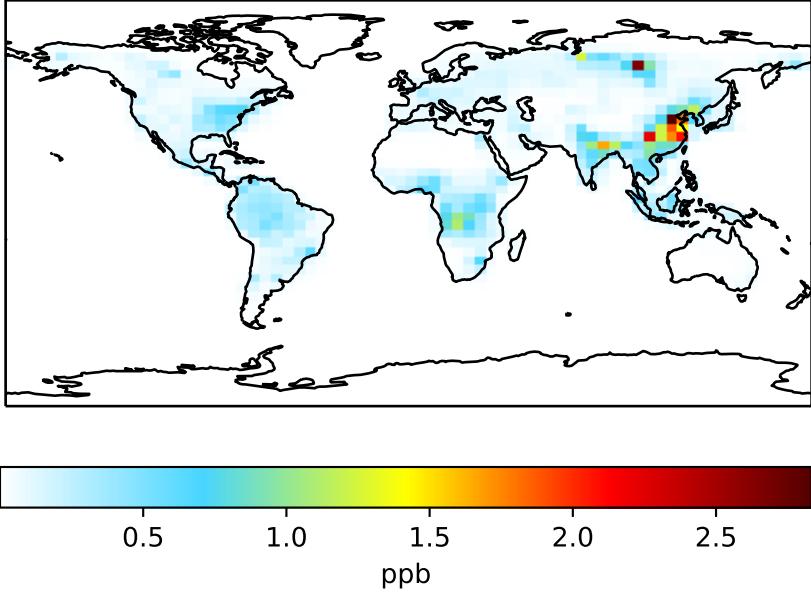
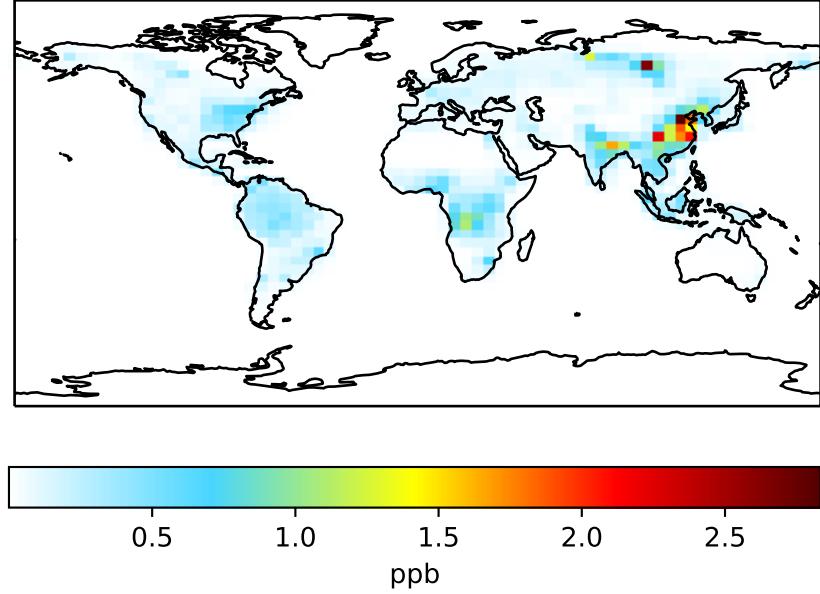


SpeciesConc_SOAP

GC_12.7.0-rc.1 (Ref)
4x5



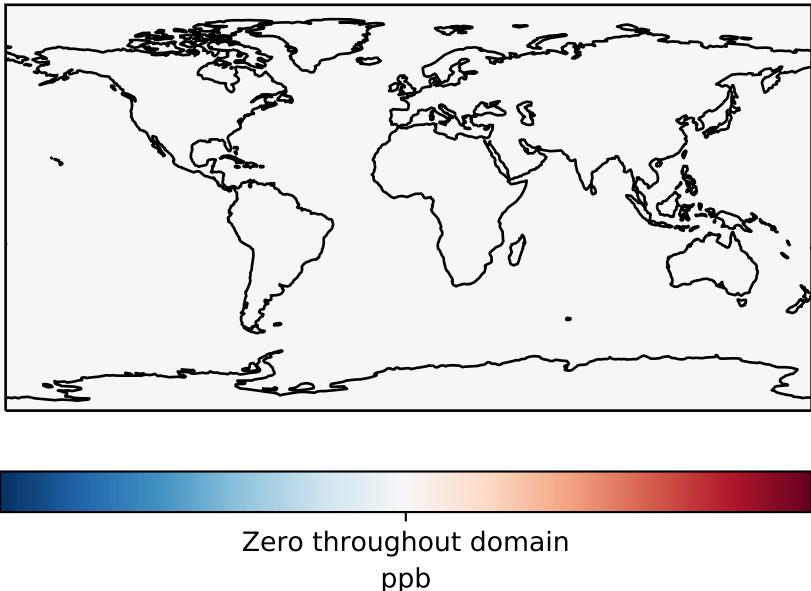
GC_12.7.0-rc.2 (Dev)
4x5



0.5 1.0 1.5 2.0 2.5
ppb

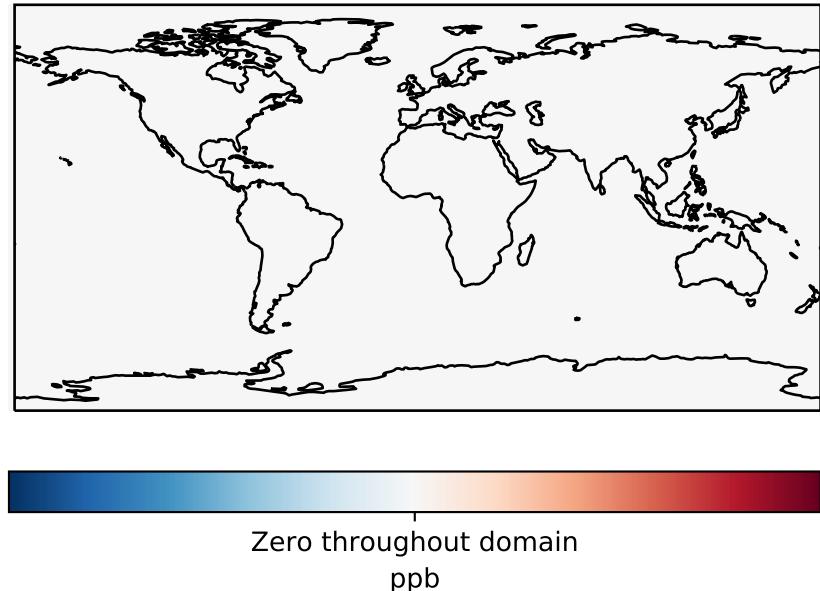
0.5 1.0 1.5 2.0 2.5
ppb

Difference
Dev - Ref, Dynamic Range



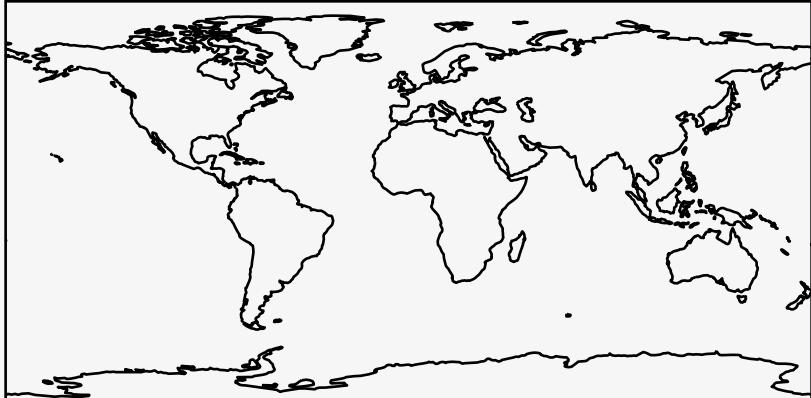
Zero throughout domain
ppb

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



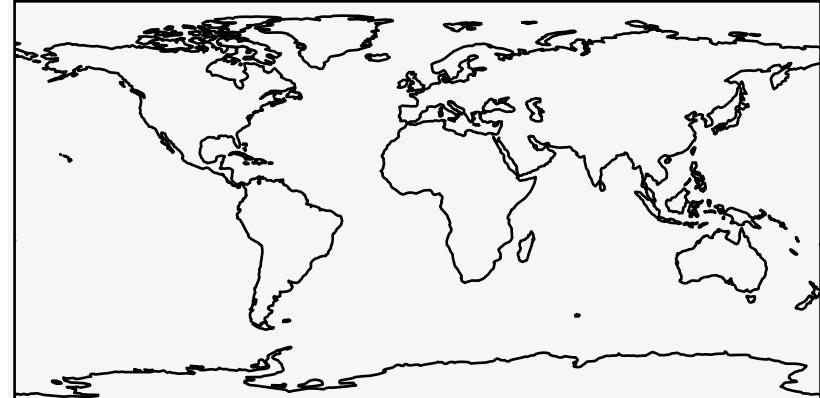
Zero throughout domain
ppb

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



Zero throughout domain
unitless

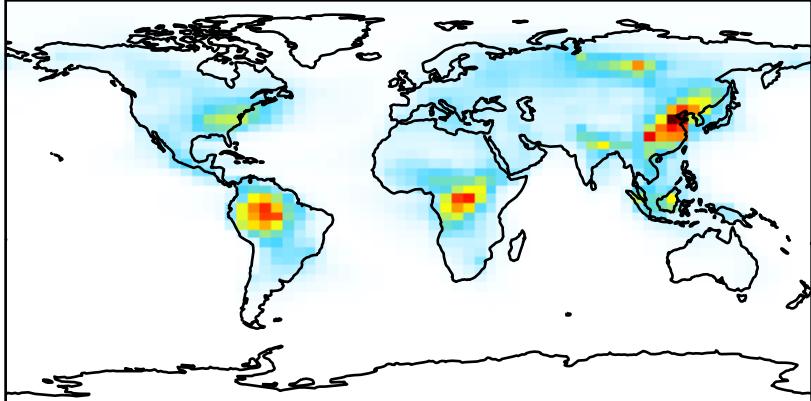
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



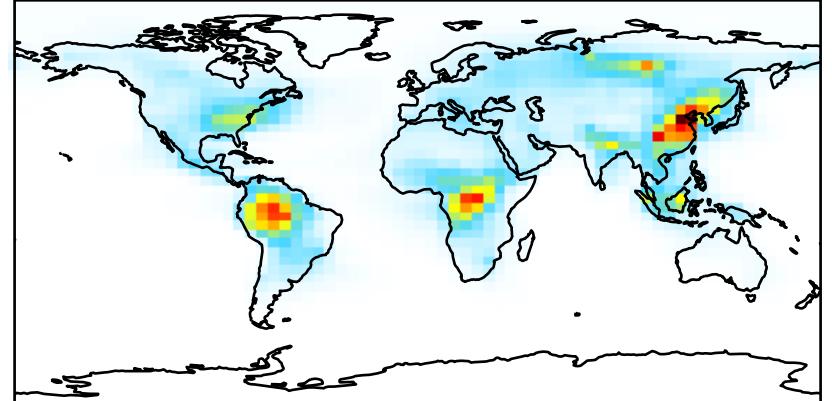
Zero throughout domain
unitless

SpeciesConc_SOAS

GC_12.7.0-rc.1 (Ref)
4x5



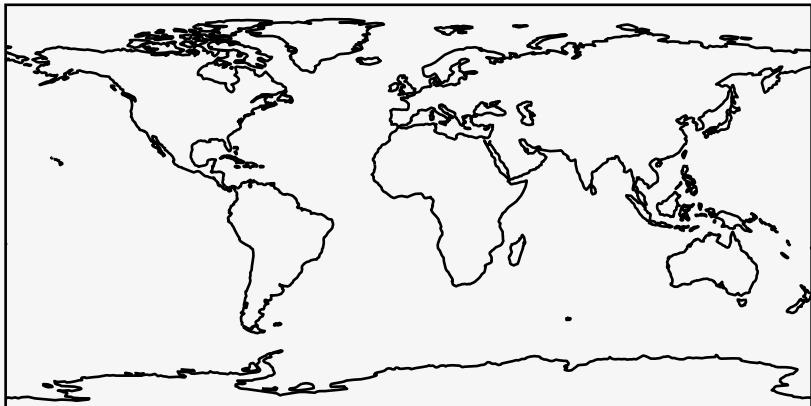
GC_12.7.0-rc.2 (Dev)
4x5



0.5 1.0 1.5 2.0 2.5
ppb

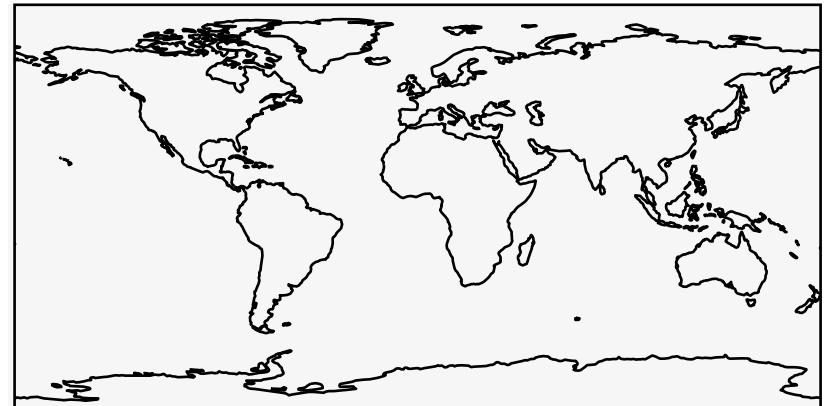
0.5 1.0 1.5 2.0 2.5
ppb

Difference
Dev - Ref, Dynamic Range



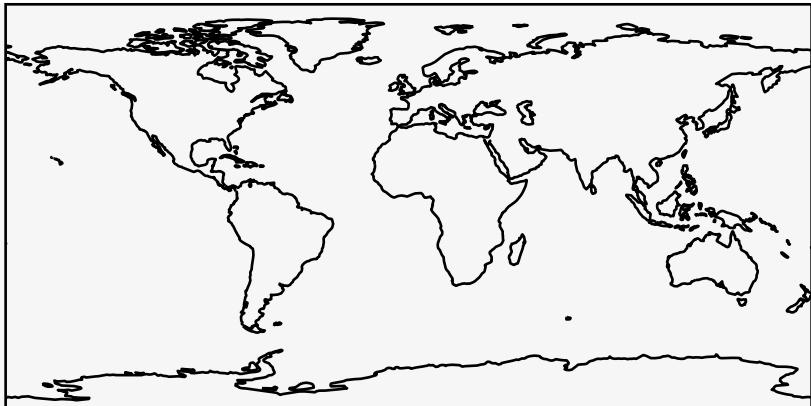
Zero throughout domain
ppb

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



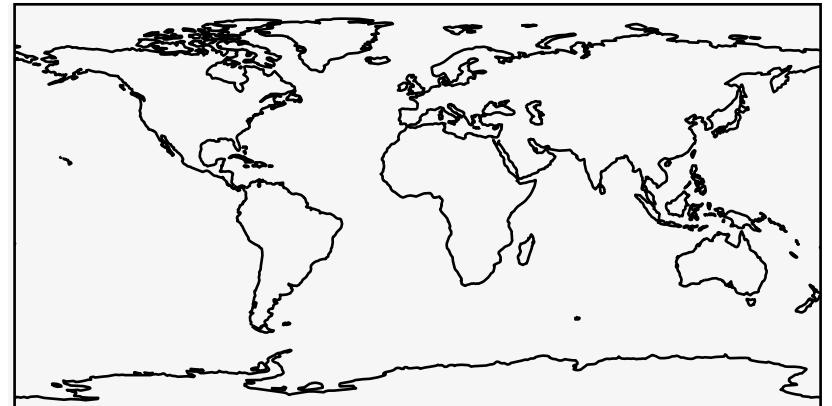
Zero throughout domain
ppb

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



Zero throughout domain
unitless

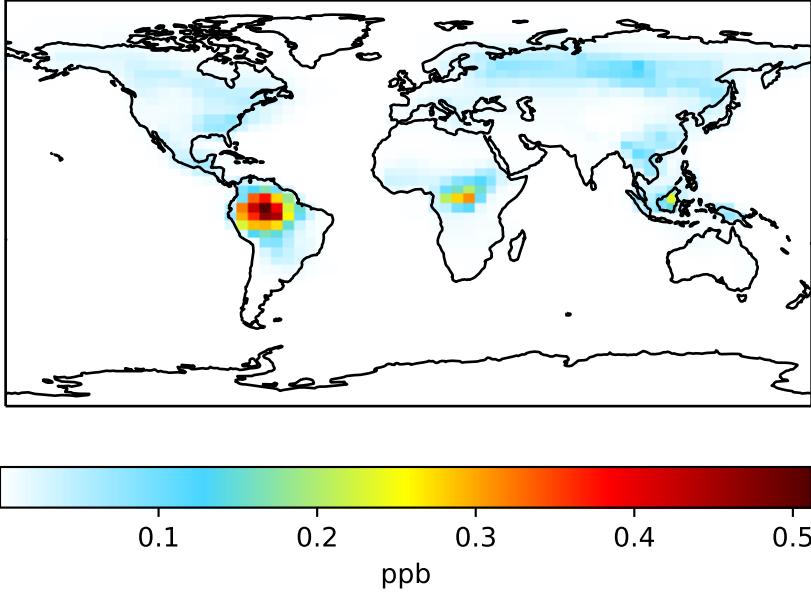
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



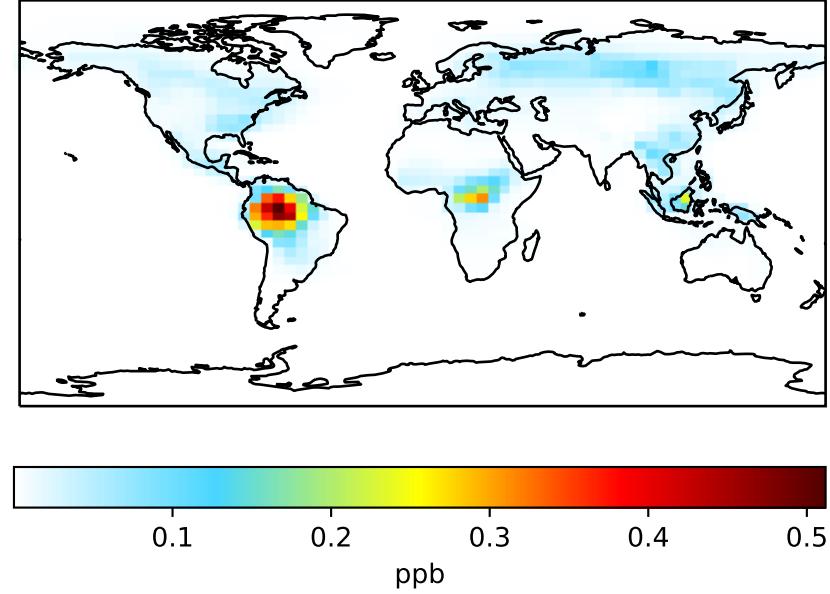
Zero throughout domain
unitless

SpeciesConc_TSOA0

GC_12.7.0-rc.1 (Ref)
4x5



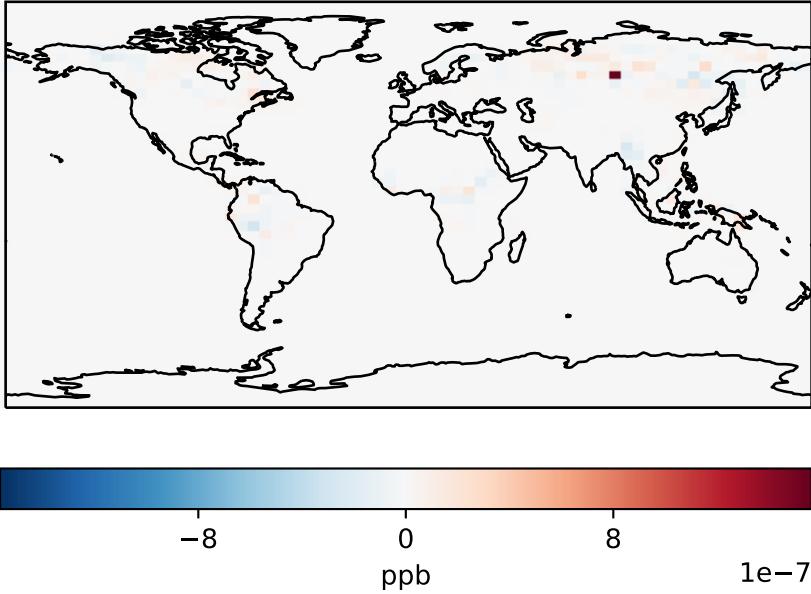
GC_12.7.0-rc.2 (Dev)
4x5



0.1 0.2 0.3 0.4 0.5
ppb

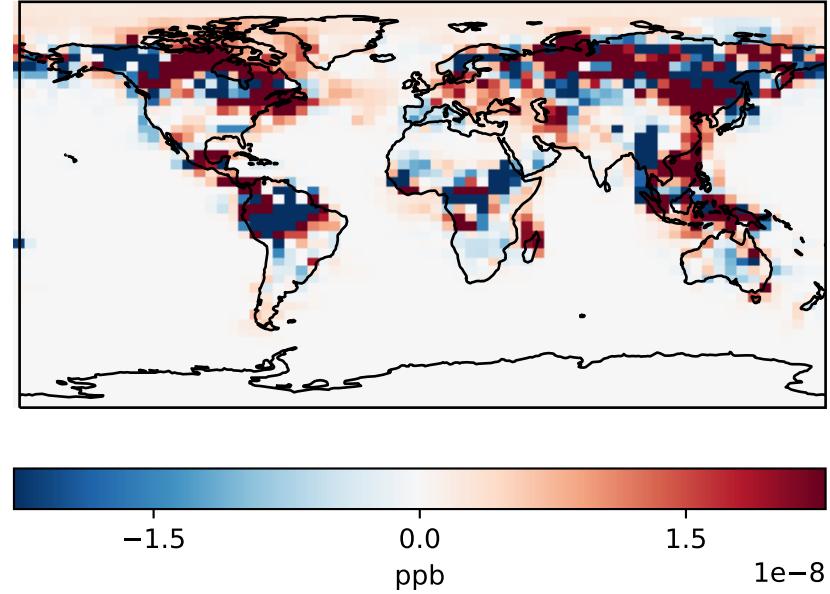
0.1 0.2 0.3 0.4 0.5
ppb

Difference
Dev - Ref, Dynamic Range



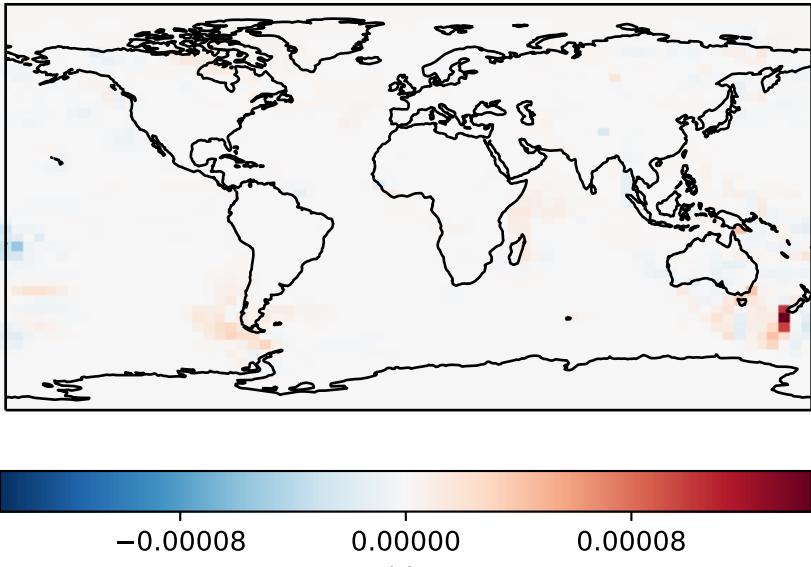
-8 0 8 1e-7
ppb

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



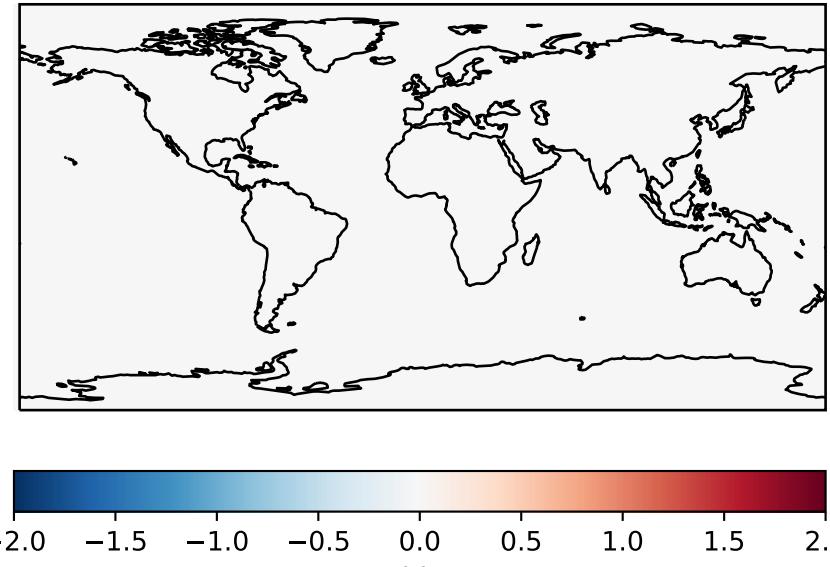
-1.5 0.0 1.5 1e-8
ppb

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



-0.00008 0.00000 0.00008
unitless

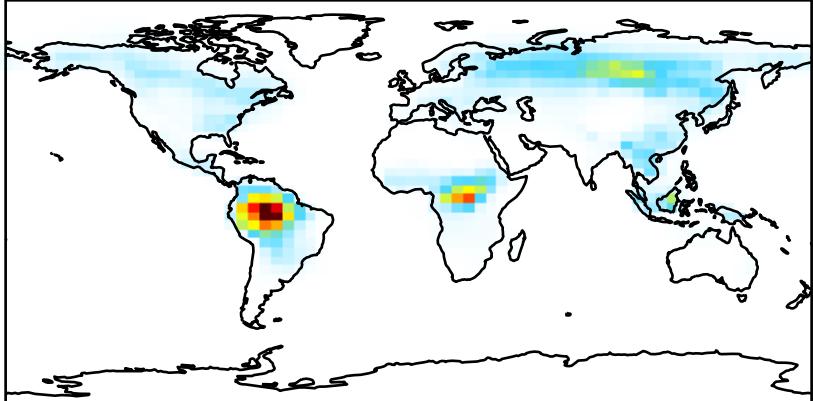
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



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

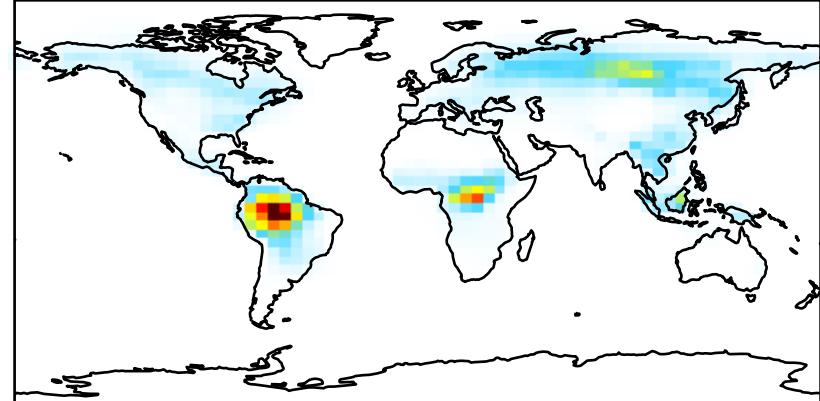
SpeciesConc_TSOA1

GC_12.7.0-rc.1 (Ref)
4x5



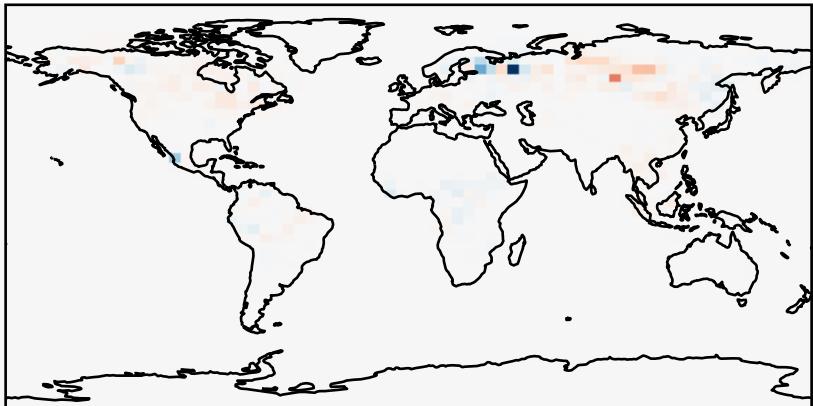
0.025 0.050 0.075 0.100 0.125 0.150 0.175 0.200
ppb

GC_12.7.0-rc.2 (Dev)
4x5



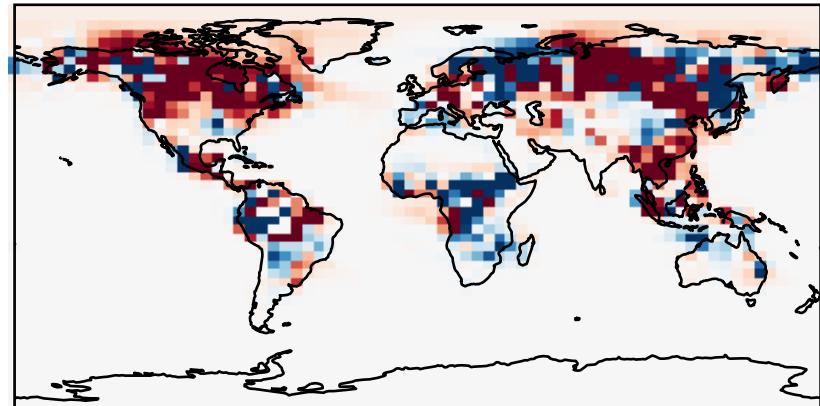
0.025 0.050 0.075 0.100 0.125 0.150 0.175 0.200
ppb

Difference
Dev - Ref, Dynamic Range



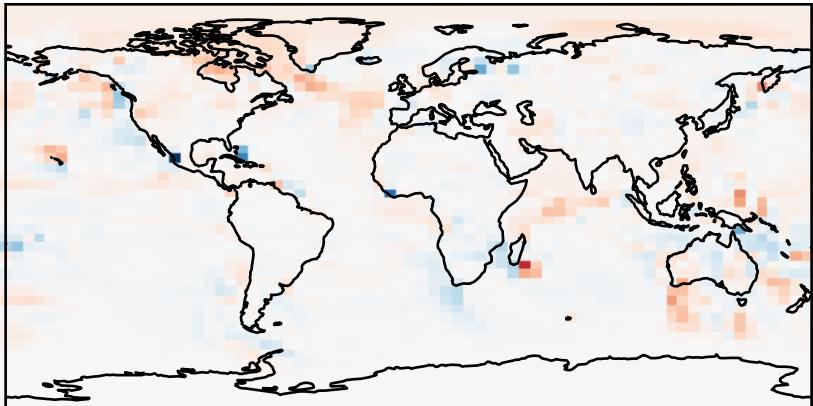
-4 0 4 1e-7
ppb

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



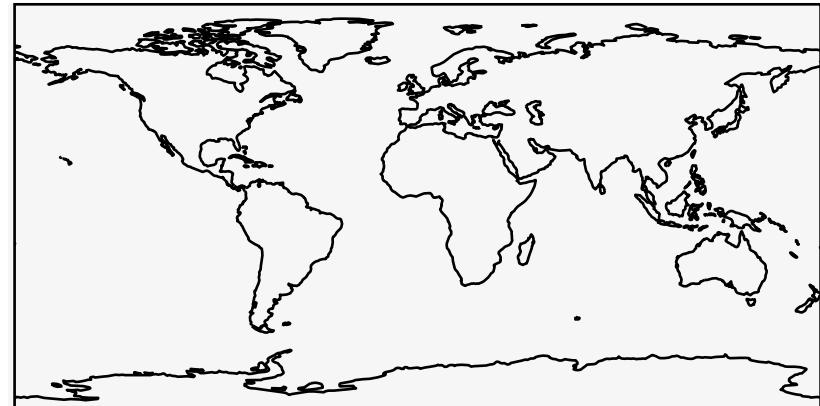
-8 0 8 1e-9
ppb

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



-0.00002 0.00000 0.00002
unitless

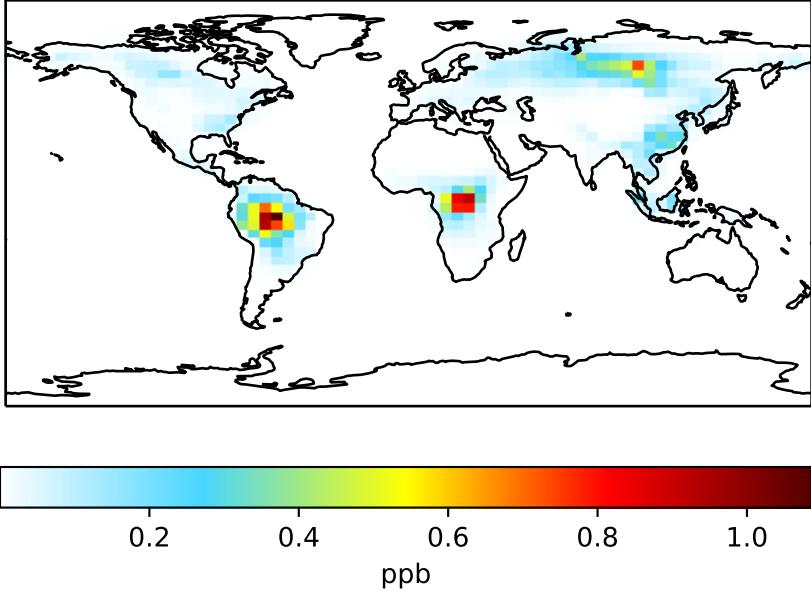
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



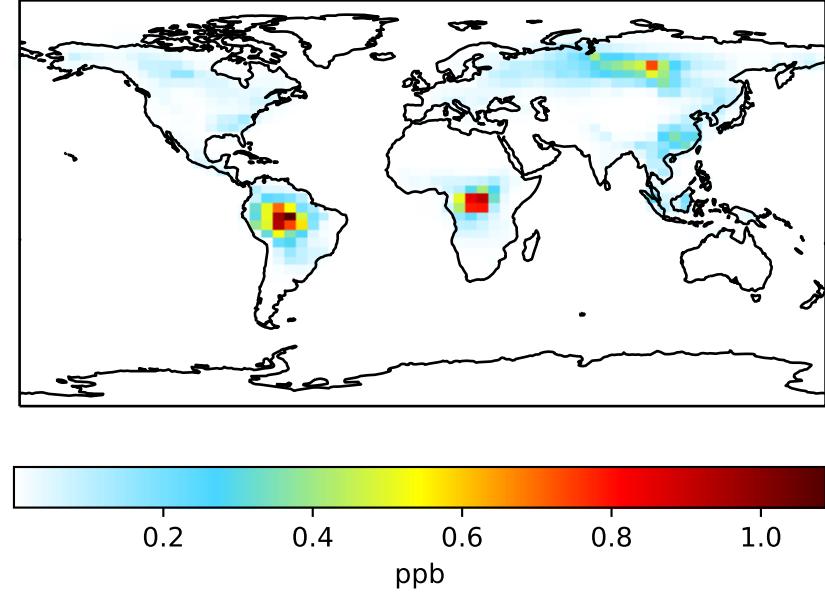
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

SpeciesConc_TSOA2

GC_12.7.0-rc.1 (Ref)
4x5



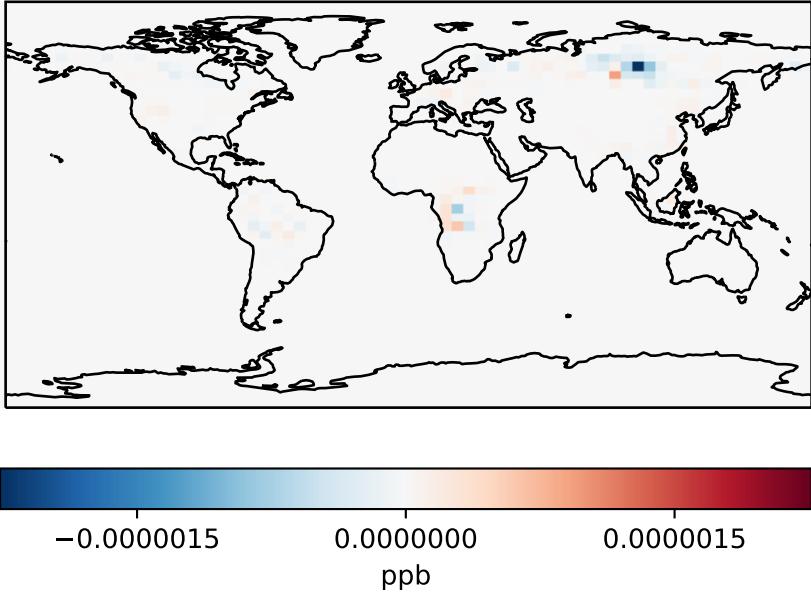
GC_12.7.0-rc.2 (Dev)
4x5



0.2 0.4 0.6 0.8 1.0
ppb

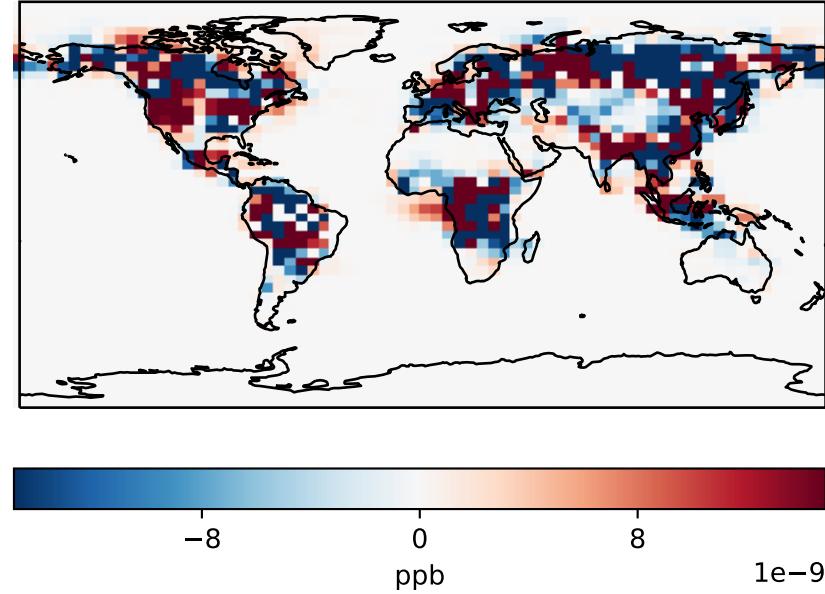
0.2 0.4 0.6 0.8 1.0
ppb

Difference
Dev - Ref, Dynamic Range



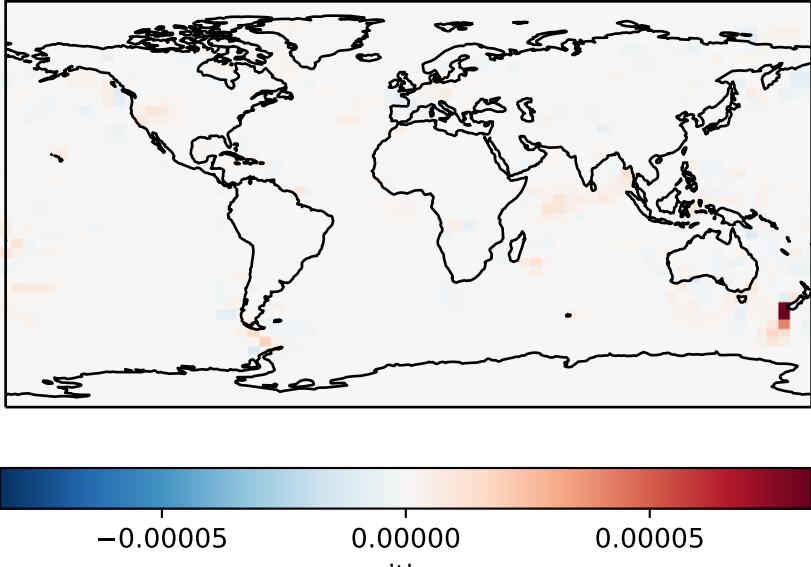
-0.0000015 0.0000000 0.0000015
ppb

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



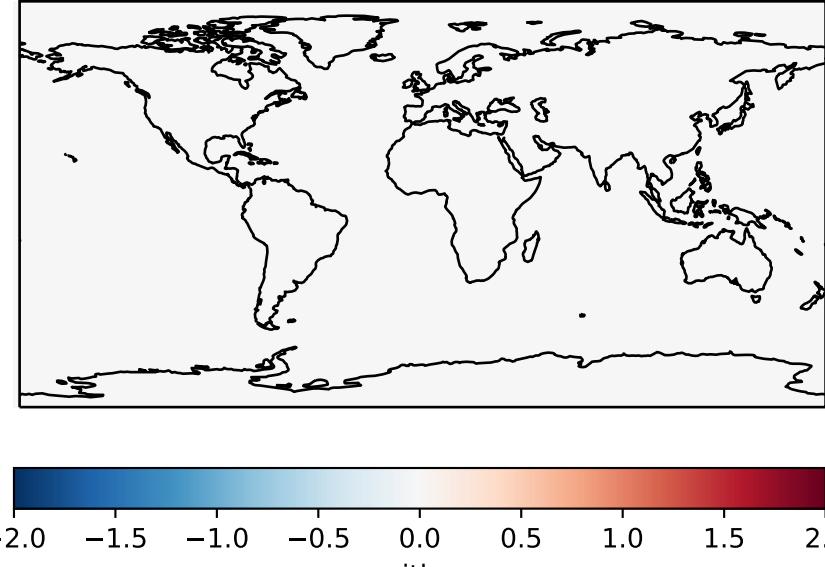
-8 0 8 1e-9
ppb

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



-0.00005 0.00000 0.00005
unitless

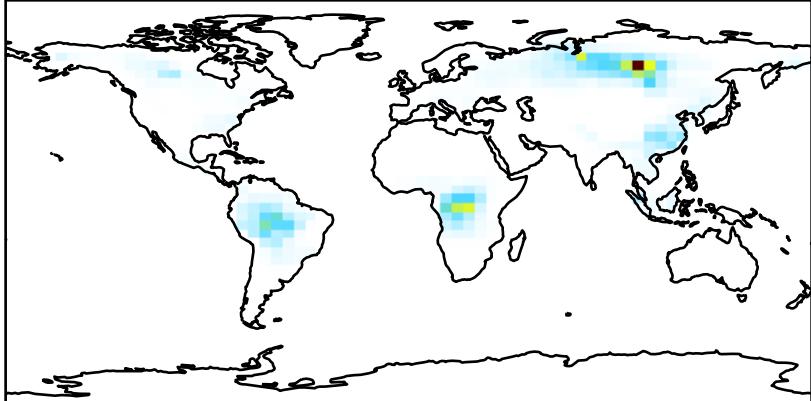
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



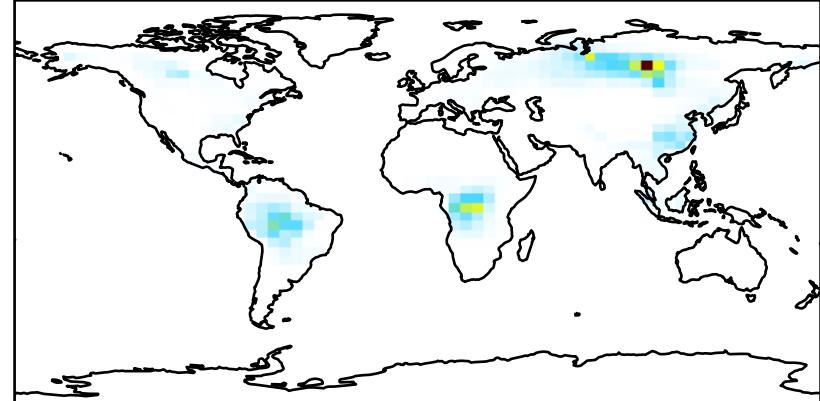
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

SpeciesConc_TSOA3

GC_12.7.0-rc.1 (Ref)
4x5



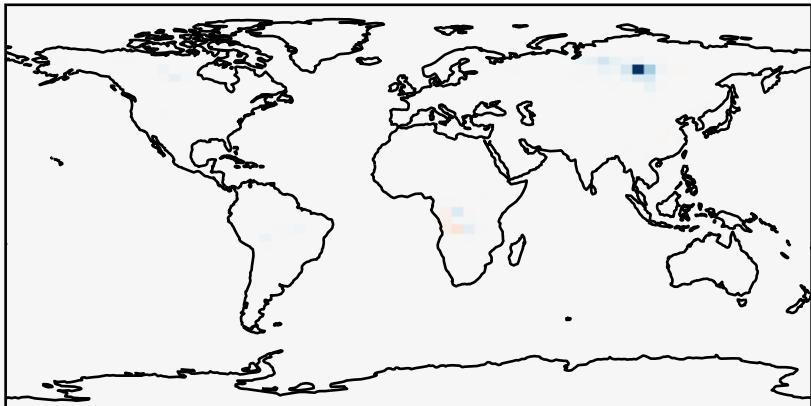
GC_12.7.0-rc.2 (Dev)
4x5



0.2 0.4 0.6 0.8 1.0 1.2
ppb

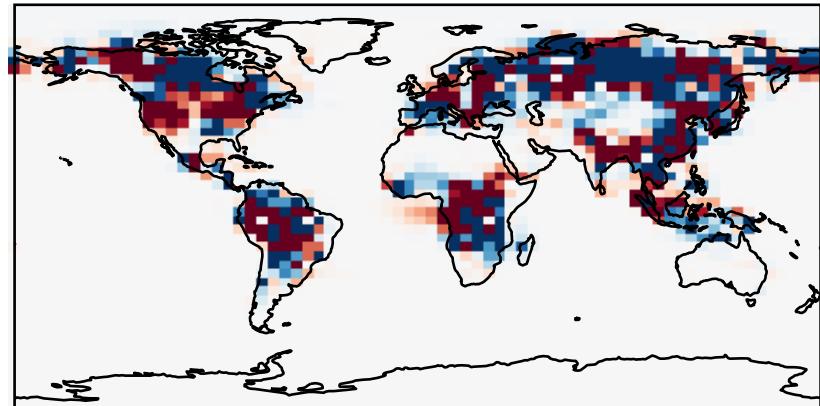
0.2 0.4 0.6 0.8 1.0 1.2
ppb

Difference
Dev - Ref, Dynamic Range



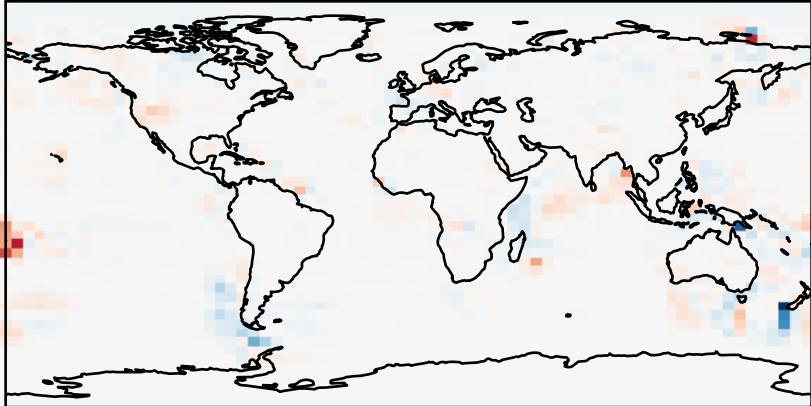
-0.000004 0.000000 0.000004
ppb

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



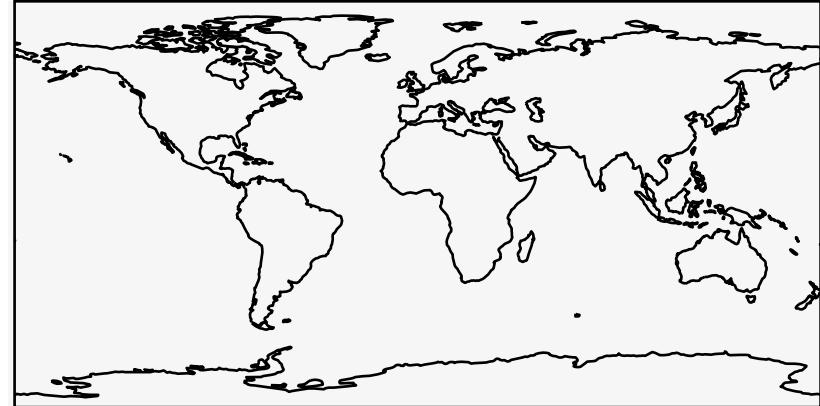
-4 0 4
ppb
1e-9

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



-0.00004 0.00000 0.00004
unitless

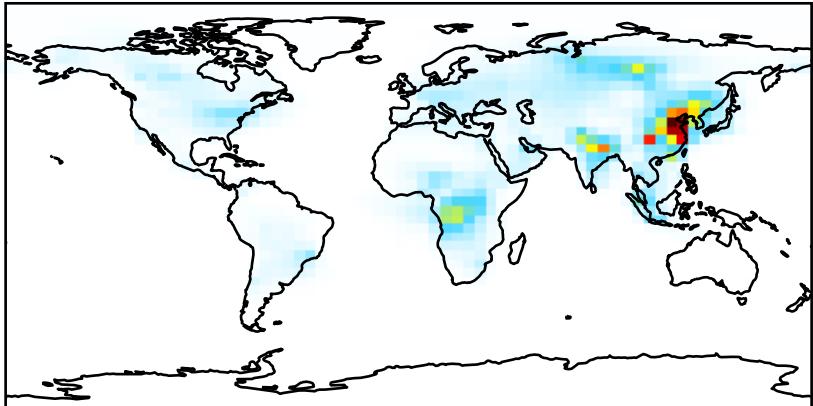
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



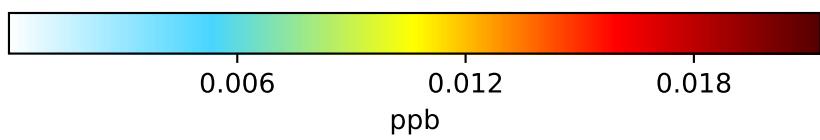
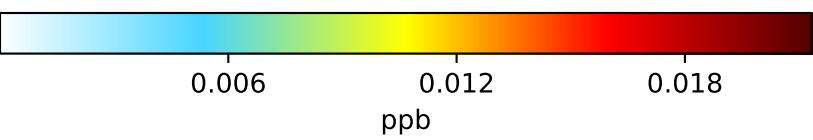
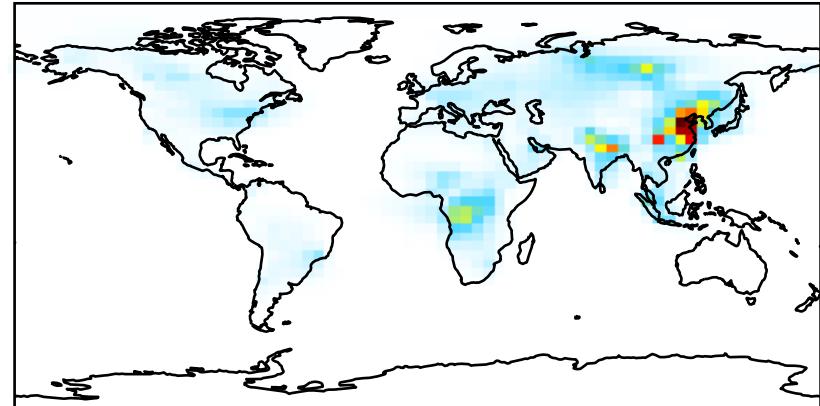
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

SpeciesConc_ASOA1

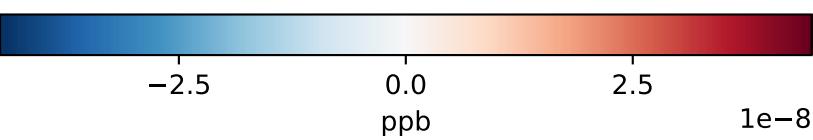
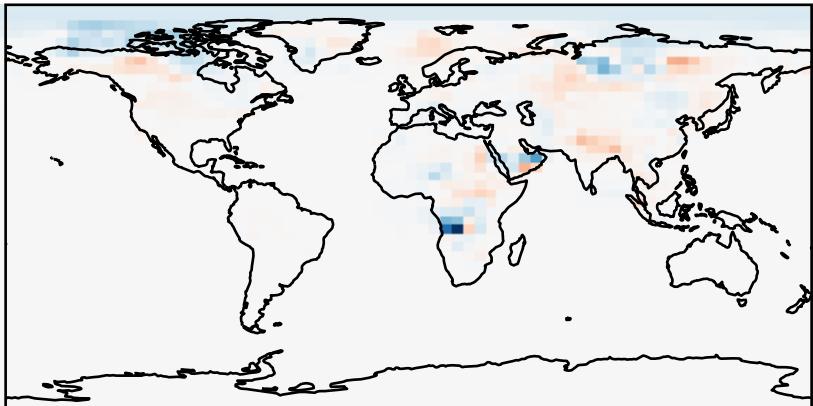
GC_12.7.0-rc.1 (Ref)
4x5



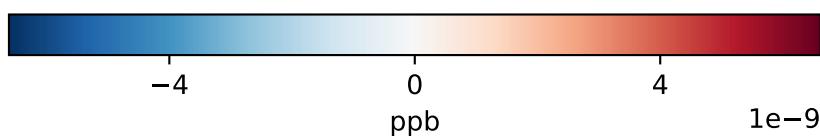
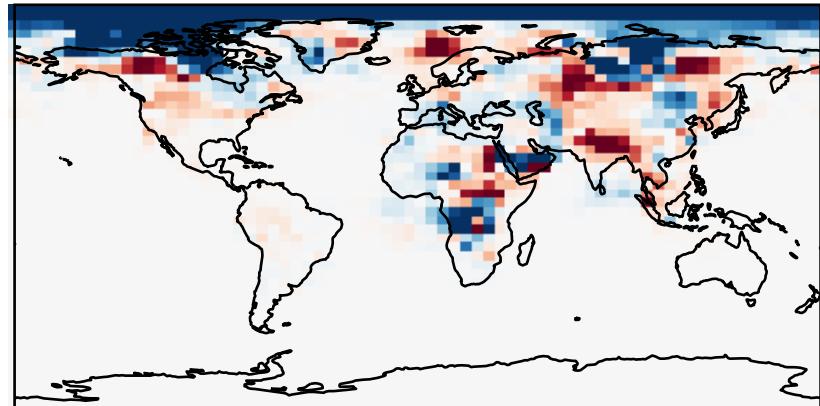
GC_12.7.0-rc.2 (Dev)
4x5



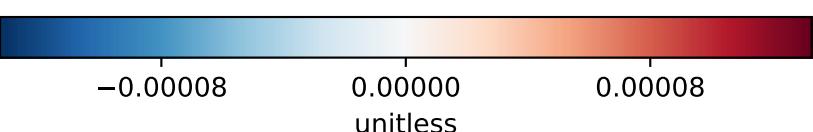
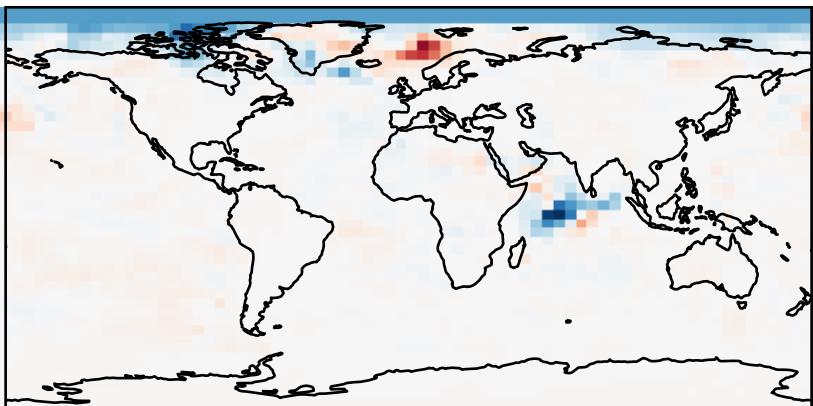
Difference
Dev - Ref, Dynamic Range



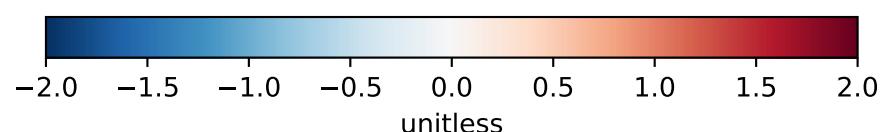
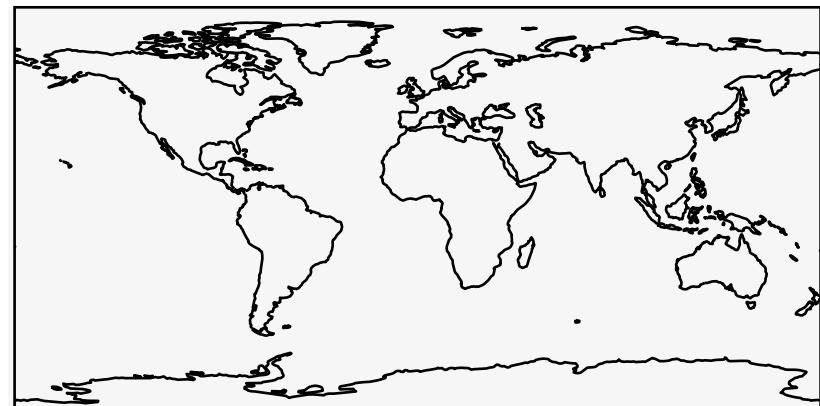
Difference
Dev - Ref, Restricted Range [5%,95%]



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

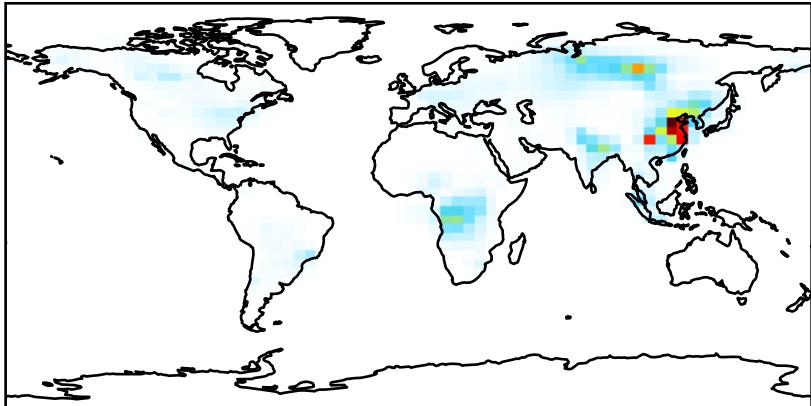


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

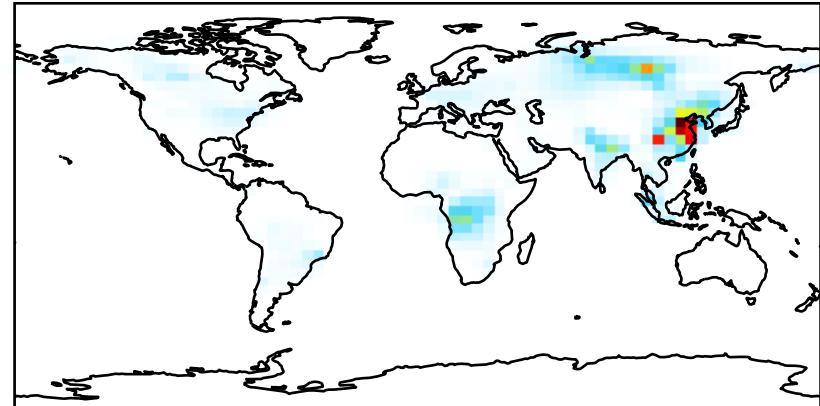


SpeciesConc_ASOA2

GC_12.7.0-rc.1 (Ref)
4x5



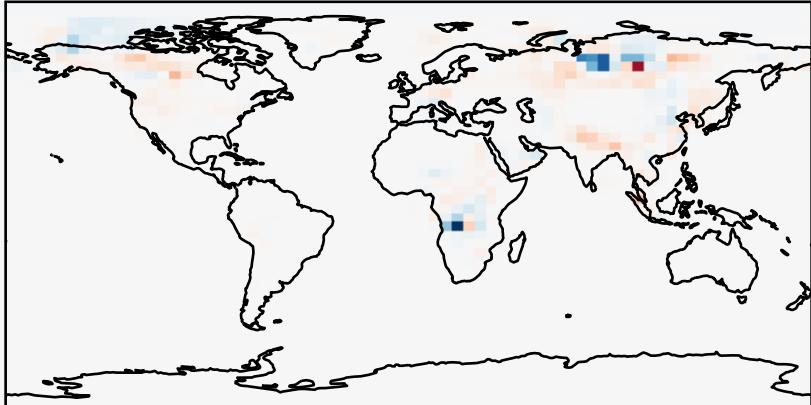
GC_12.7.0-rc.2 (Dev)
4x5



0.005 0.010 0.015
ppb

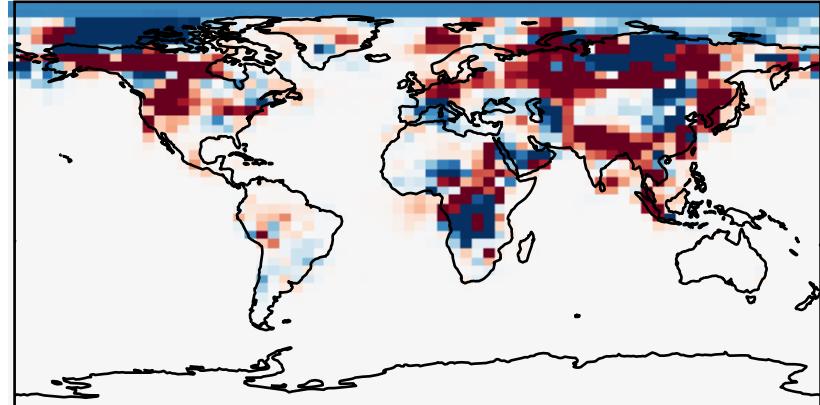
0.005 0.010 0.015
ppb

Difference
Dev - Ref, Dynamic Range



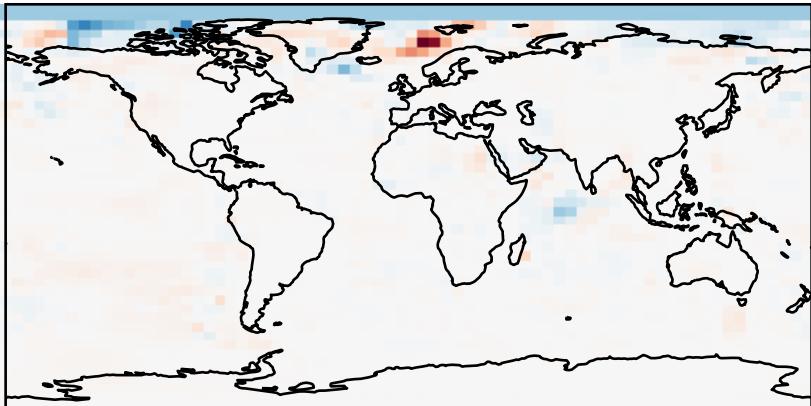
-1 0 1 1e-8
ppb

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



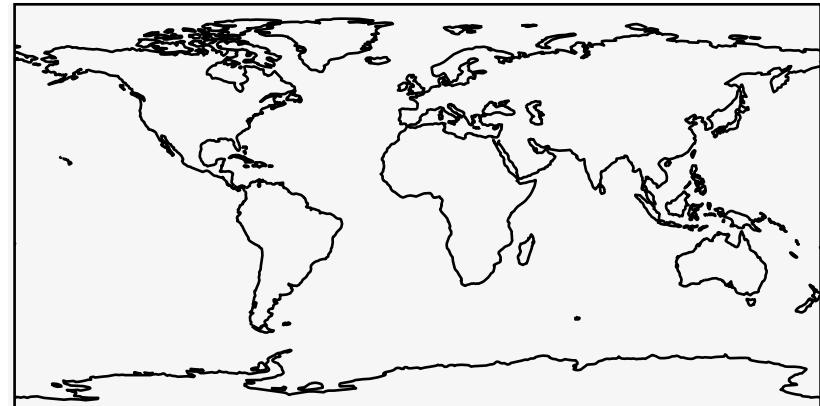
-3 0 3 1e-10
ppb

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



-0.00006 0.00000 0.00006
unitless

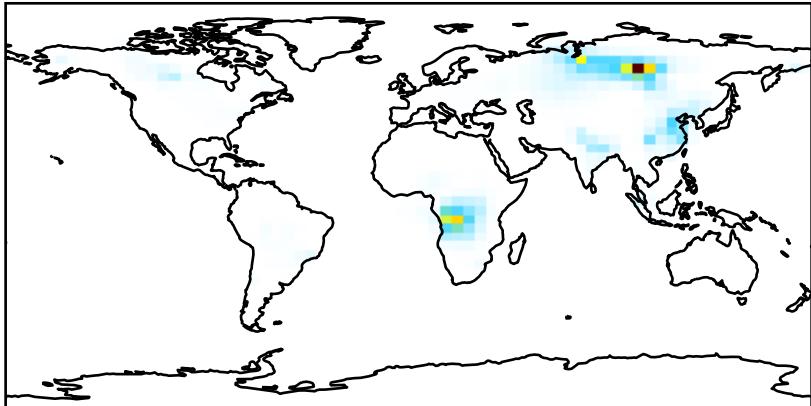
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



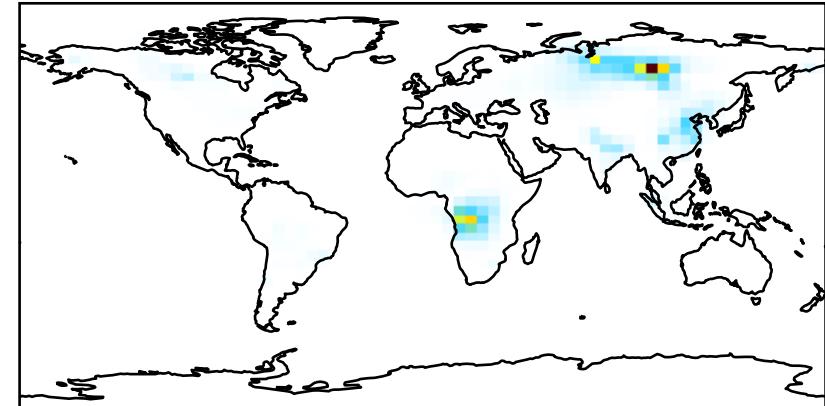
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

SpeciesConc_ASOA3

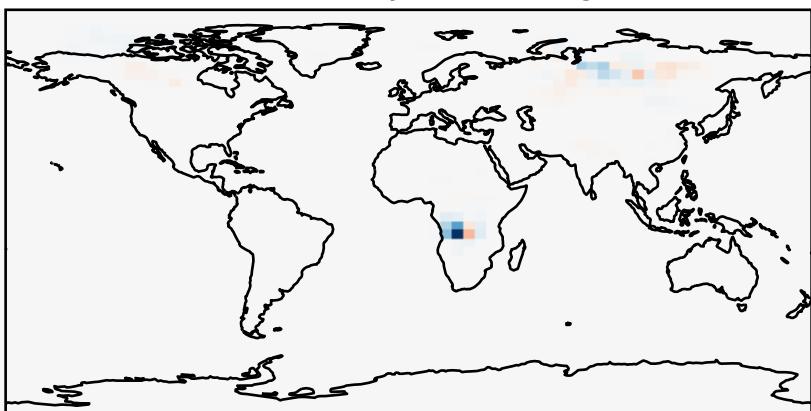
GC_12.7.0-rc.1 (Ref)
4x5



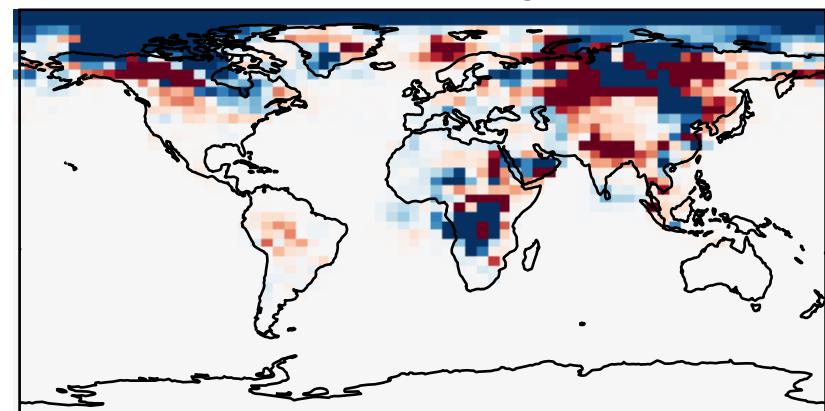
GC_12.7.0-rc.2 (Dev)
4x5



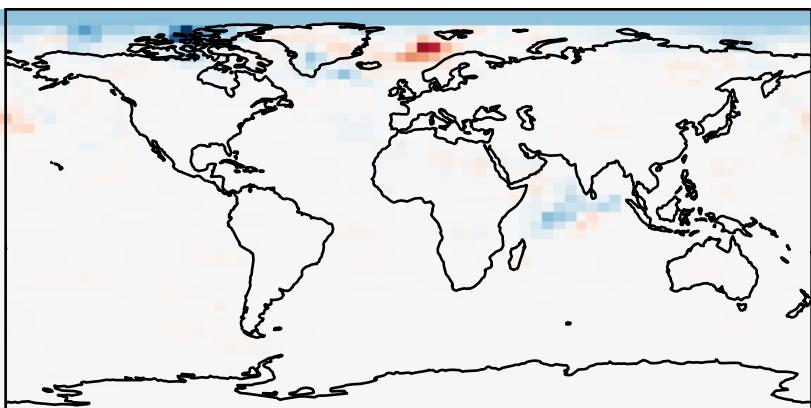
Difference
Dev - Ref, Dynamic Range



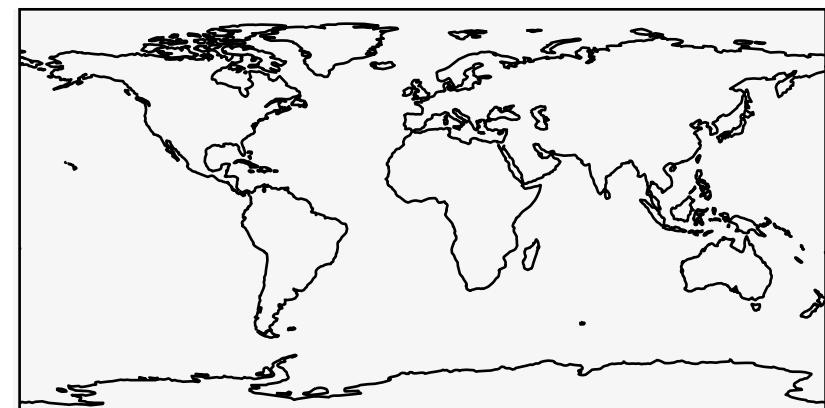
Difference
Dev - Ref, Restricted Range [5%,95%]



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

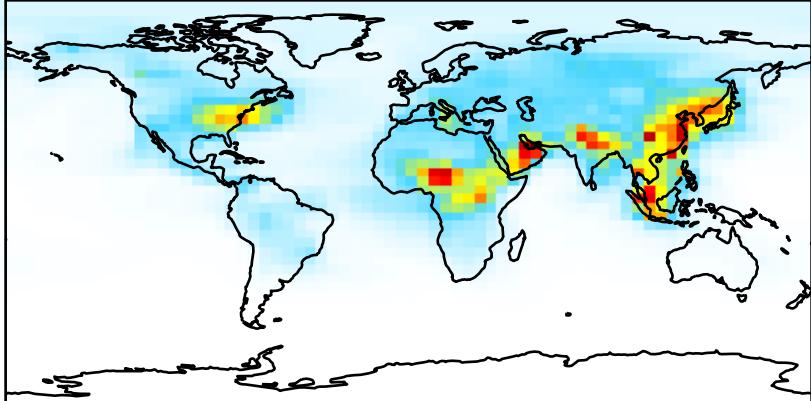


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

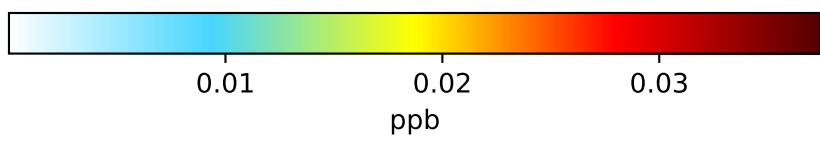
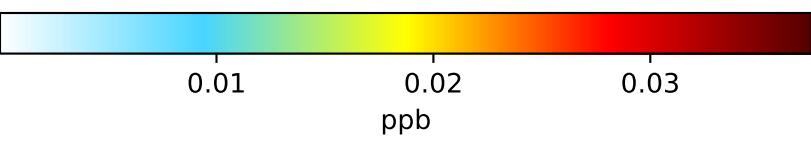
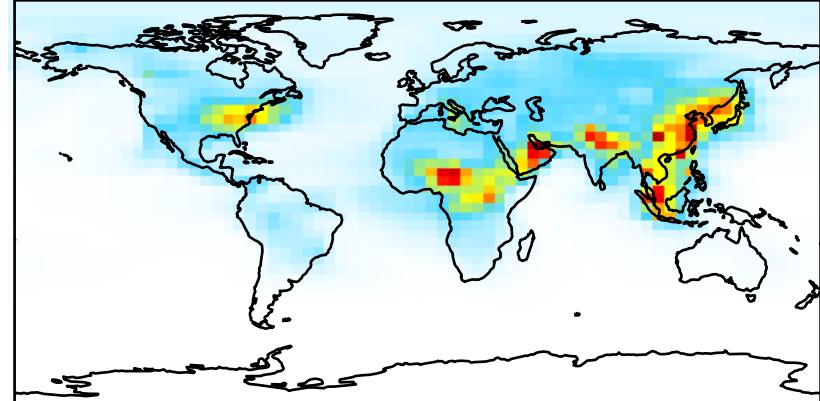


SpeciesConc_ASOAN

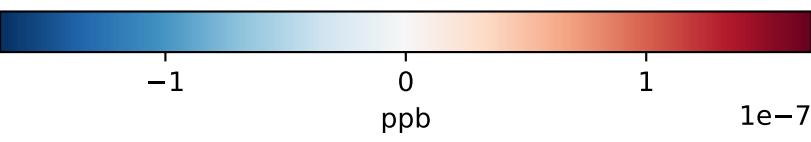
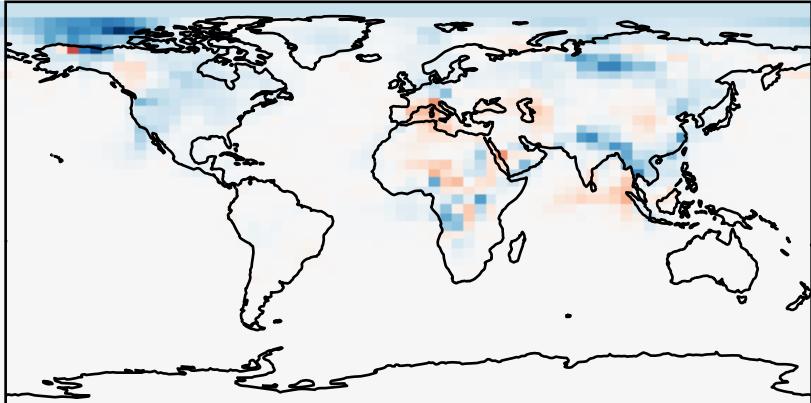
GC_12.7.0-rc.1 (Ref)
4x5



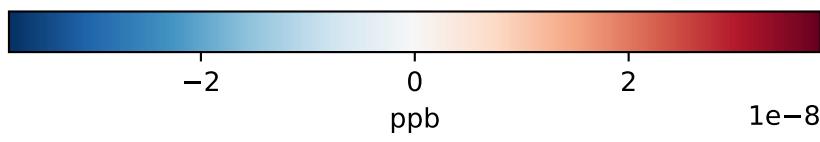
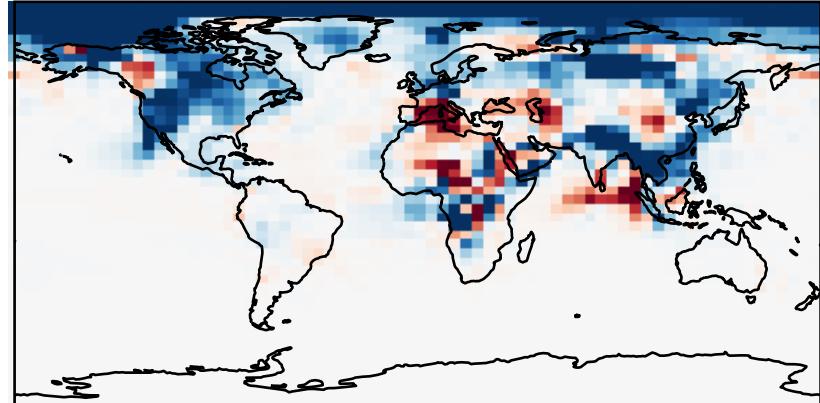
GC_12.7.0-rc.2 (Dev)
4x5



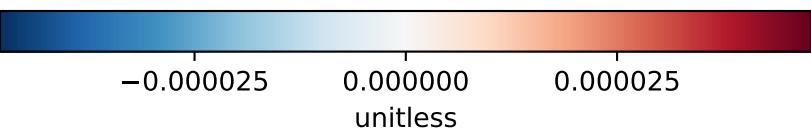
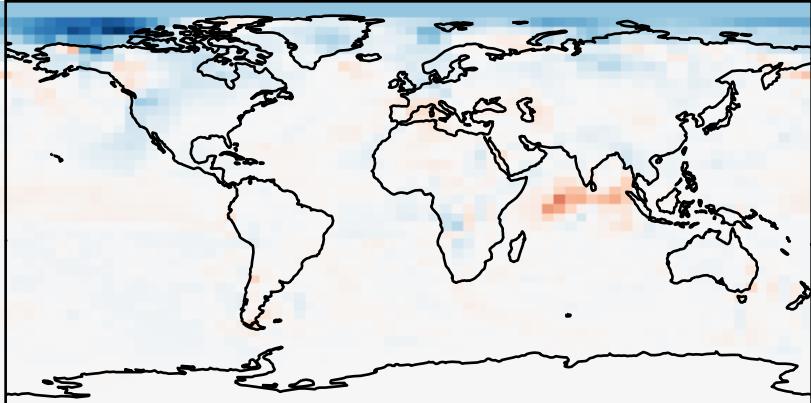
Difference
Dev - Ref, Dynamic Range



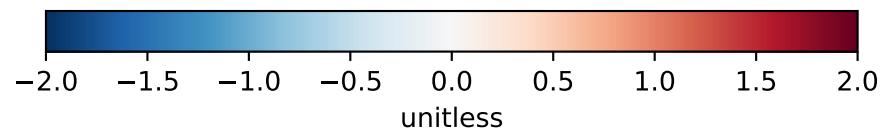
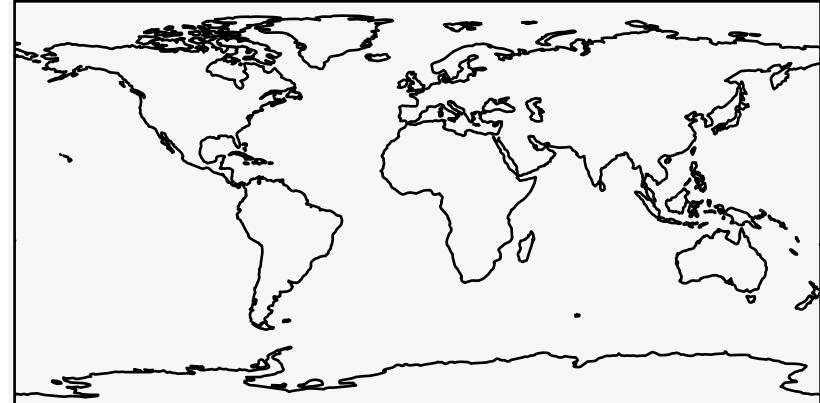
Difference
Dev - Ref, Restricted Range [5%,95%]



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

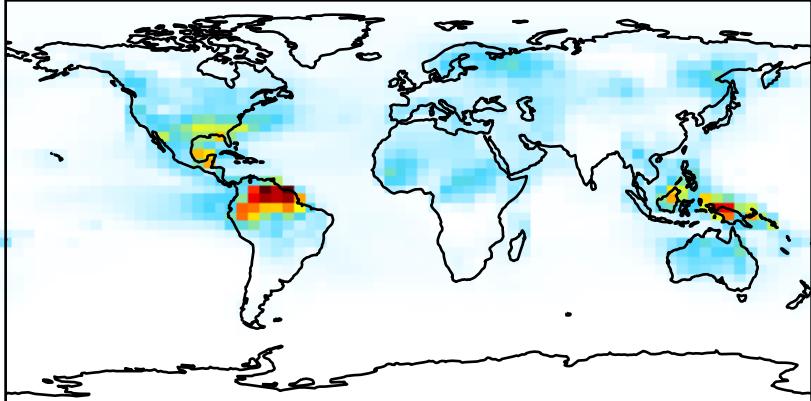


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

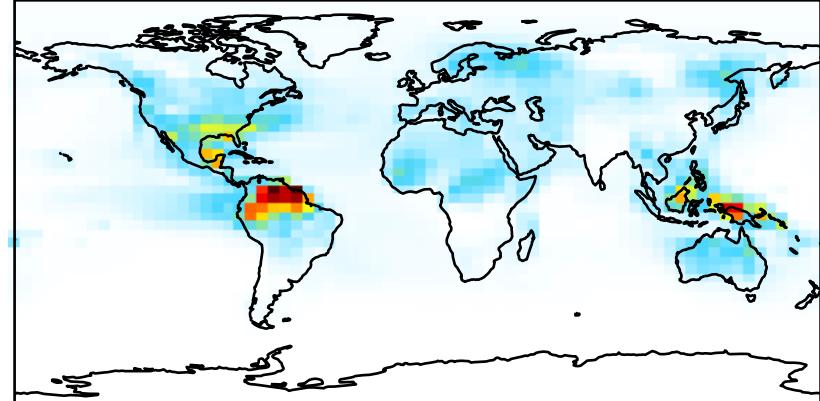


SpeciesConc_TSOG0

GC_12.7.0-rc.1 (Ref)
4x5



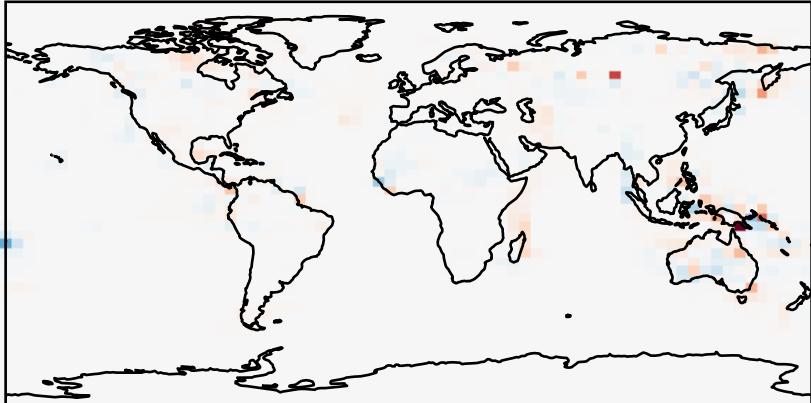
GC_12.7.0-rc.2 (Dev)
4x5



0.0025 0.0050 0.0075
ppb

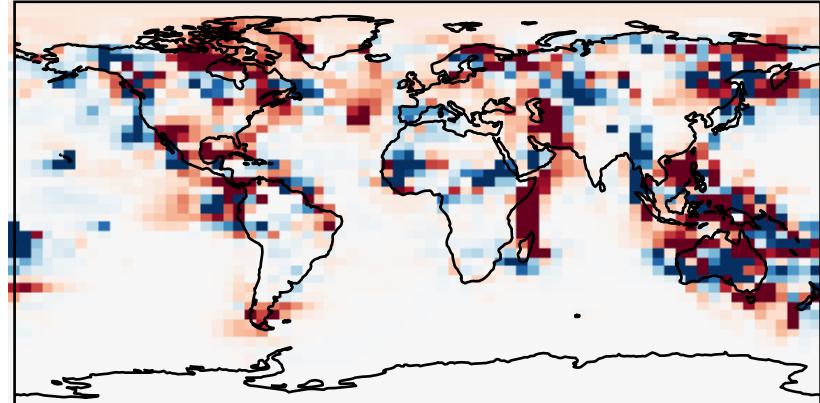
0.0025 0.0050 0.0075
ppb

Difference
Dev - Ref, Dynamic Range



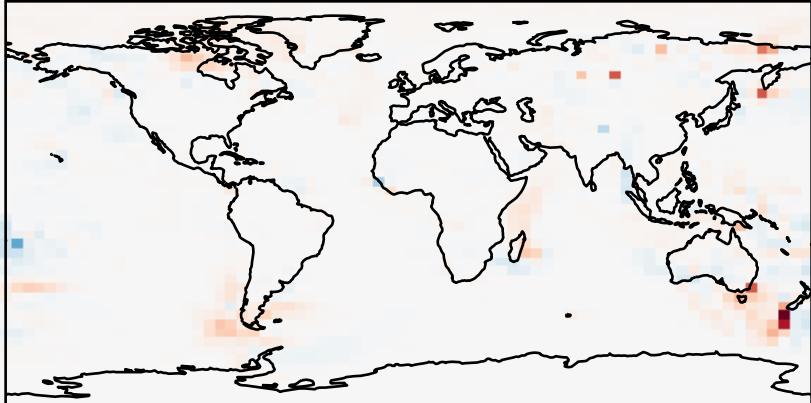
-2.5 0.0 2.5 1e-8
ppb

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



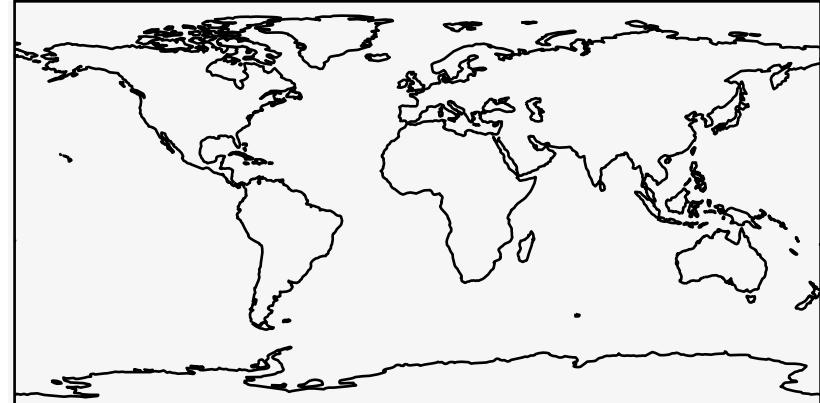
-8 0 8 1e-10
ppb

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



-0.00004 0.00000 0.00004
unitless

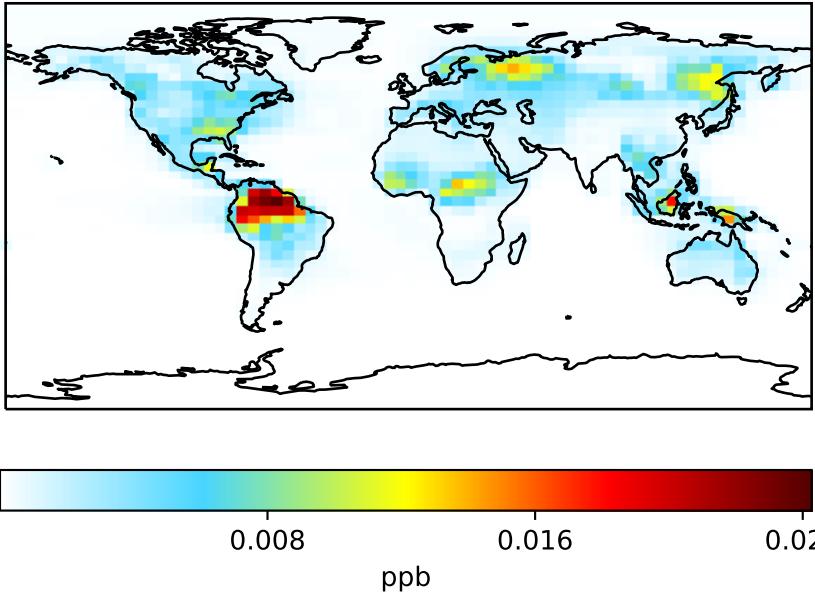
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



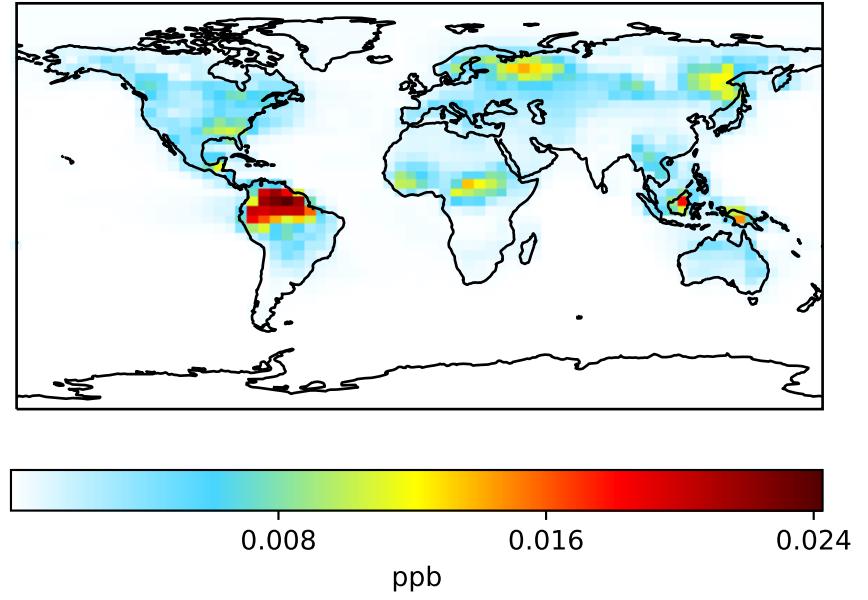
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

SpeciesConc_TSOG1

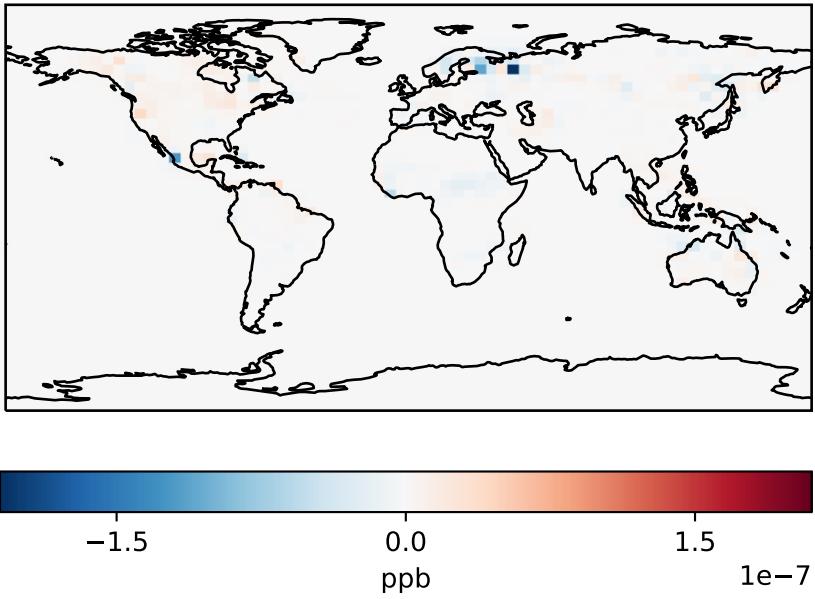
GC_12.7.0-rc.1 (Ref)
4x5



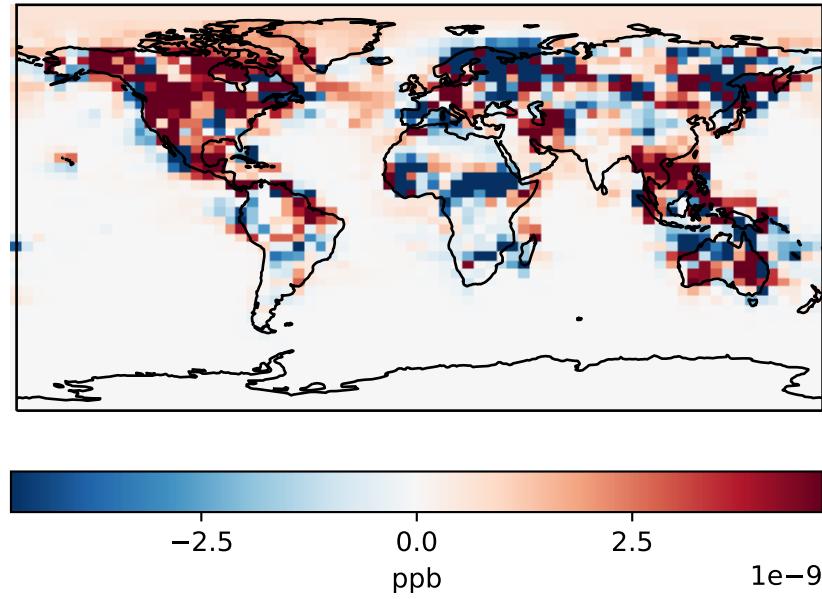
GC_12.7.0-rc.2 (Dev)
4x5



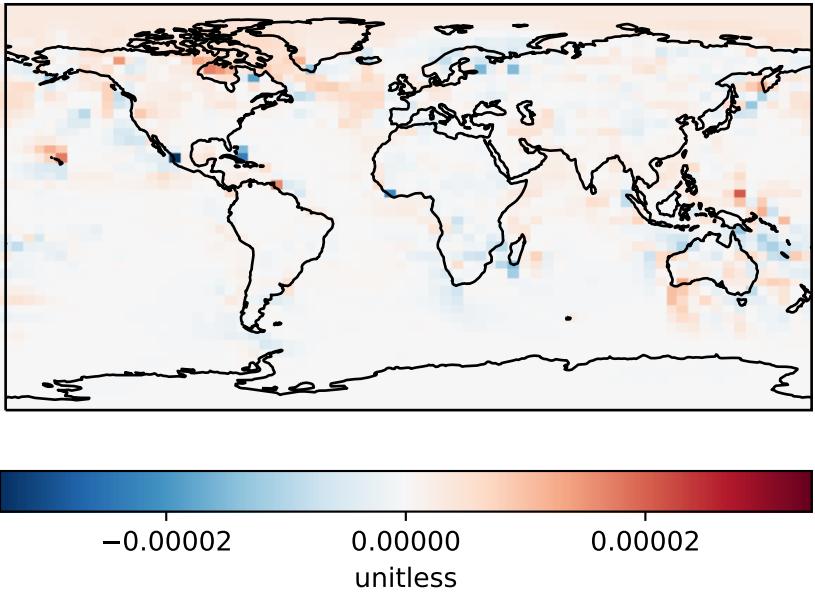
Difference
Dev - Ref, Dynamic Range



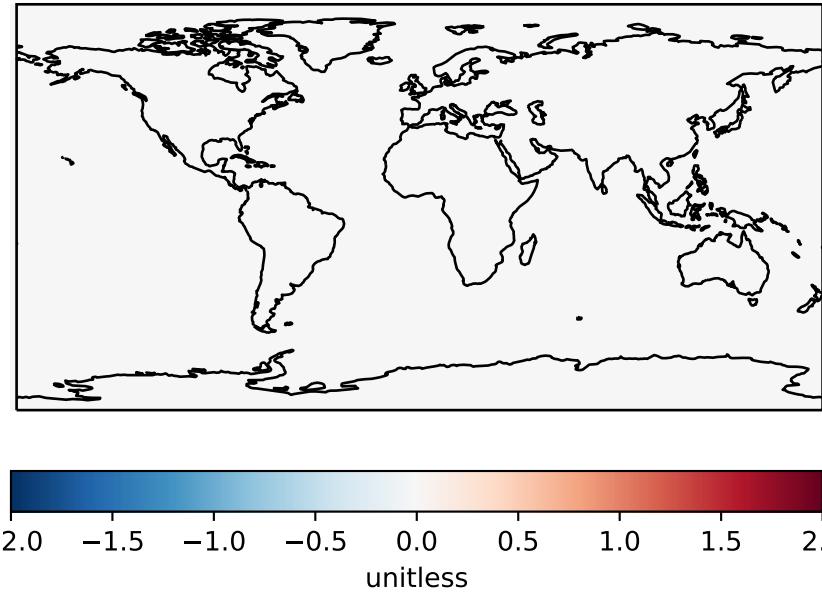
Difference
Dev - Ref, Restricted Range [5%,95%]



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

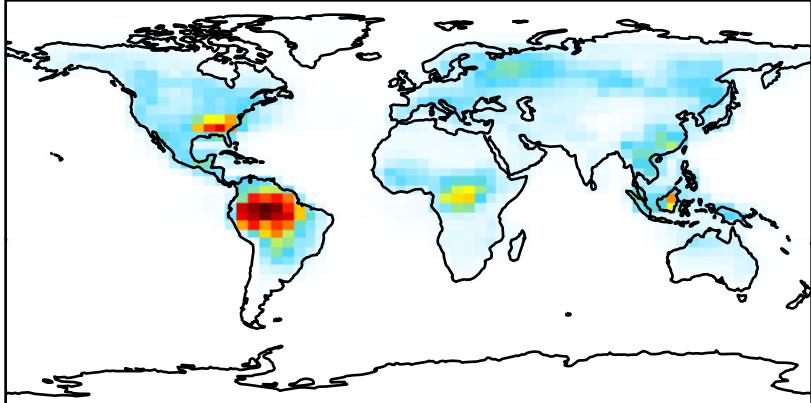


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

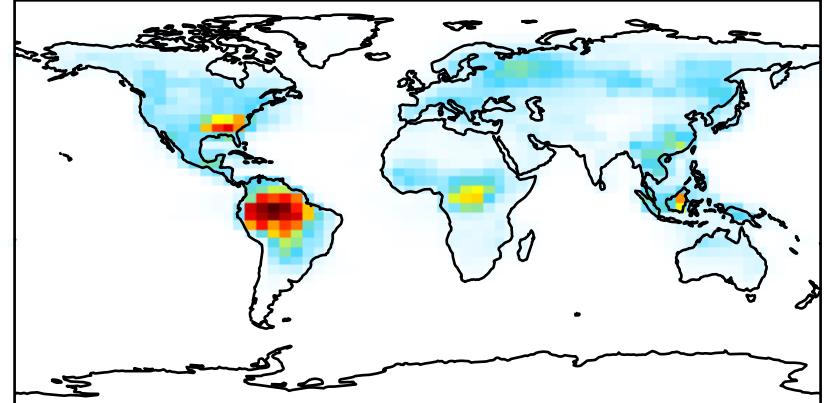


SpeciesConc_TSOG2

GC_12.7.0-rc.1 (Ref)
4x5



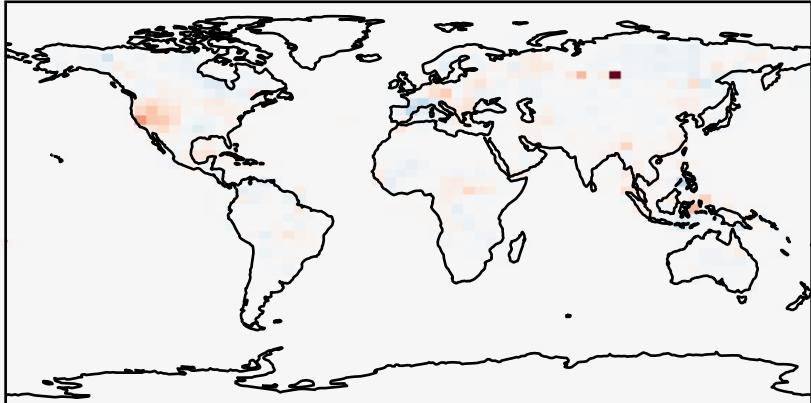
GC_12.7.0-rc.2 (Dev)
4x5



0.1 0.2 0.3 0.4 0.5 0.6
ppb

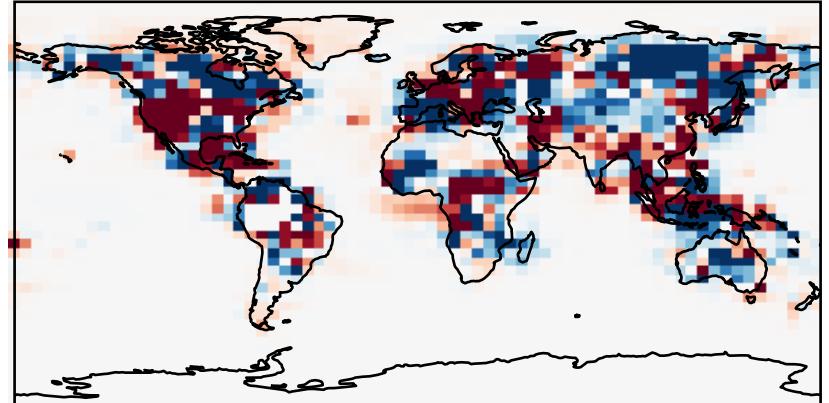
0.1 0.2 0.3 0.4 0.5 0.6
ppb

Difference
Dev - Ref, Dynamic Range



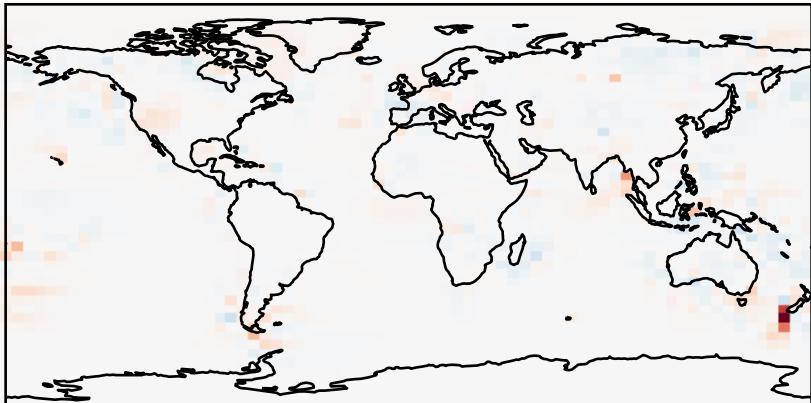
-8 0 8 1e-7
ppb

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



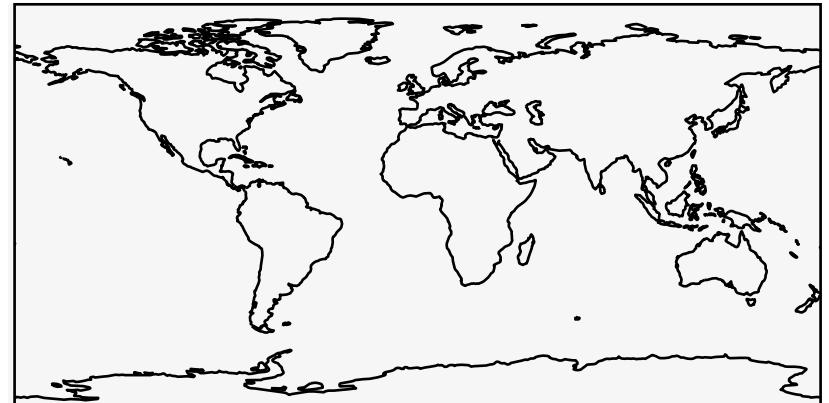
-2 0 2 1e-8
ppb

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



-0.00002 0.00000 0.00002
unitless

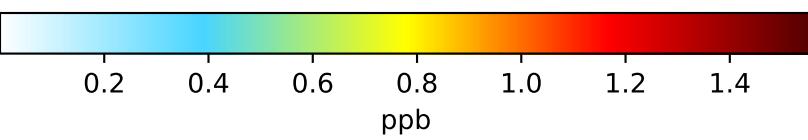
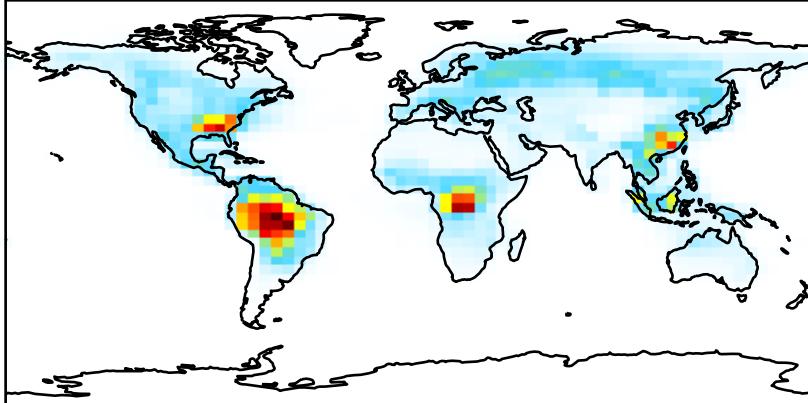
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



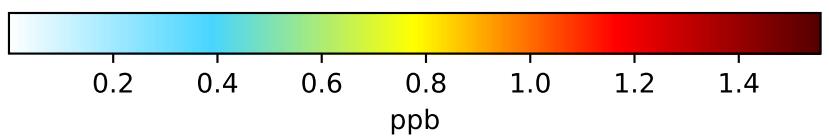
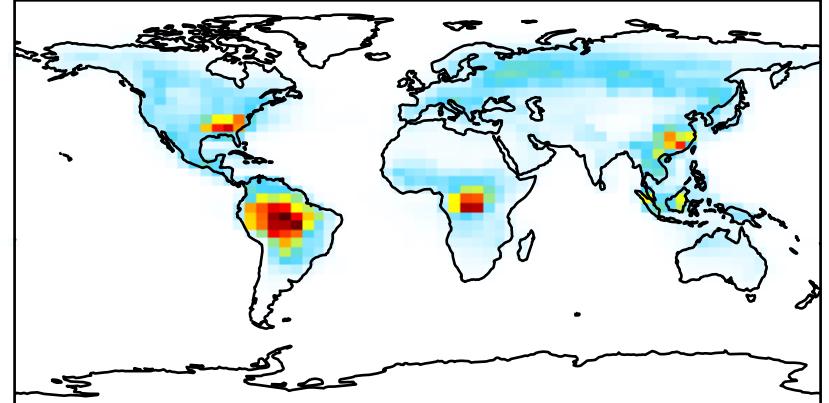
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

SpeciesConc_TSOG3

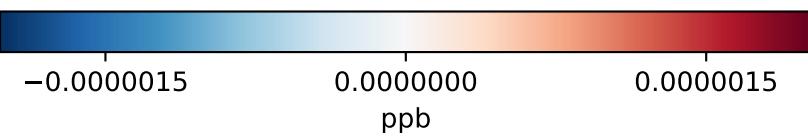
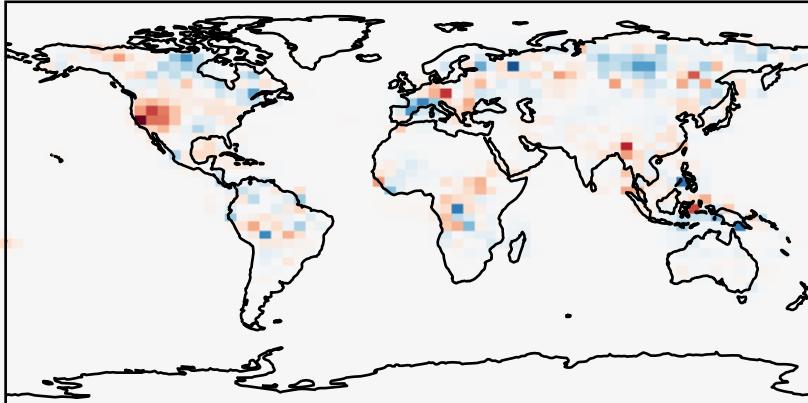
GC_12.7.0-rc.1 (Ref)
4x5



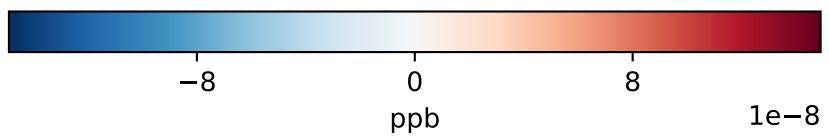
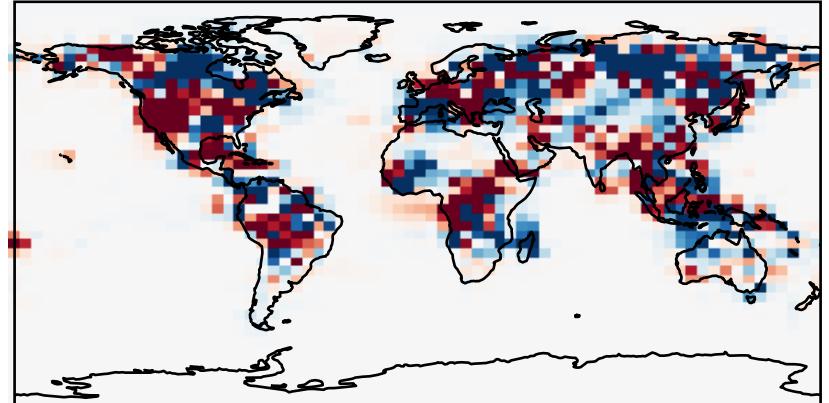
GC_12.7.0-rc.2 (Dev)
4x5



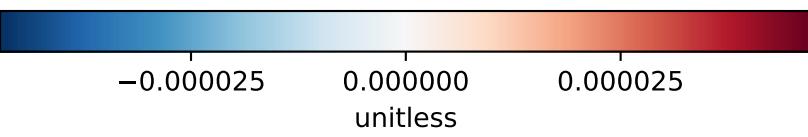
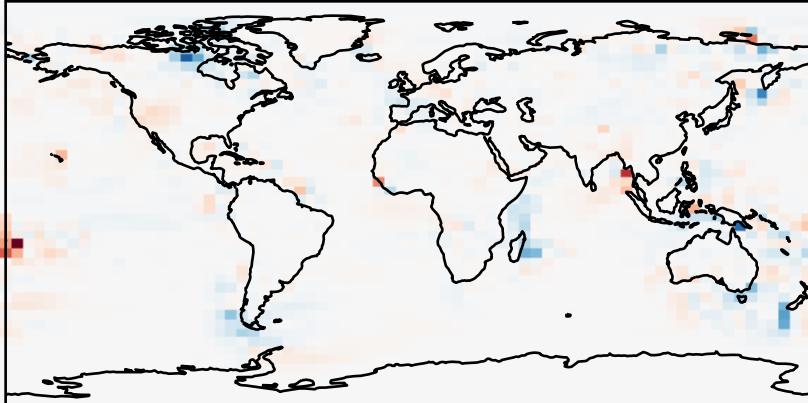
Difference
Dev - Ref, Dynamic Range



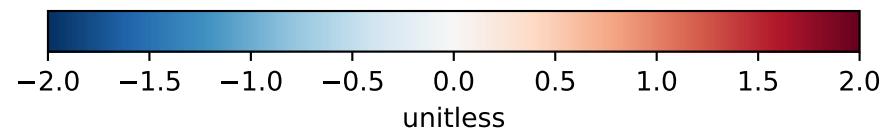
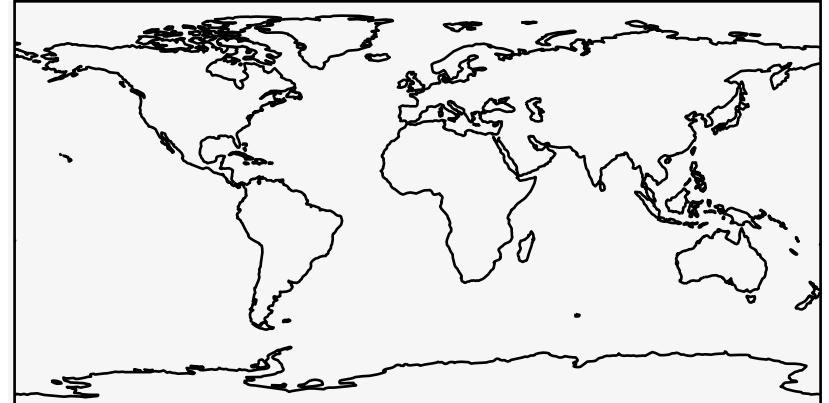
Difference
Dev - Ref, Restricted Range [5%,95%]



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

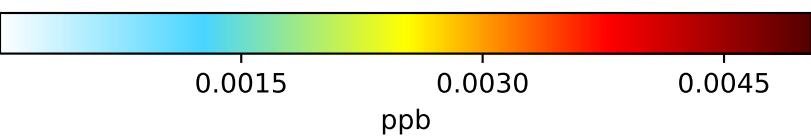
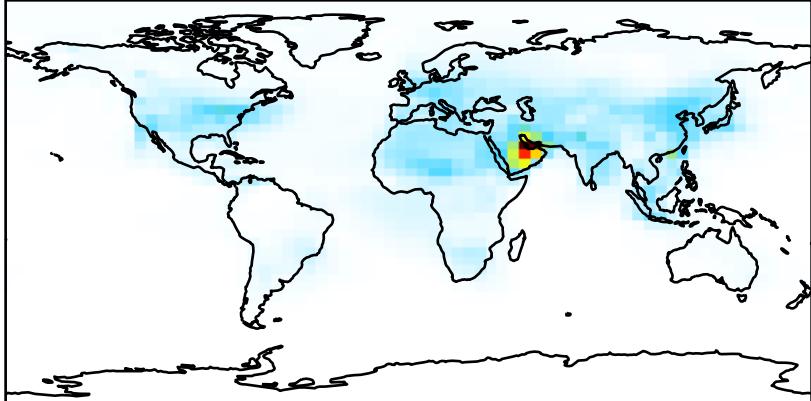


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

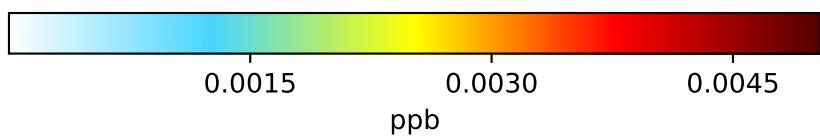
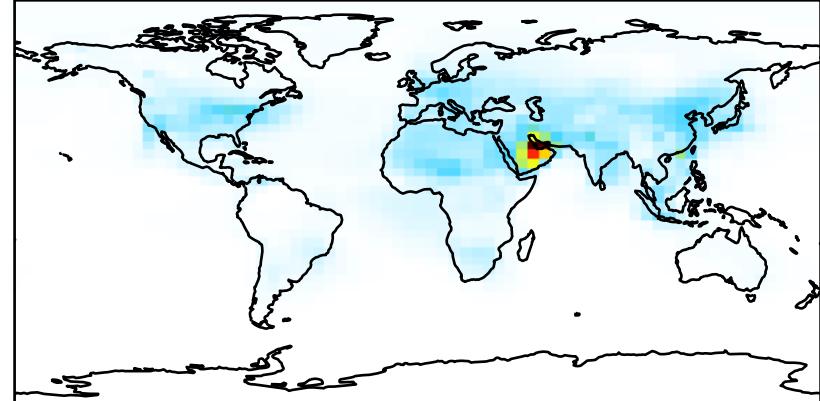


SpeciesConc_ASOG1

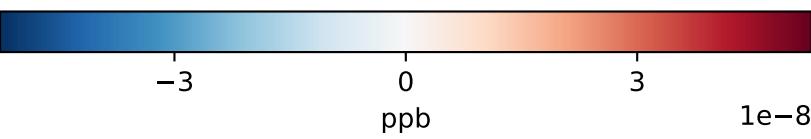
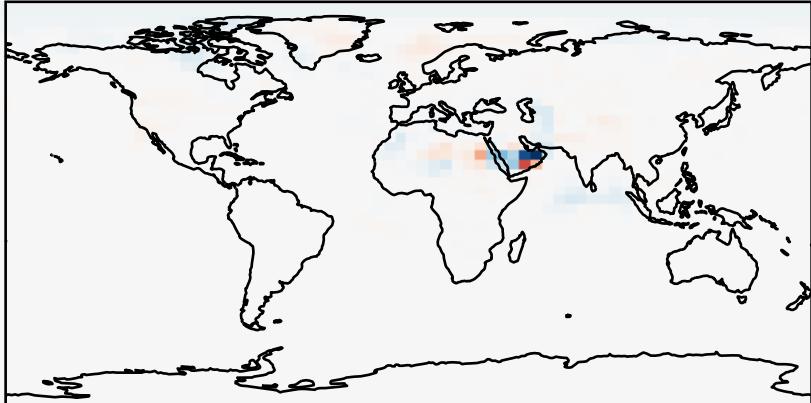
GC_12.7.0-rc.1 (Ref)
4x5



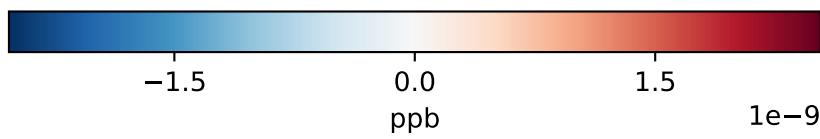
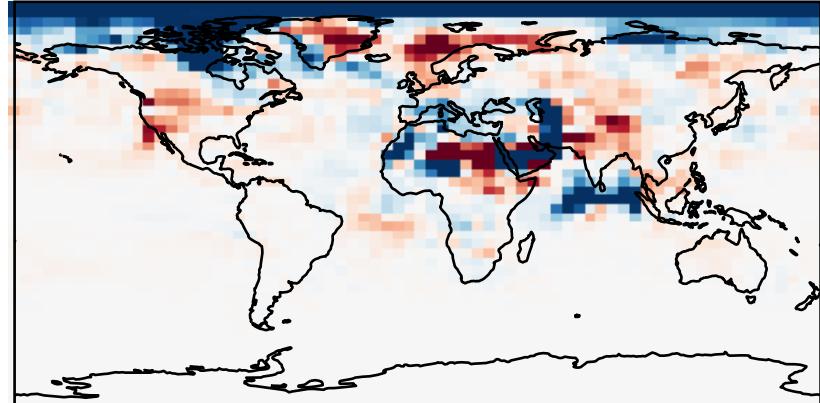
GC_12.7.0-rc.2 (Dev)
4x5



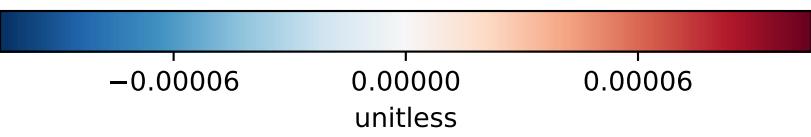
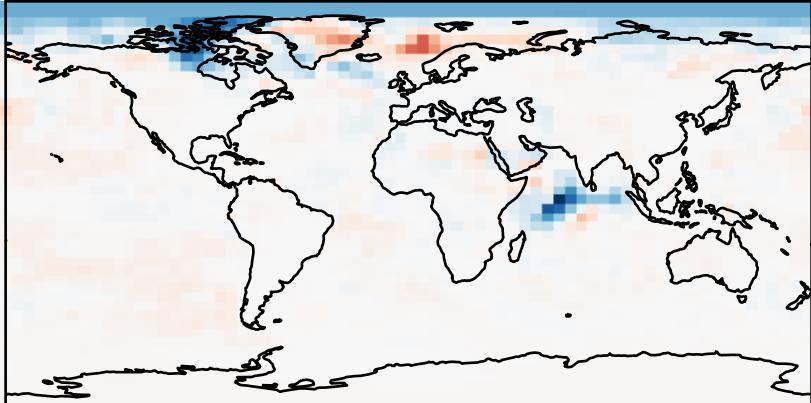
Difference
Dev - Ref, Dynamic Range



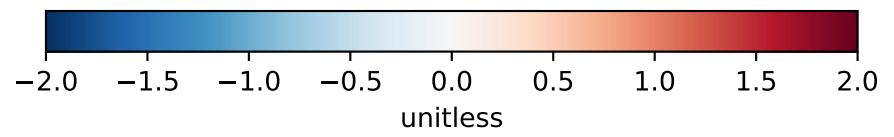
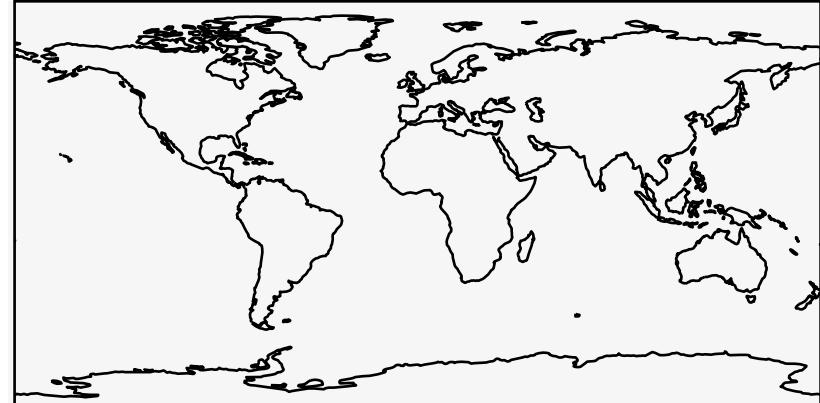
Difference
Dev - Ref, Restricted Range [5%,95%]



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

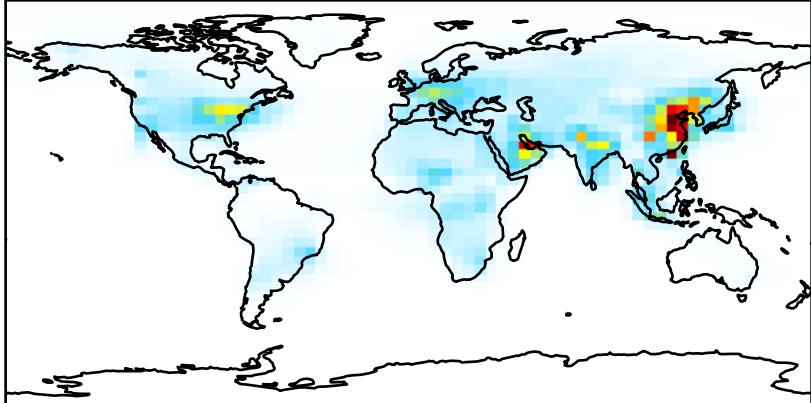


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

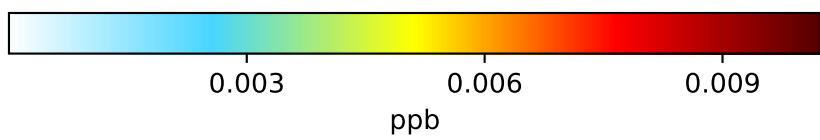
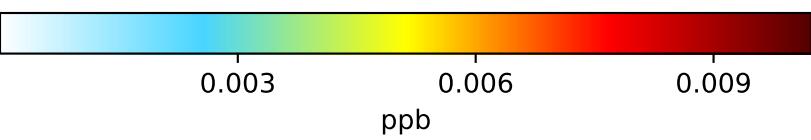
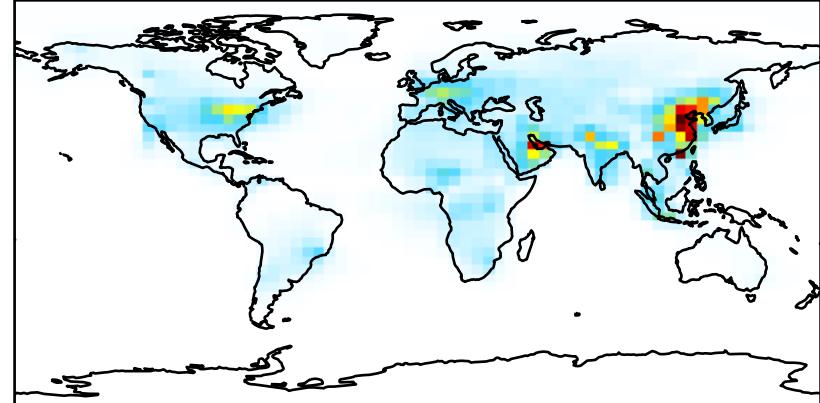


SpeciesConc_ASOG2

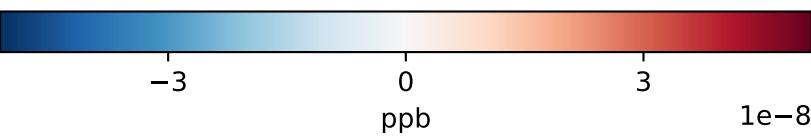
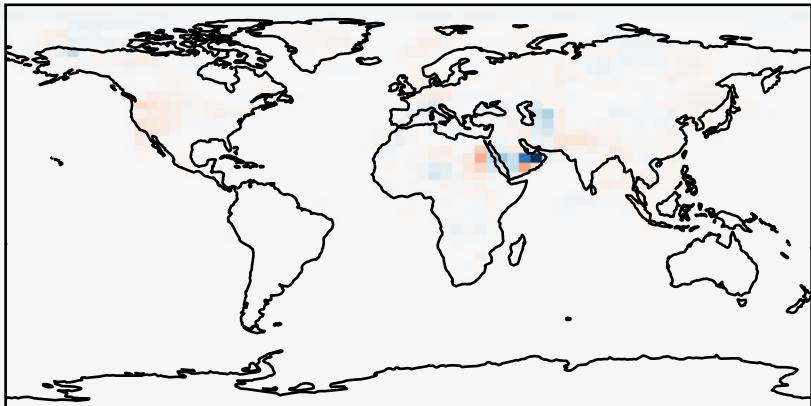
GC_12.7.0-rc.1 (Ref)
4x5



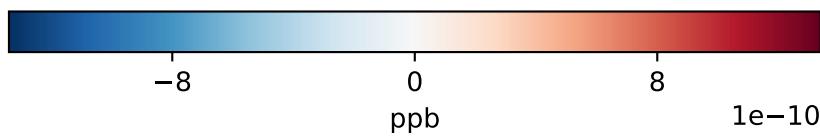
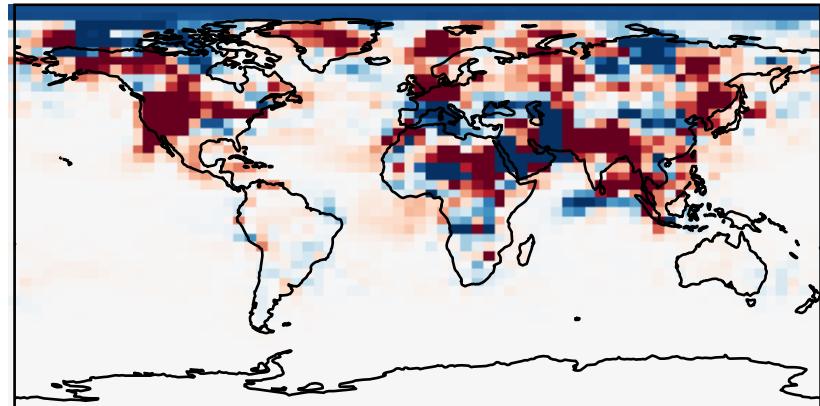
GC_12.7.0-rc.2 (Dev)
4x5



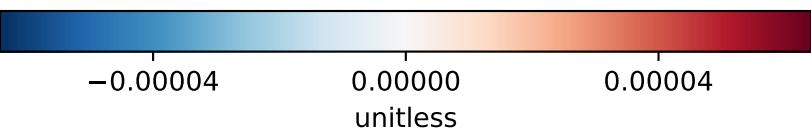
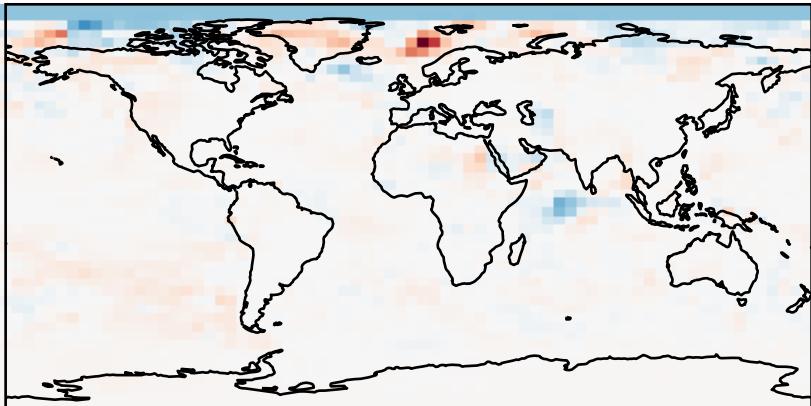
Difference
Dev - Ref, Dynamic Range



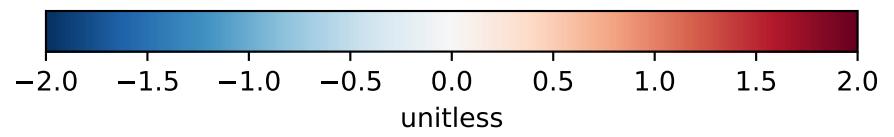
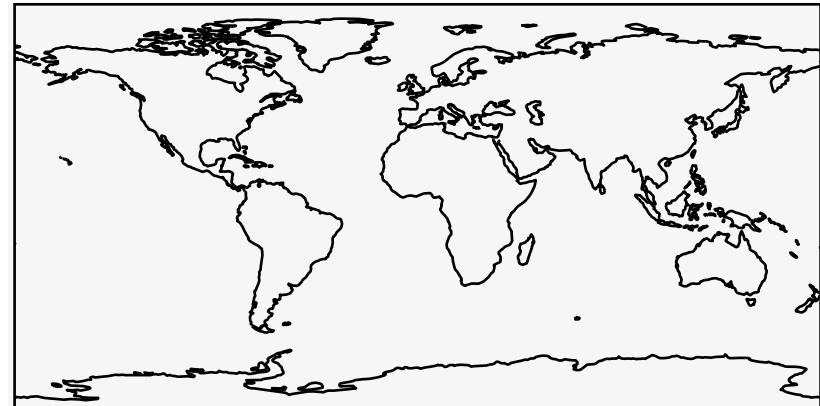
Difference
Dev - Ref, Restricted Range [5%,95%]



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

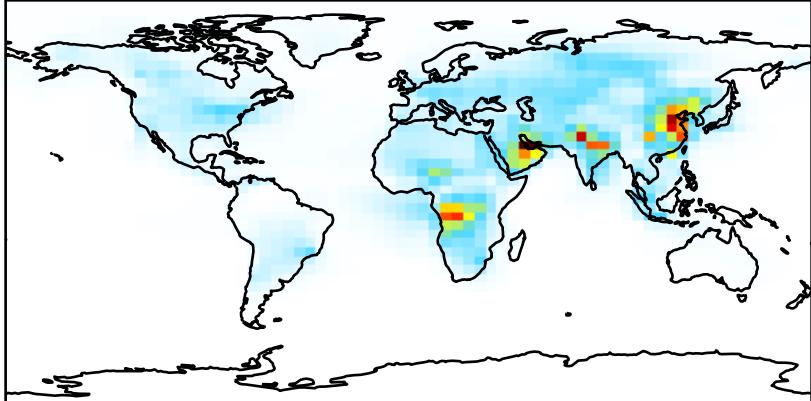


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

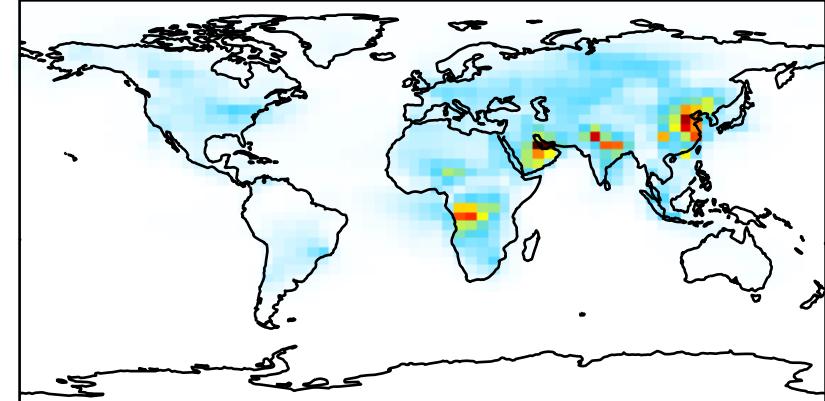


SpeciesConc_ASOG3

GC_12.7.0-rc.1 (Ref)
4x5



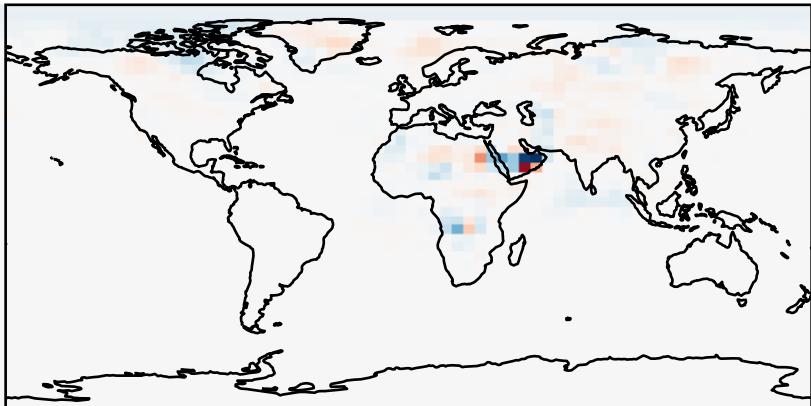
GC_12.7.0-rc.2 (Dev)
4x5



0.015 0.030 0.045
ppb

0.015 0.030 0.045
ppb

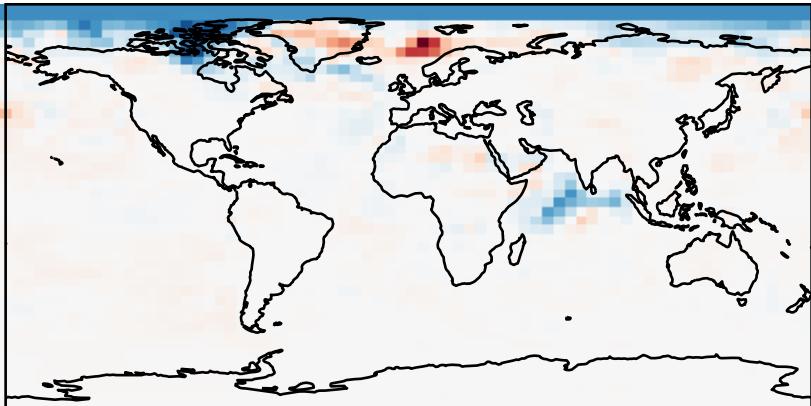
Difference
Dev - Ref, Dynamic Range



-3 0 3 1e-7
ppb

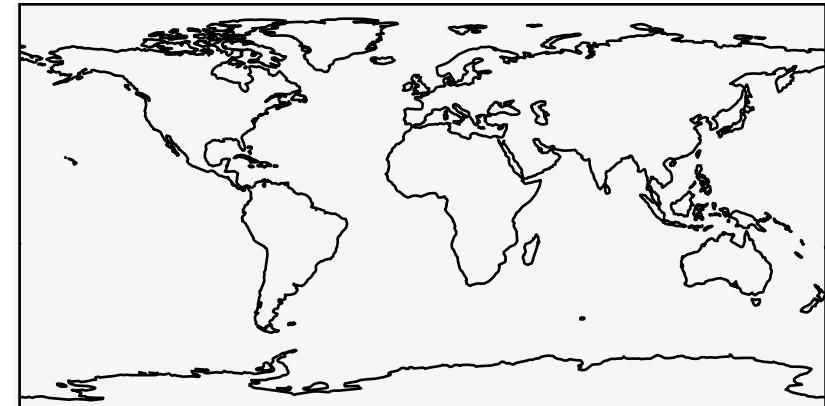
-2.5 0.0 2.5 1e-8
ppb

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



-0.0001 0.0000 0.0001
unitless

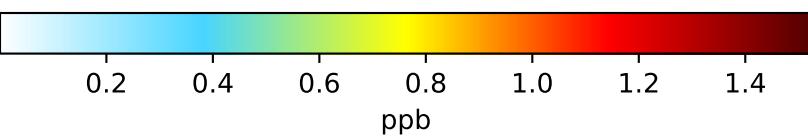
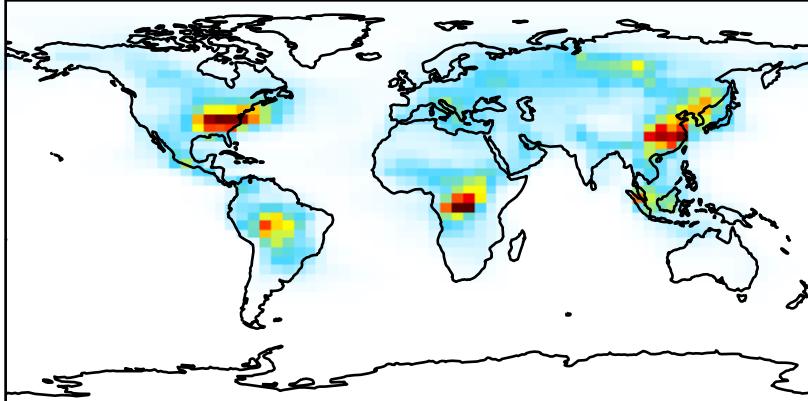
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



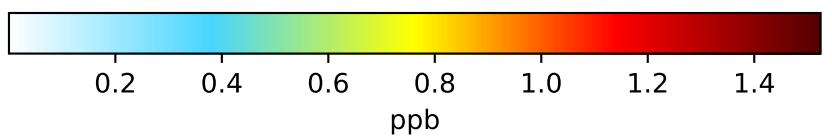
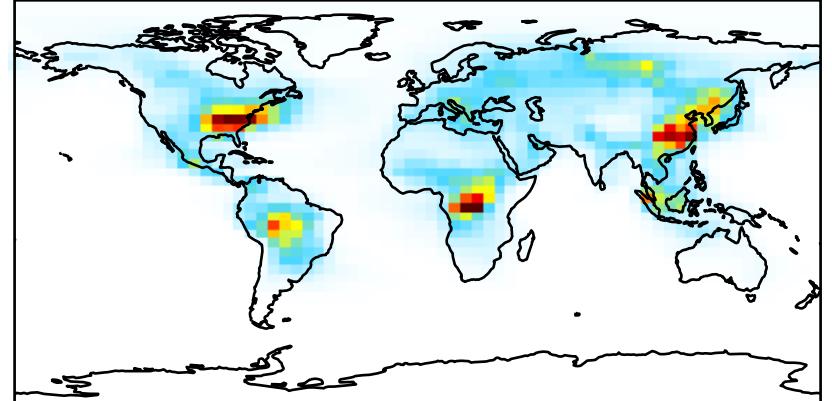
-2.0 -1.5 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0
unitless

SpeciesConc_INDIOL

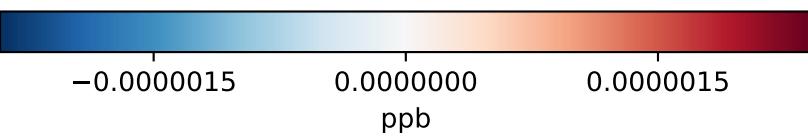
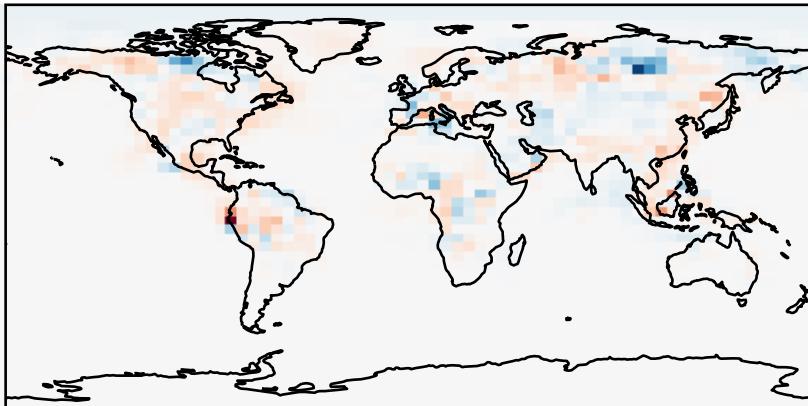
GC_12.7.0-rc.1 (Ref)
4x5



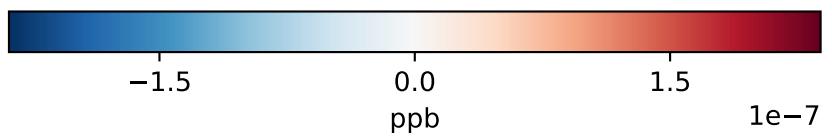
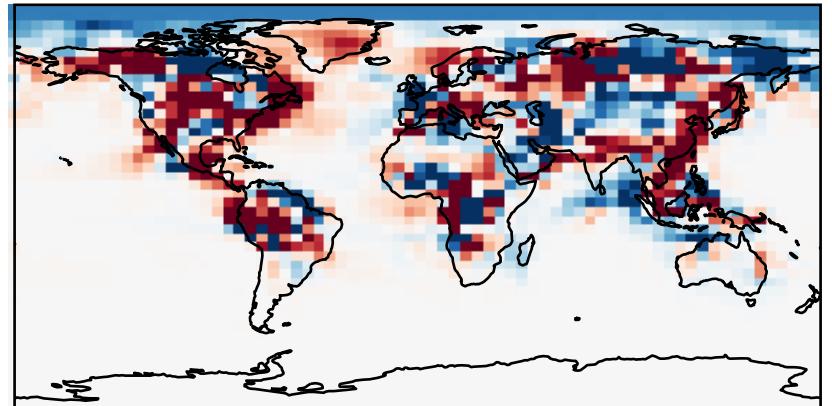
GC_12.7.0-rc.2 (Dev)
4x5



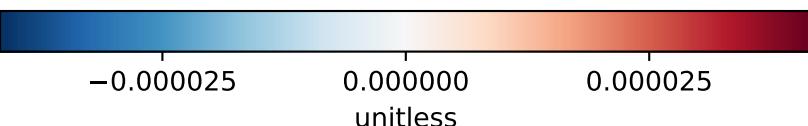
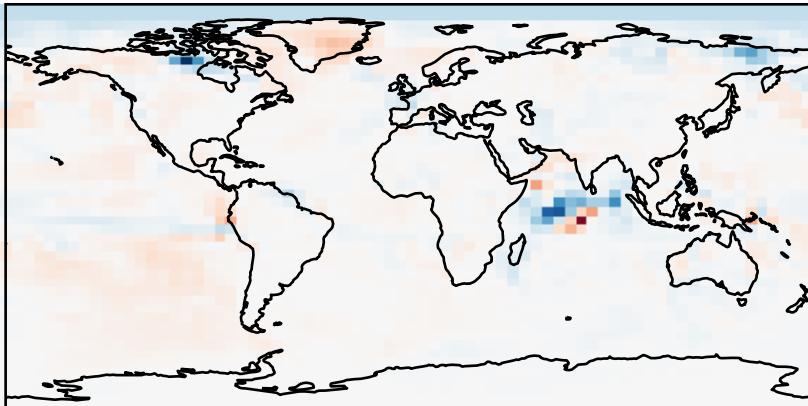
Difference
Dev - Ref, Dynamic Range



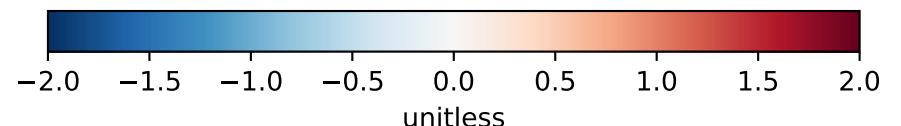
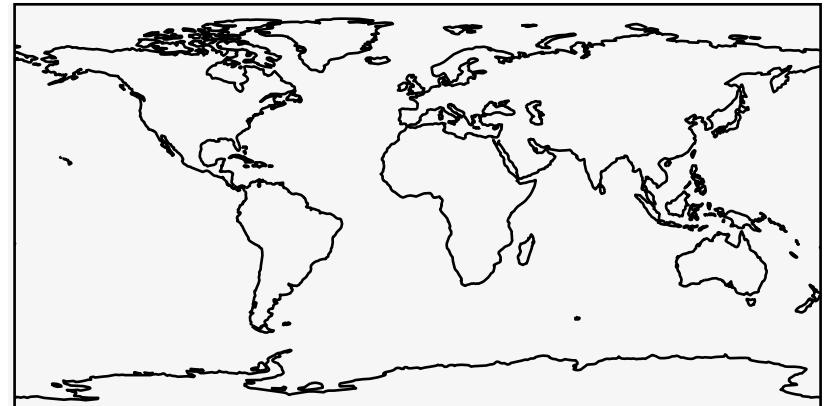
Difference
Dev - Ref, Restricted Range [5%,95%]



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

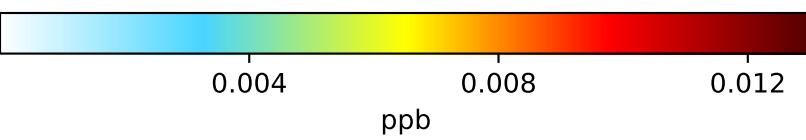
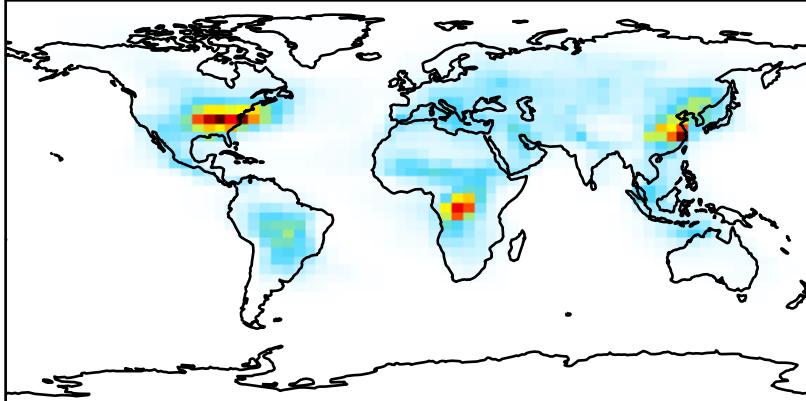


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

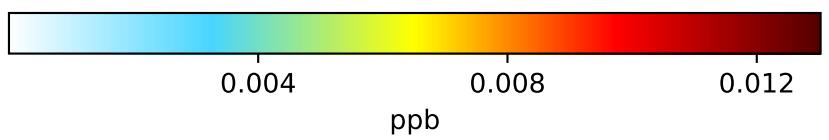
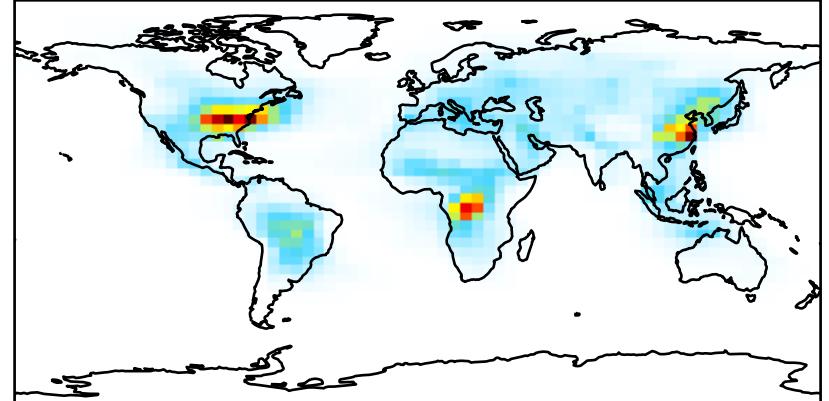


SpeciesConc_ISN1OA

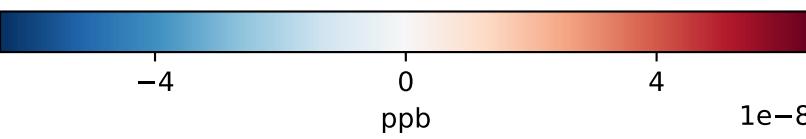
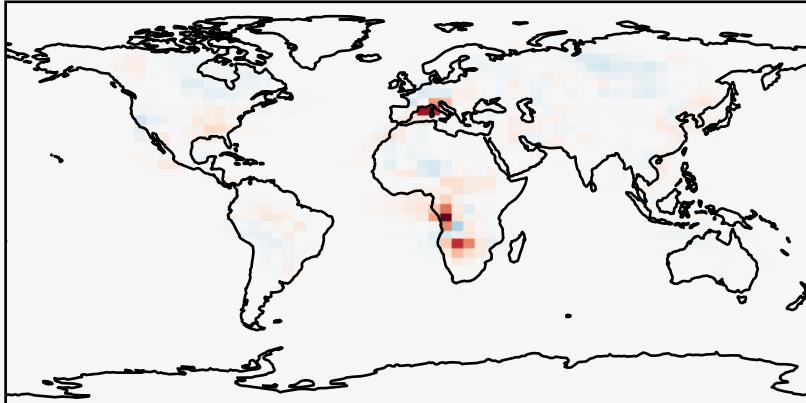
GC_12.7.0-rc.1 (Ref)
4x5



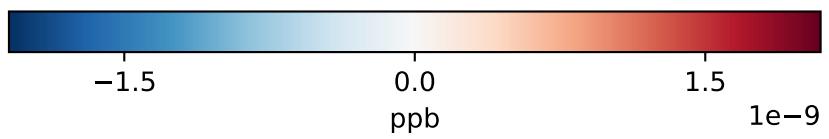
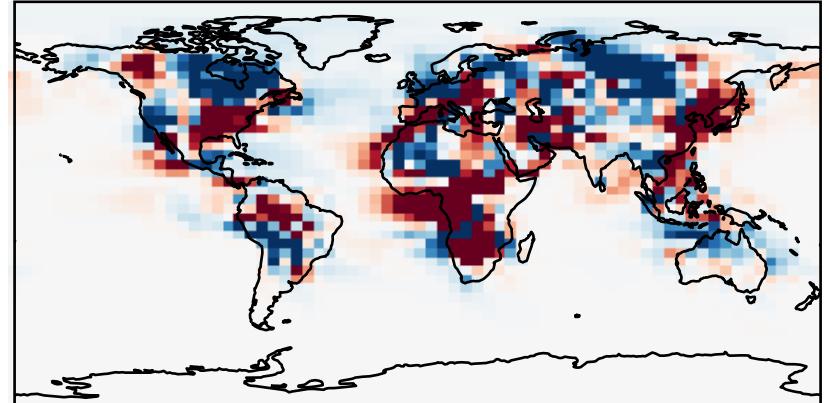
GC_12.7.0-rc.2 (Dev)
4x5



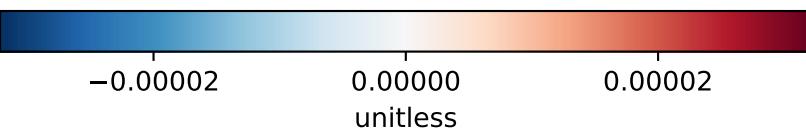
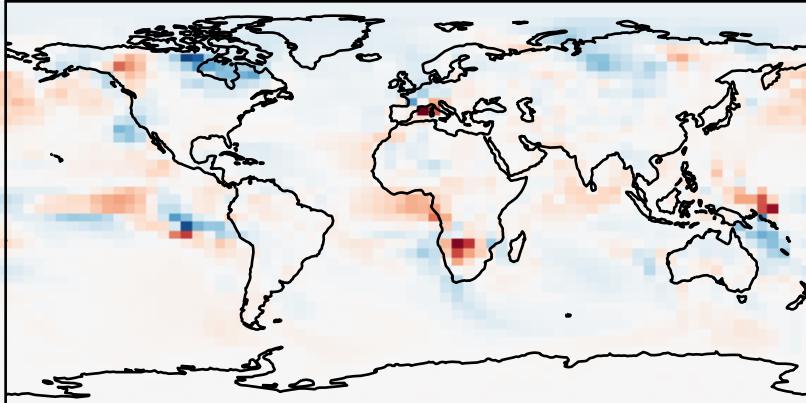
Difference
Dev - Ref, Dynamic Range



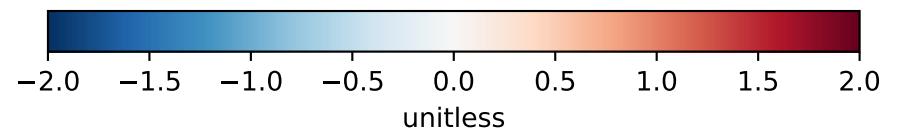
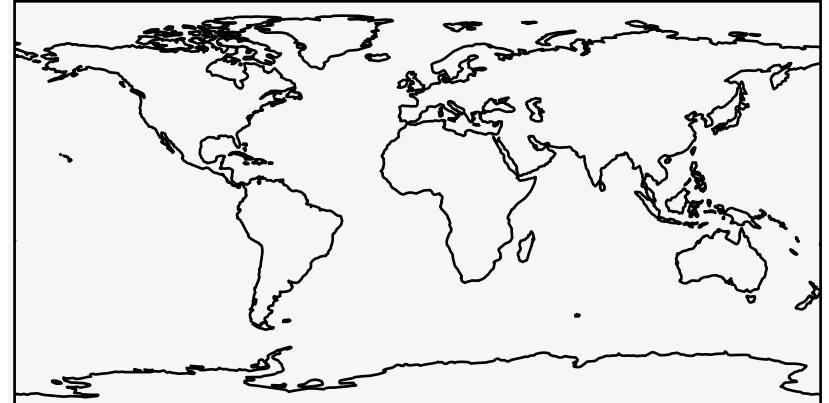
Difference
Dev - Ref, Restricted Range [5%,95%]



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

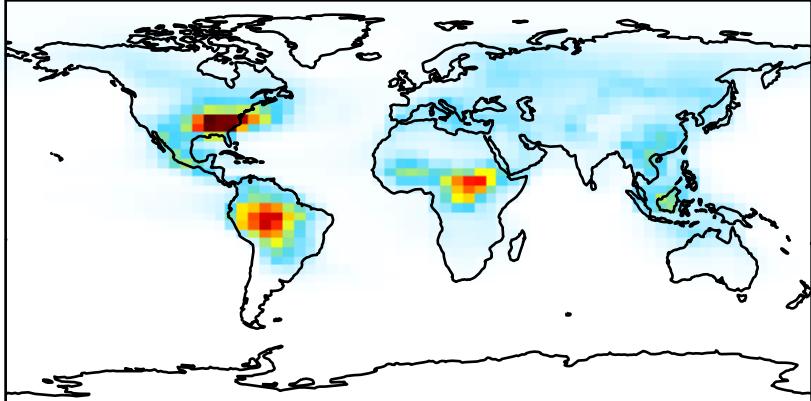


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

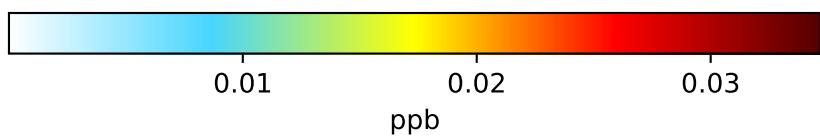
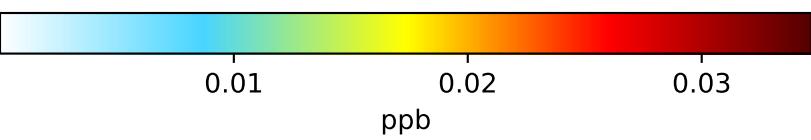
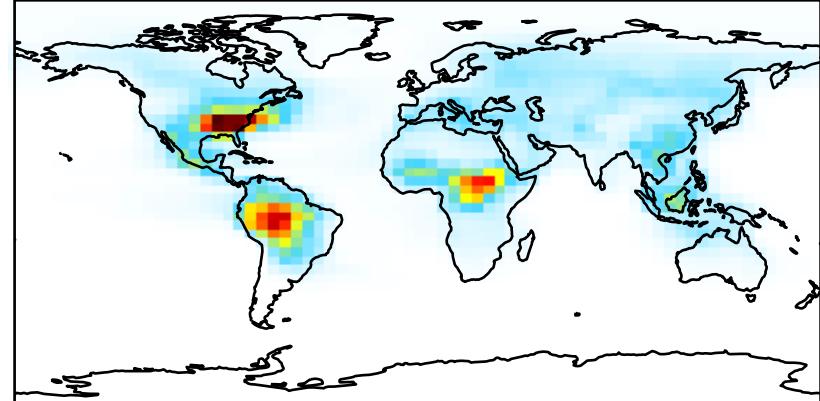


SpeciesConc_LVOCOA

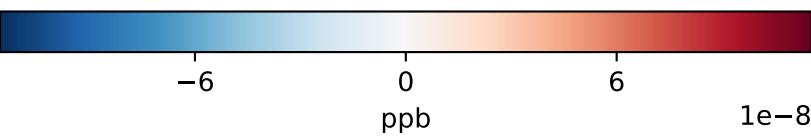
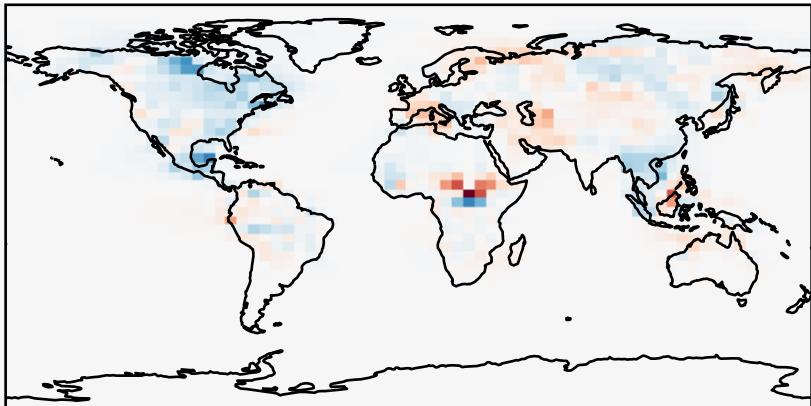
GC_12.7.0-rc.1 (Ref)
4x5



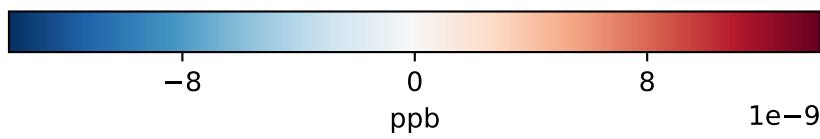
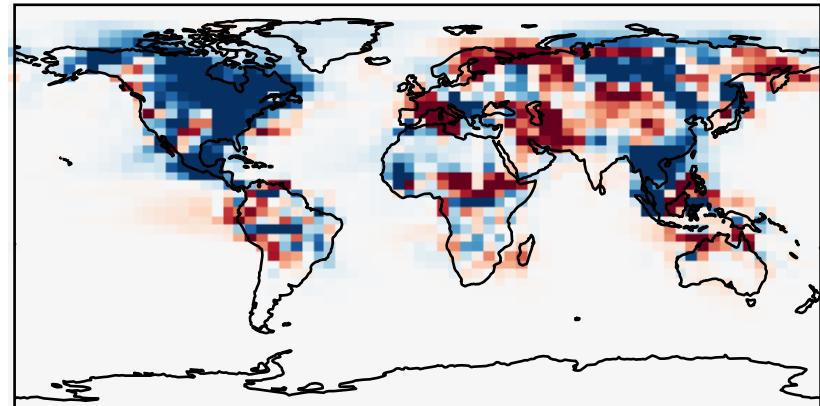
GC_12.7.0-rc.2 (Dev)
4x5



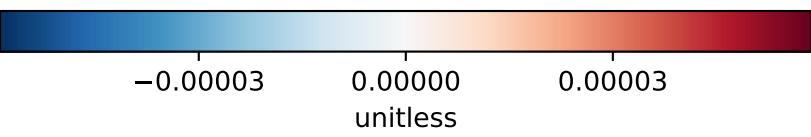
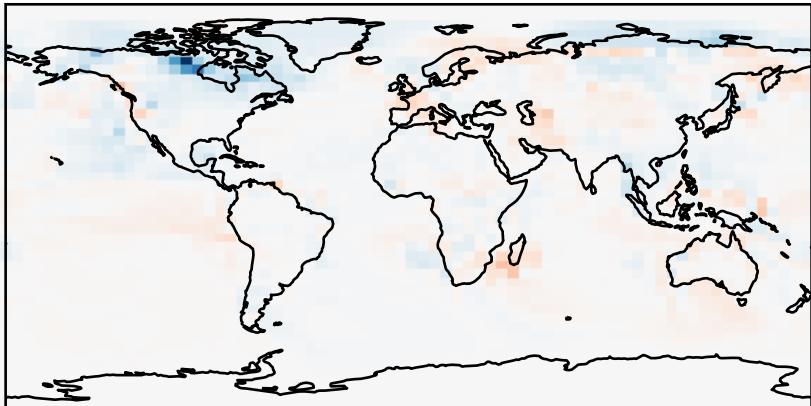
Difference
Dev - Ref, Dynamic Range



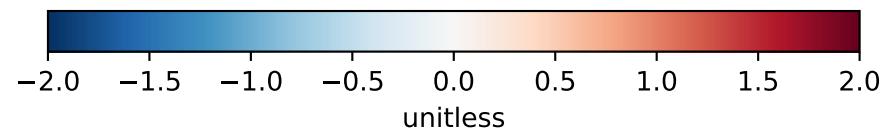
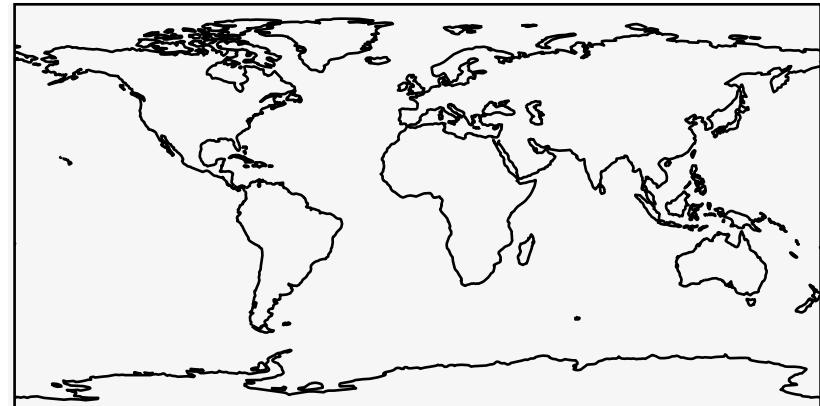
Difference
Dev - Ref, Restricted Range [5%,95%]



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

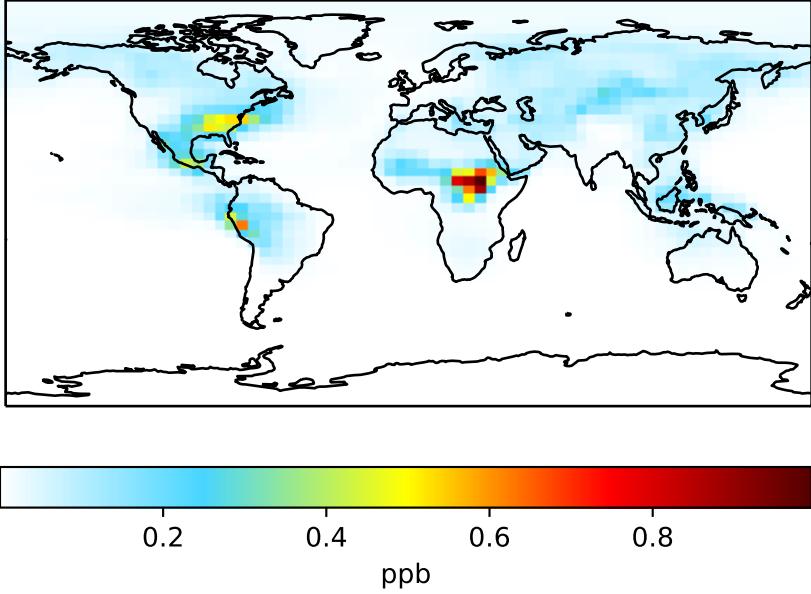


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

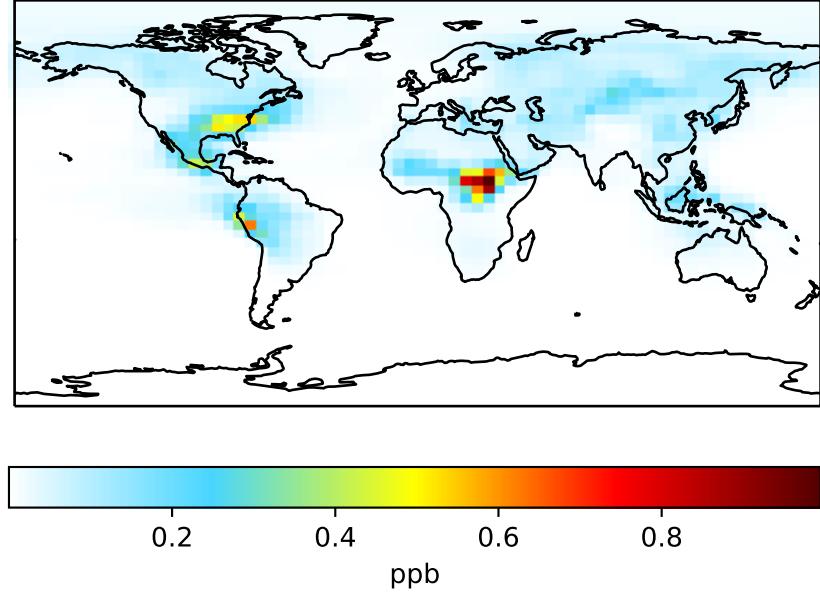


SpeciesConc_SOAIE

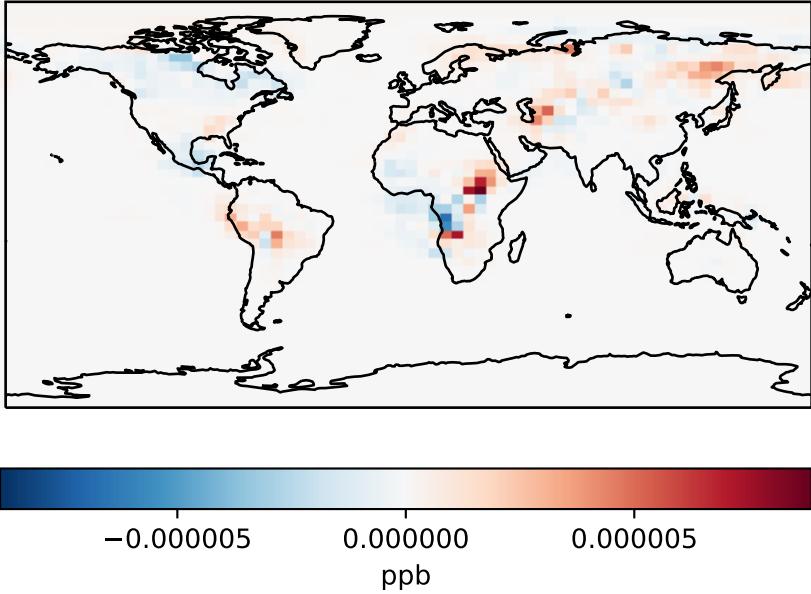
GC_12.7.0-rc.1 (Ref)
4x5



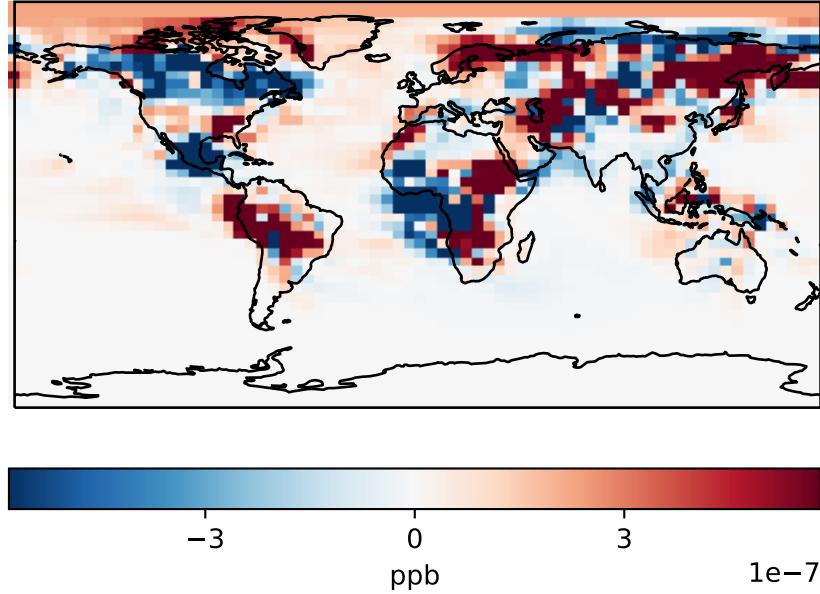
GC_12.7.0-rc.2 (Dev)
4x5



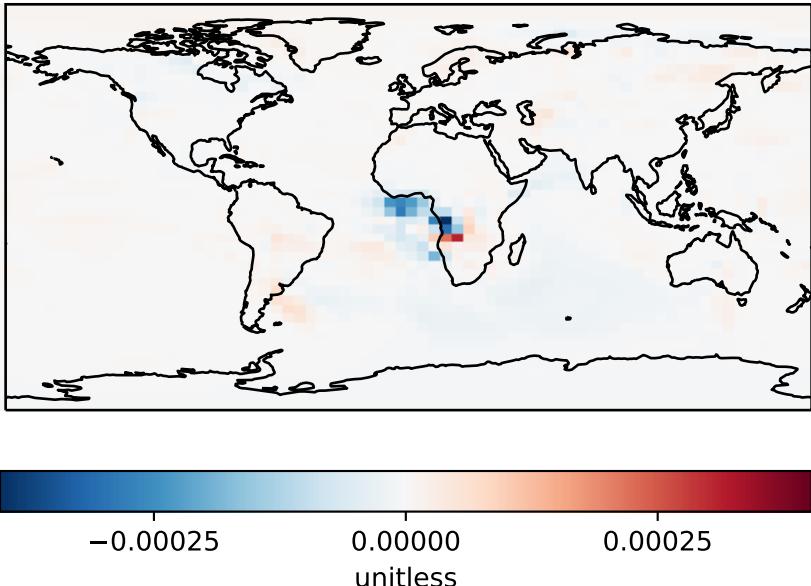
Difference
Dev - Ref, Dynamic Range



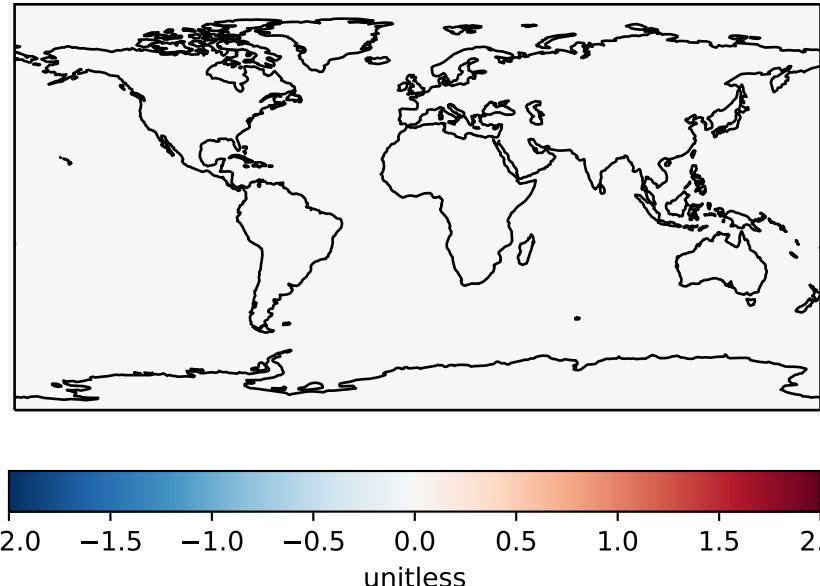
Difference
Dev - Ref, Restricted Range [5%,95%]



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

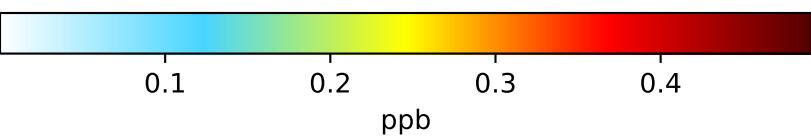
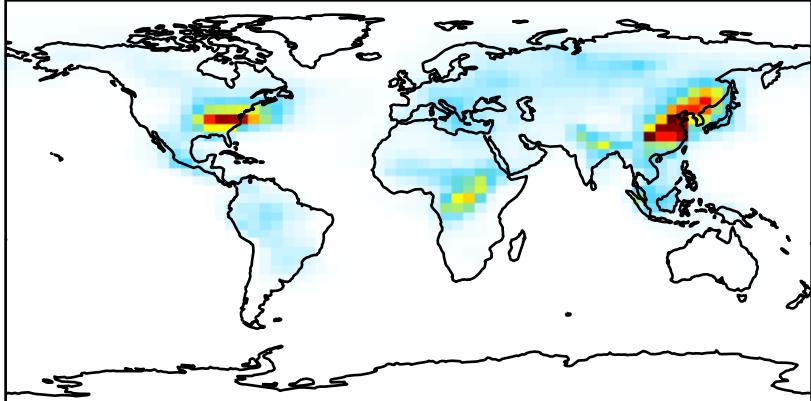


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

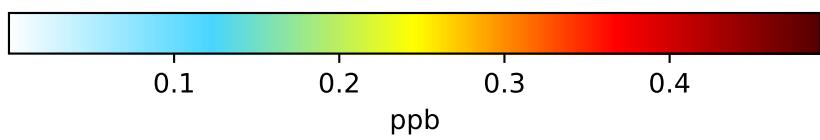
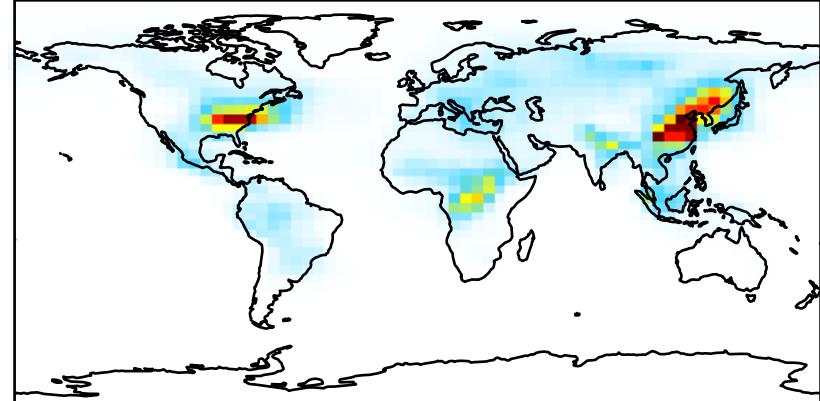


SpeciesConc_SOAGX

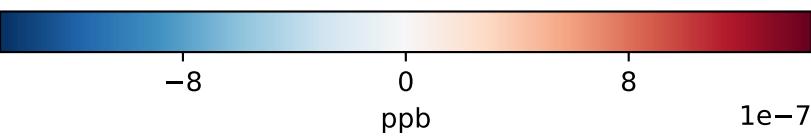
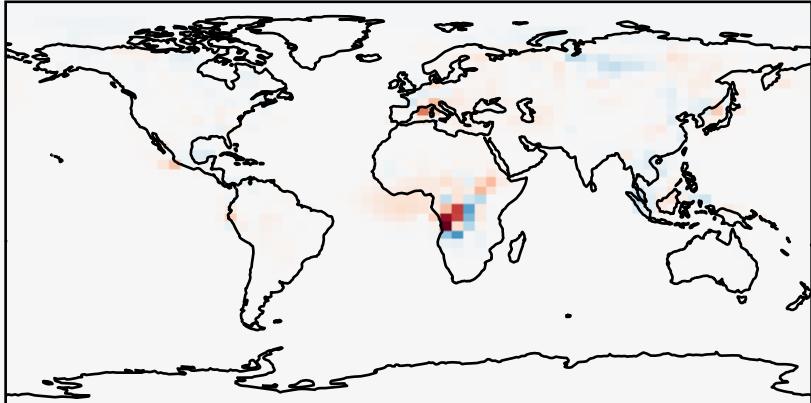
GC_12.7.0-rc.1 (Ref)
4x5



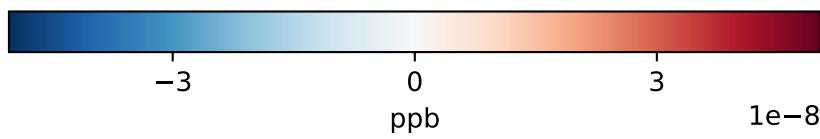
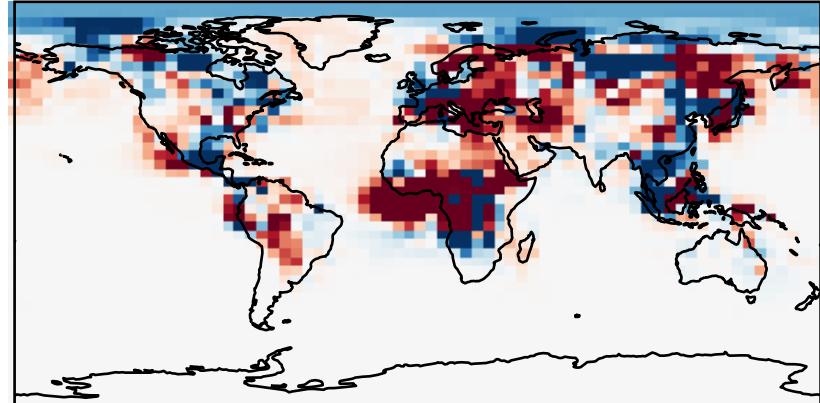
GC_12.7.0-rc.2 (Dev)
4x5



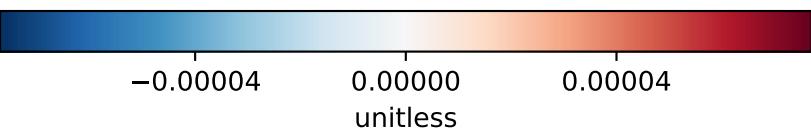
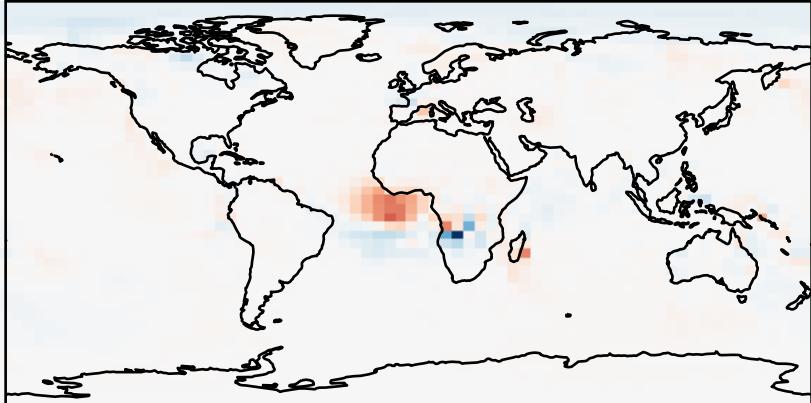
Difference
Dev - Ref, Dynamic Range



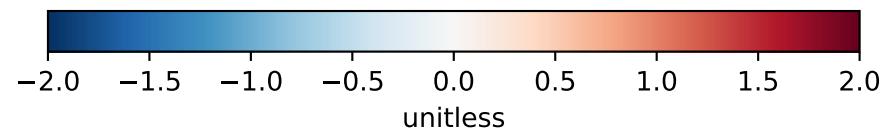
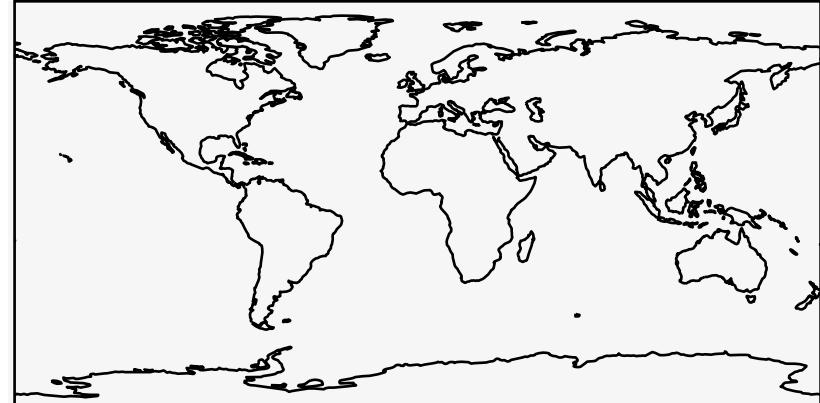
Difference
Dev - Ref, Restricted Range [5%,95%]



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

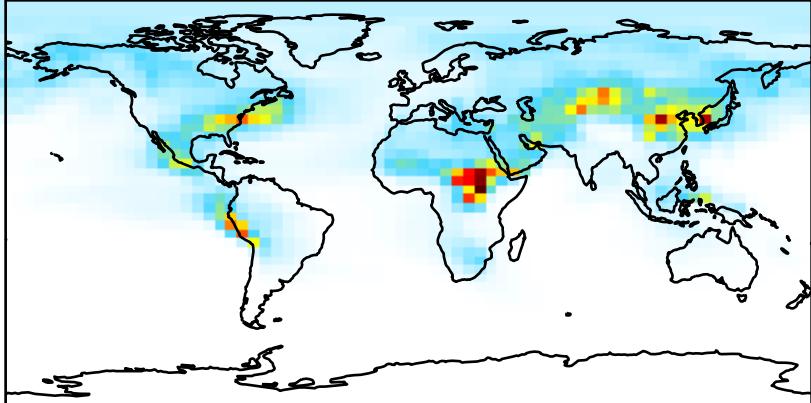


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

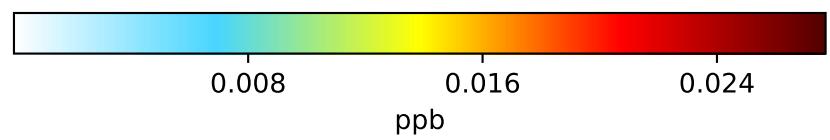
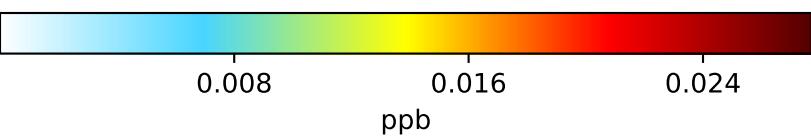
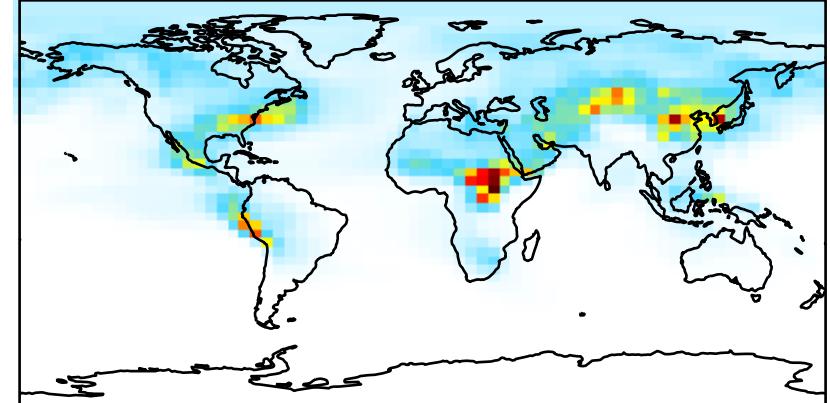


SpeciesConc_SOAME

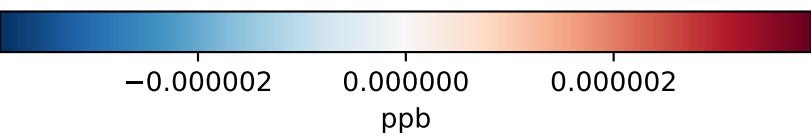
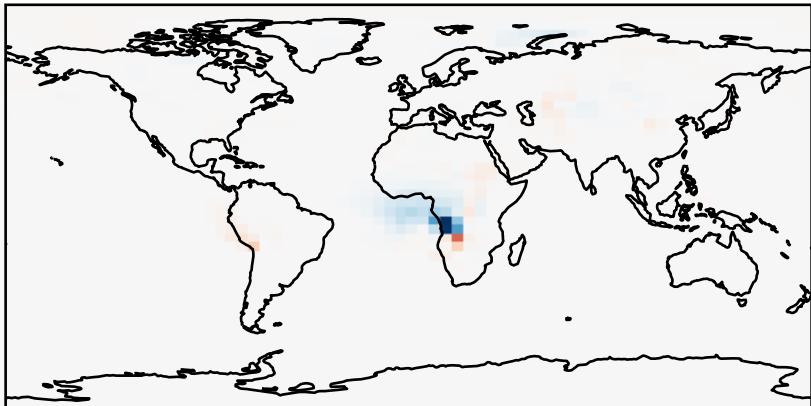
GC_12.7.0-rc.1 (Ref)
4x5



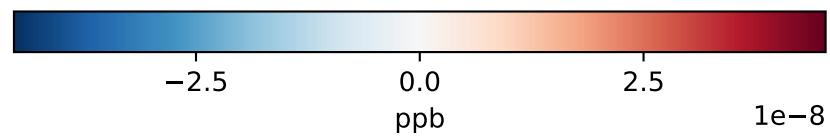
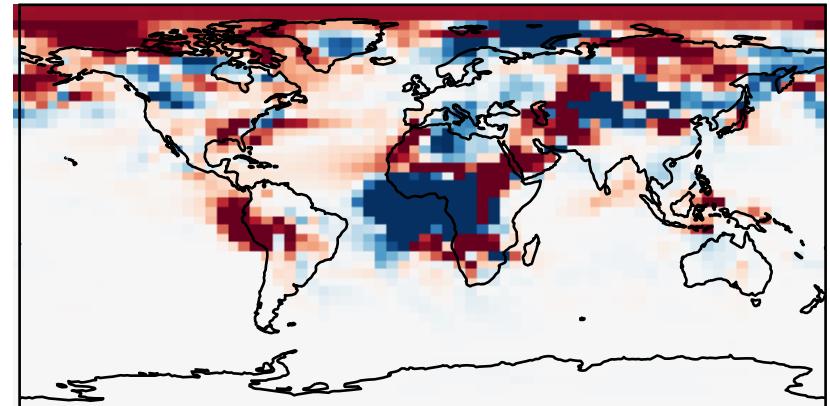
GC_12.7.0-rc.2 (Dev)
4x5



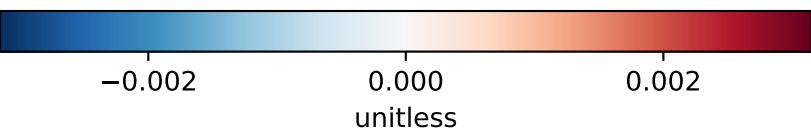
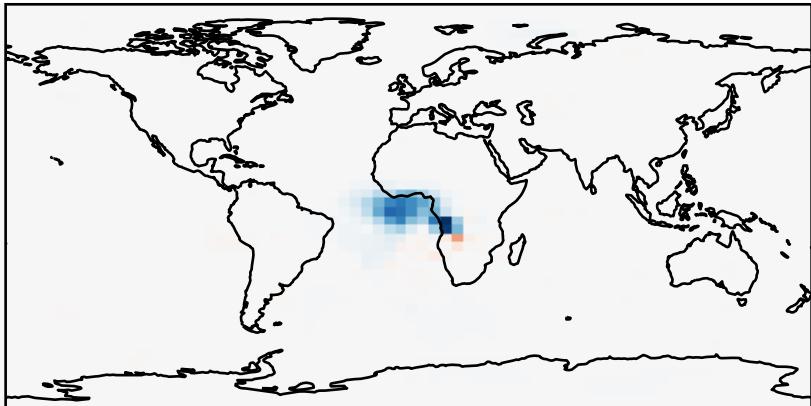
Difference
Dev - Ref, Dynamic Range



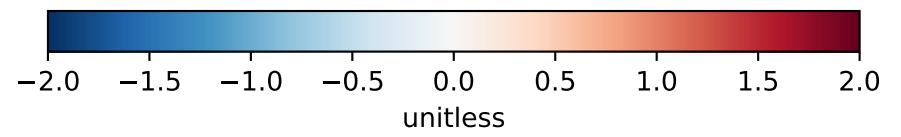
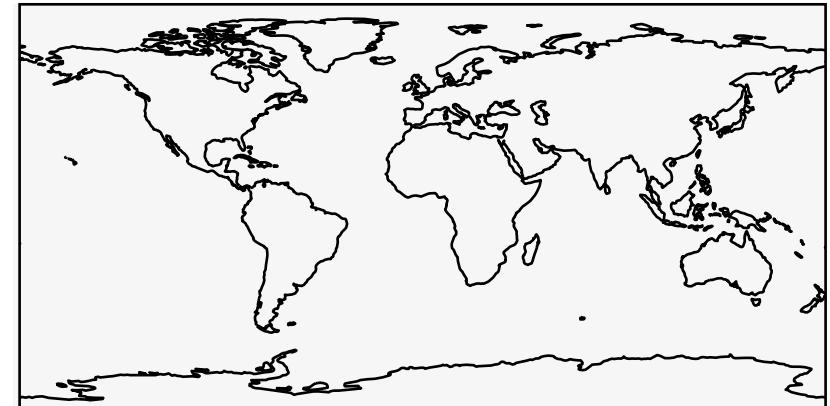
Difference
Dev - Ref, Restricted Range [5%,95%]



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

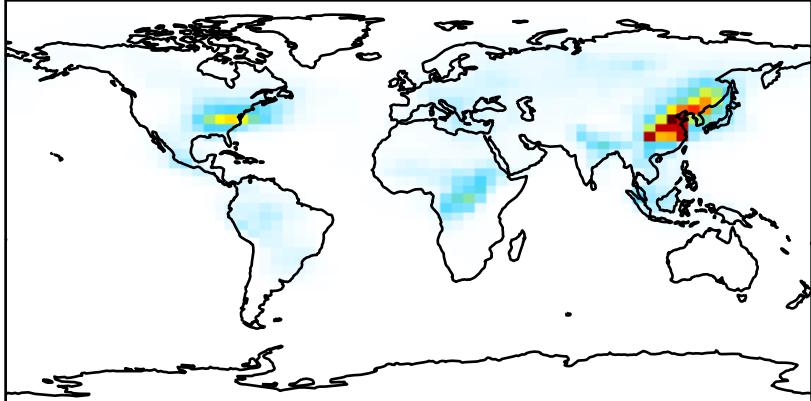


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

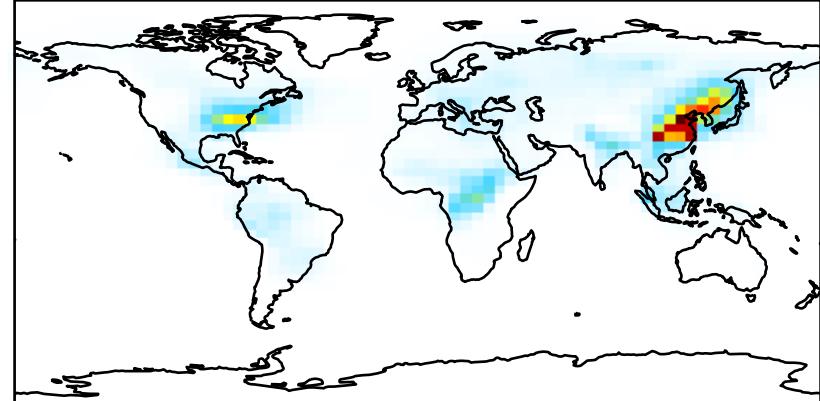


SpeciesConc_SOAMG

GC_12.7.0-rc.1 (Ref)
4x5



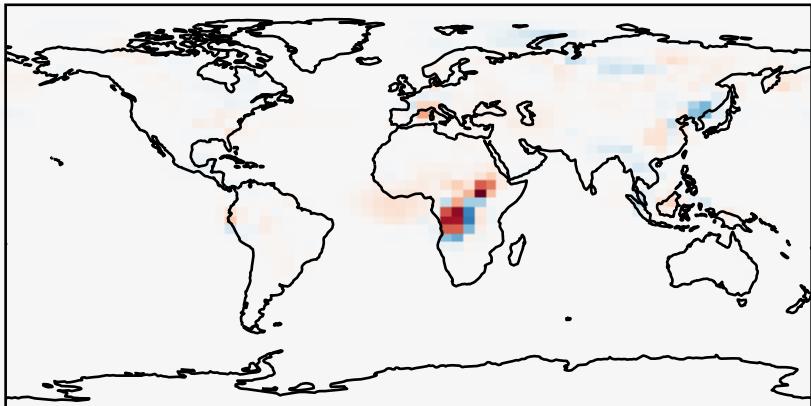
GC_12.7.0-rc.2 (Dev)
4x5



0.00015 0.00030
ppb

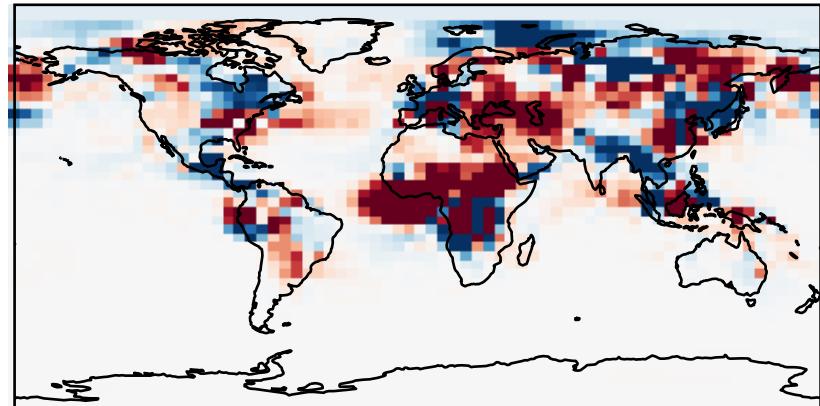
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ppb

Difference
Dev - Ref, Dynamic Range



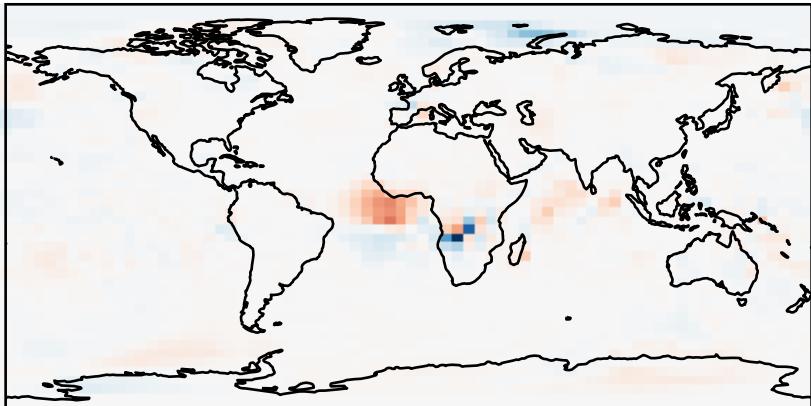
-4 0 4 1e-10
ppb

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



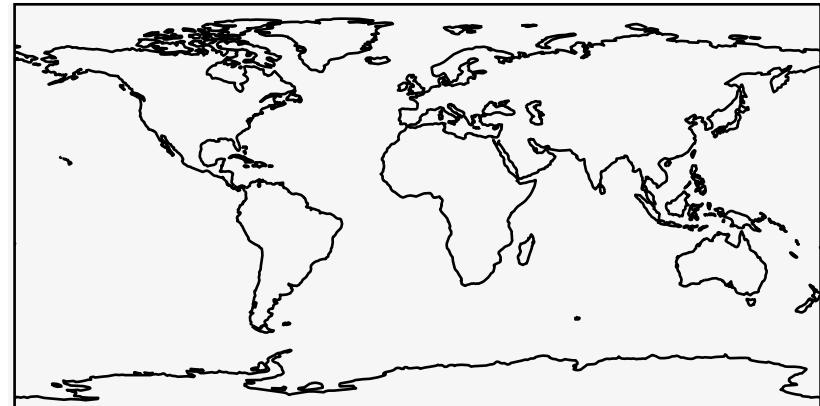
-1.5 0.0 1.5 1e-11
ppb

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



-0.00004 0.00000 0.00004
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