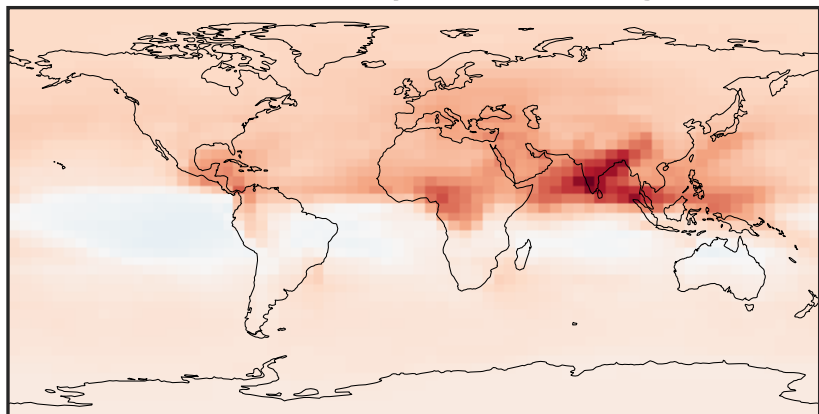
14.2.0-rc.2 (Ref)  
4.0x5.0



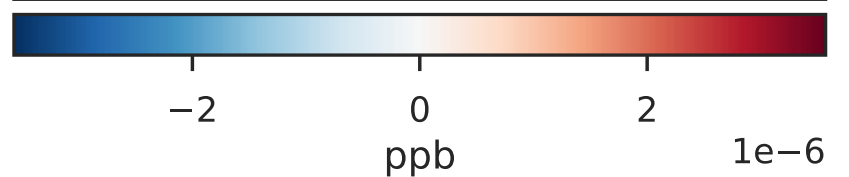
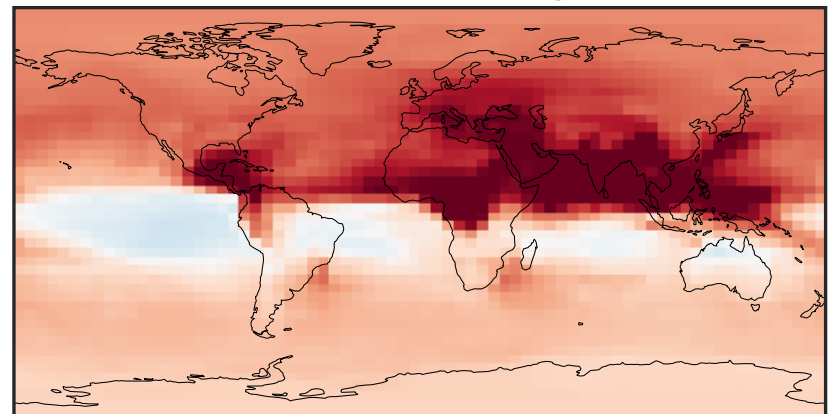
14.3.0-rc.0 (Dev)  
4.0x5.0



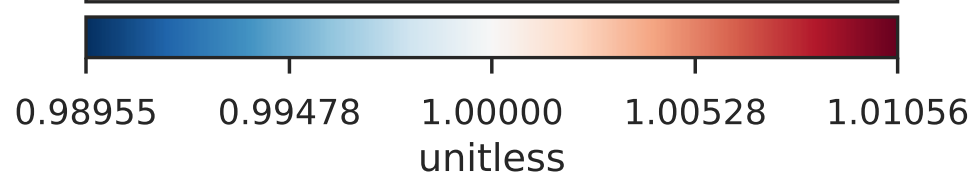
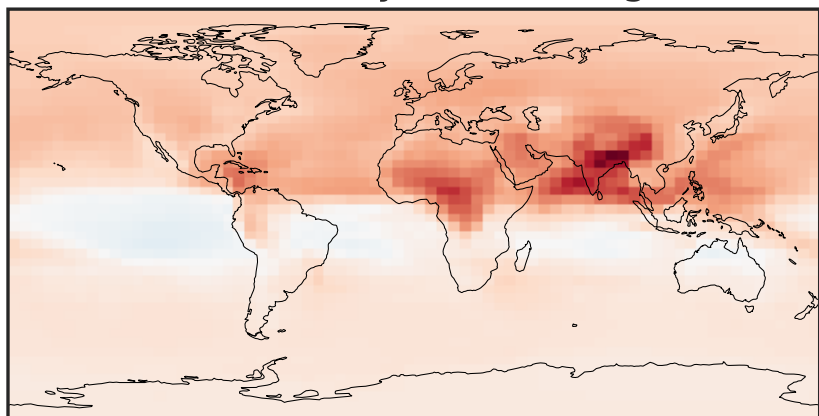
Difference  
Dev - Ref, Dynamic Range



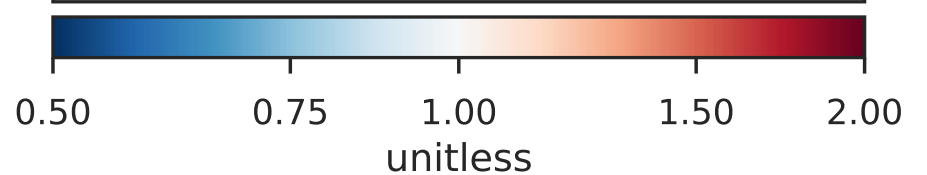
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

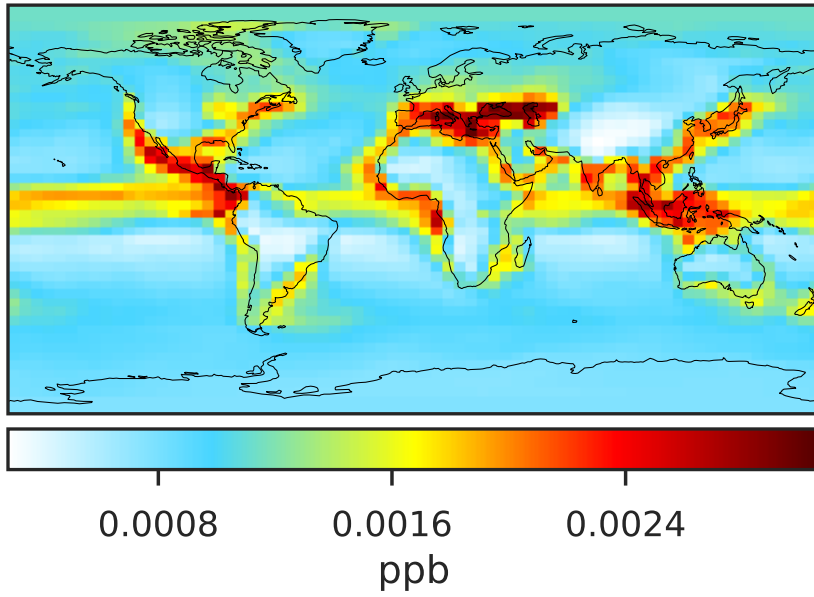


Ratio  
Dev/Ref, Fixed Range

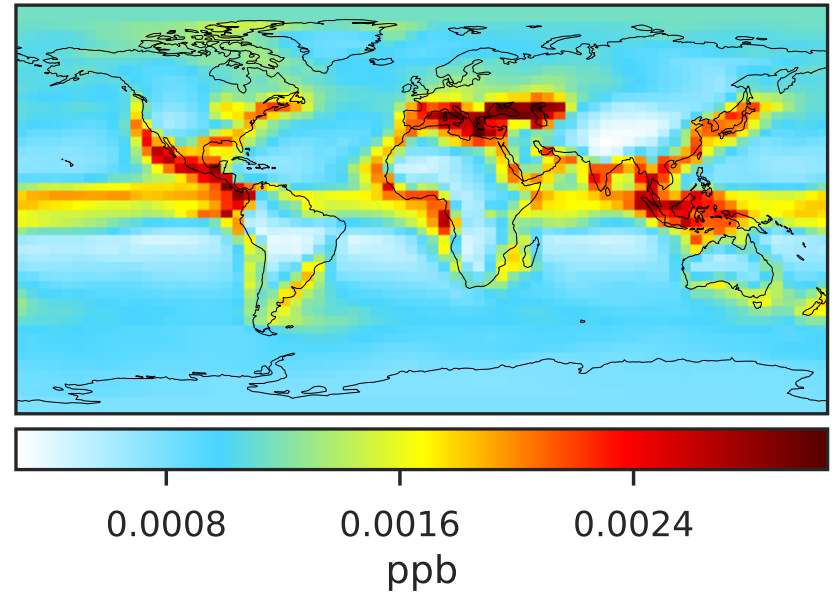


# SpeciesConcVV\_CHBr3 (Oct2019)

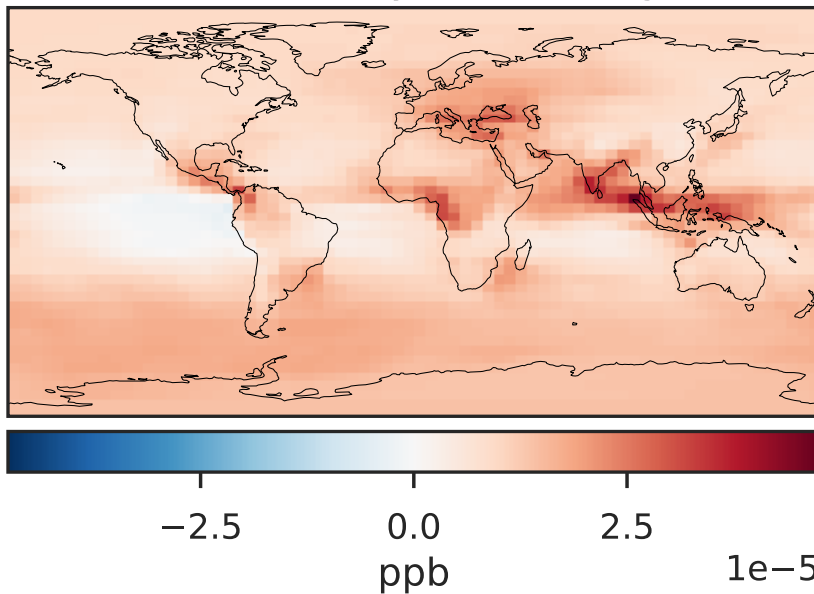
14.2.0-rc.2 (Ref)  
4.0x5.0



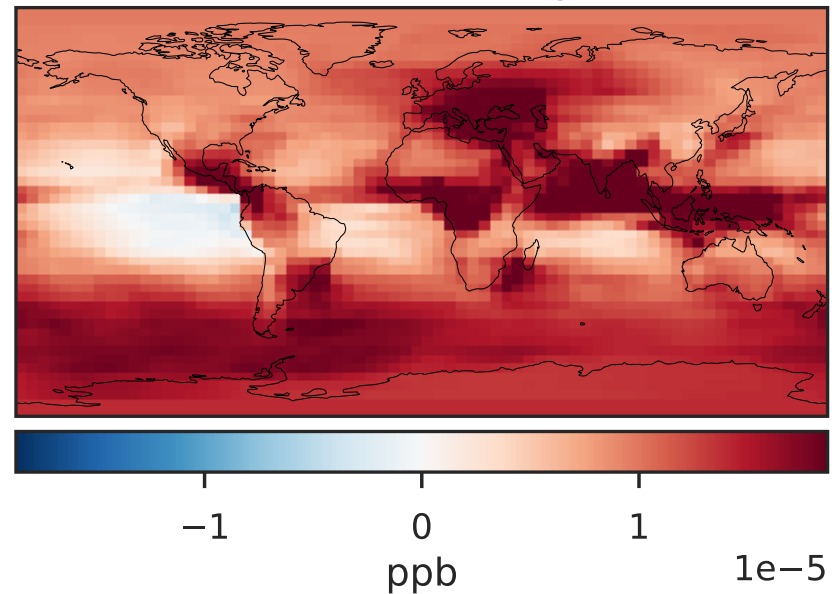
14.3.0-rc.0 (Dev)  
4.0x5.0



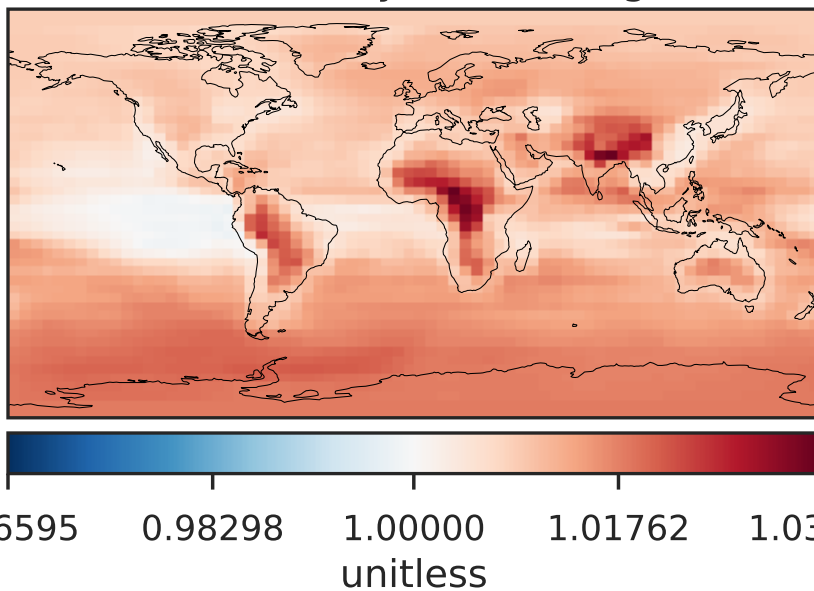
Difference  
Dev - Ref, Dynamic Range



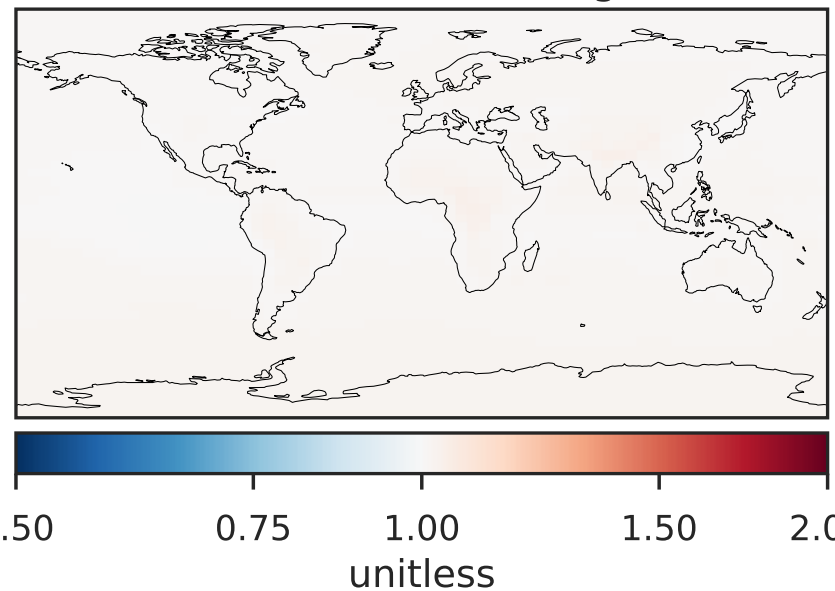
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

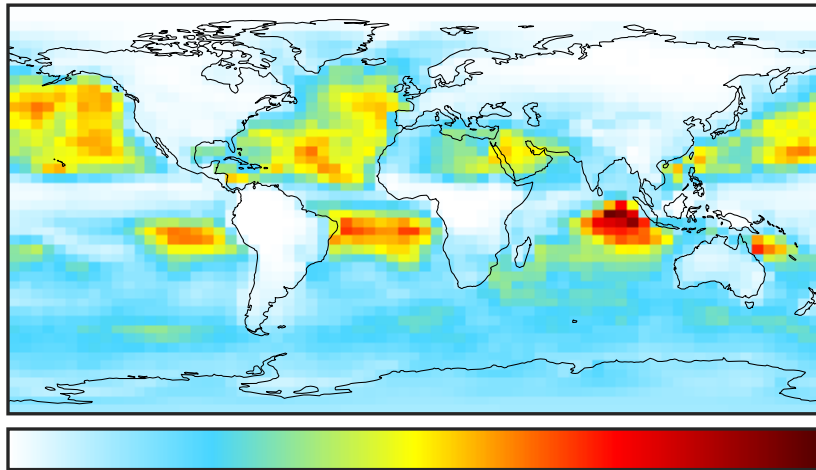


0.96595 0.98298 1.00000 1.01762 1.03525  
unitless

0.50 0.75 1.00 1.50 2.00  
unitless

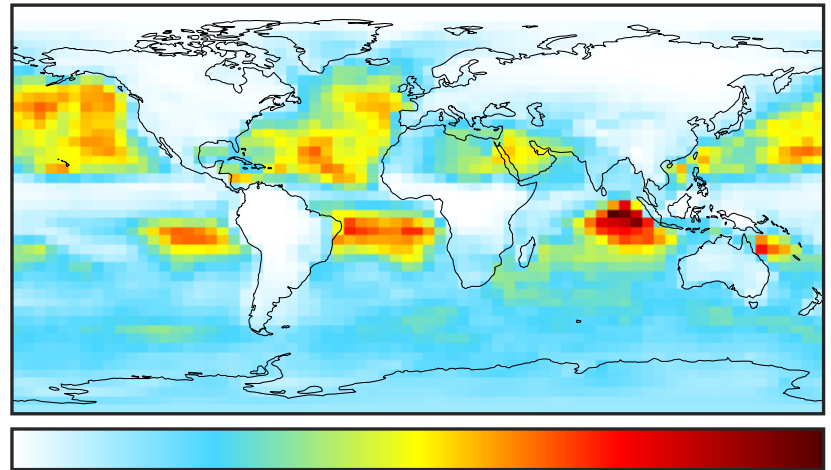
# SpeciesConcVV\_HOBr (Oct2019)

14.2.0-rc.2 (Ref)  
4.0x5.0



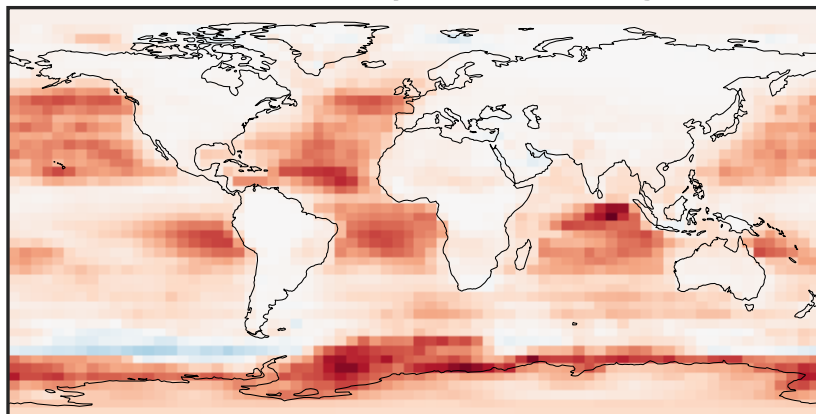
0.0015 0.0030  
ppb

14.3.0-rc.0 (Dev)  
4.0x5.0



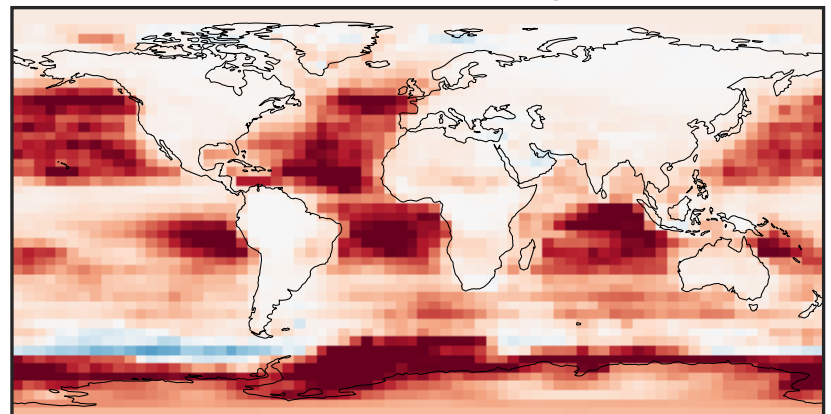
0.0015 0.0030  
ppb

Difference  
Dev - Ref, Dynamic Range



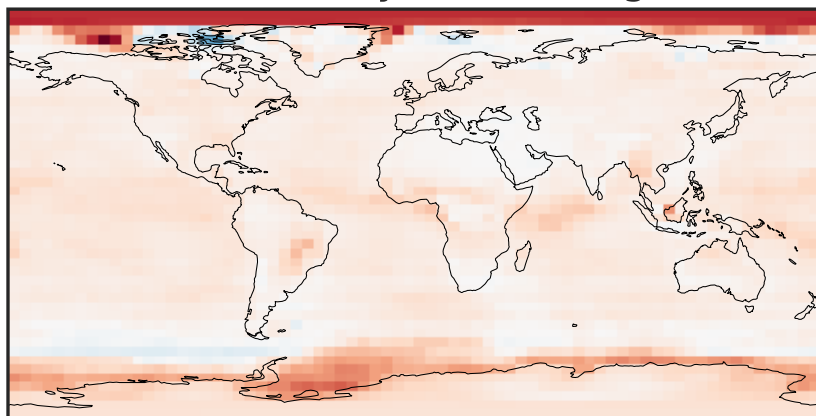
-8 0 8  
ppb  $1e-5$

Difference  
Dev - Ref, Restricted Range [5%,95%]



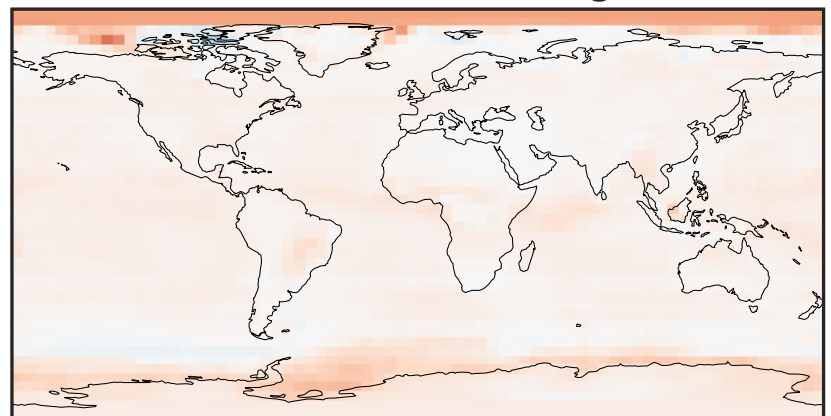
-5 0 5  
ppb  $1e-5$

Ratio  
Dev/Ref, Dynamic Range



0.6857 0.8429 1.0000 1.2292 1.4583  
unitless

Ratio  
Dev/Ref, Fixed Range

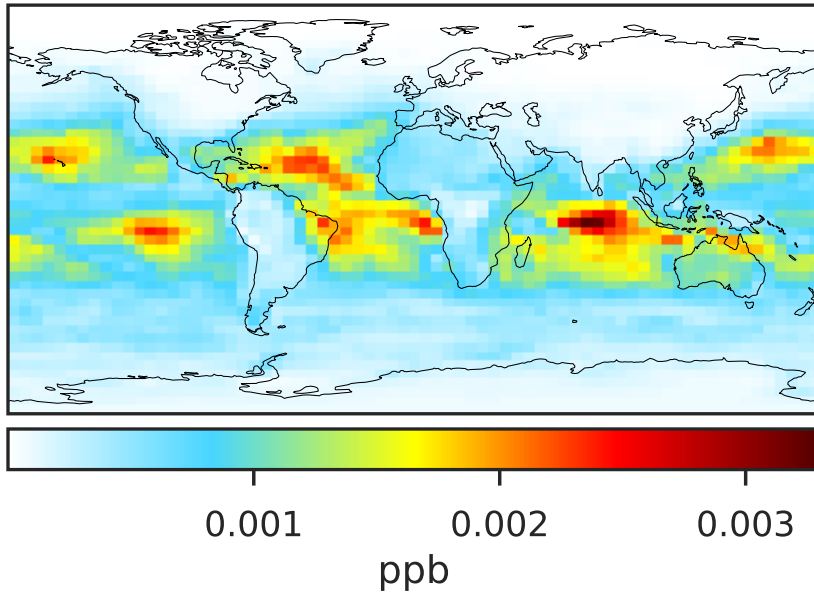


0.50 0.75 1.00 1.50 2.00  
unitless

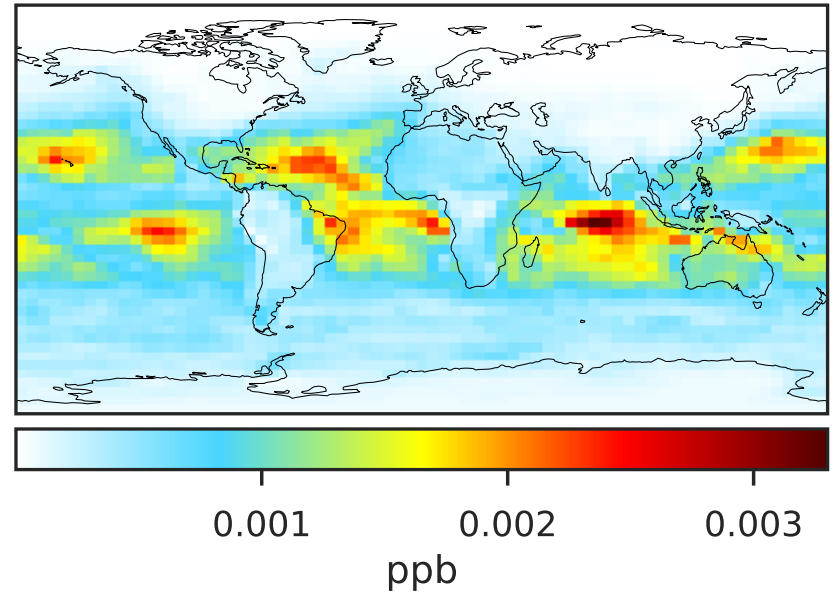


# SpeciesConcVV\_HBr (Oct2019)

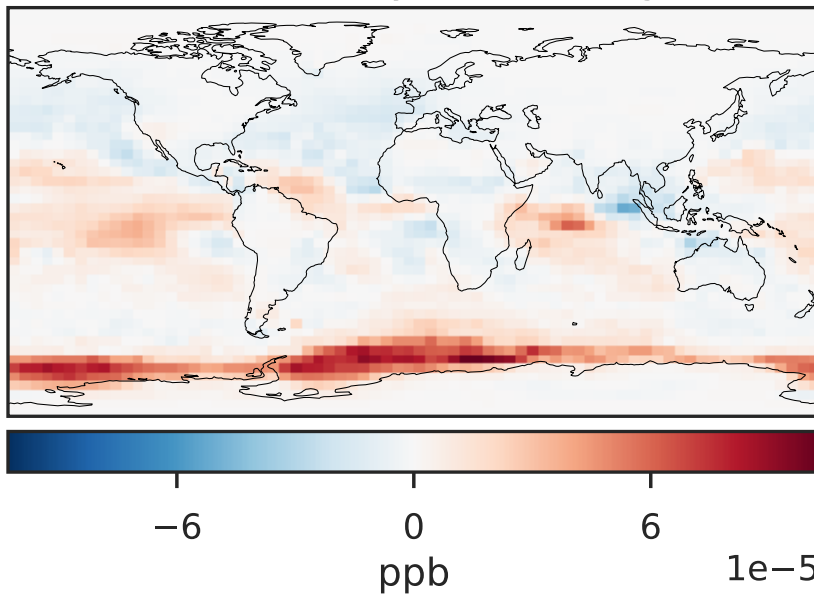
14.2.0-rc.2 (Ref)  
4.0x5.0



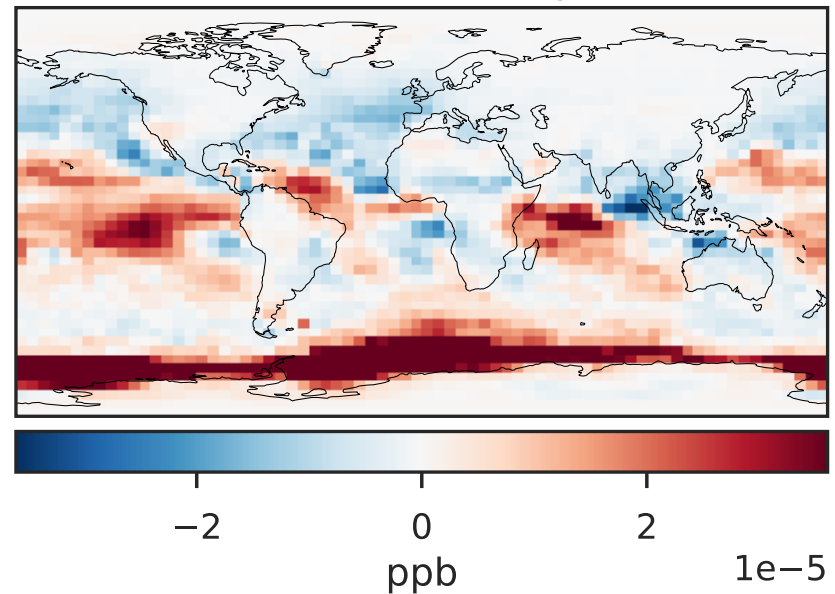
14.3.0-rc.0 (Dev)  
4.0x5.0



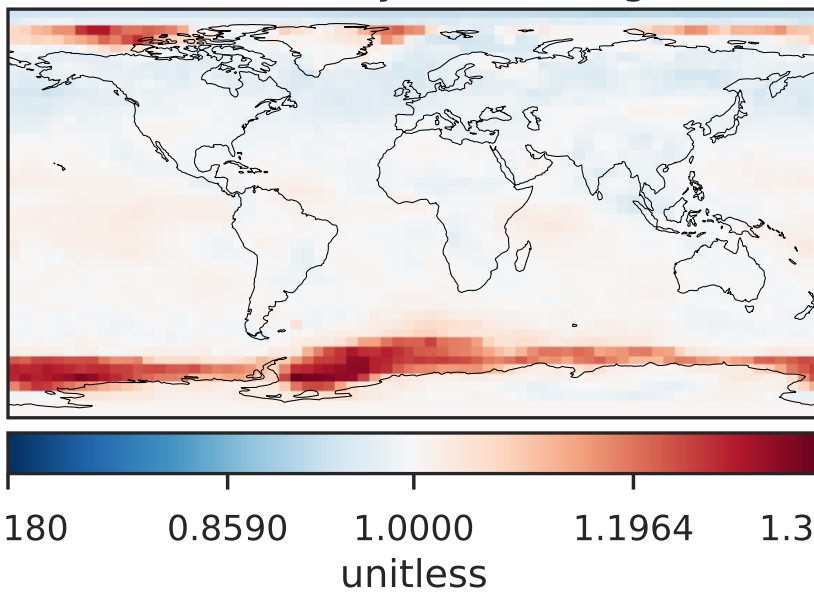
Difference  
Dev - Ref, Dynamic Range



Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

