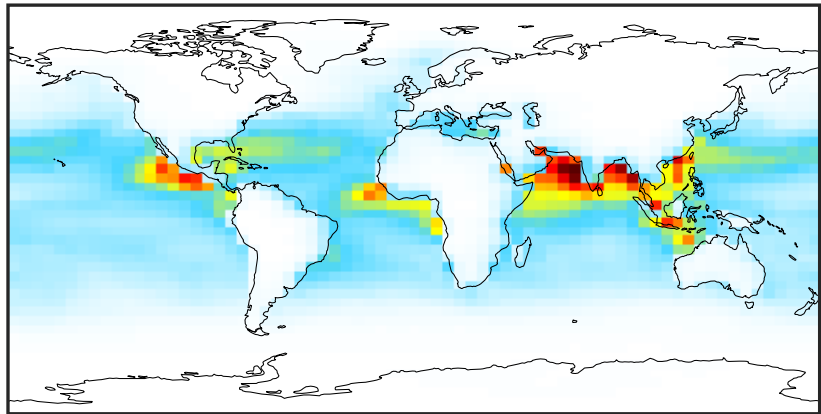


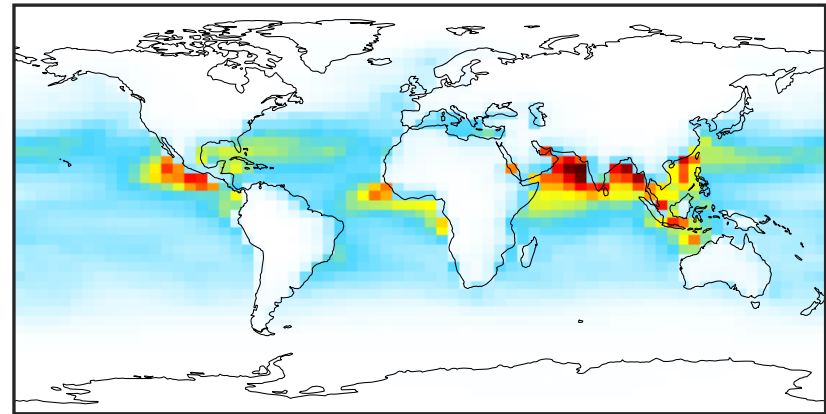
SpeciesConcVV_Iy (Apr2019)

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



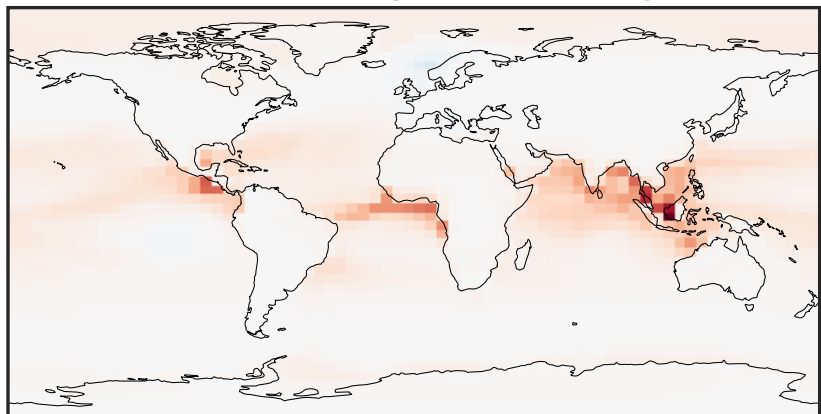
0.008 0.016 0.024
ppb

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



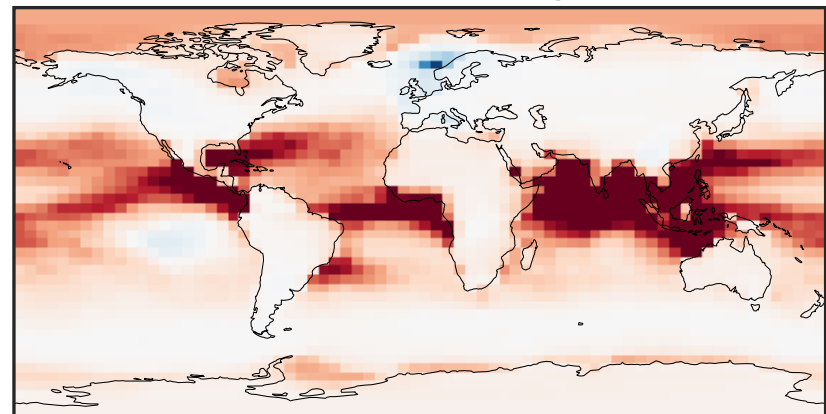
0.008 0.016 0.024
ppb

Difference
Dev - Ref, Dynamic Range



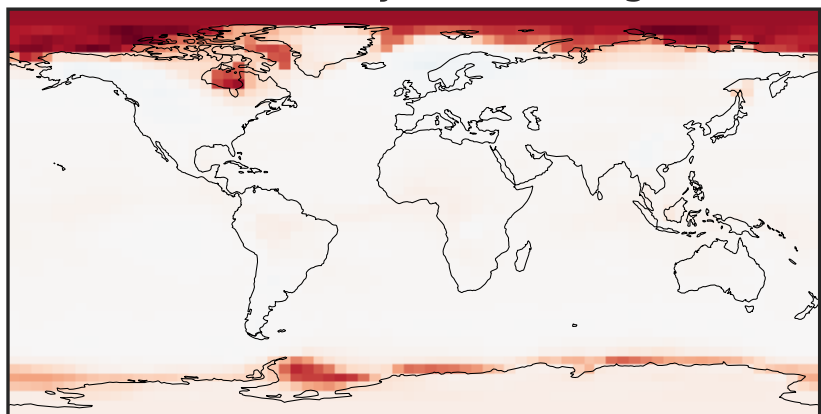
-0.0003 0.0000 0.0003
ppb

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



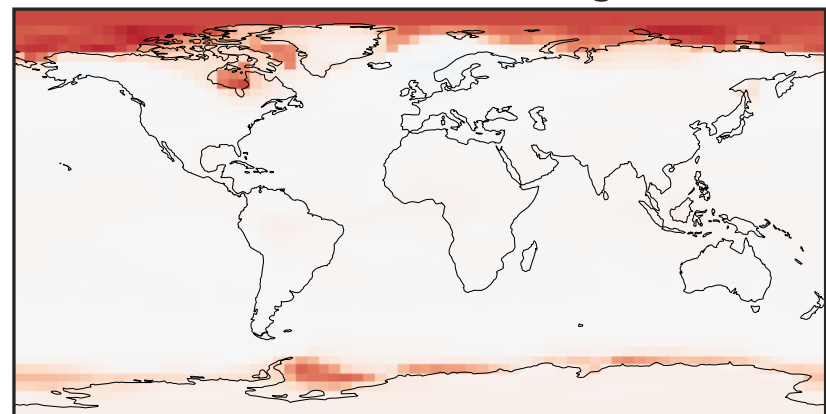
-5 0 5
ppb $1e-5$

Ratio
Dev/Ref, Dynamic Range



0.586 0.793 1.000 1.353 1.705
unitless

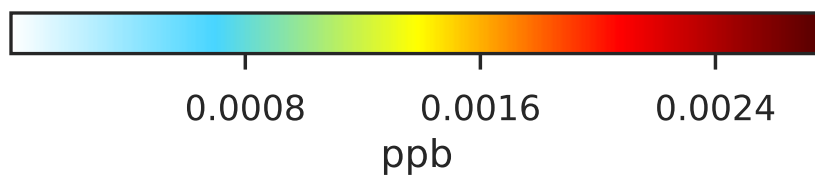
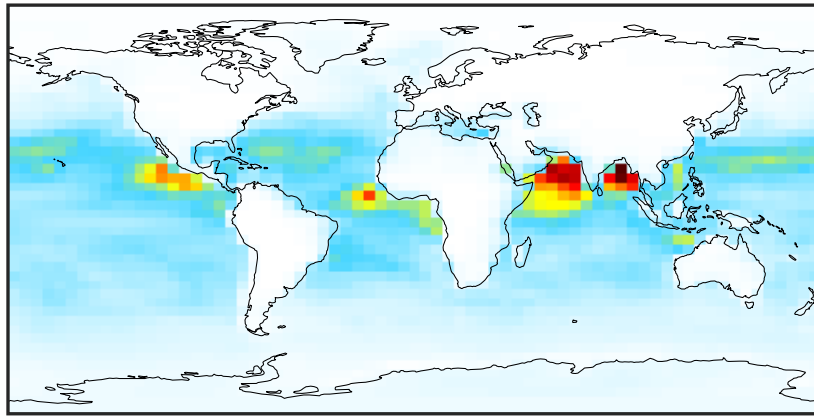
Ratio
Dev/Ref, Fixed Range



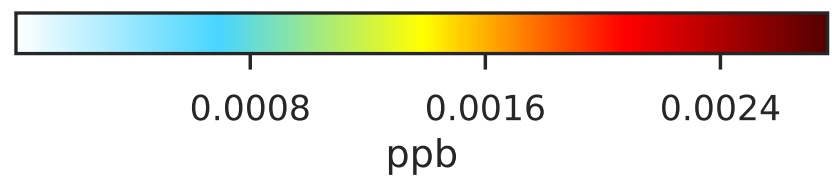
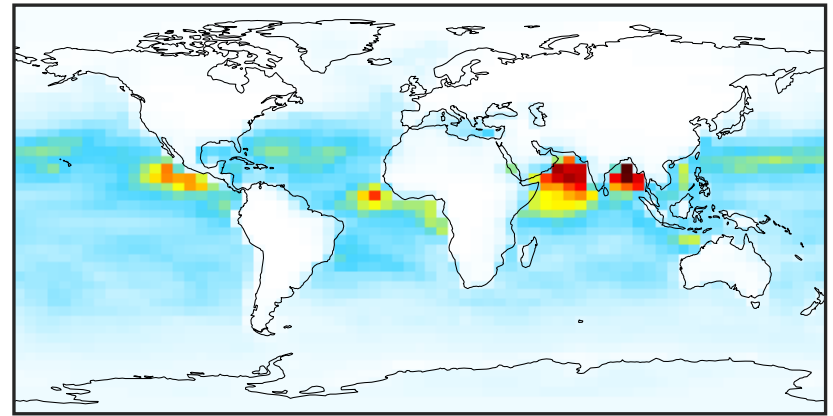
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_IxOy (Apr2019)

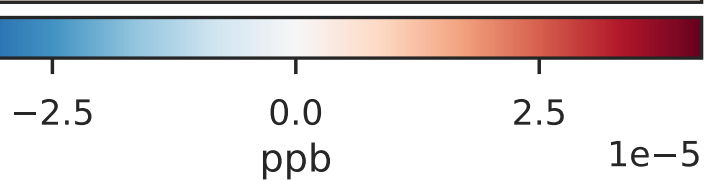
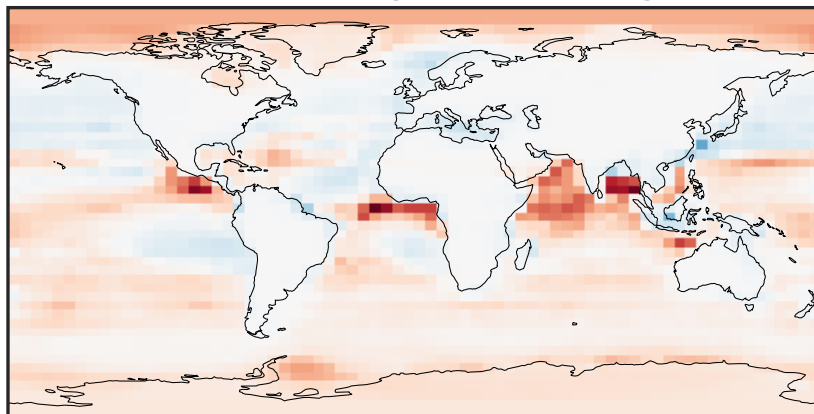
14.2.0-rc.2 (Ref)
4.0x5.0



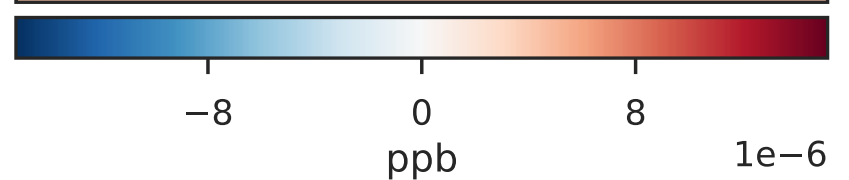
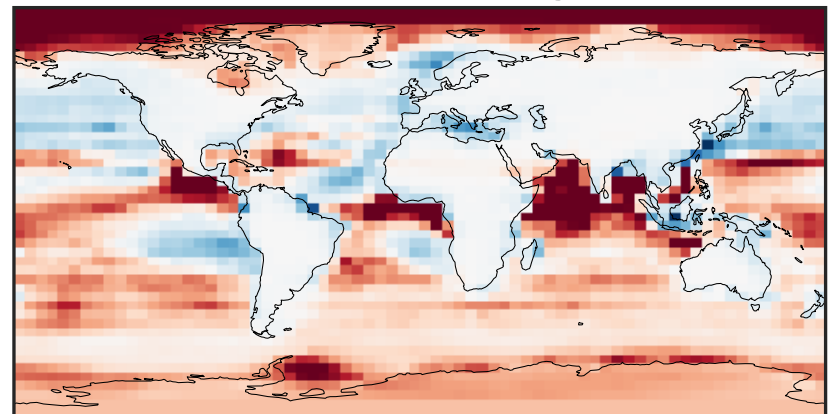
14.3.0-rc.0 (Dev)
4.0x5.0



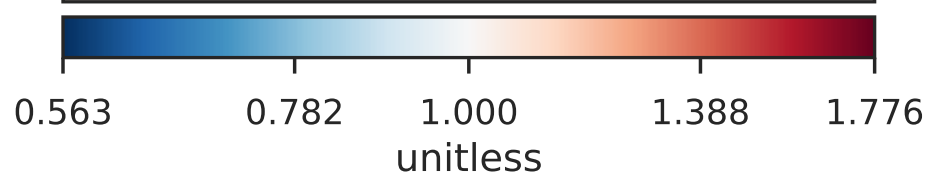
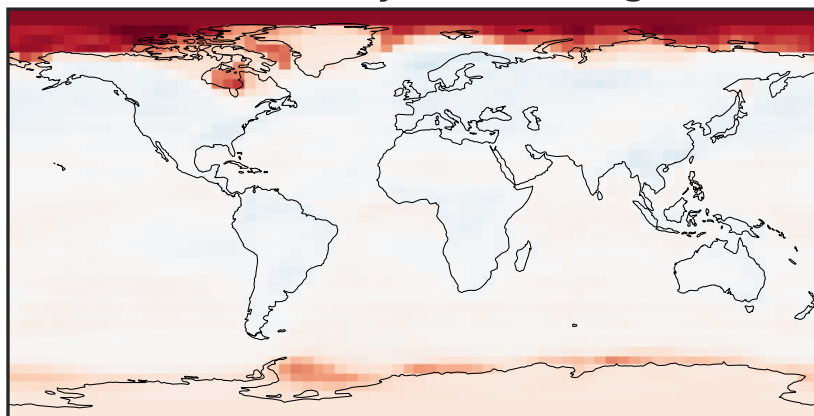
Difference
Dev - Ref, Dynamic Range



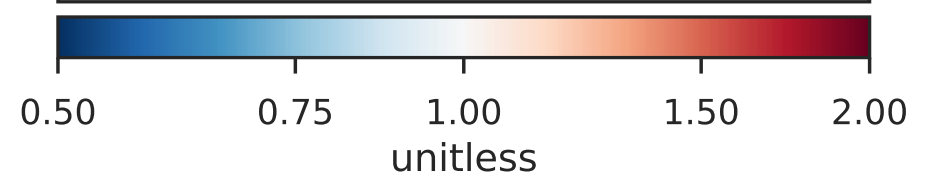
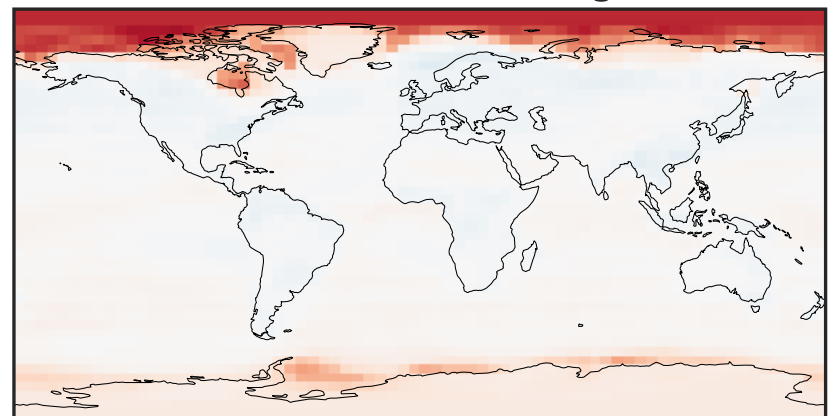
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

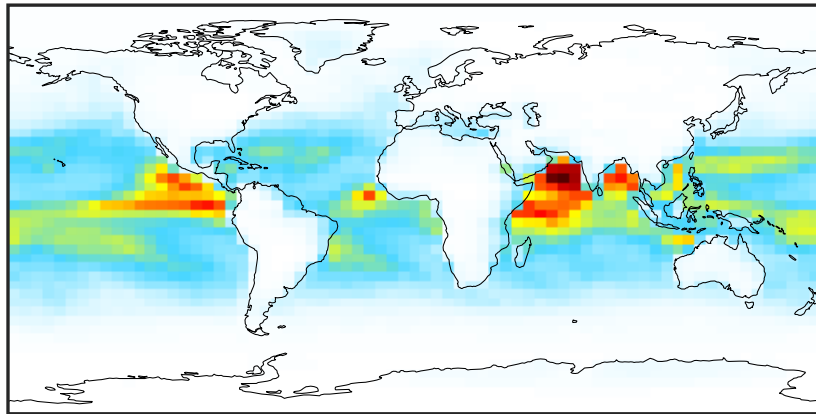


Ratio
Dev/Ref, Fixed Range



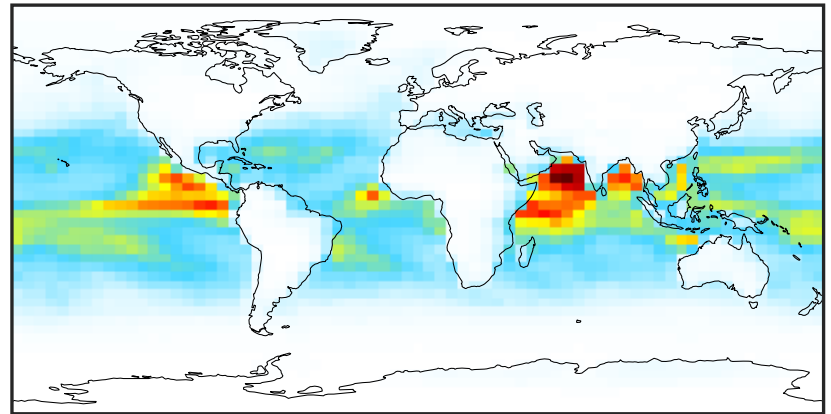
SpeciesConcVW_I (Apr2019)

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



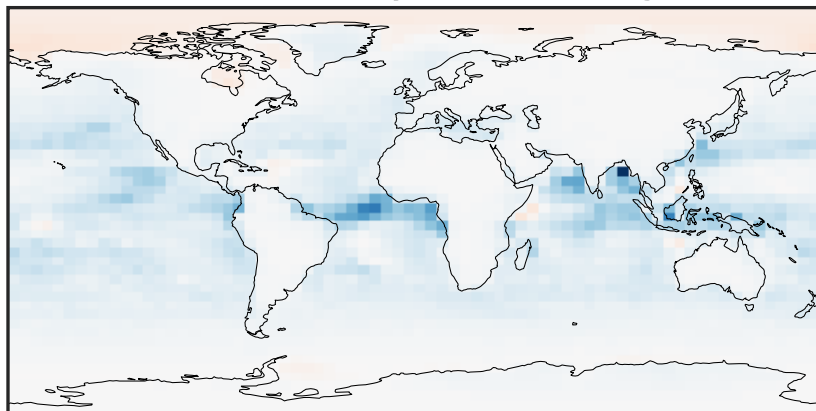
0.00015 0.00030 0.00045
ppb

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



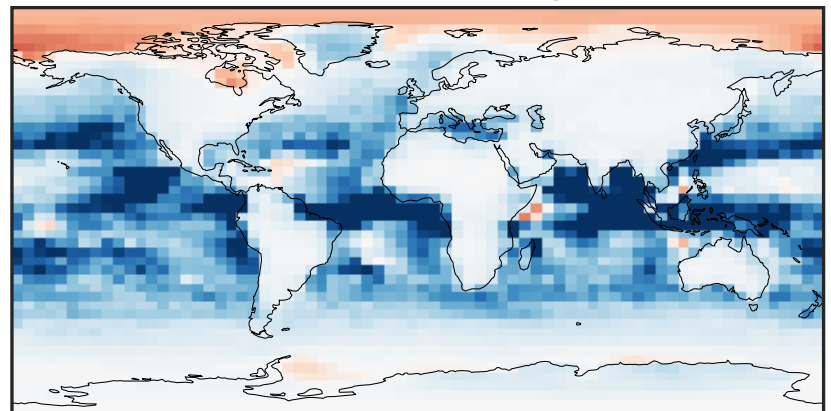
0.00015 0.00030 0.00045
ppb

Difference
Dev - Ref, Dynamic Range



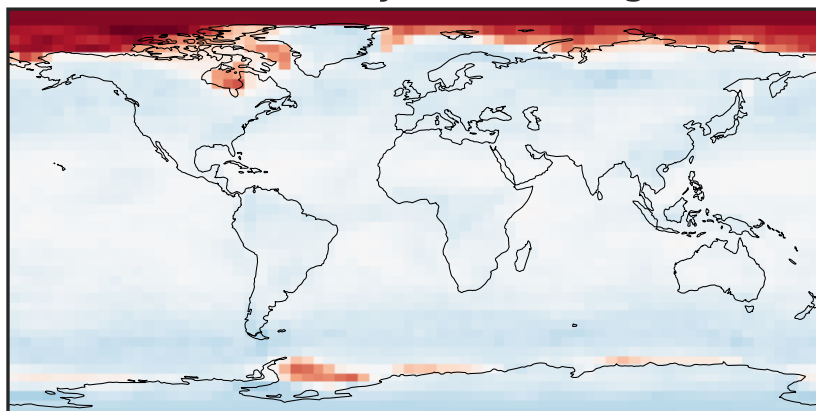
-1 0 1
ppb $1e-5$

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



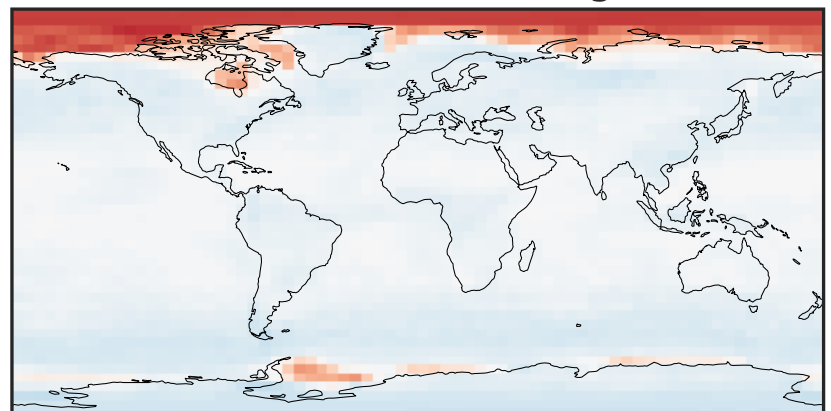
-2 0 2
ppb $1e-6$

Ratio
Dev/Ref, Dynamic Range



0.596 0.798 1.000 1.339 1.679
unitless

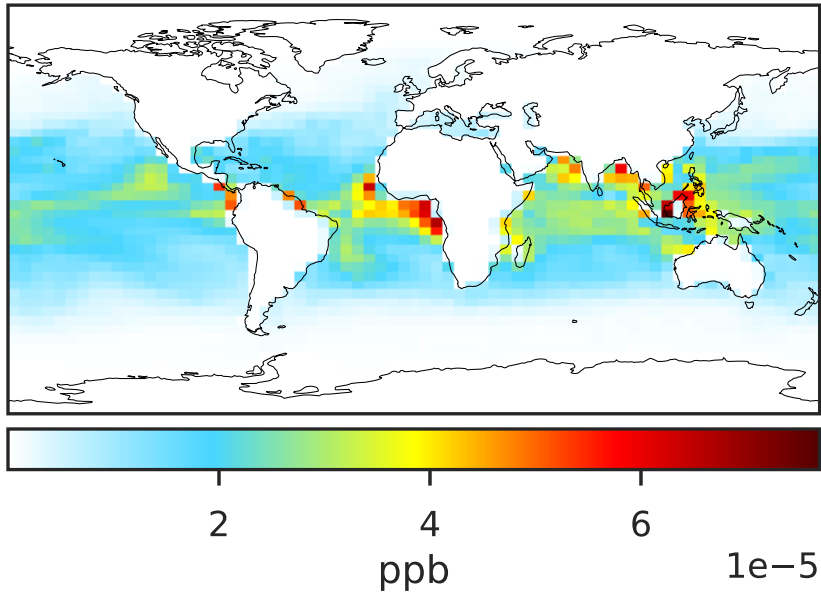
Ratio
Dev/Ref, Fixed Range



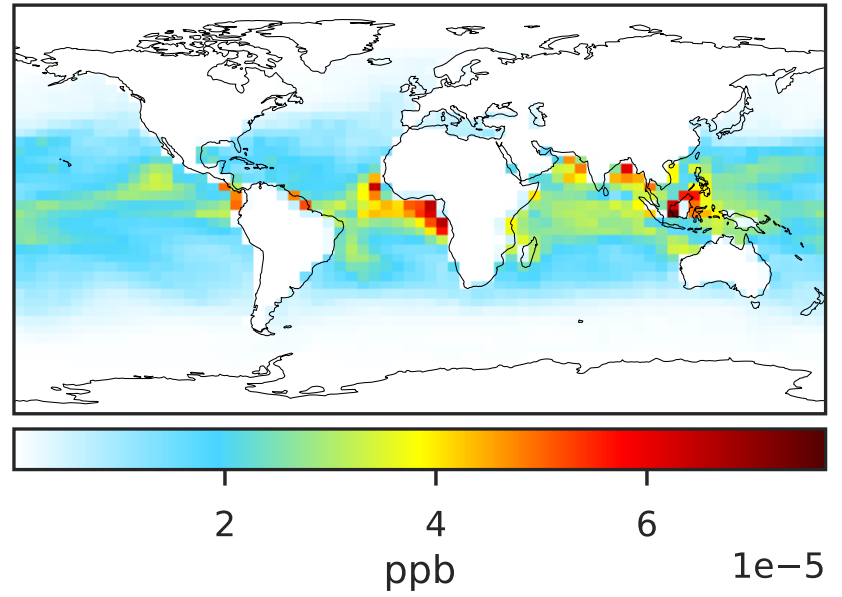
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_I2 (Apr2019)

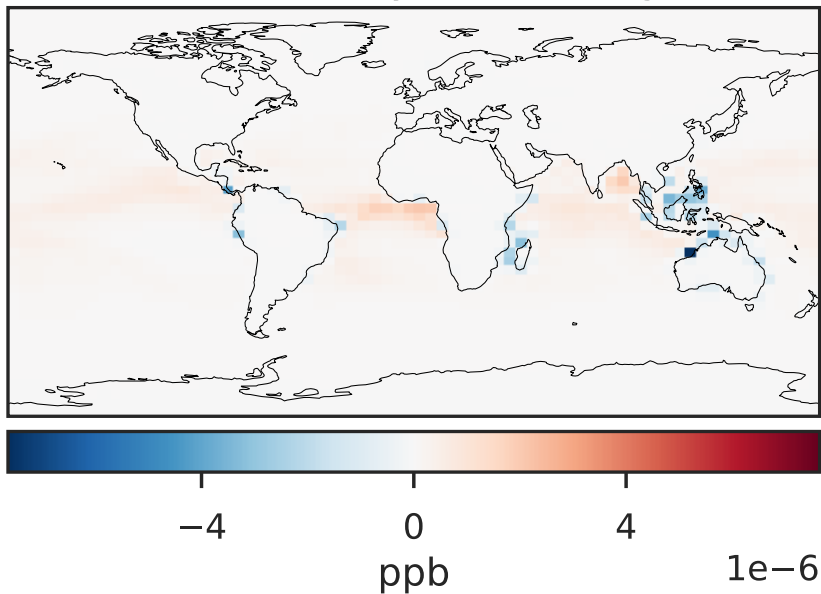
14.2.0-rc.2 (Ref)
4.0x5.0



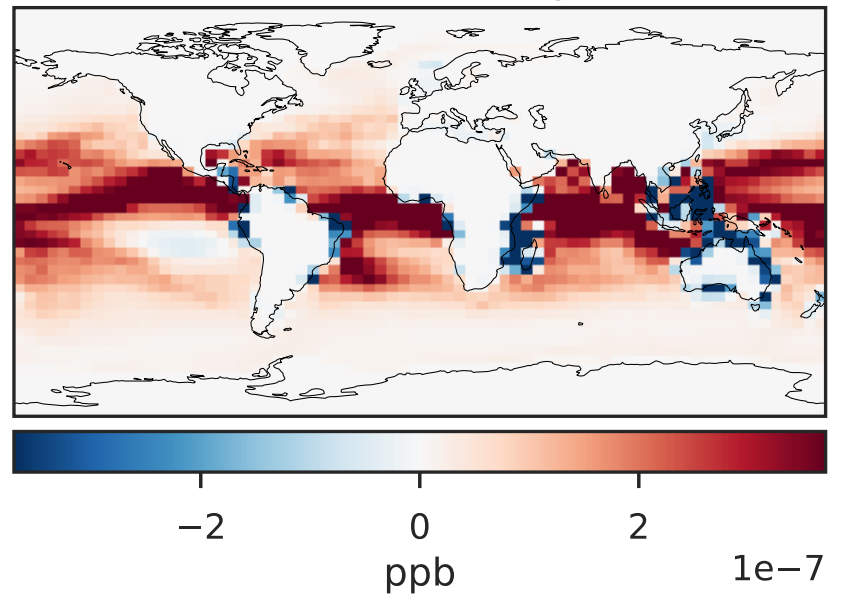
14.3.0-rc.0 (Dev)
4.0x5.0



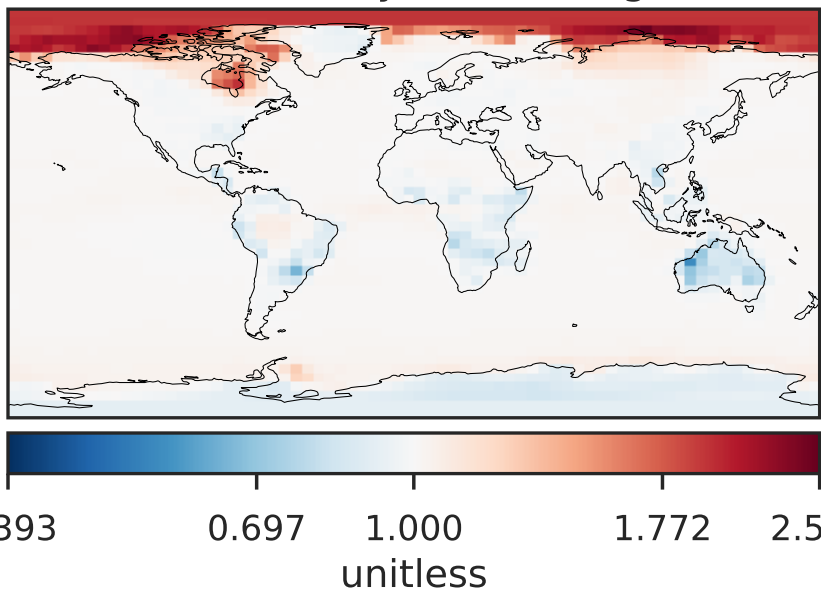
Difference
Dev - Ref, Dynamic Range



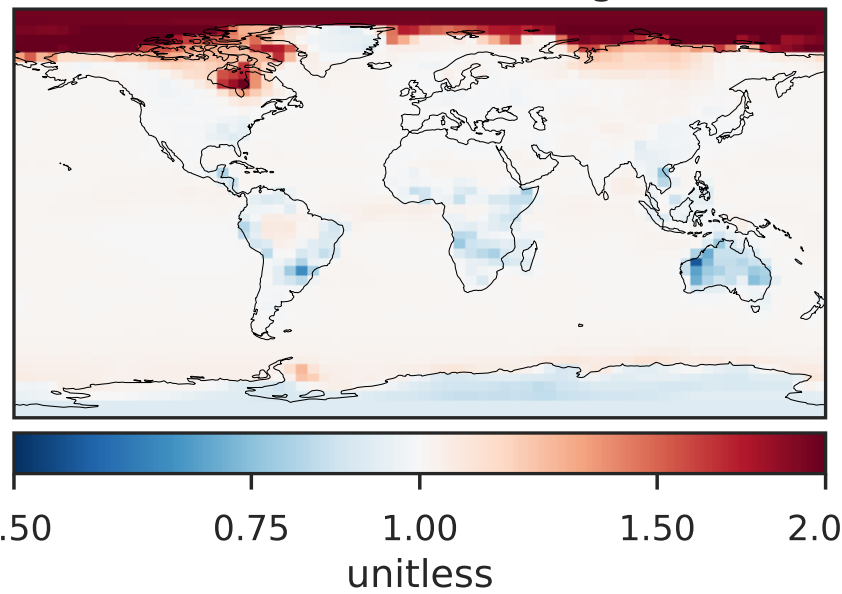
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

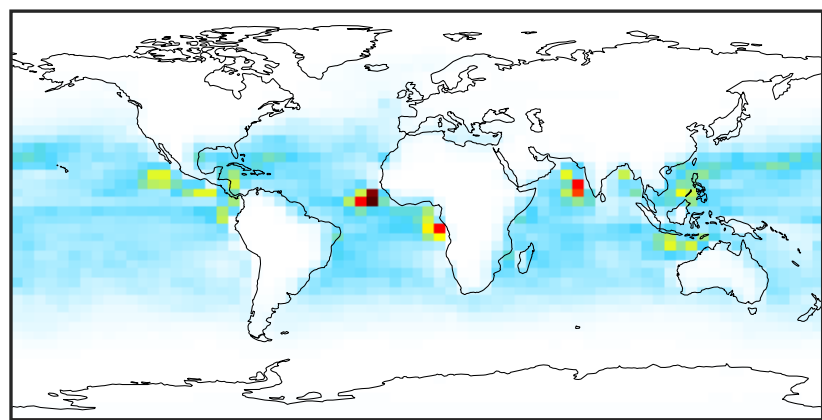


Ratio
Dev/Ref, Fixed Range



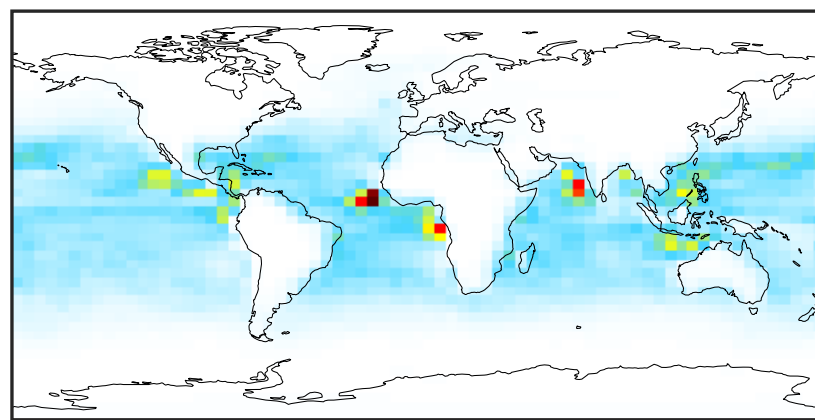
SpeciesConcVV_IBr (Apr2019)

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



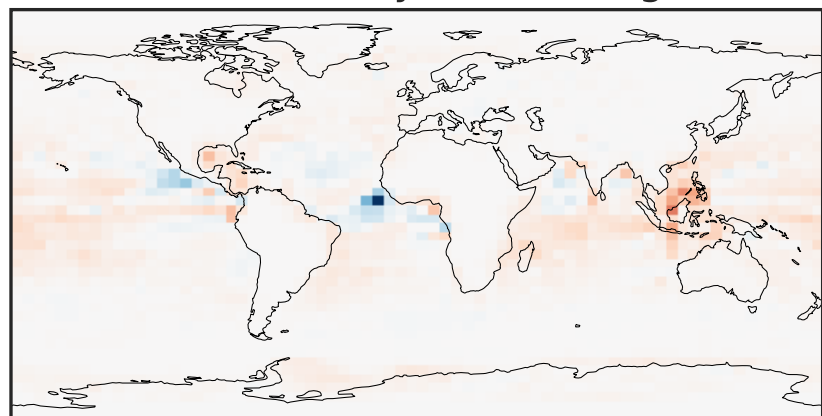
0.00008 0.00016 0.00024
ppb

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



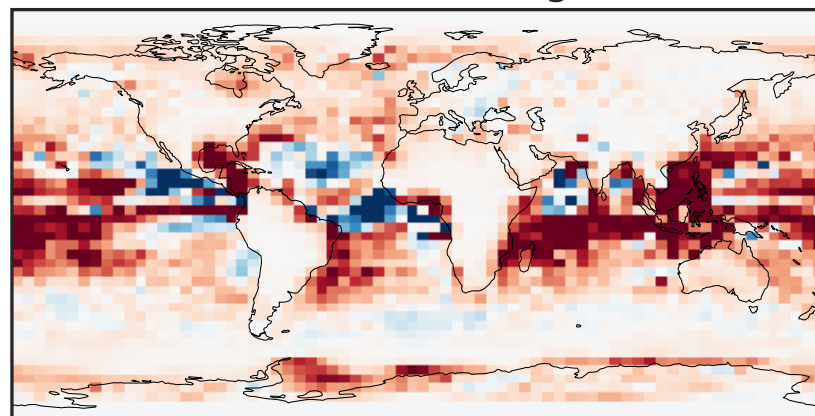
0.00008 0.00016 0.00024
ppb

Difference
Dev - Ref, Dynamic Range



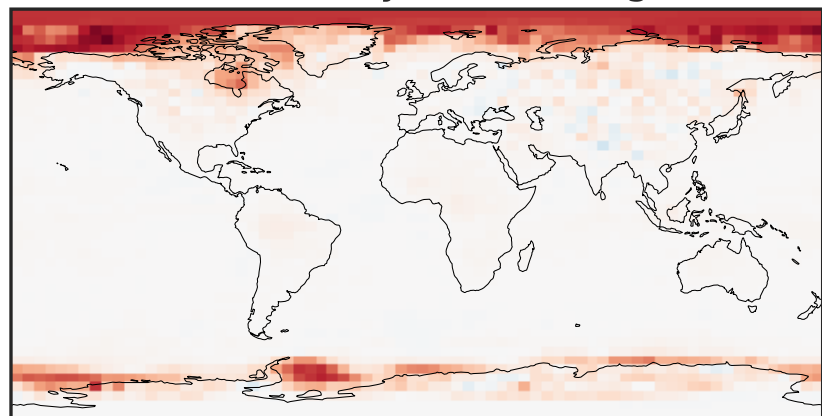
-2 0 2
ppb $1e-6$

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



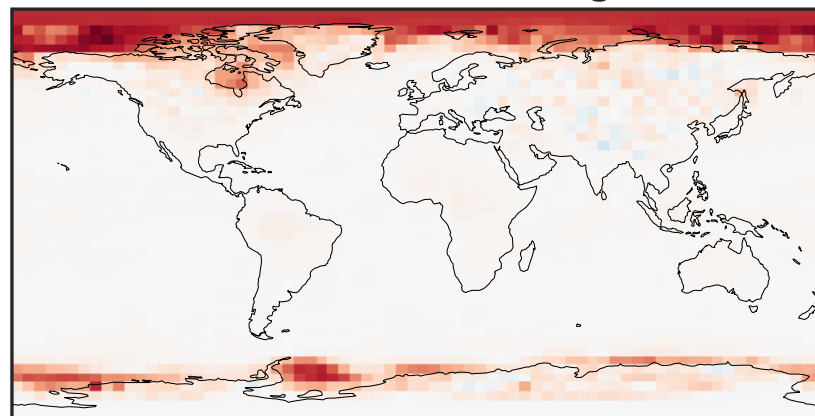
-2 0 2
ppb $1e-7$

Ratio
Dev/Ref, Dynamic Range



0.488 0.744 1.000 1.525 2.050
unitless

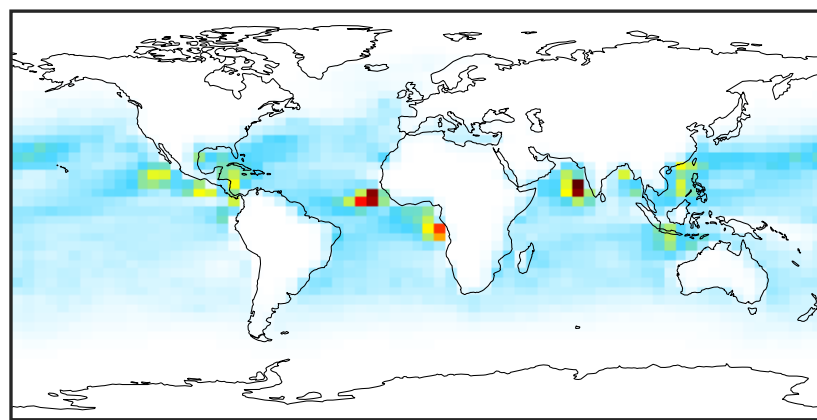
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

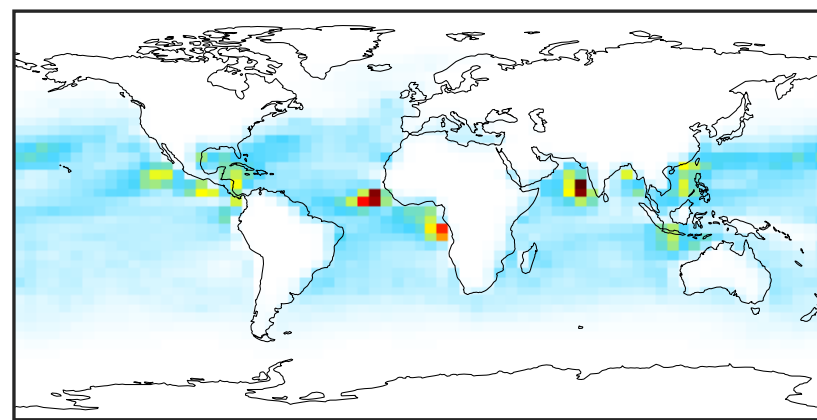
SpeciesConcVW_ICI (Apr2019)

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



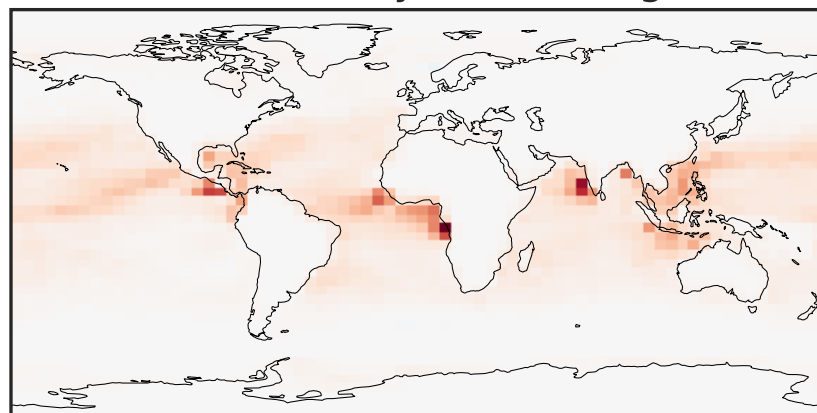
0.0008 0.0016 0.0024
ppb

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



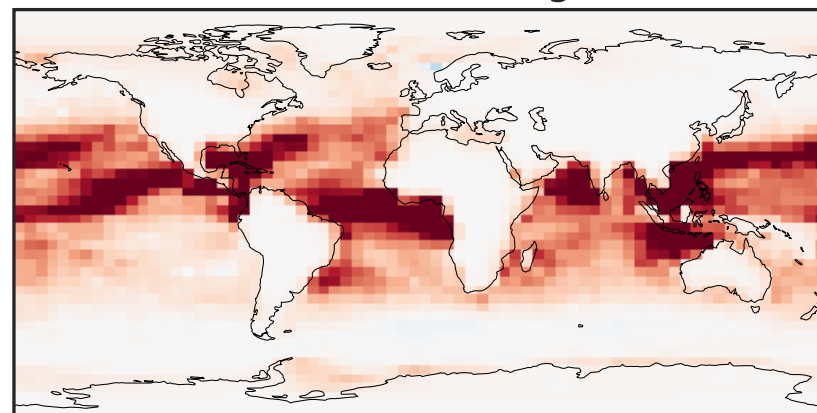
0.0008 0.0016 0.0024
ppb

Difference
Dev - Ref, Dynamic Range



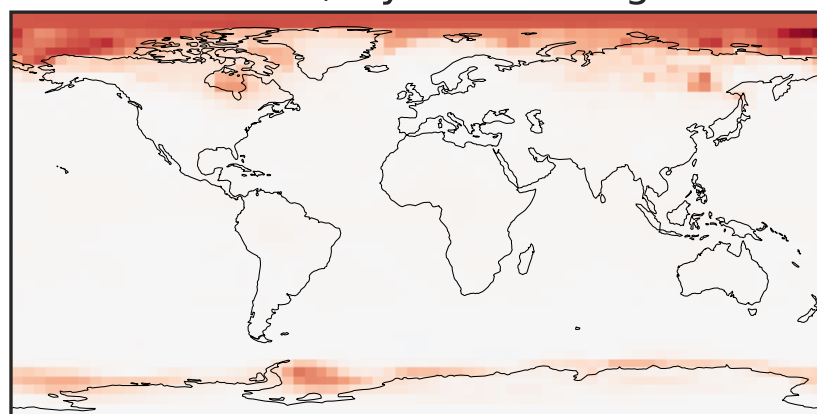
-3 0 3
ppb $1e-5$

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



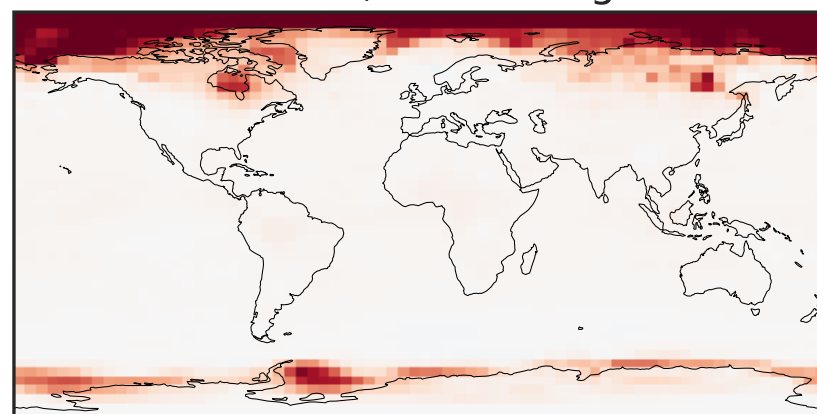
-5 0 5
ppb $1e-6$

Ratio
Dev/Ref, Dynamic Range



0.297 0.649 1.000 2.183 3.367
unitless

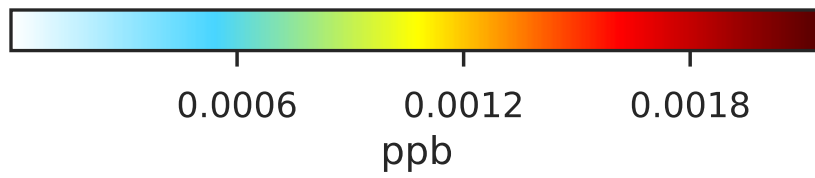
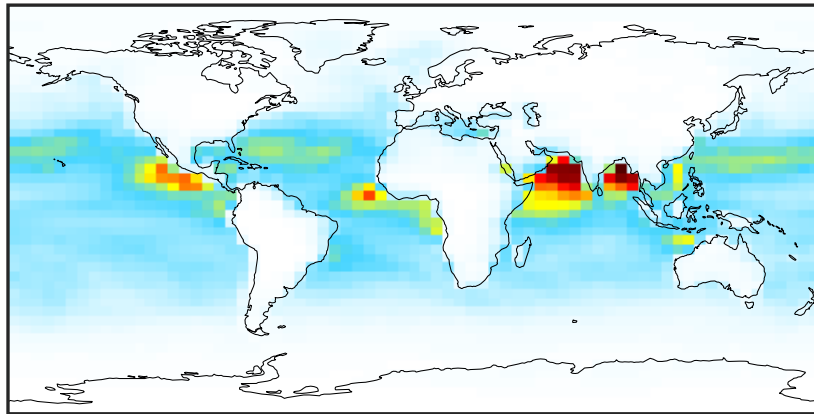
Ratio
Dev/Ref, Fixed Range



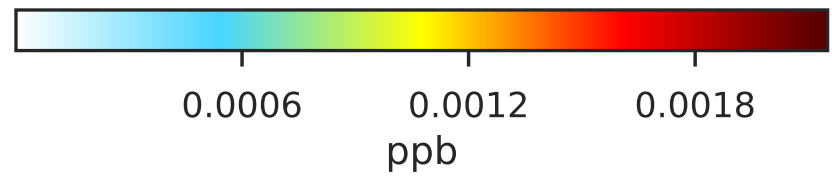
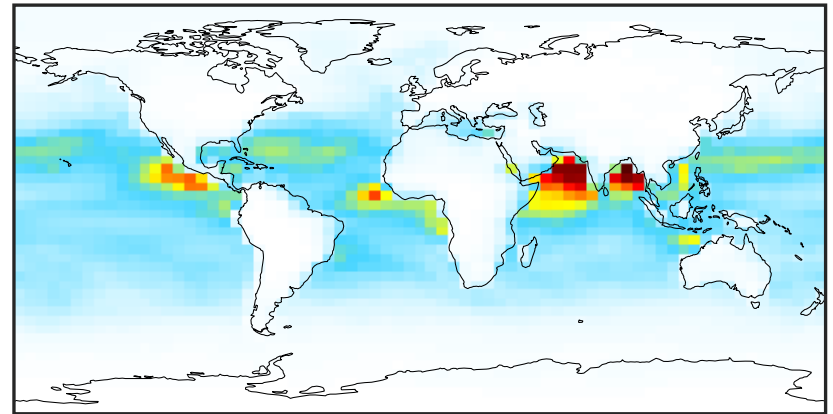
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_IO (Apr2019)

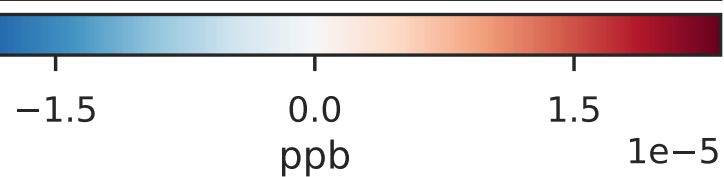
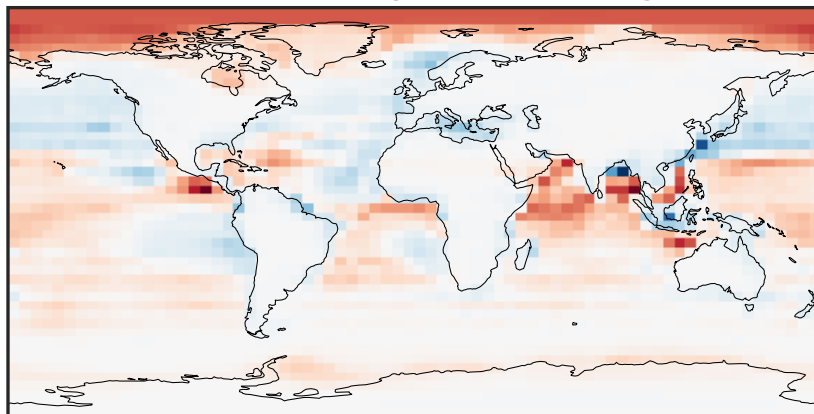
14.2.0-rc.2 (Ref)
4.0x5.0



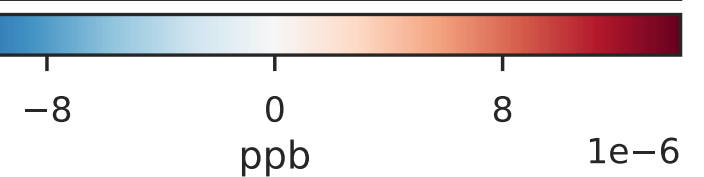
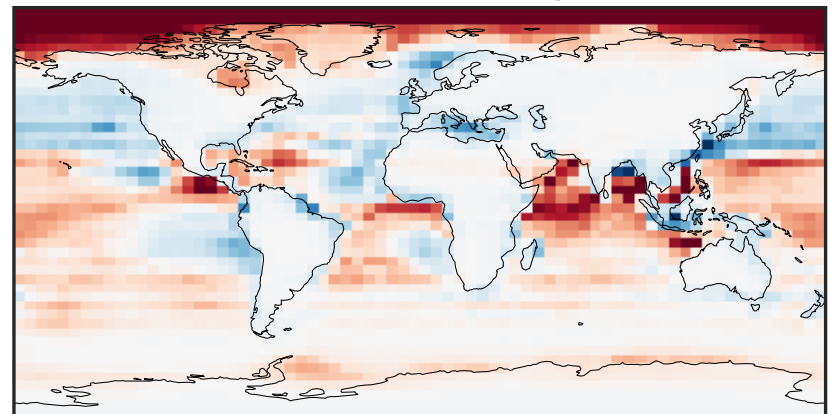
14.3.0-rc.0 (Dev)
4.0x5.0



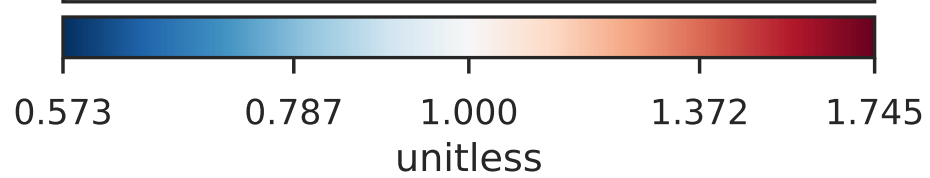
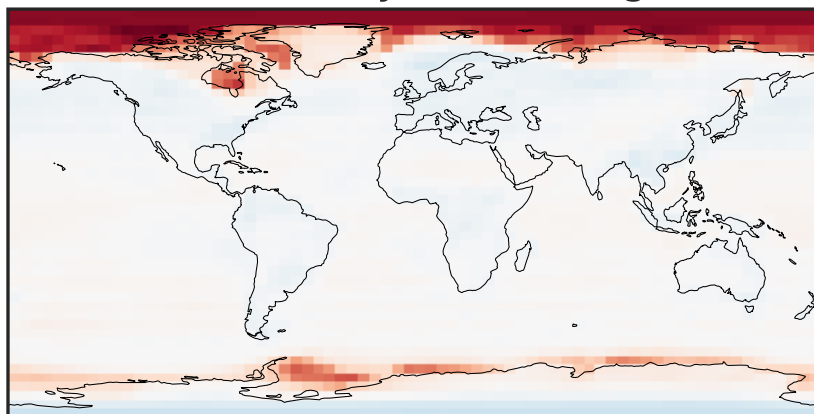
Difference
Dev - Ref, Dynamic Range



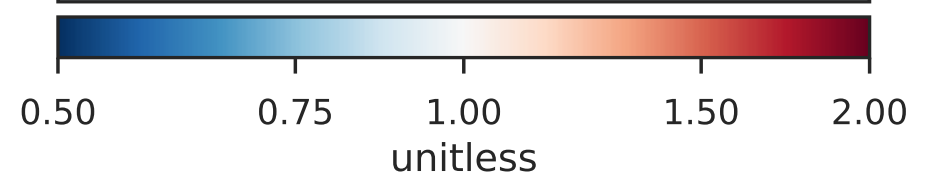
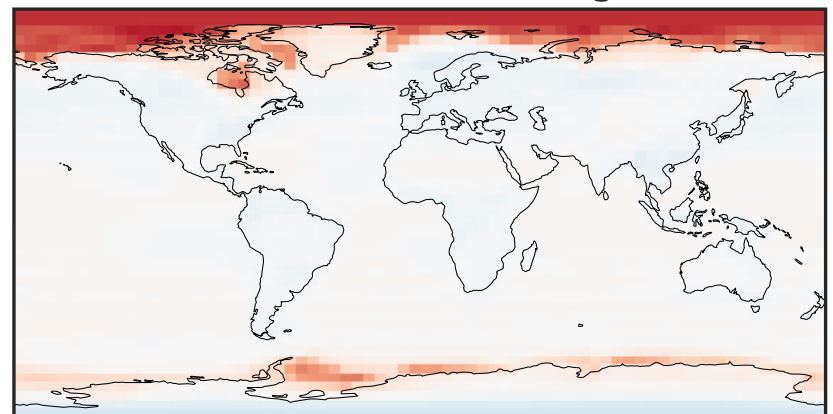
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

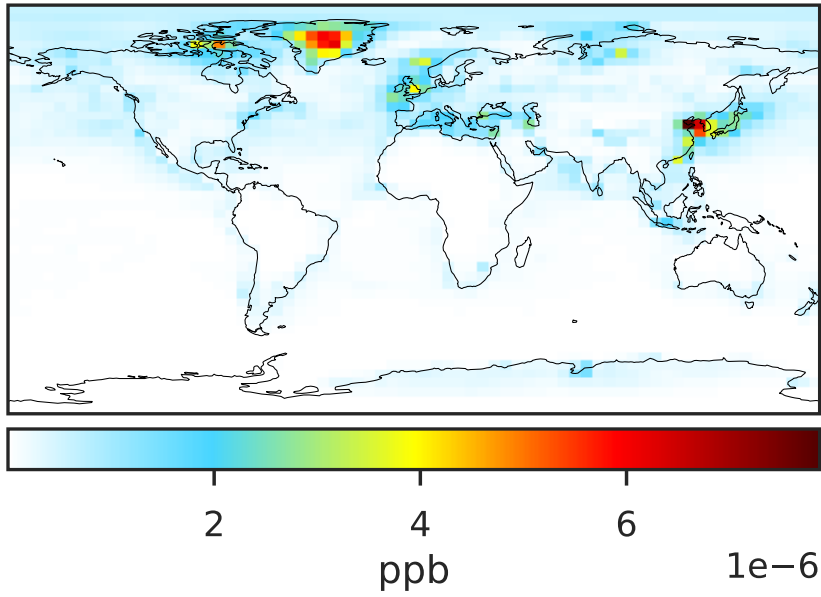


Ratio
Dev/Ref, Fixed Range

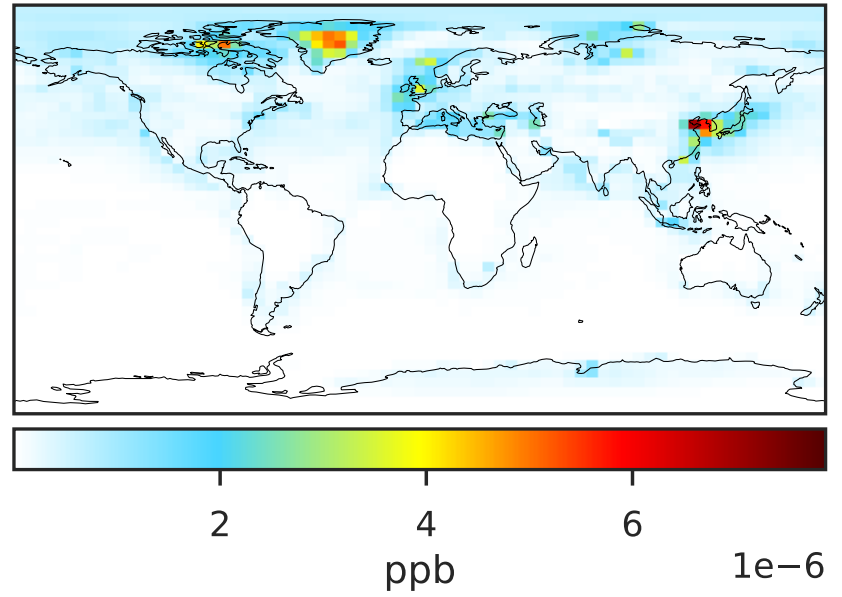


SpeciesConcVV_IONO (Apr2019)

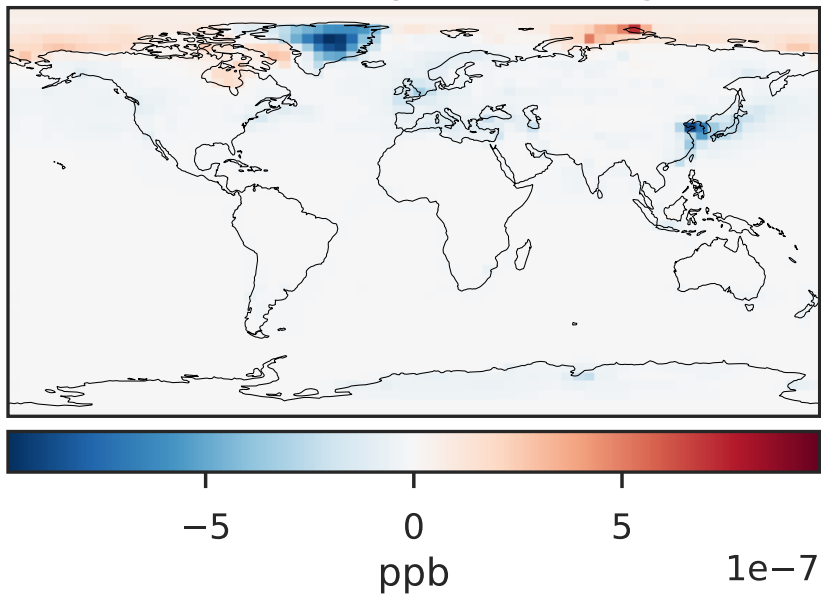
14.2.0-rc.2 (Ref)
4.0x5.0



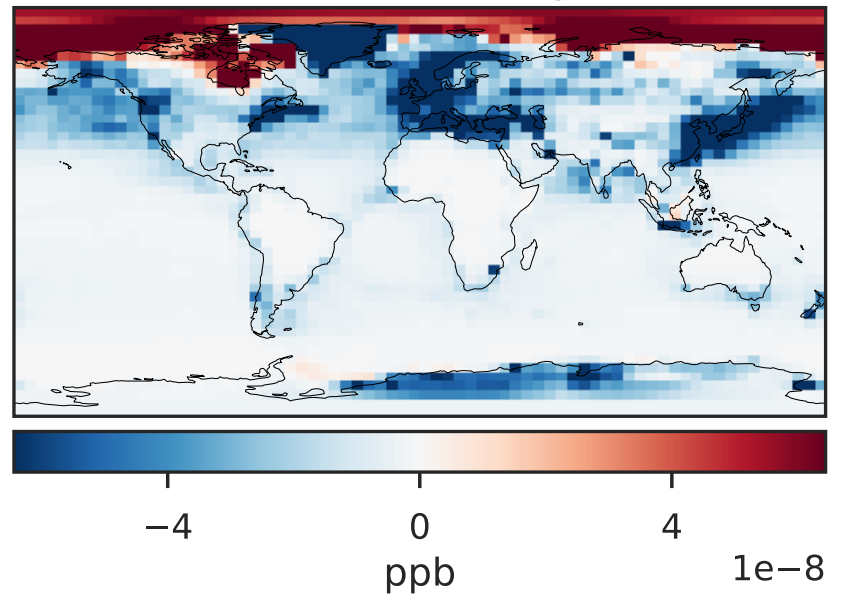
14.3.0-rc.0 (Dev)
4.0x5.0



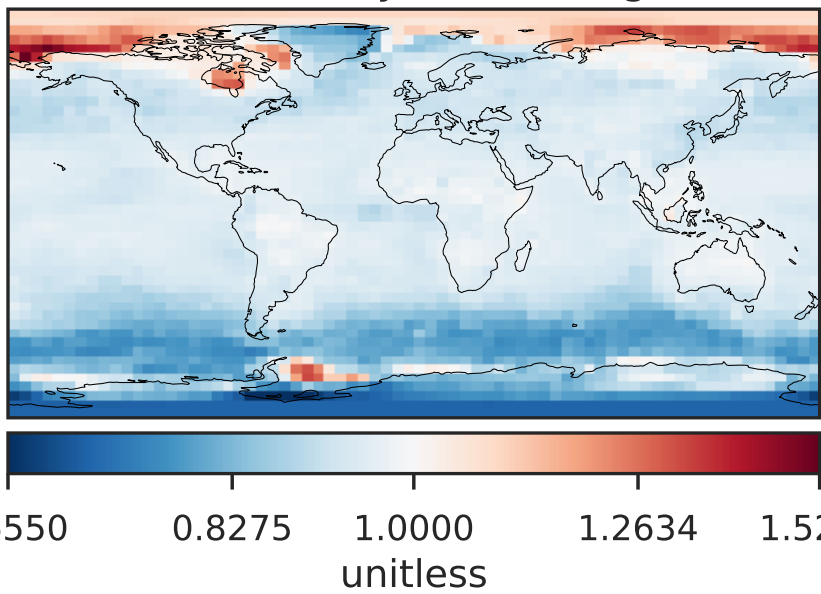
Difference
Dev - Ref, Dynamic Range



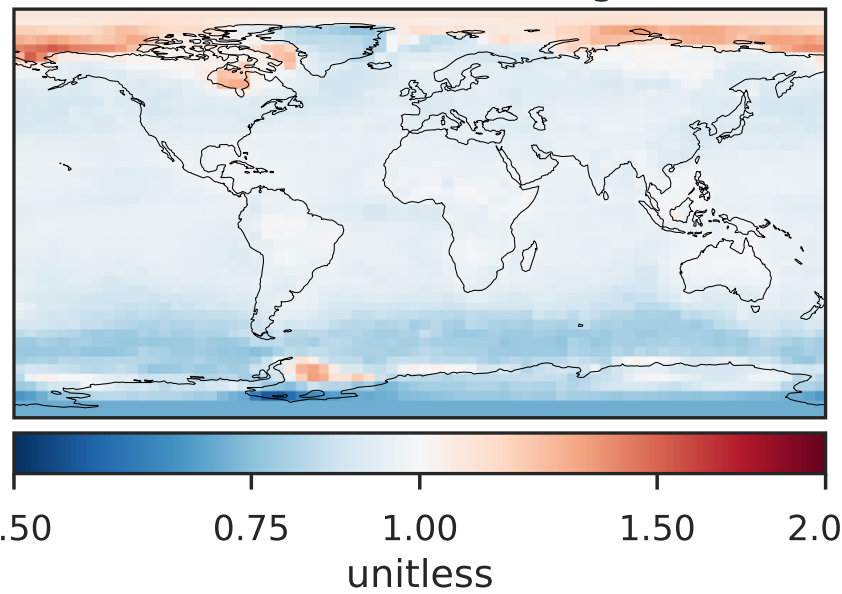
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

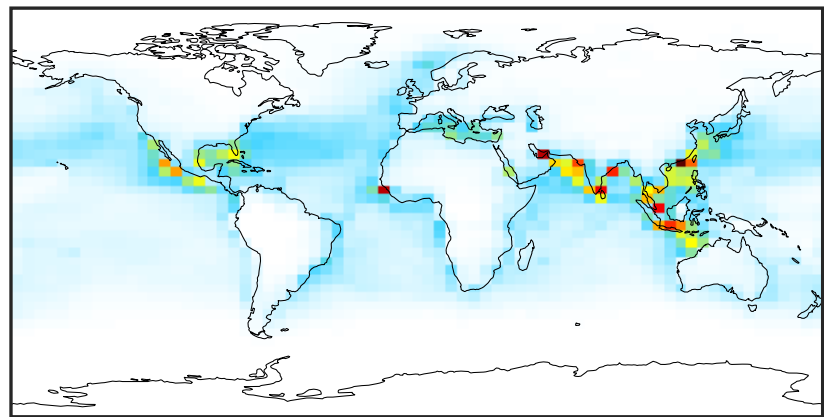


Ratio
Dev/Ref, Fixed Range



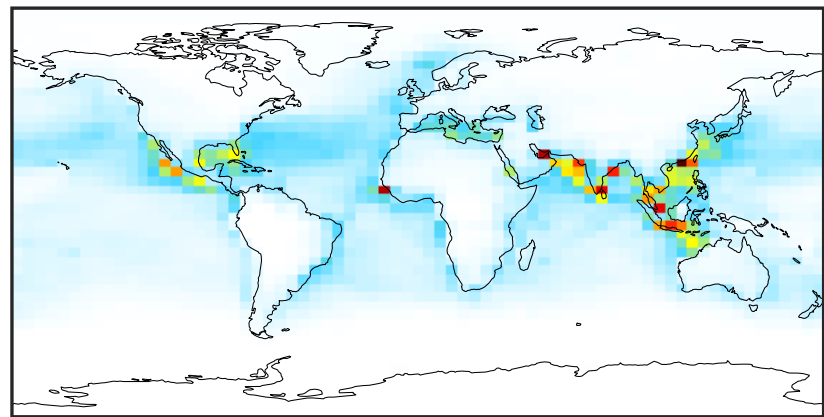
SpeciesConcVV_IONO2 (Apr2019)

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



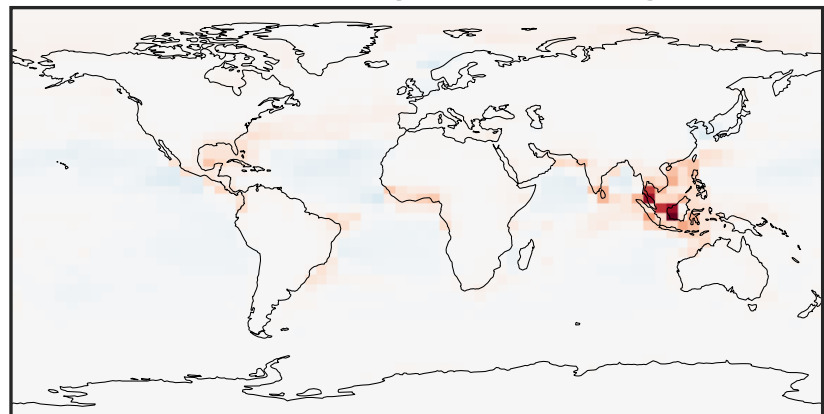
0.0015 0.0030 0.0045
ppb

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



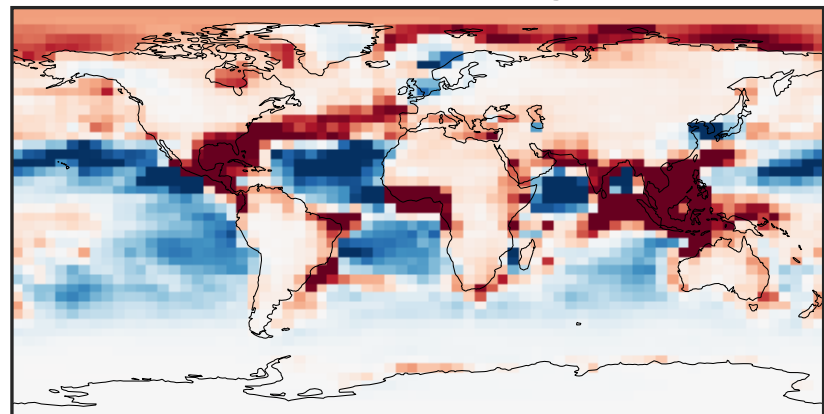
0.0015 0.0030 0.0045
ppb

Difference
Dev - Ref, Dynamic Range



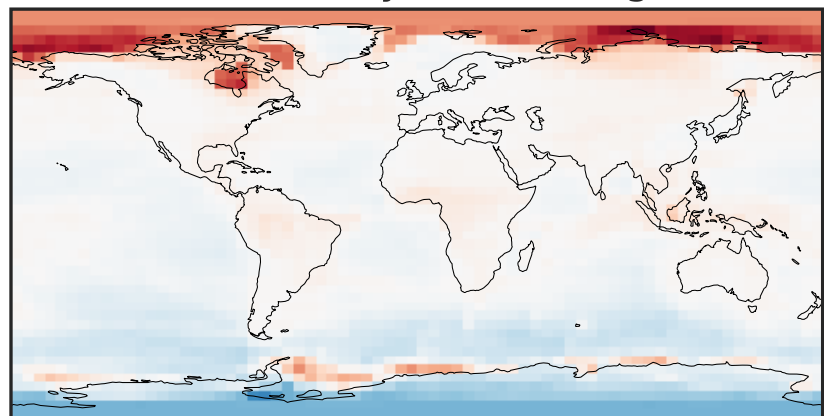
-0.0001 0.0000 0.0001
ppb

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



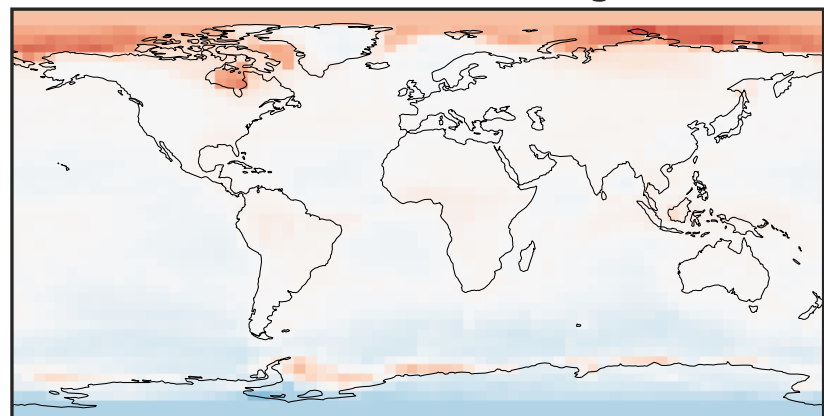
-5 0 5
ppb $1e-6$

Ratio
Dev/Ref, Dynamic Range



0.6393 0.8197 1.0000 1.2821 1.5641
unitless

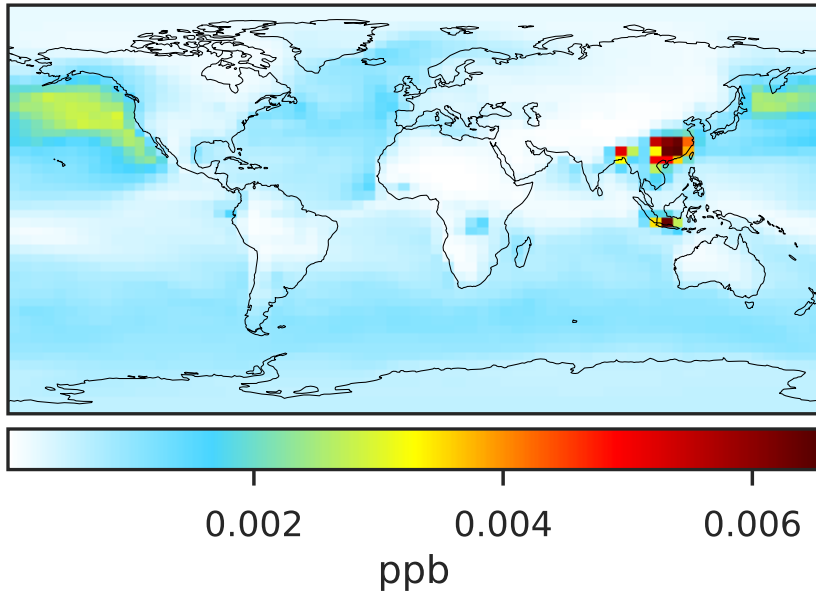
Ratio
Dev/Ref, Fixed Range



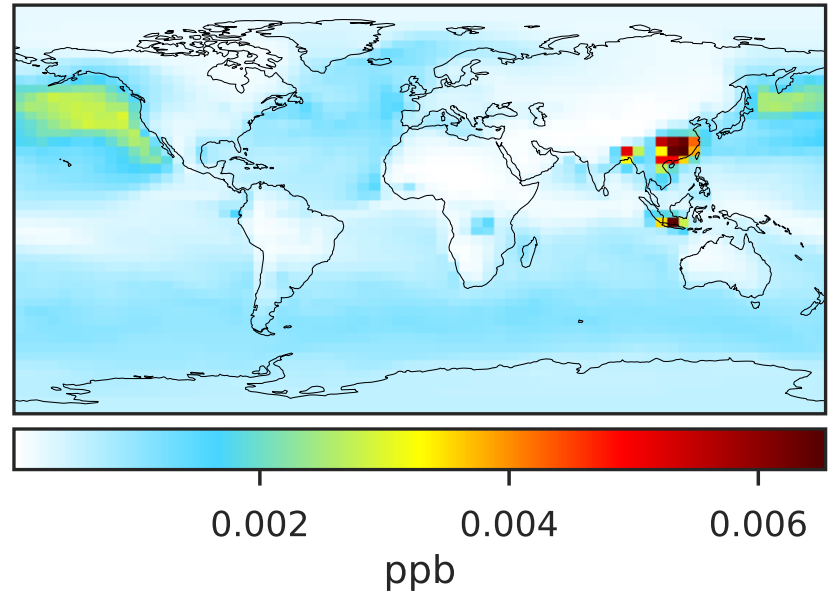
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_CH3I (Apr2019)

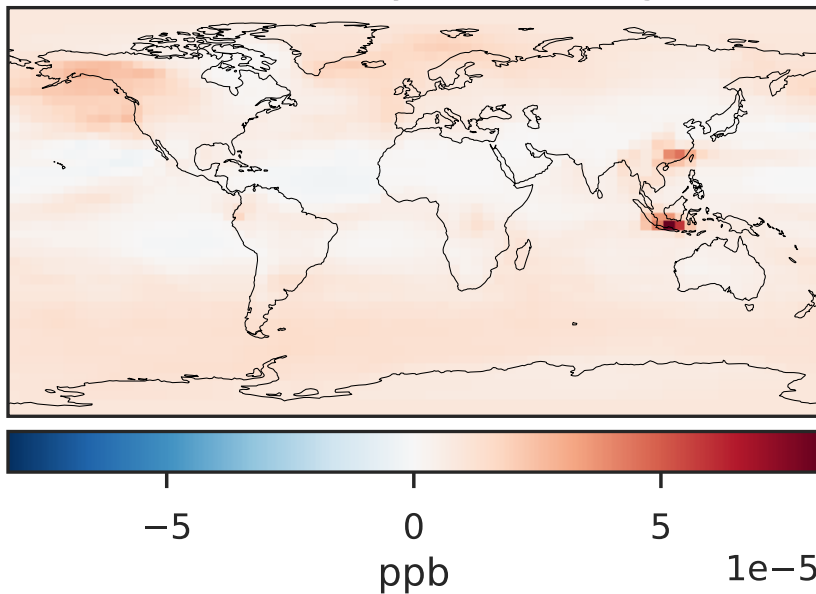
14.2.0-rc.2 (Ref)
4.0x5.0



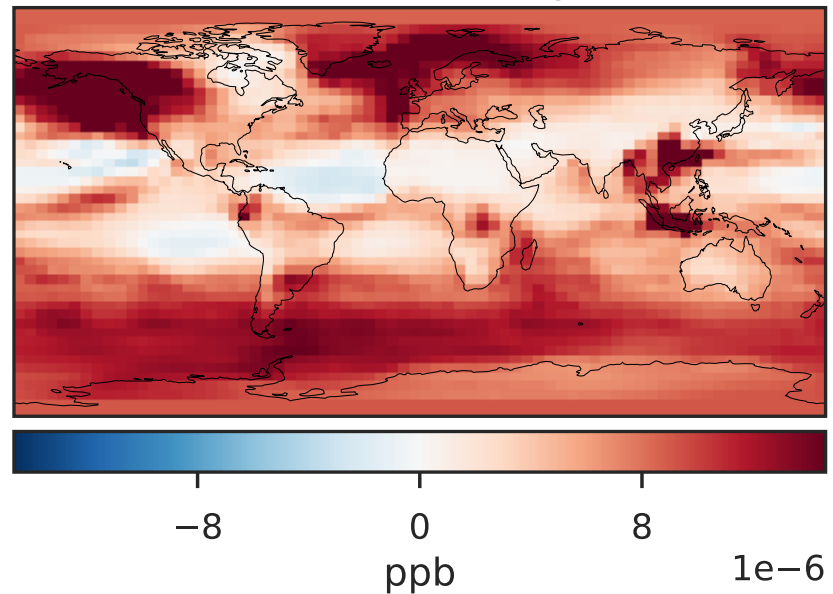
14.3.0-rc.0 (Dev)
4.0x5.0



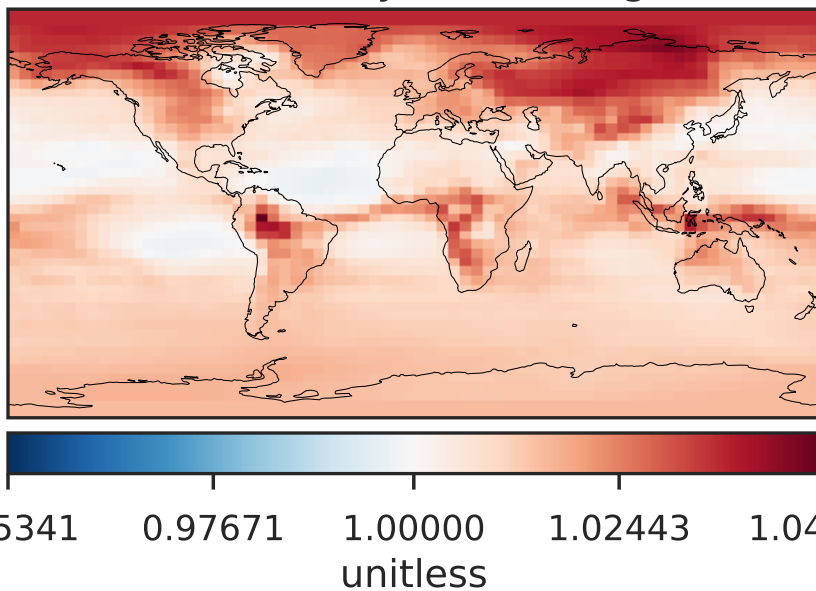
Difference
Dev - Ref, Dynamic Range



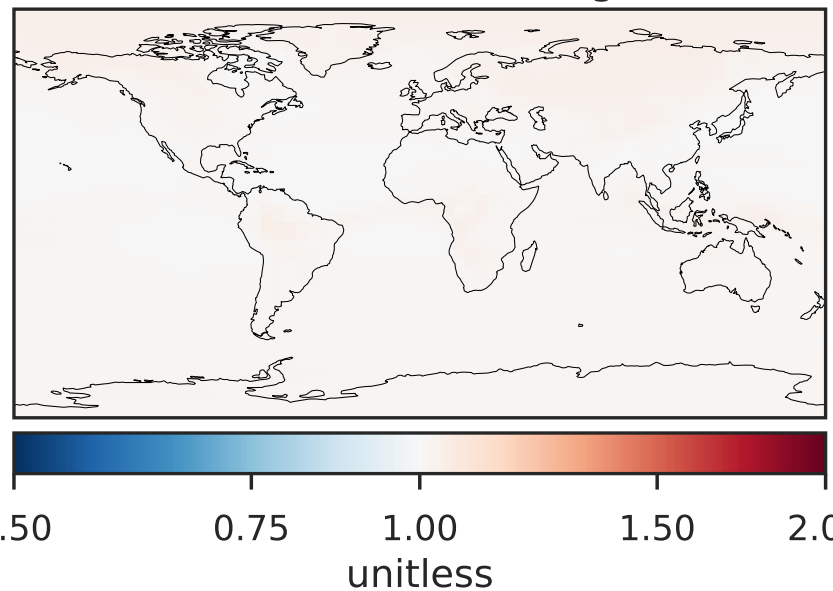
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

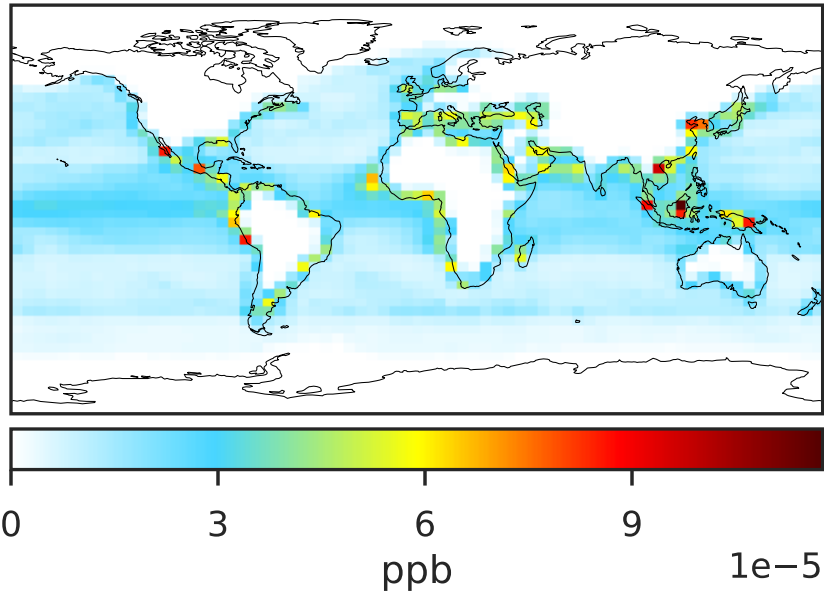


Ratio
Dev/Ref, Fixed Range

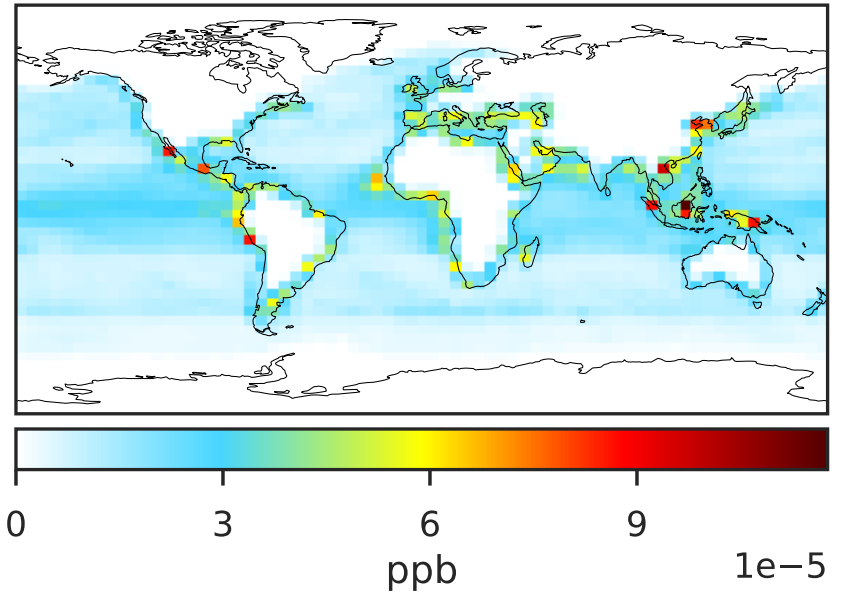


SpeciesConcVV_CH2I2 (Apr2019)

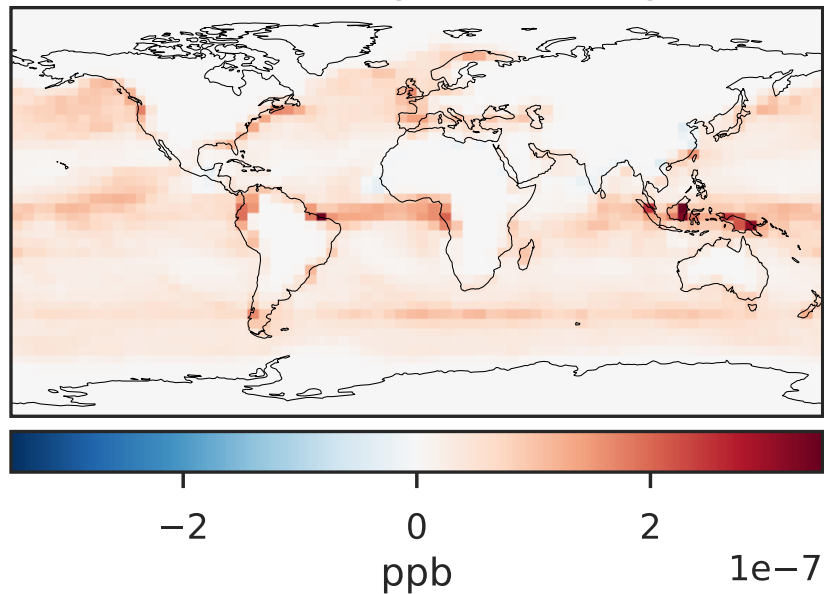
14.2.0-rc.2 (Ref)
4.0x5.0



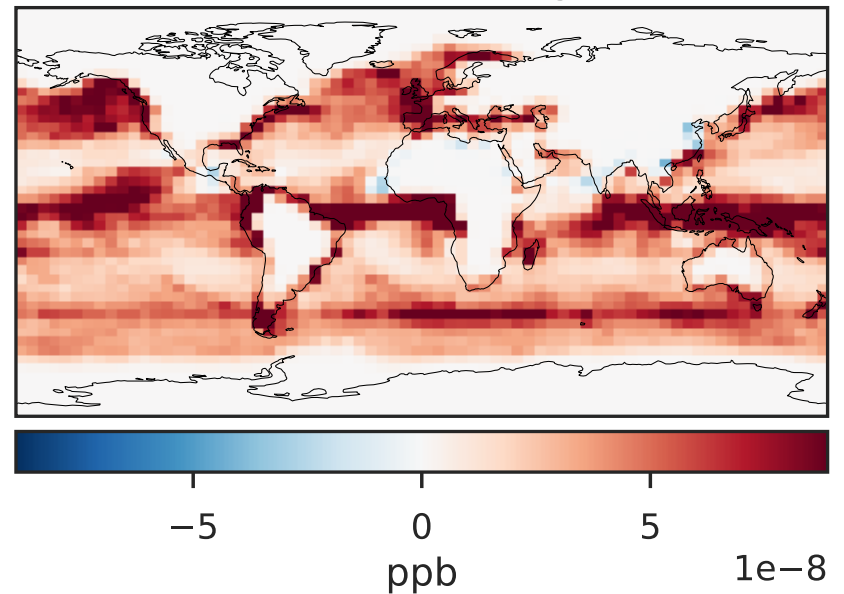
14.3.0-rc.0 (Dev)
4.0x5.0



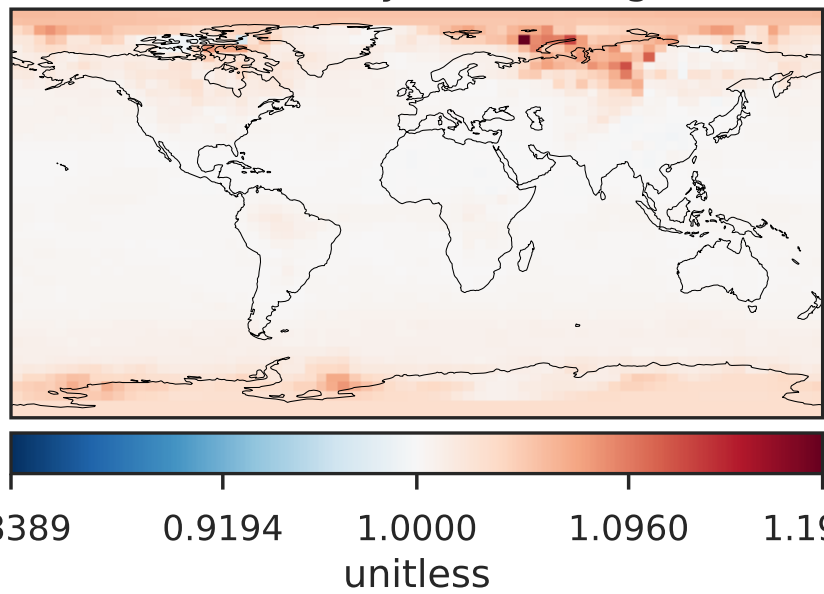
Difference
Dev - Ref, Dynamic Range



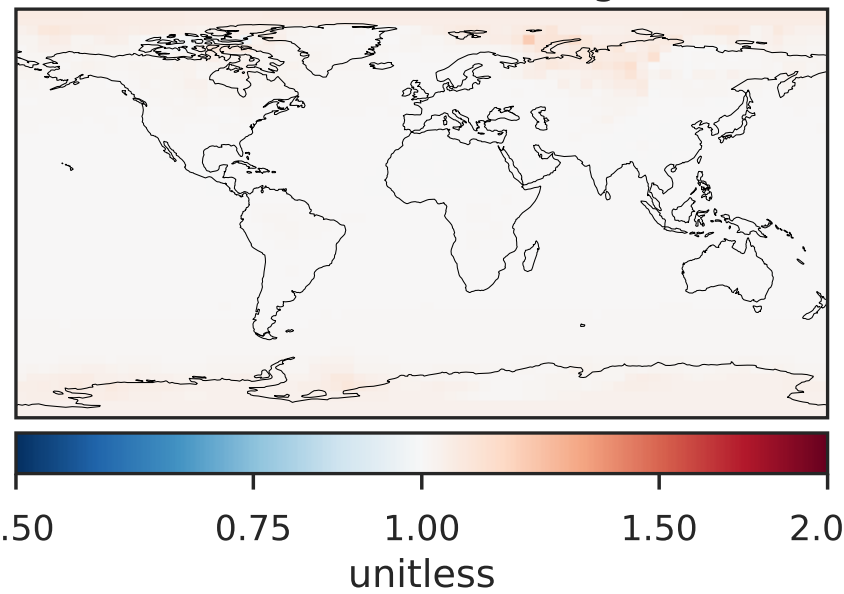
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

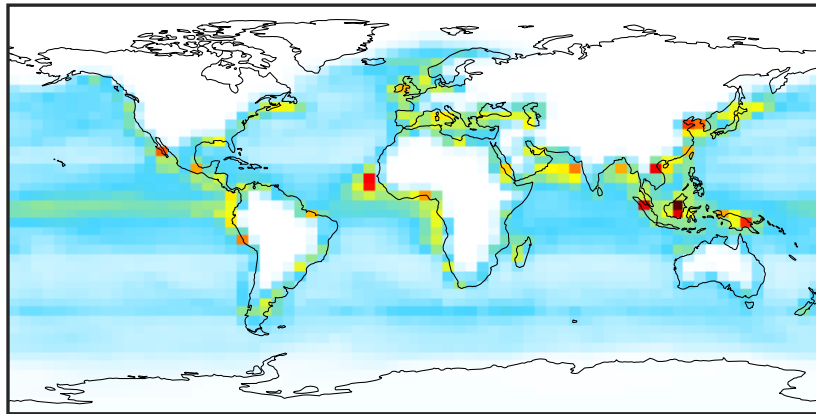


Ratio
Dev/Ref, Fixed Range



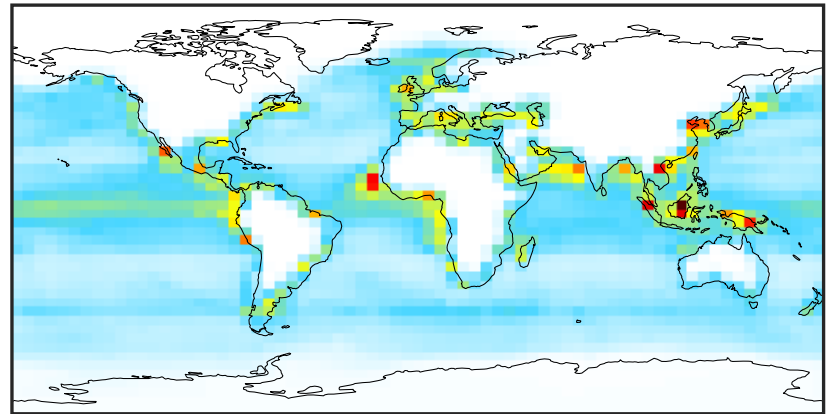
SpeciesConcVV_CH2ICl (Apr2019)

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



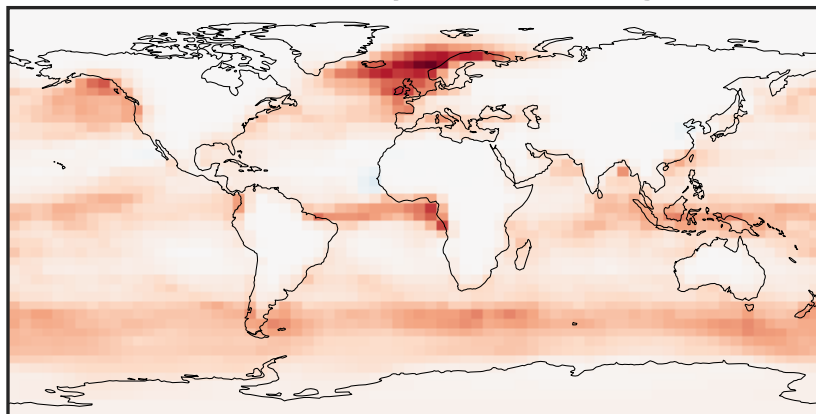
0.00015 0.00030 0.00045
ppb

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



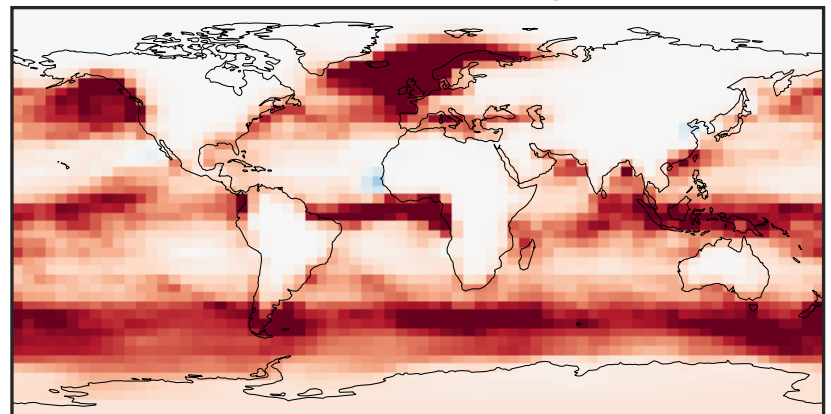
0.00015 0.00030 0.00045
ppb

Difference
Dev - Ref, Dynamic Range



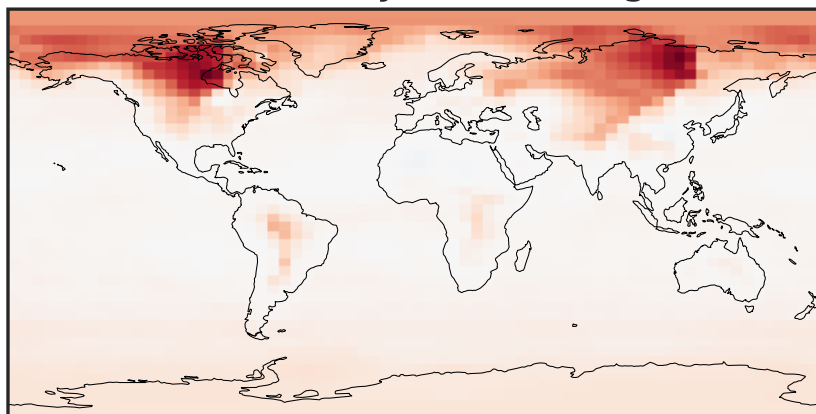
-4 0 4
ppb $1e-6$

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



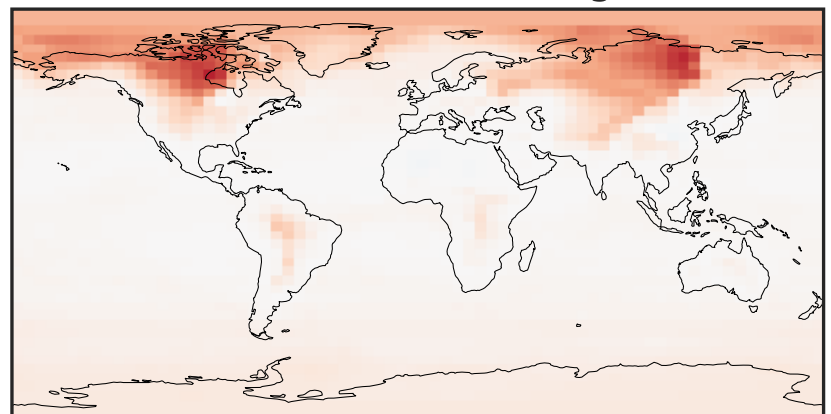
-1.5 0.0 1.5
ppb $1e-6$

Ratio
Dev/Ref, Dynamic Range



0.586 0.793 1.000 1.353 1.706
unitless

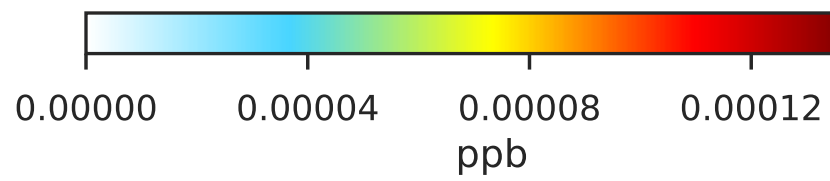
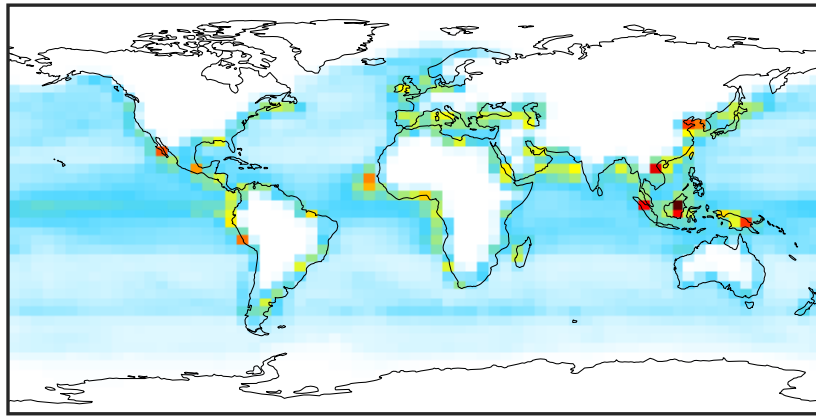
Ratio
Dev/Ref, Fixed Range



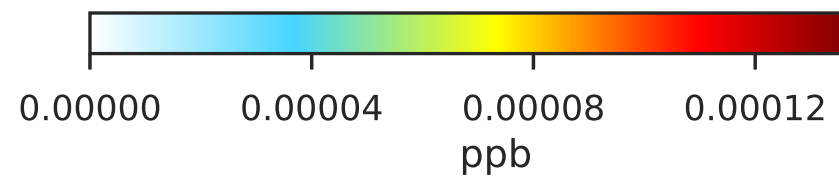
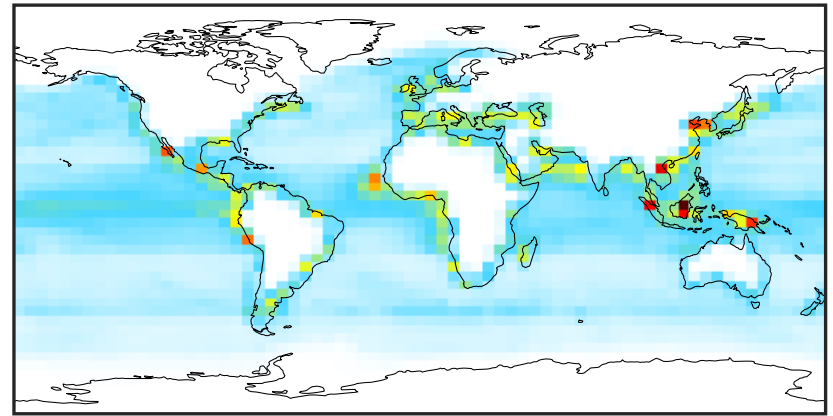
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_CH2IBr (Apr2019)

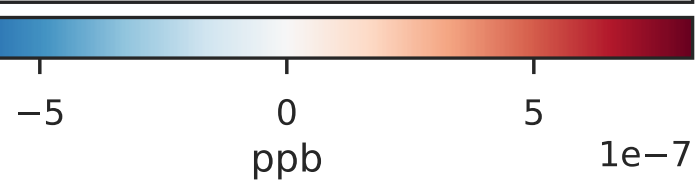
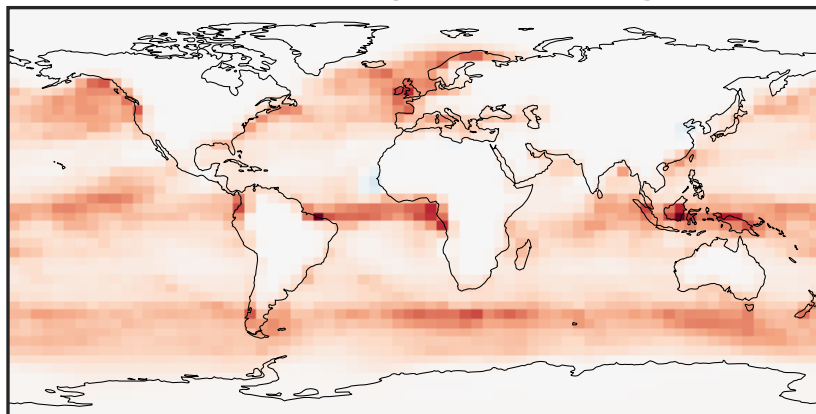
14.2.0-rc.2 (Ref)
4.0x5.0



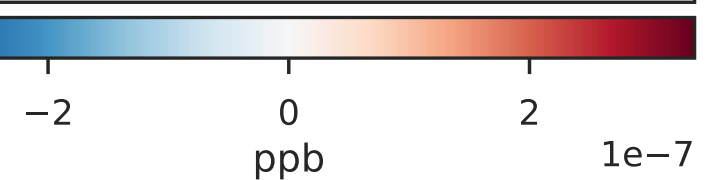
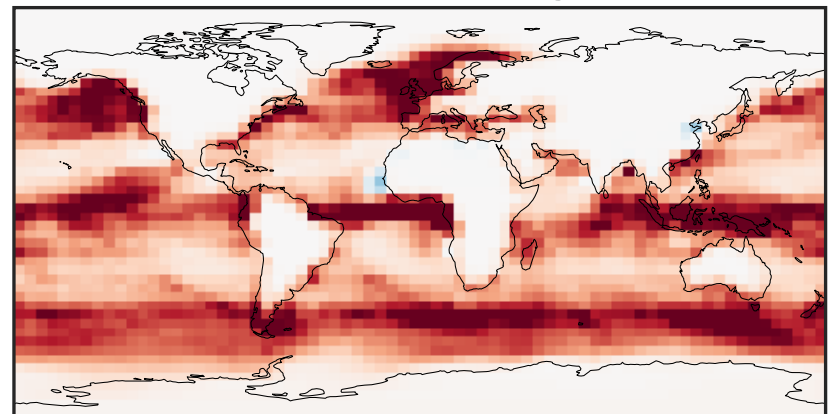
14.3.0-rc.0 (Dev)
4.0x5.0



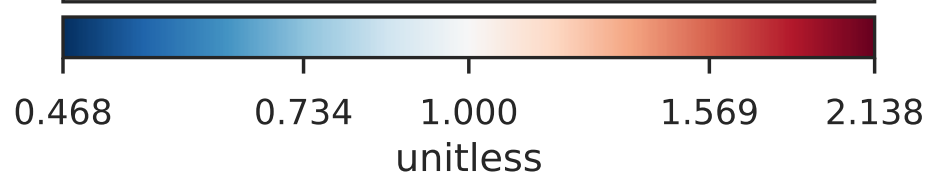
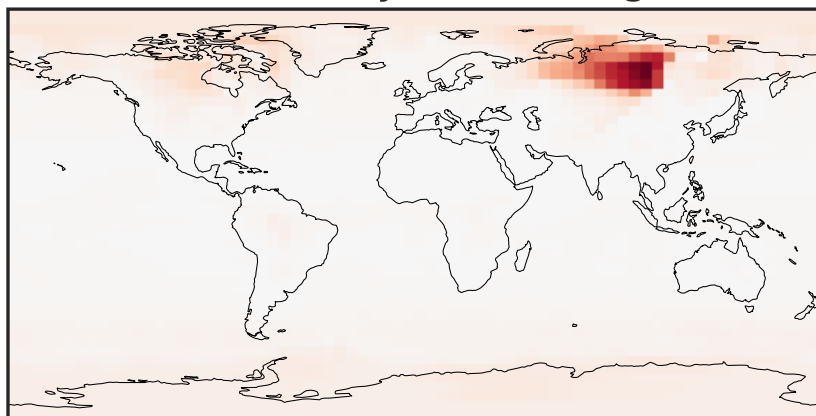
Difference
Dev - Ref, Dynamic Range



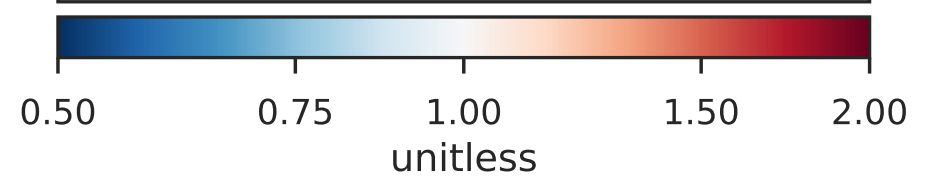
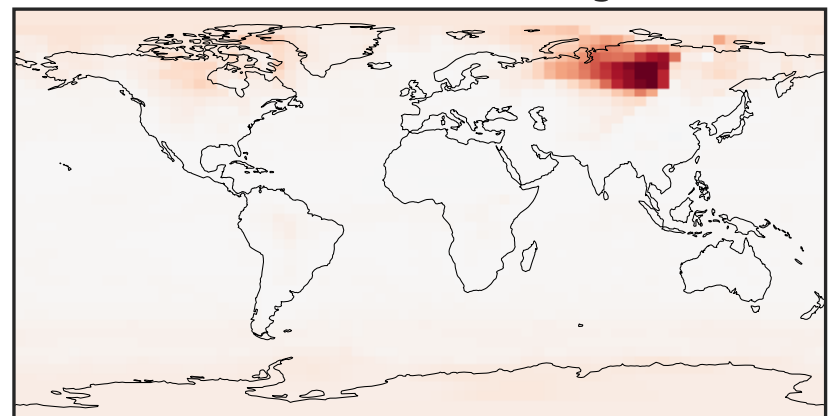
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

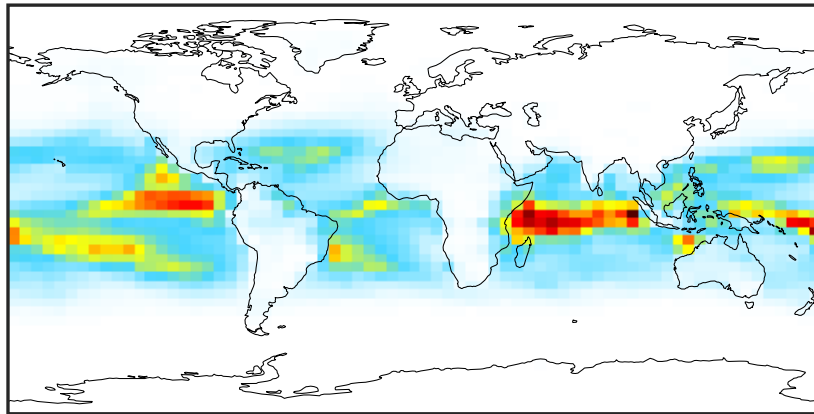


Ratio
Dev/Ref, Fixed Range



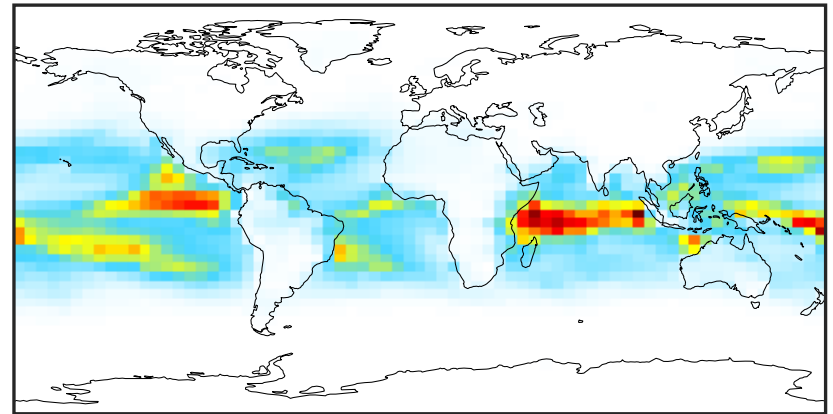
SpeciesConcVV_HI (Apr2019)

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



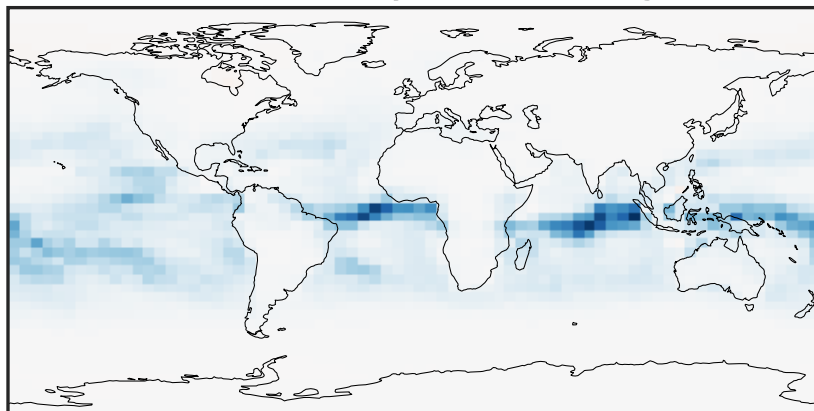
0.00004 0.00008 0.00012
ppb

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



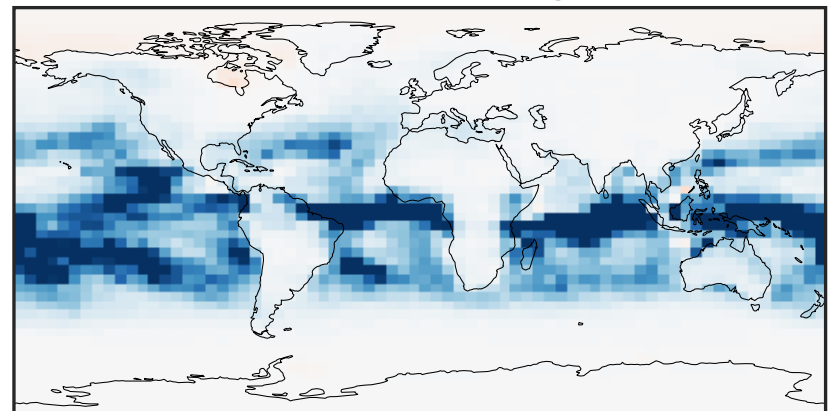
0.00004 0.00008 0.00012
ppb

Difference
Dev - Ref, Dynamic Range



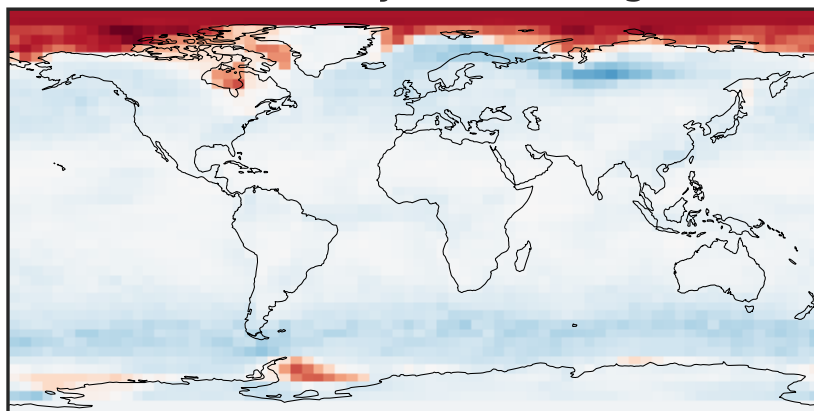
-2.5 0.0 2.5
ppb $1e-6$

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



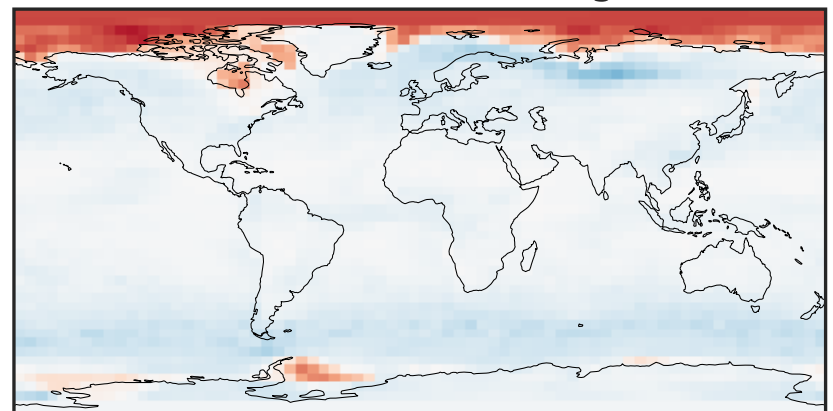
-8 0 8
ppb $1e-7$

Ratio
Dev/Ref, Dynamic Range



0.574 0.787 1.000 1.372 1.744
unitless

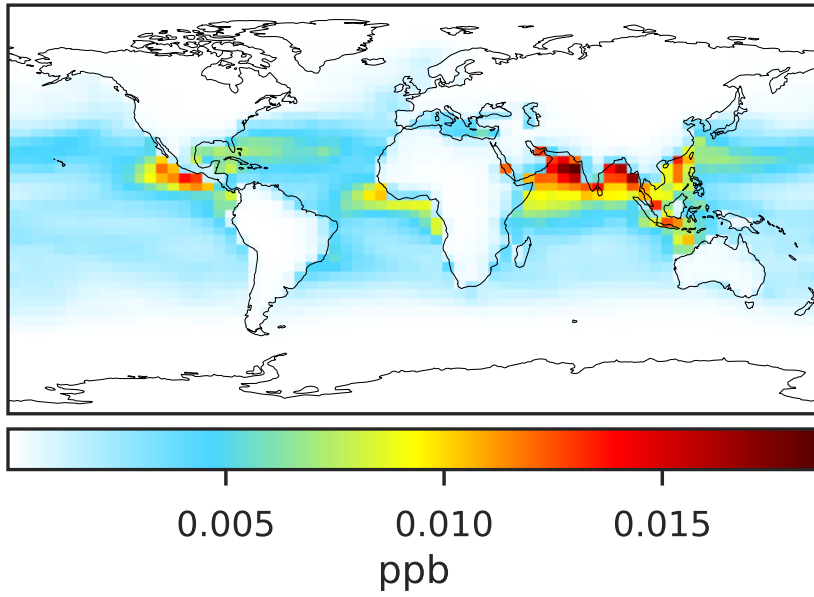
Ratio
Dev/Ref, Fixed Range



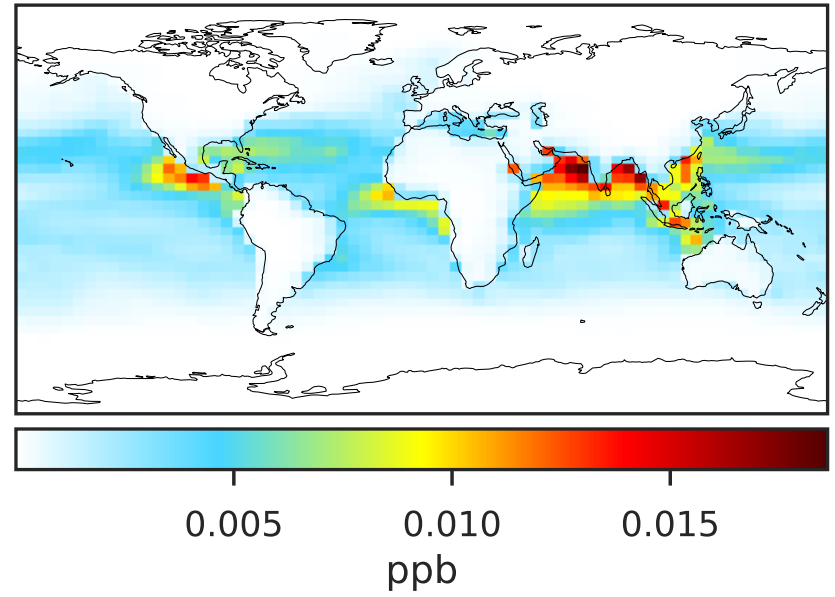
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_HOI (Apr2019)

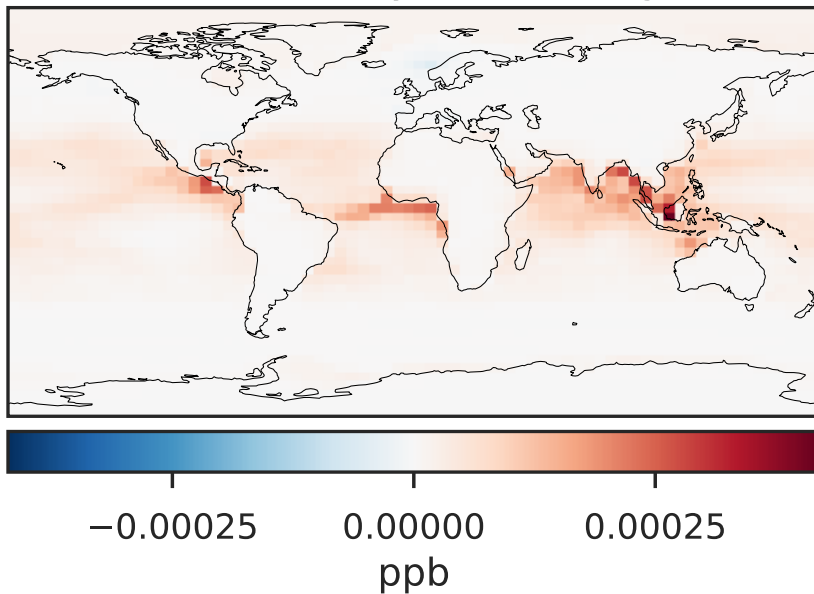
14.2.0-rc.2 (Ref)
4.0x5.0



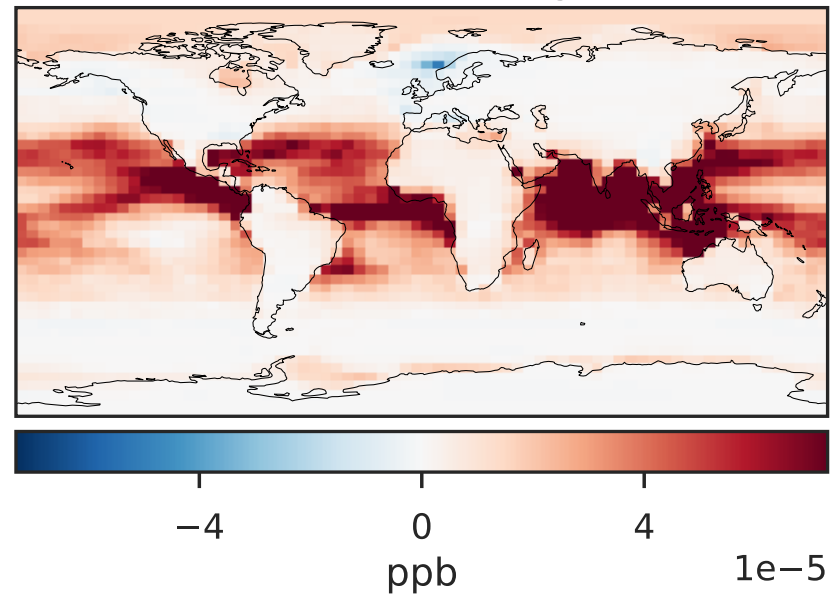
14.3.0-rc.0 (Dev)
4.0x5.0



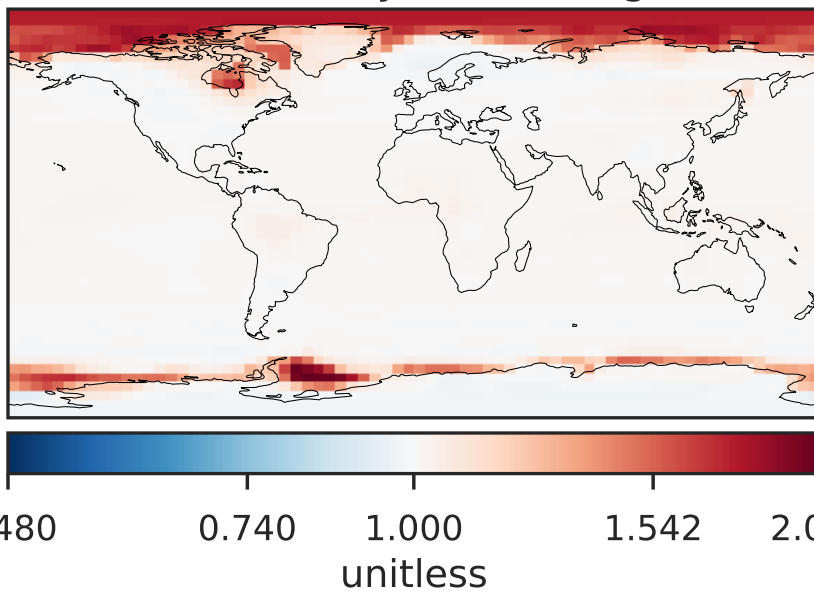
Difference
Dev - Ref, Dynamic Range



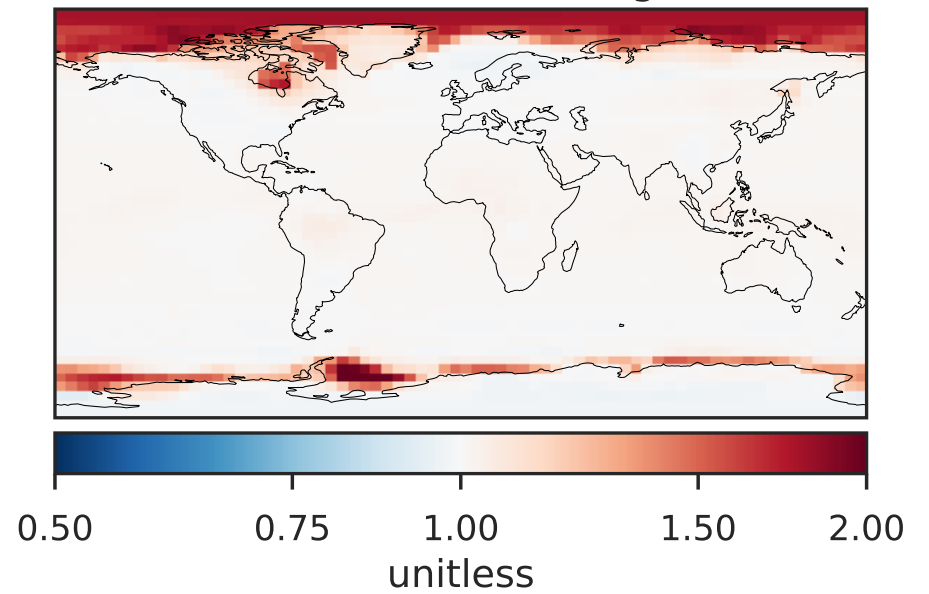
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

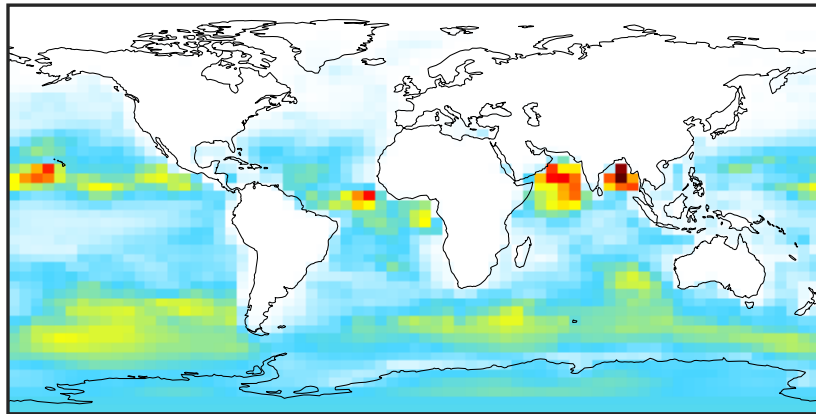


Ratio
Dev/Ref, Fixed Range



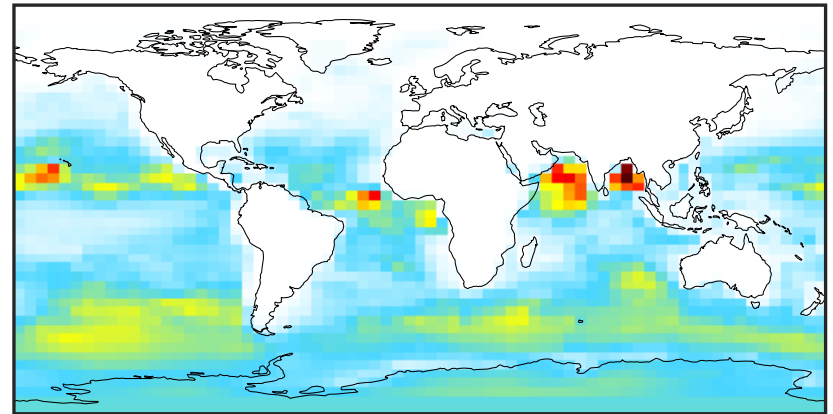
SpeciesConcVV_OIO (Apr2019)

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



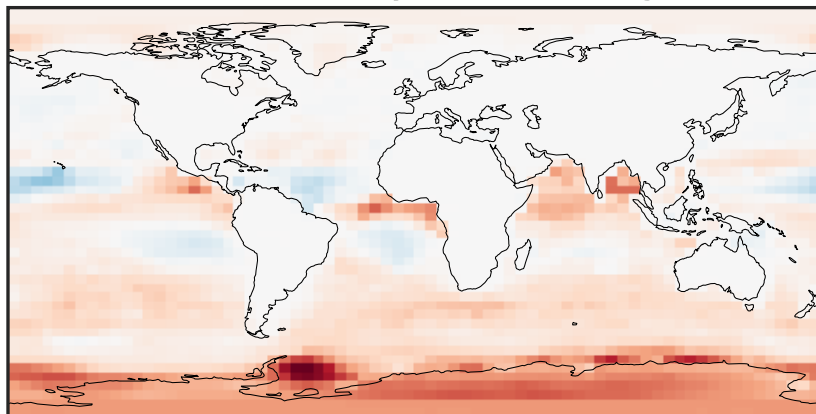
0.00006 0.00012 0.00018
ppb

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



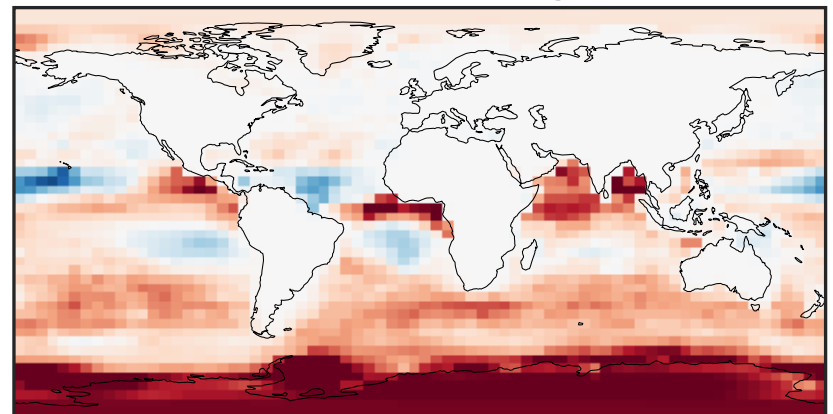
0.00006 0.00012 0.00018
ppb

Difference
Dev - Ref, Dynamic Range



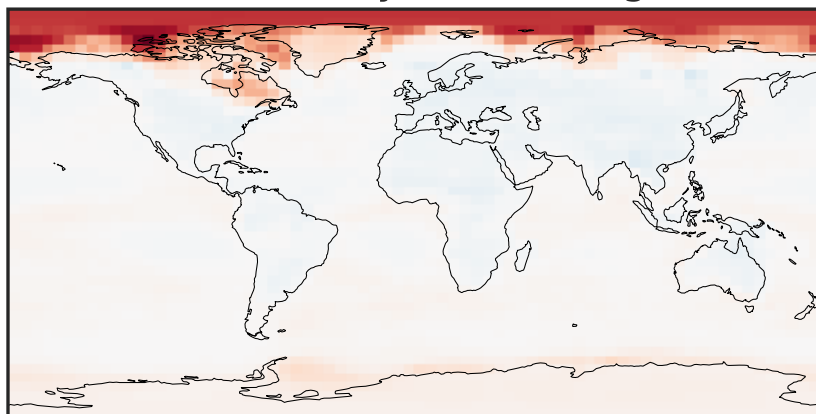
-6 0 6
ppb $1e-6$

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



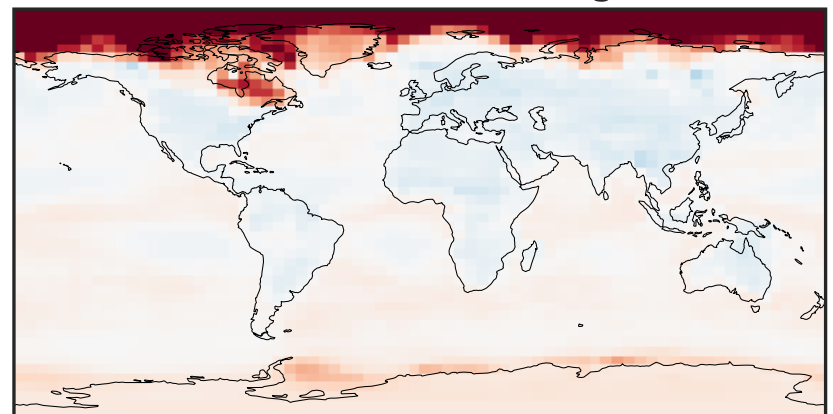
-2.5 0.0 2.5
ppb $1e-6$

Ratio
Dev/Ref, Dynamic Range



0.239 0.620 1.000 2.589 4.178
unitless

Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless