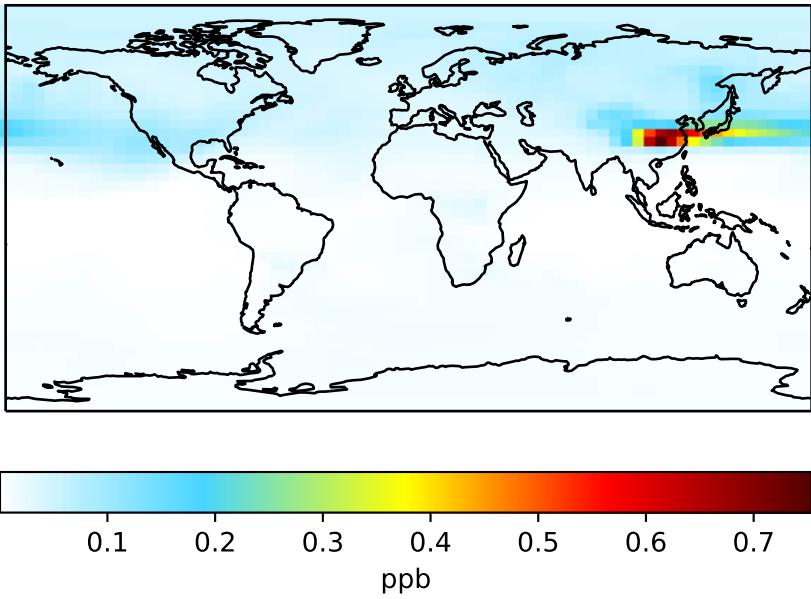
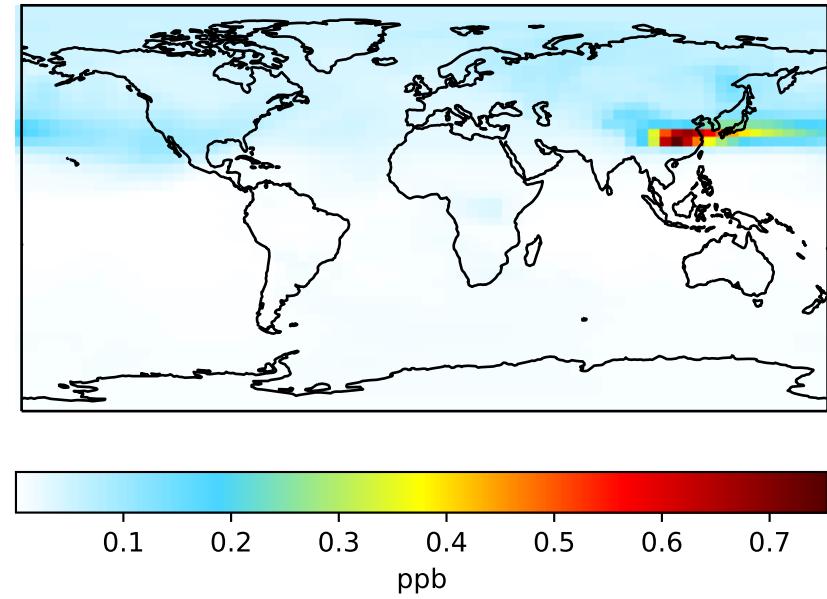


SpeciesConc_NH4

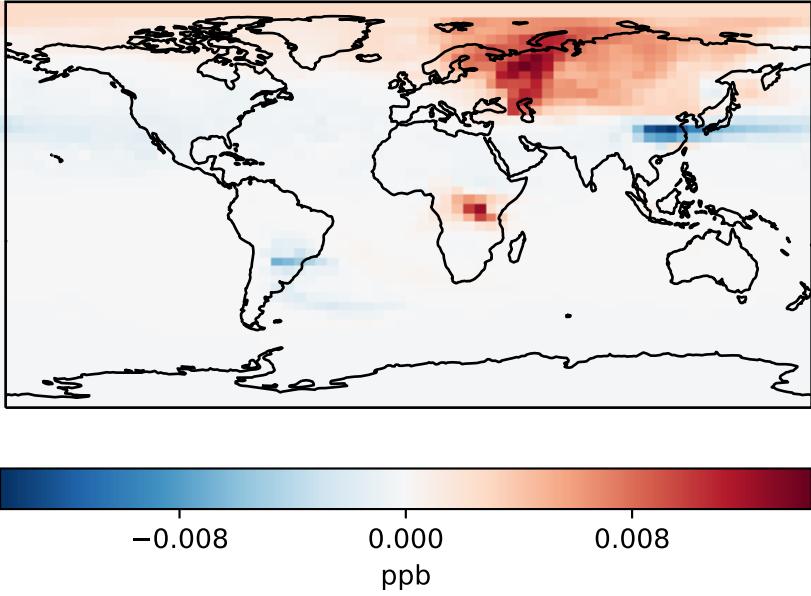
GC_12.4.0 (Ref)
4x5



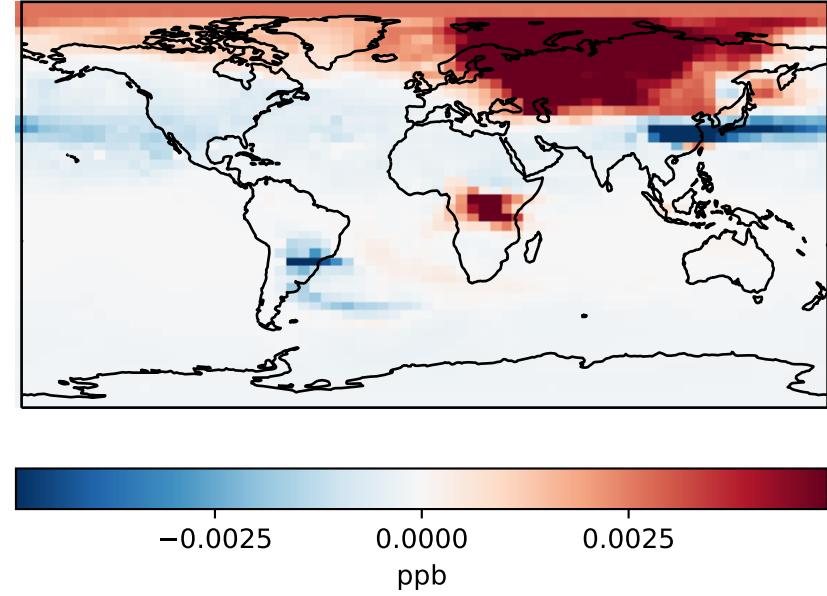
GC_12.6.0 (Dev)
4x5



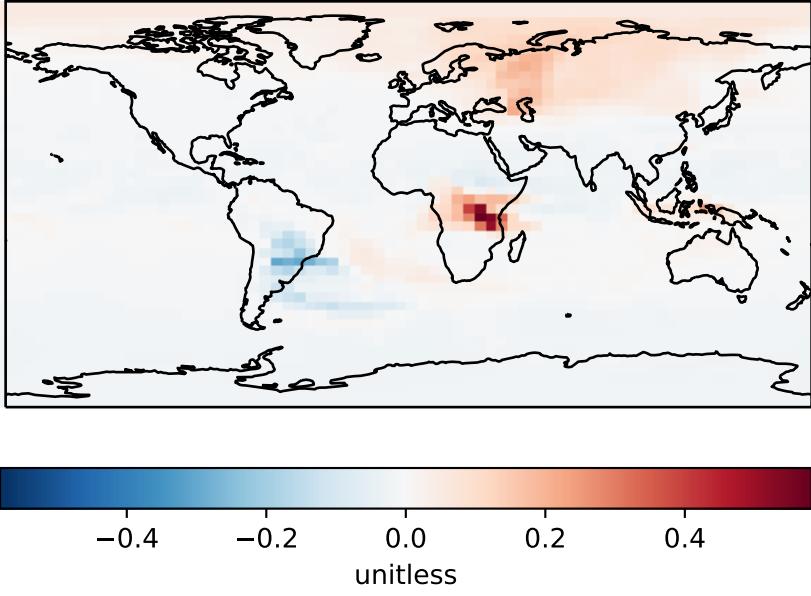
Difference
Dev - Ref, Dynamic Range



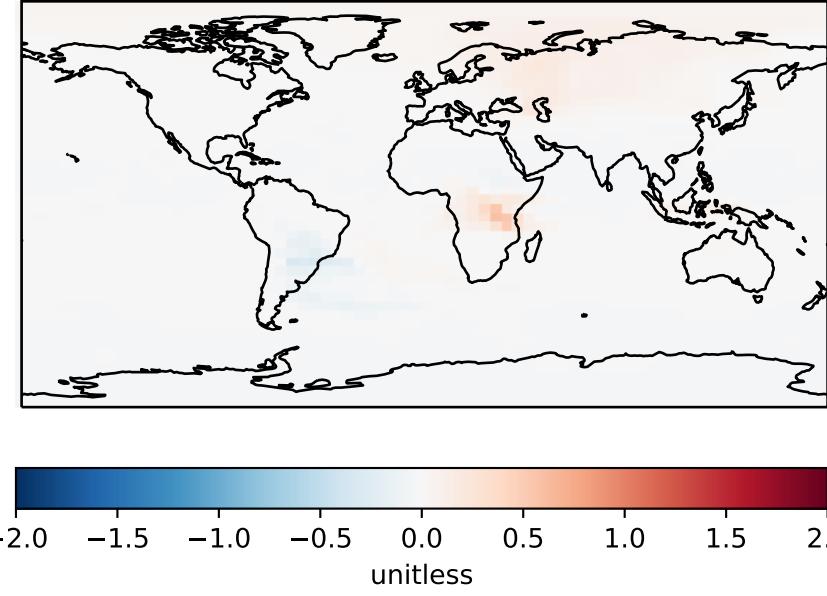
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

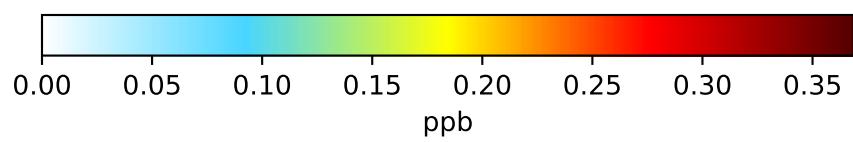
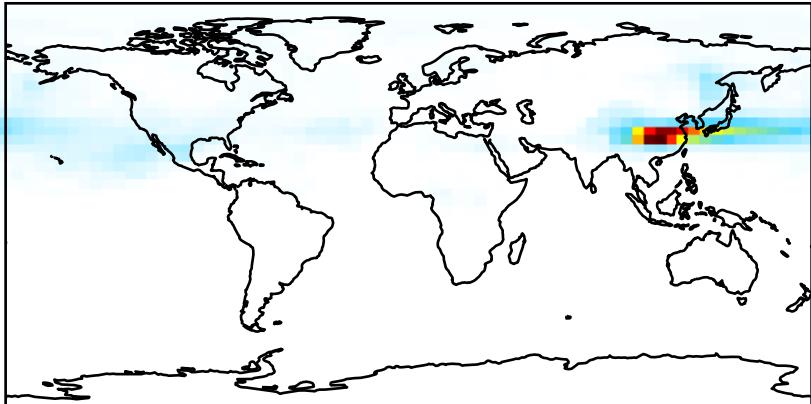


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

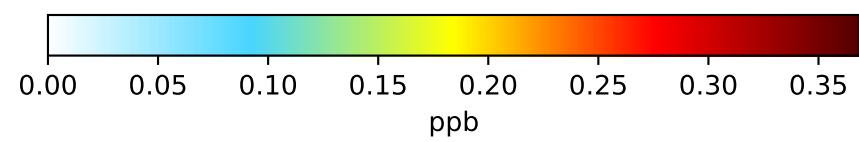
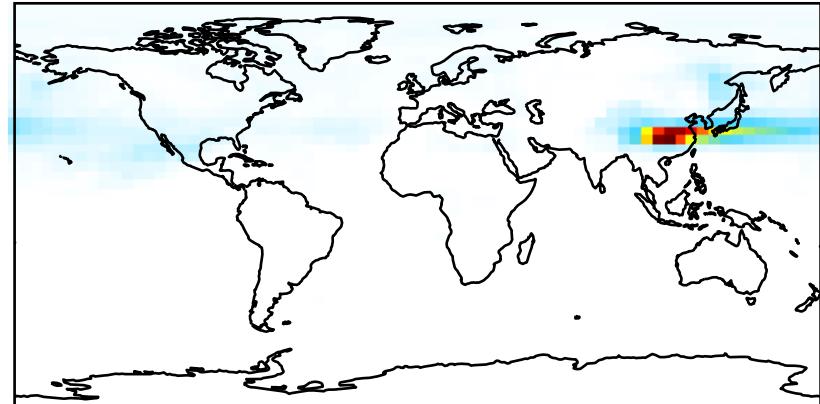


SpeciesConc_NIT

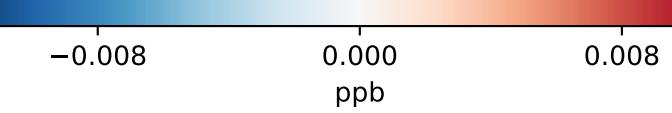
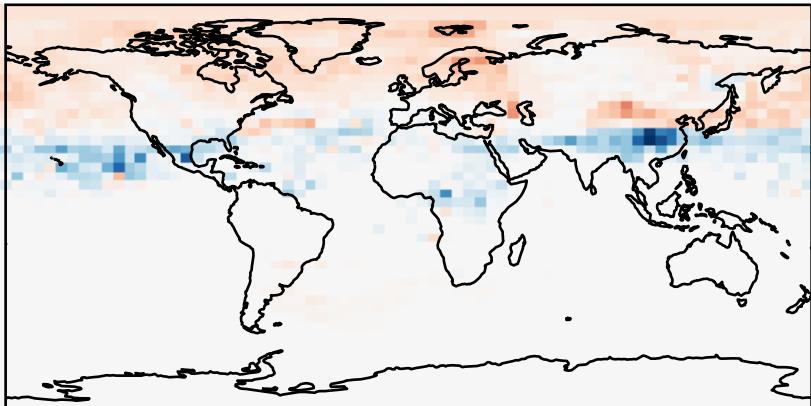
GC_12.4.0 (Ref)
4x5



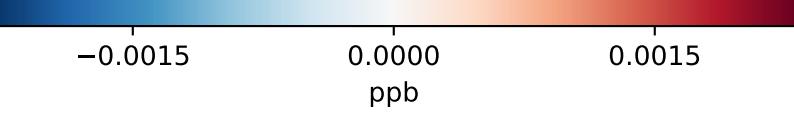
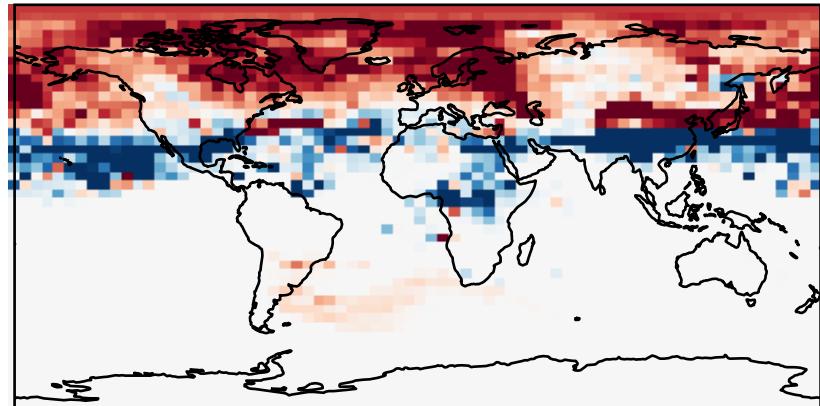
GC_12.6.0 (Dev)
4x5



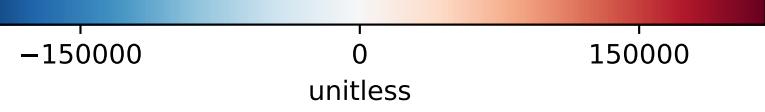
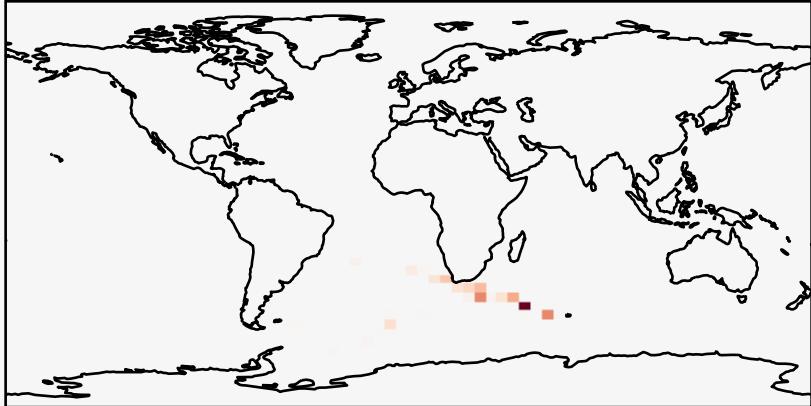
Difference
Dev - Ref, Dynamic Range



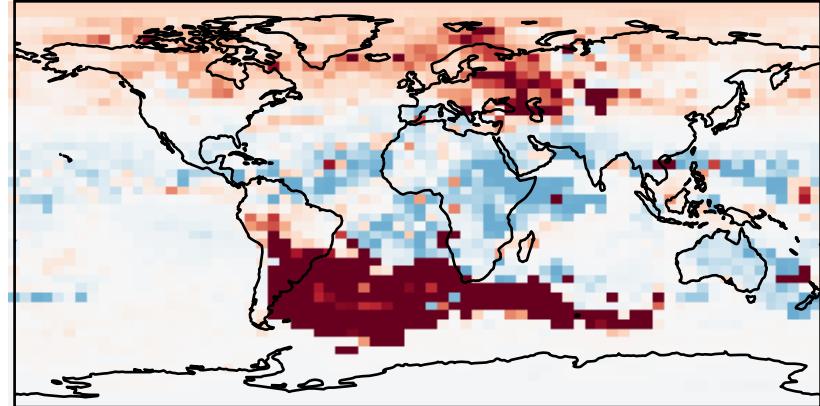
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

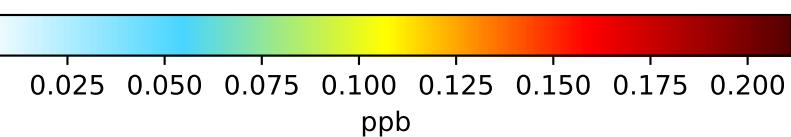
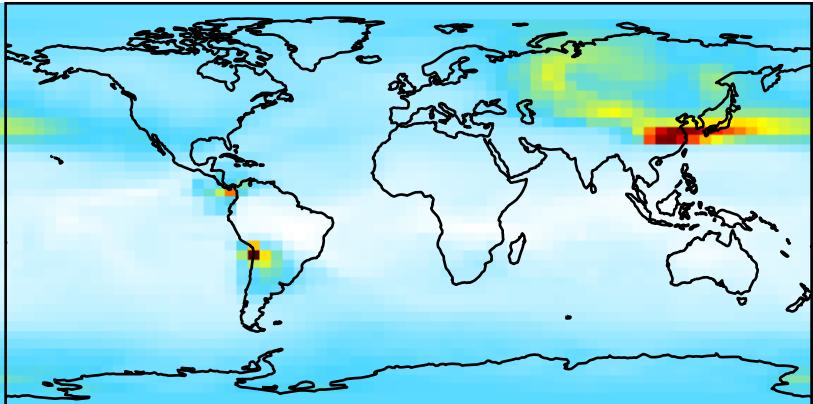


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

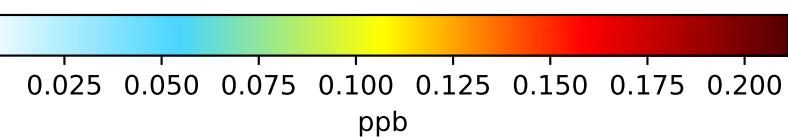
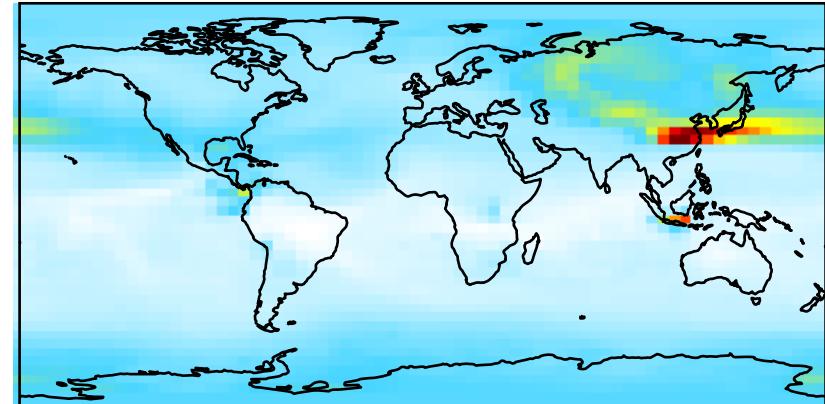


SpeciesConc_SO4

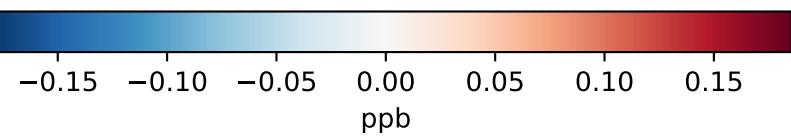
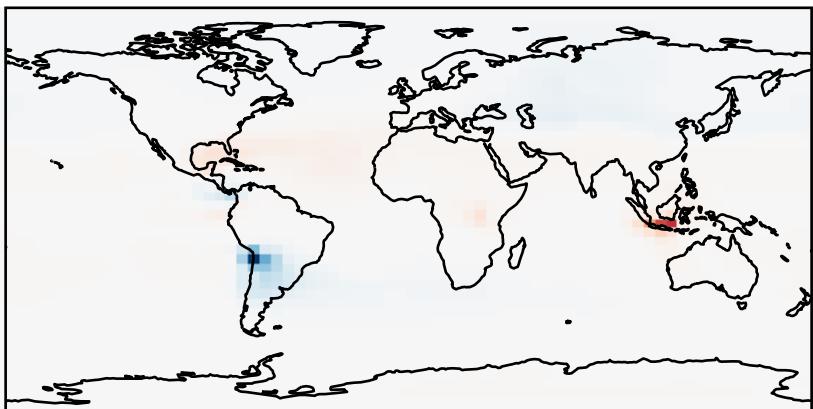
GC_12.4.0 (Ref)
4x5



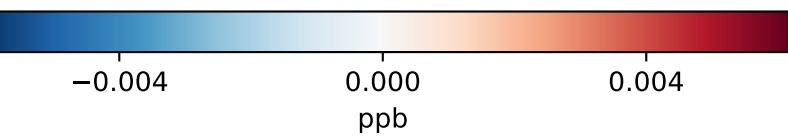
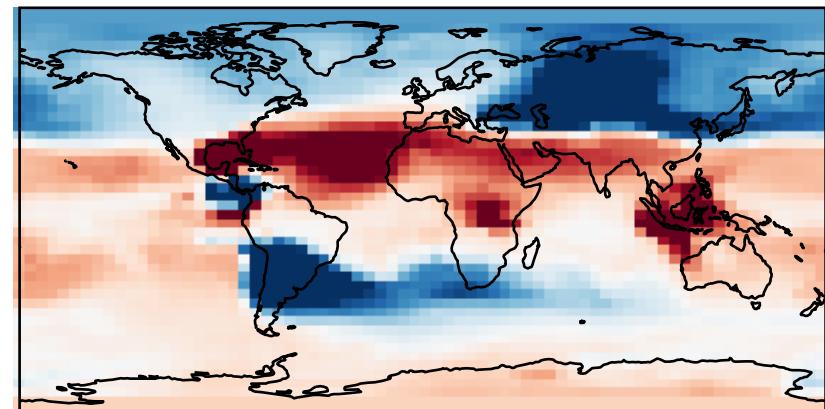
GC_12.6.0 (Dev)
4x5



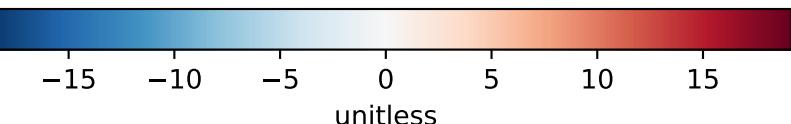
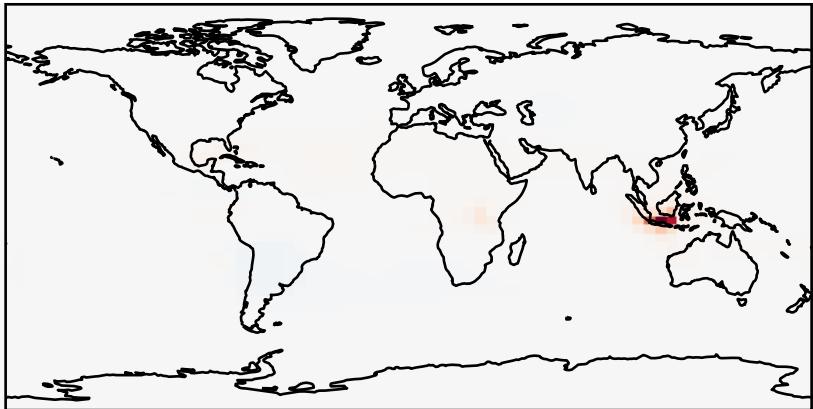
Difference
Dev - Ref, Dynamic Range



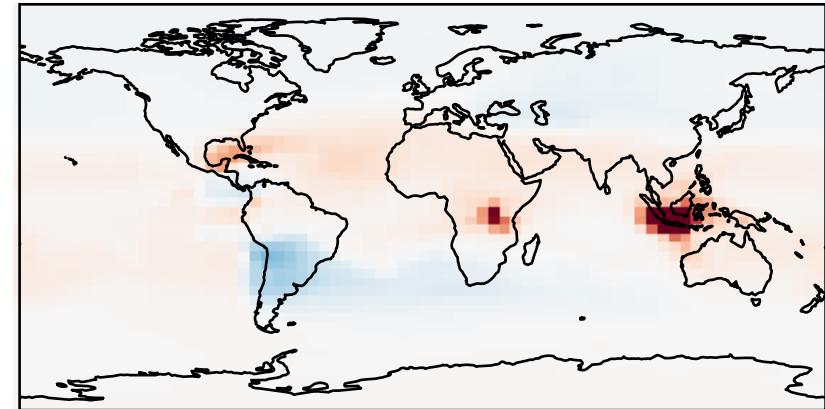
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

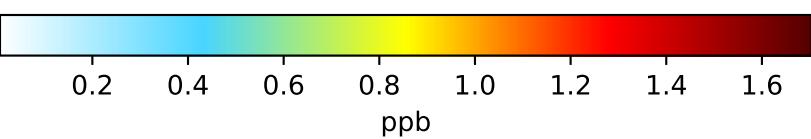
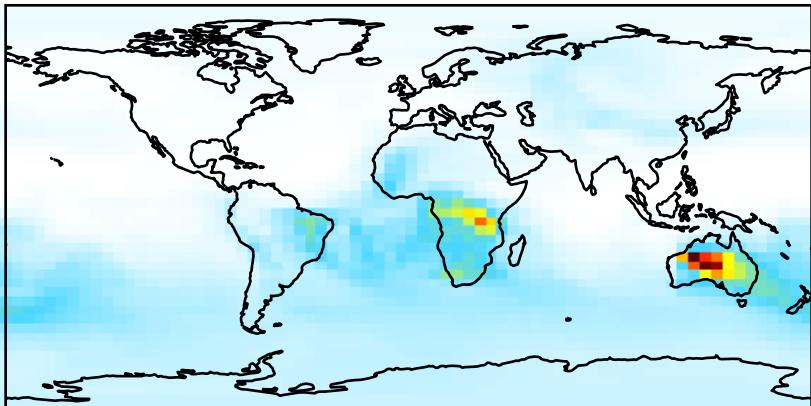


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

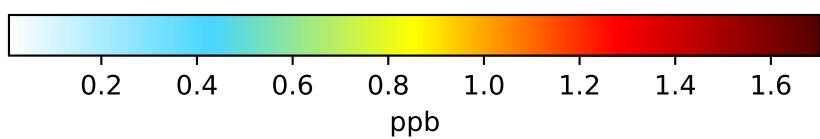
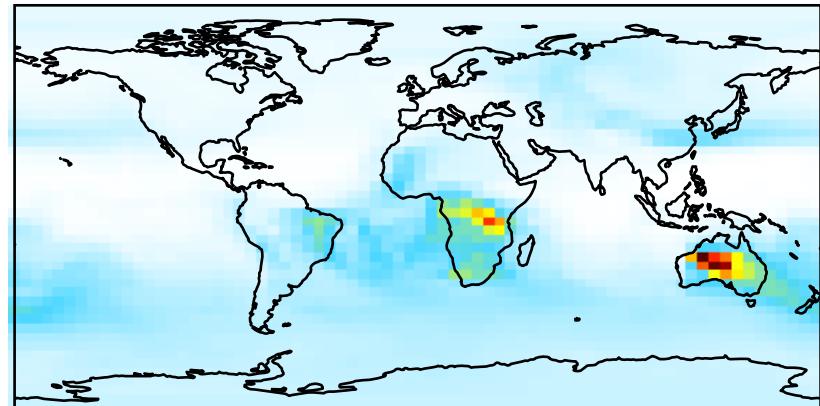


SpeciesConc_DST1

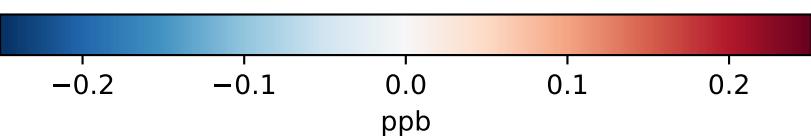
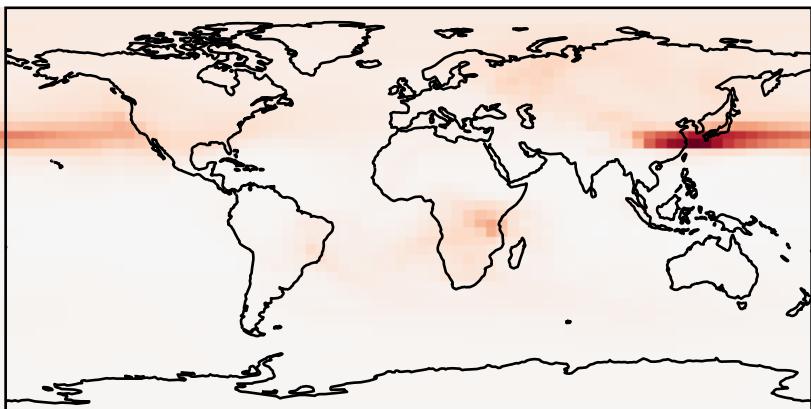
GC_12.4.0 (Ref)
4x5



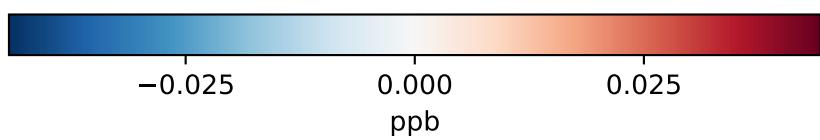
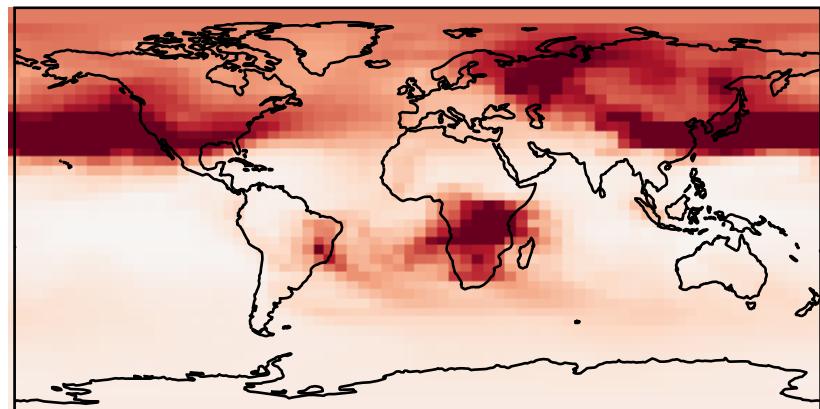
GC_12.6.0 (Dev)
4x5



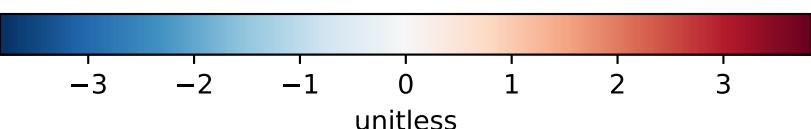
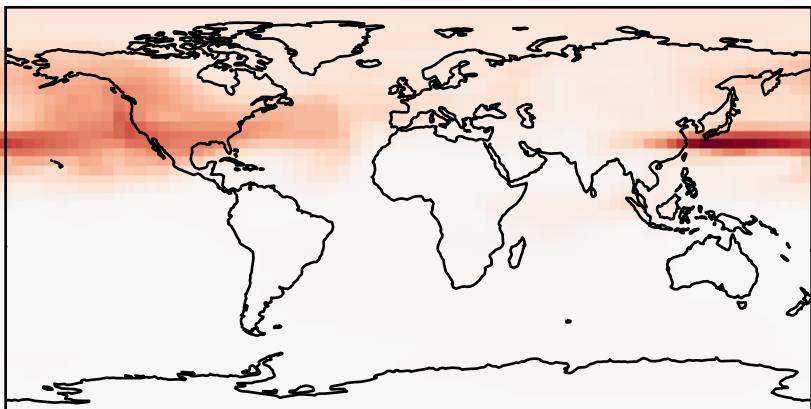
Difference
Dev - Ref, Dynamic Range



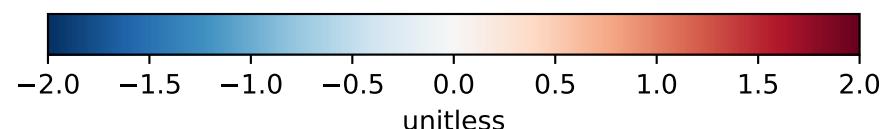
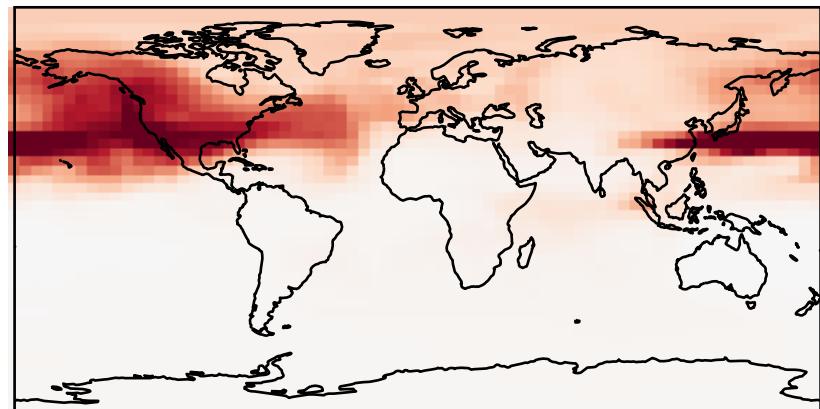
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

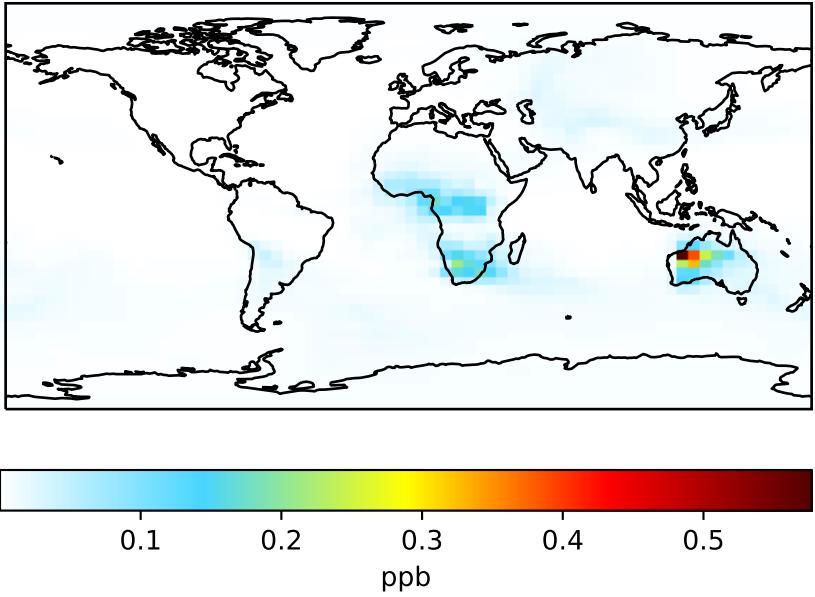


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

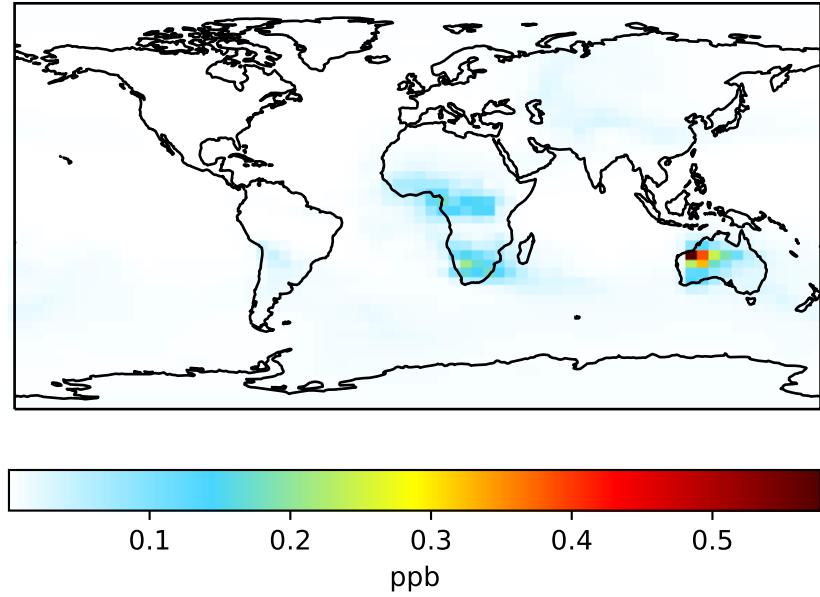


SpeciesConc_DST2

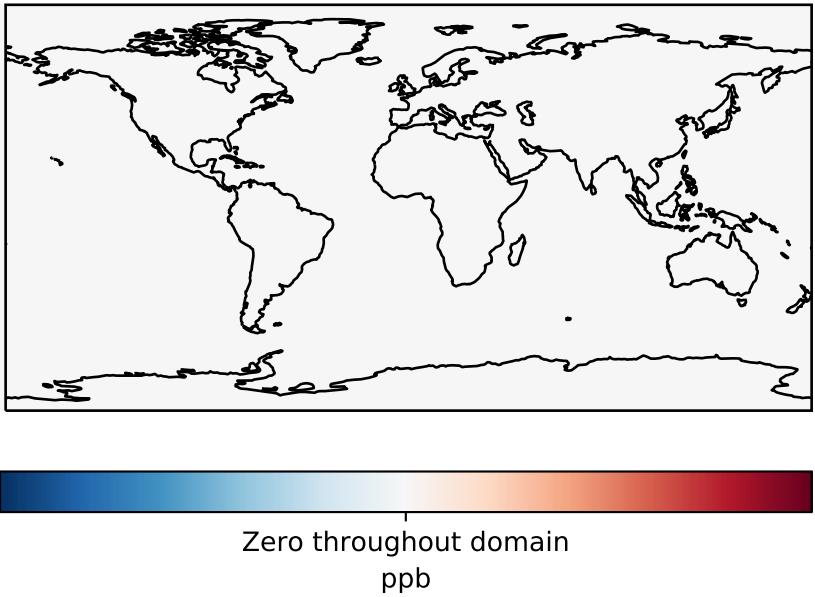
GC_12.4.0 (Ref)
4x5



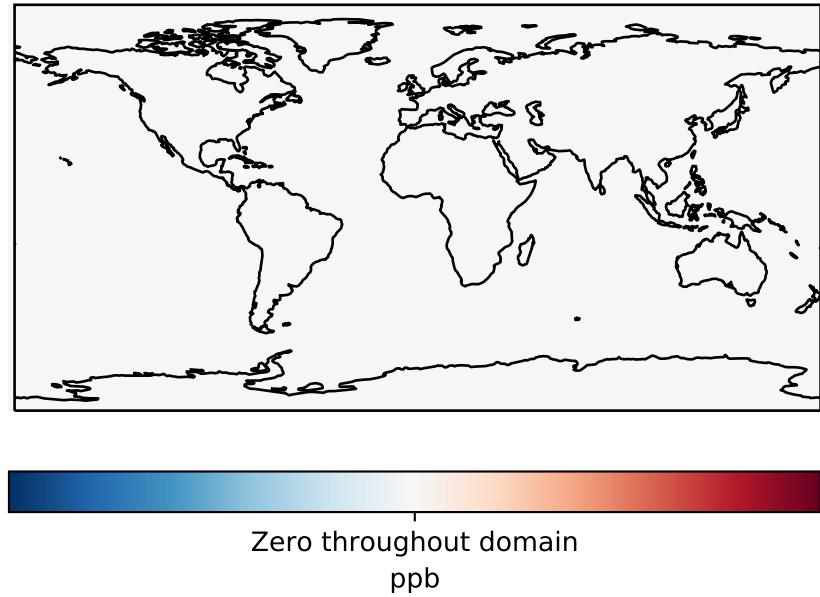
GC_12.6.0 (Dev)
4x5



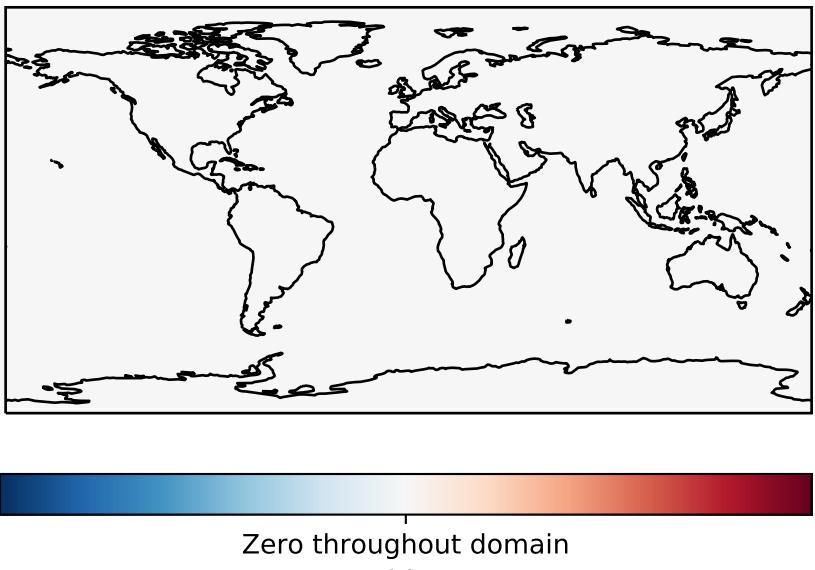
Difference
Dev - Ref, Dynamic Range



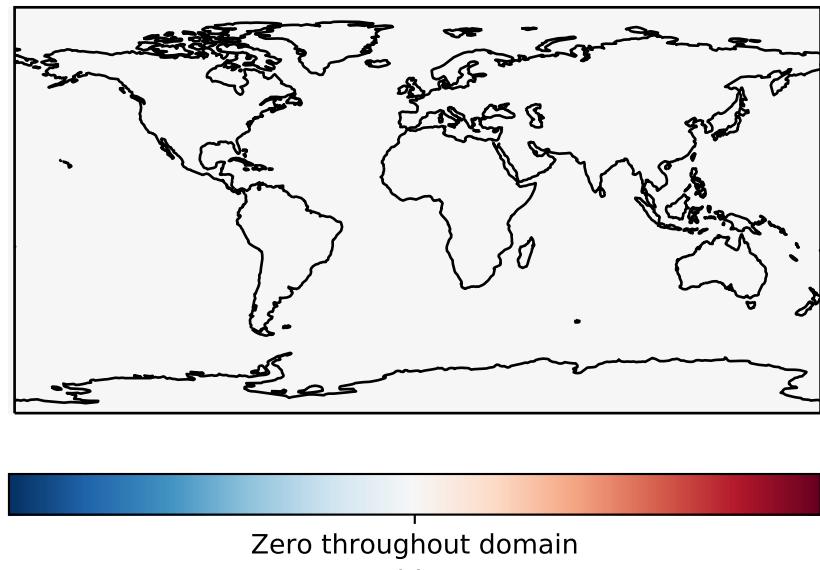
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

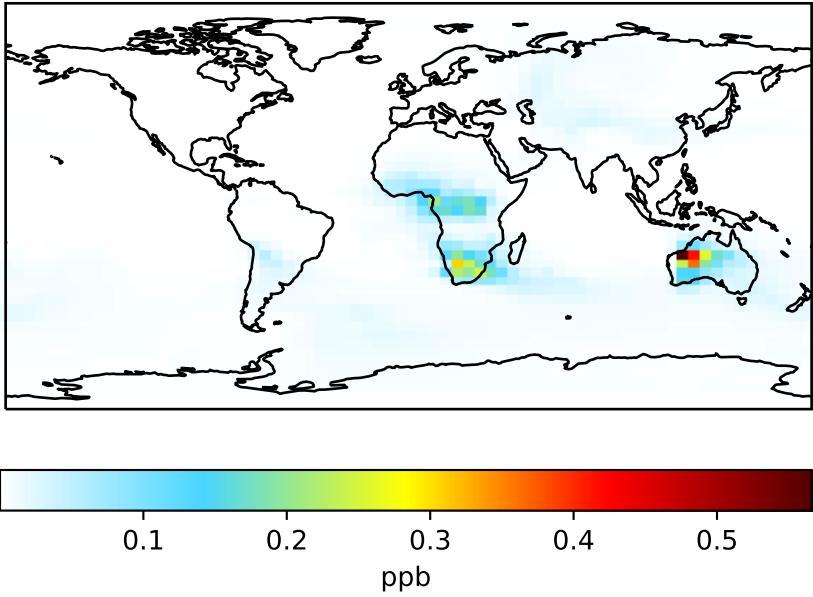


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

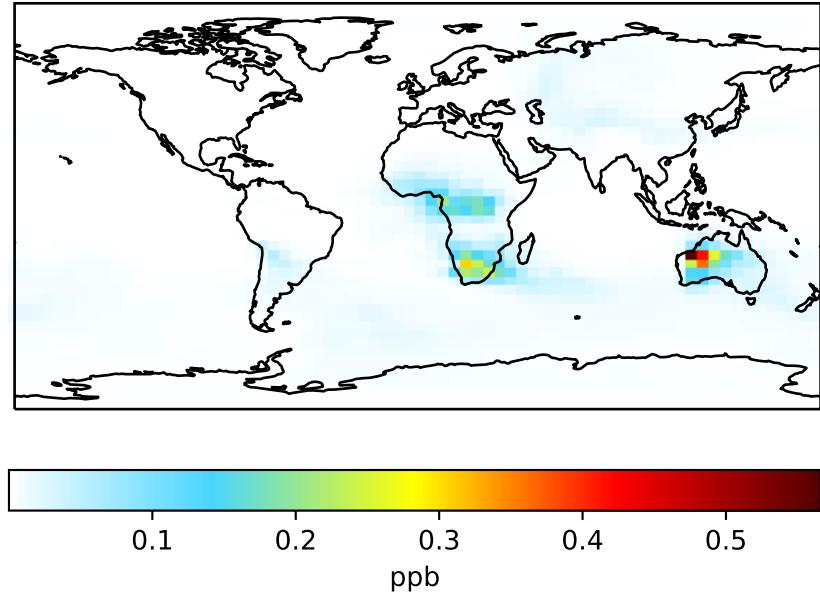


SpeciesConc_DST3

GC_12.4.0 (Ref)
4x5



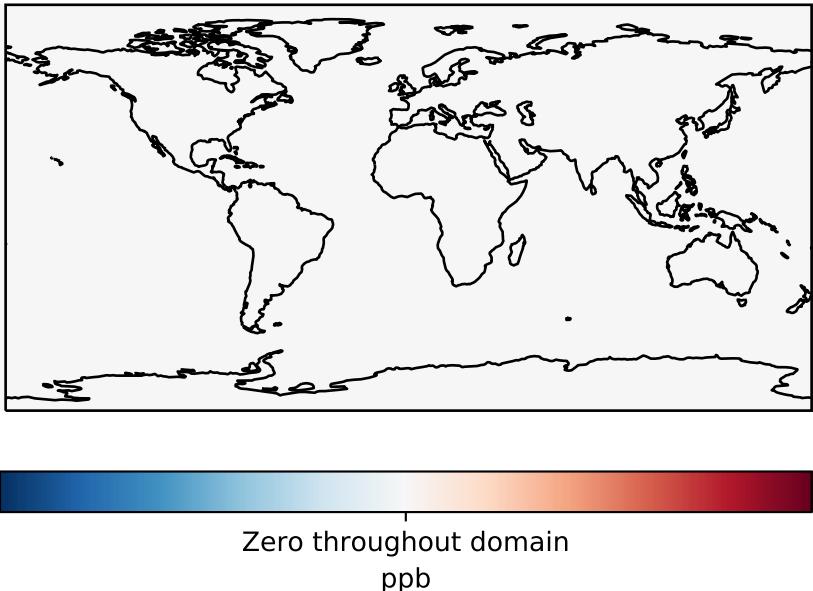
GC_12.6.0 (Dev)
4x5



0.1 0.2 0.3 0.4 0.5
ppb

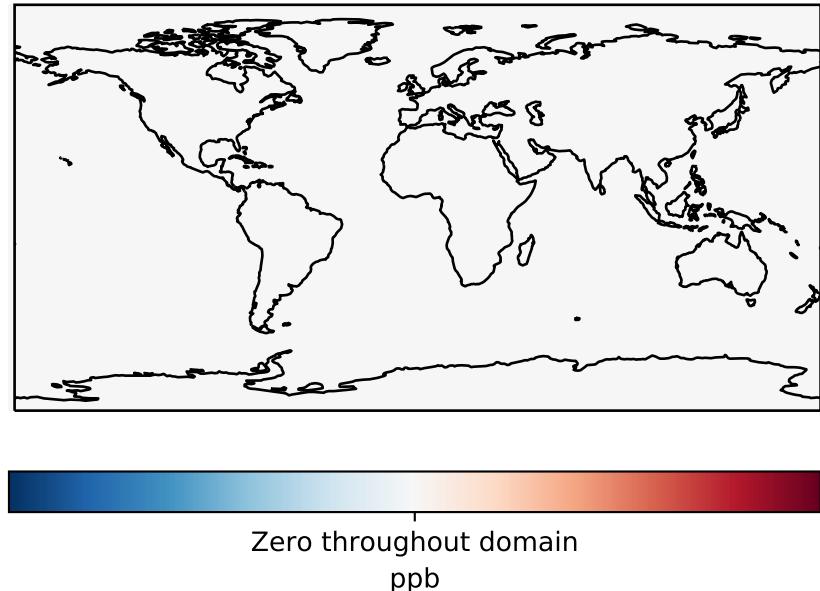
0.1 0.2 0.3 0.4 0.5
ppb

Difference
Dev - Ref, Dynamic Range



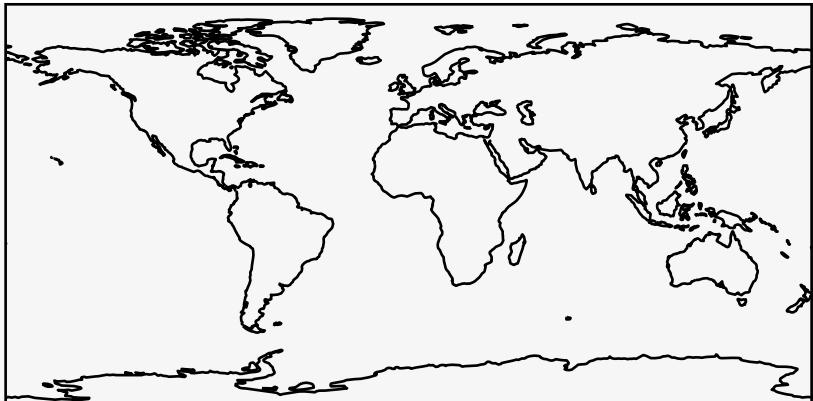
Zero throughout domain
ppb

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



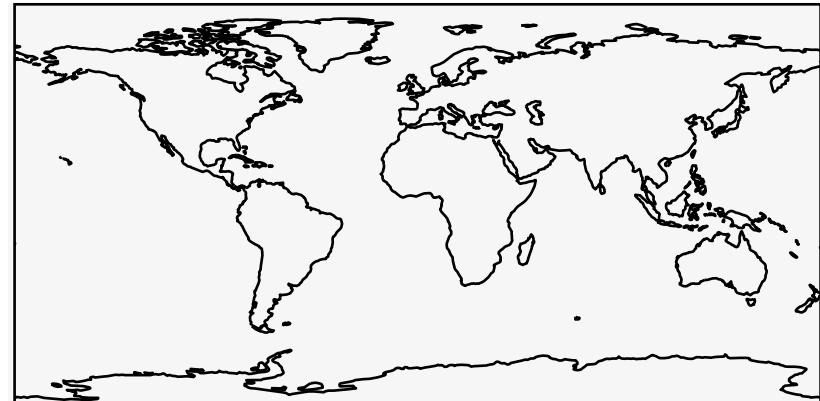
Zero throughout domain
ppb

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range



Zero throughout domain
unitless

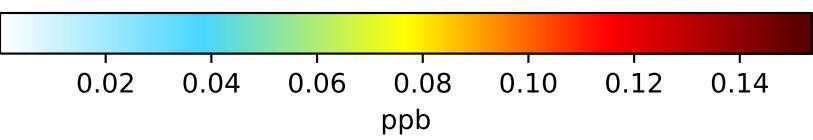
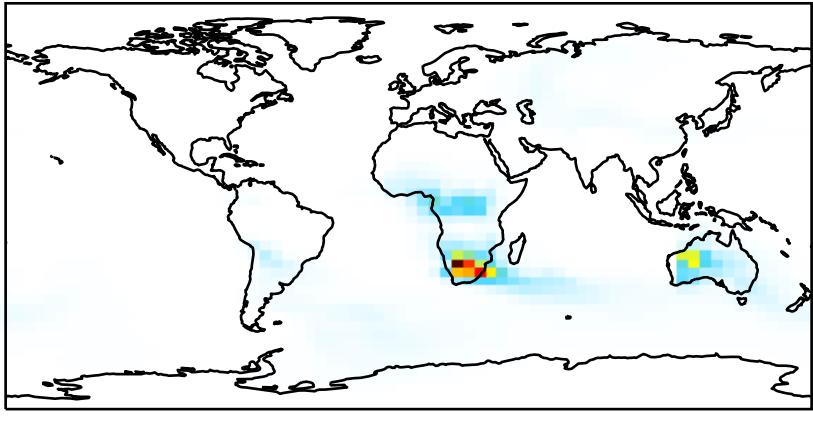
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



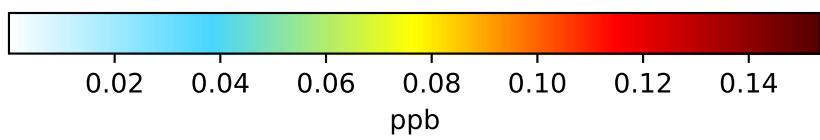
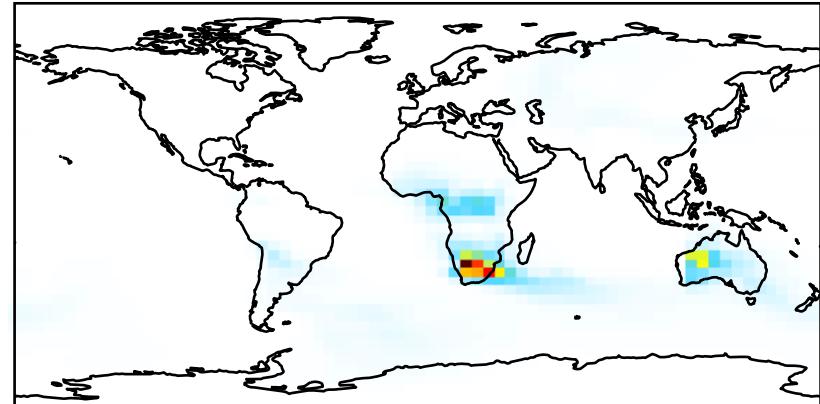
Zero throughout domain
unitless

SpeciesConc_DST4

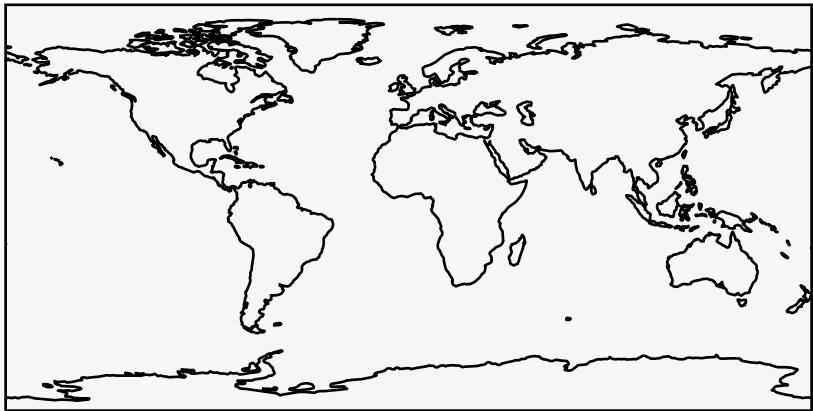
GC_12.4.0 (Ref)
4x5



GC_12.6.0 (Dev)
4x5

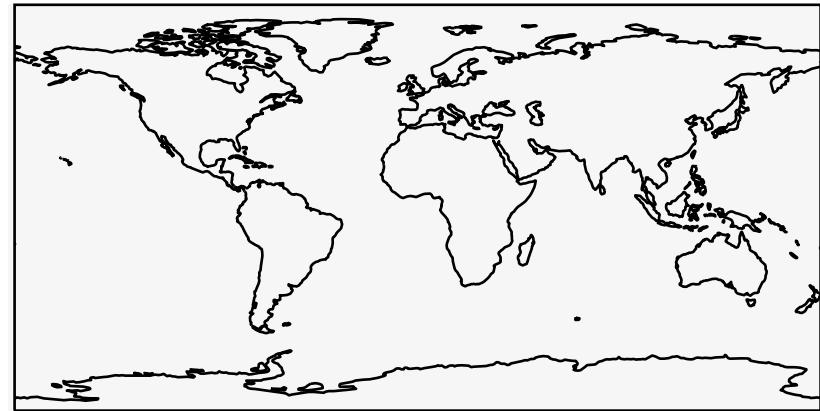


Difference
Dev - Ref, Dynamic Range



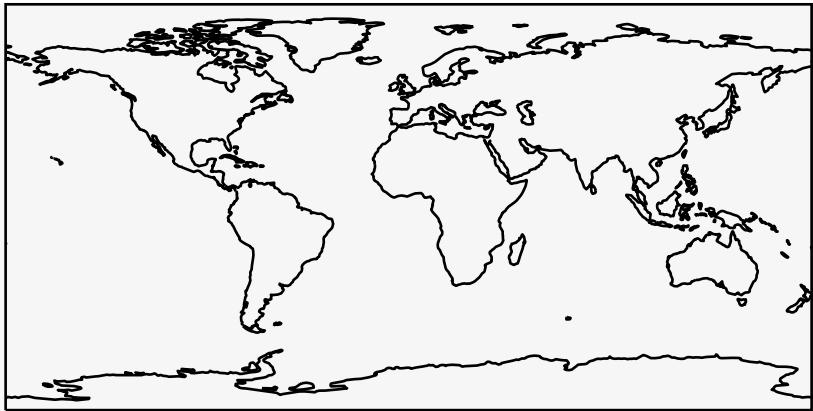
Zero throughout domain
ppb

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



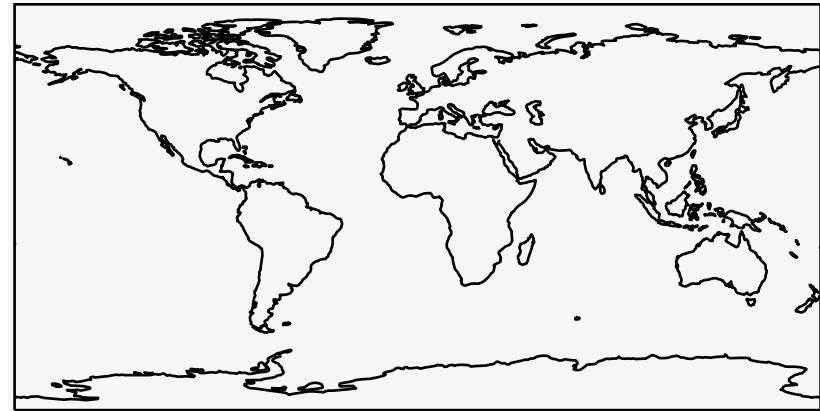
Zero throughout domain
ppb

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range



Zero throughout domain
unitless

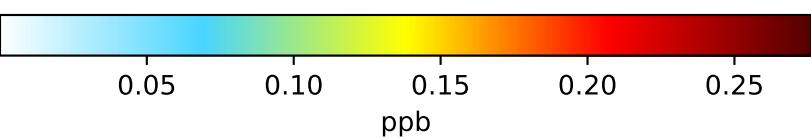
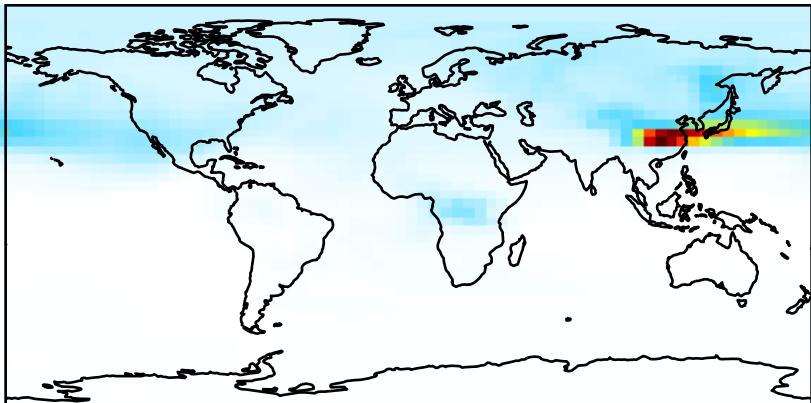
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



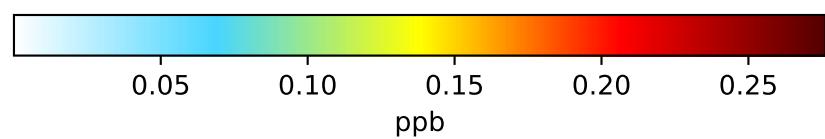
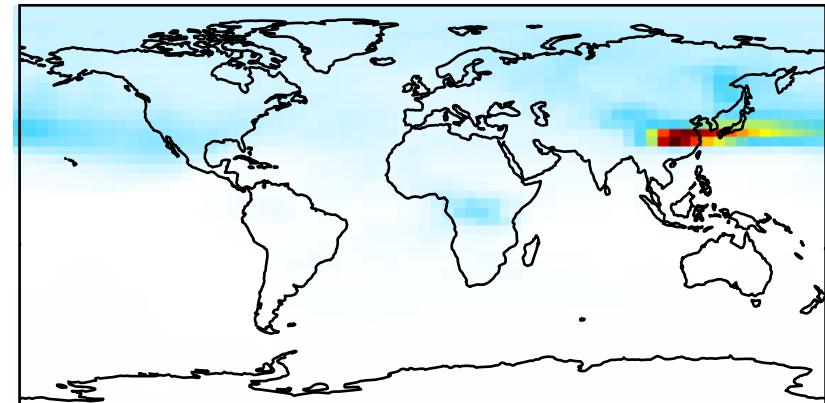
Zero throughout domain
unitless

SpeciesConc_BCPI

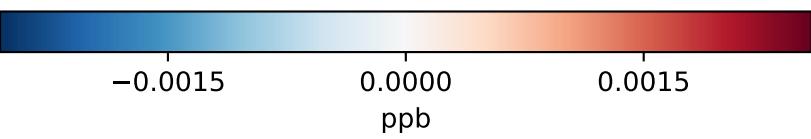
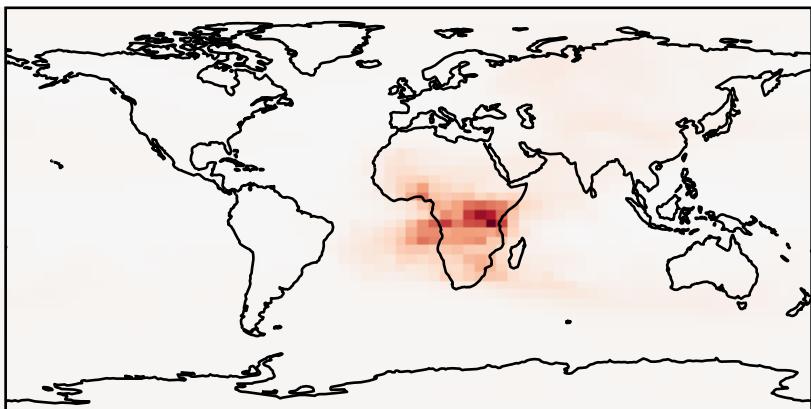
GC_12.4.0 (Ref)
4x5



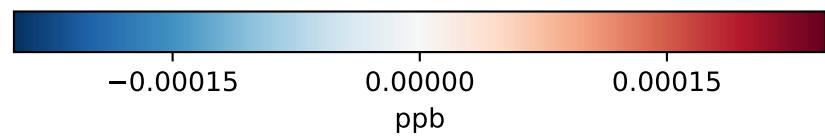
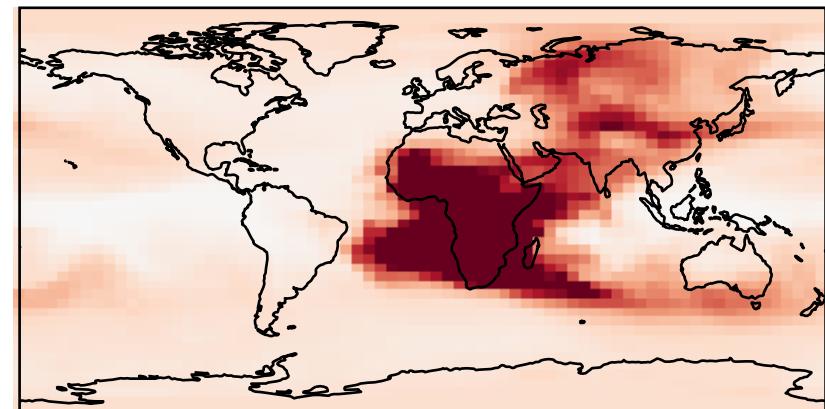
GC_12.6.0 (Dev)
4x5



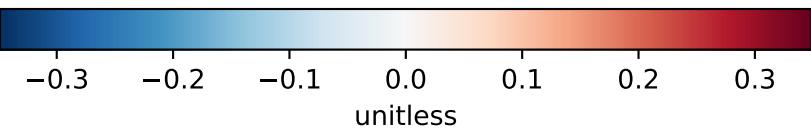
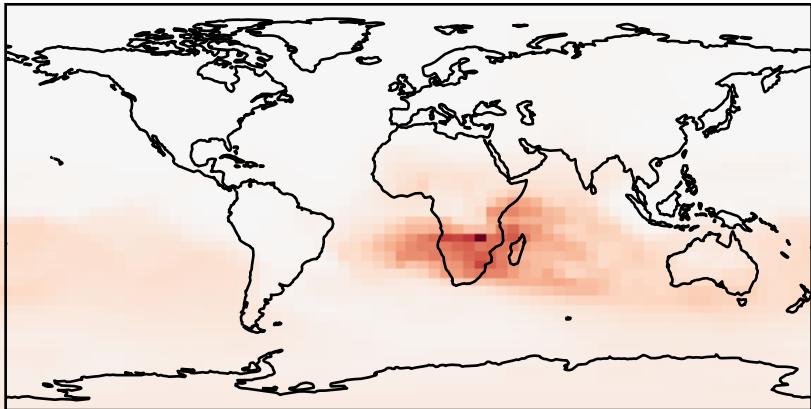
Difference
Dev - Ref, Dynamic Range



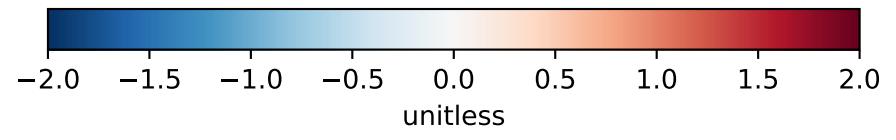
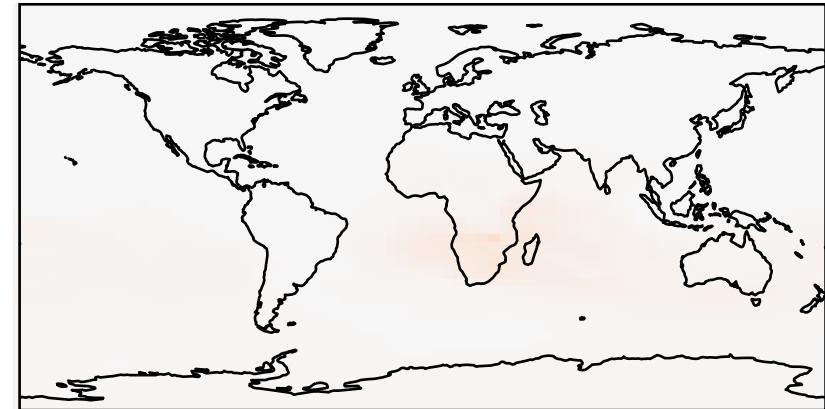
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

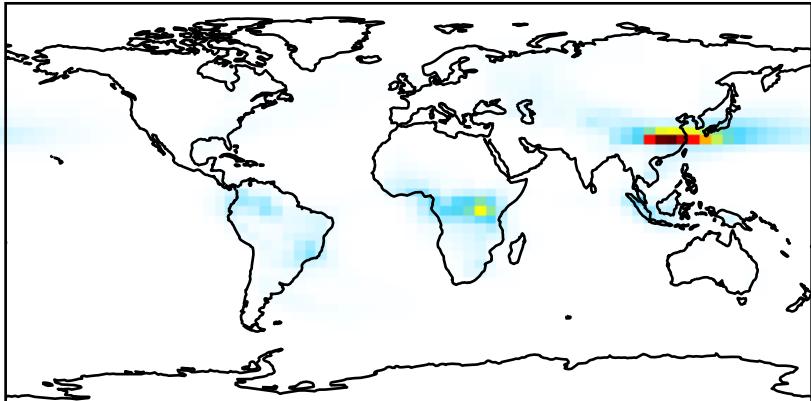


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

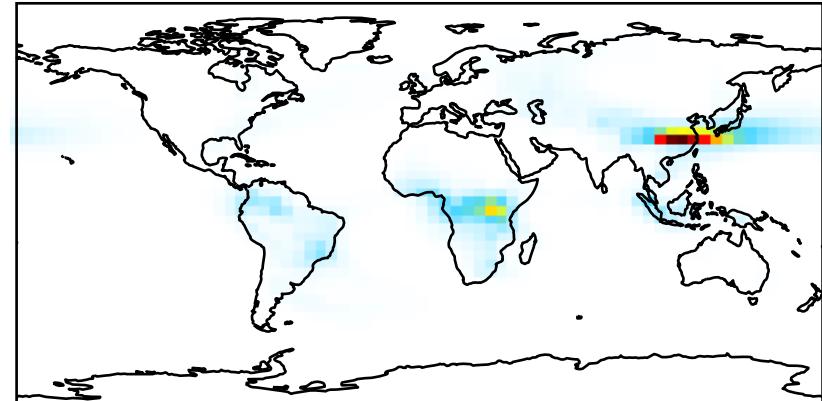


SpeciesConc_BCPO

GC_12.4.0 (Ref)
4x5



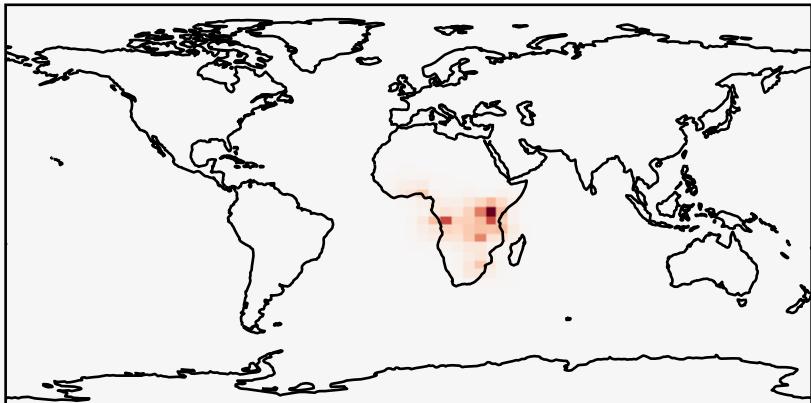
GC_12.6.0 (Dev)
4x5



0.008 0.016 0.024
ppb

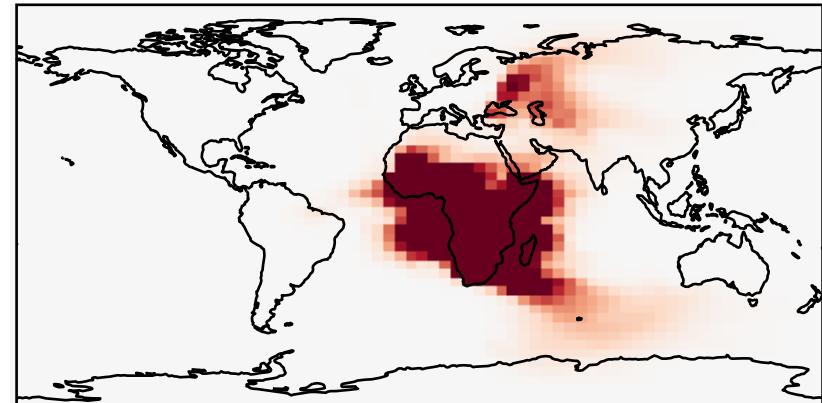
0.008 0.016 0.024
ppb

Difference
Dev - Ref, Dynamic Range



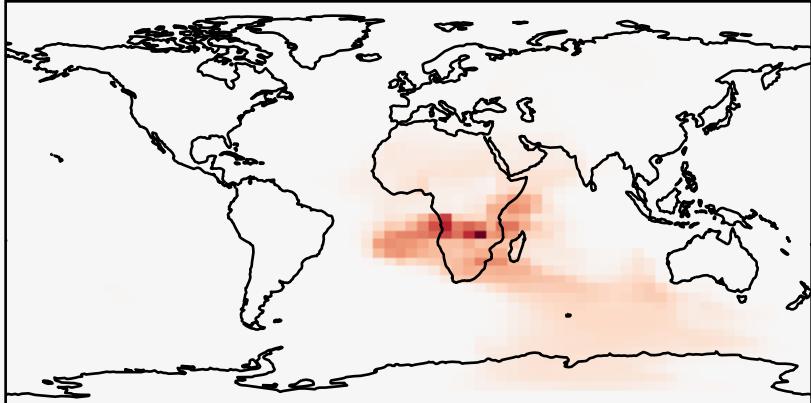
-0.0015 0.0000 0.0015
ppb

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



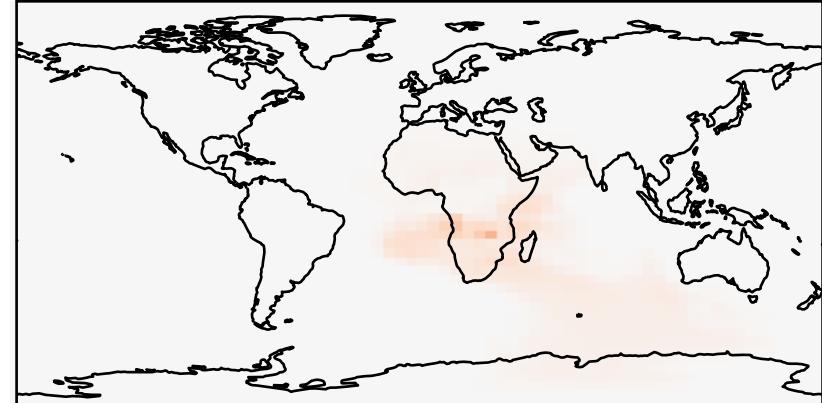
-0.000005 0.000000 0.000005
ppb

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range



-0.6 -0.4 -0.2 0.0 0.2 0.4 0.6
unitless

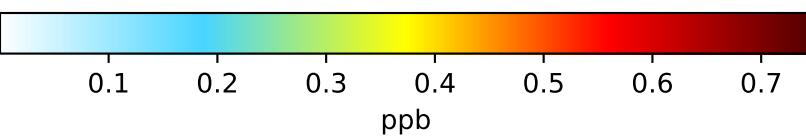
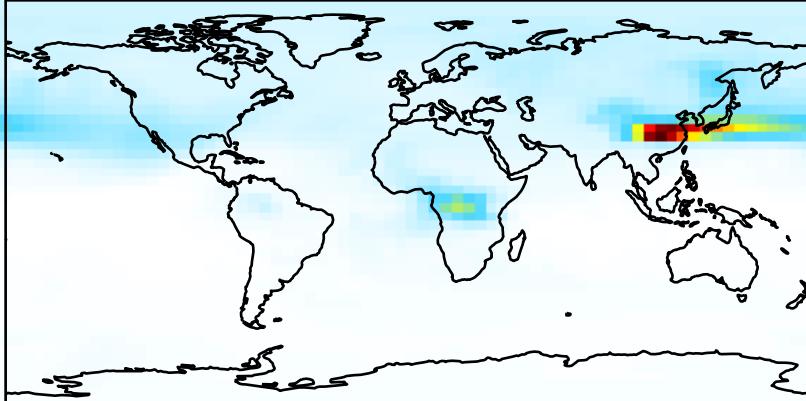
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



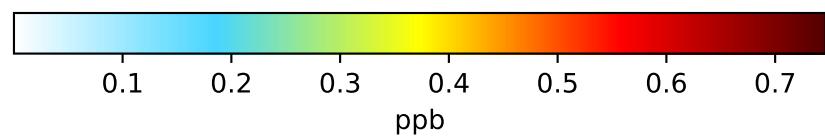
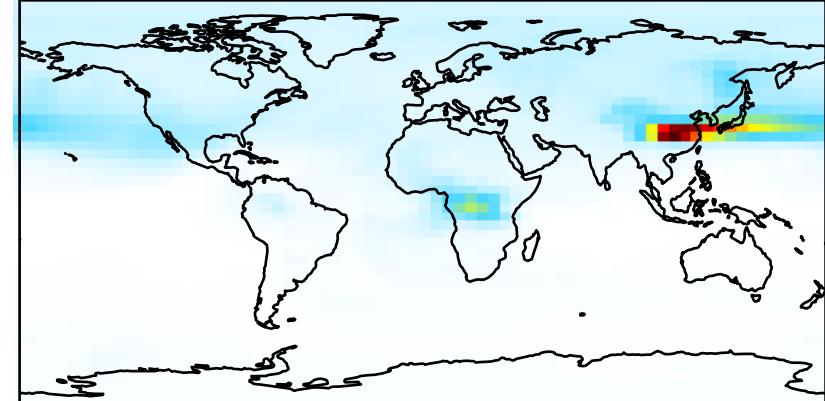
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

SpeciesConc_OCPI

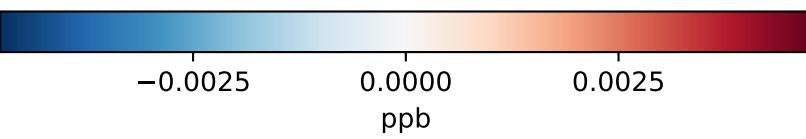
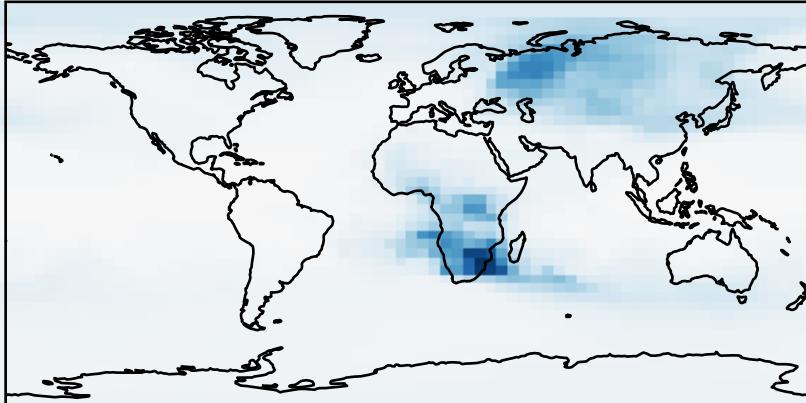
GC_12.4.0 (Ref)
4x5



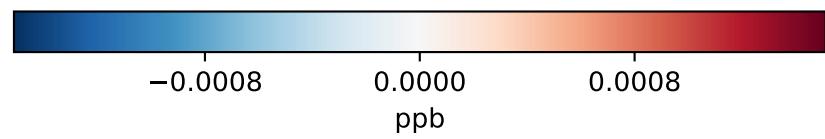
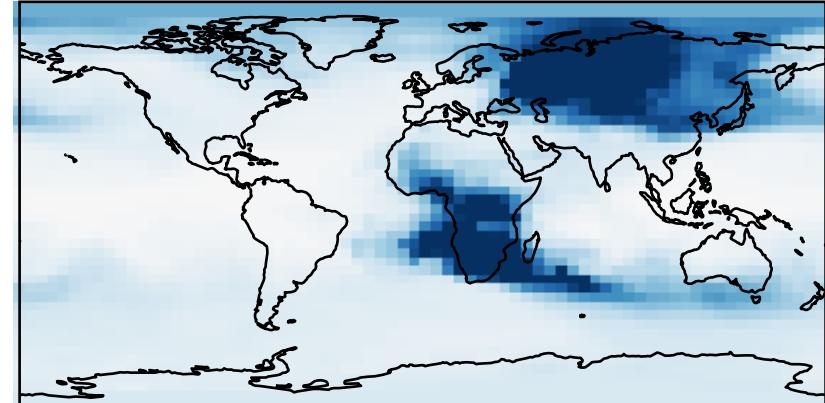
GC_12.6.0 (Dev)
4x5



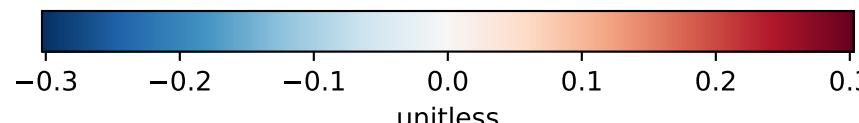
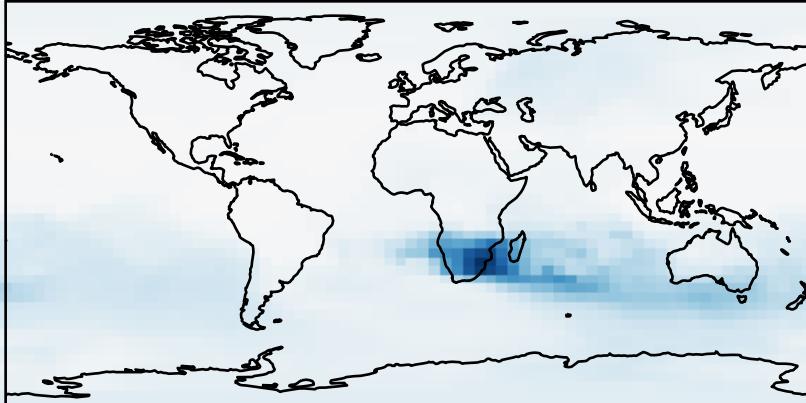
Difference
Dev - Ref, Dynamic Range



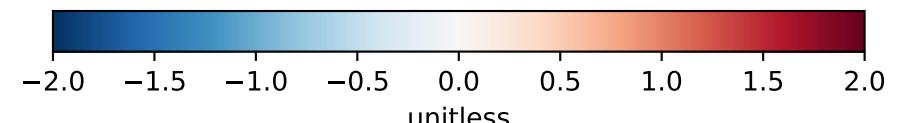
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

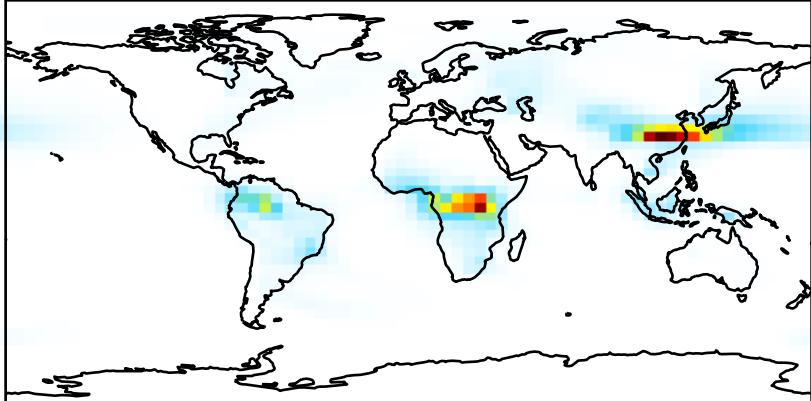


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

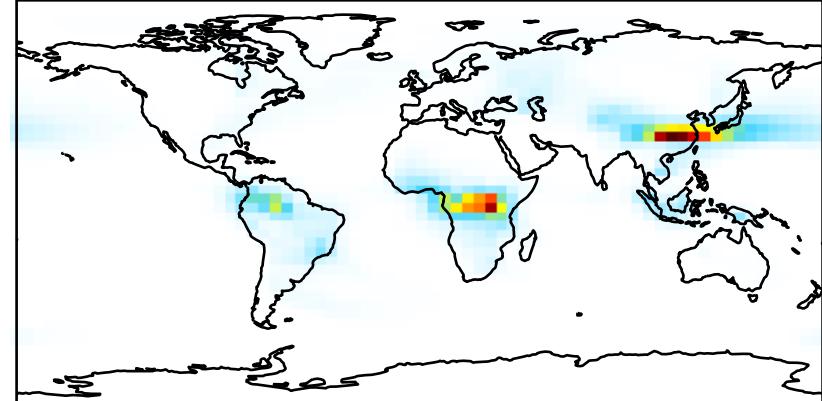


SpeciesConc_OCPO

GC_12.4.0 (Ref)
4x5



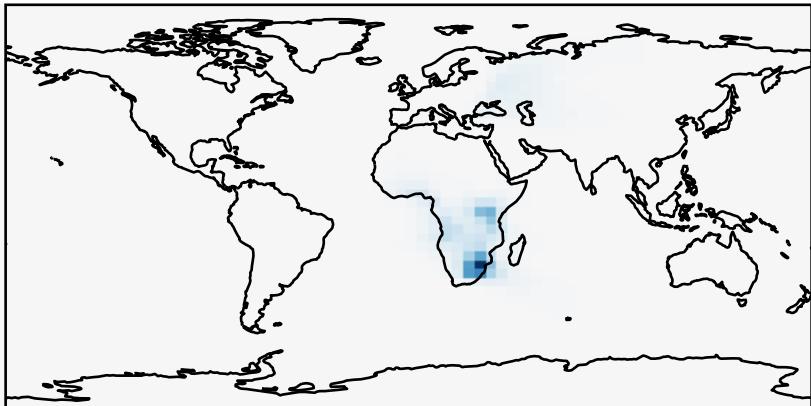
GC_12.6.0 (Dev)
4x5



0.015 0.030 0.045
ppb

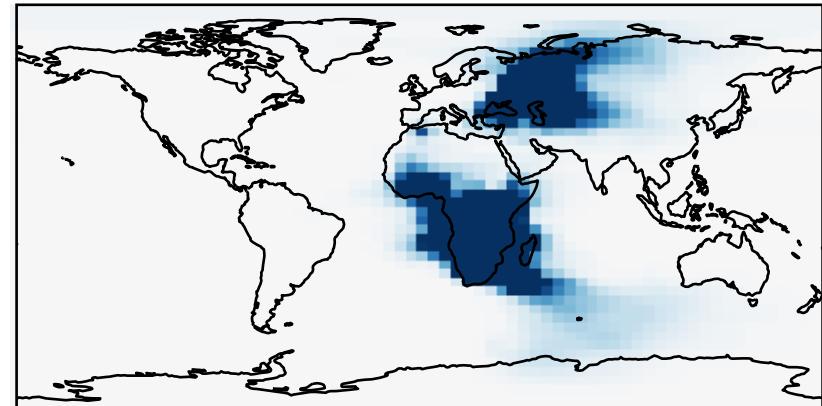
0.015 0.030 0.045
ppb

Difference
Dev - Ref, Dynamic Range



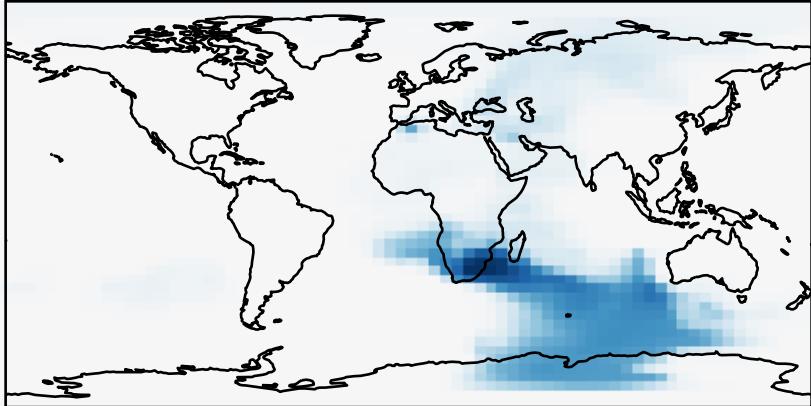
-0.0015 0.0000 0.0015
ppb

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



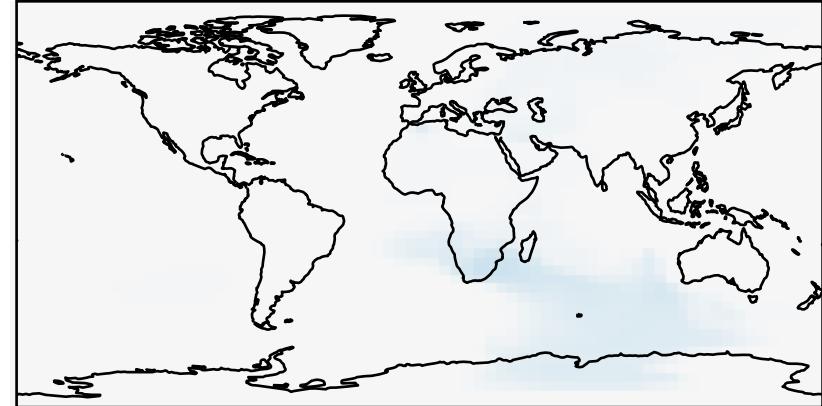
-0.000025 0.000000 0.000025
ppb

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range



-0.4 -0.3 -0.2 -0.1 0.0 0.1 0.2 0.3 0.4
unitless

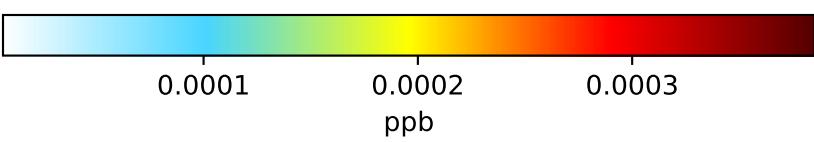
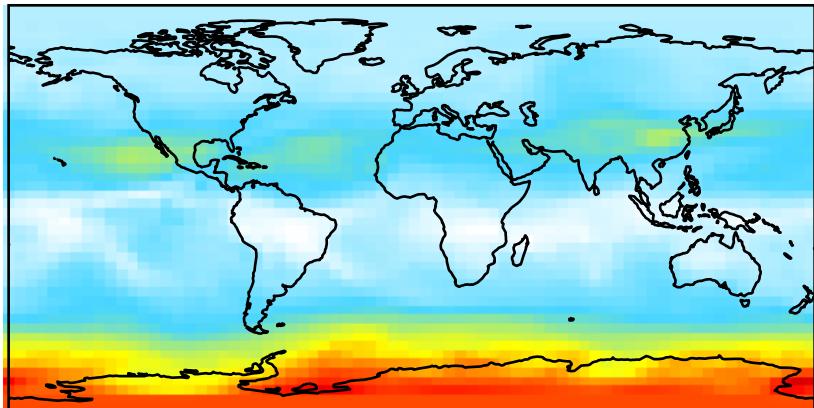
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



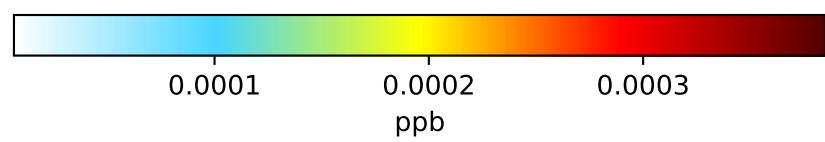
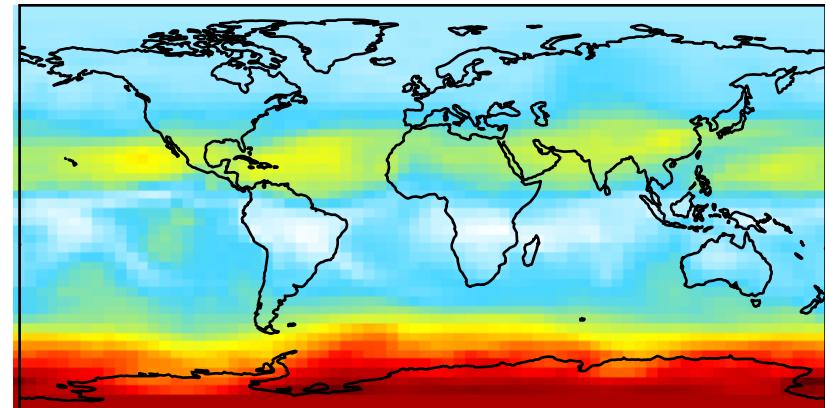
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

SpeciesConc_AERI

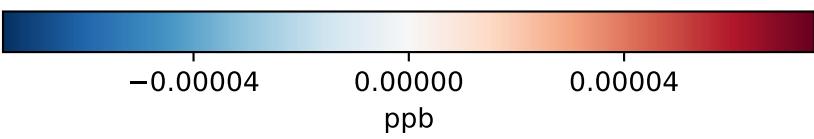
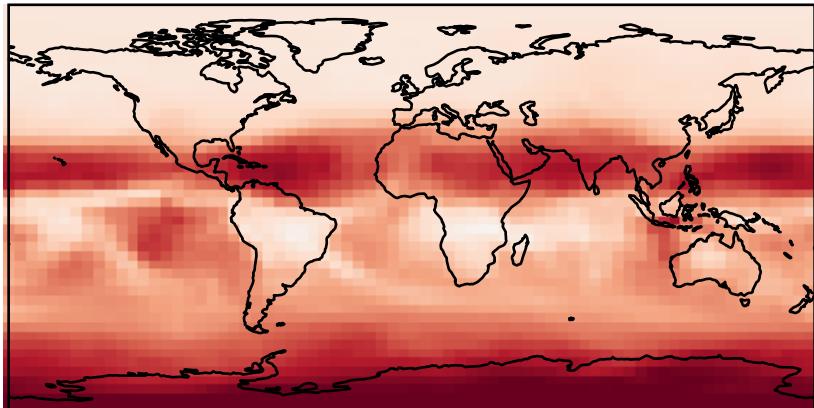
GC_12.4.0 (Ref)
4x5



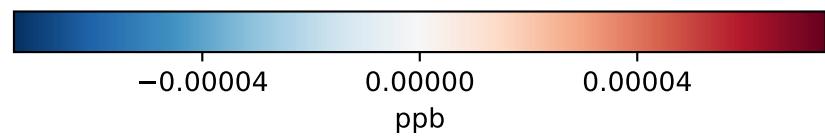
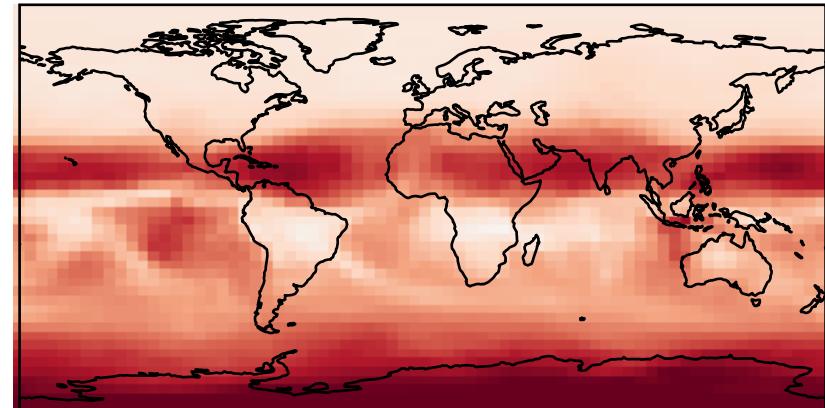
GC_12.6.0 (Dev)
4x5



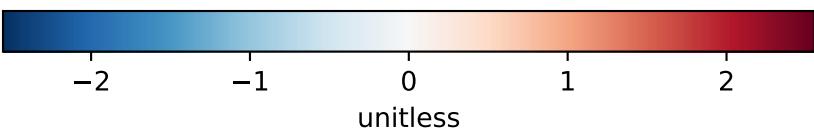
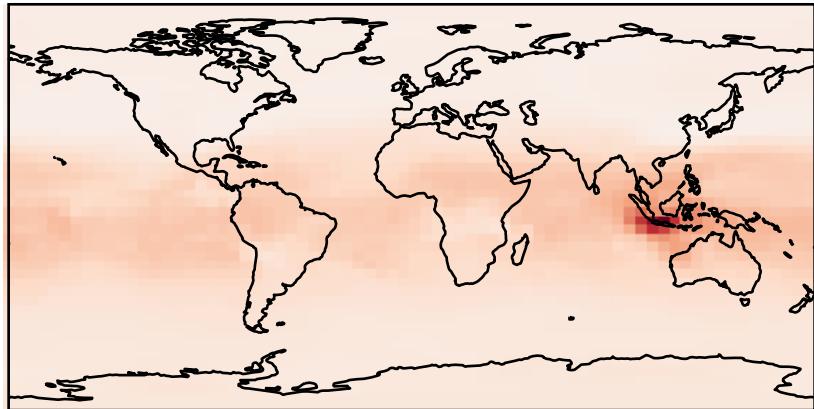
Difference
Dev - Ref, Dynamic Range



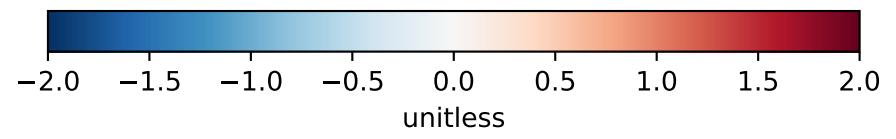
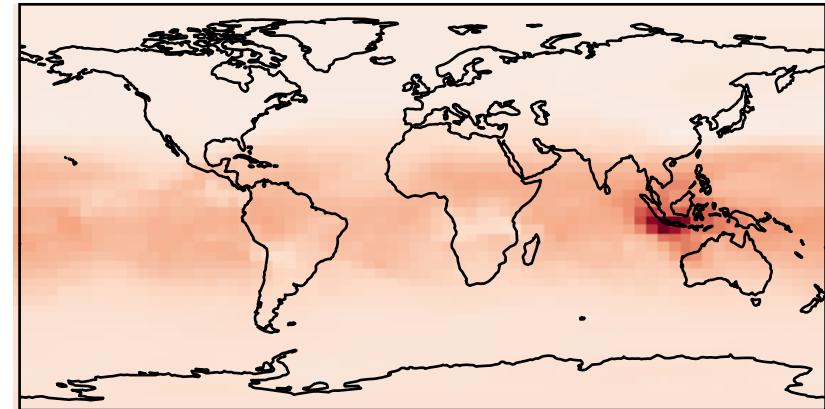
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

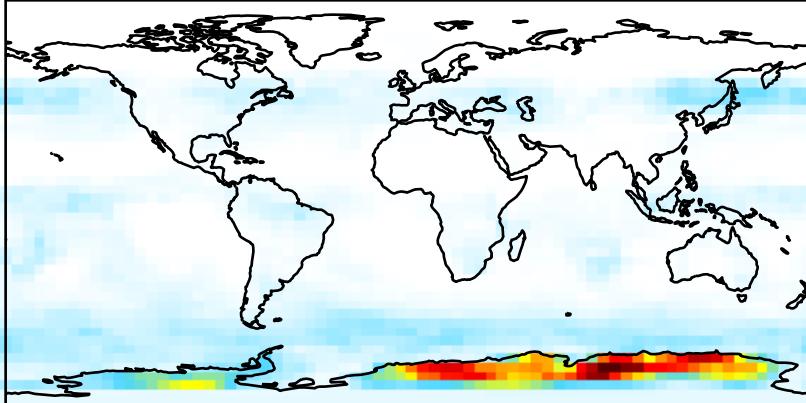


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

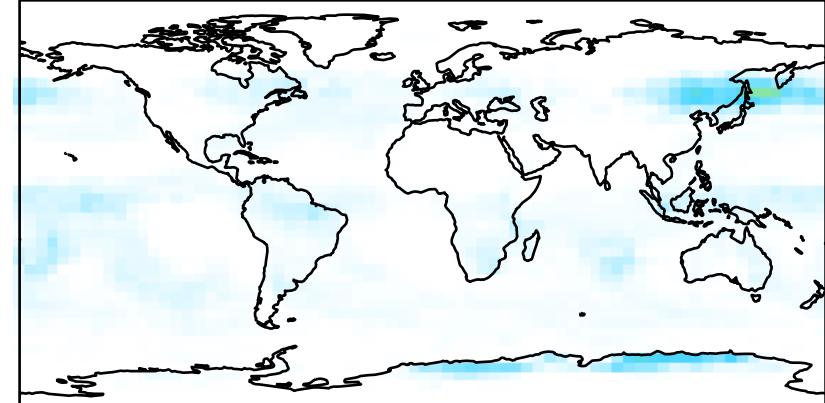


SpeciesConc_BrSALA

GC_12.4.0 (Ref)
4x5



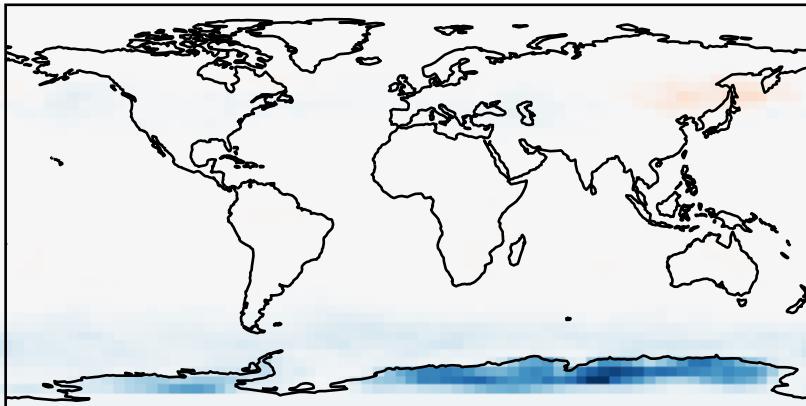
GC_12.6.0 (Dev)
4x5



0.000008 0.000016 0.000024
ppb

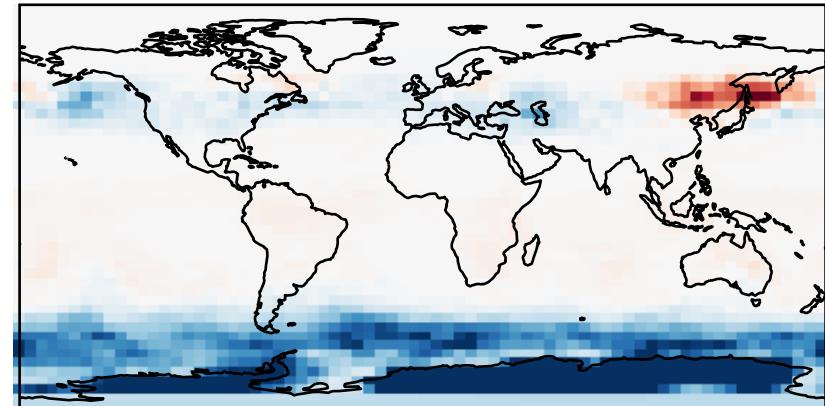
0.000008 0.000016 0.000024
ppb

Difference
Dev - Ref, Dynamic Range



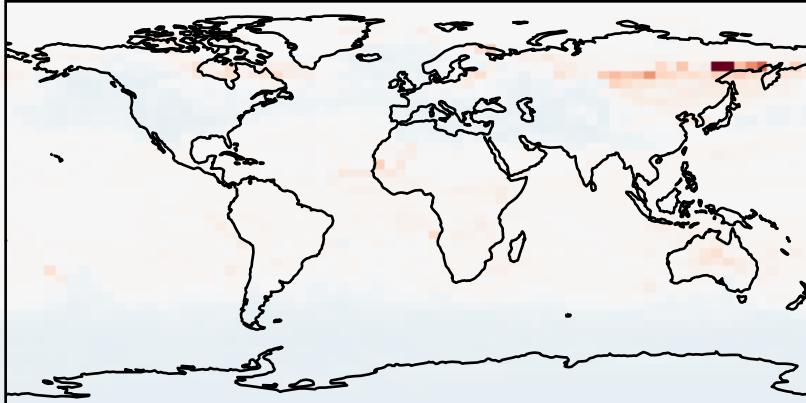
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ppb

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



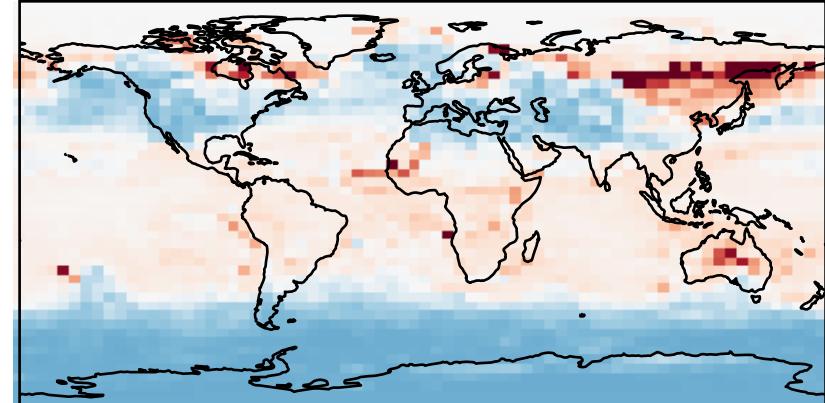
-0.000002 0.000000 0.000002
ppb

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range



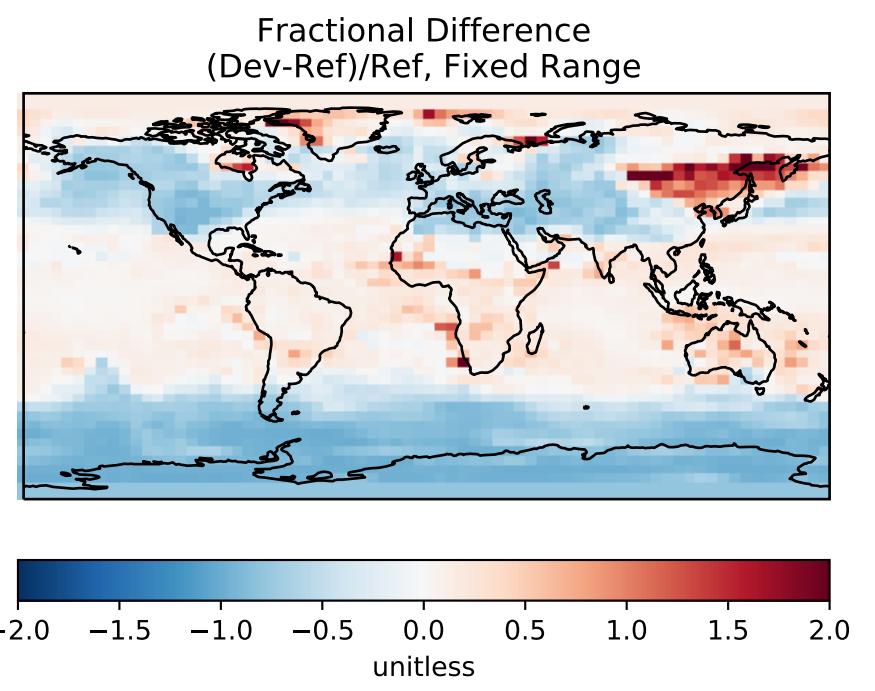
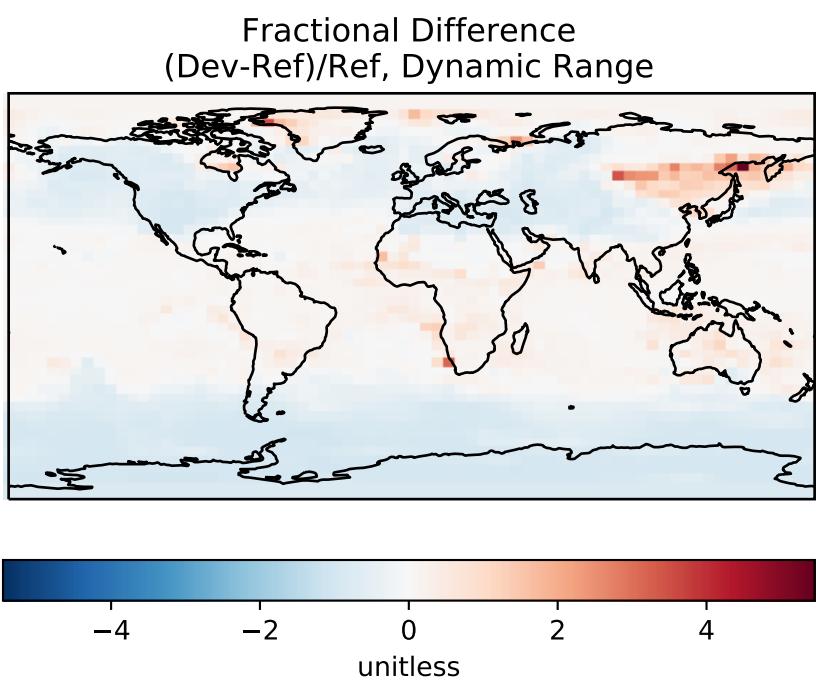
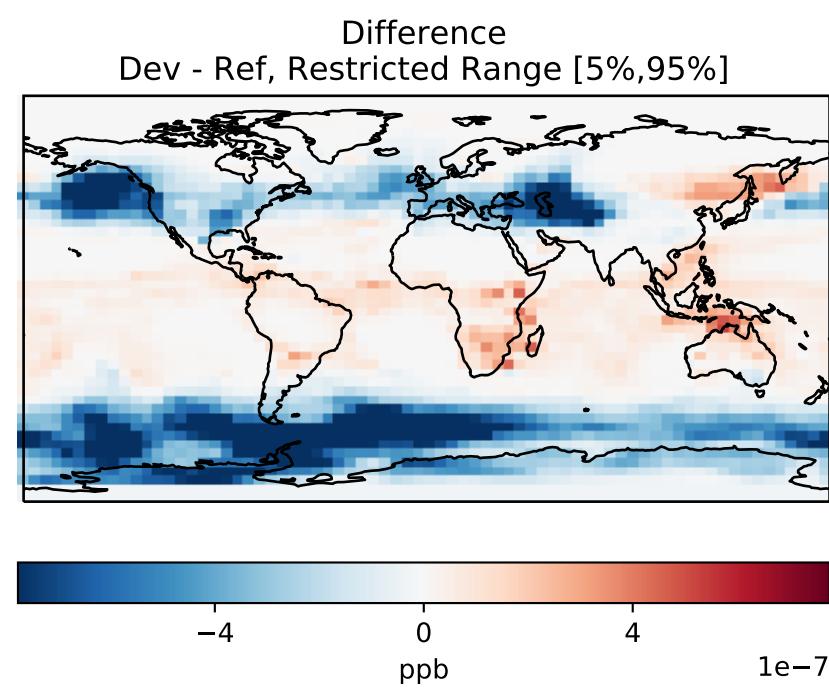
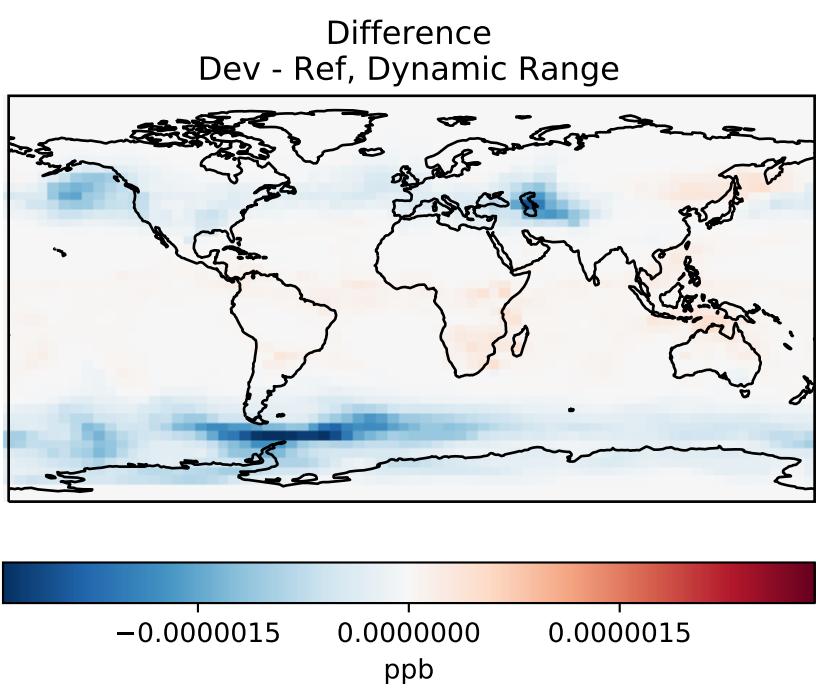
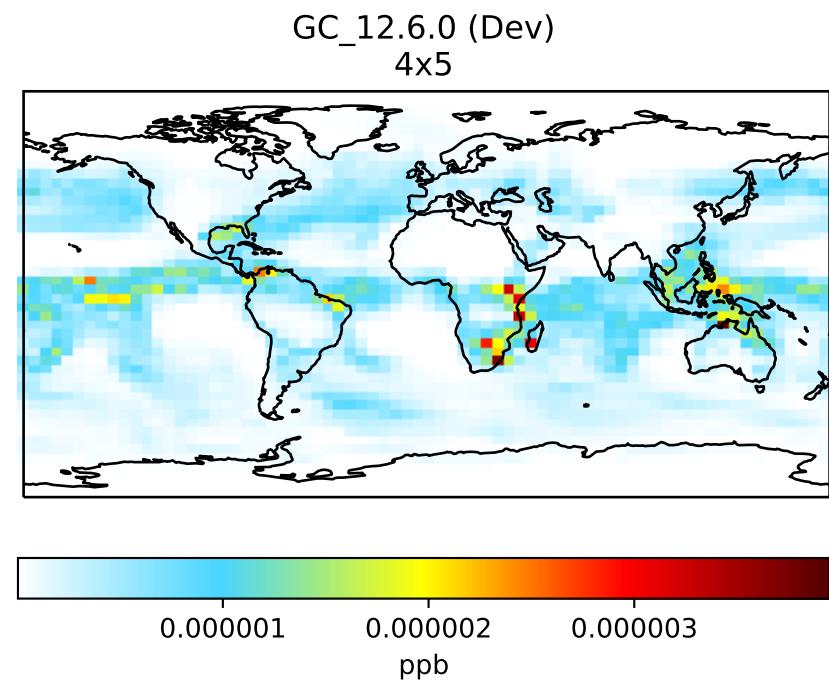
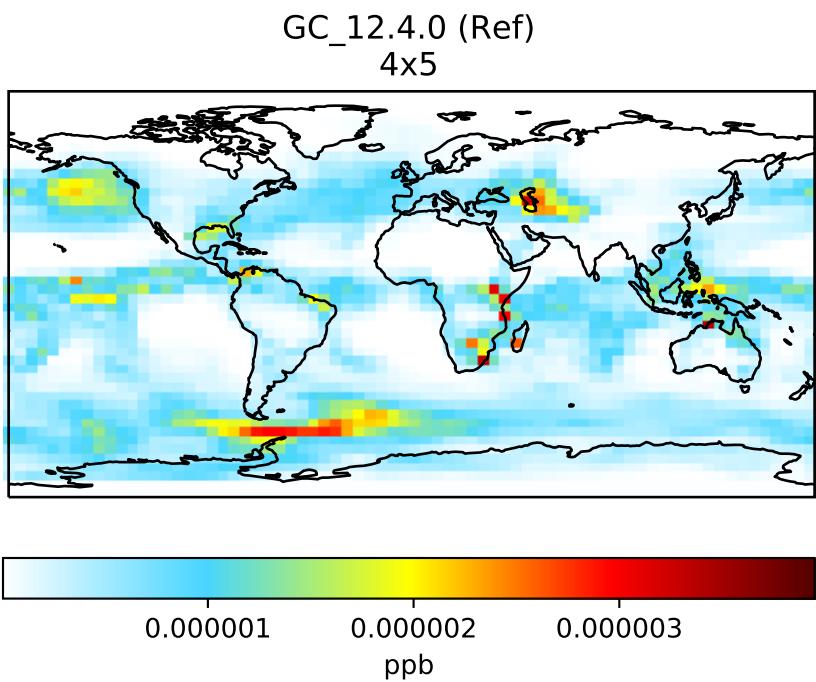
-10 -5 0 5 10
unitless

Fractional Difference
(Dev-Ref)/Ref, Fixed Range



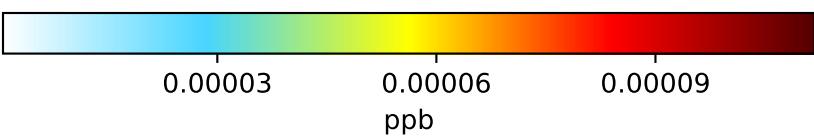
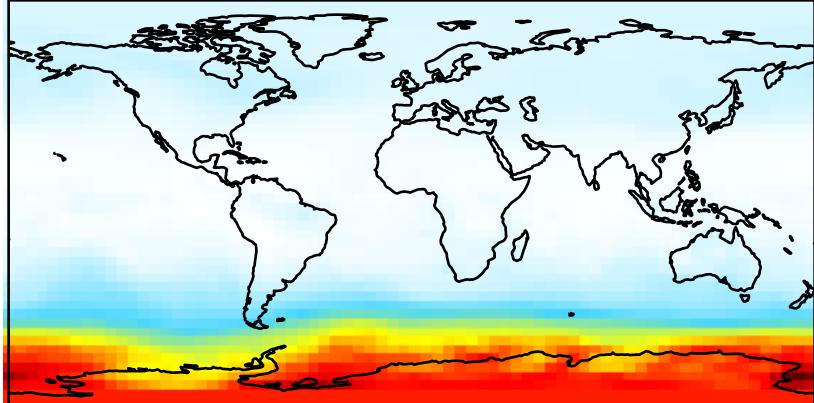
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

SpeciesConc_BrSALC

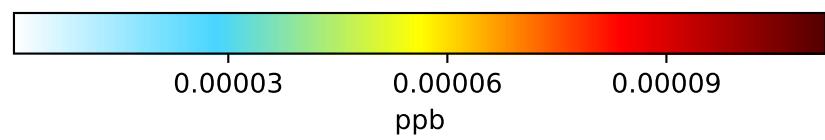
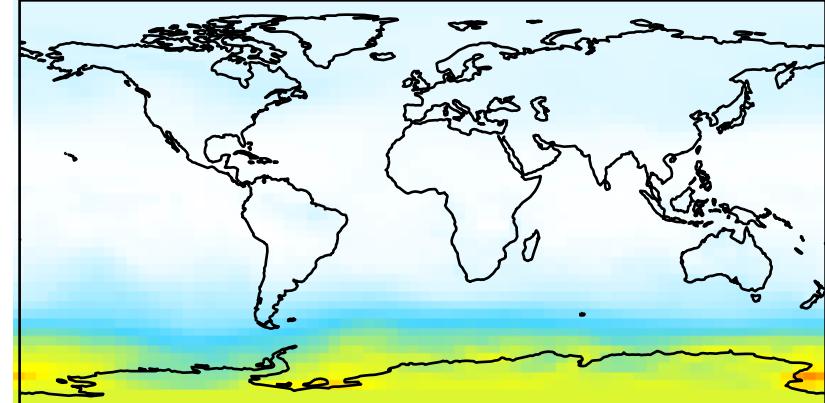


SpeciesConc_ISALA

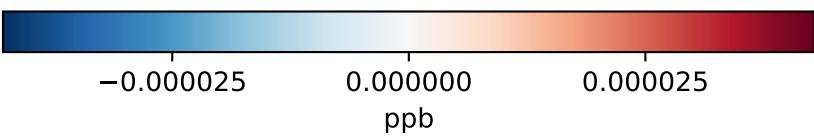
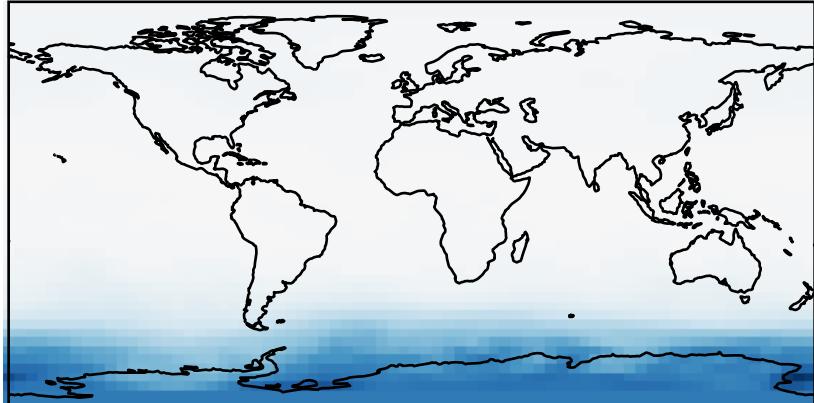
GC_12.4.0 (Ref)
4x5



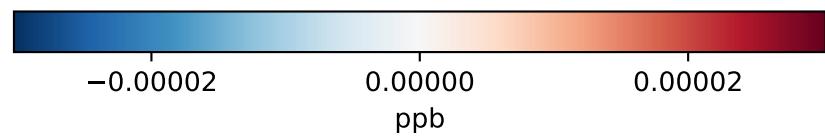
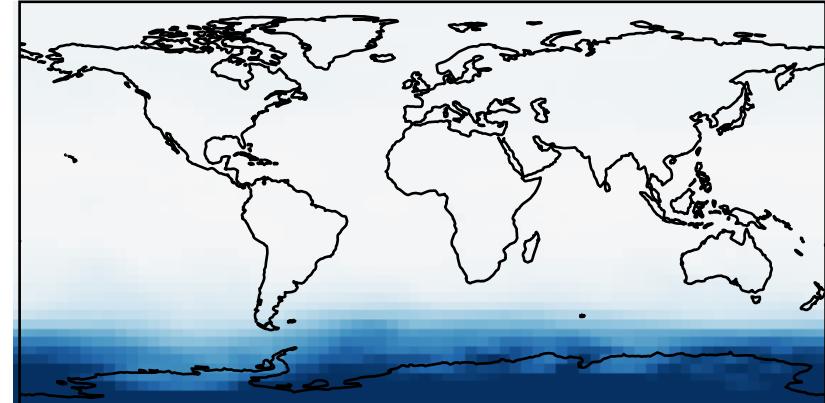
GC_12.6.0 (Dev)
4x5



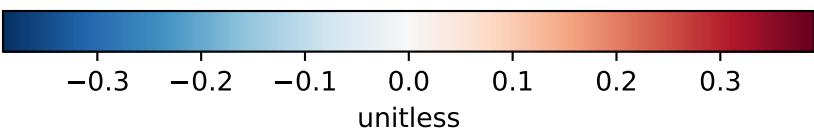
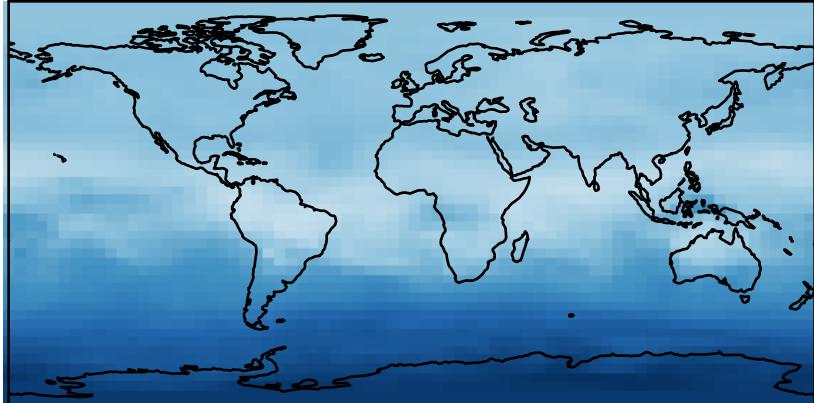
Difference
Dev - Ref, Dynamic Range



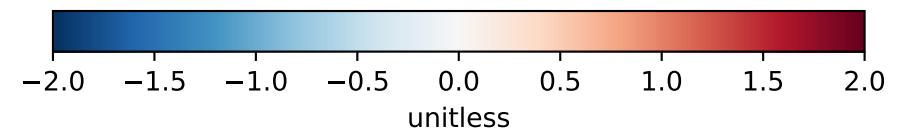
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

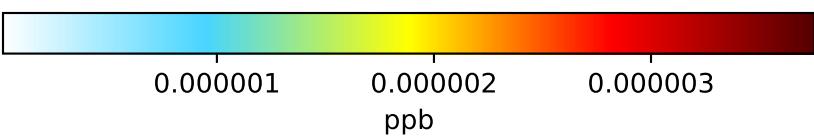
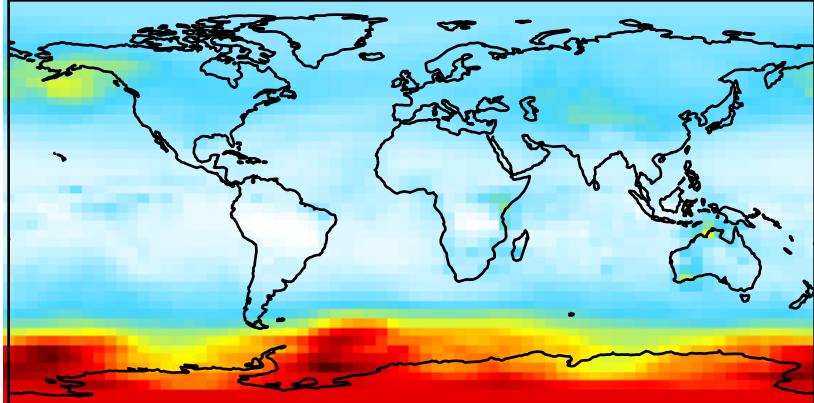


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

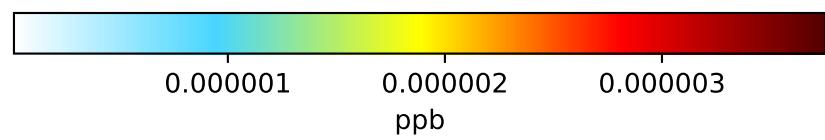
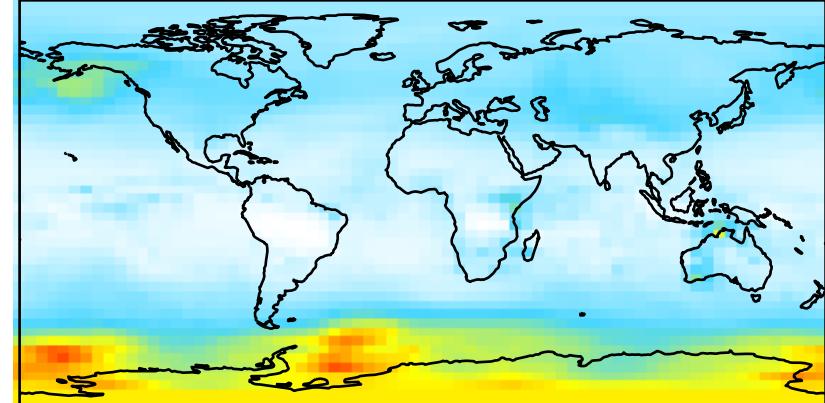


SpeciesConc_ISALC

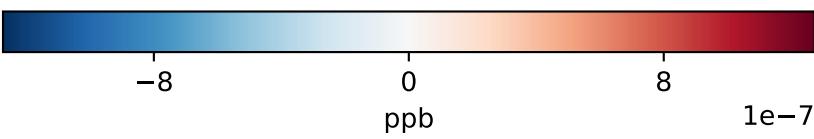
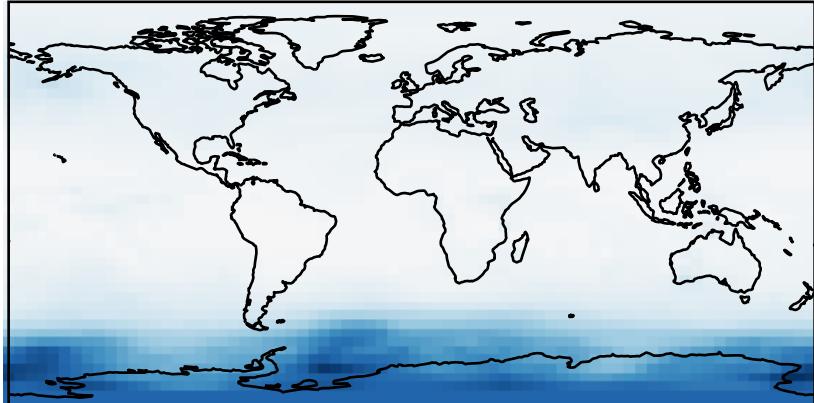
GC_12.4.0 (Ref)
4x5



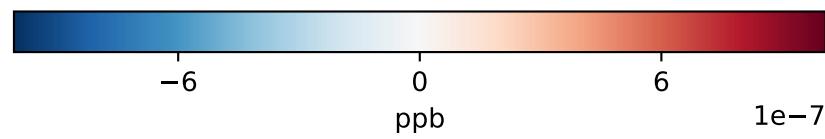
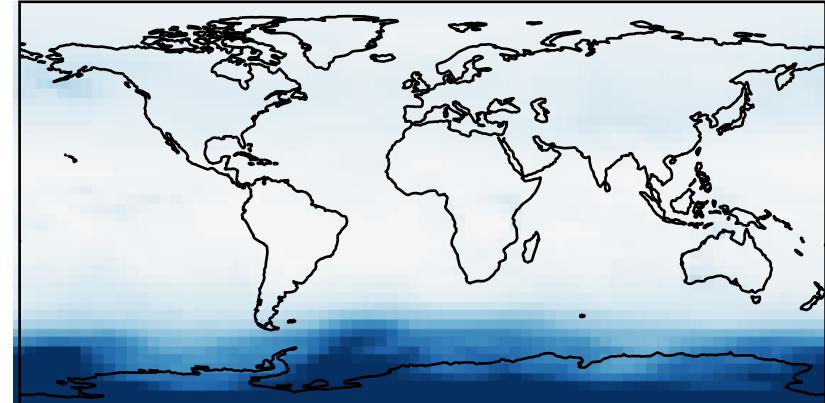
GC_12.6.0 (Dev)
4x5



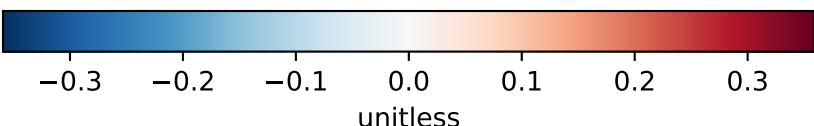
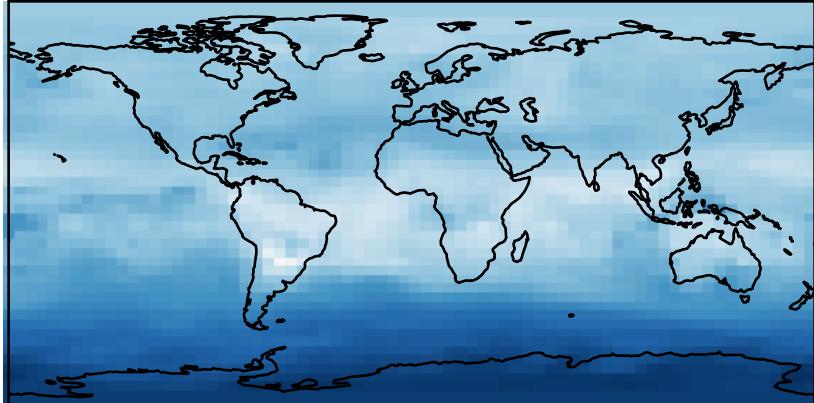
Difference
Dev - Ref, Dynamic Range



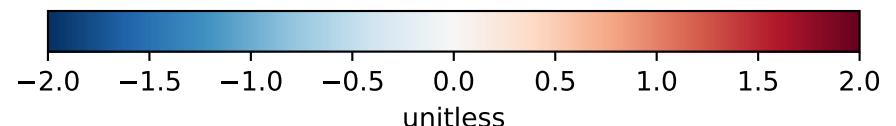
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

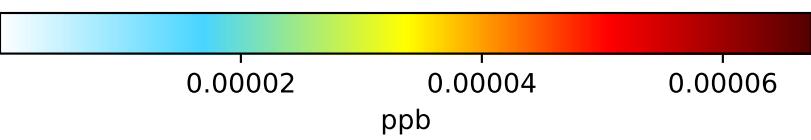
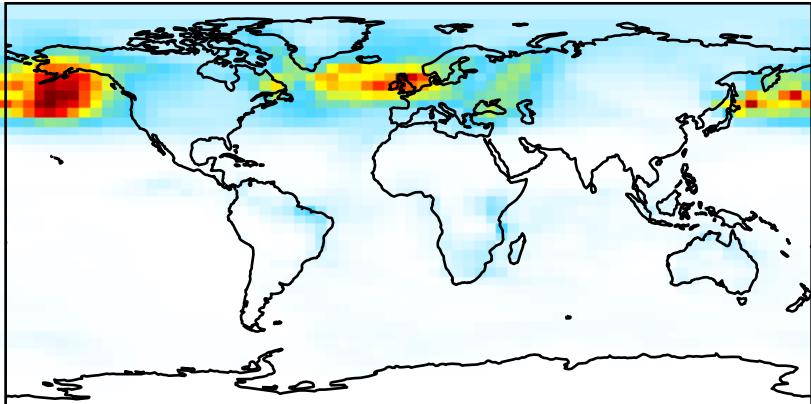


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

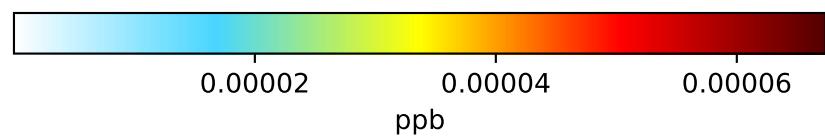
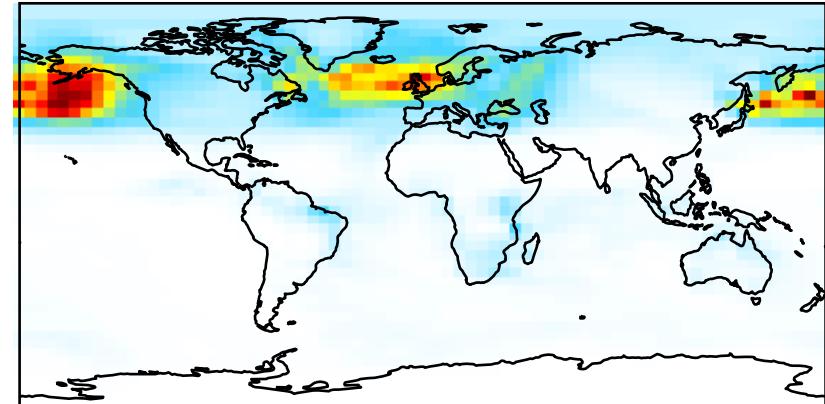


SpeciesConc_NITs

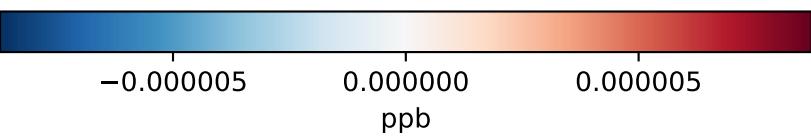
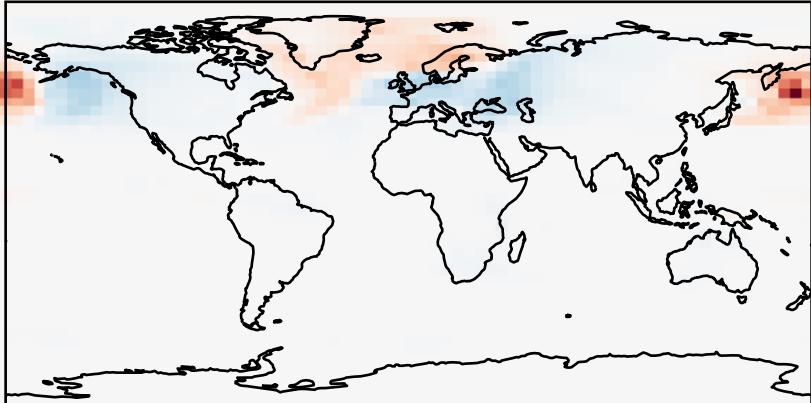
GC_12.4.0 (Ref)
4x5



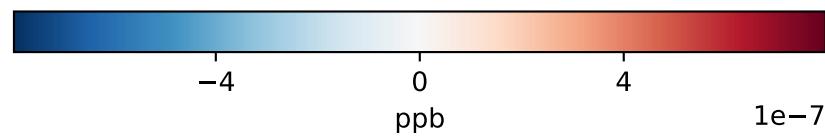
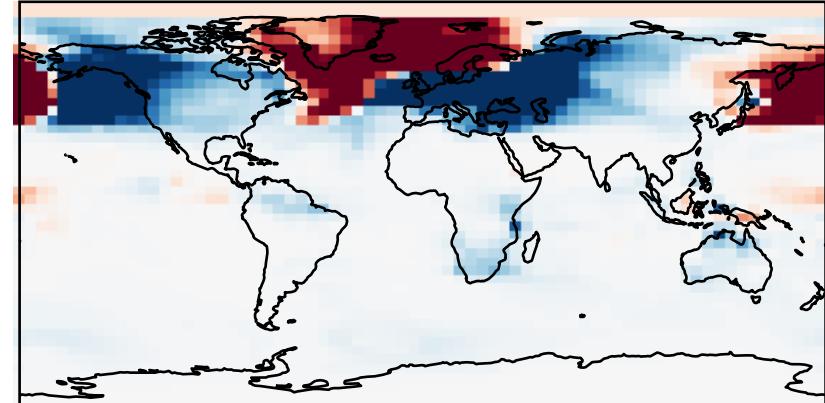
GC_12.6.0 (Dev)
4x5



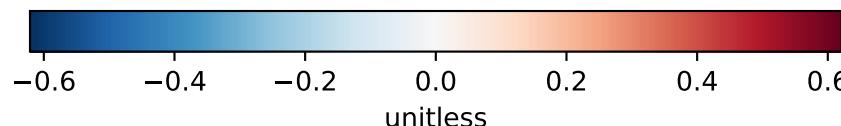
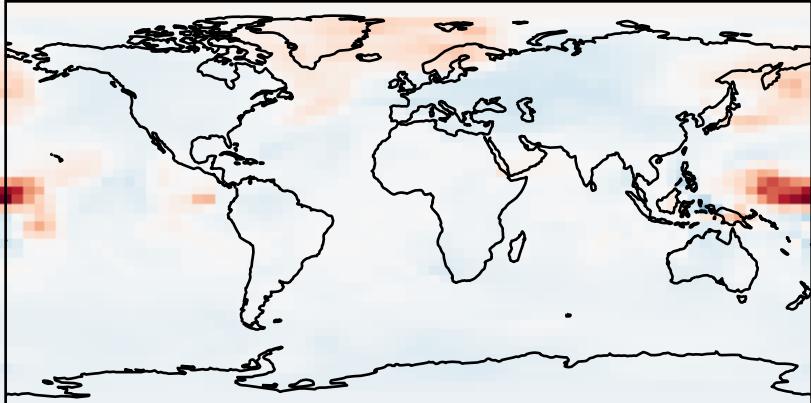
Difference
Dev - Ref, Dynamic Range



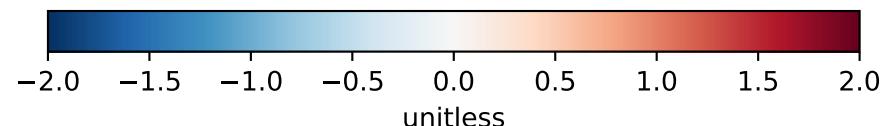
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

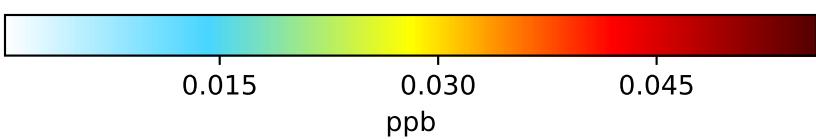
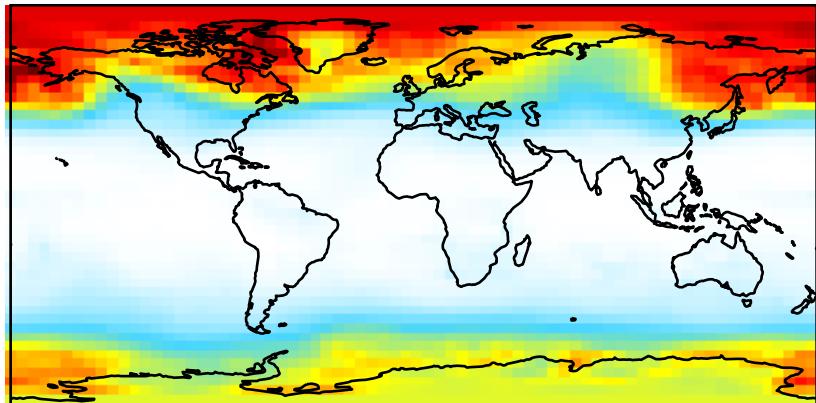


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

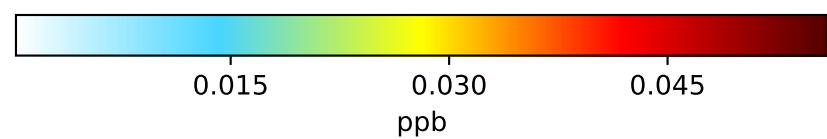
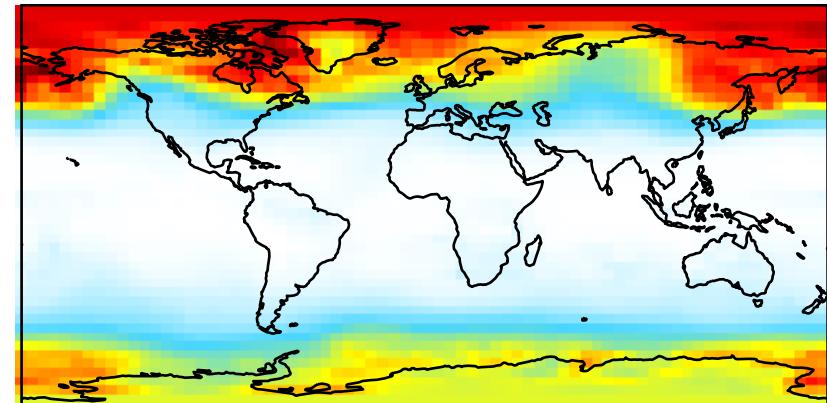


SpeciesConc_SALA

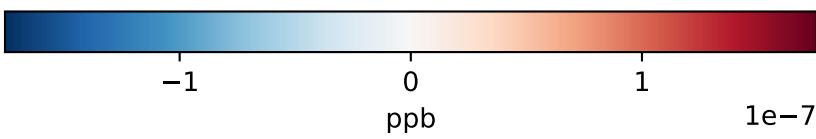
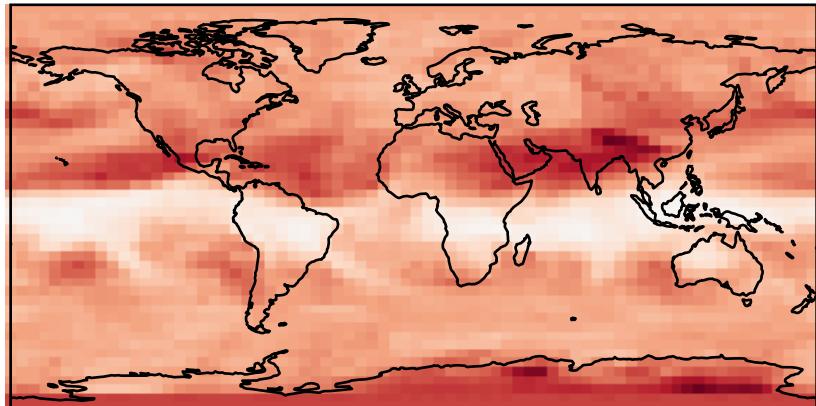
GC_12.4.0 (Ref)
4x5



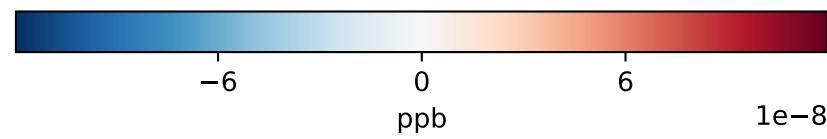
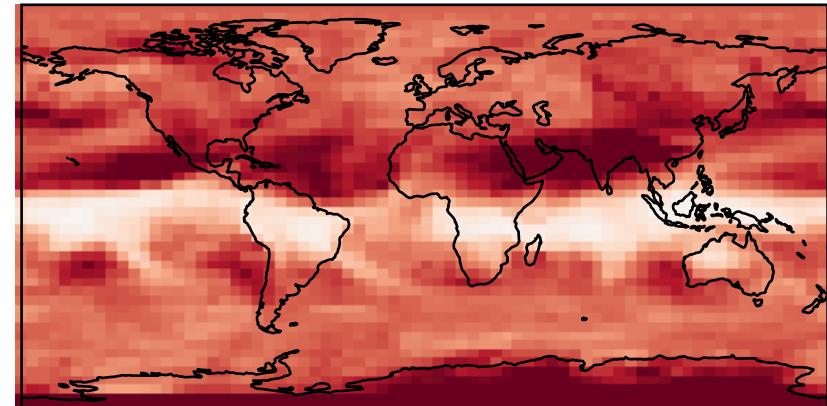
GC_12.6.0 (Dev)
4x5



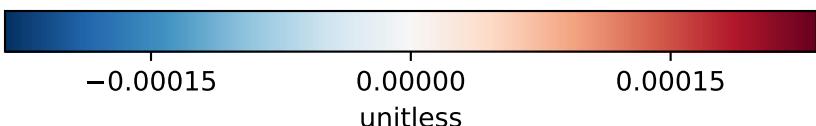
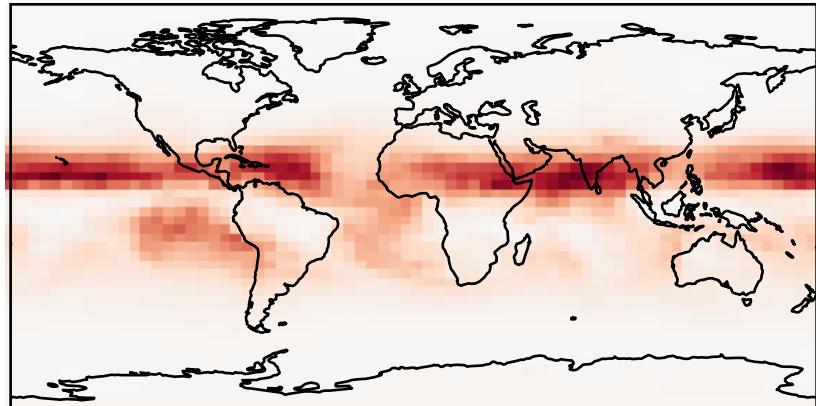
Difference
Dev - Ref, Dynamic Range



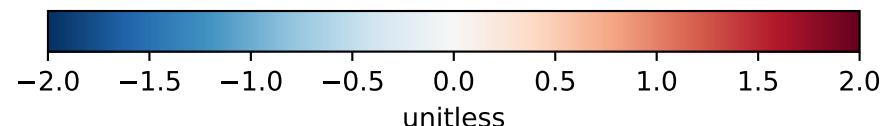
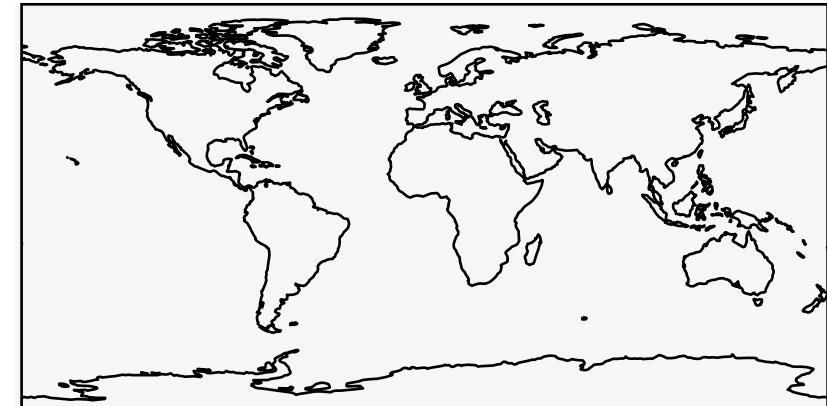
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

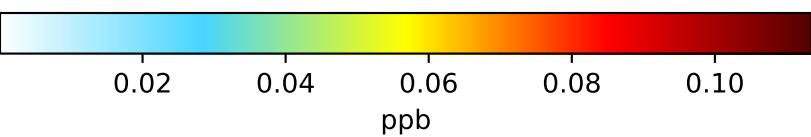
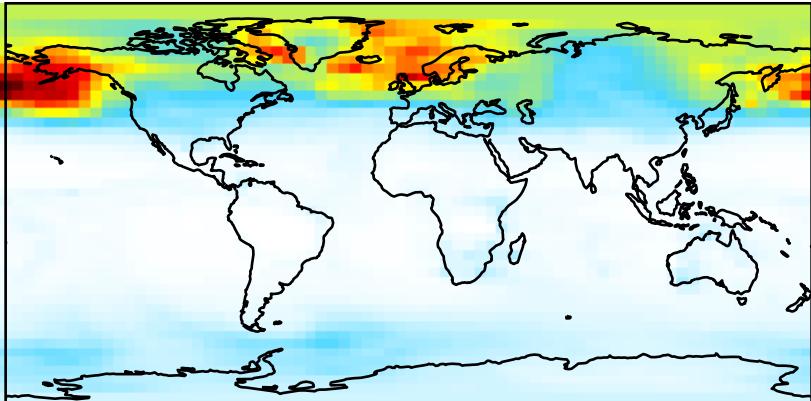


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

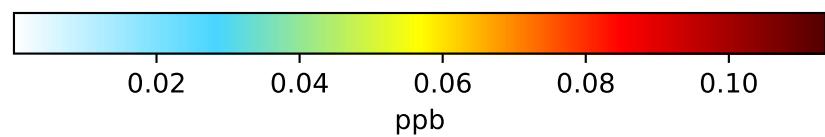
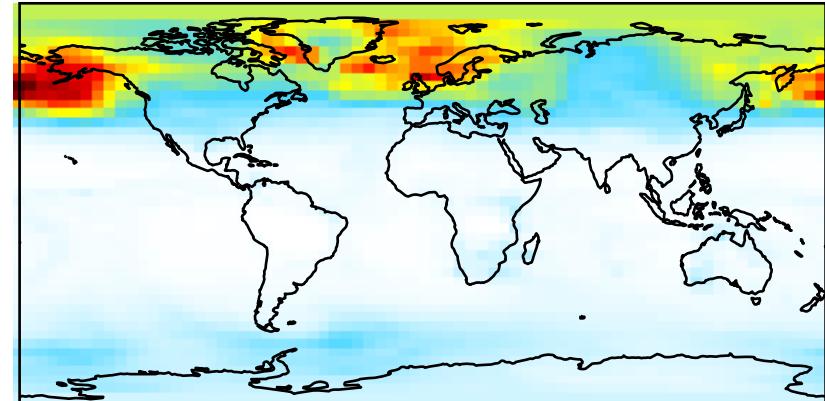


SpeciesConc_SALC

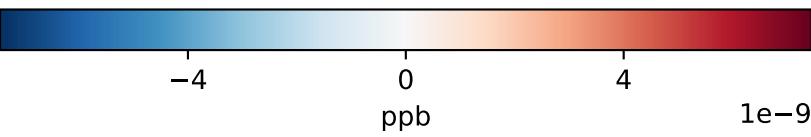
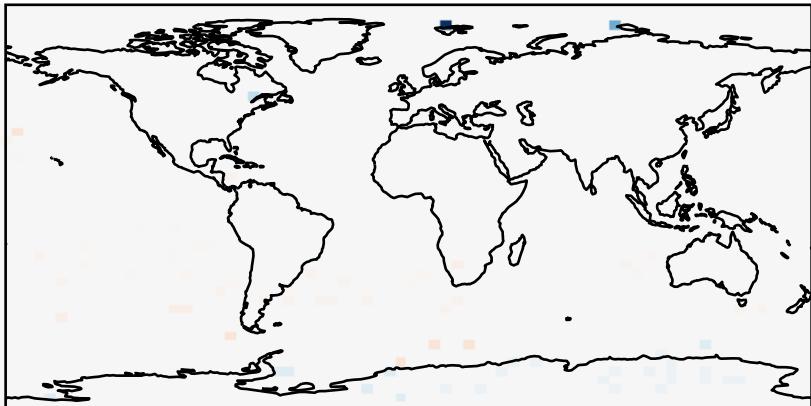
GC_12.4.0 (Ref)
4x5



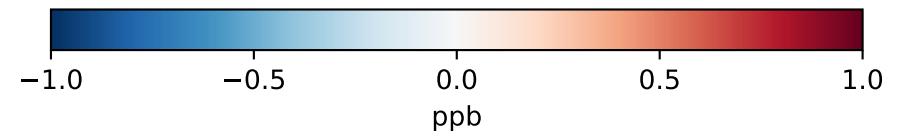
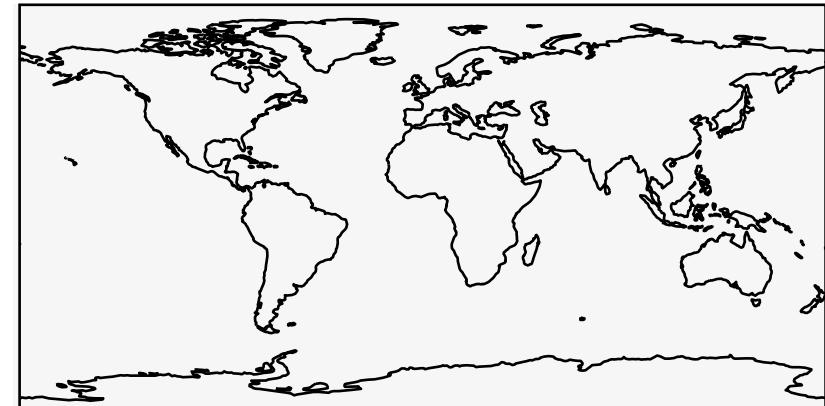
GC_12.6.0 (Dev)
4x5



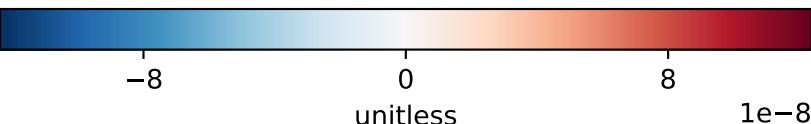
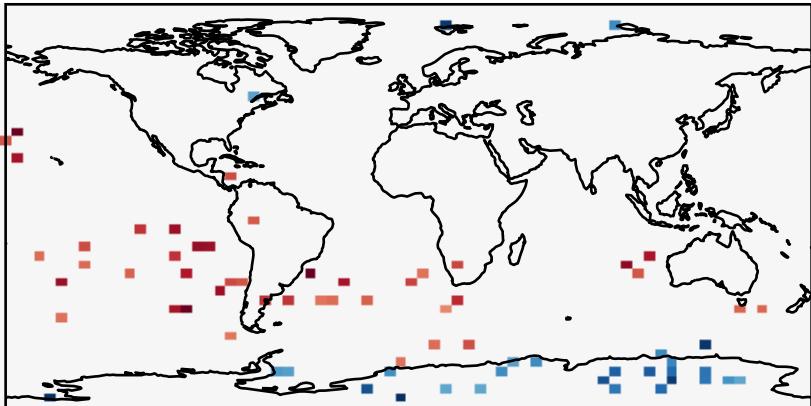
Difference
Dev - Ref, Dynamic Range



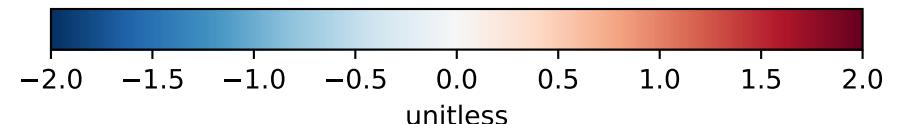
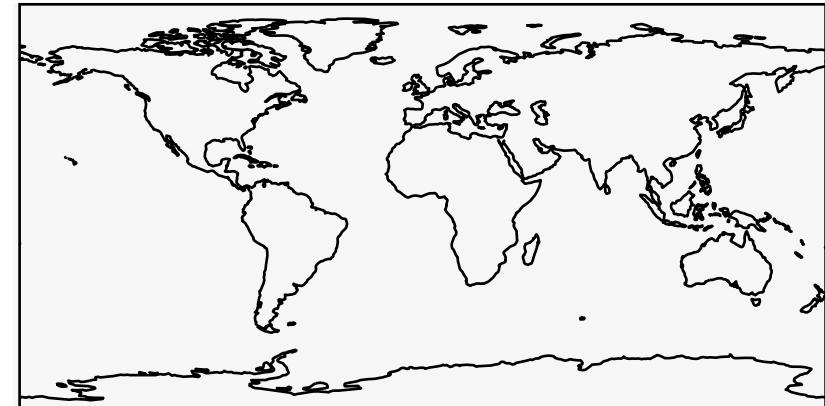
Difference
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range

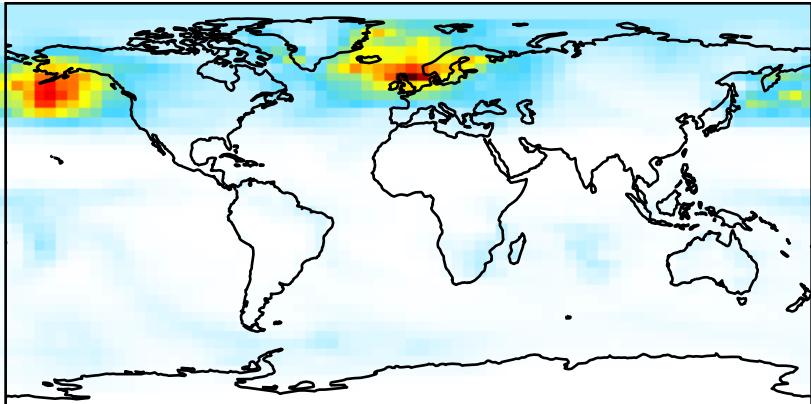


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

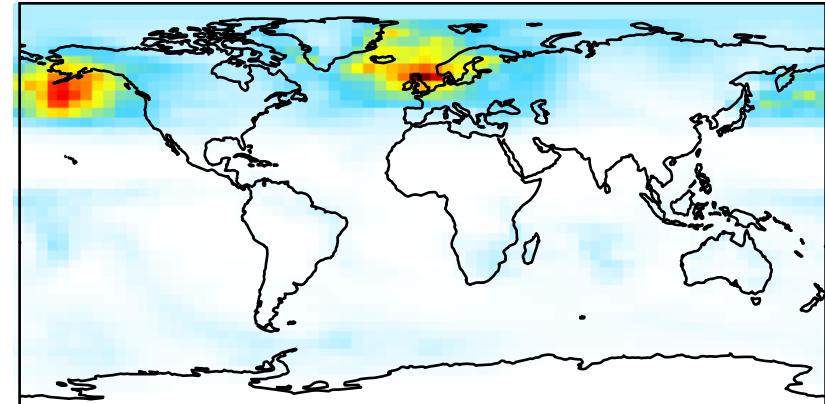


SpeciesConc_SO4s

GC_12.4.0 (Ref)
4x5



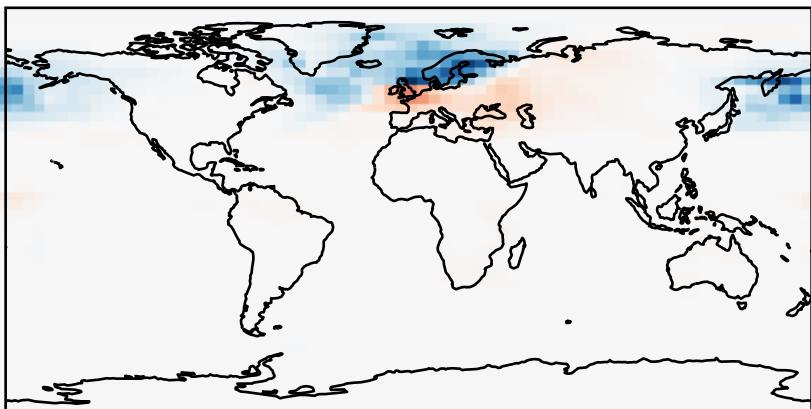
GC_12.6.0 (Dev)
4x5



0.000025 0.000050 0.000075
ppb

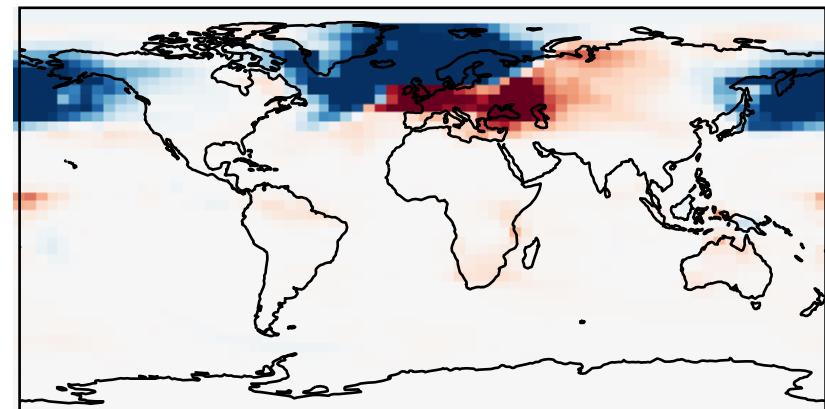
0.000025 0.000050 0.000075
ppb

Difference
Dev - Ref, Dynamic Range



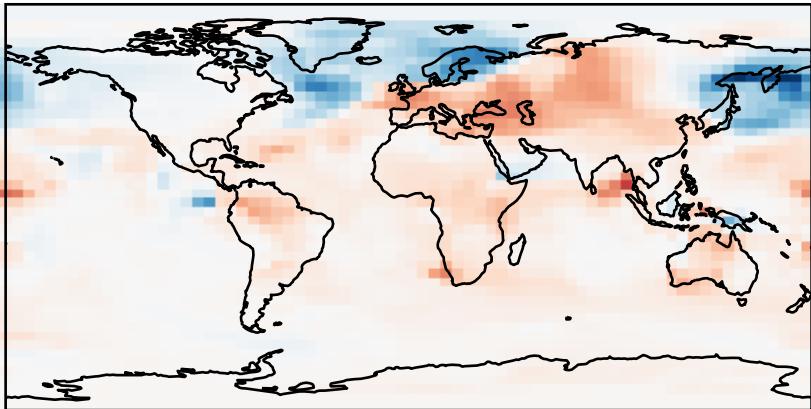
-0.000003 0.000000 0.000003
ppb

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



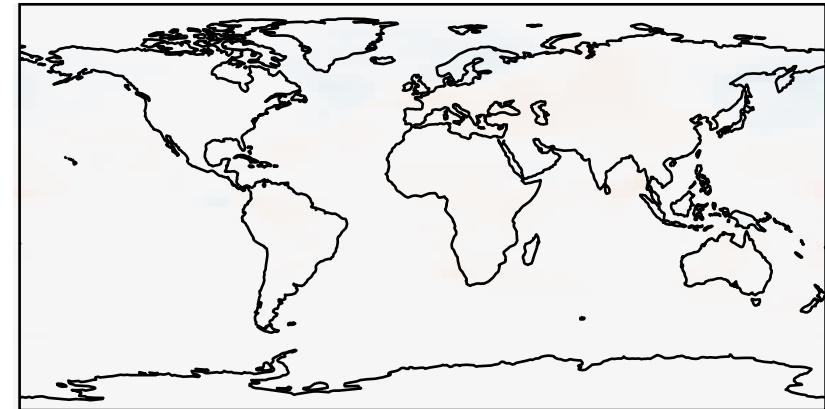
-6 0 6 1e-7
ppb

Fractional Difference
(Dev-Ref)/Ref, Dynamic Range



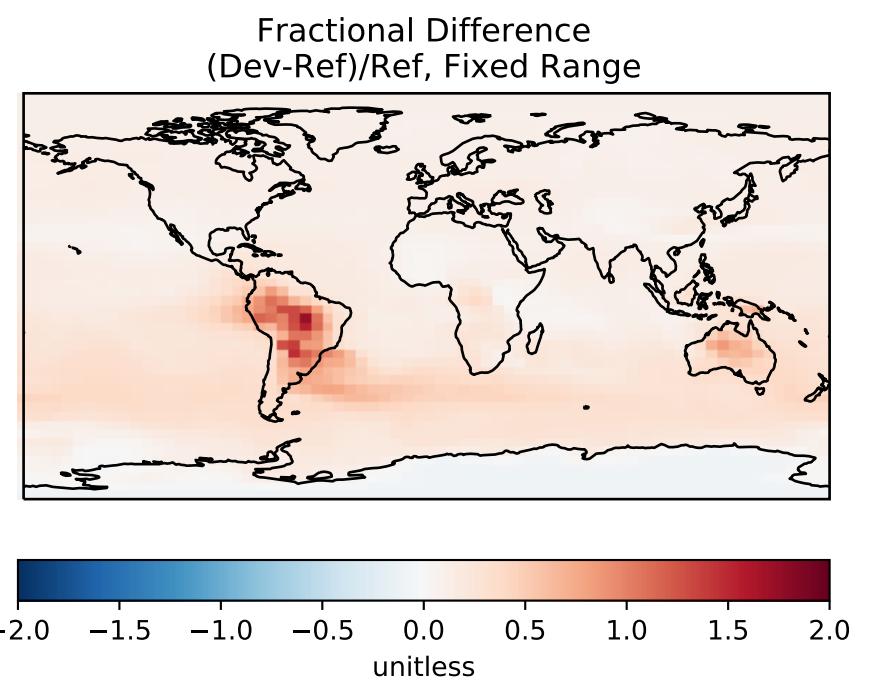
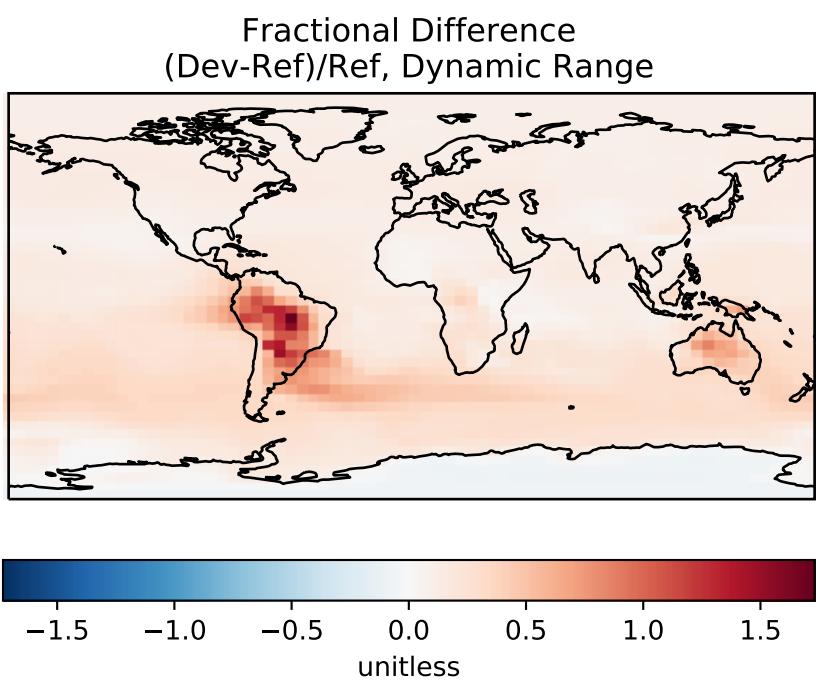
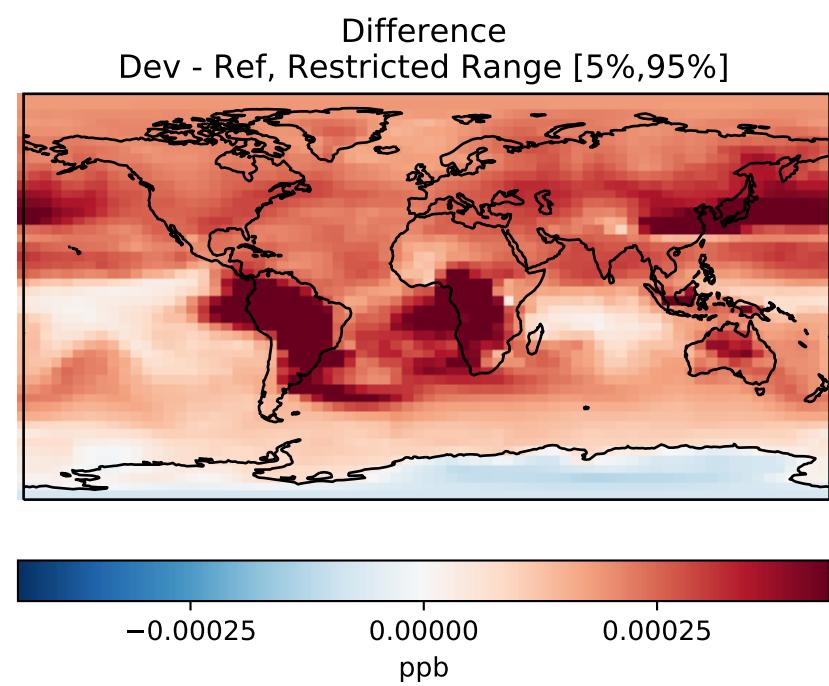
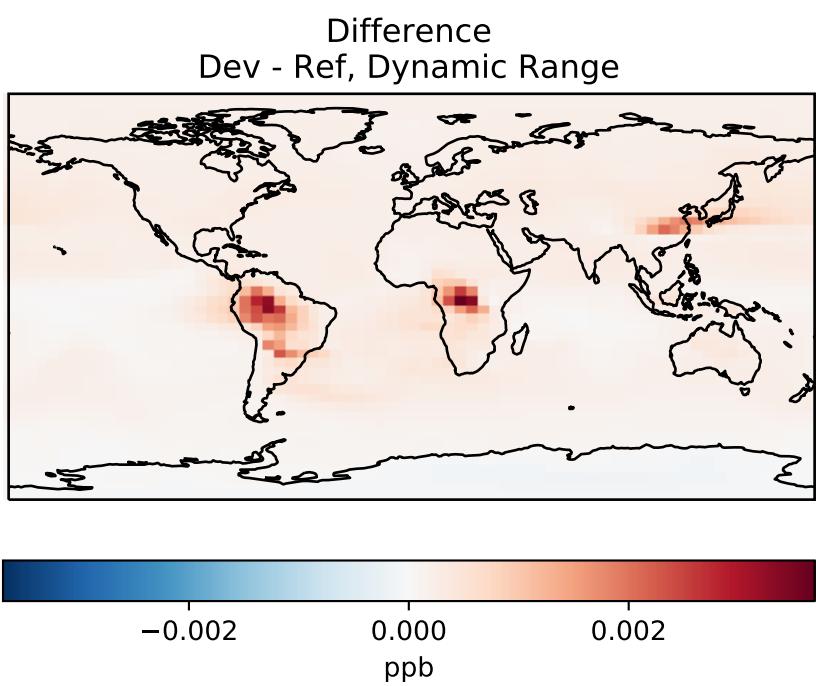
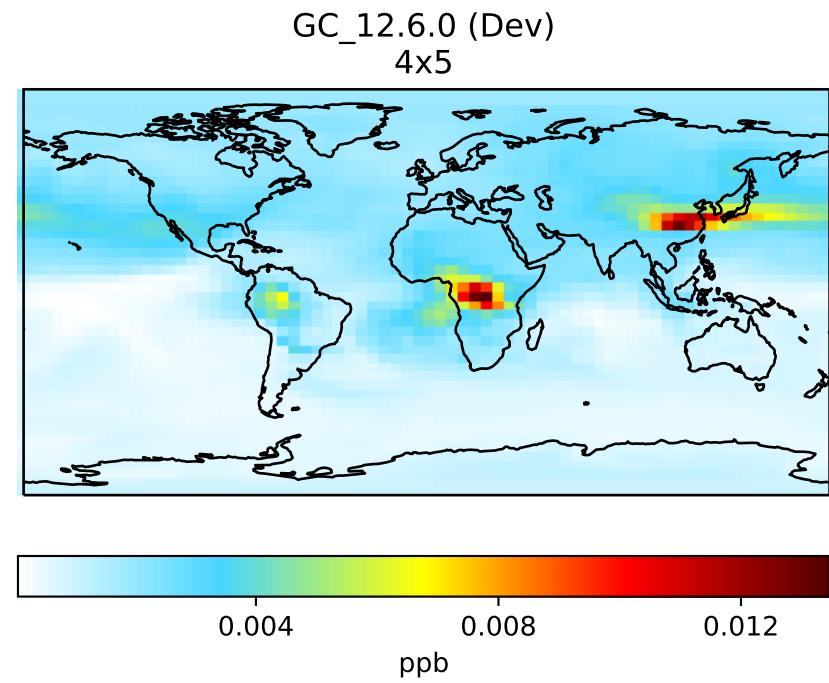
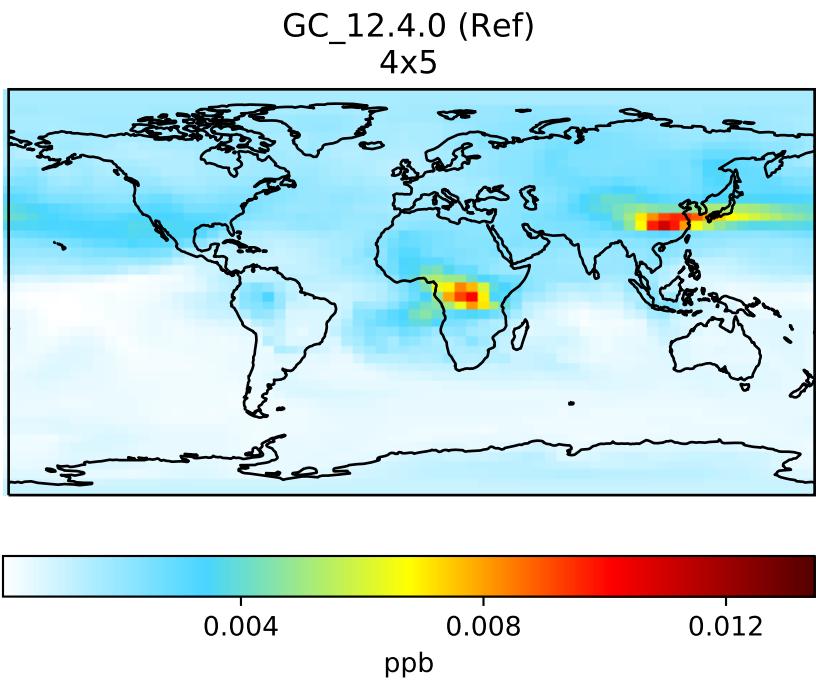
-0.15 -0.10 -0.05 0.00 0.05 0.10 0.15
unitless

Fractional Difference
(Dev-Ref)/Ref, Fixed Range



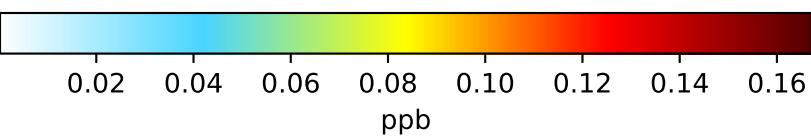
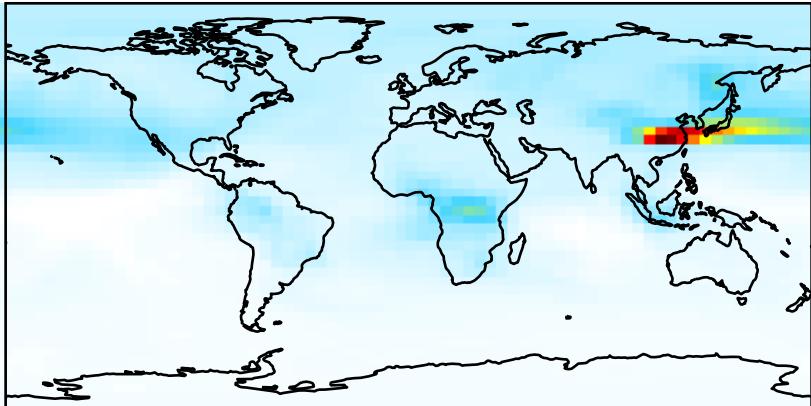
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

SpeciesConc_Complex_SOA

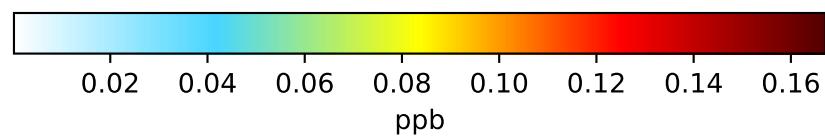
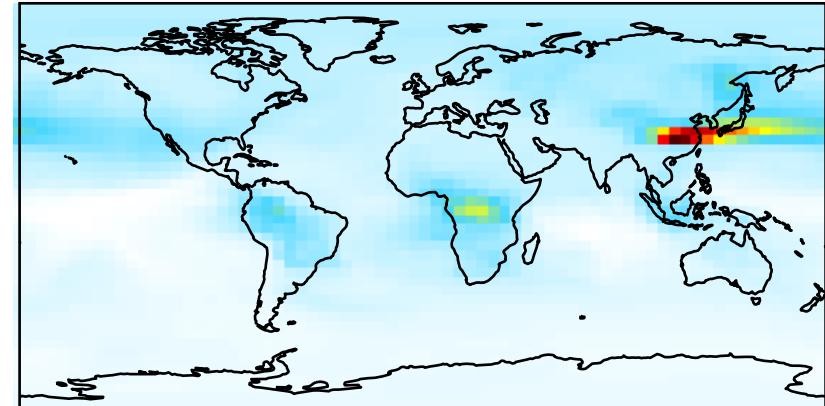


SpeciesConc_Simple_SOA

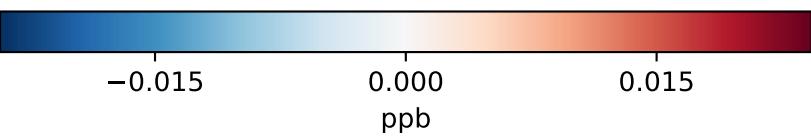
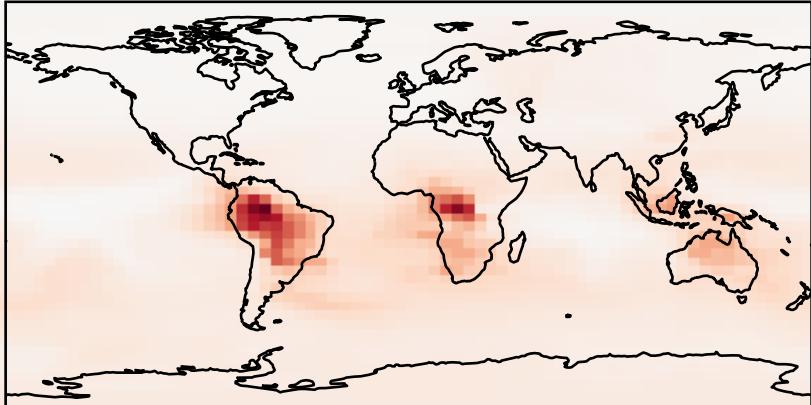
GC_12.4.0 (Ref)
4x5



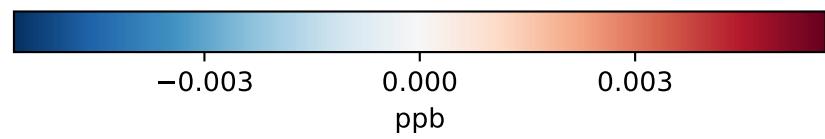
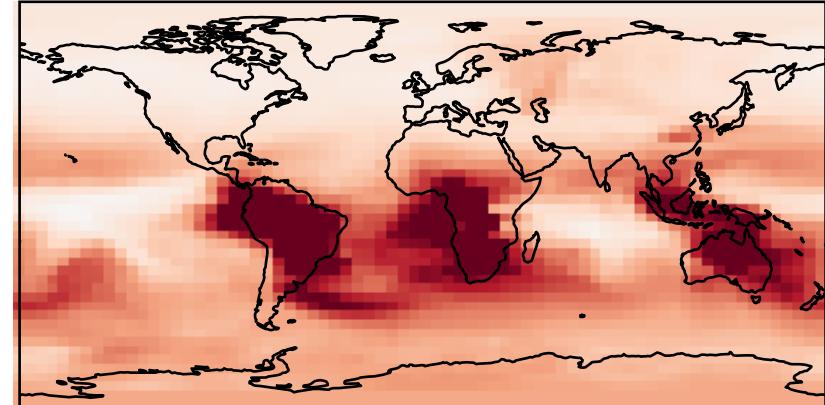
GC_12.6.0 (Dev)
4x5



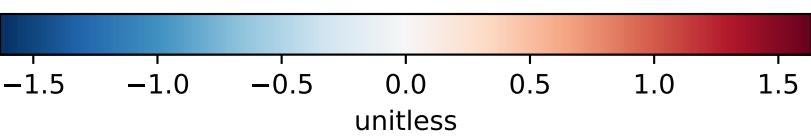
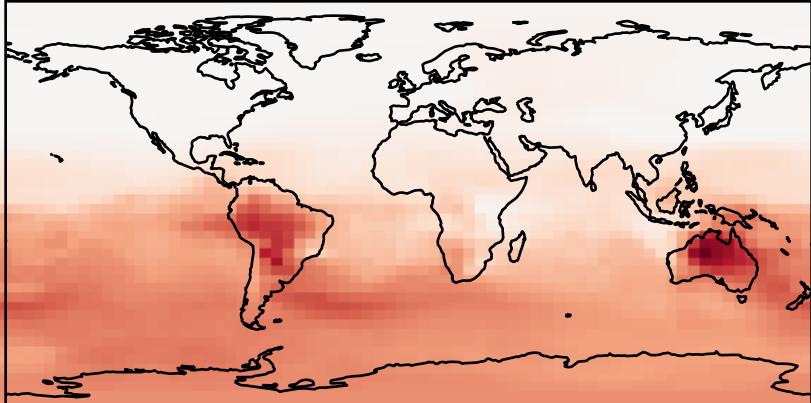
Difference
Dev - Ref, Dynamic Range



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



Fractional Difference
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference
(Dev-Ref)/Ref, Fixed Range

