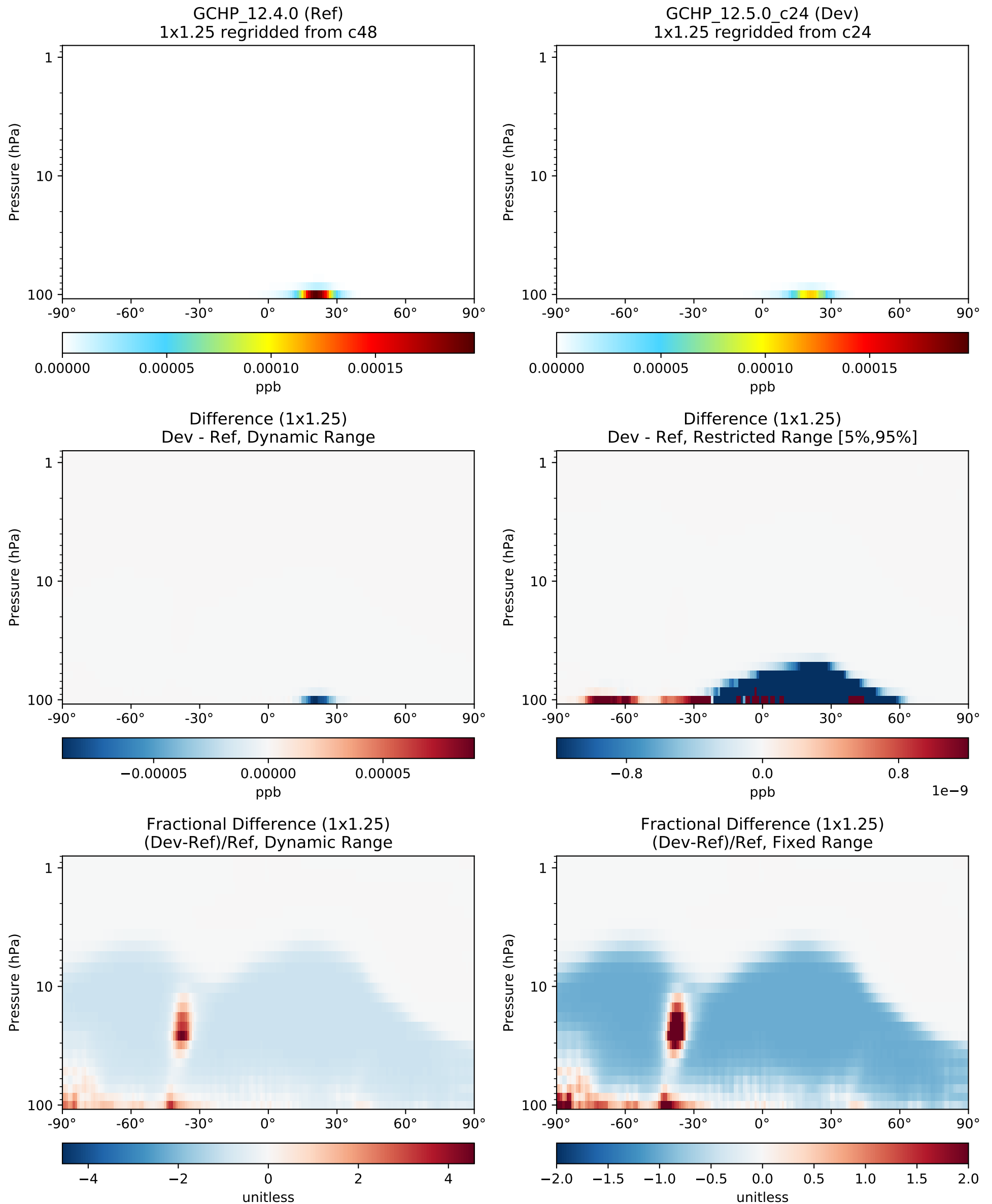
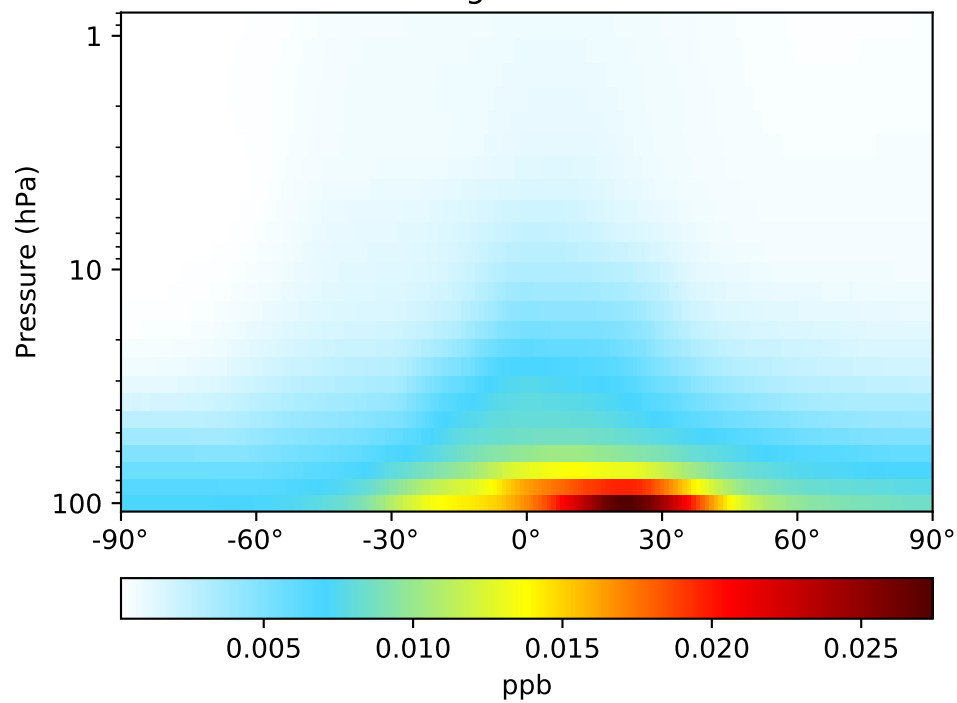


# SpeciesConc\_SOAP, Zonal Mean

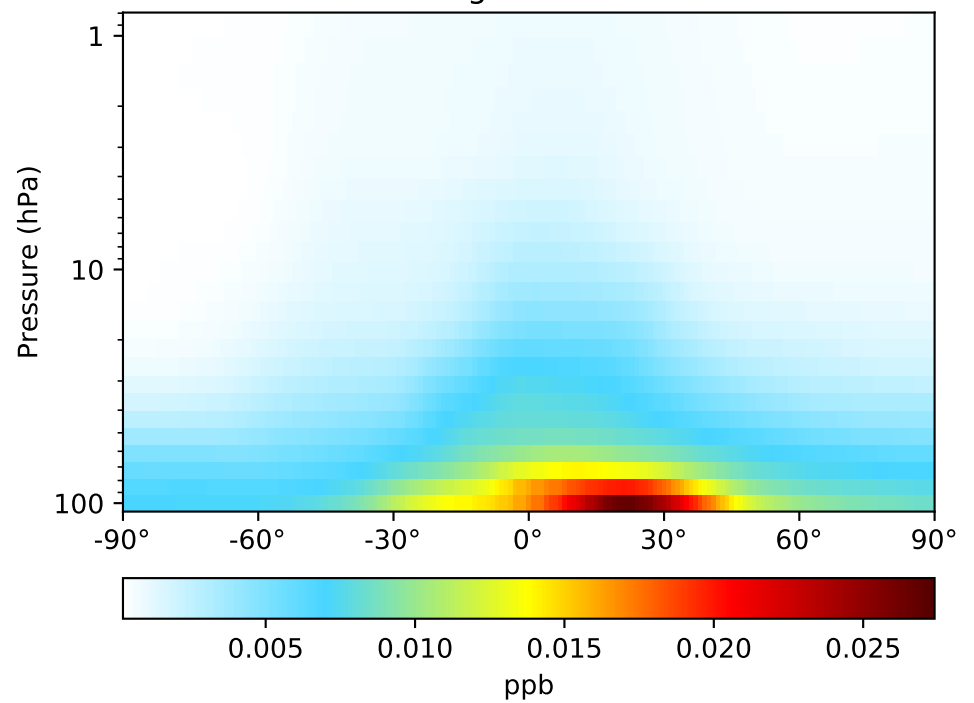


# SpeciesConc\_SOAS, Zonal Mean

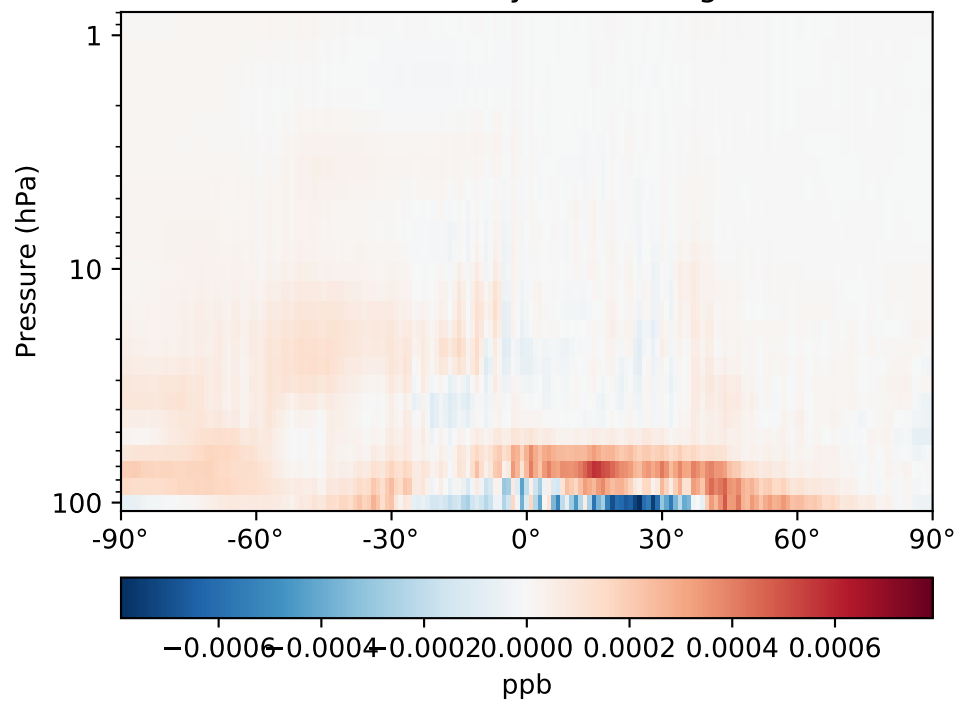
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



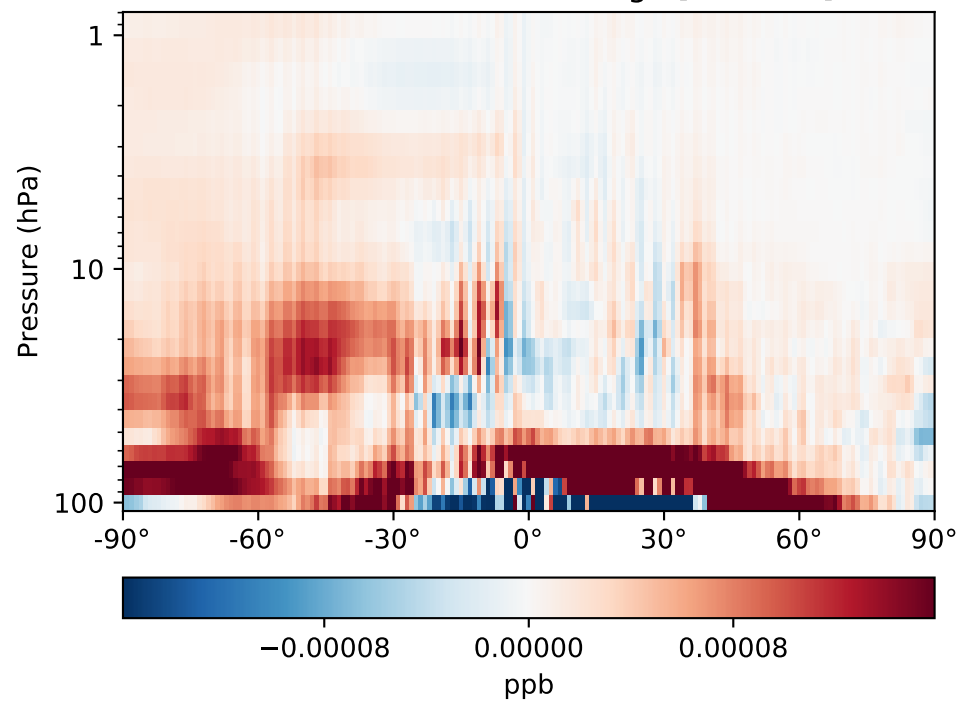
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



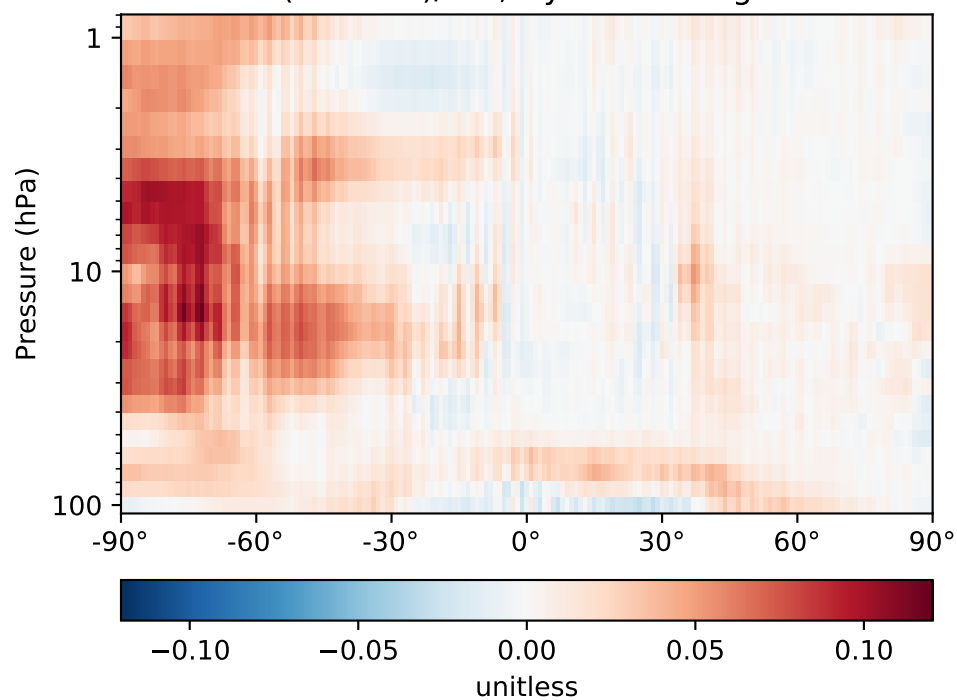
Difference (1x1.25)  
Dev - Ref, Dynamic Range



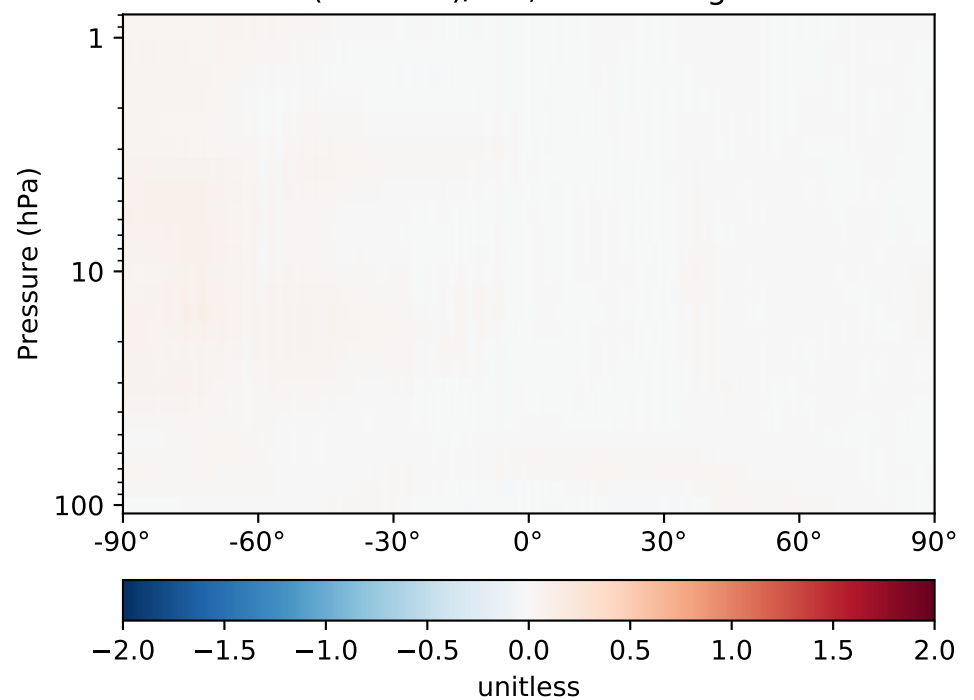
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range

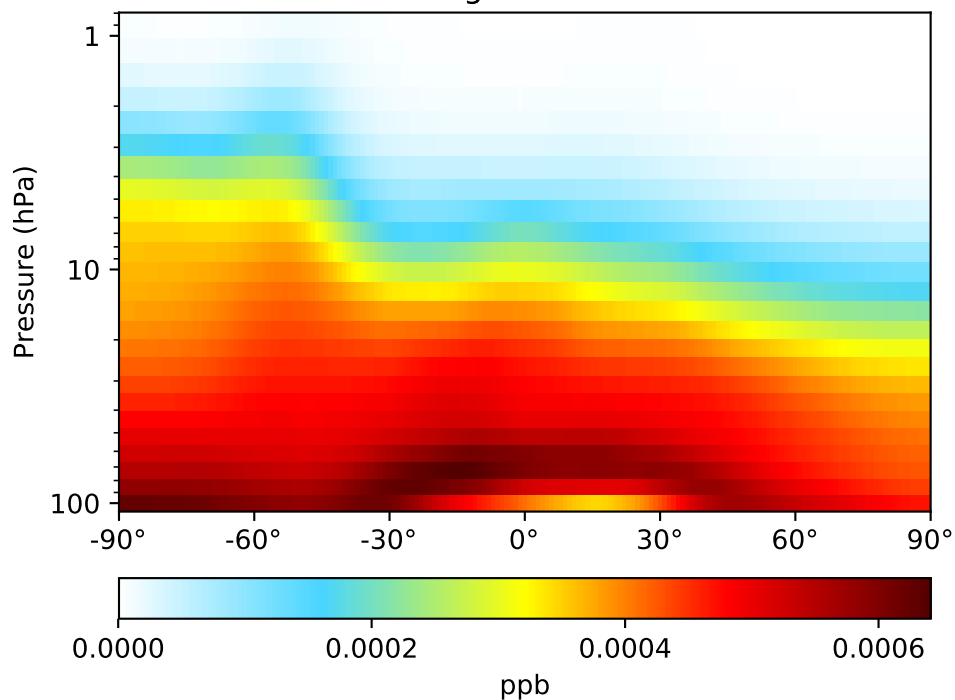


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

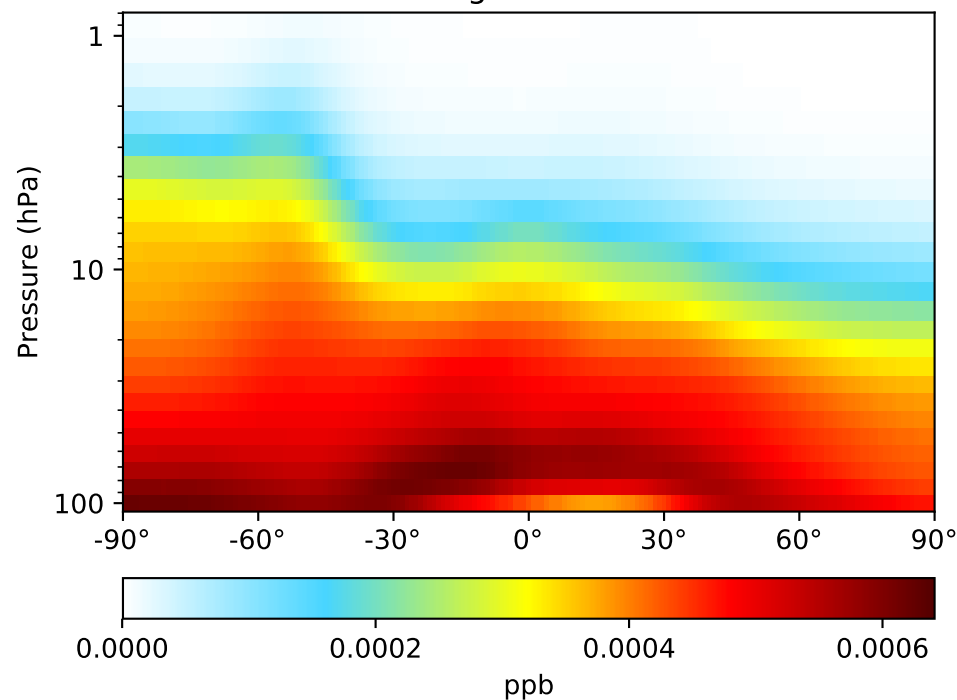


# SpeciesConc\_TSOA0, Zonal Mean

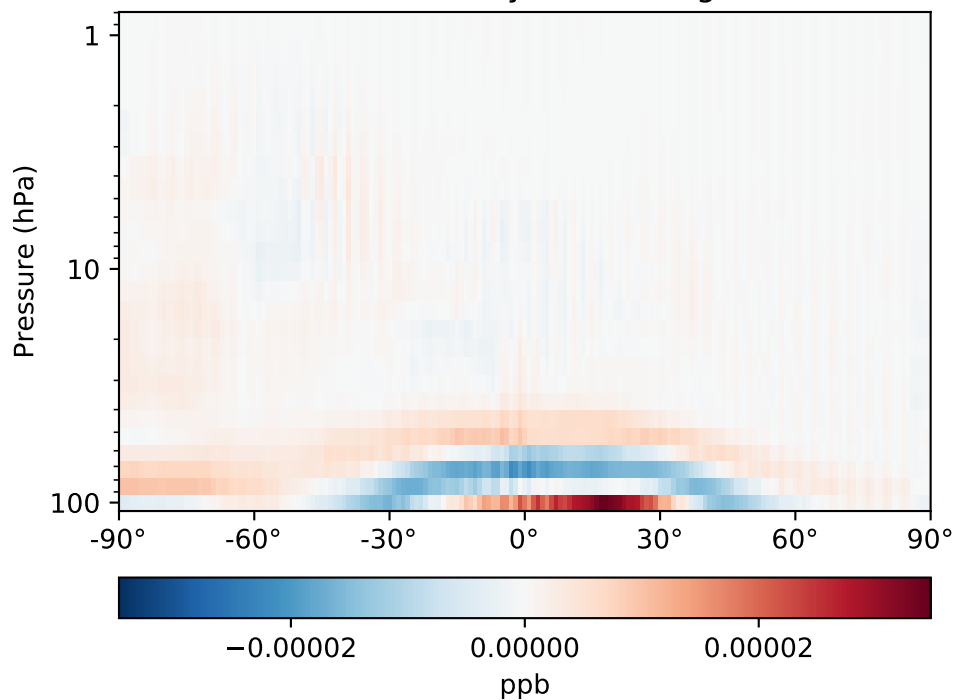
GCHP\_12.4.0 (Ref)  
1x1.25 regridded from c48



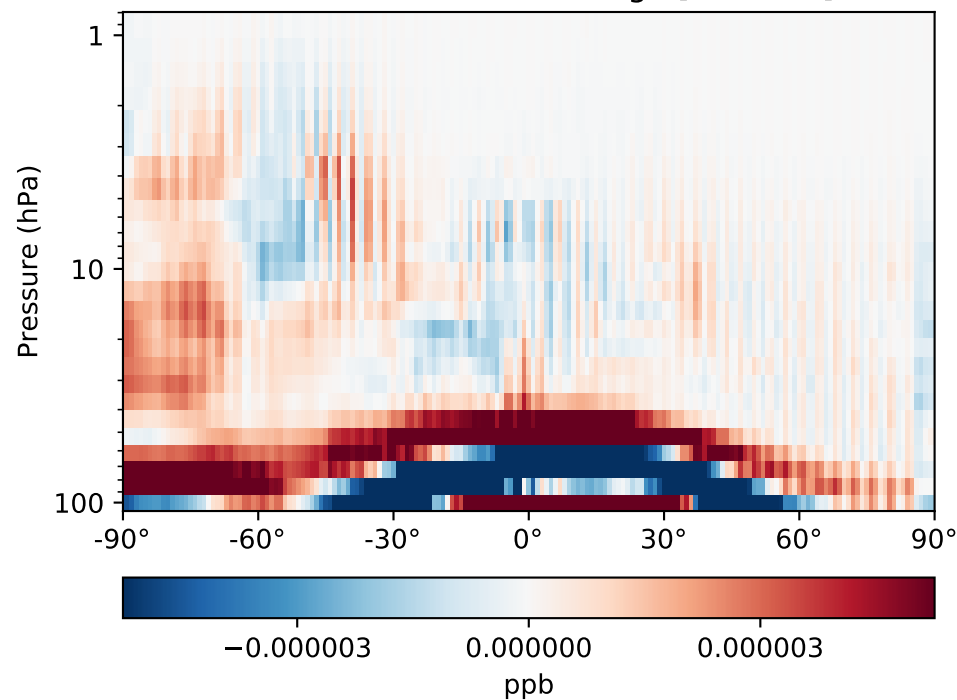
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regridded from c24



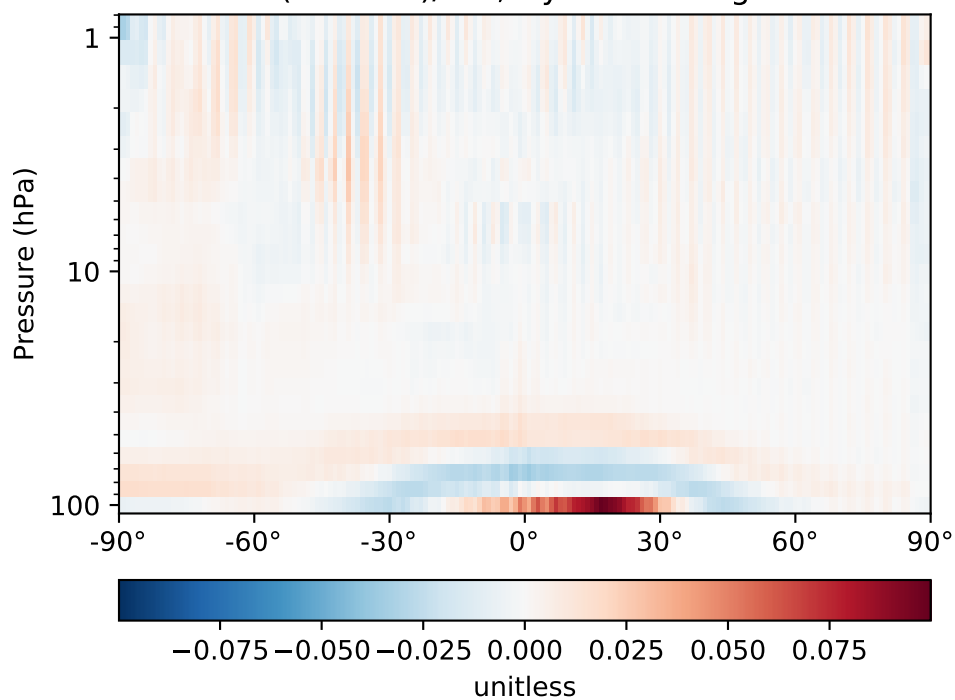
Difference (1x1.25)  
Dev - Ref, Dynamic Range



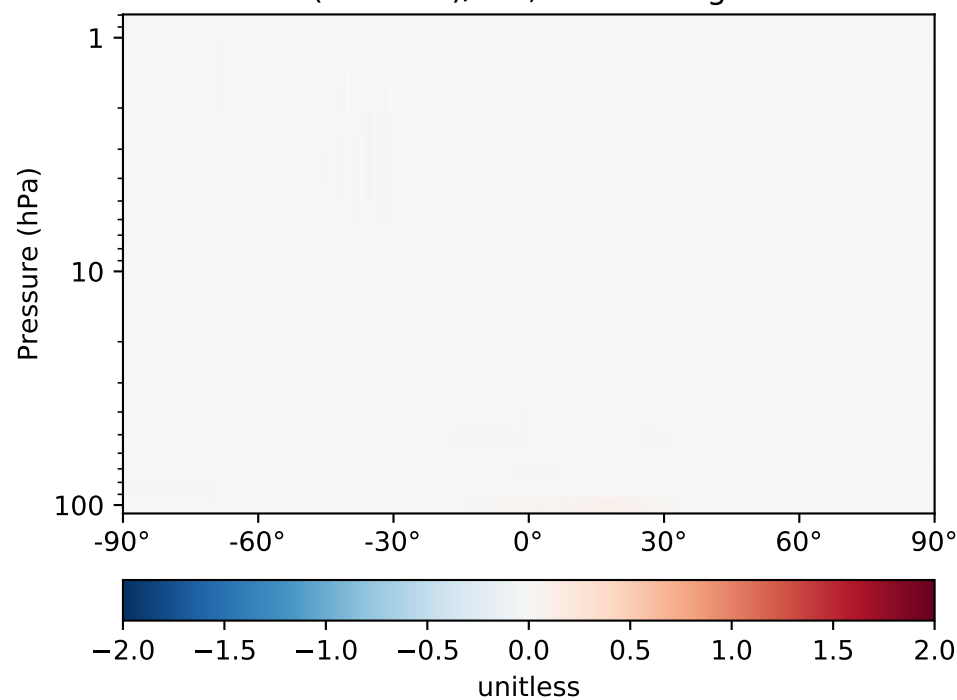
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range

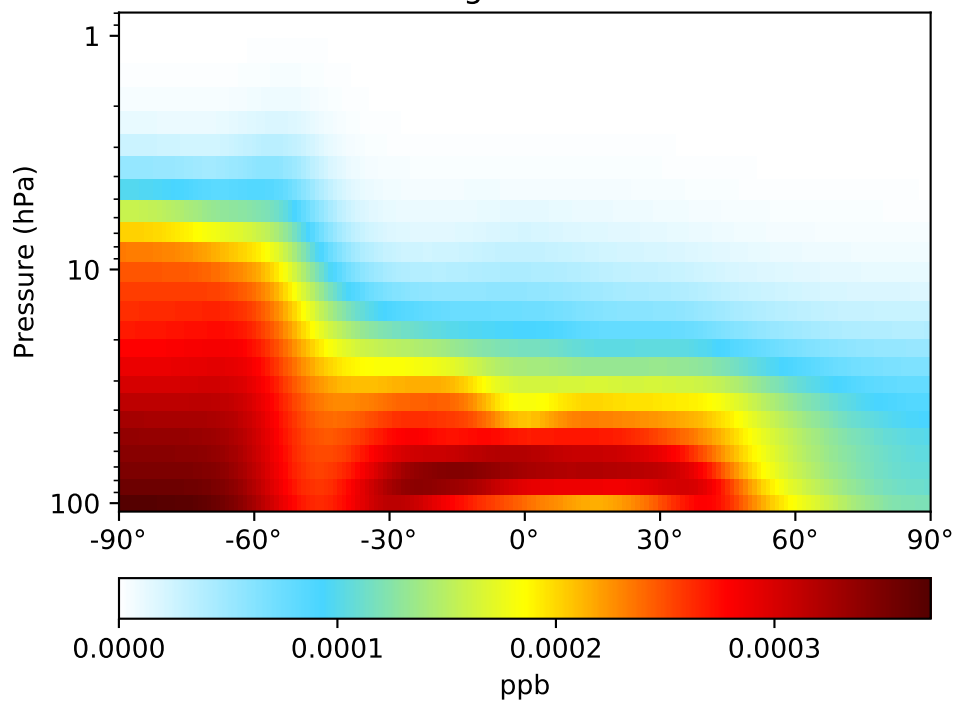


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

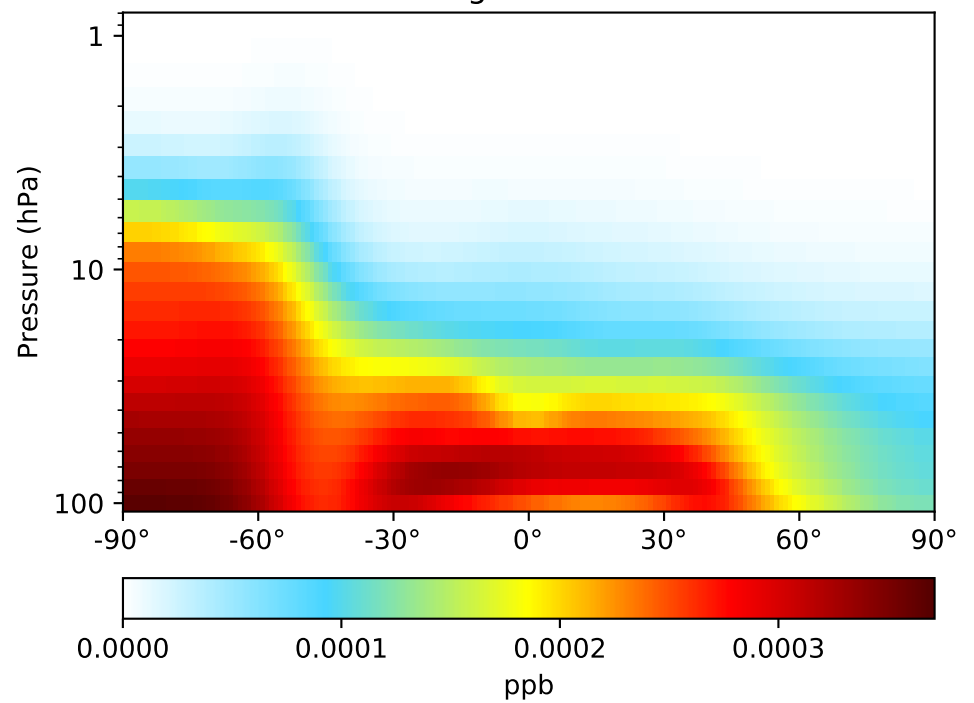


# SpeciesConc\_TSOA1, Zonal Mean

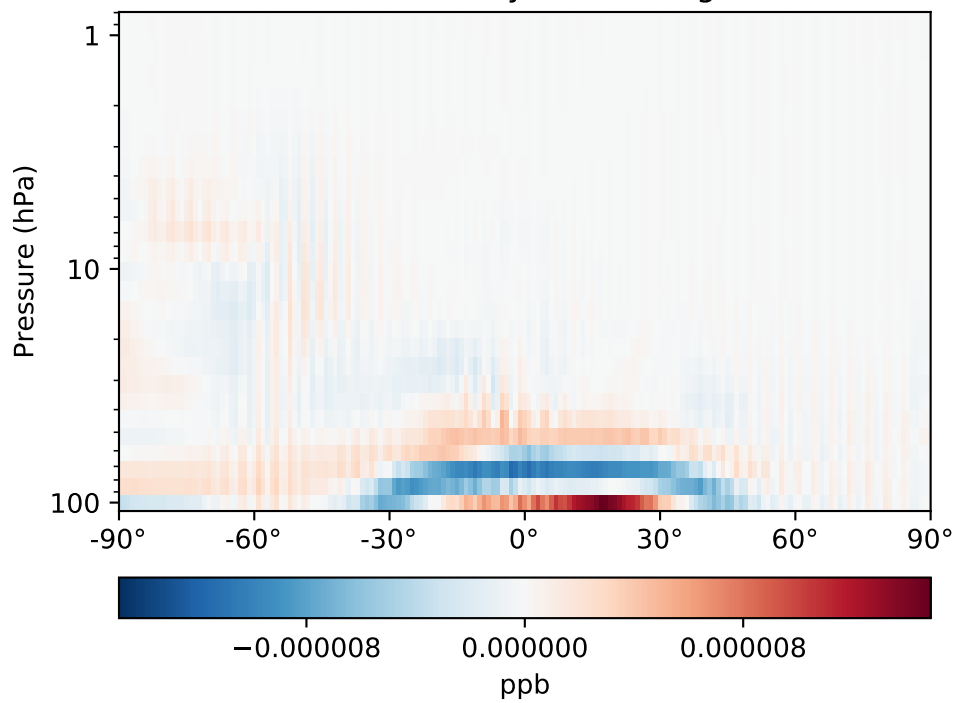
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



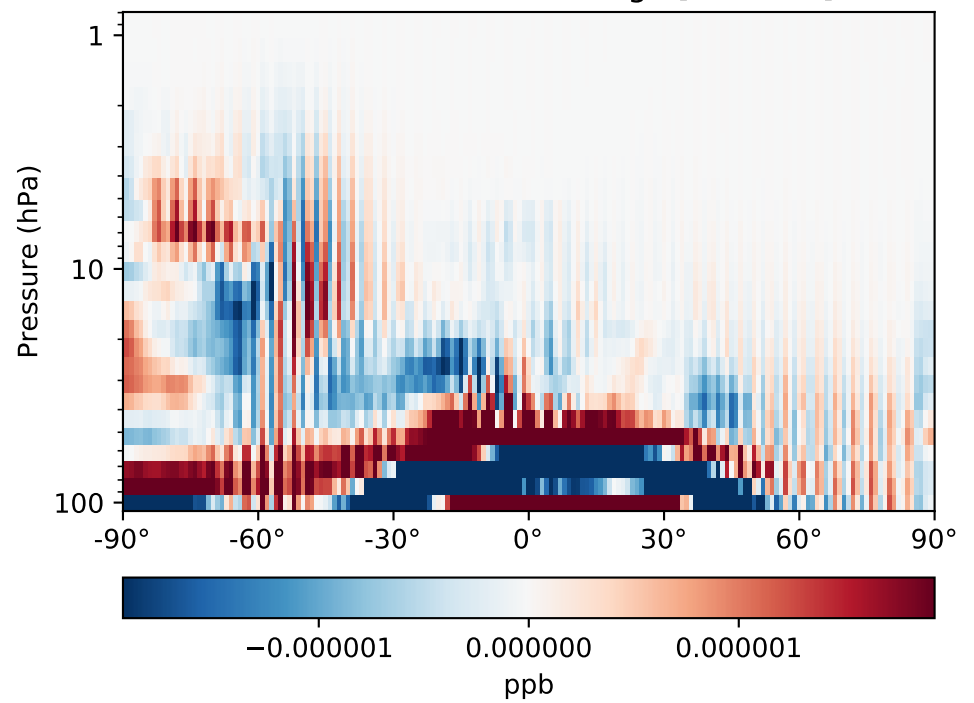
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



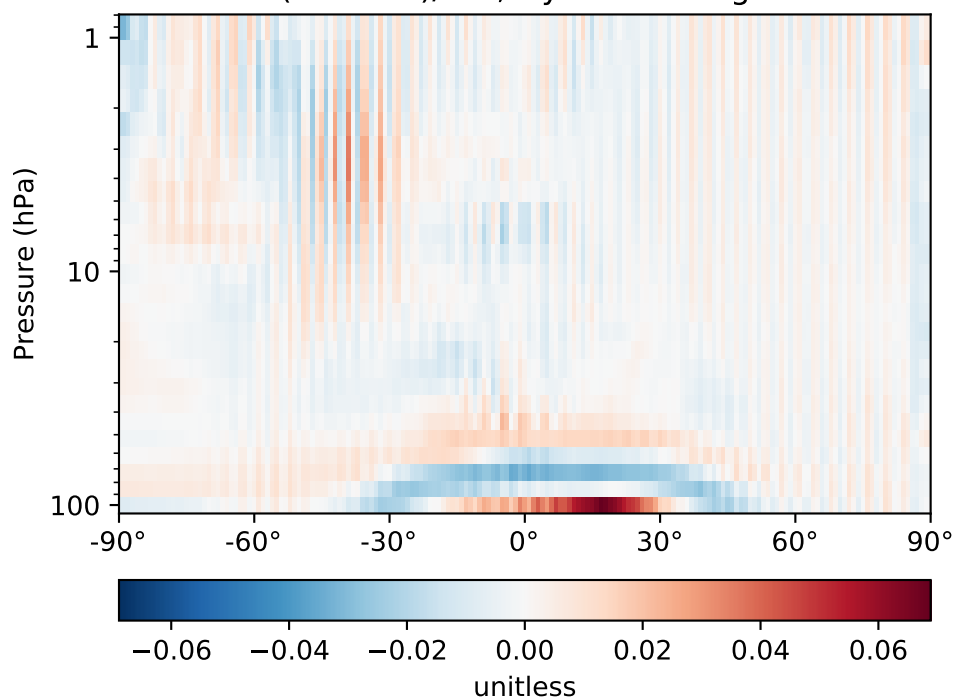
Difference (1x1.25)  
Dev - Ref, Dynamic Range



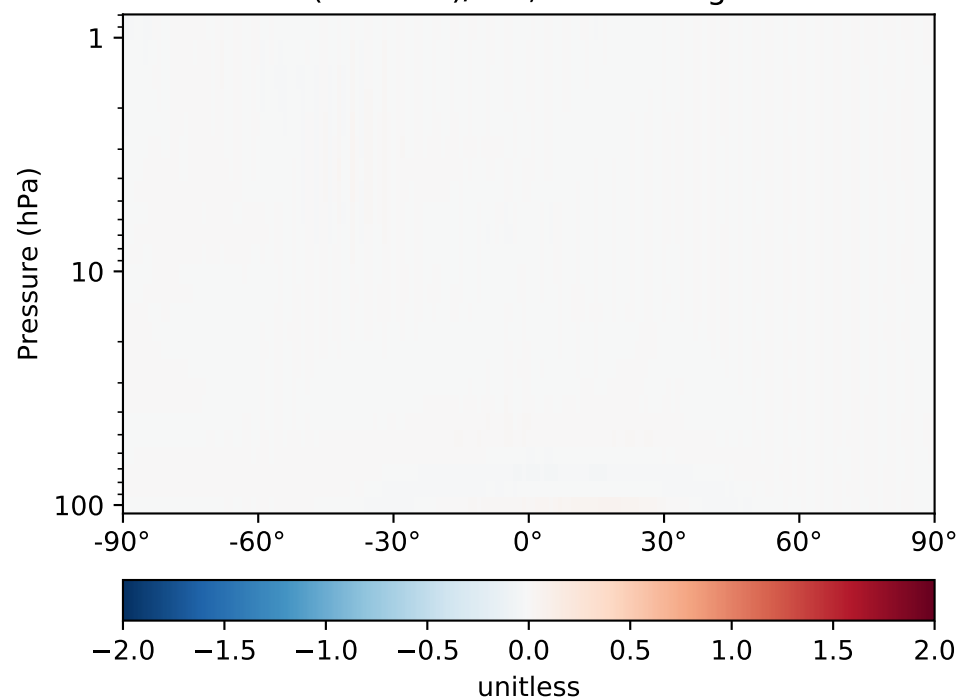
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range

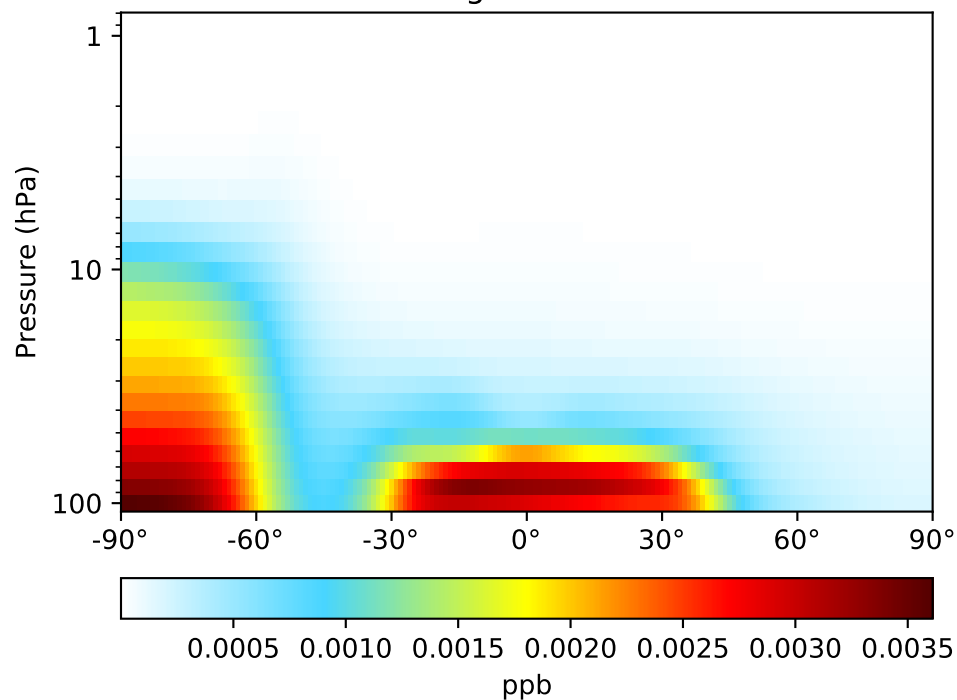


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

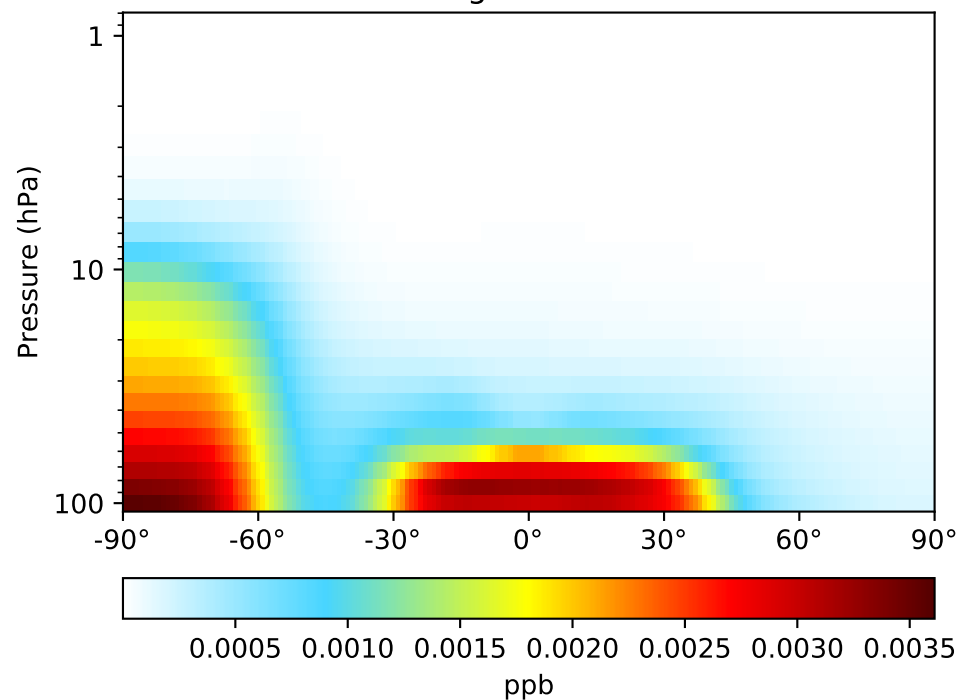


# SpeciesConc\_TSOA2, Zonal Mean

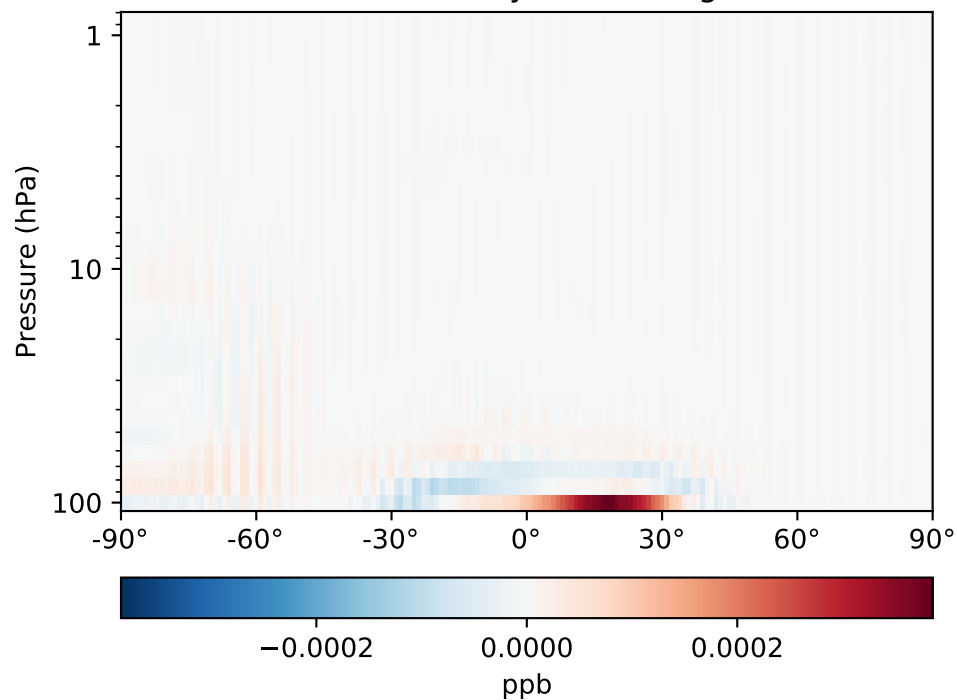
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



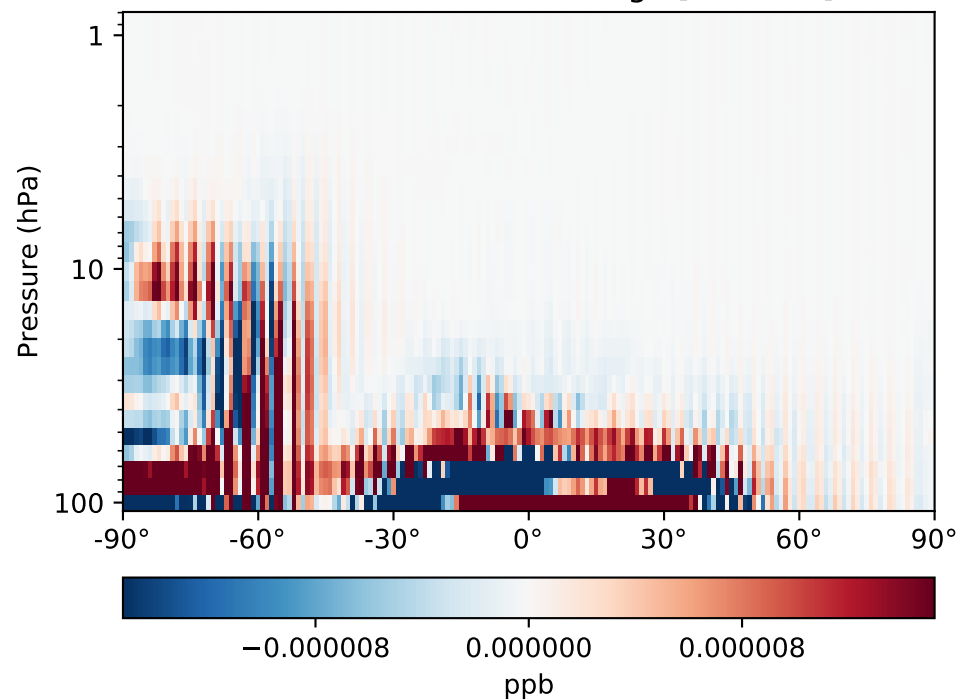
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



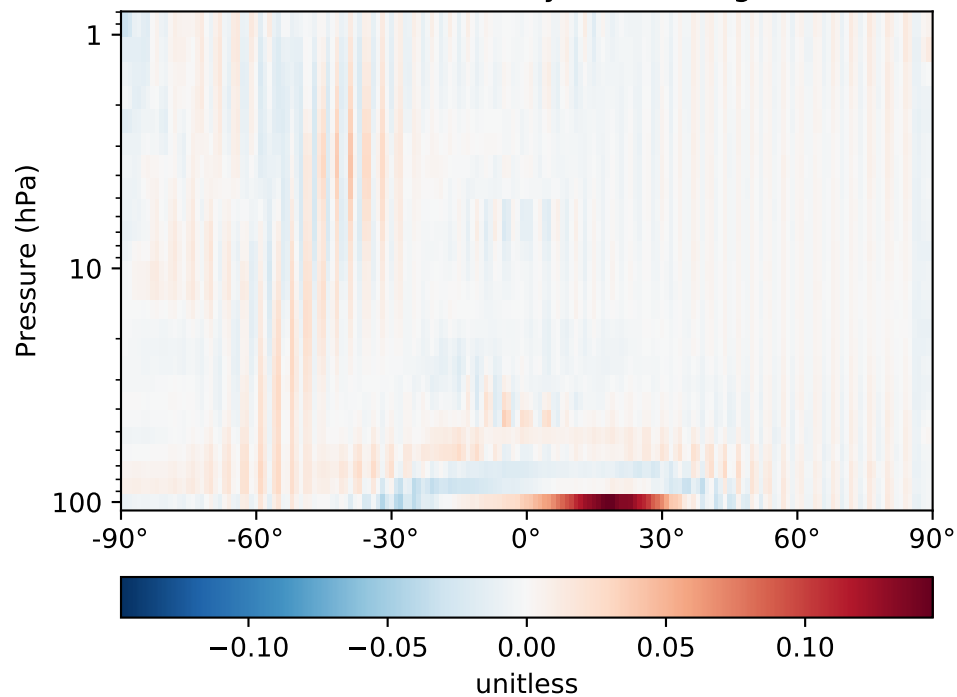
Difference (1x1.25)  
Dev - Ref, Dynamic Range



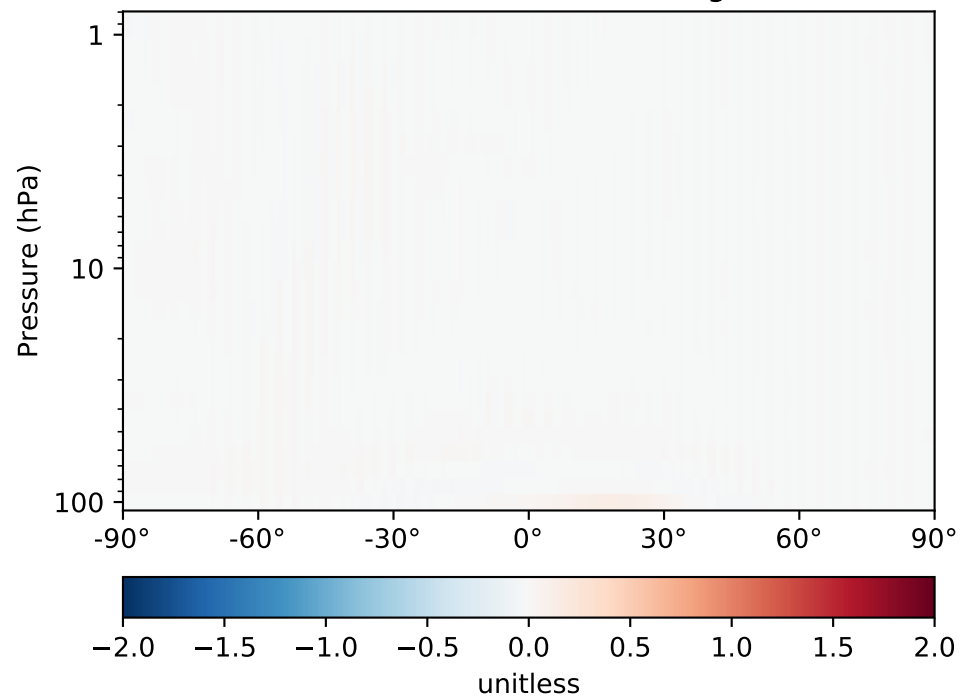
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



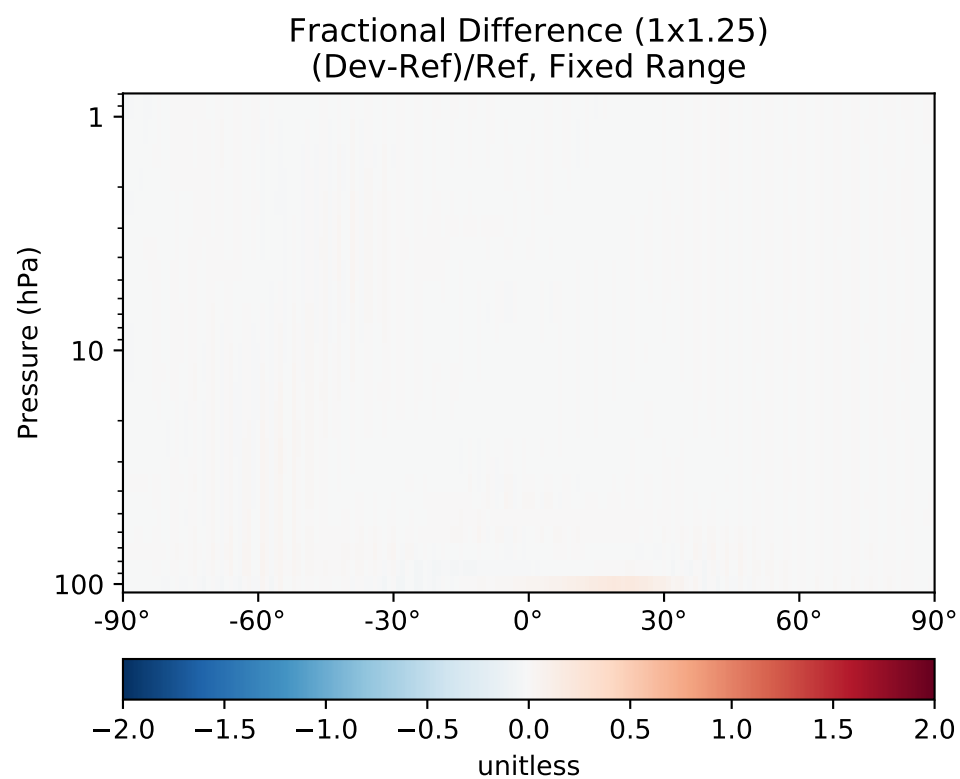
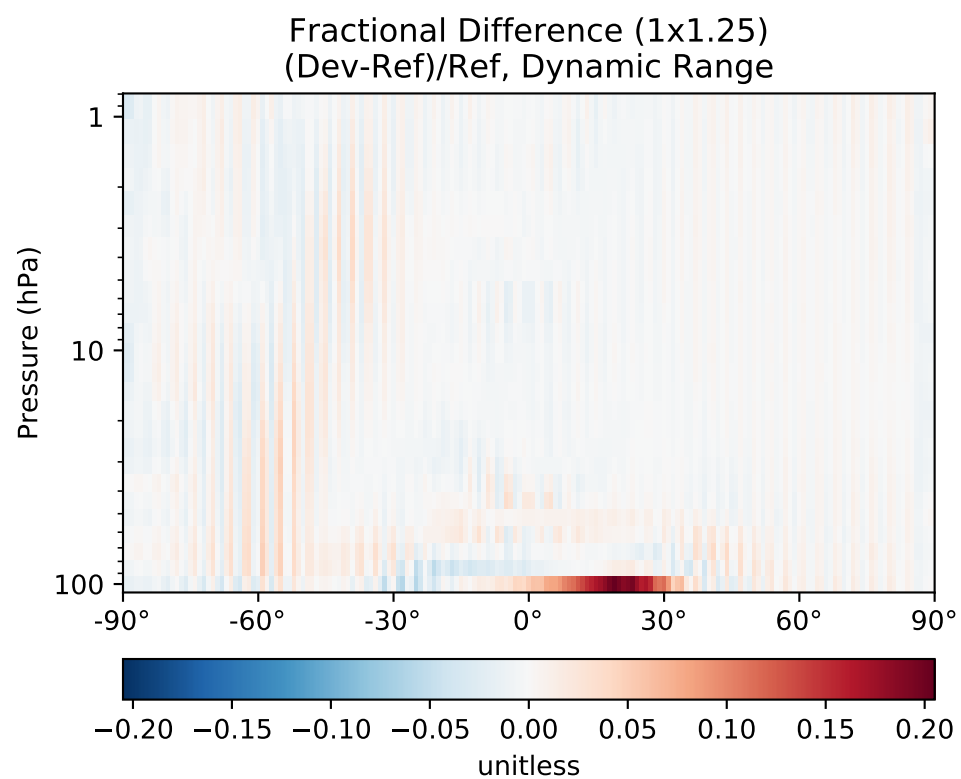
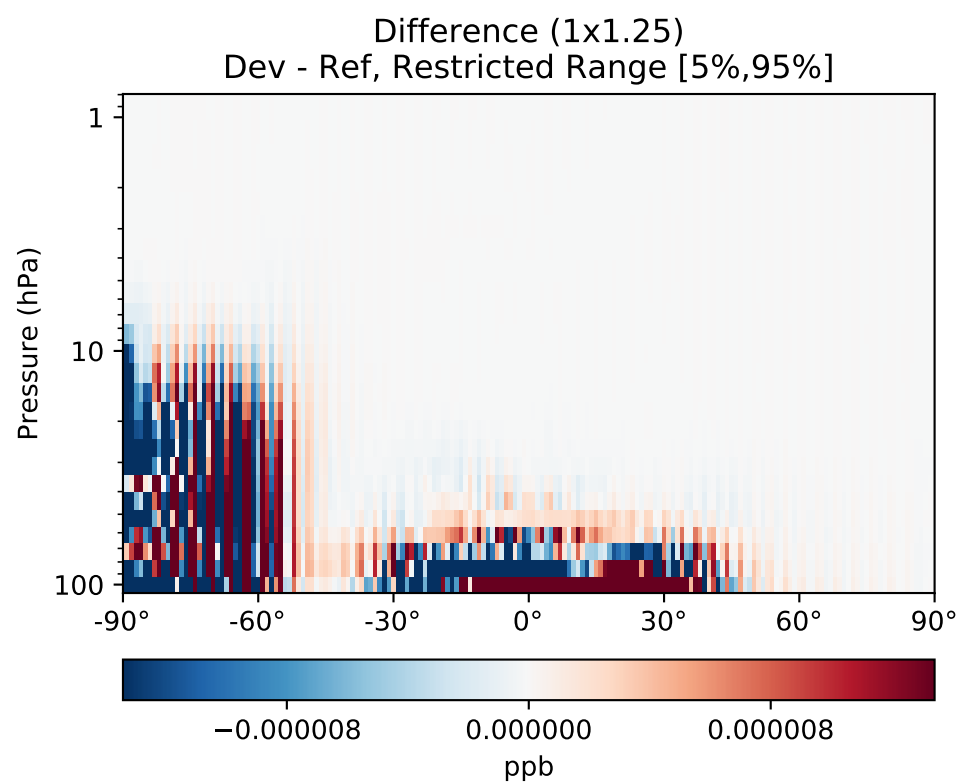
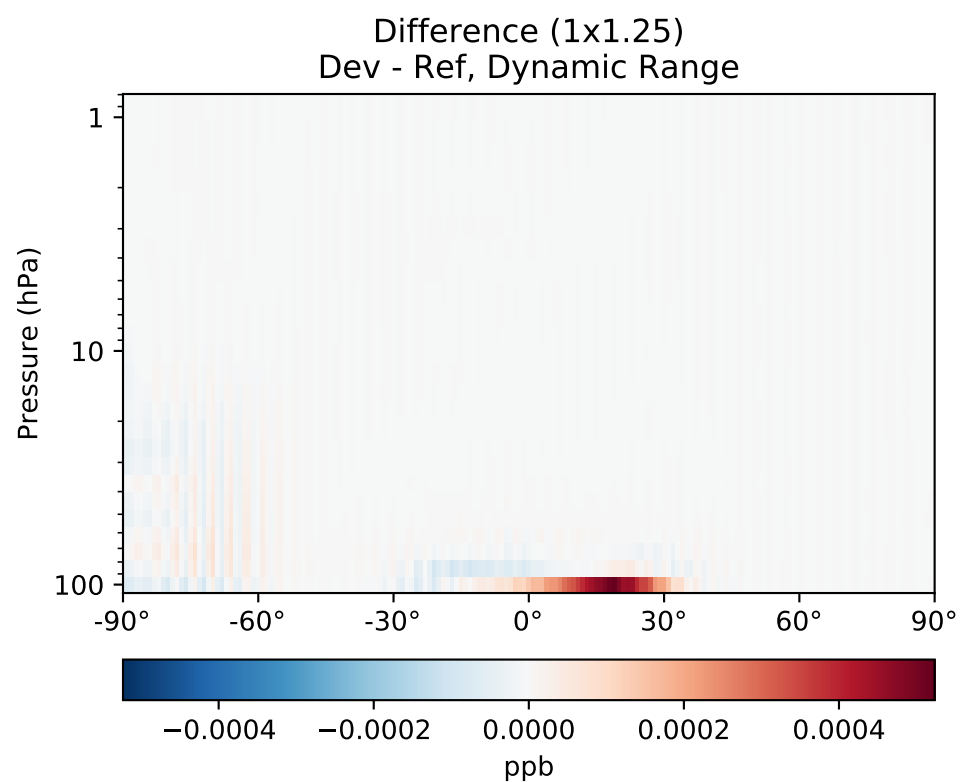
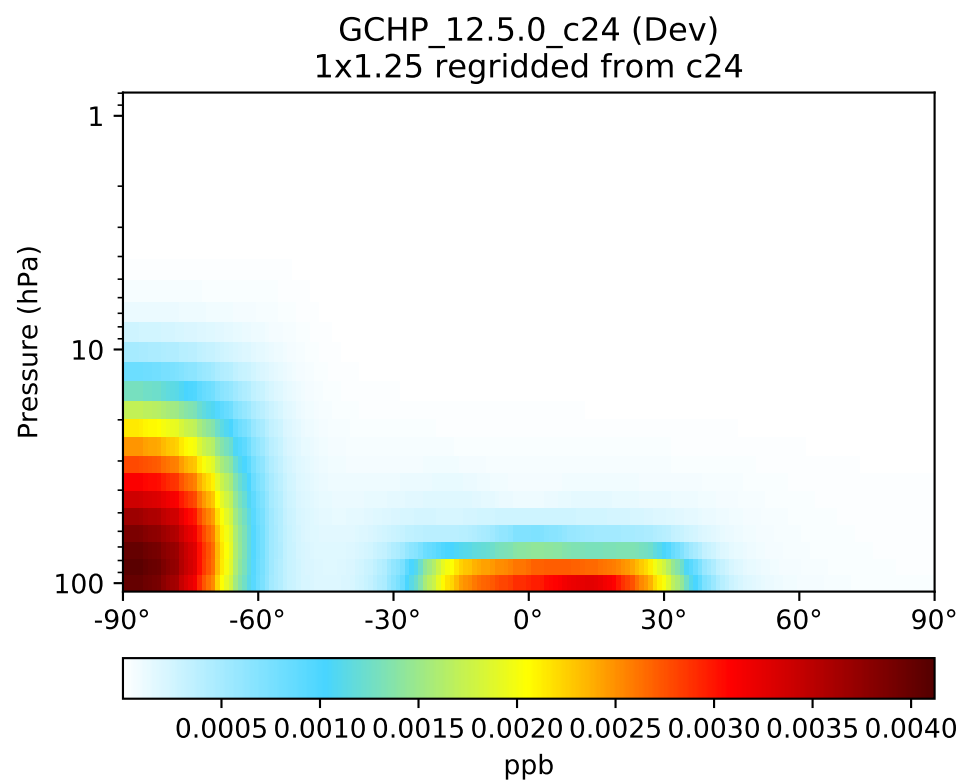
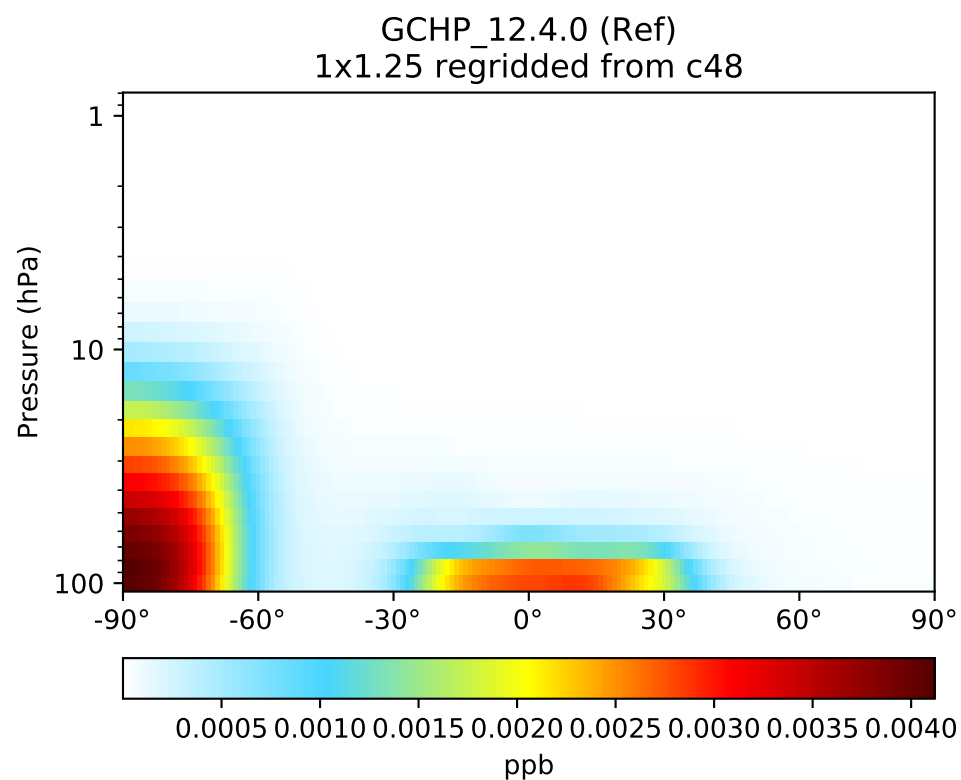
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

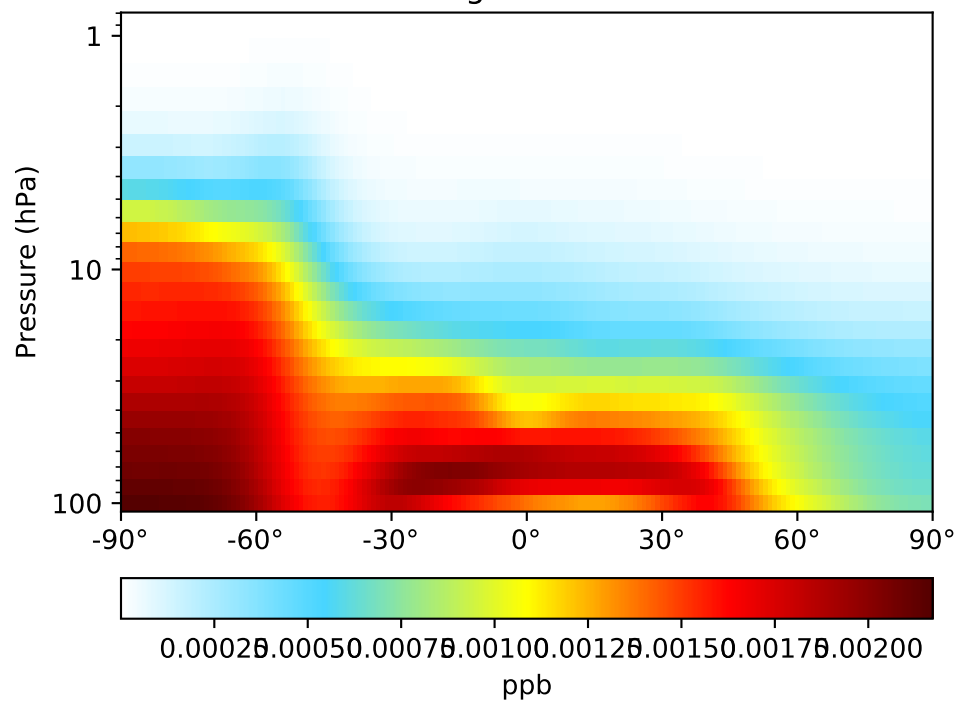


# SpeciesConc\_TSOA3, Zonal Mean

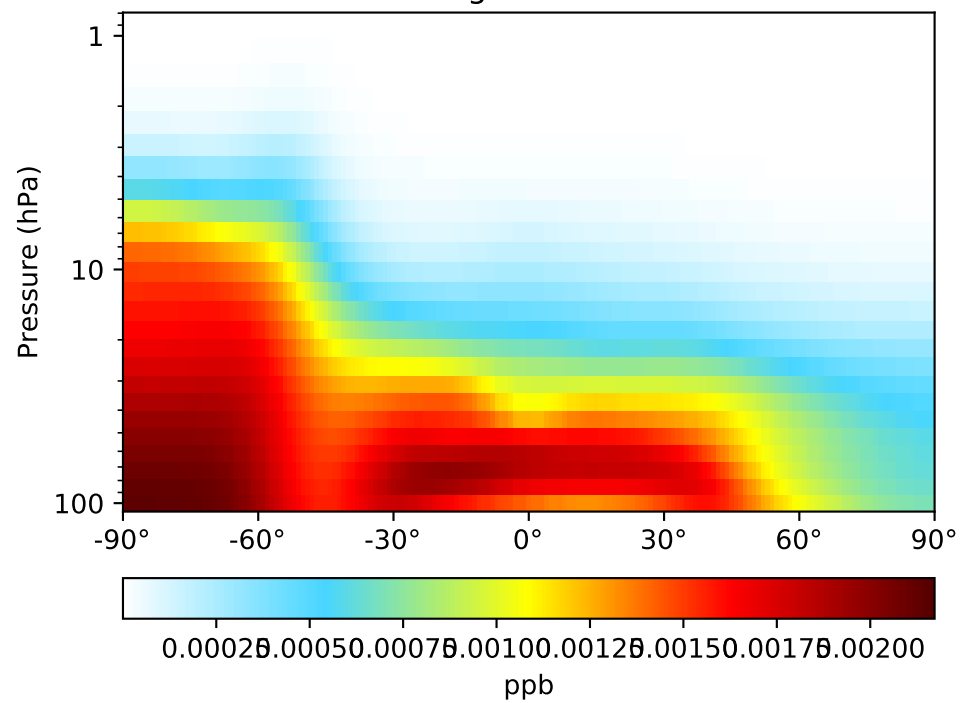


# SpeciesConc\_ISO A1, Zonal Mean

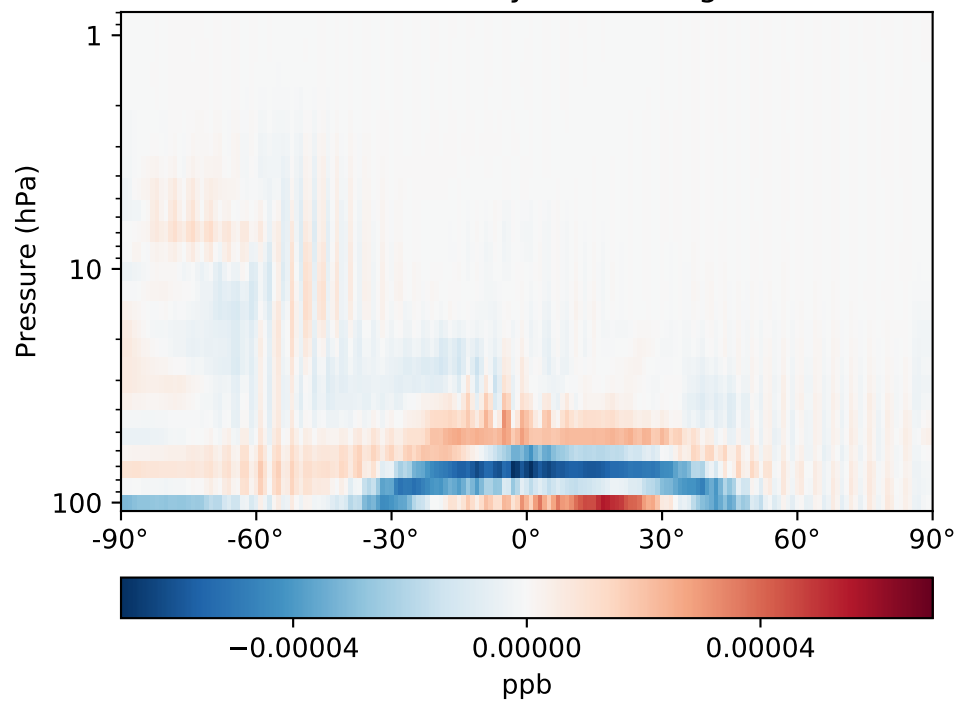
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



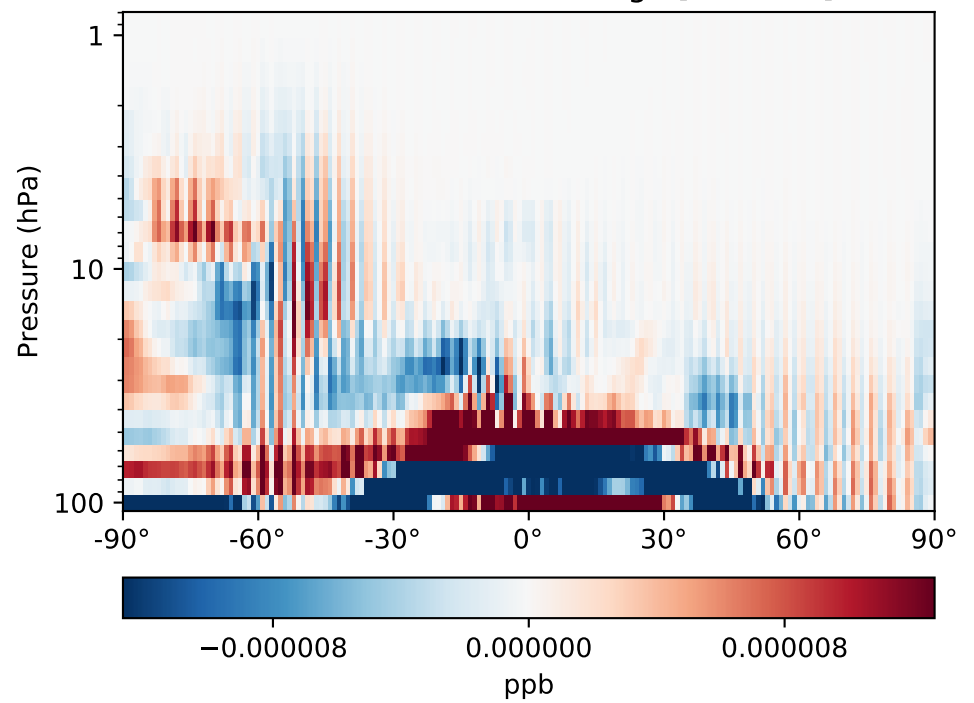
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



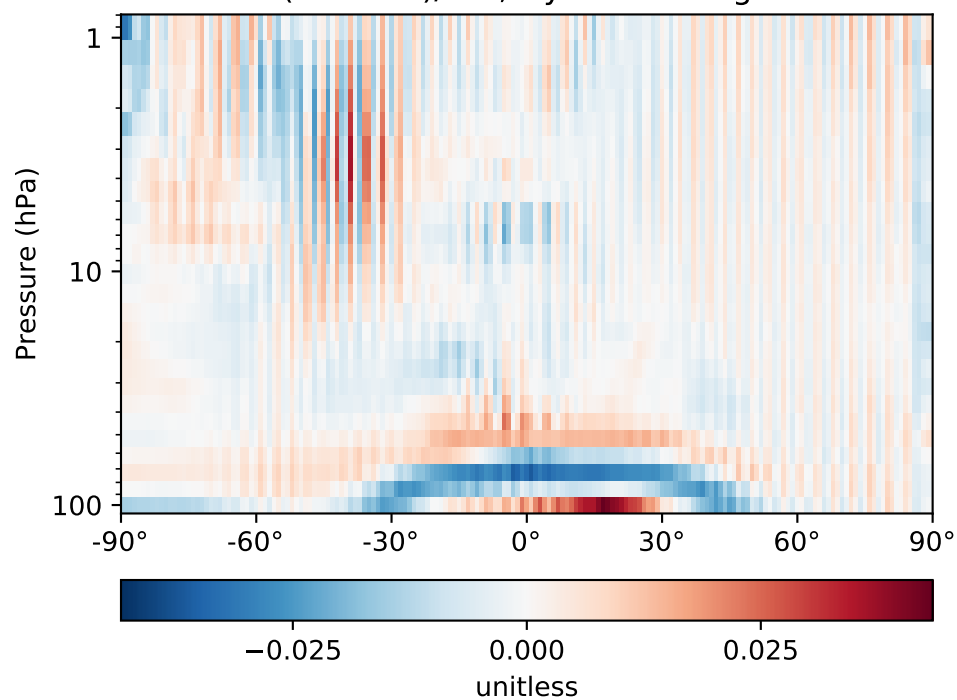
Difference (1x1.25)  
Dev - Ref, Dynamic Range



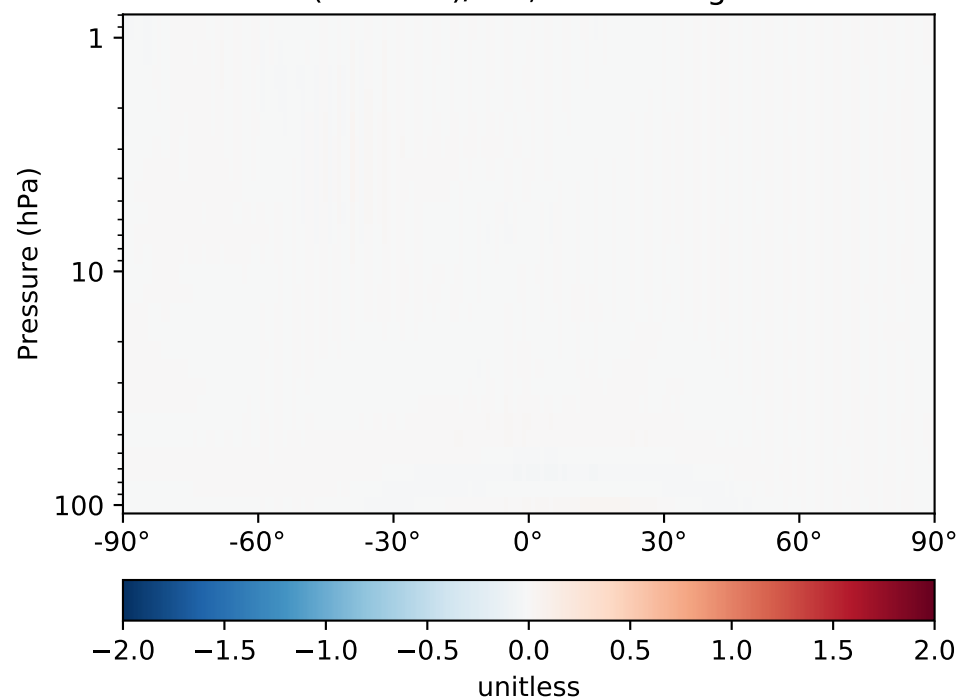
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range

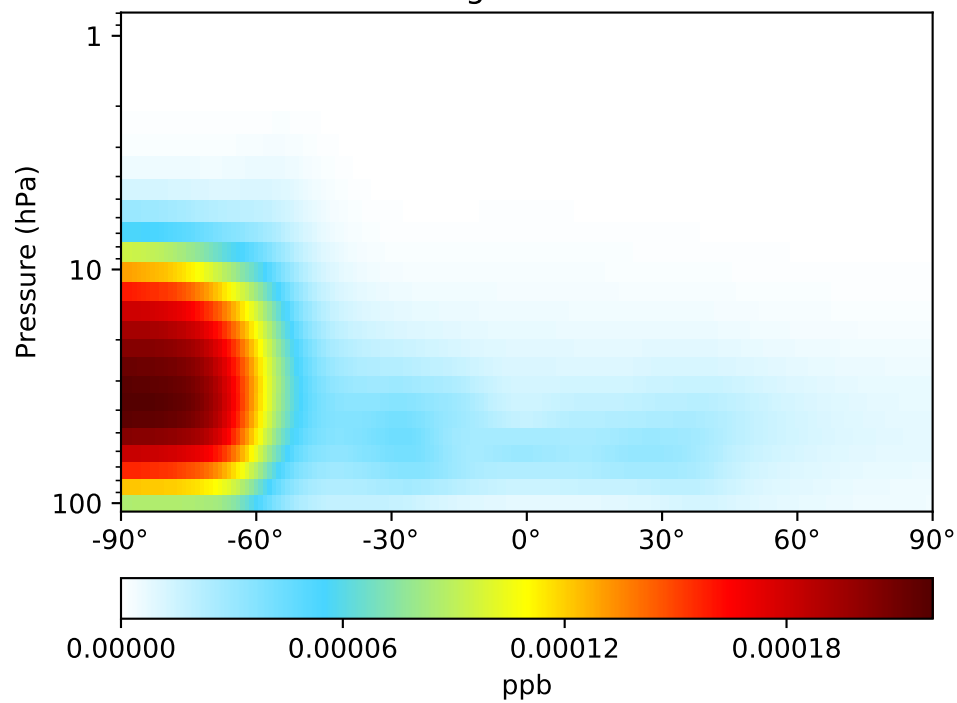


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

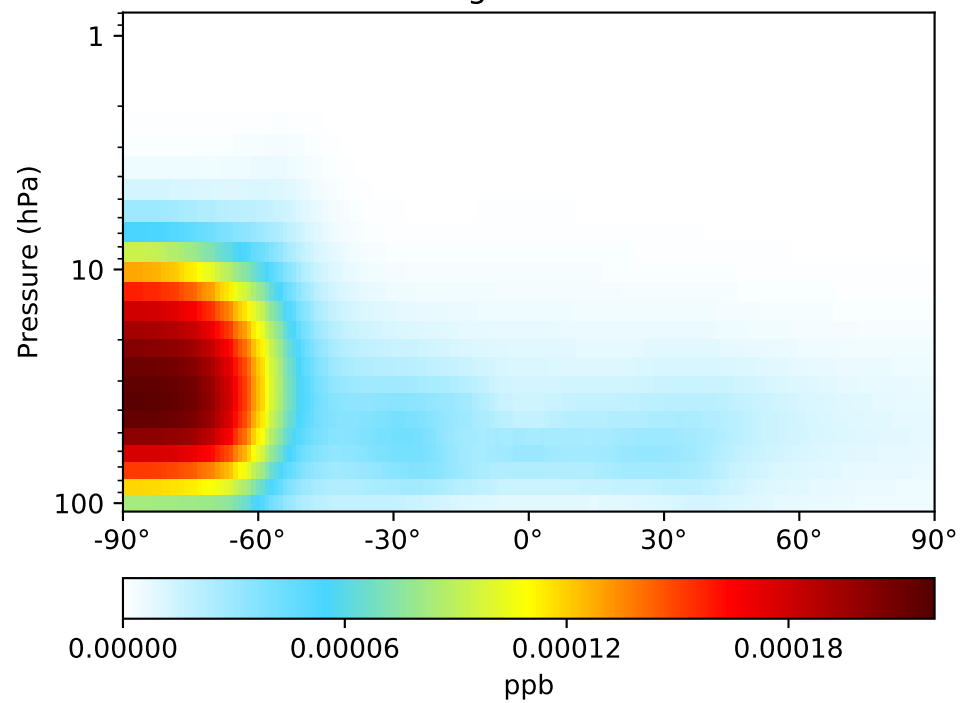


# SpeciesConc\_ISO A2, Zonal Mean

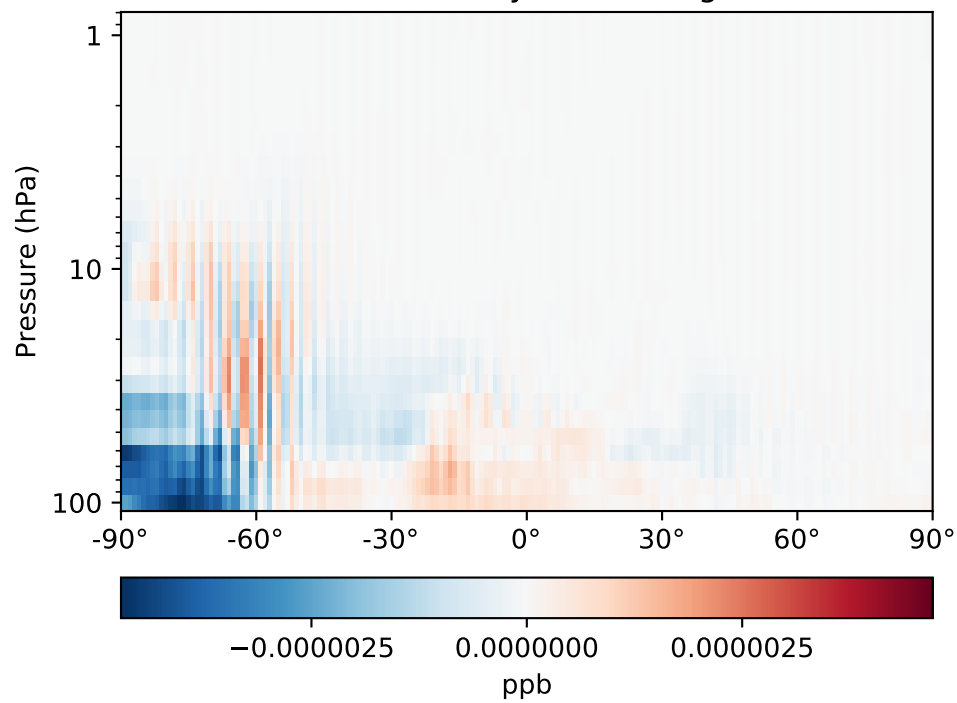
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



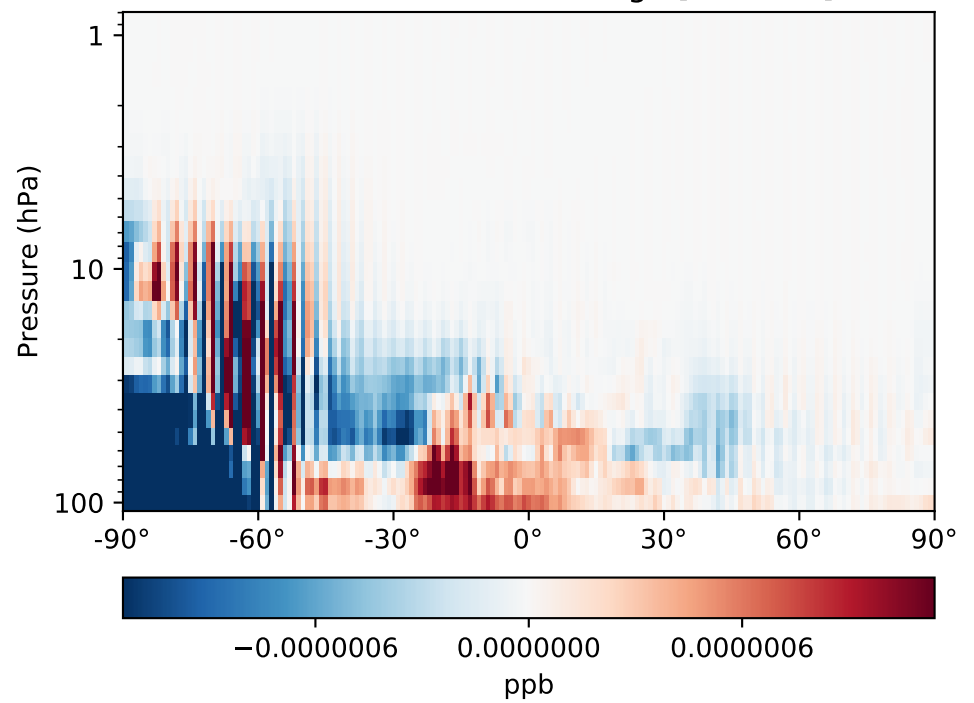
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



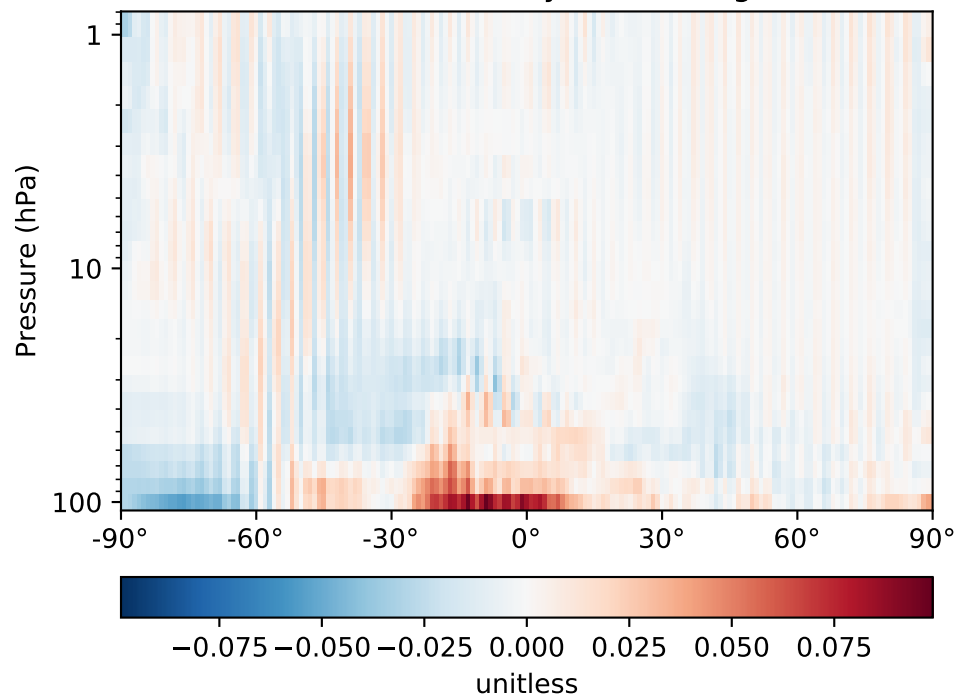
Difference (1x1.25)  
Dev - Ref, Dynamic Range



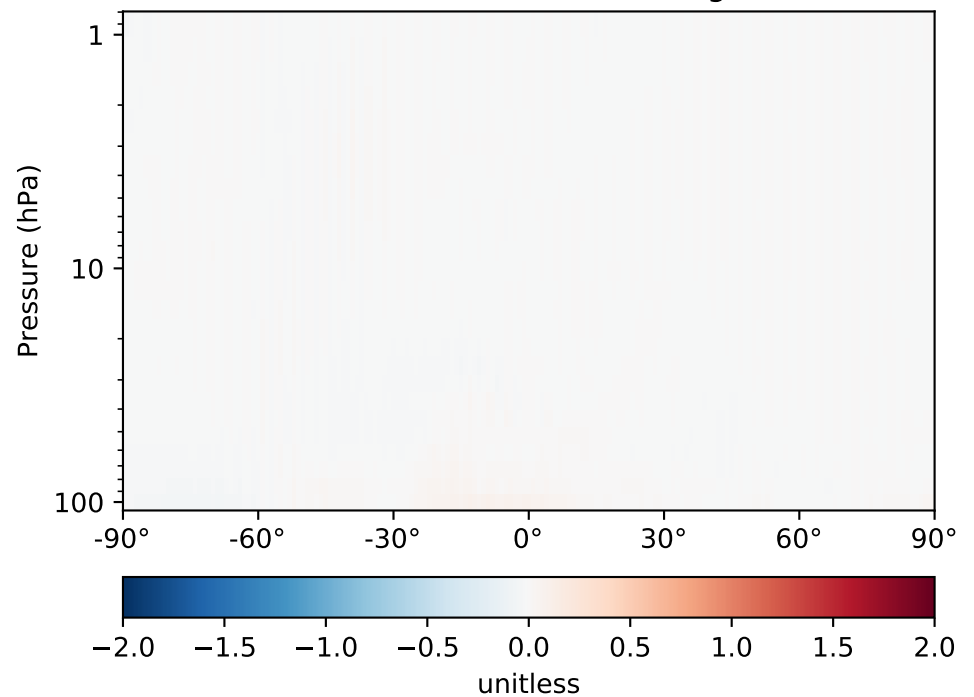
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range



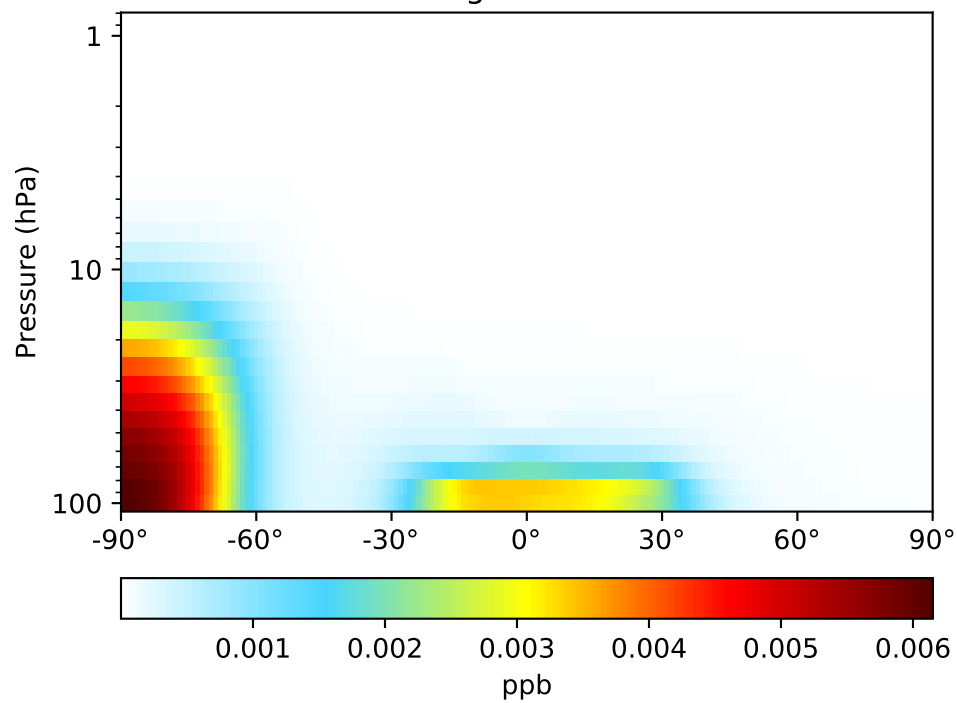
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



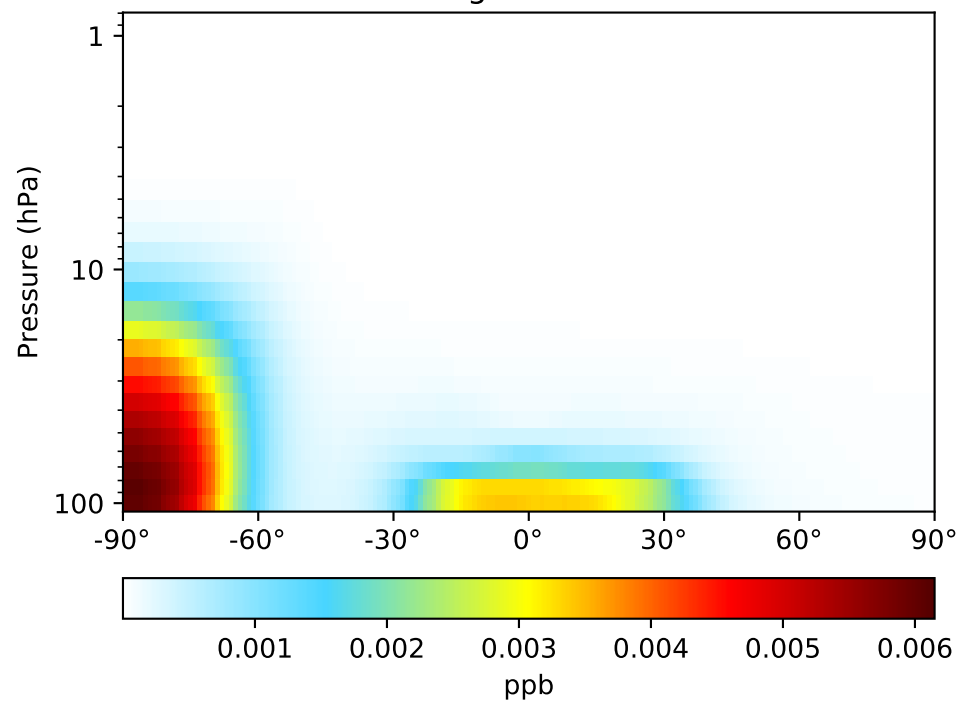


# SpeciesConc\_ISO A3, Zonal Mean

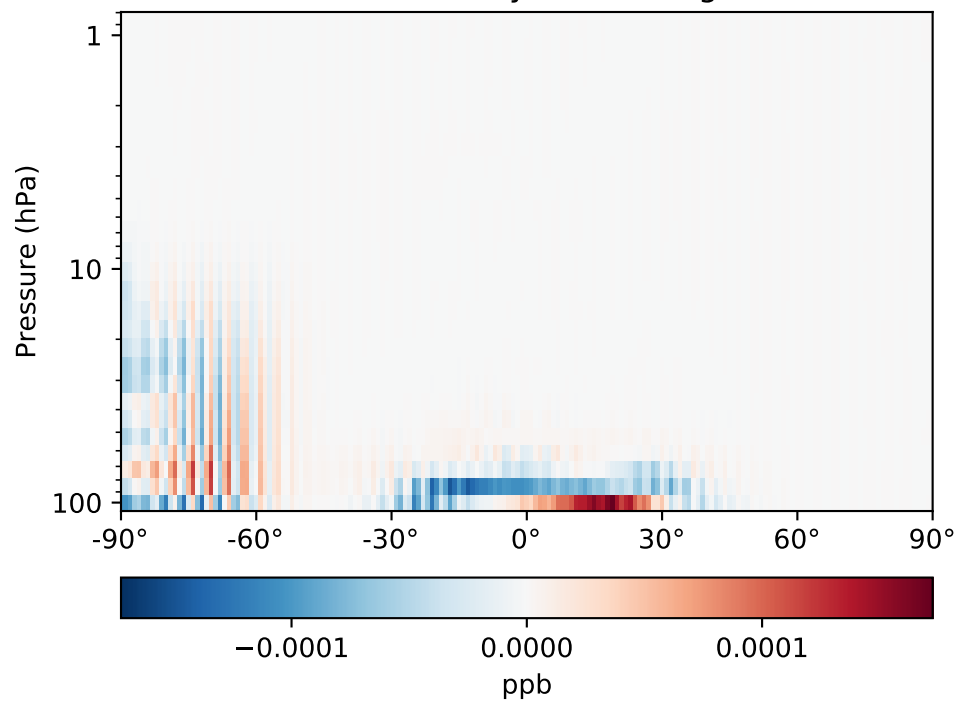
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



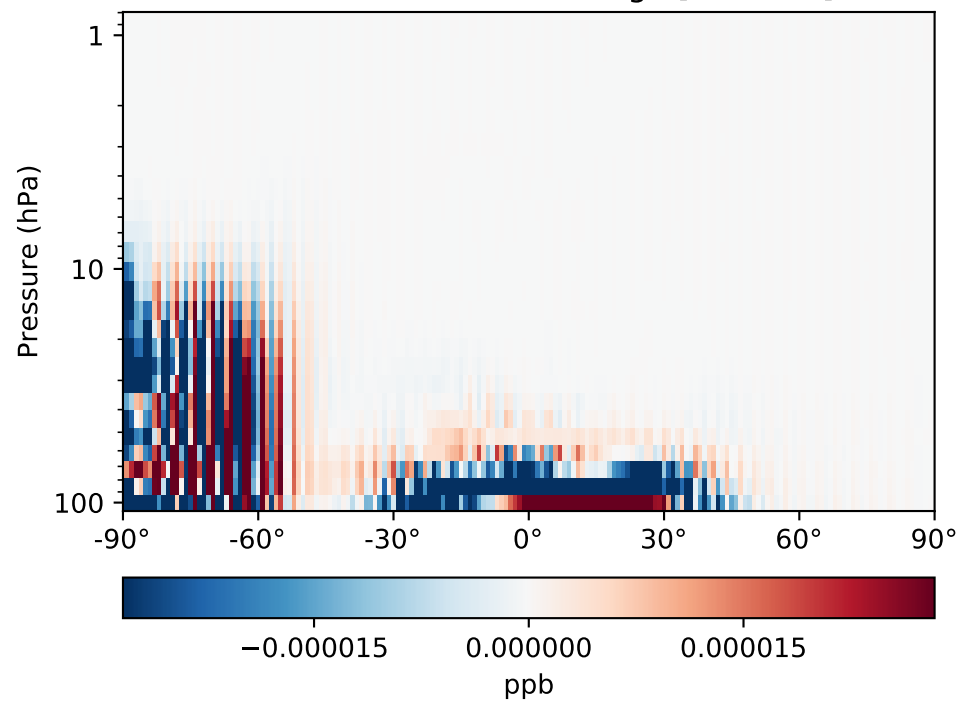
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



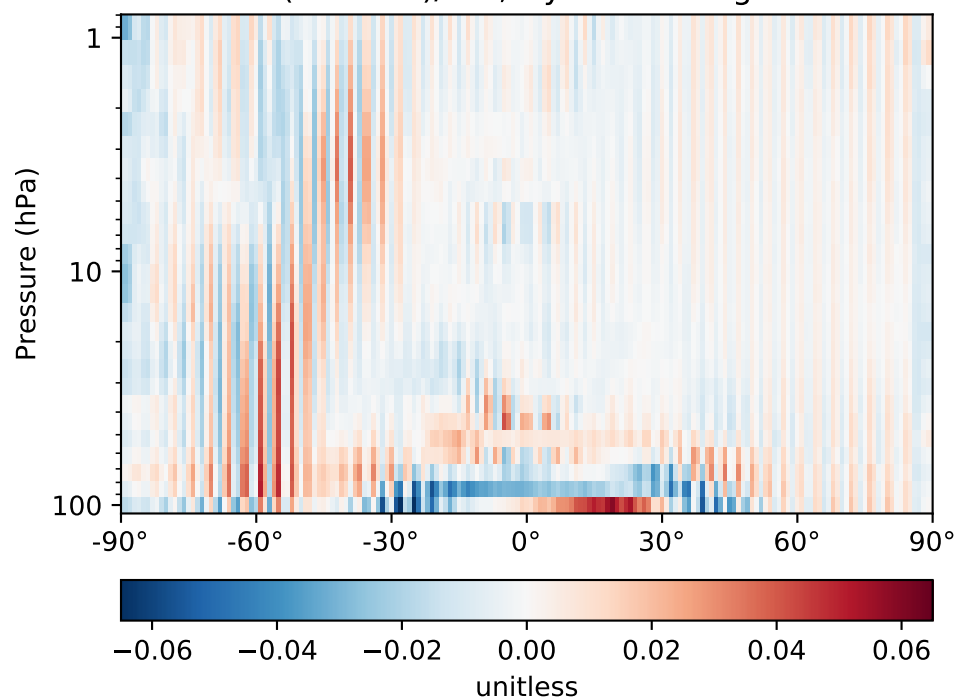
Difference (1x1.25)  
Dev - Ref, Dynamic Range



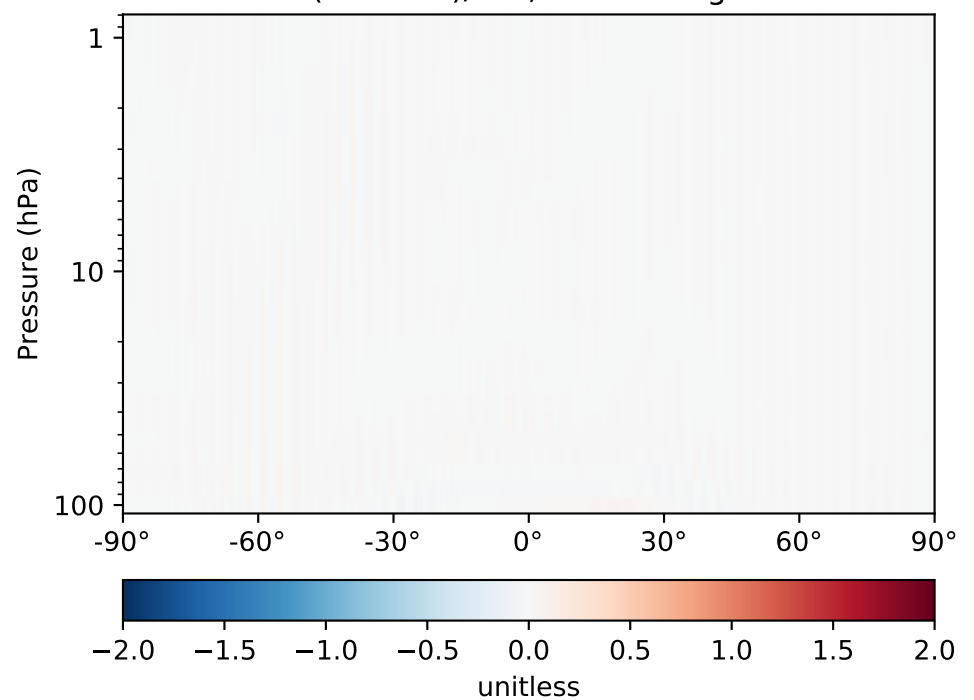
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range

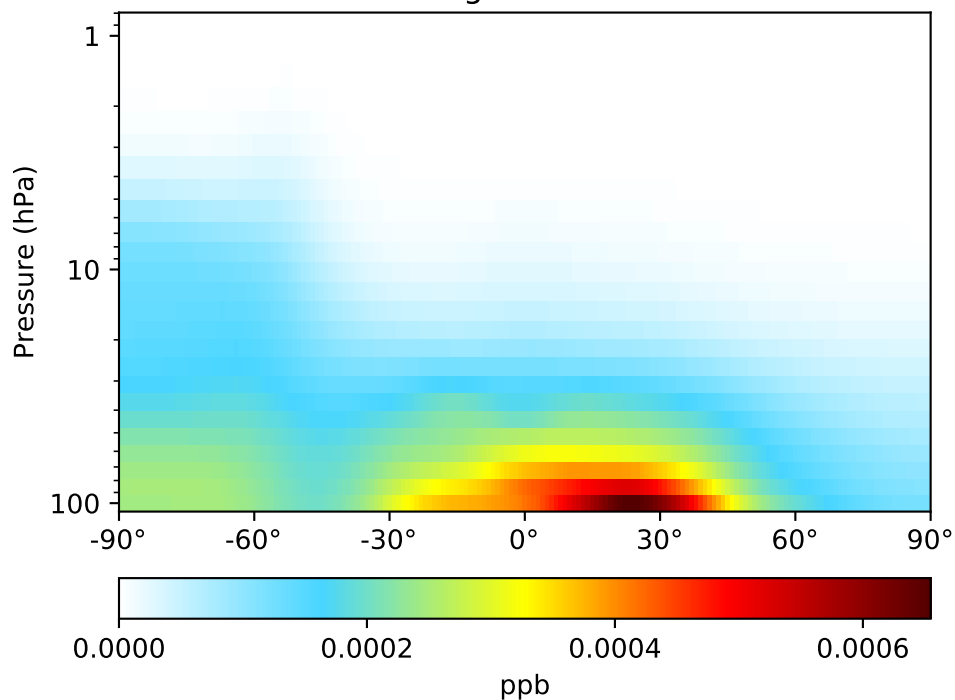


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

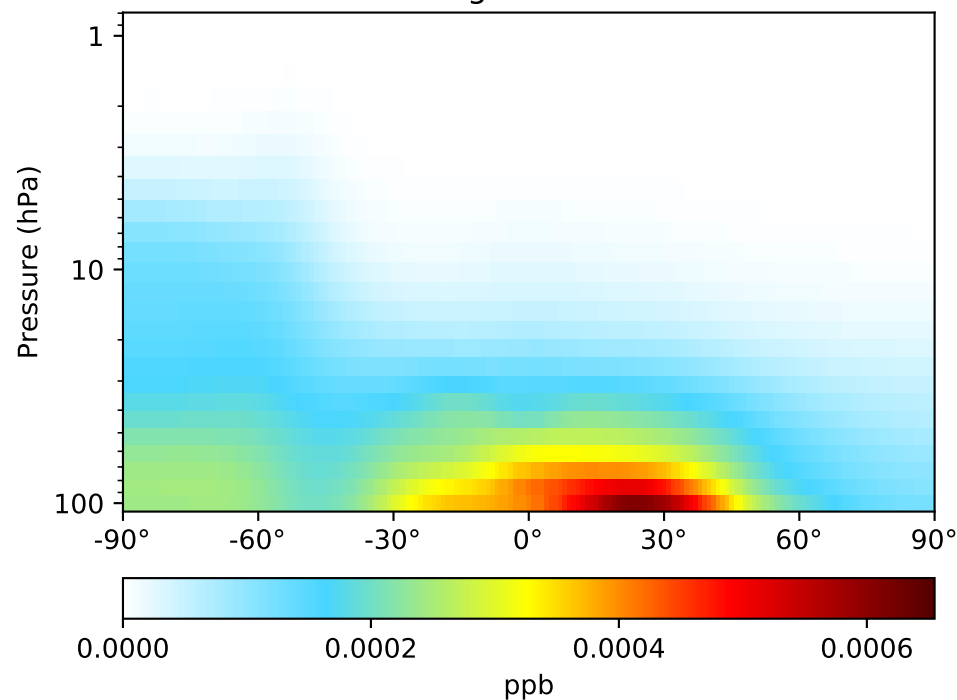


# SpeciesConc\_ASOA1, Zonal Mean

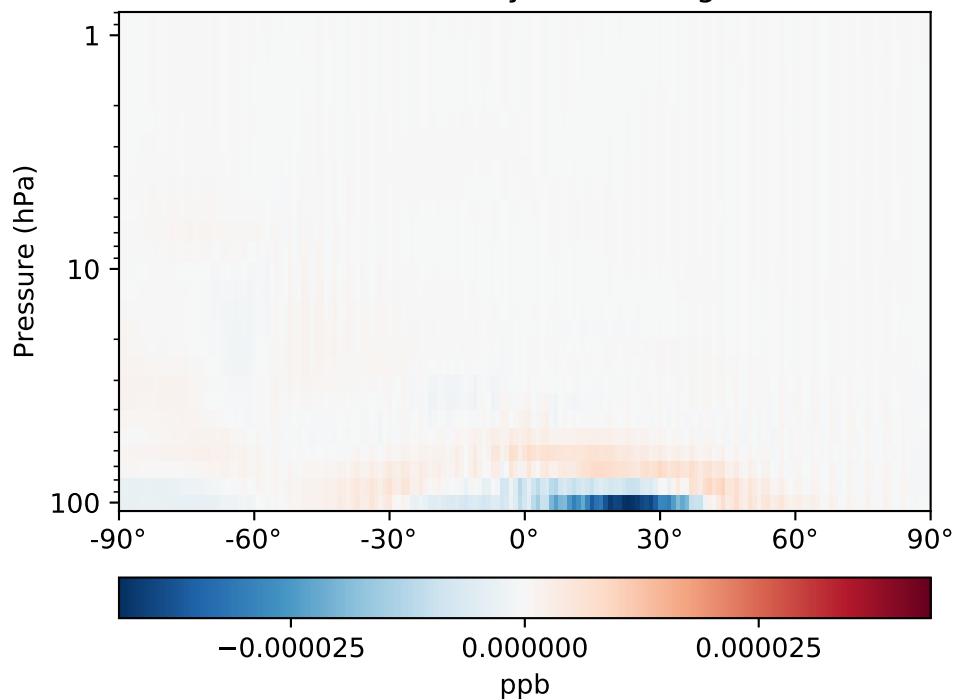
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



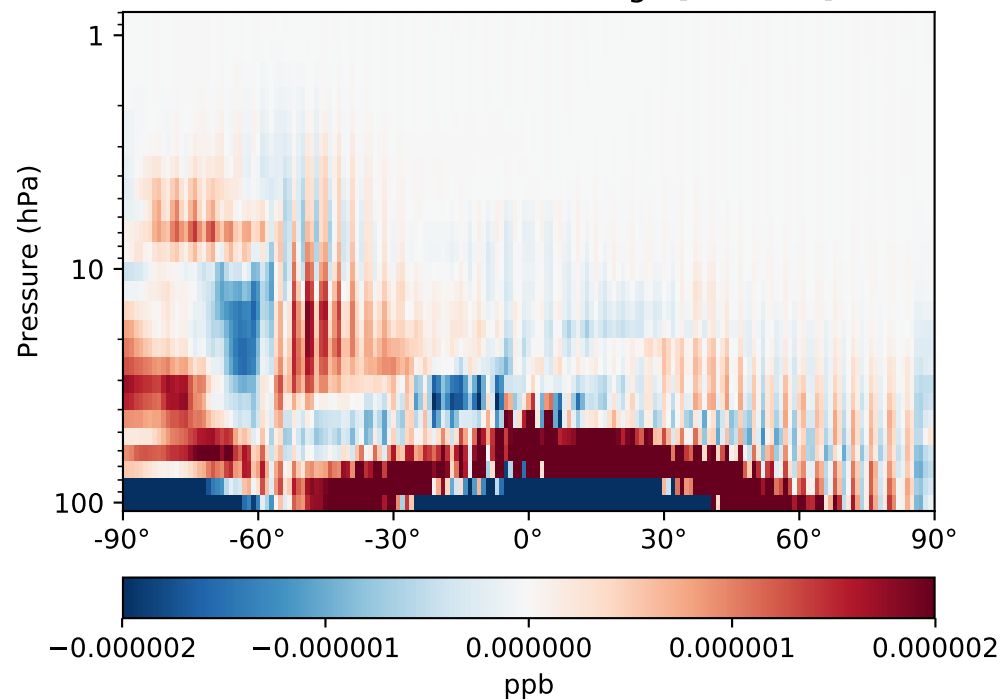
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



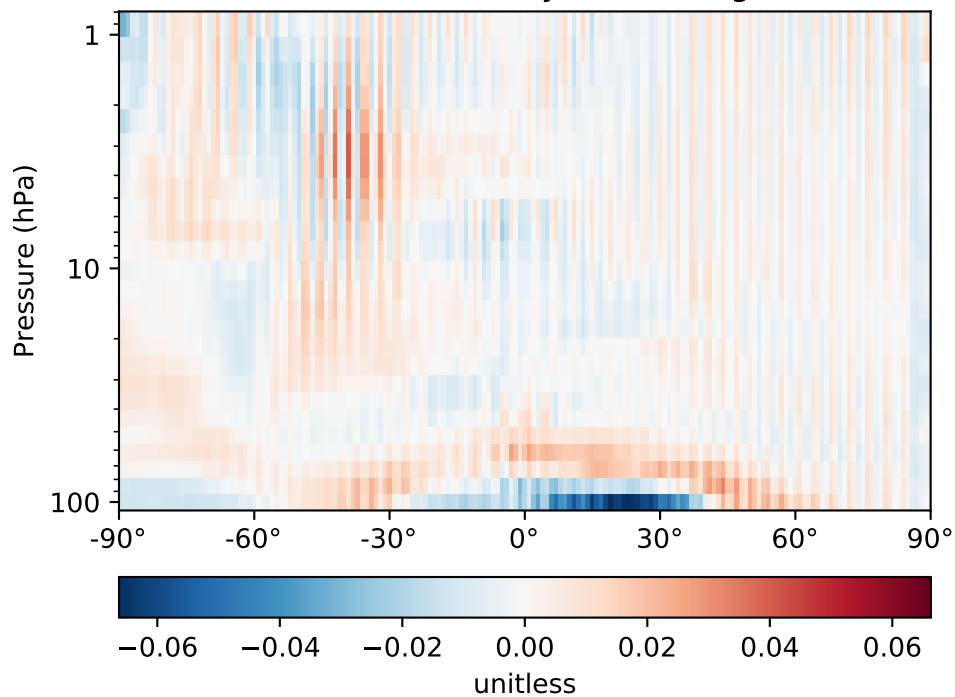
Difference (1x1.25)  
Dev - Ref, Dynamic Range



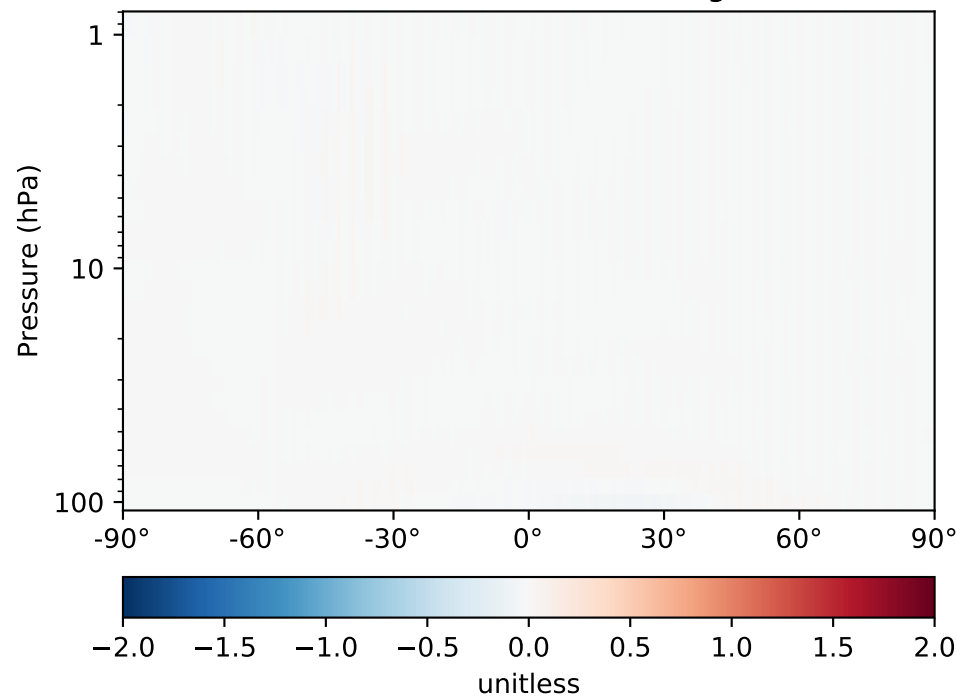
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range

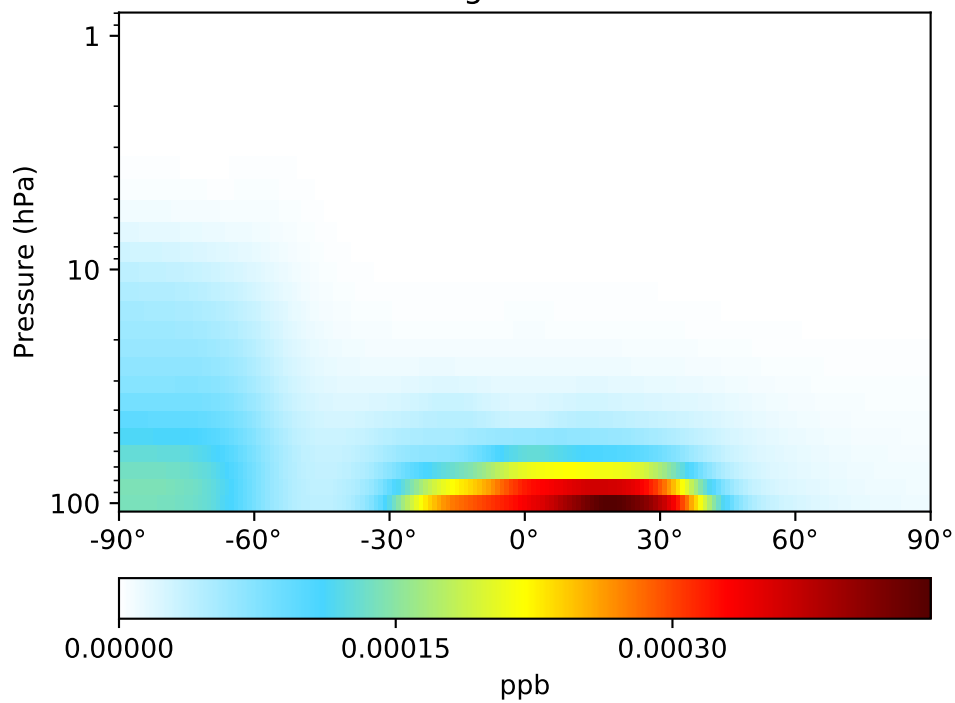


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

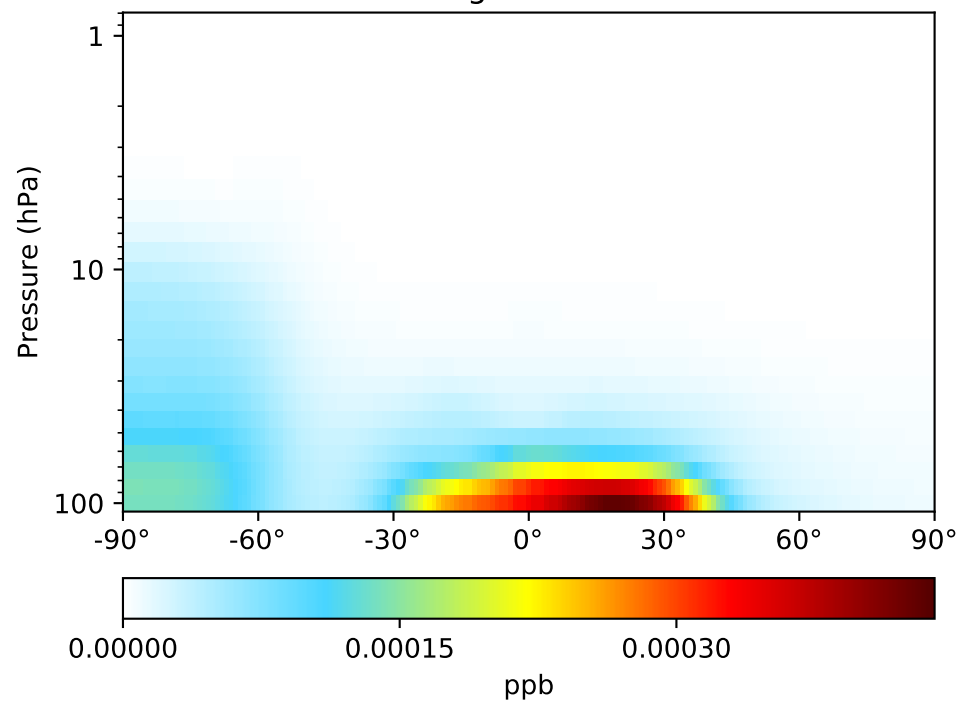


# SpeciesConc\_ASOA2, Zonal Mean

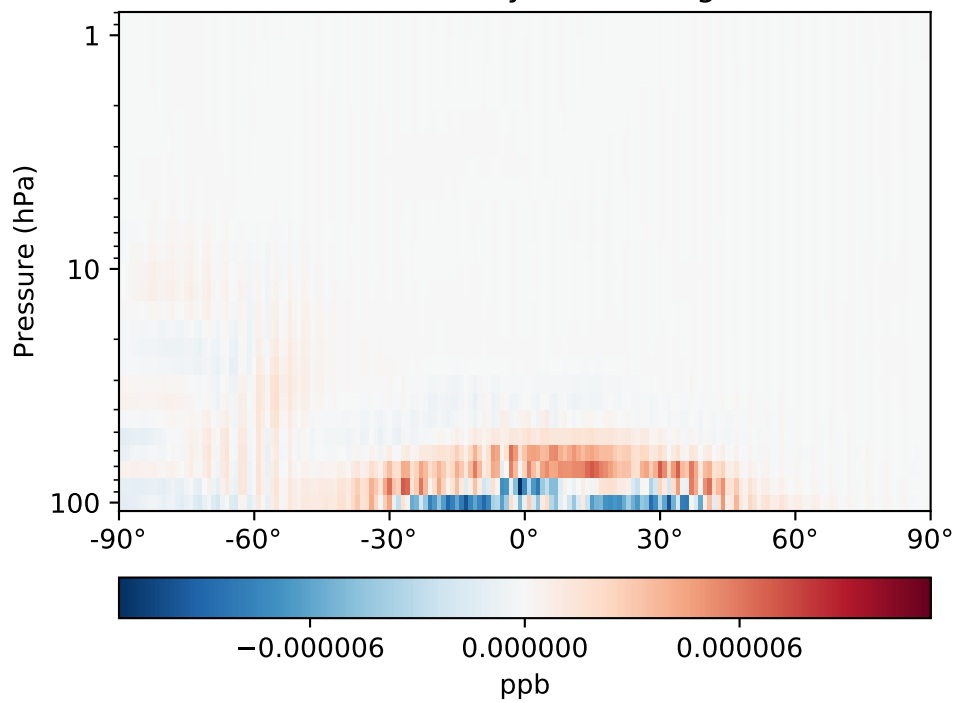
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



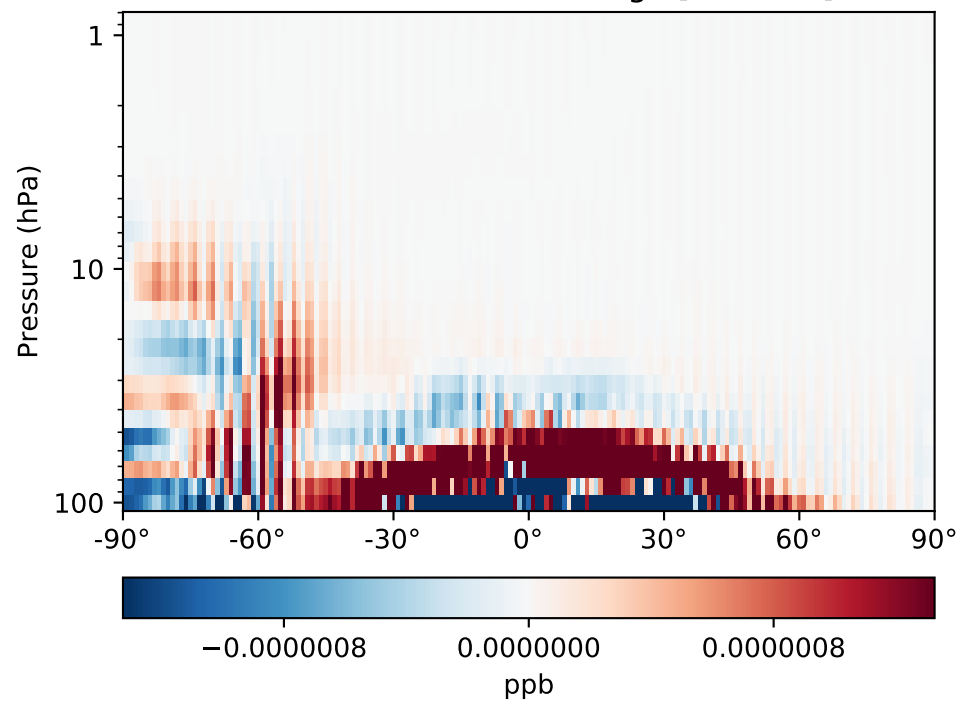
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



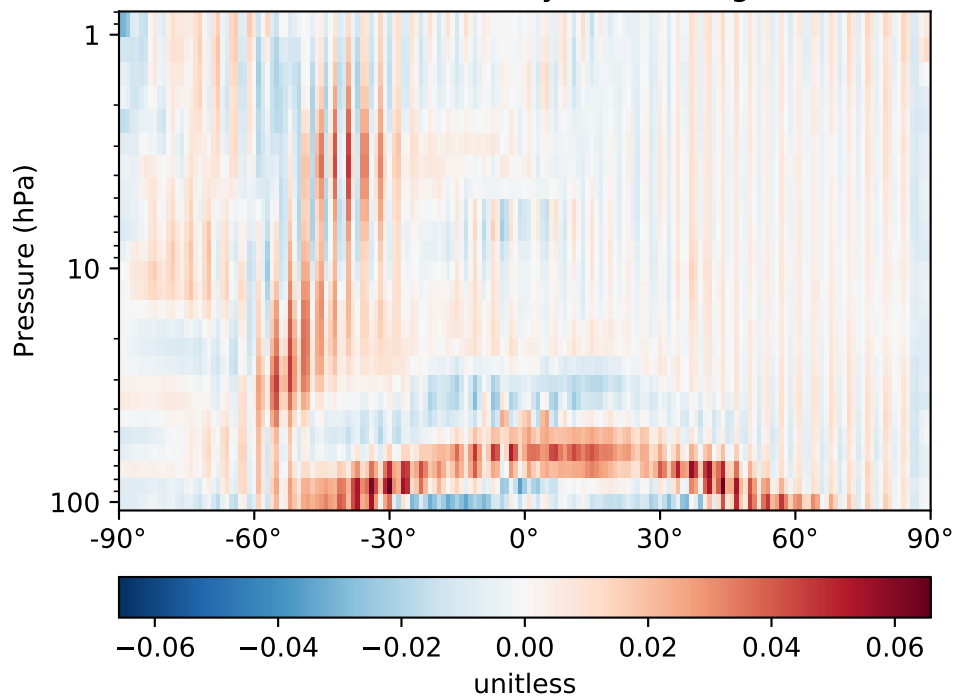
Difference (1x1.25)  
Dev - Ref, Dynamic Range



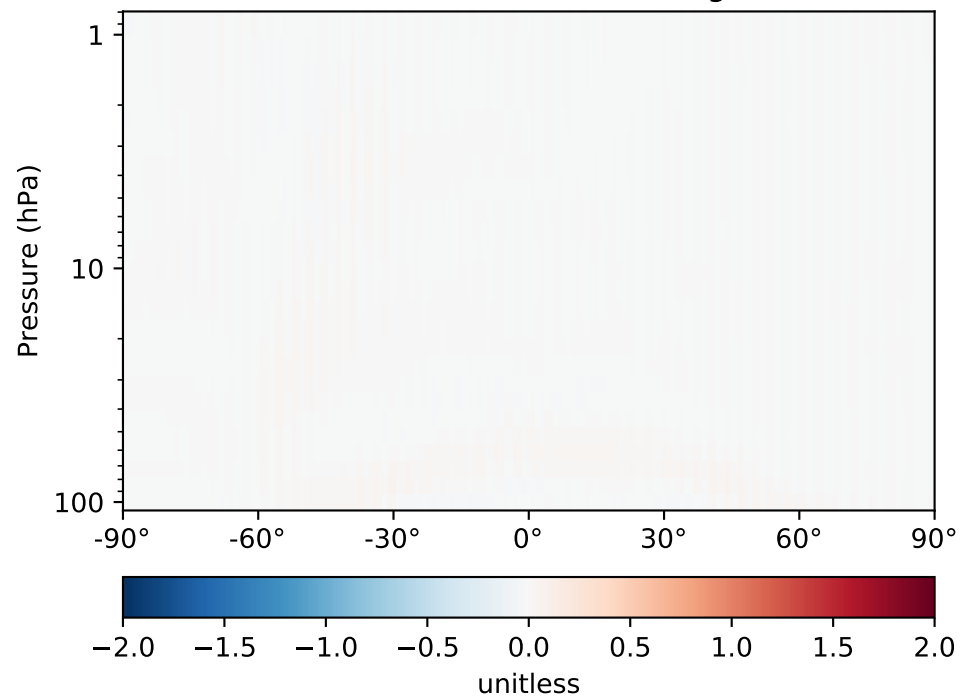
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range

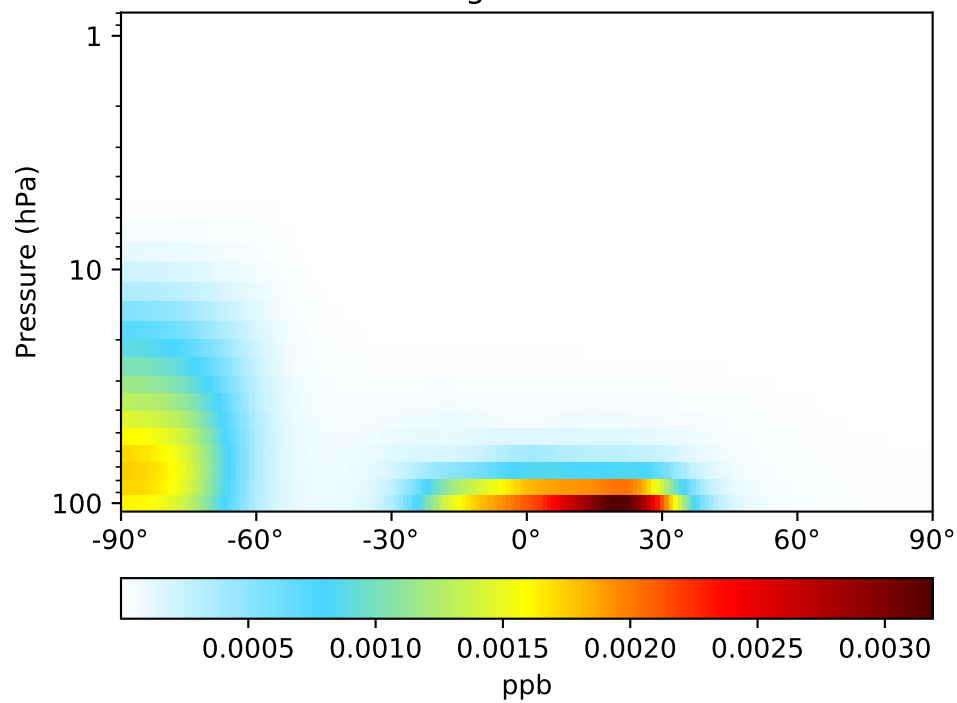


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

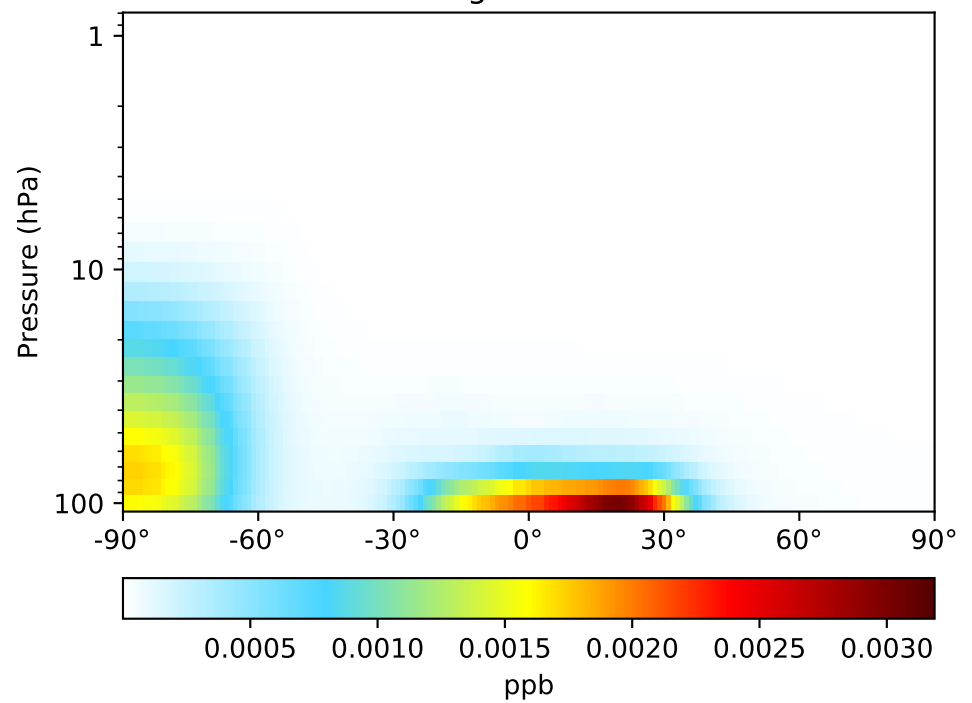


# SpeciesConc\_ASOA3, Zonal Mean

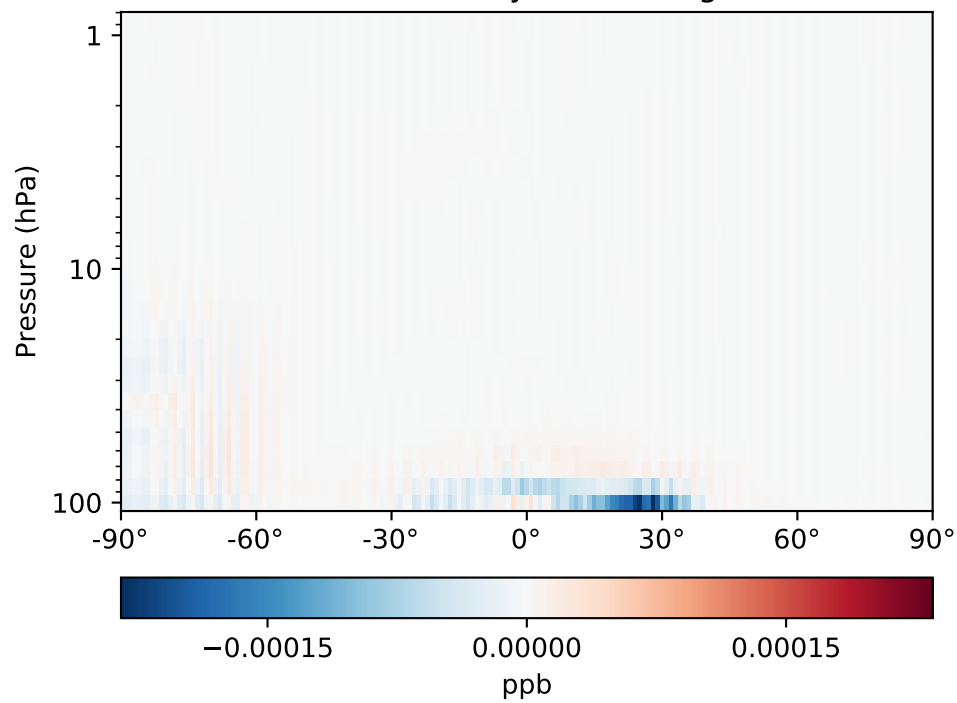
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



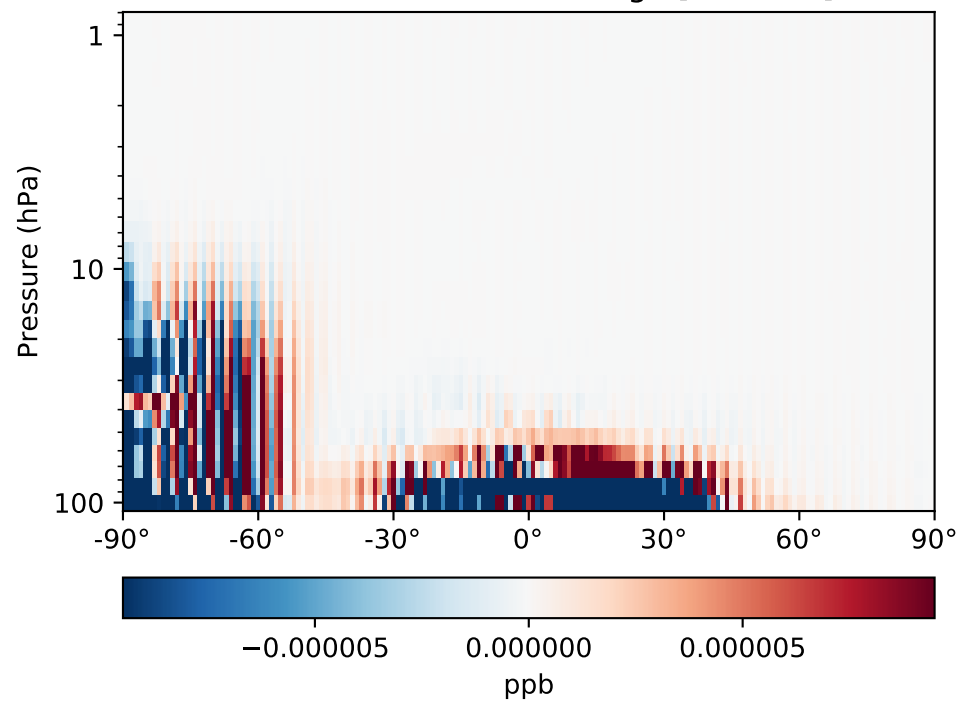
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



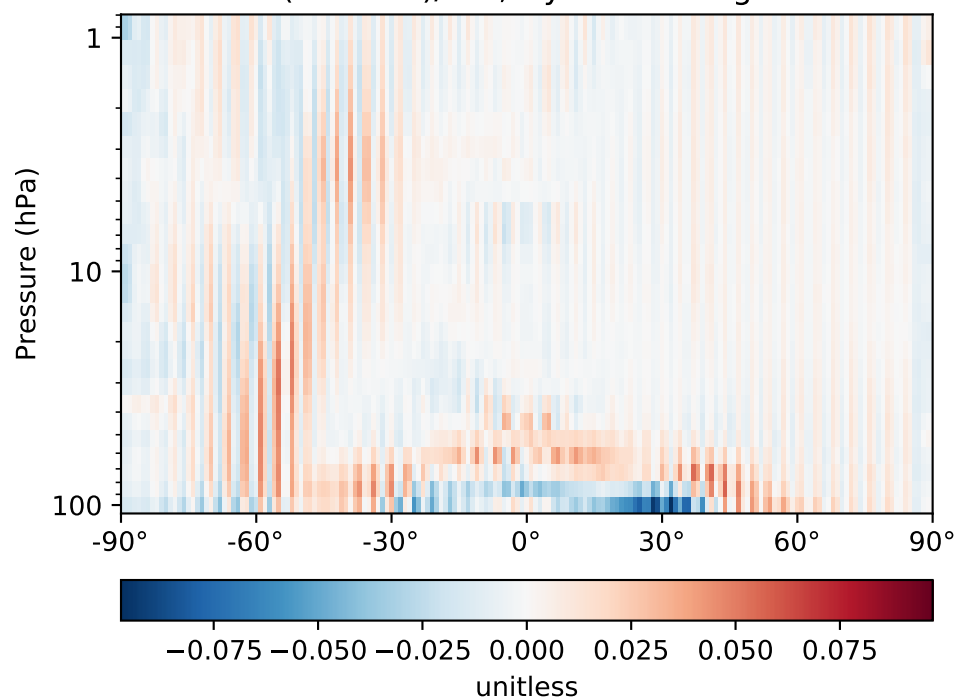
Difference (1x1.25)  
Dev - Ref, Dynamic Range



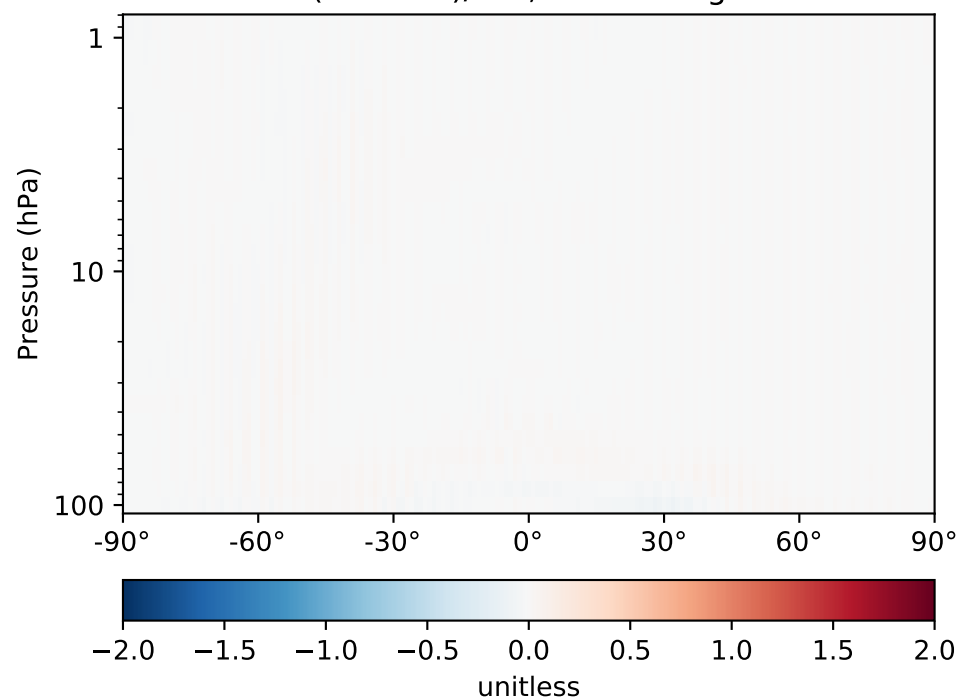
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range

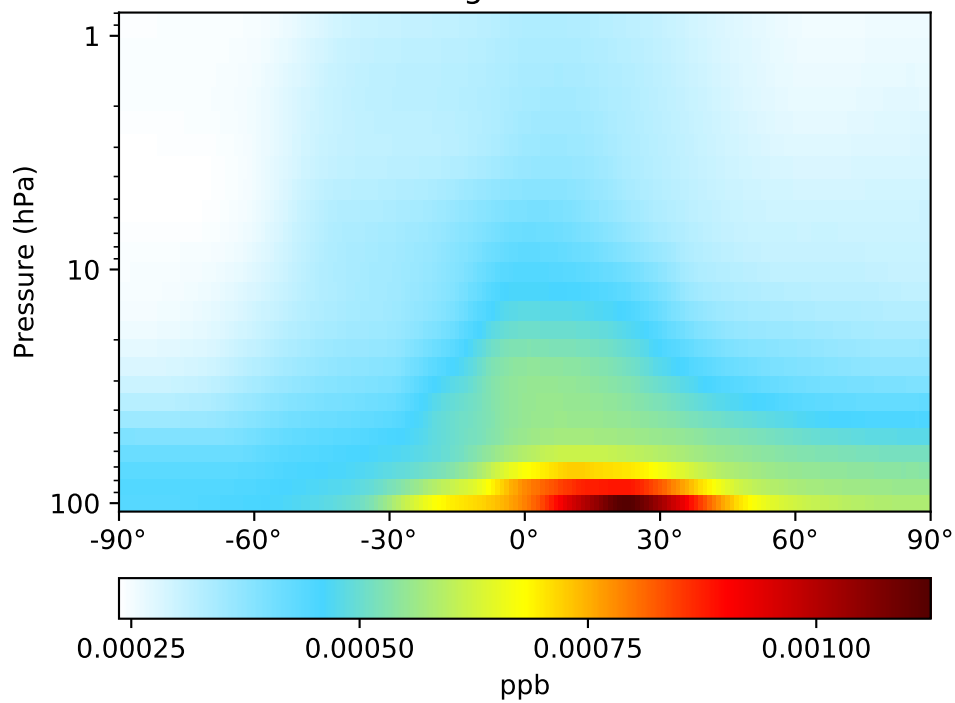


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

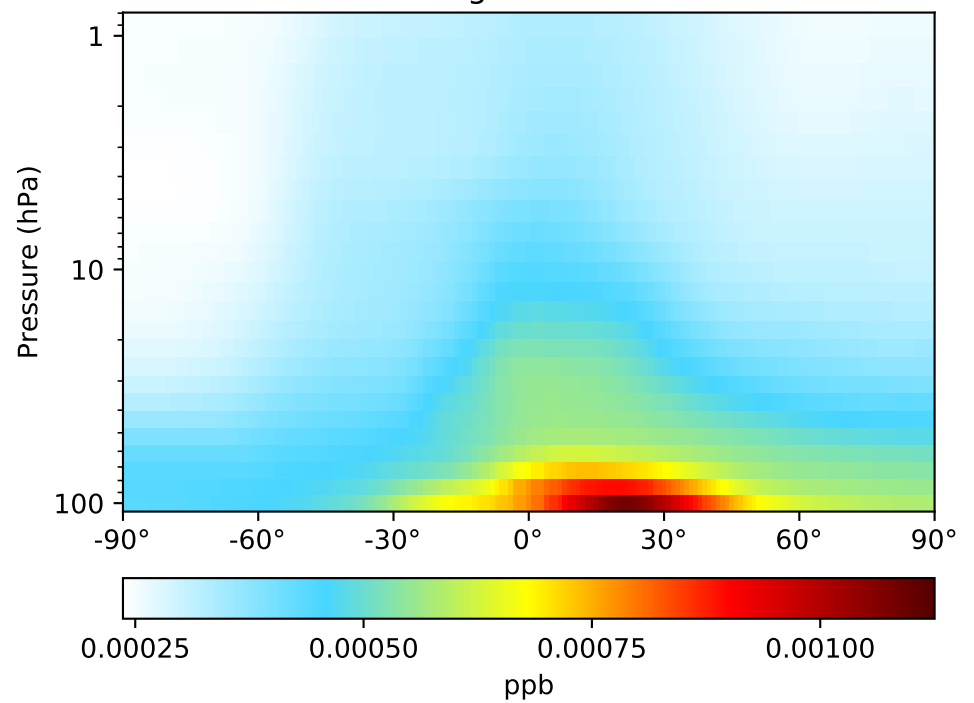


# SpeciesConc\_ASOAN, Zonal Mean

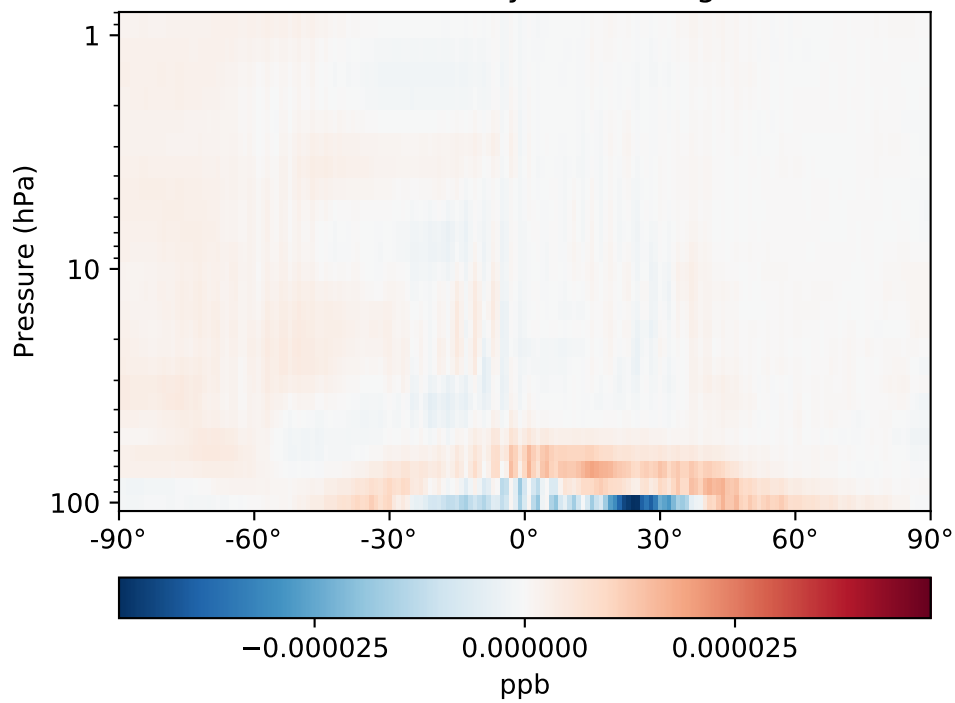
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



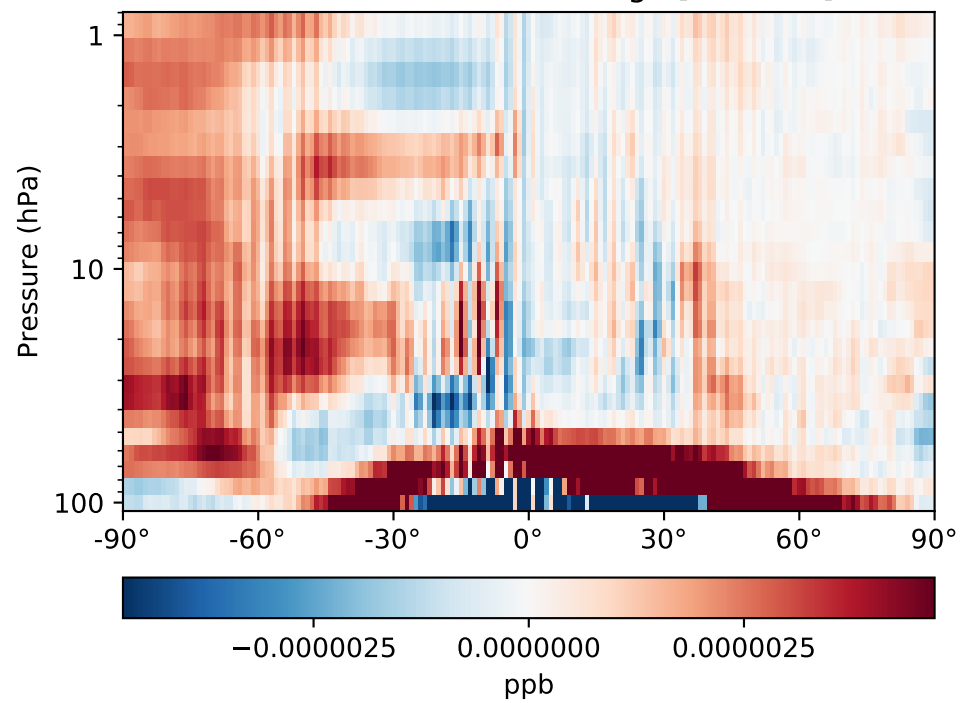
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



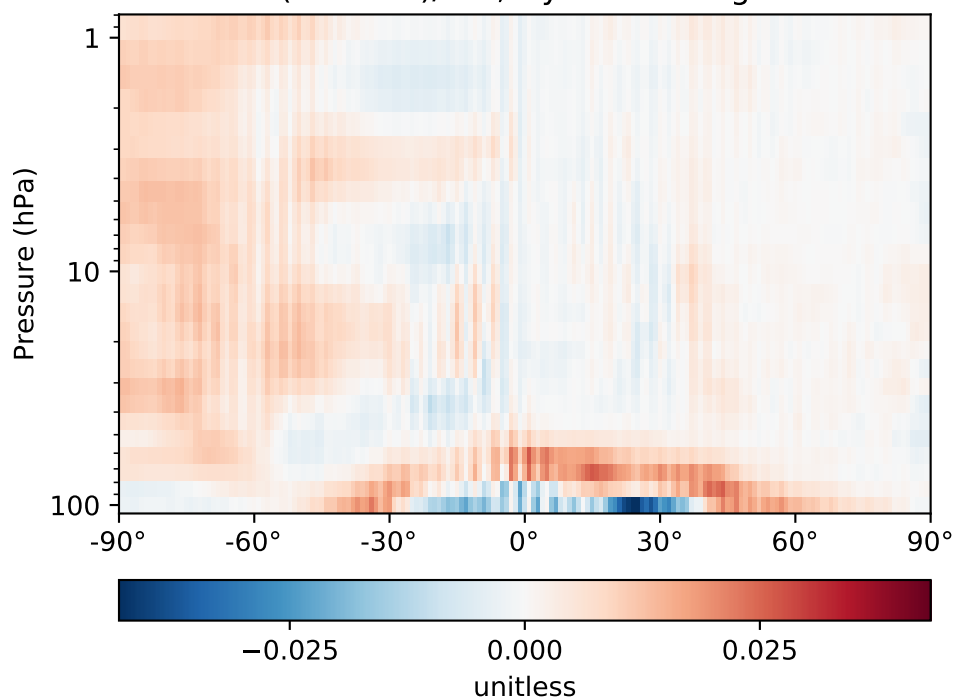
Difference (1x1.25)  
Dev - Ref, Dynamic Range



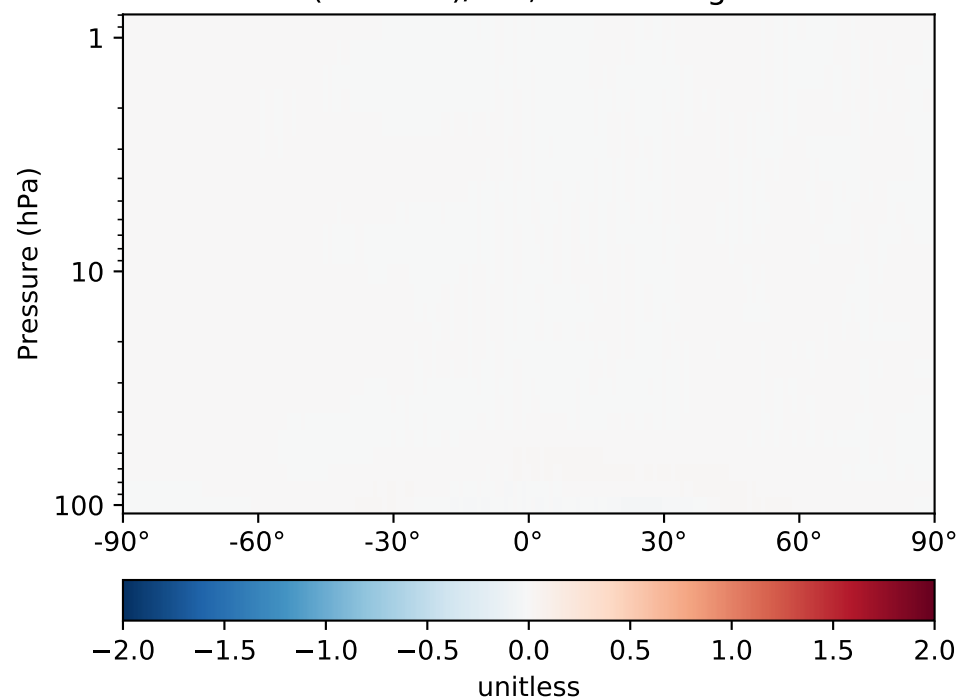
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range

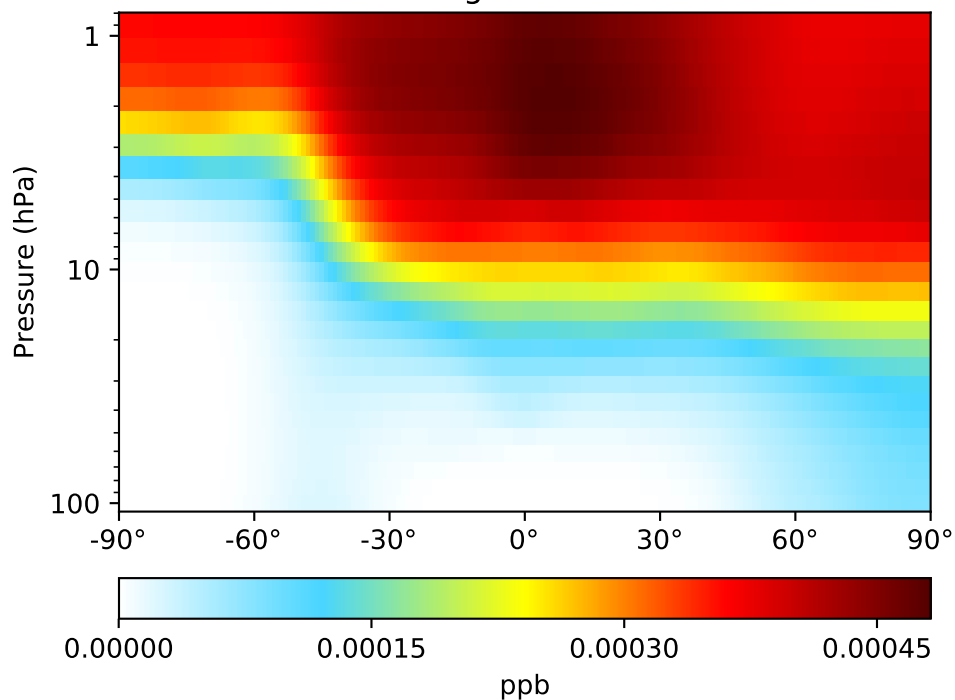


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

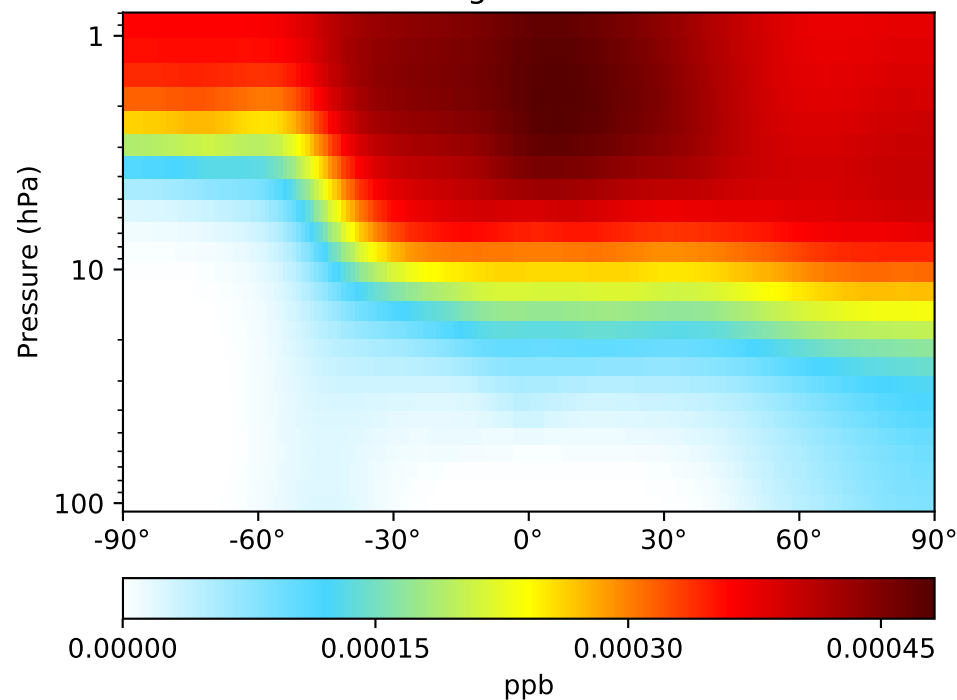


# SpeciesConc\_TSOG0, Zonal Mean

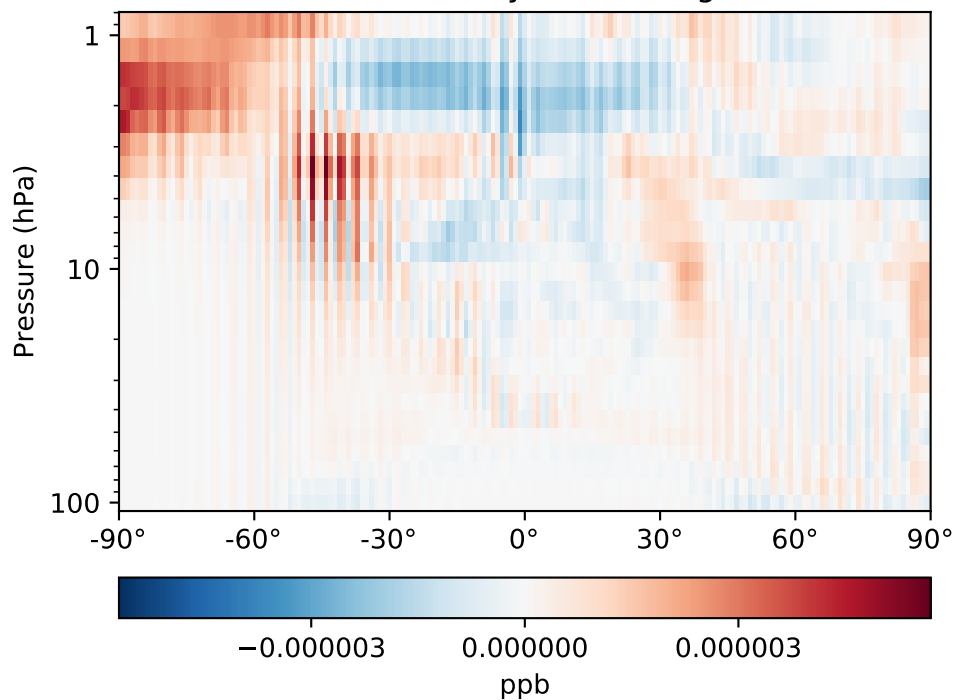
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



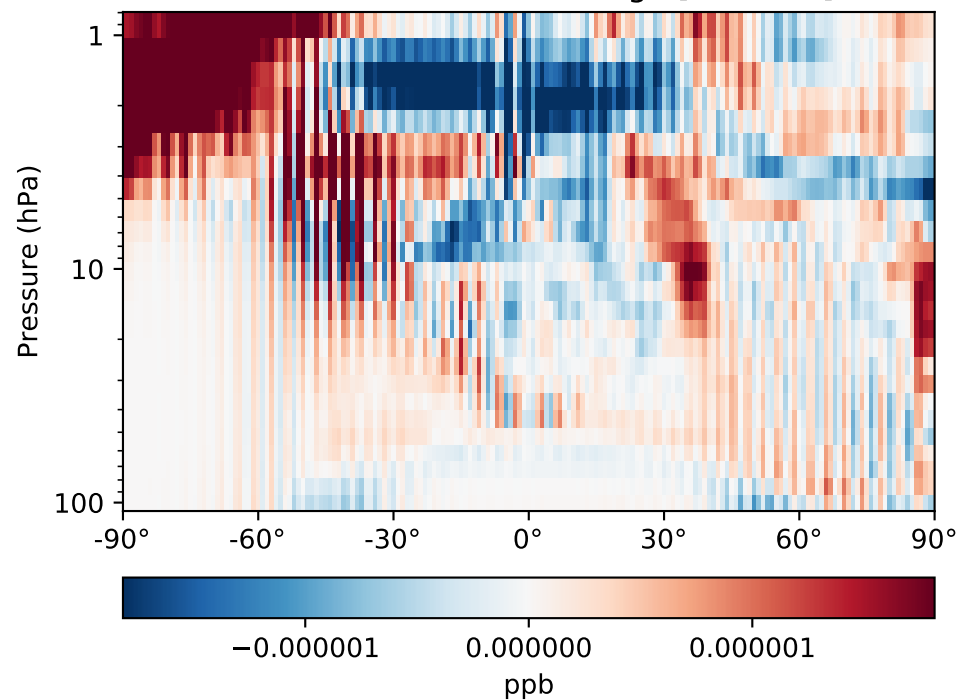
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



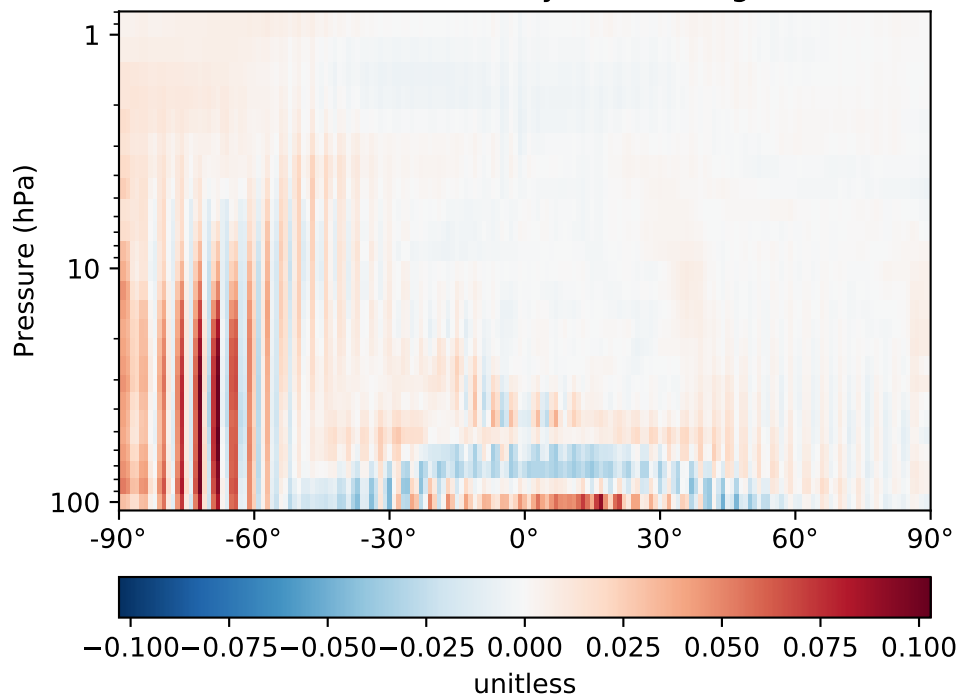
Difference (1x1.25)  
Dev - Ref, Dynamic Range



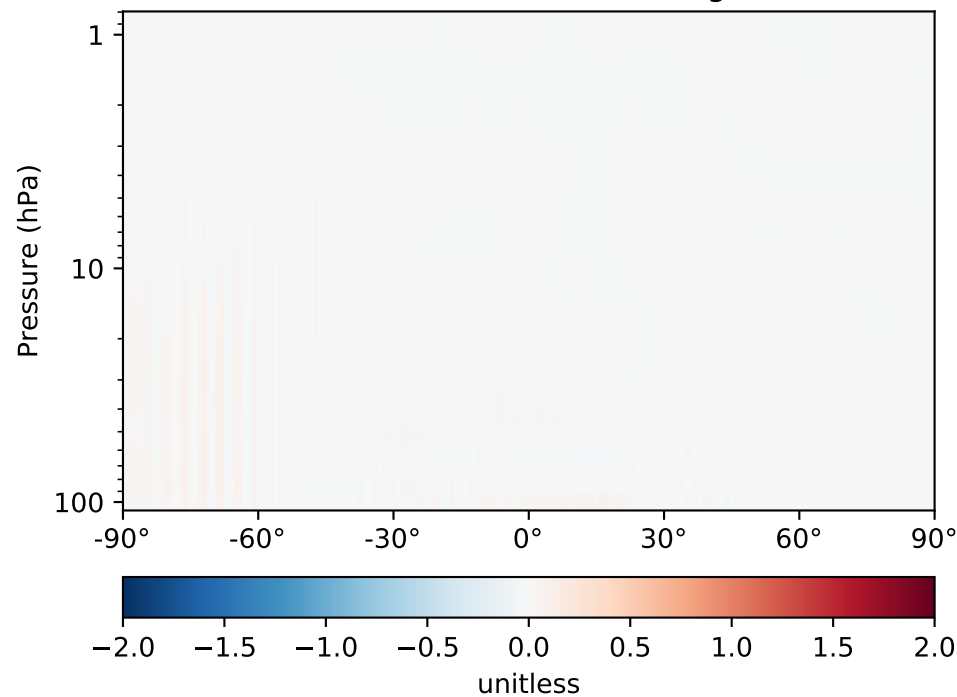
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



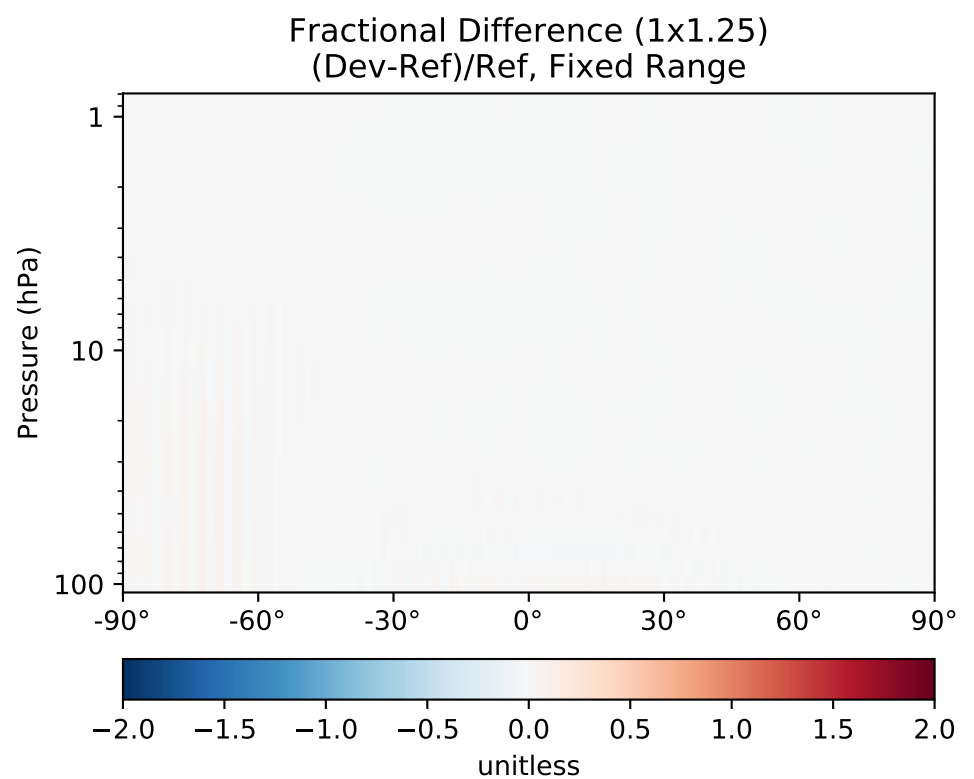
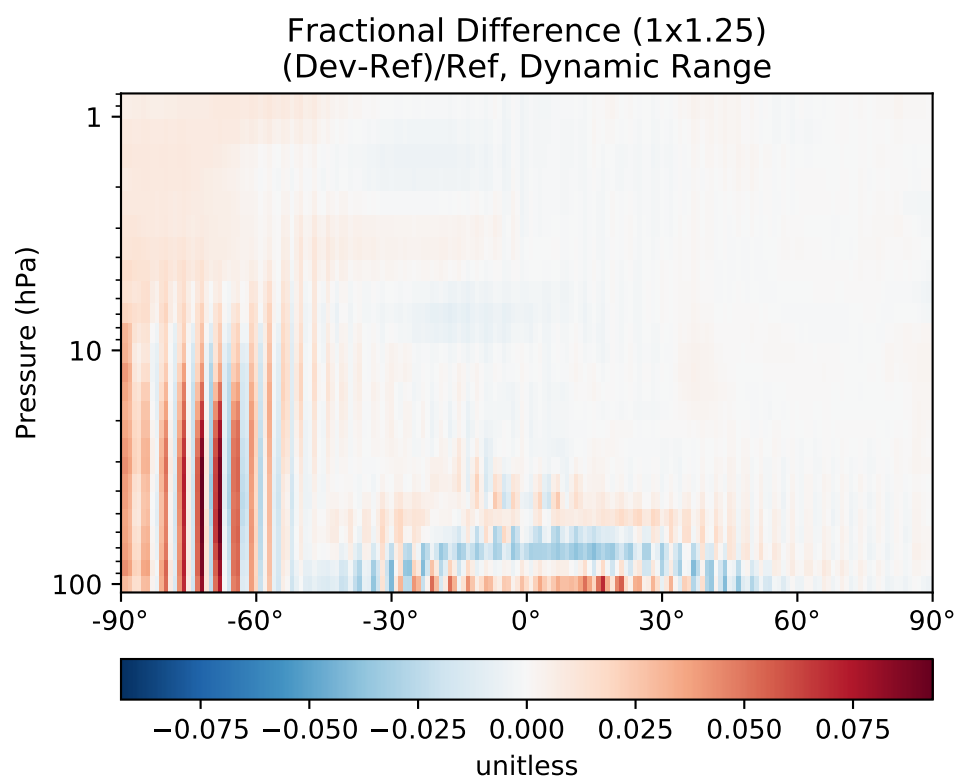
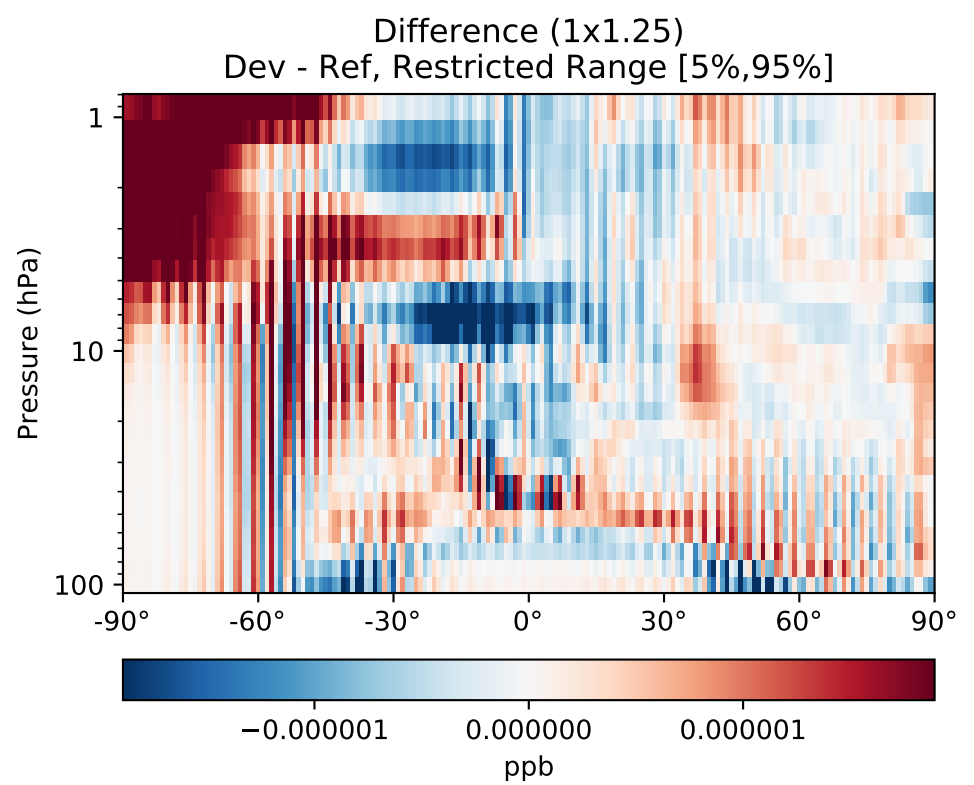
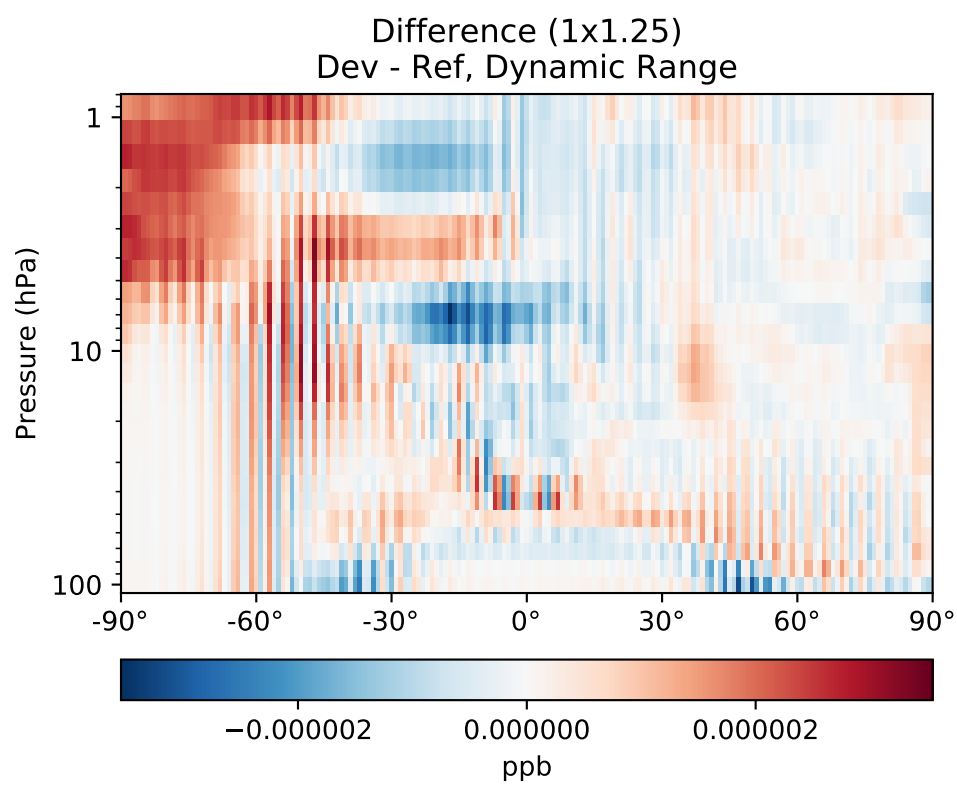
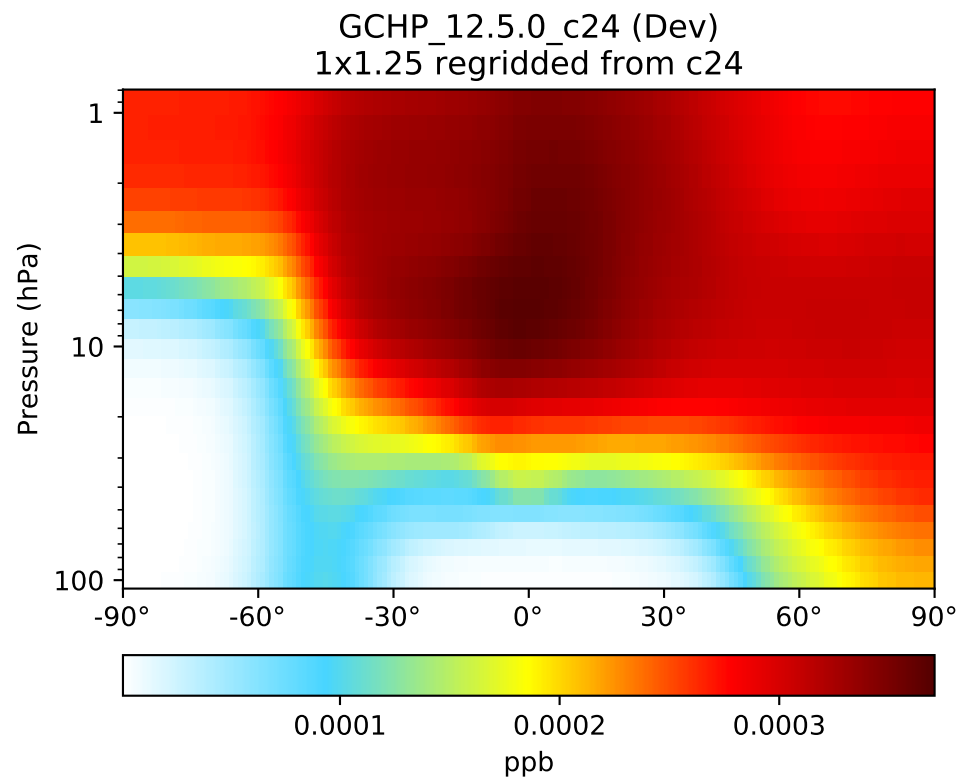
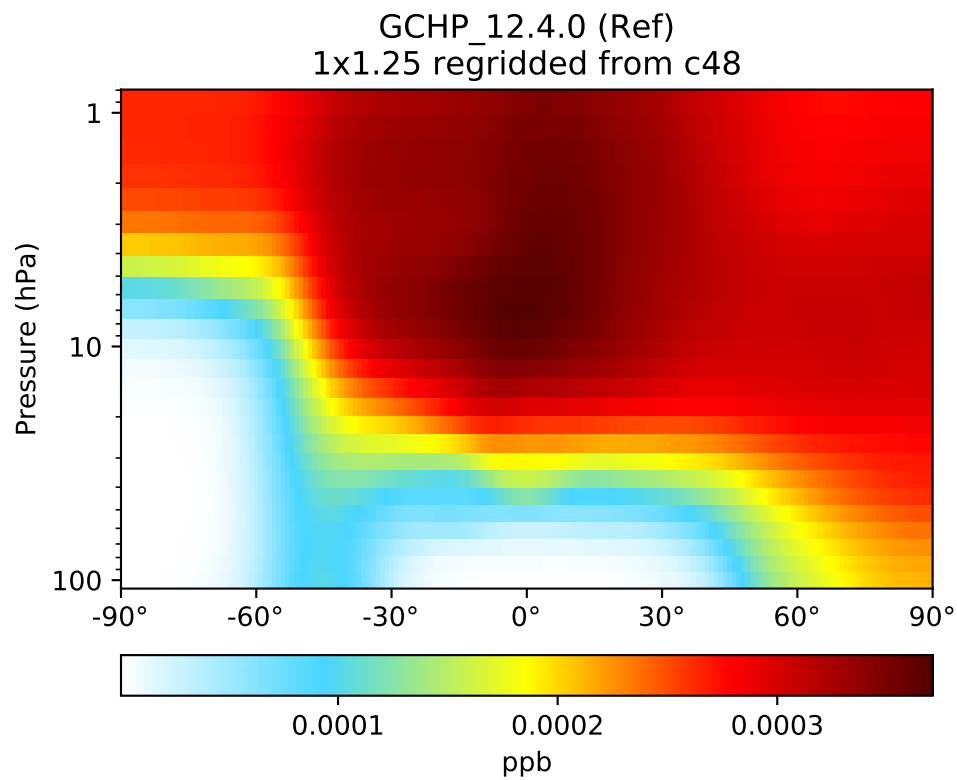
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

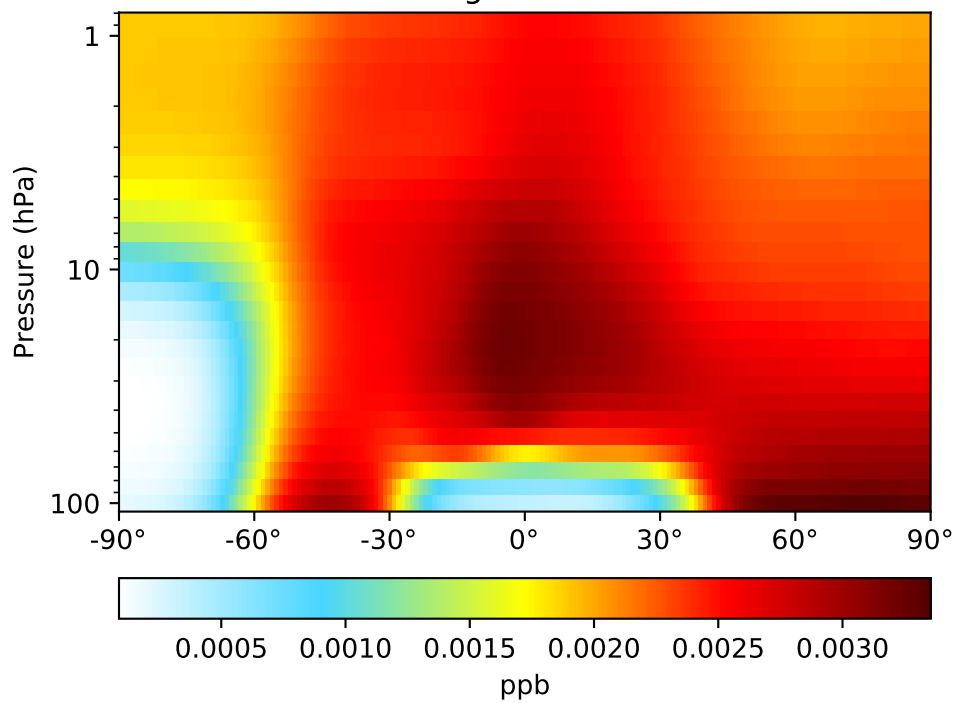


# SpeciesConc\_TSOG1, Zonal Mean

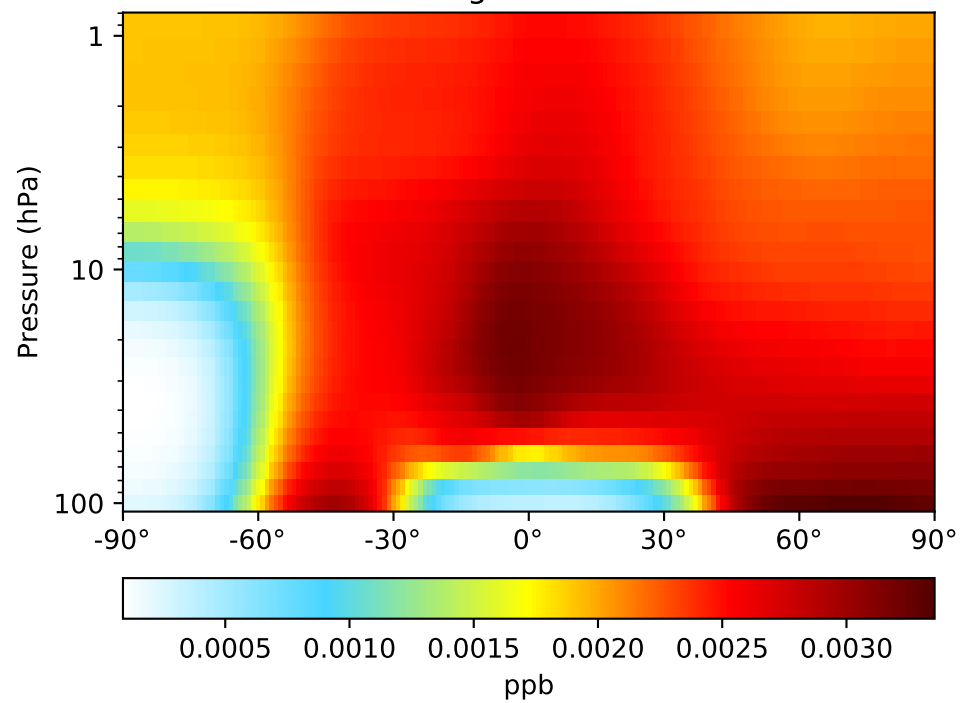


# SpeciesConc\_TSOG2, Zonal Mean

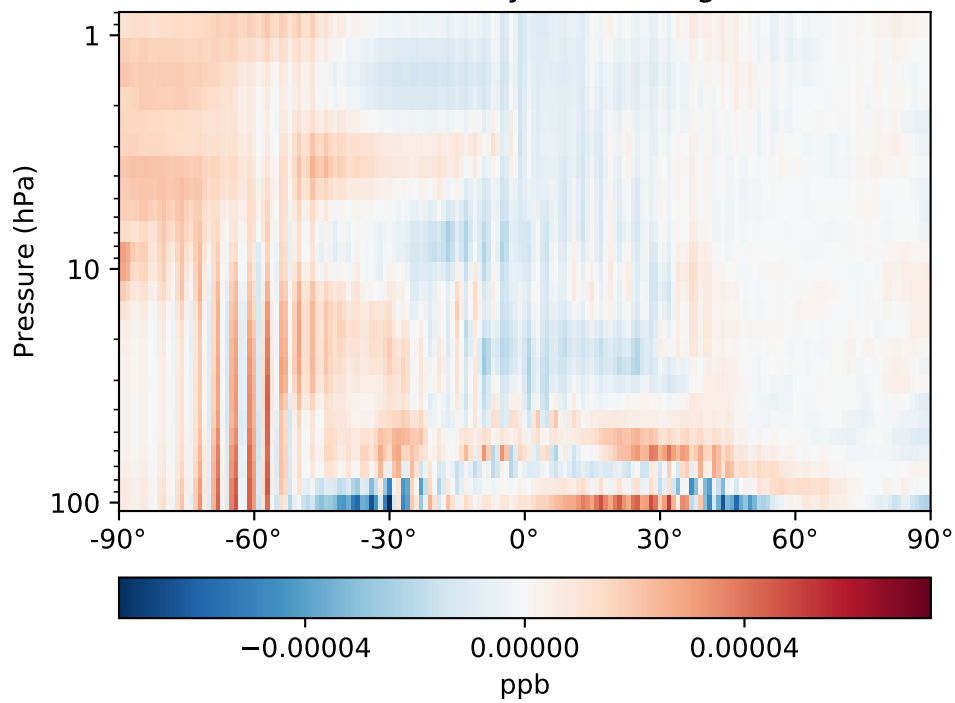
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



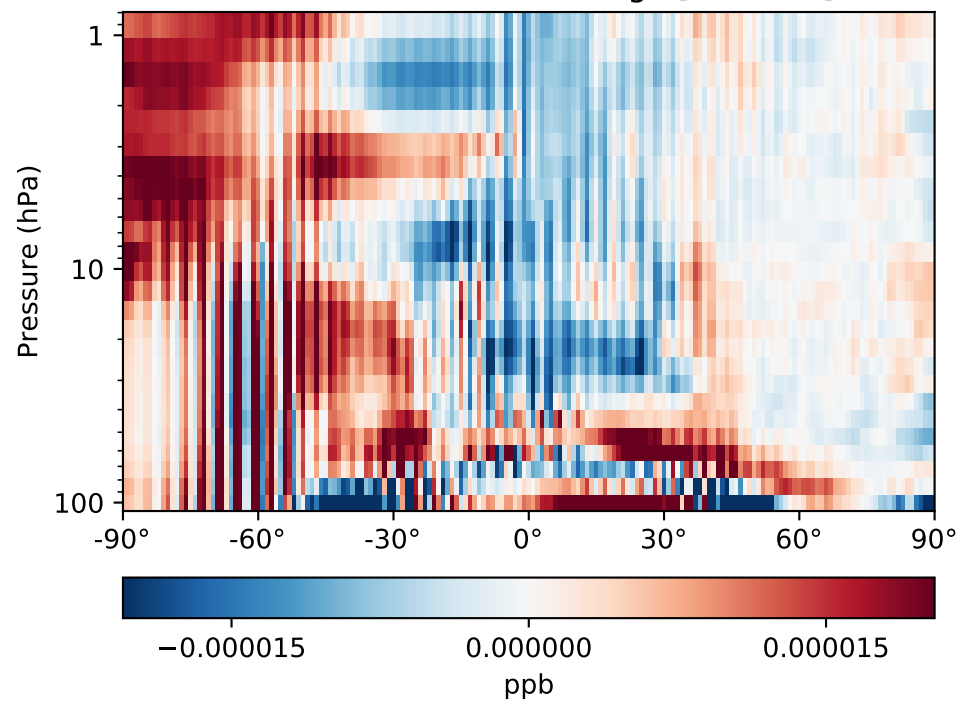
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



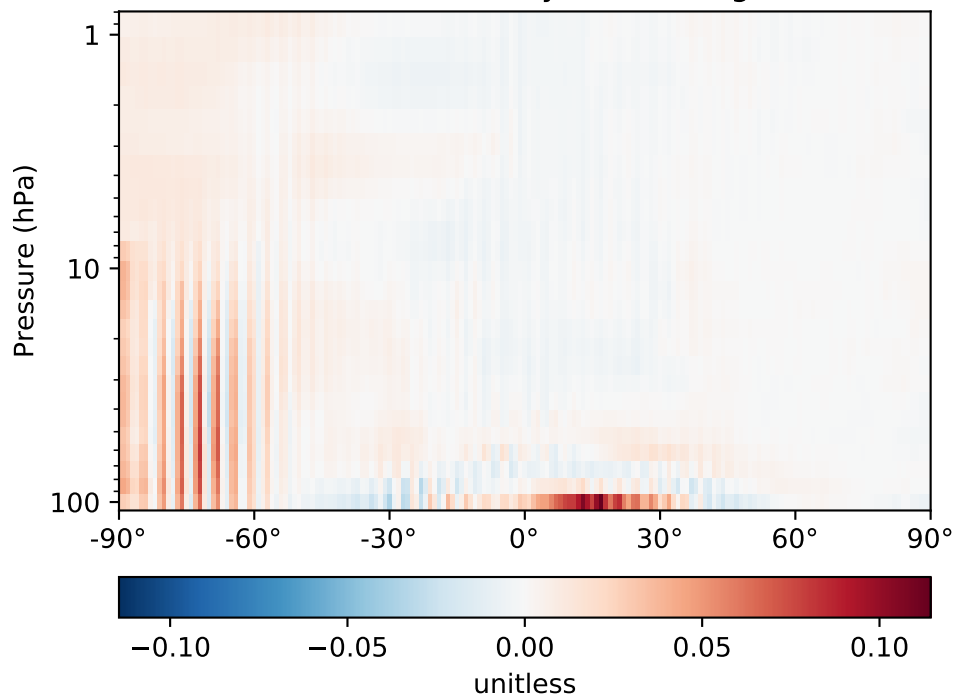
Difference (1x1.25)  
Dev - Ref, Dynamic Range



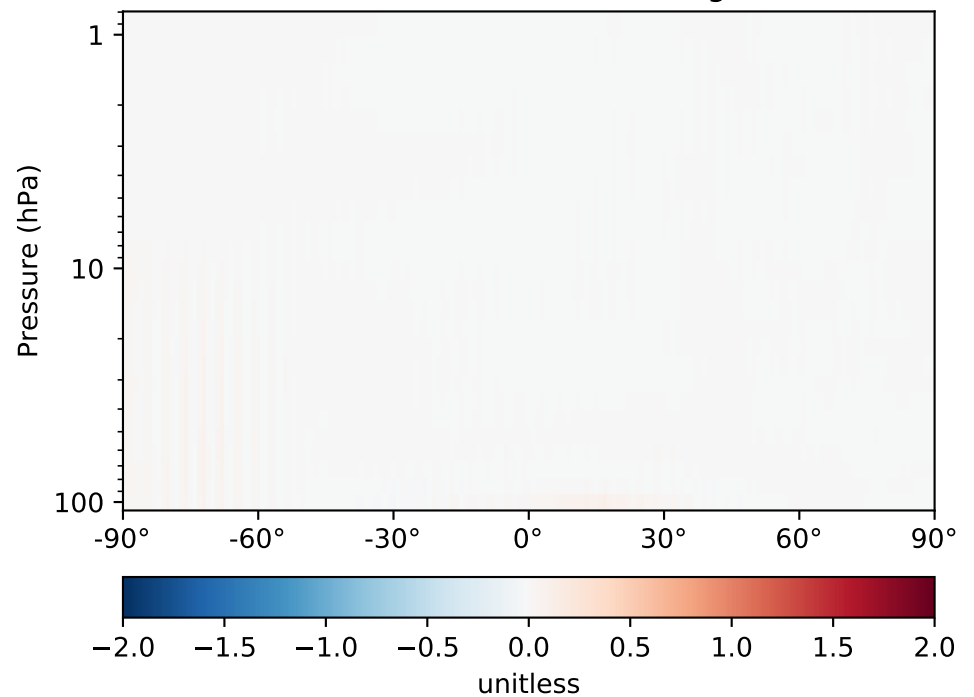
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range



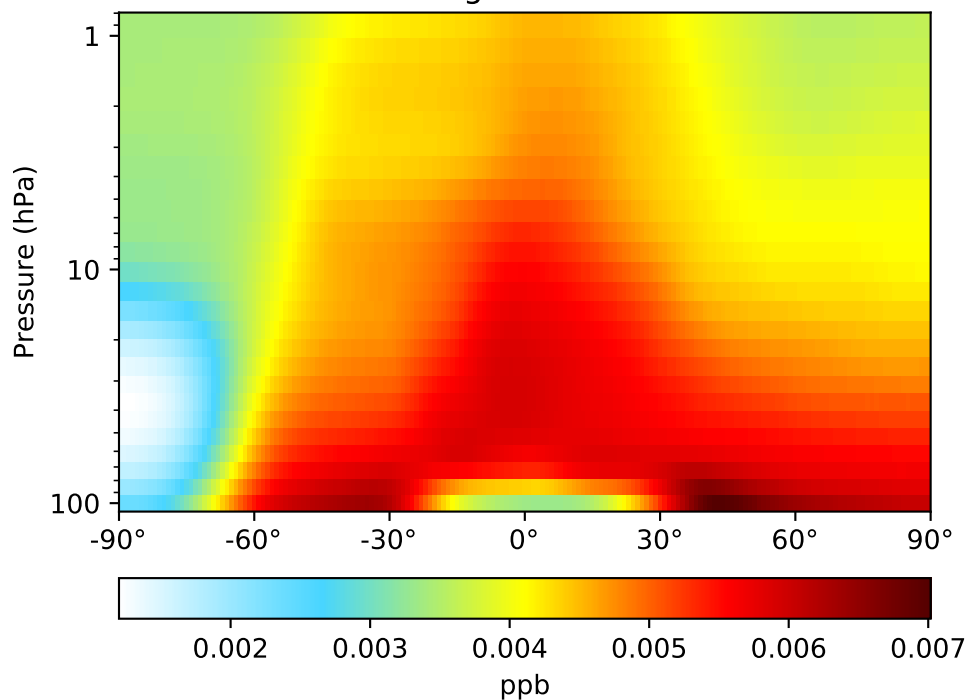
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



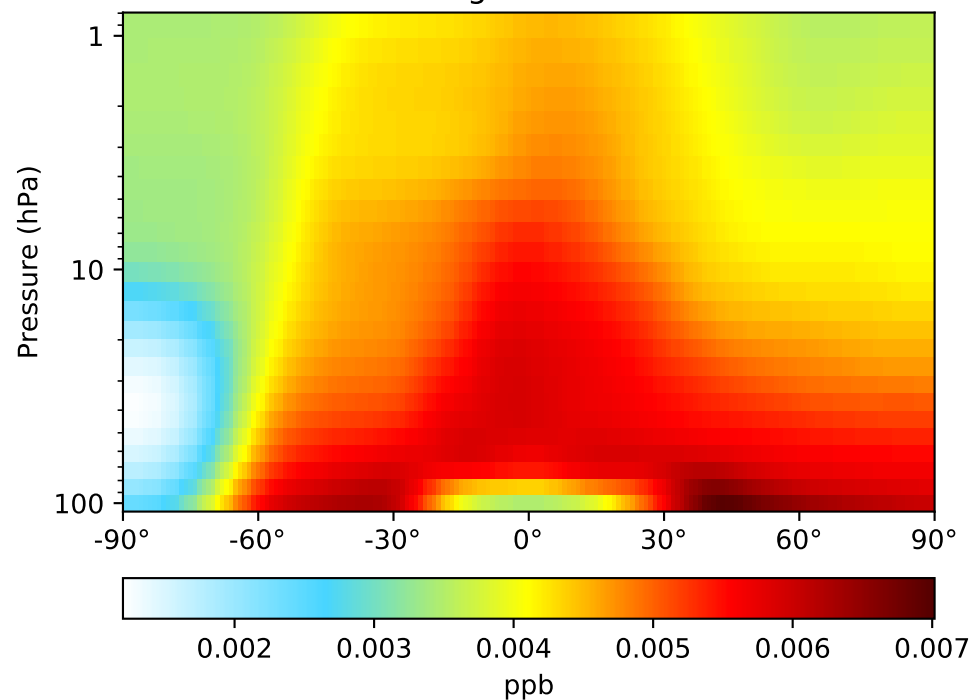


# SpeciesConc\_TSOG3, Zonal Mean

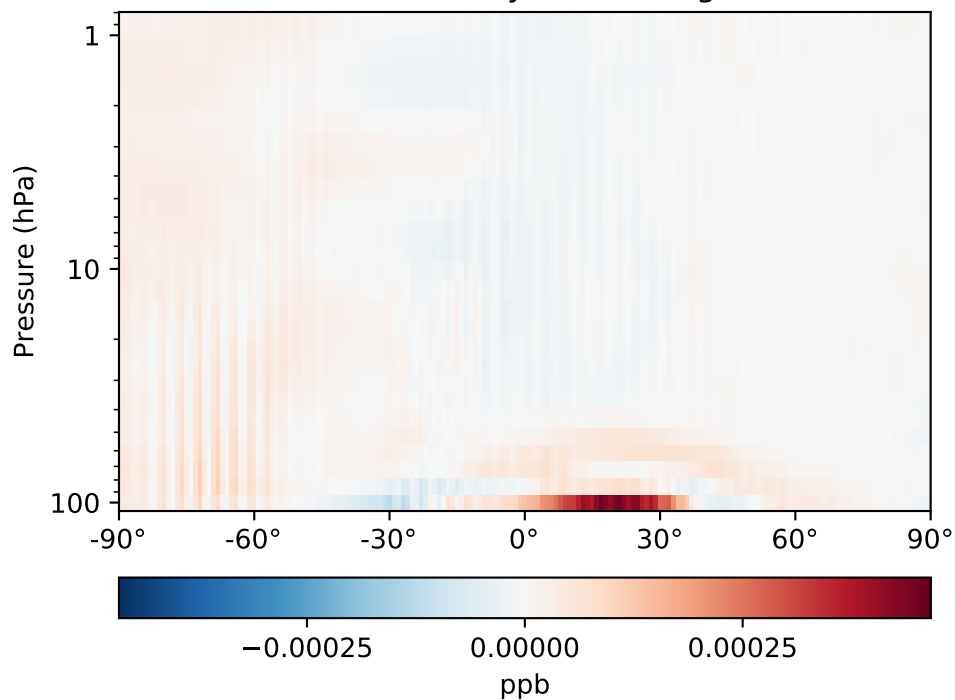
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



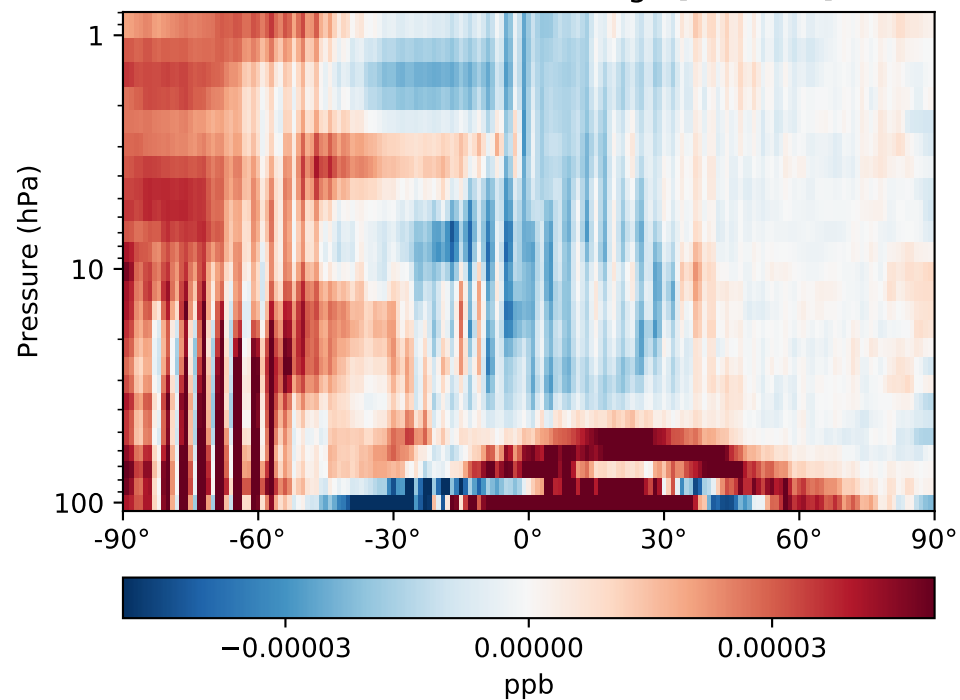
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



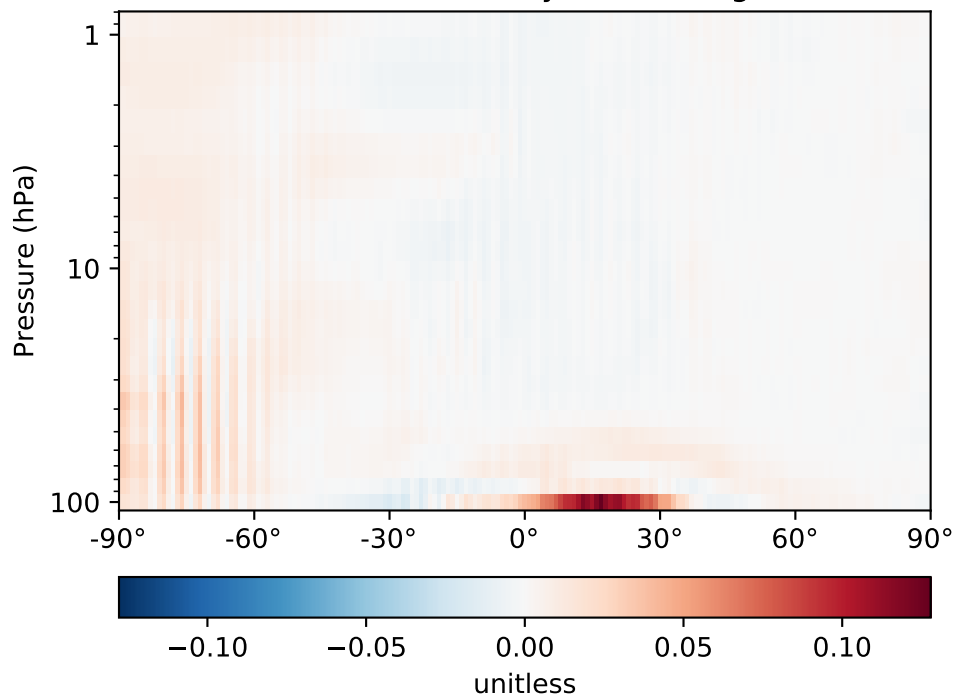
Difference (1x1.25)  
Dev - Ref, Dynamic Range



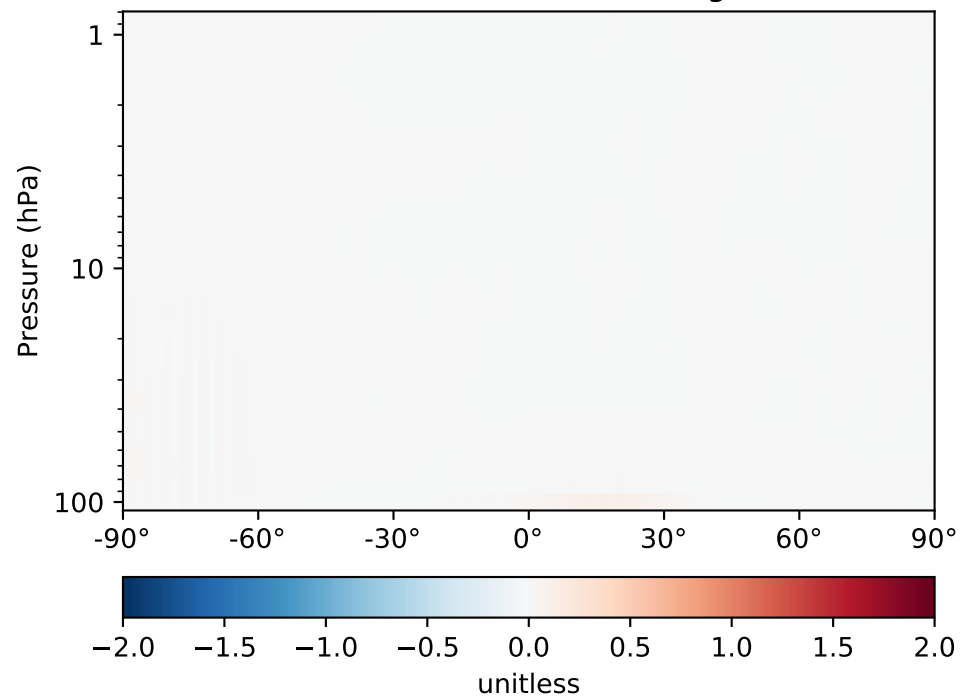
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range

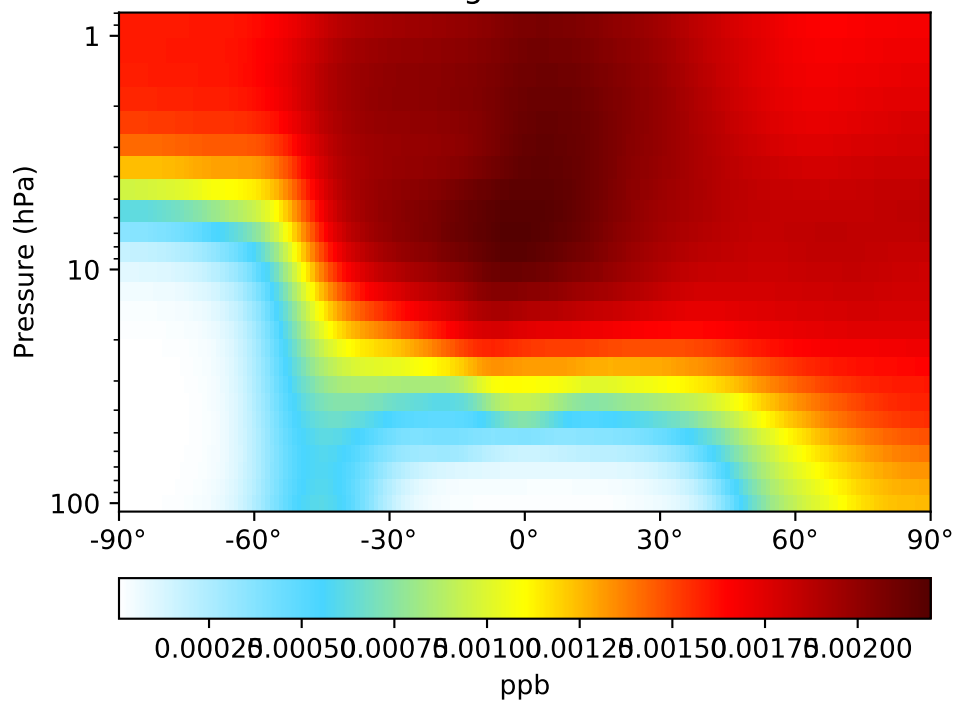


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

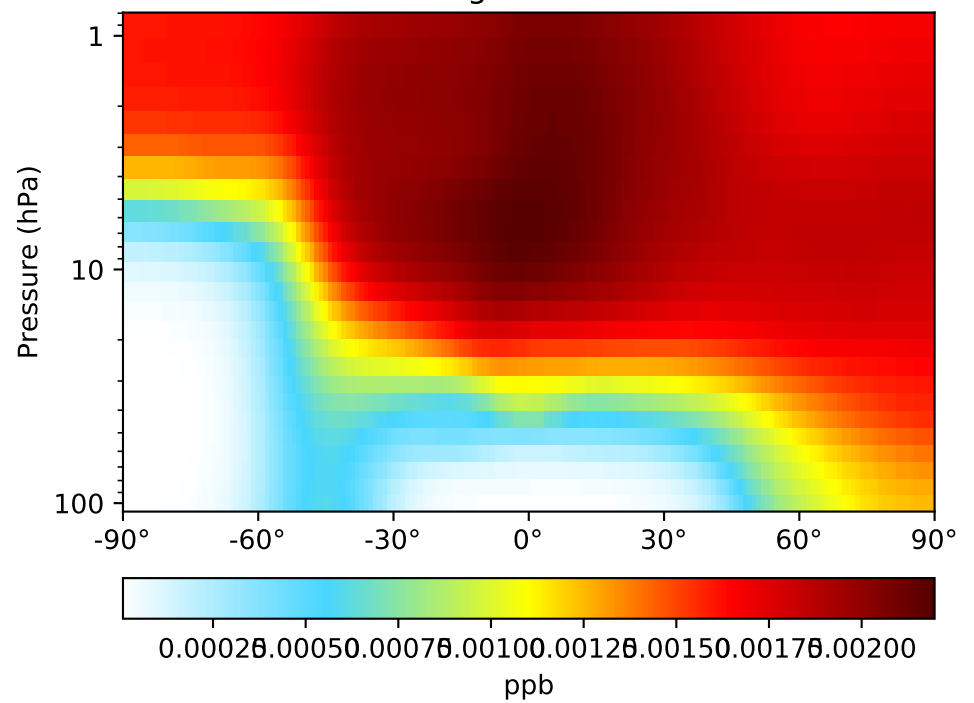


# SpeciesConc\_ISO G1, Zonal Mean

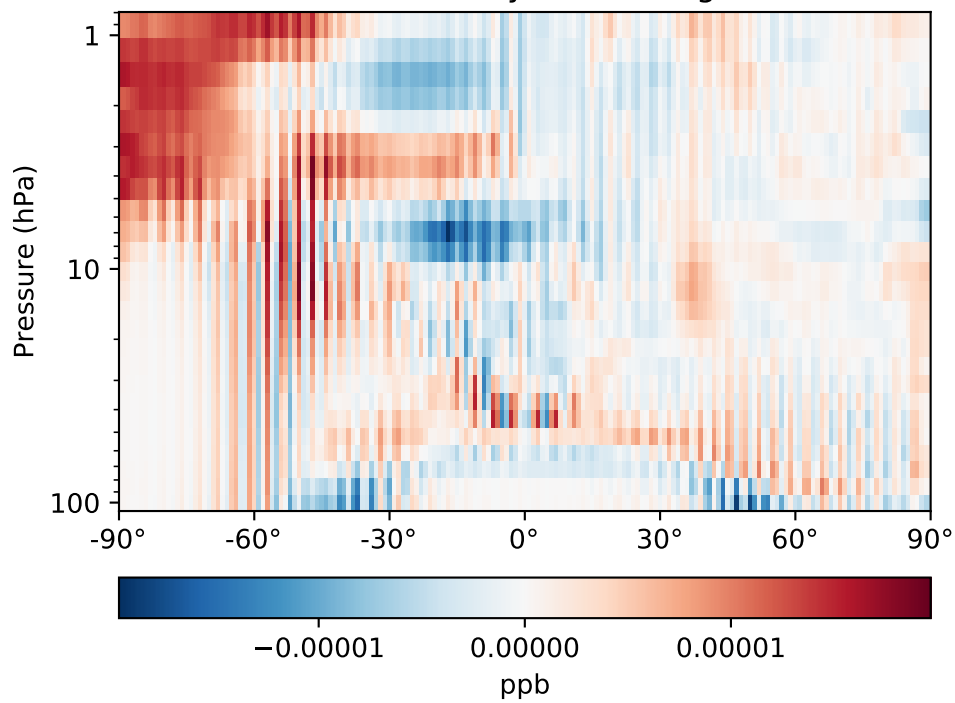
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



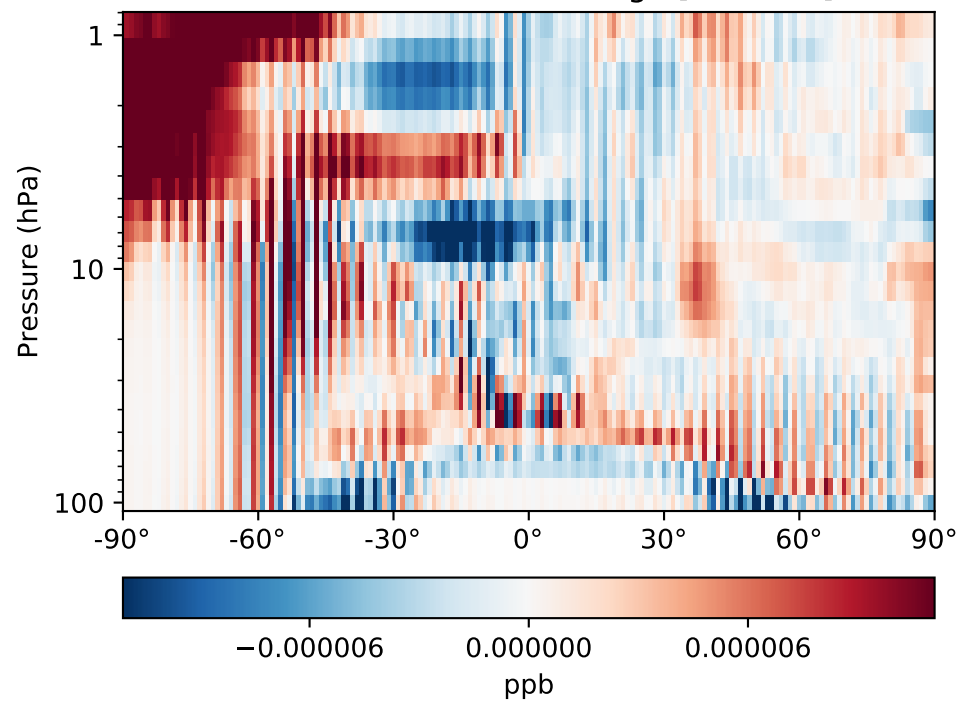
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



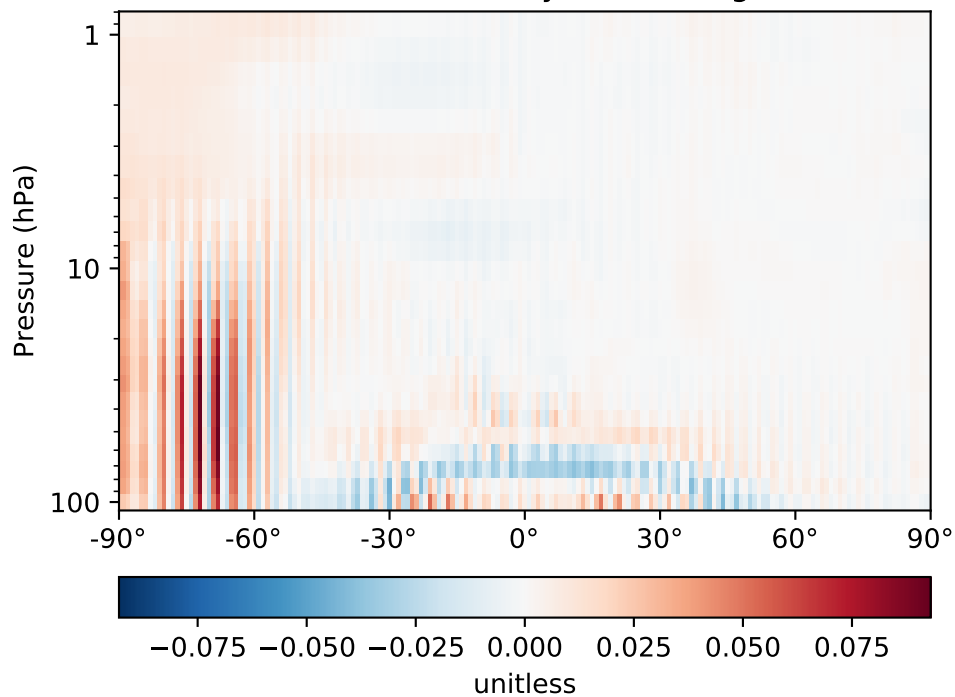
Difference (1x1.25)  
Dev - Ref, Dynamic Range



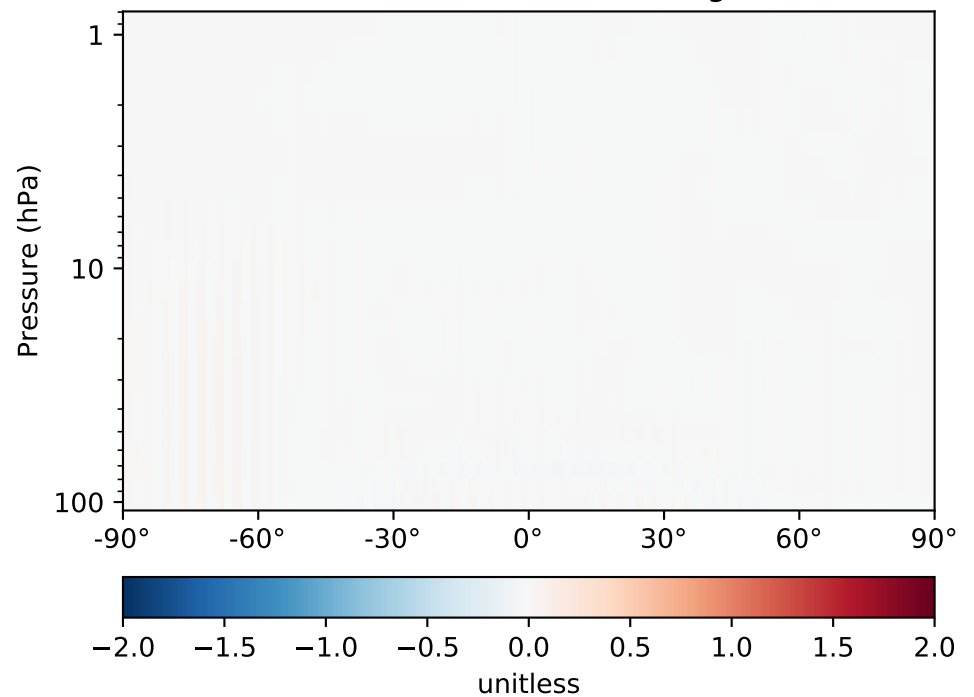
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range

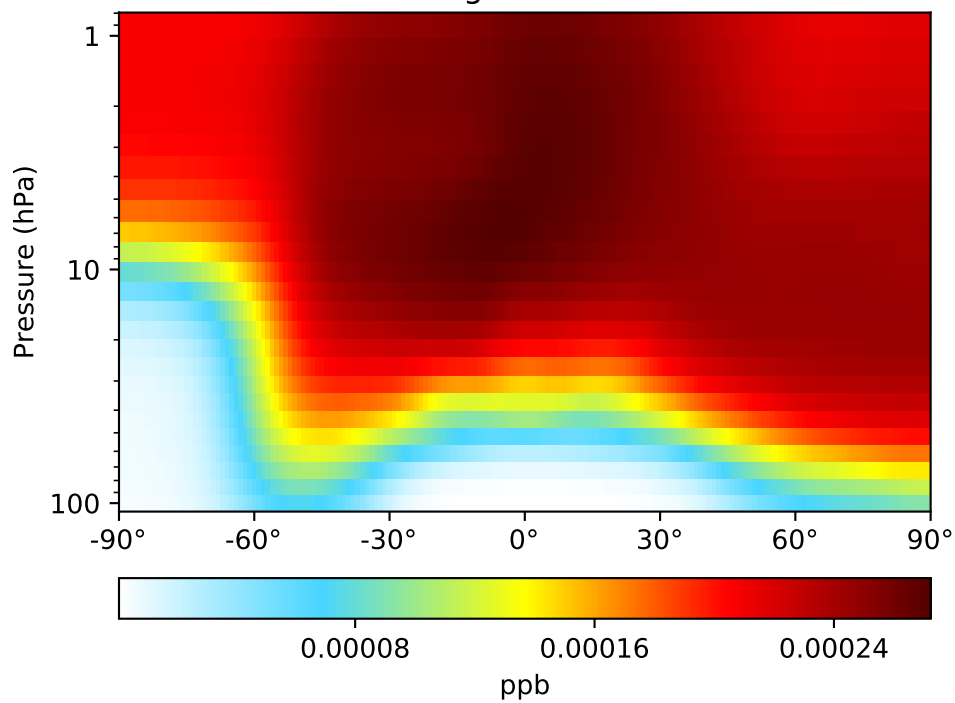


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

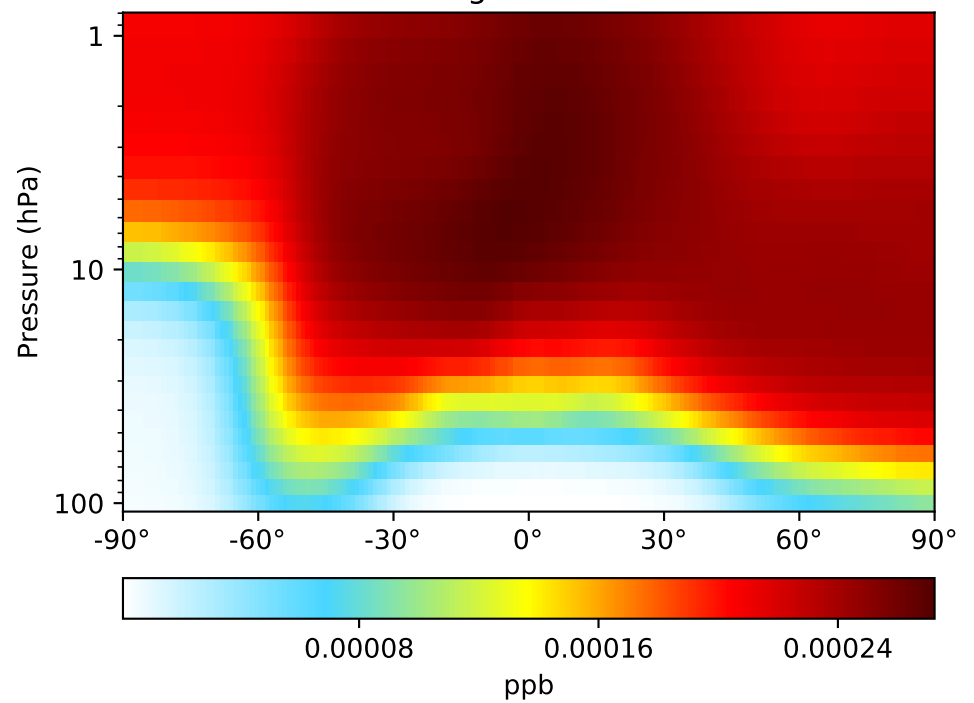


# SpeciesConc\_ISO2, Zonal Mean

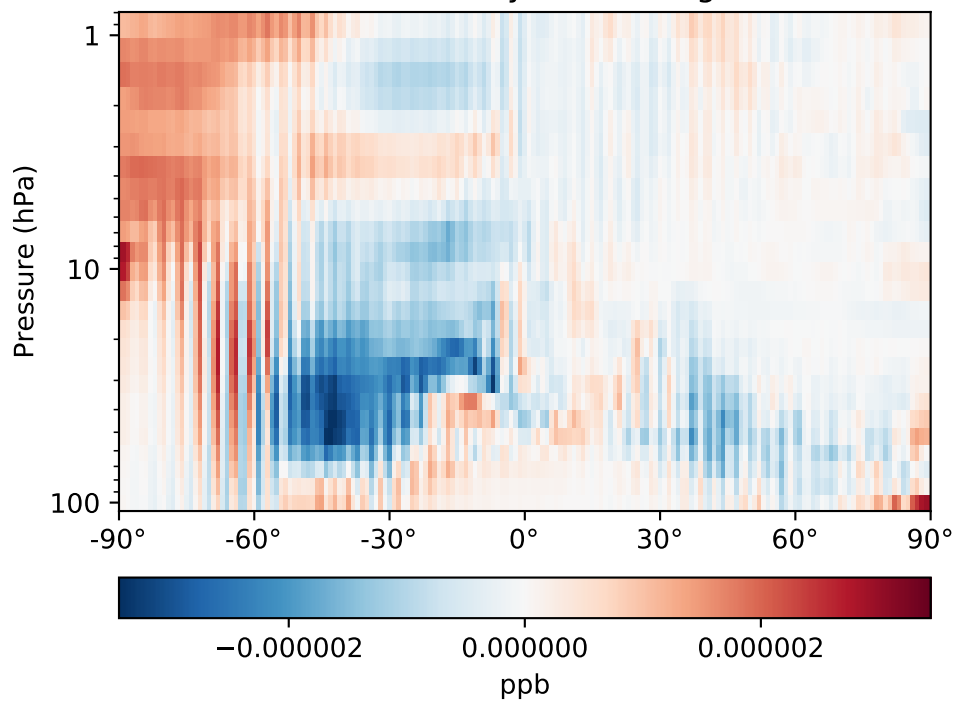
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



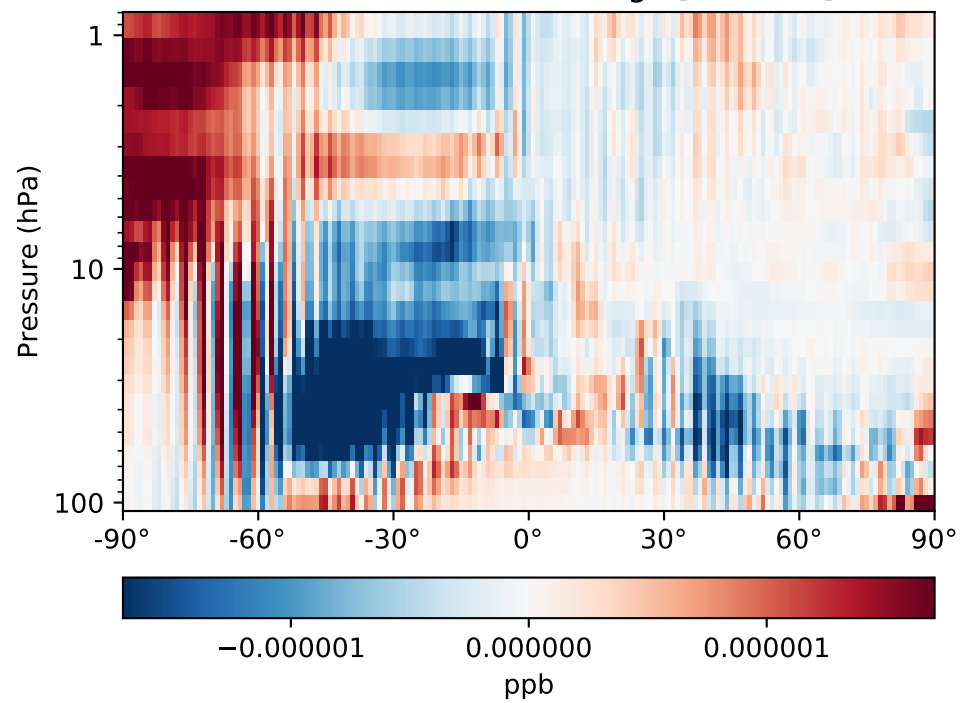
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



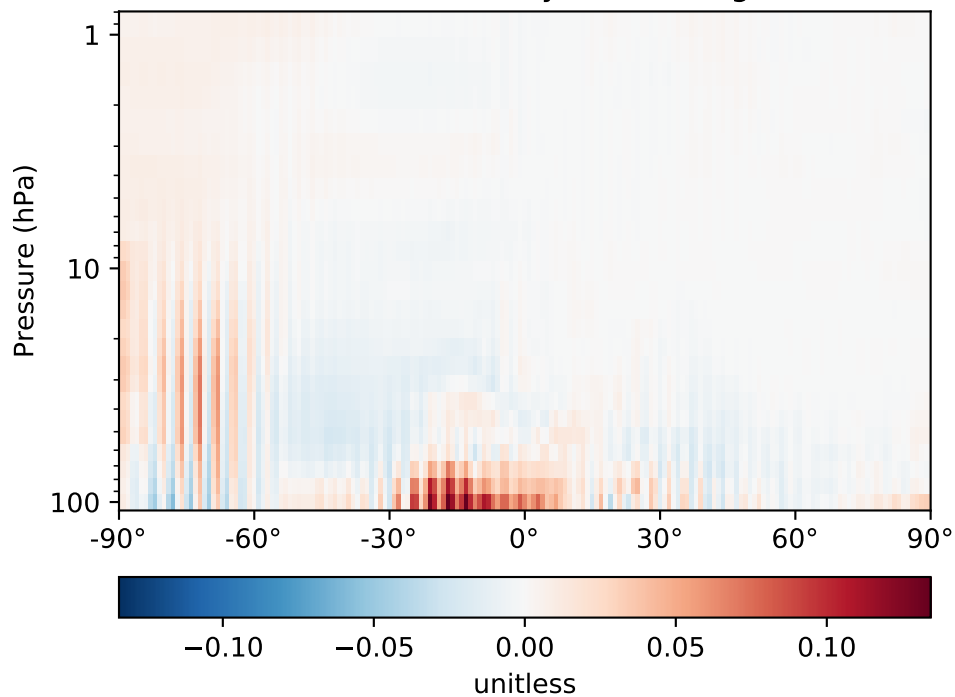
Difference (1x1.25)  
Dev - Ref, Dynamic Range



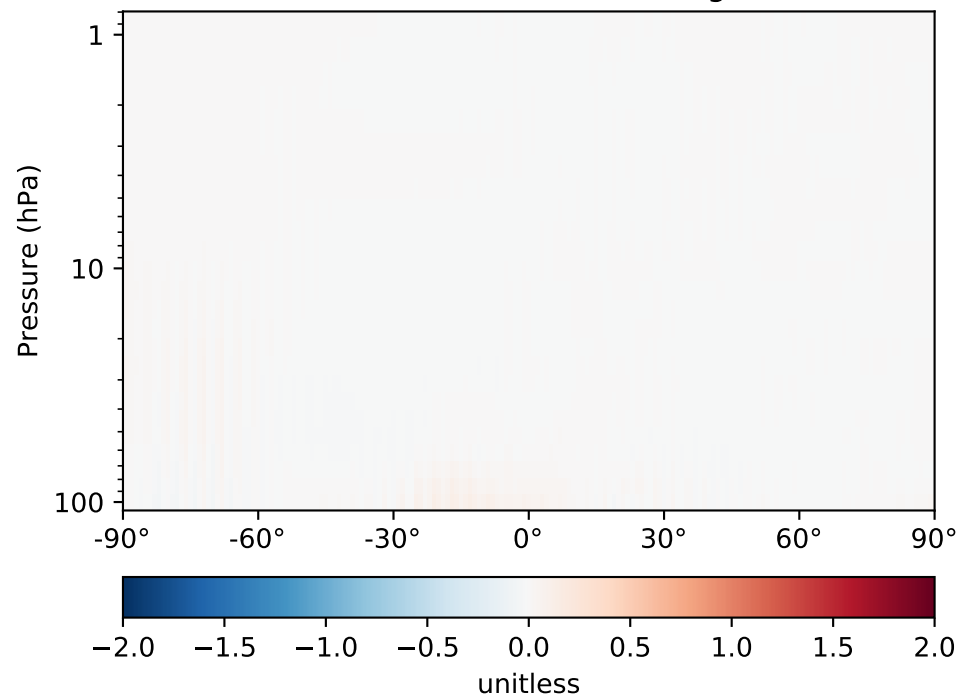
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



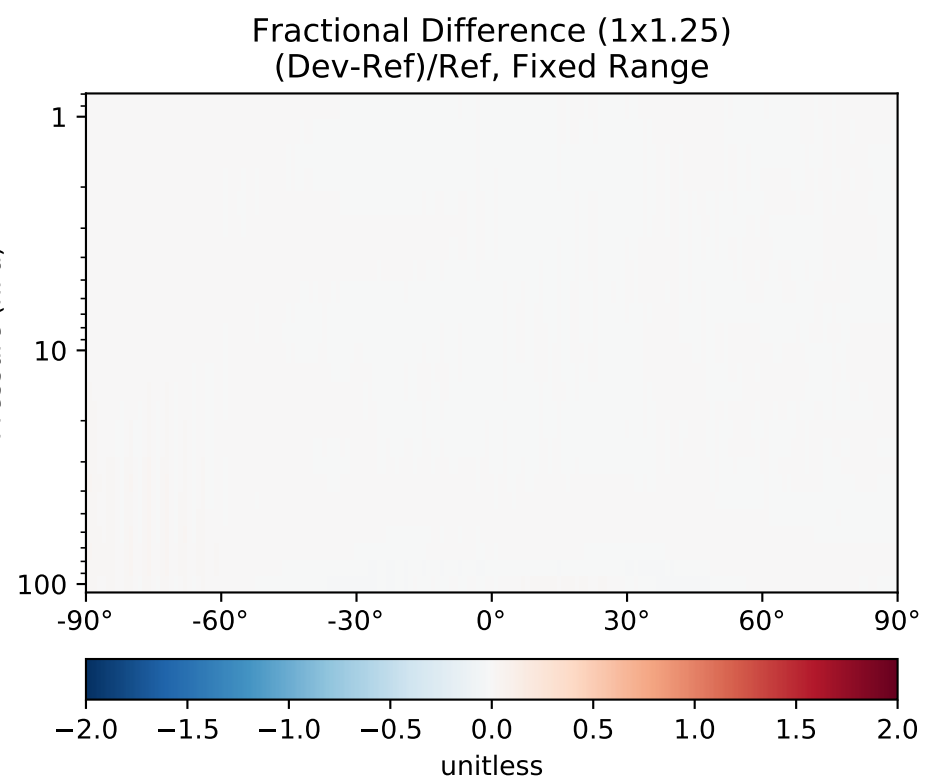
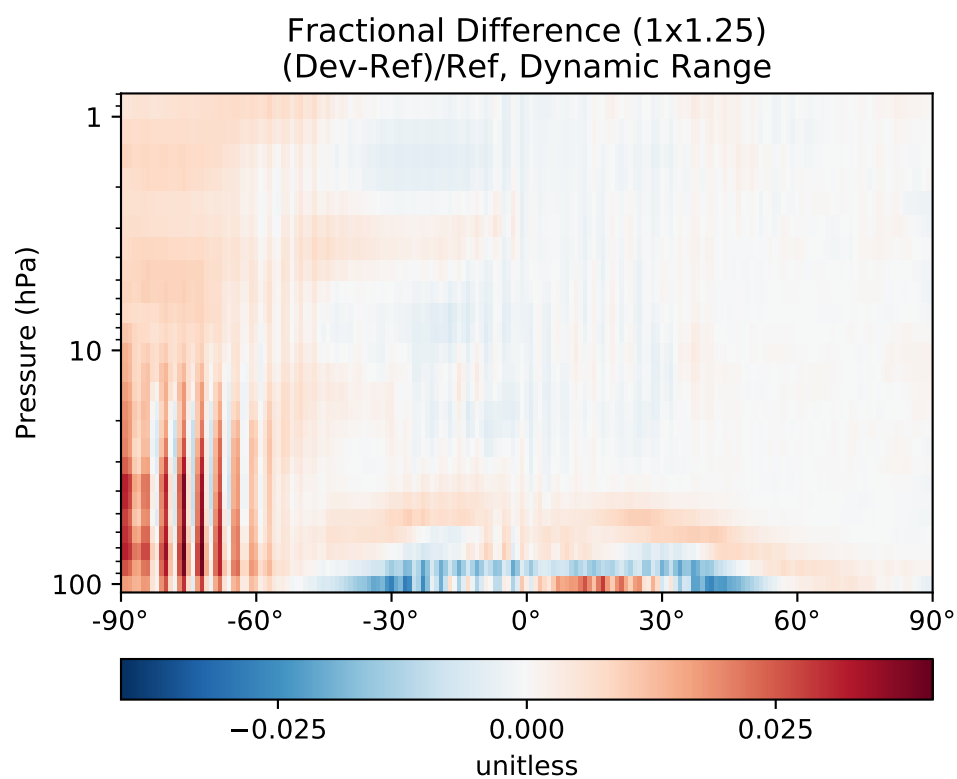
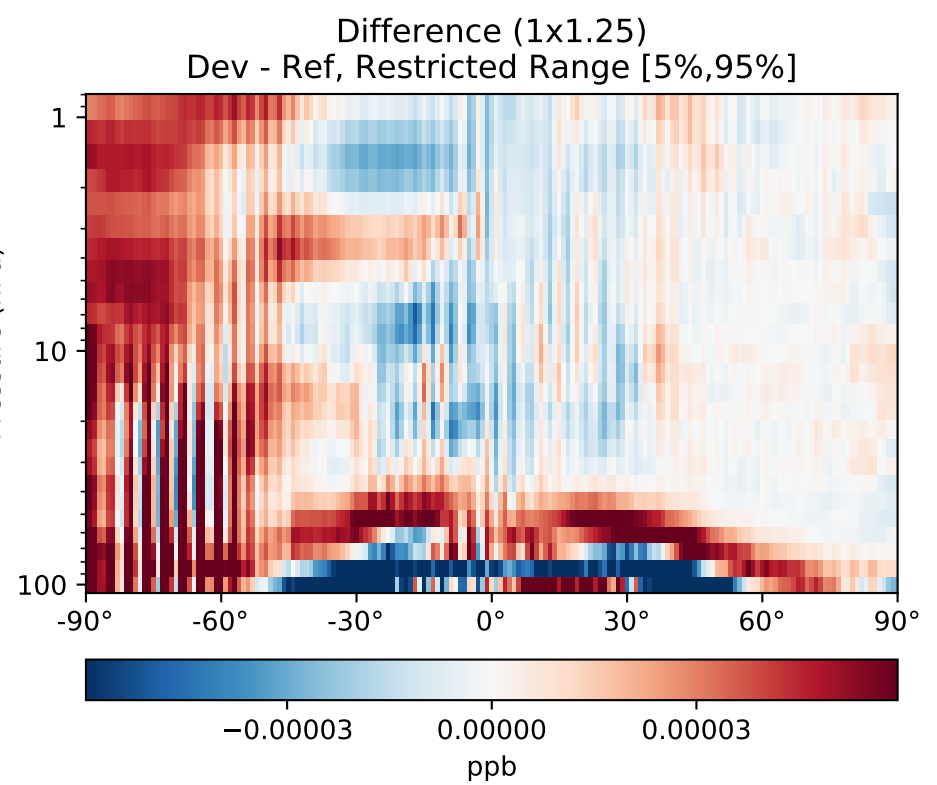
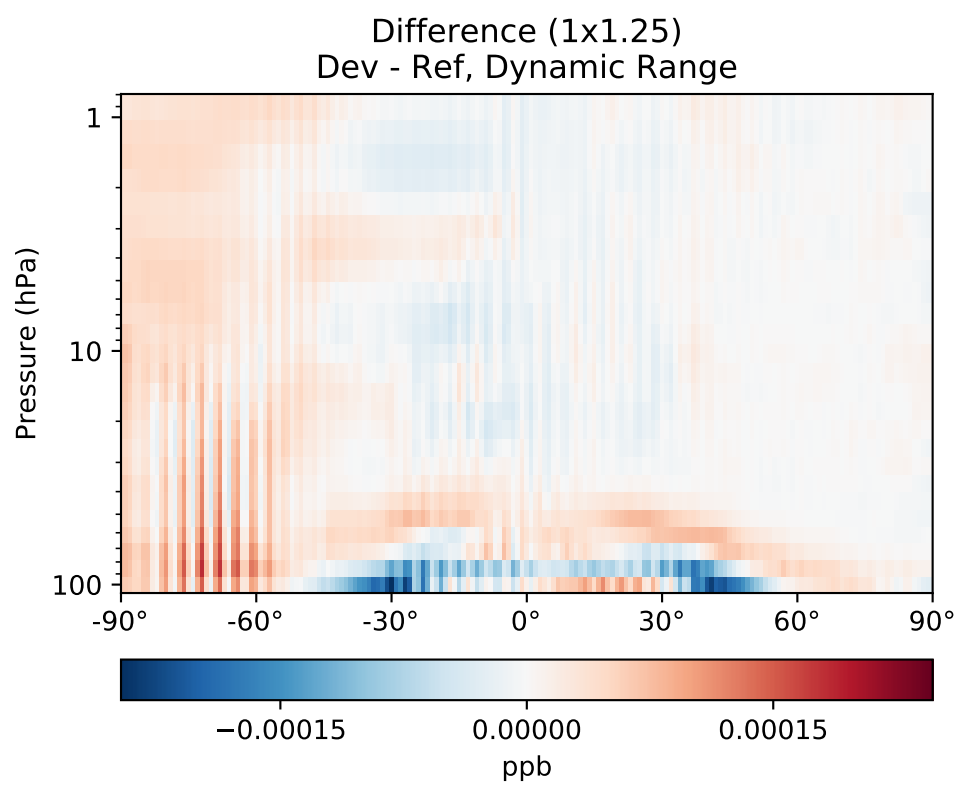
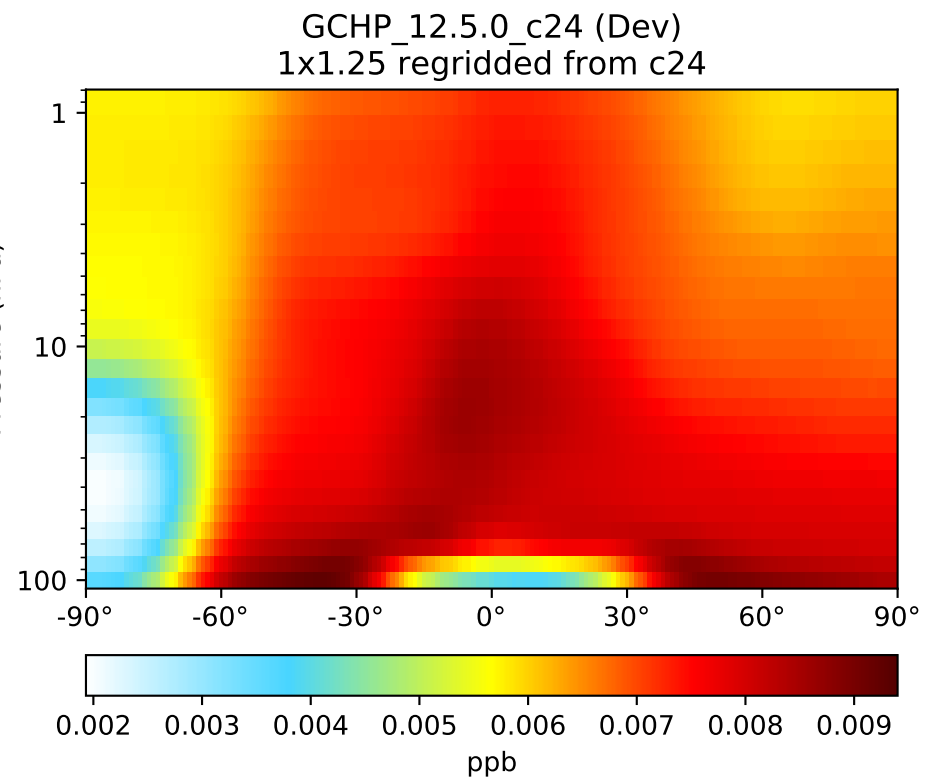
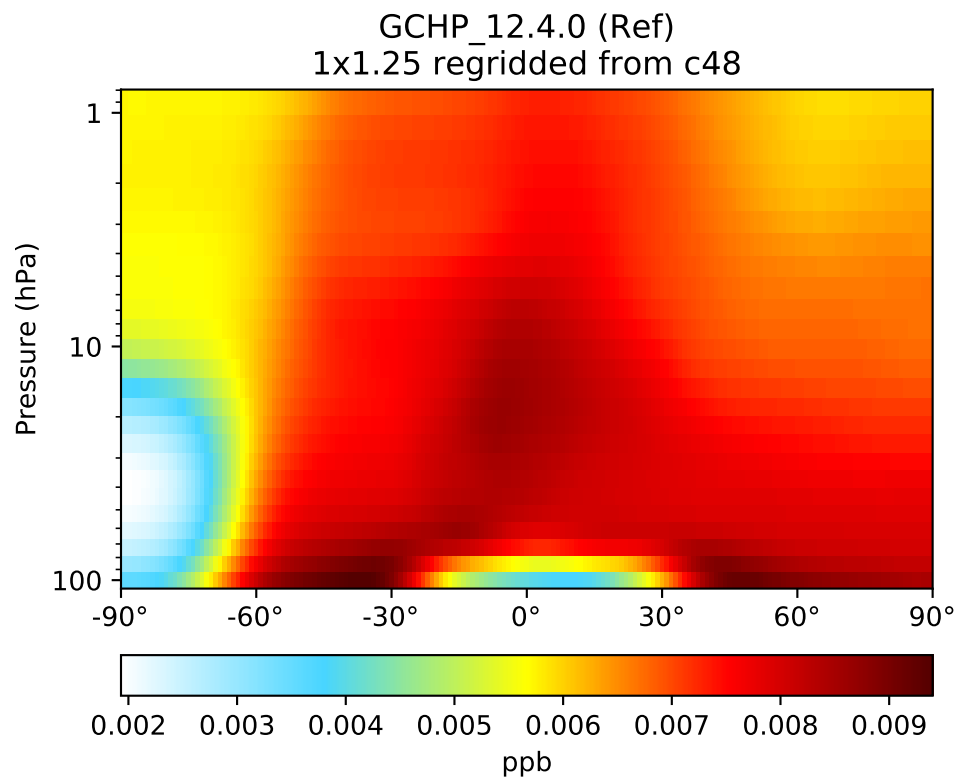
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

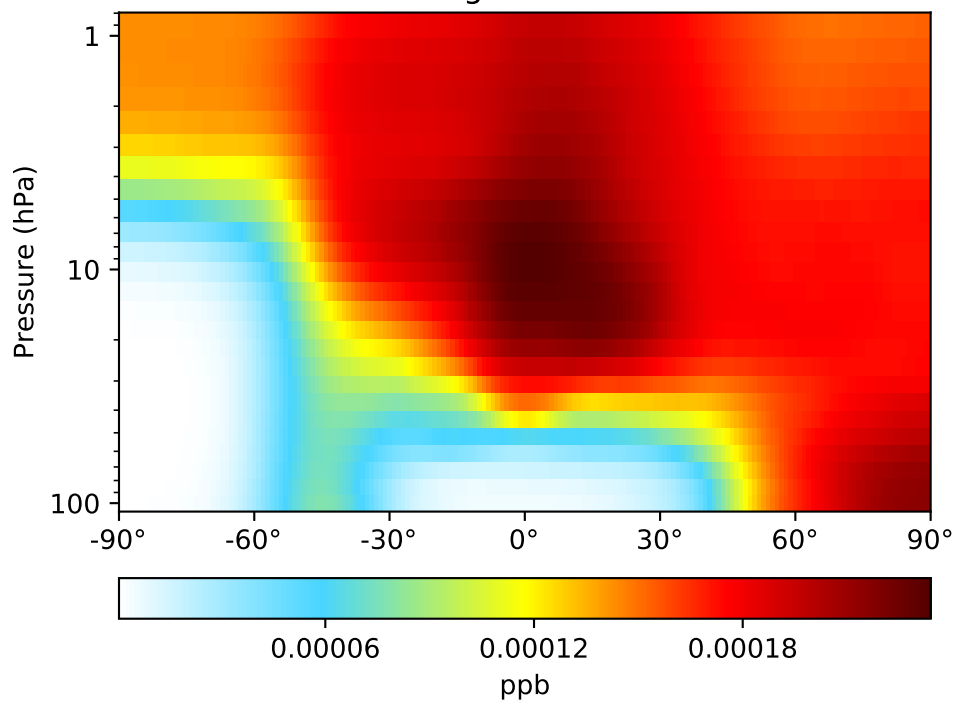


# SpeciesConc\_ISO3, Zonal Mean

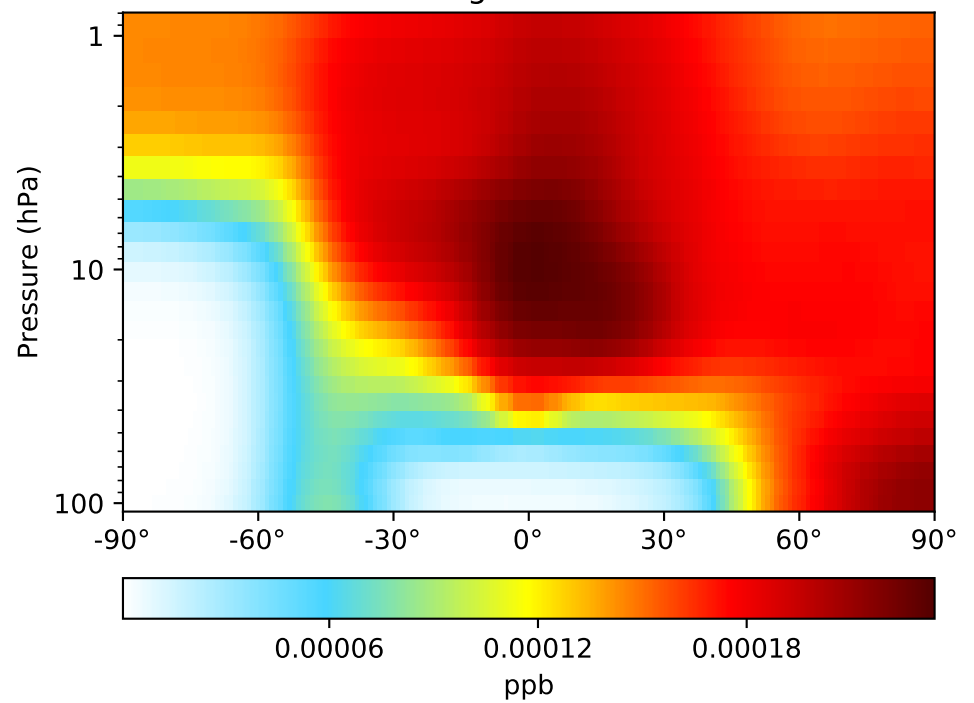


# SpeciesConc\_ASOG1, Zonal Mean

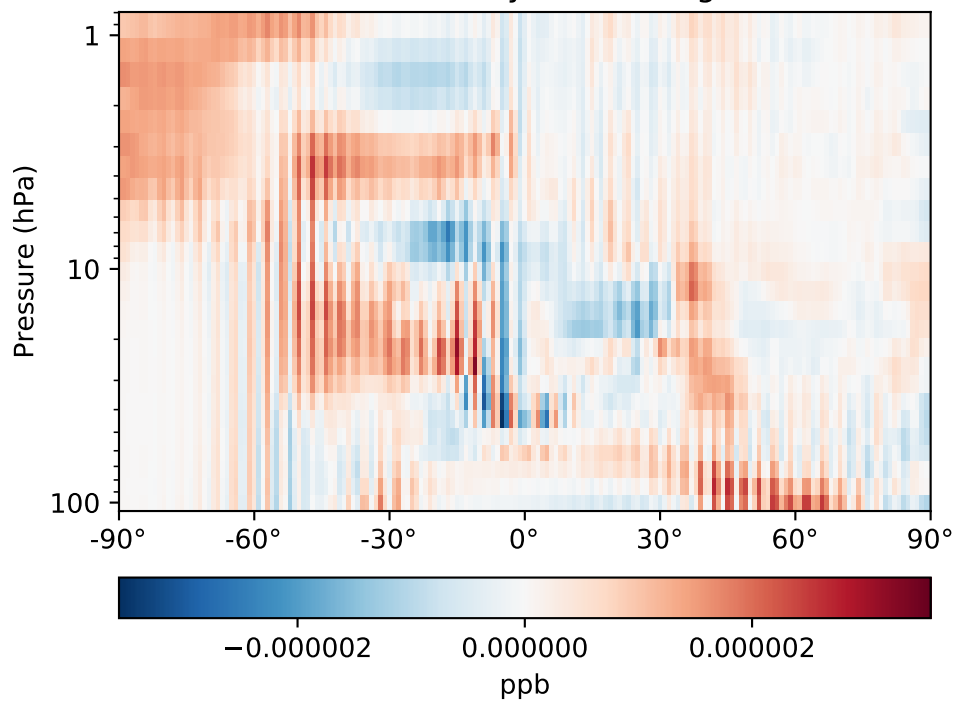
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



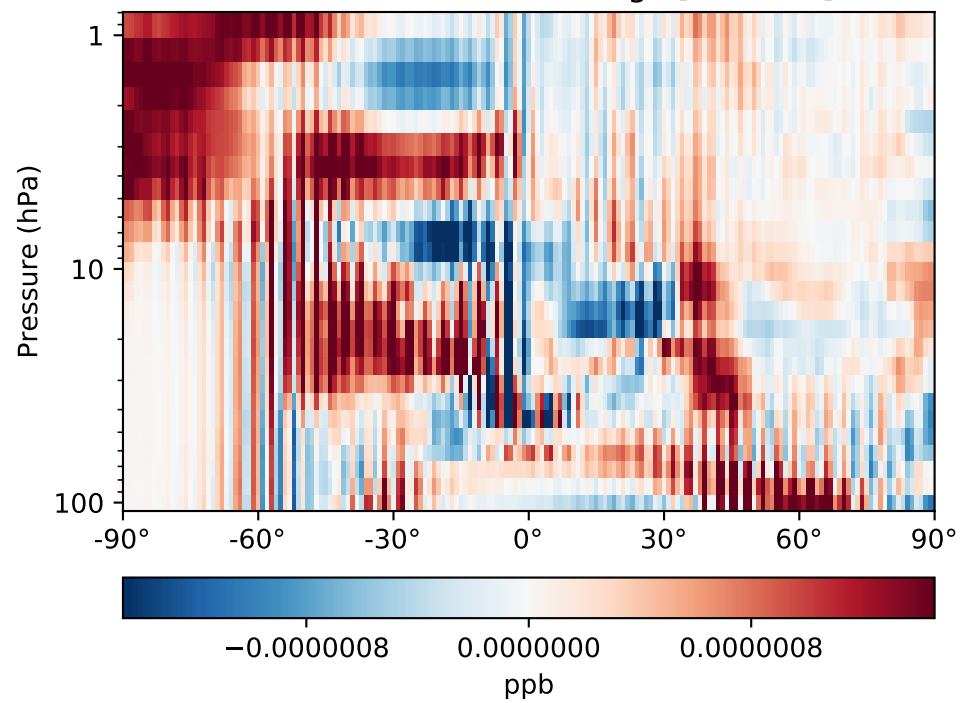
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



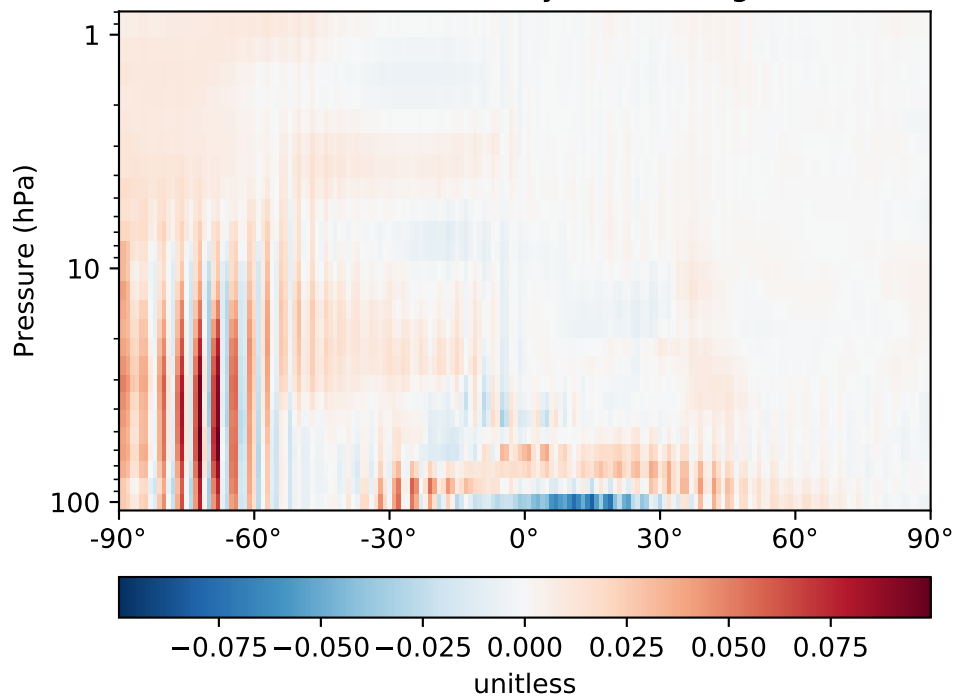
Difference (1x1.25)  
Dev - Ref, Dynamic Range



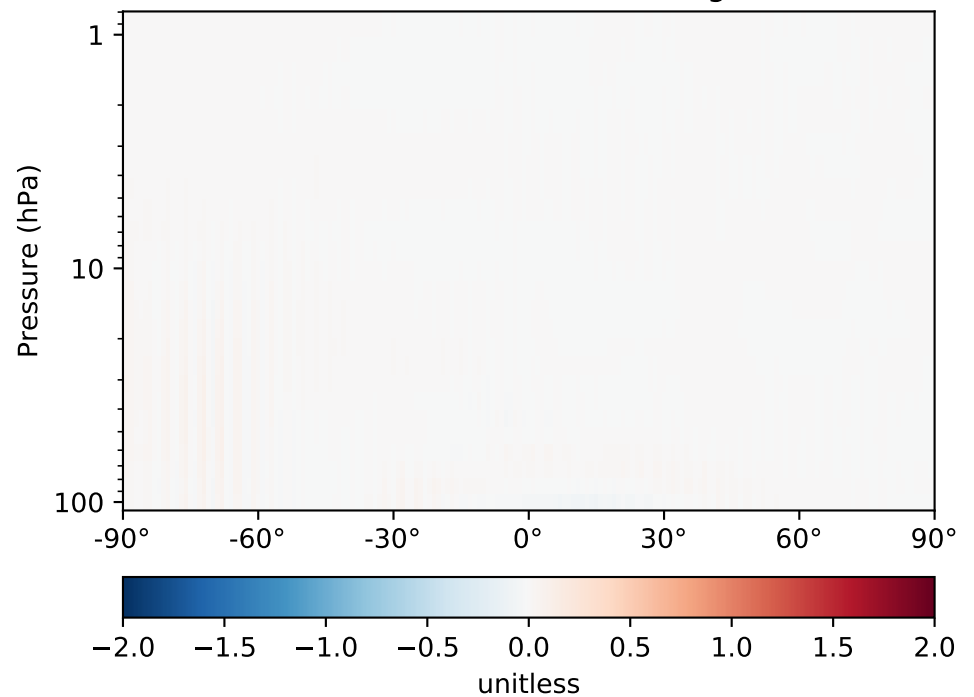
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range

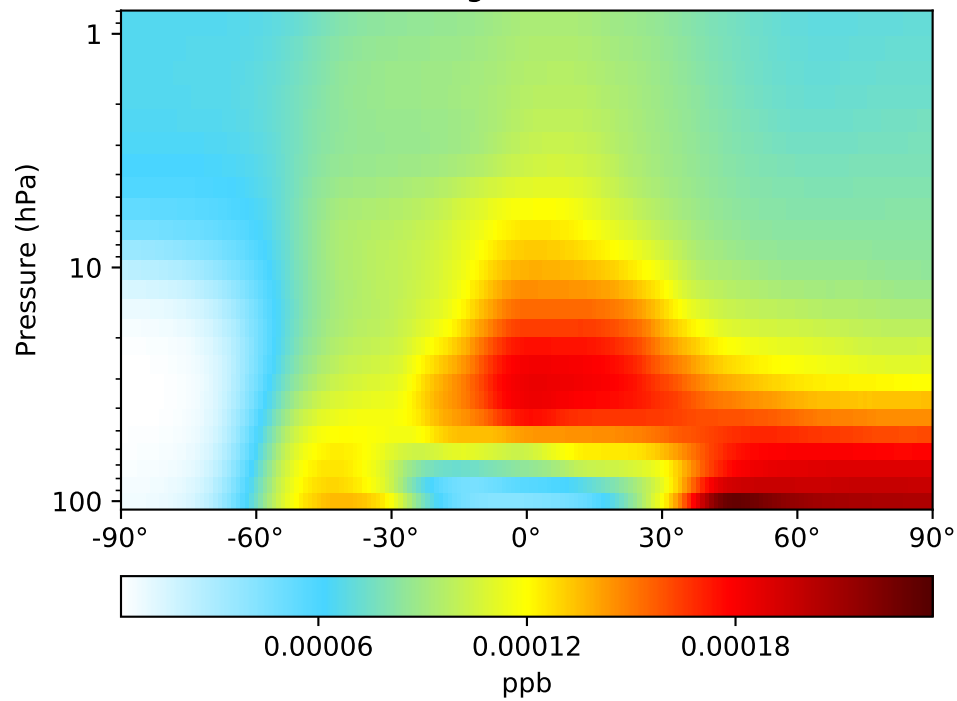


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

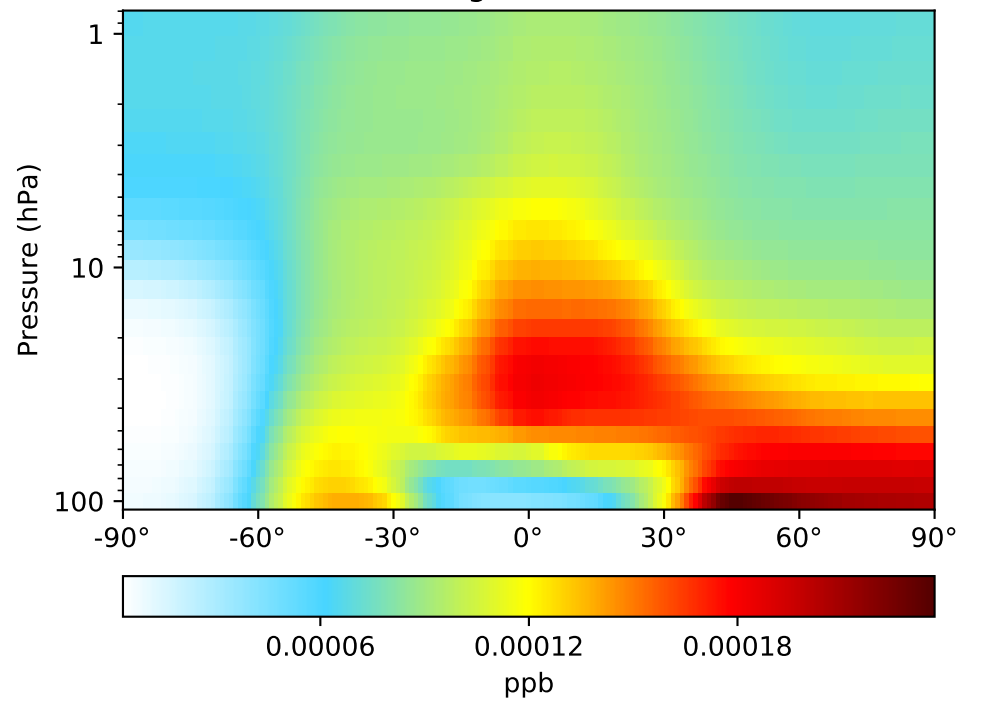


# SpeciesConc\_ASOG2, Zonal Mean

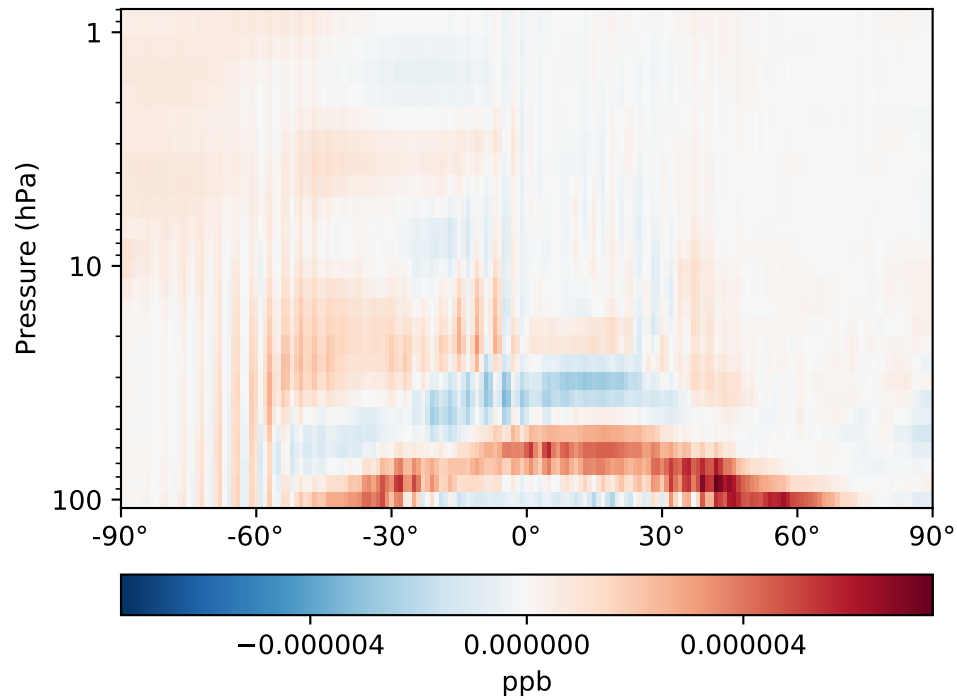
GCHP\_12.4.0 (Ref)  
1x1.25 regridded from c48



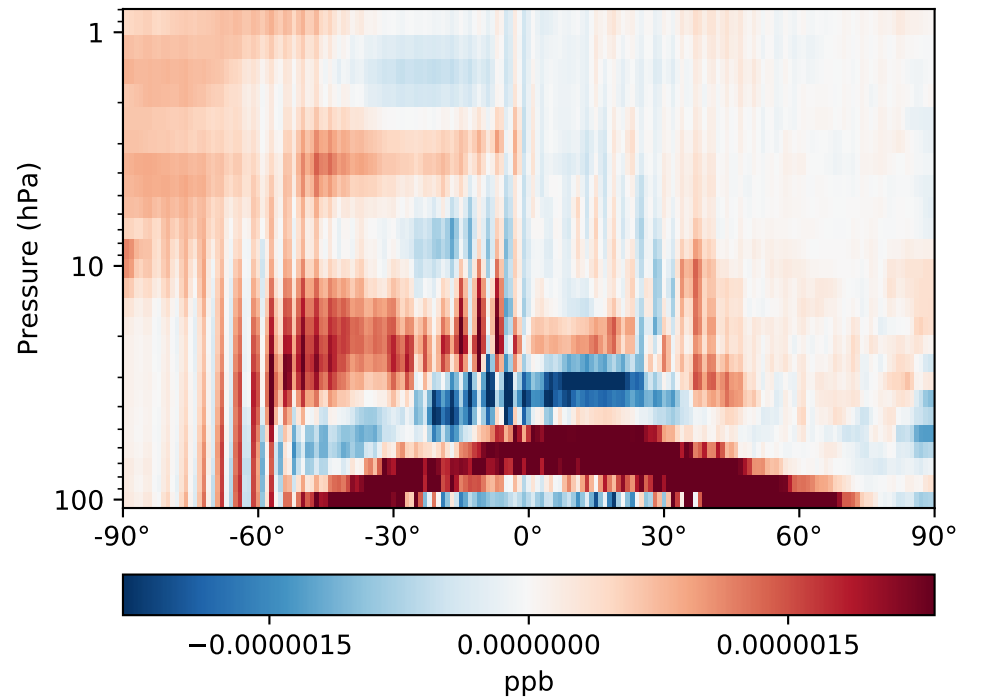
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regridded from c24



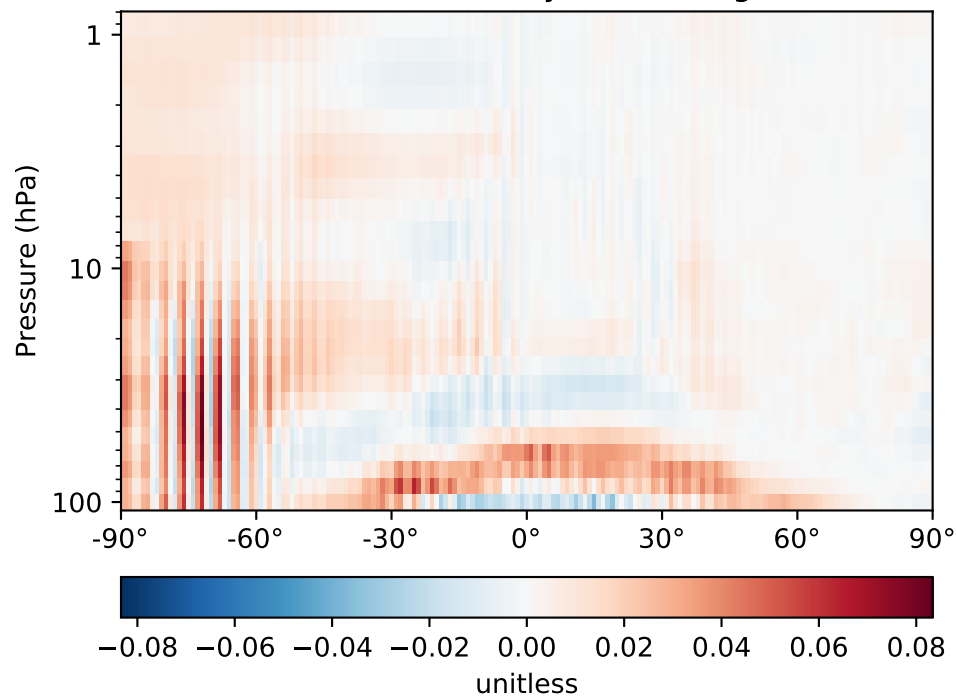
Difference (1x1.25)  
Dev - Ref, Dynamic Range



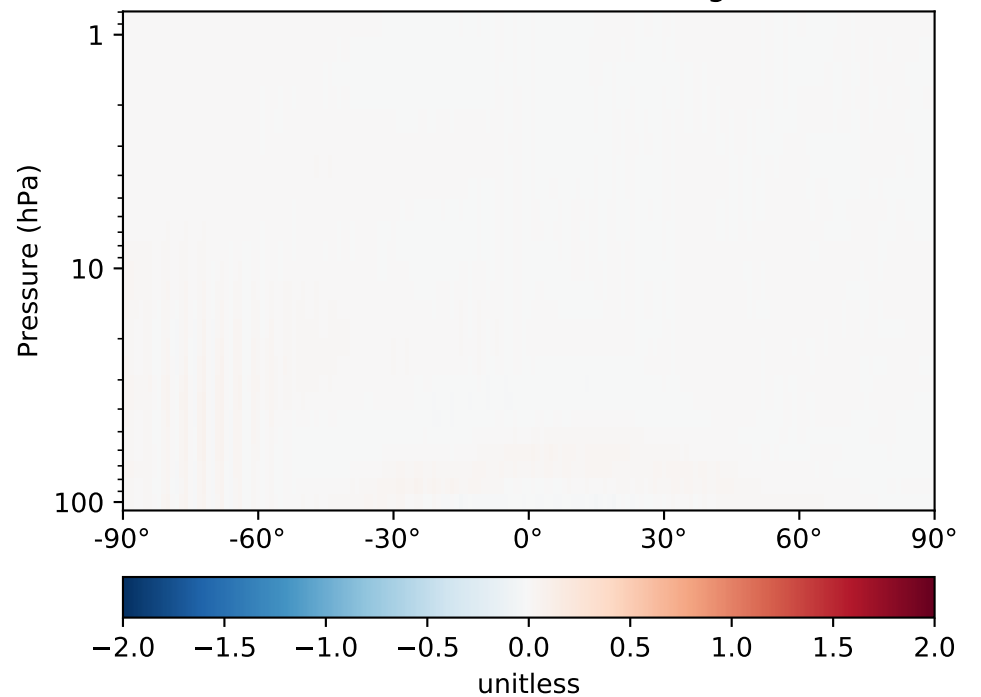
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range

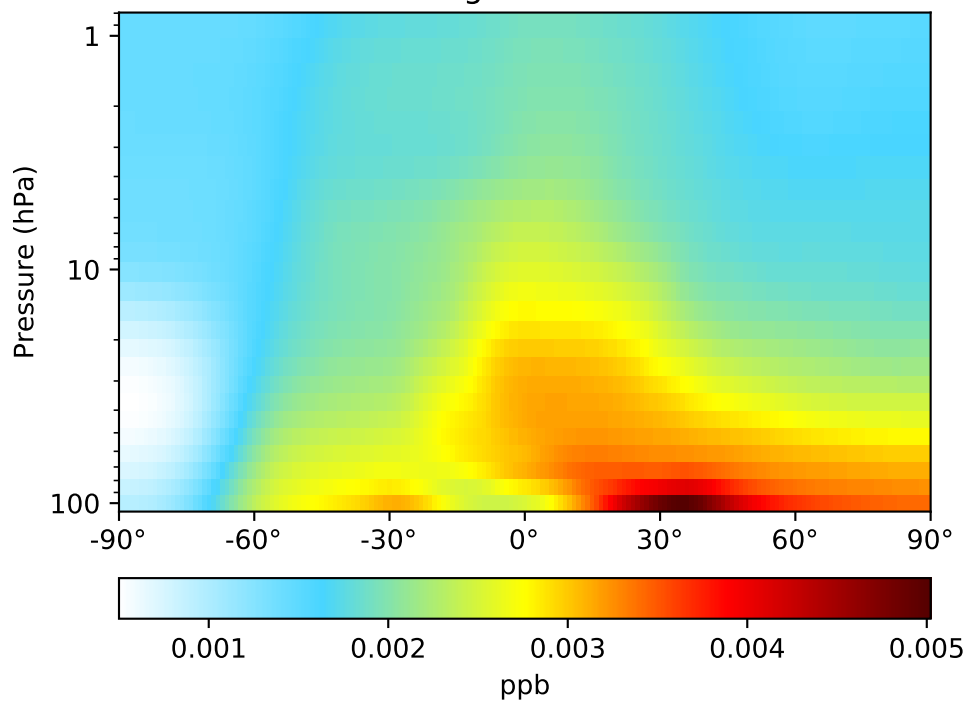


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

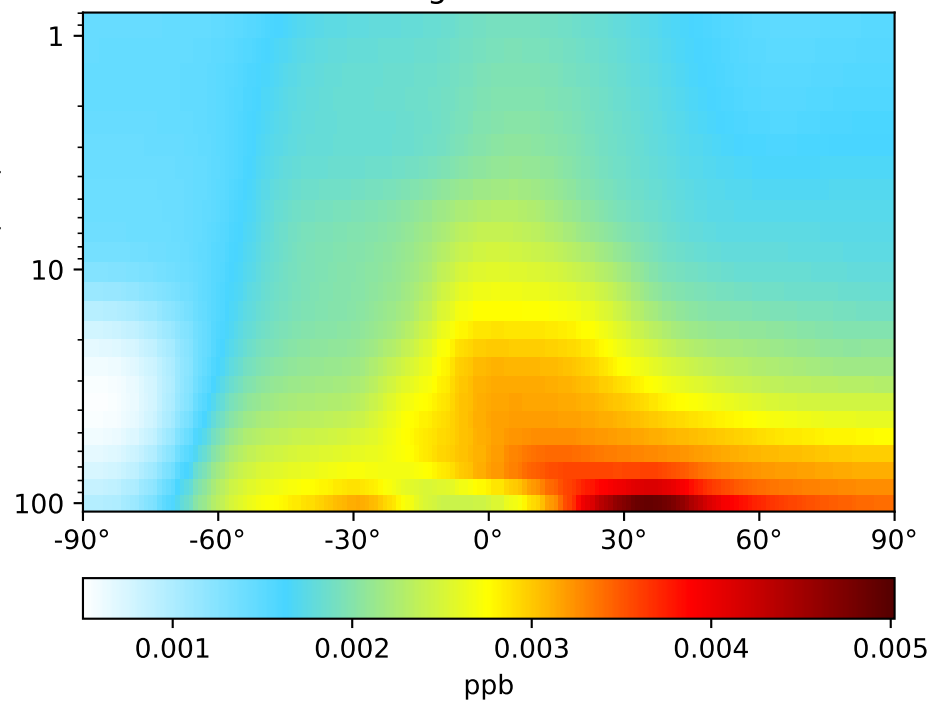


# SpeciesConc\_ASOG3, Zonal Mean

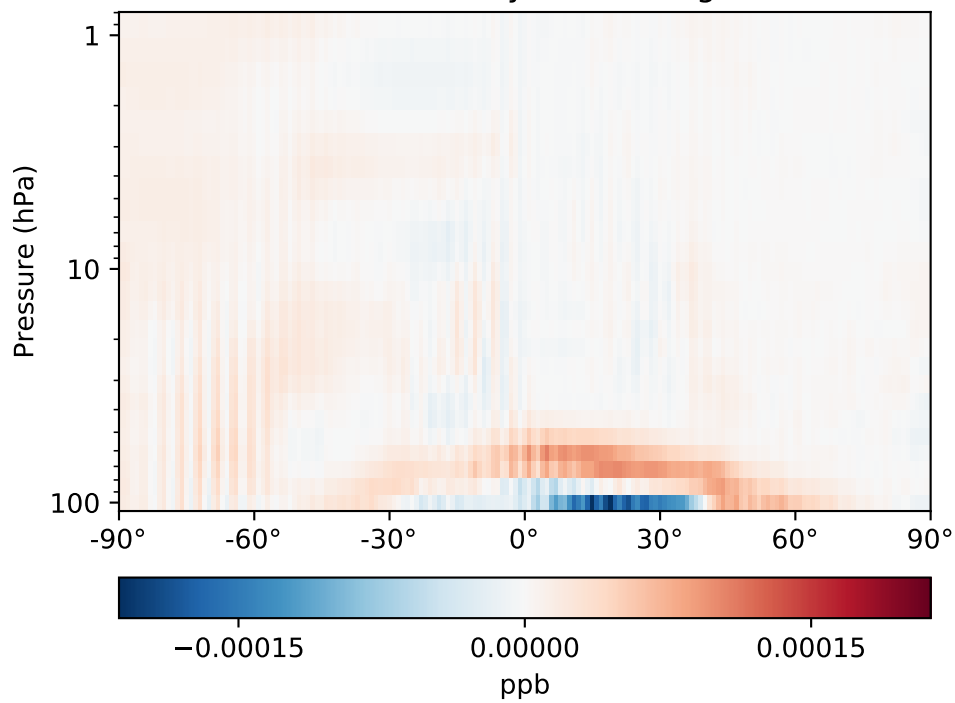
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



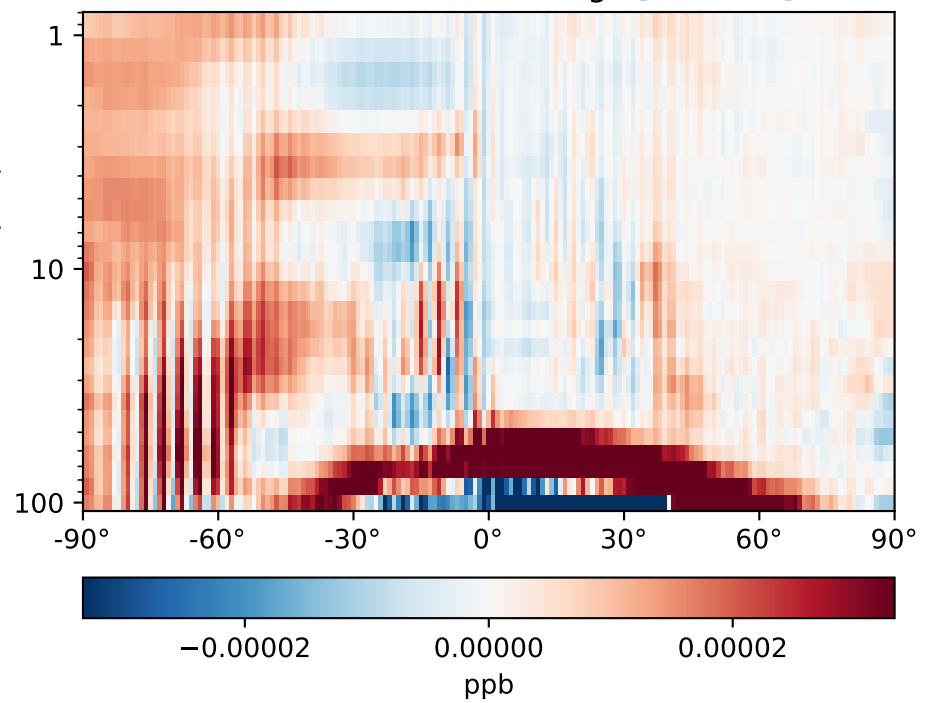
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



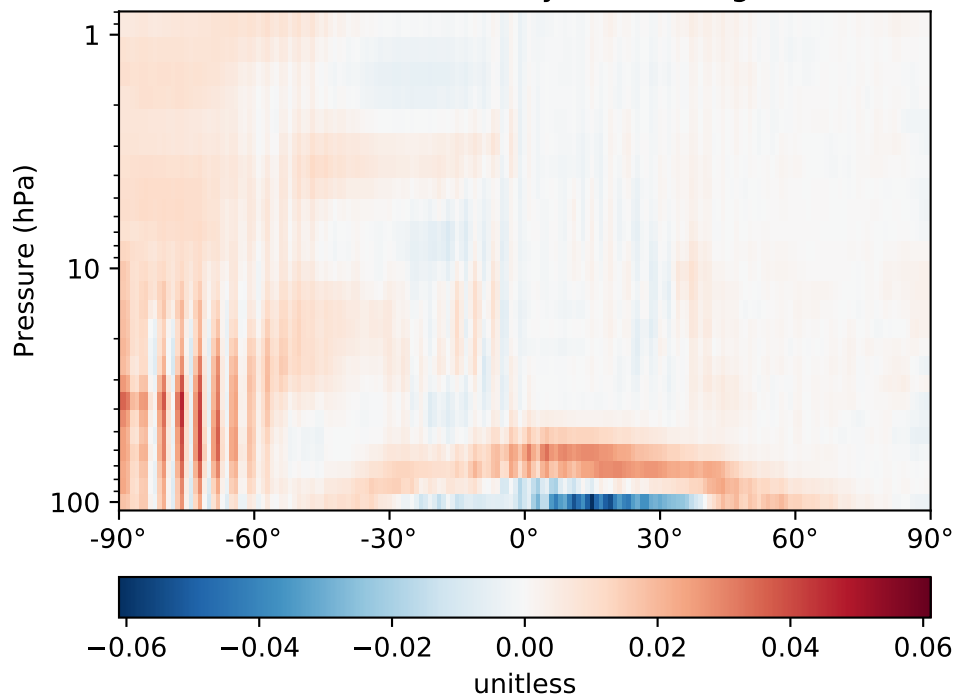
Difference (1x1.25)  
Dev - Ref, Dynamic Range



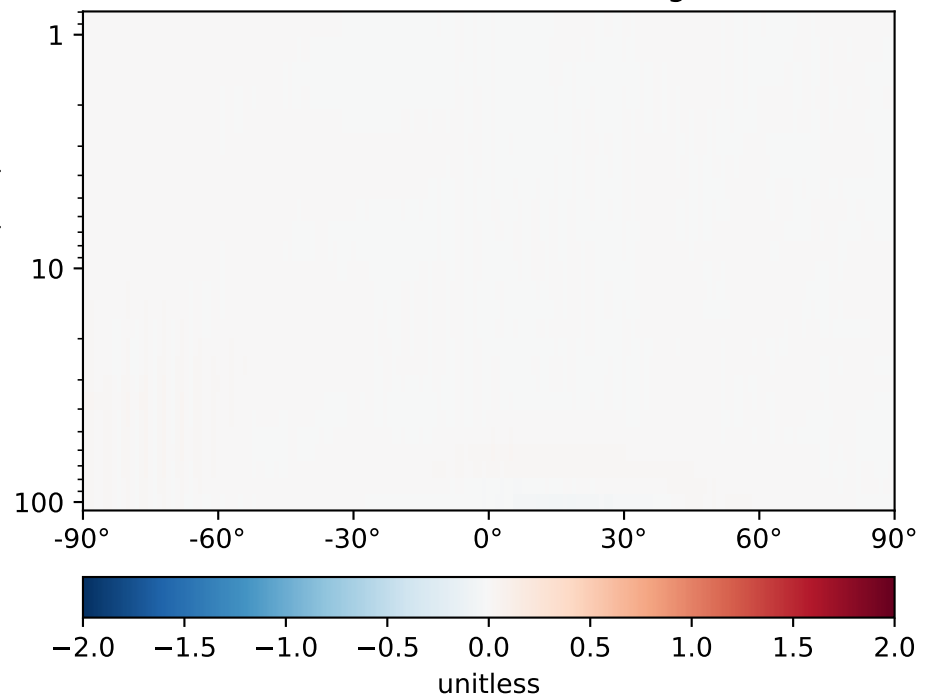
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range

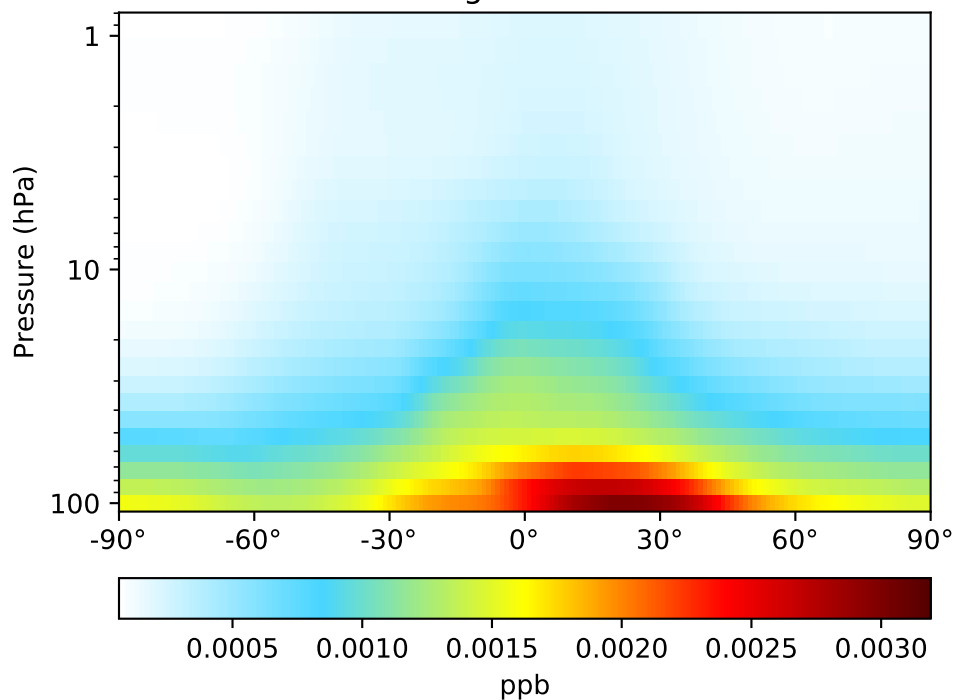


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

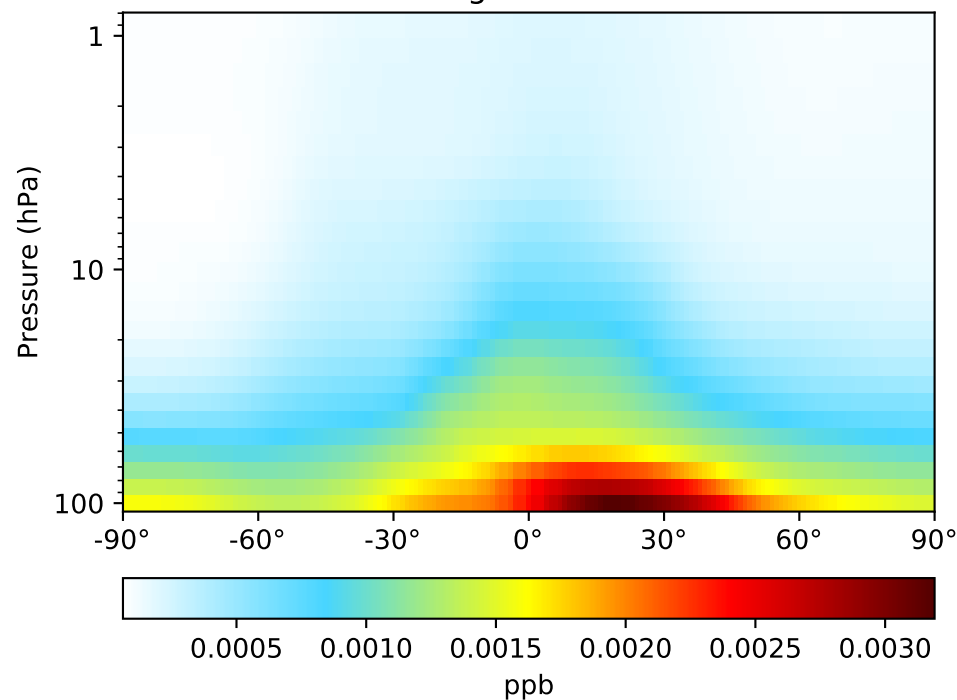


# SpeciesConc\_INDIOL, Zonal Mean

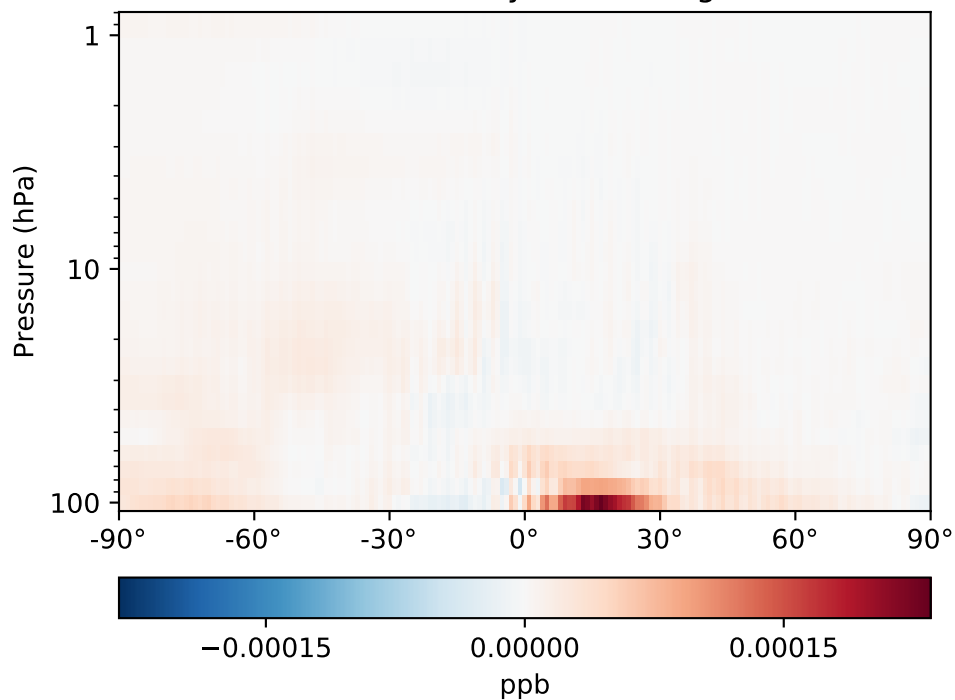
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



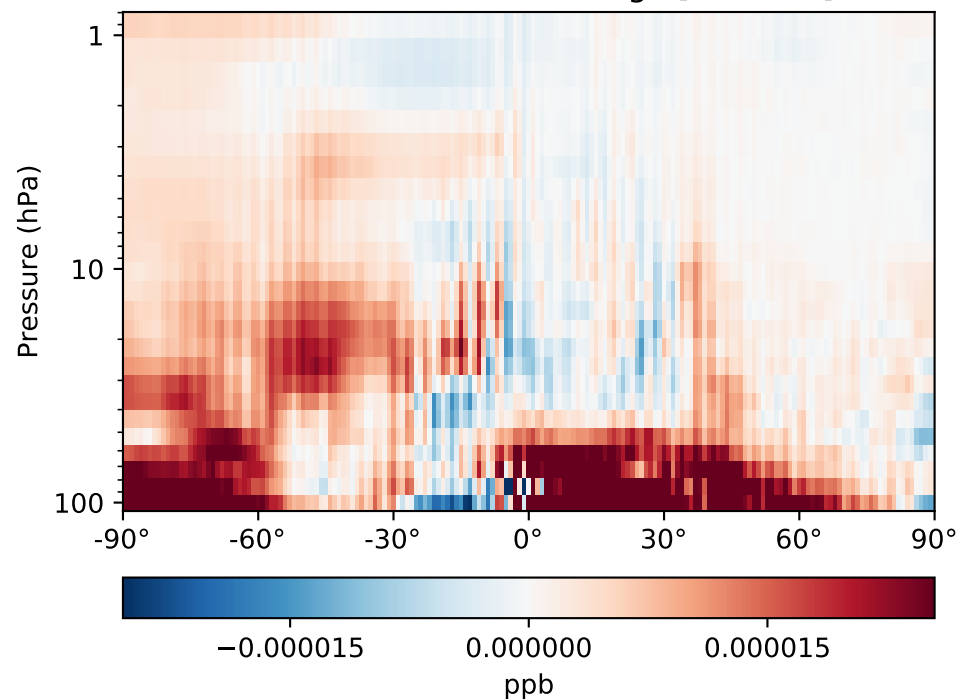
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



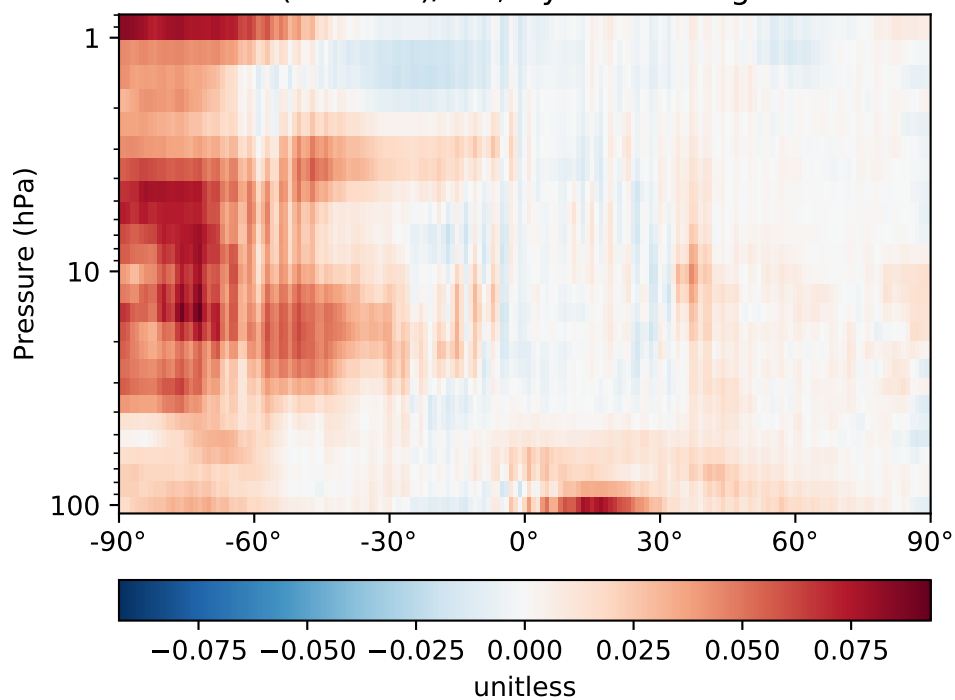
Difference (1x1.25)  
Dev - Ref, Dynamic Range



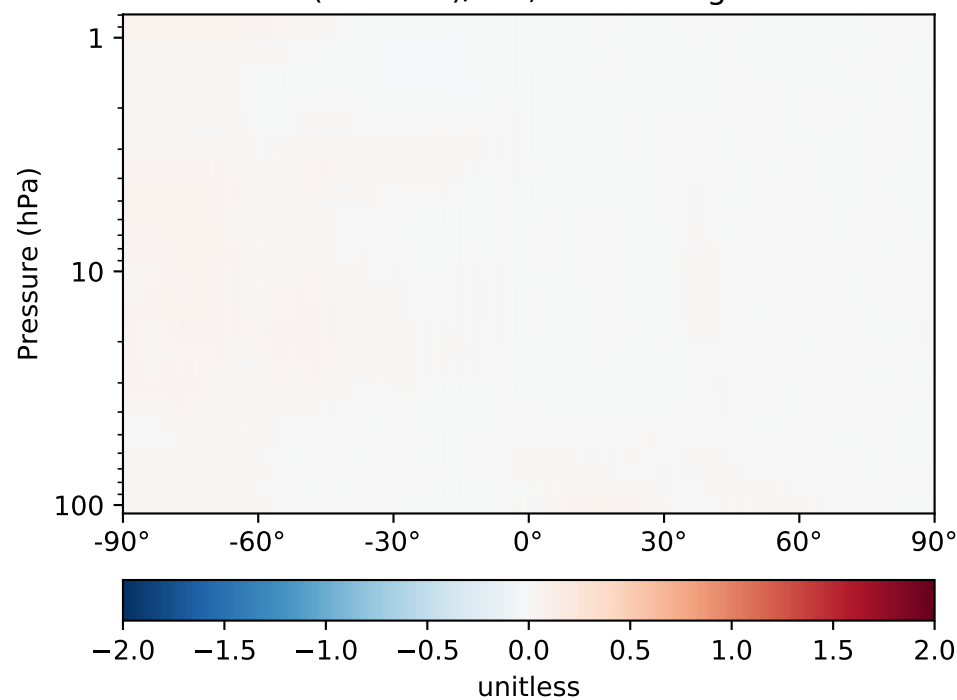
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range

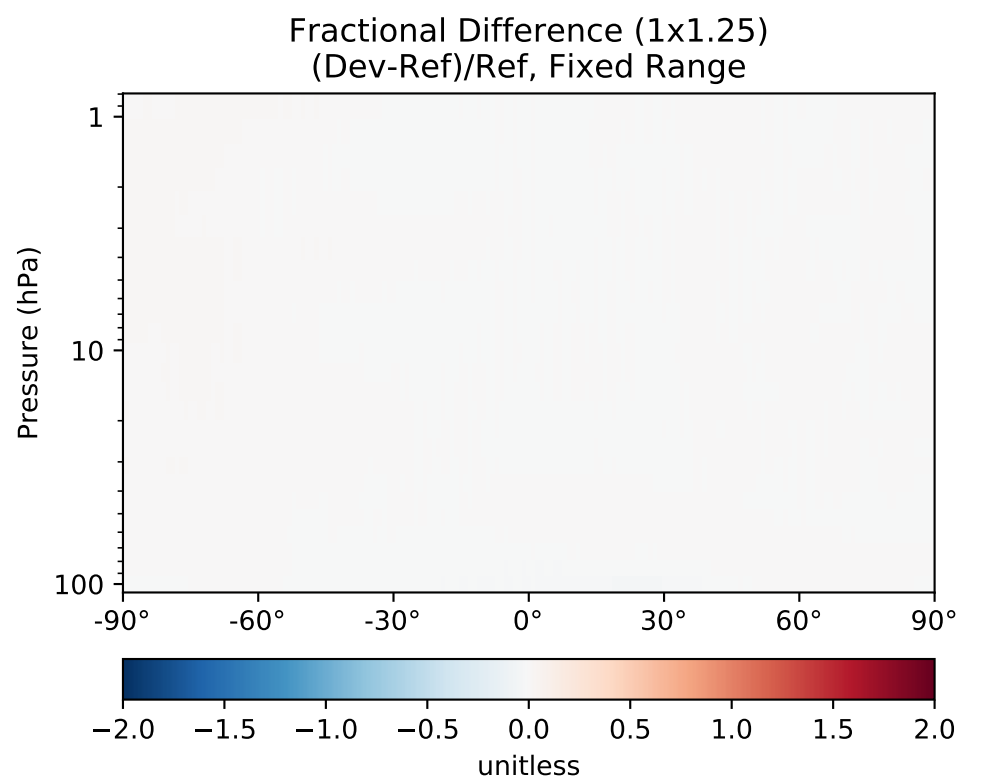
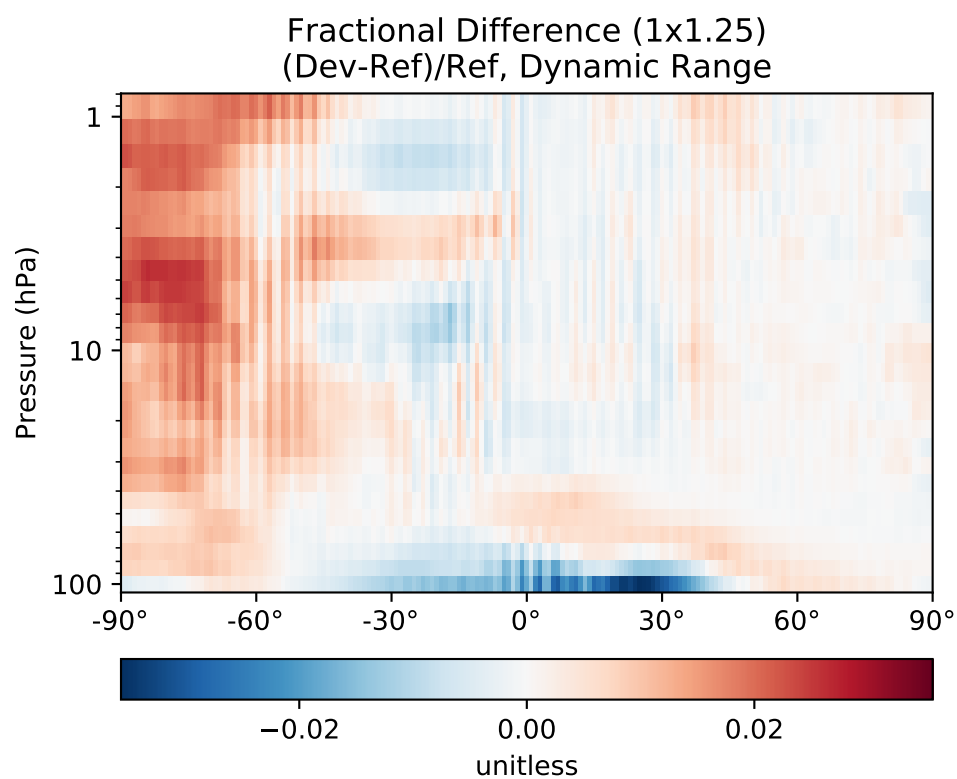
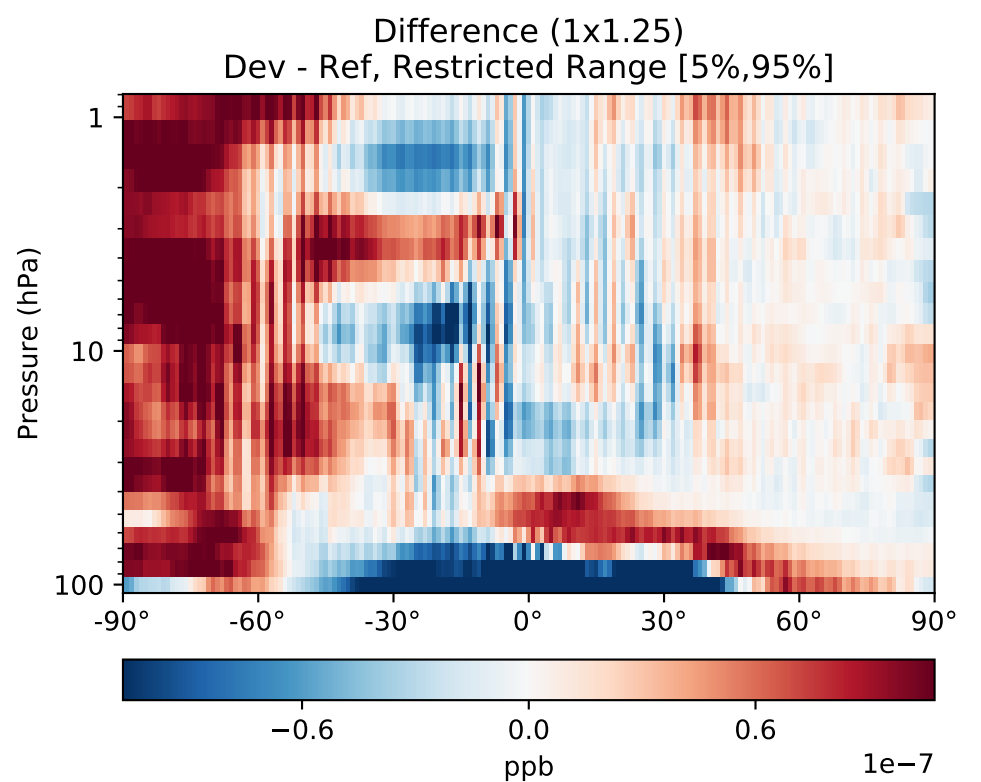
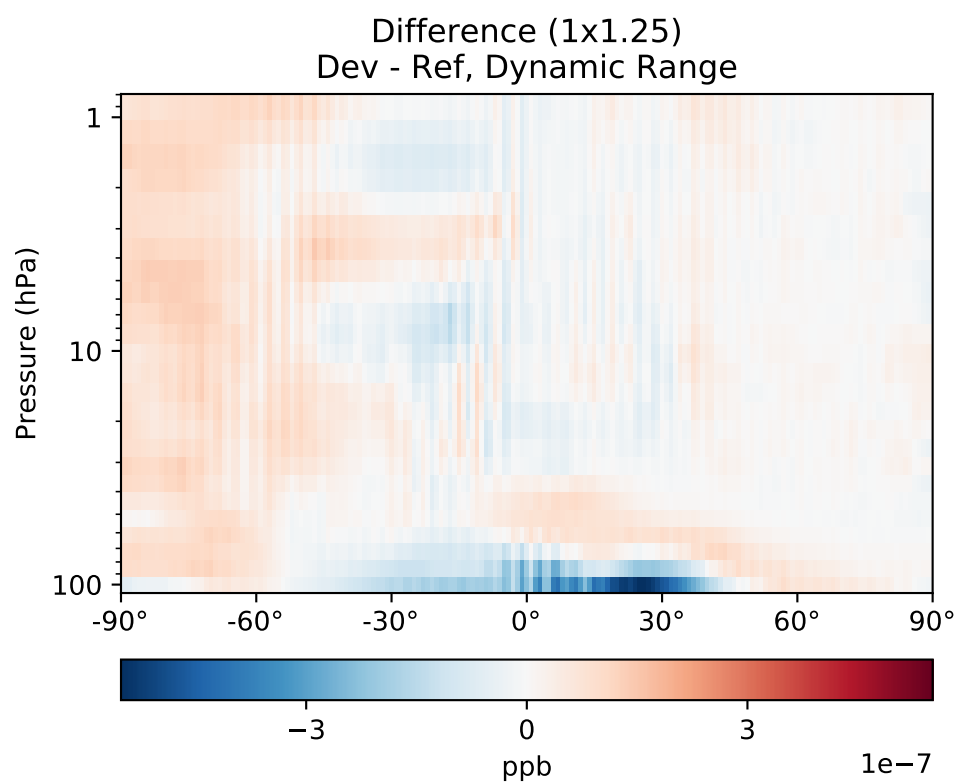
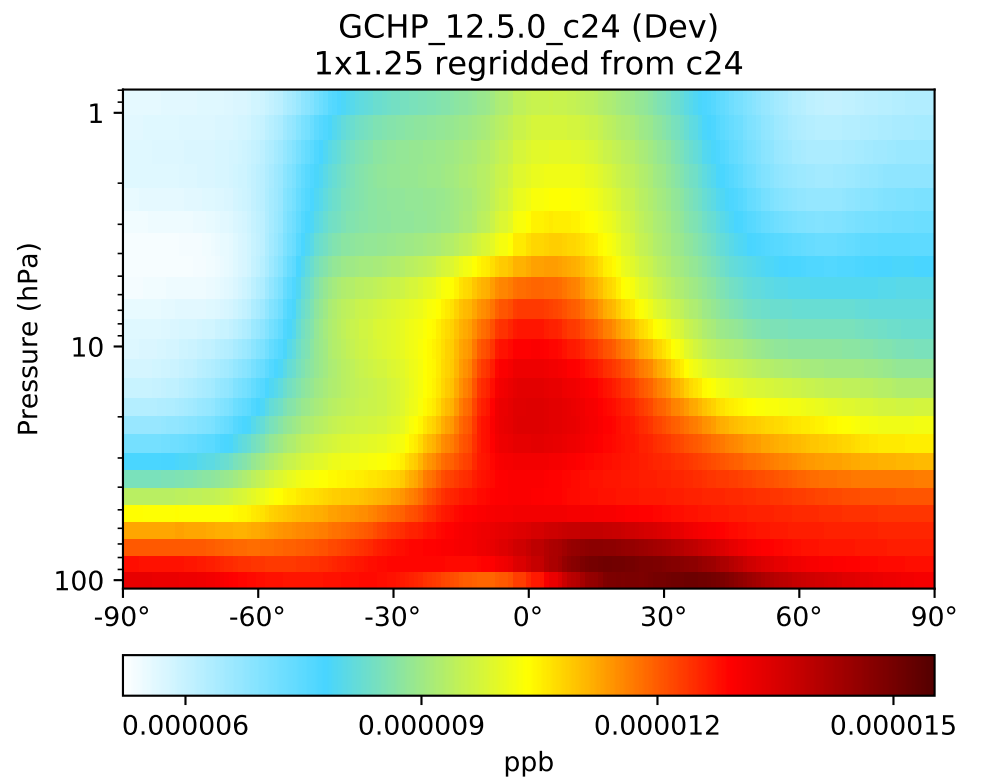
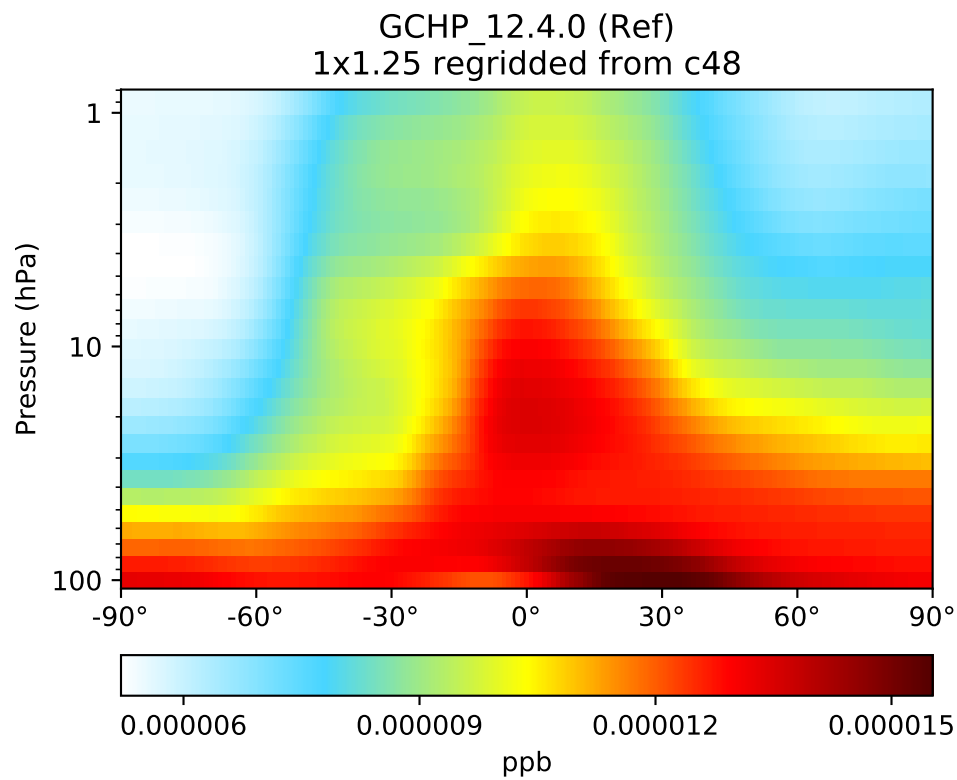


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

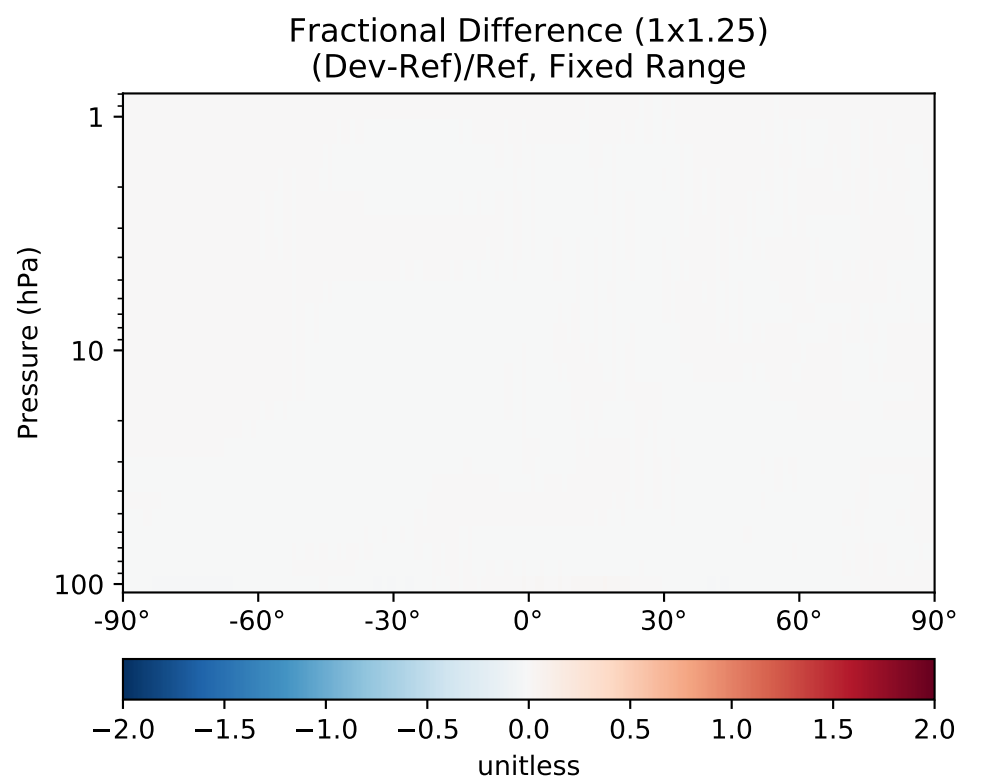
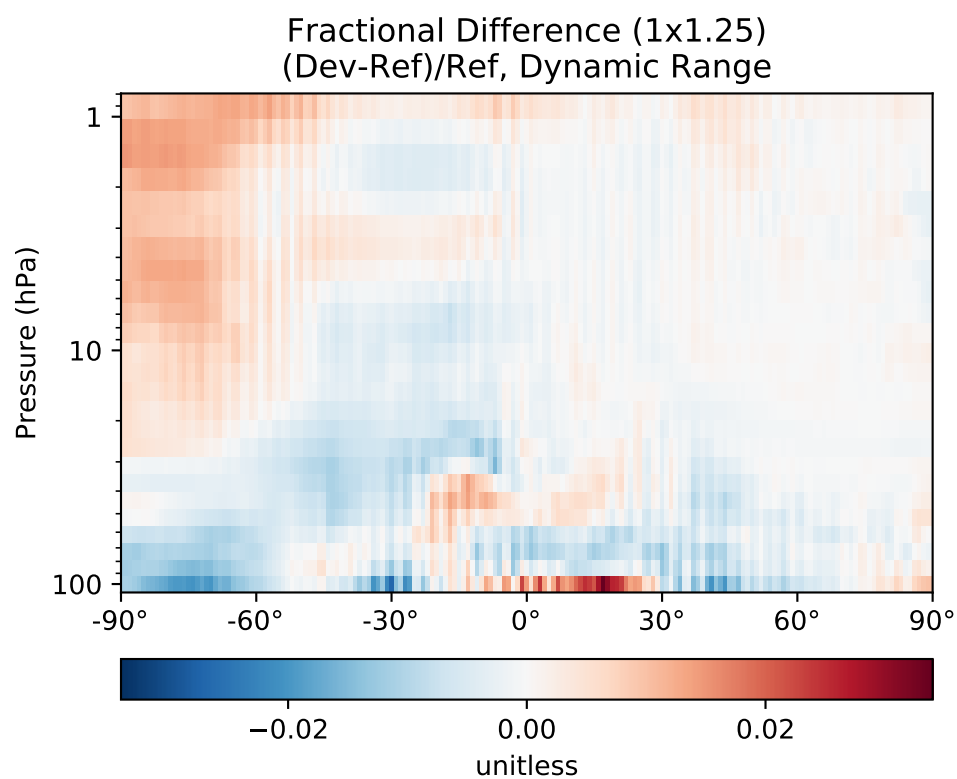
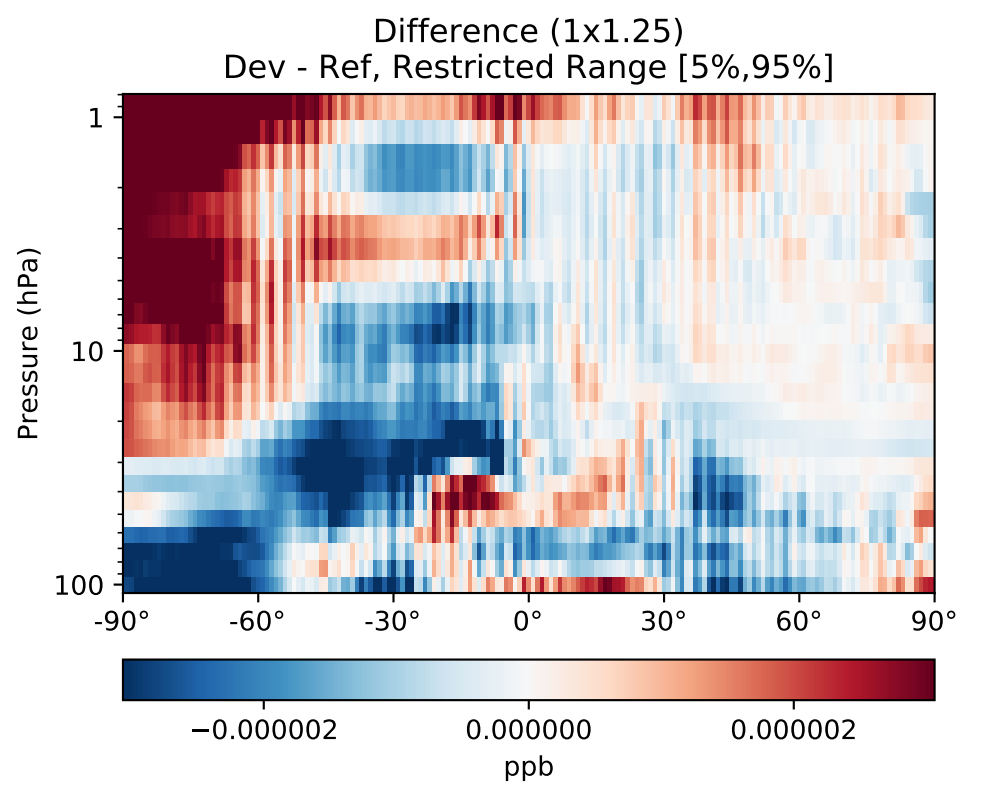
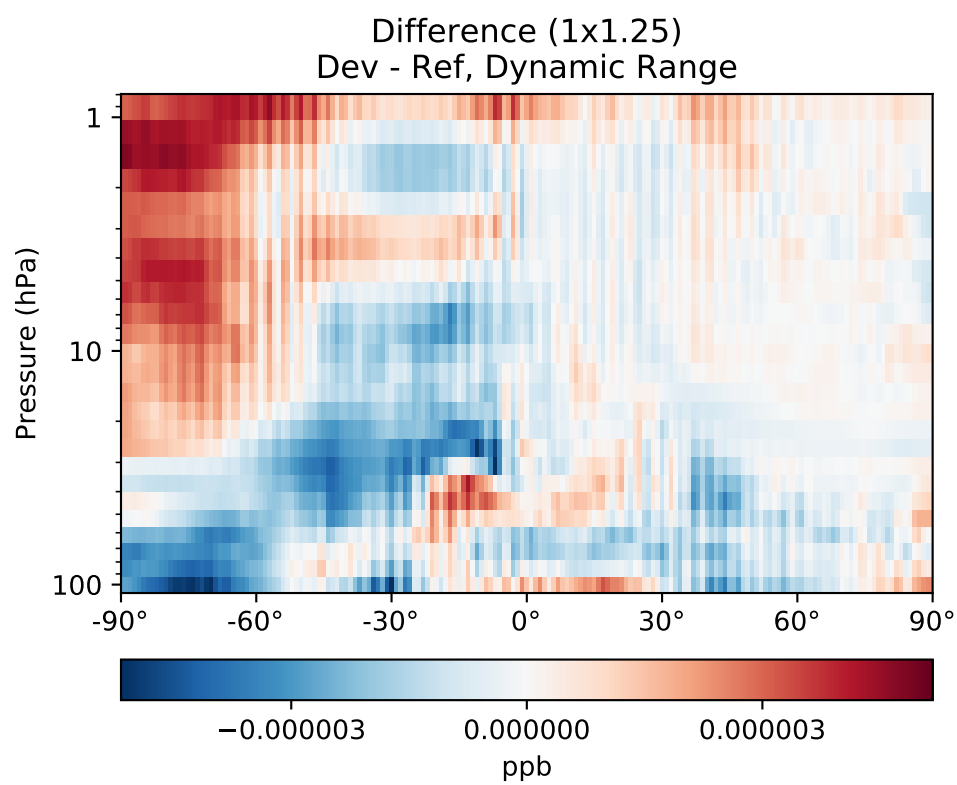
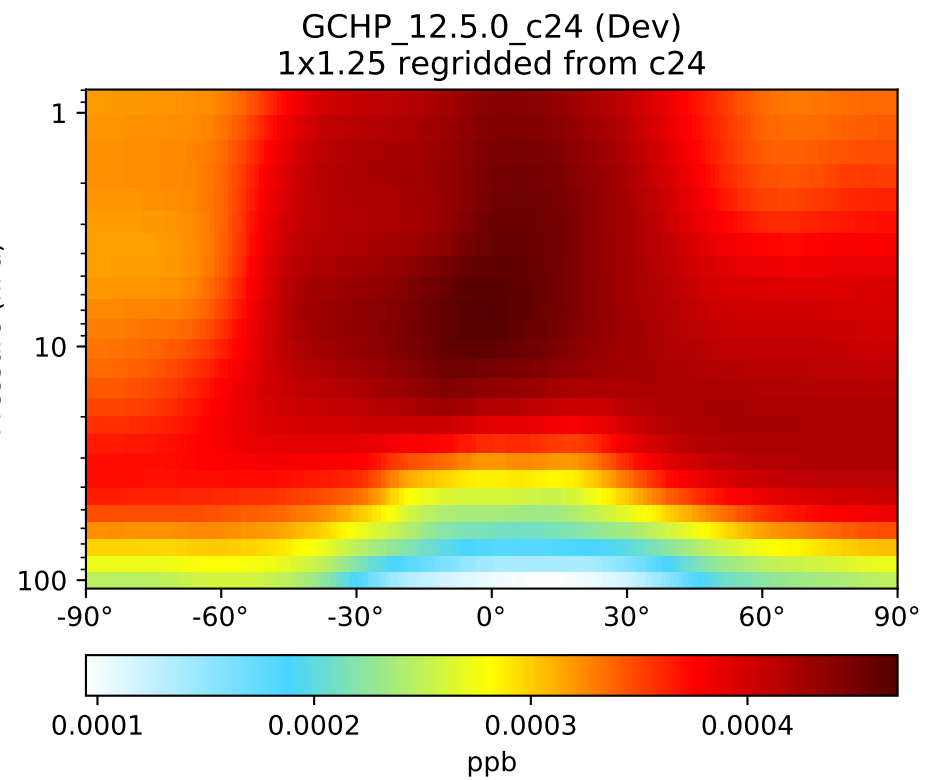
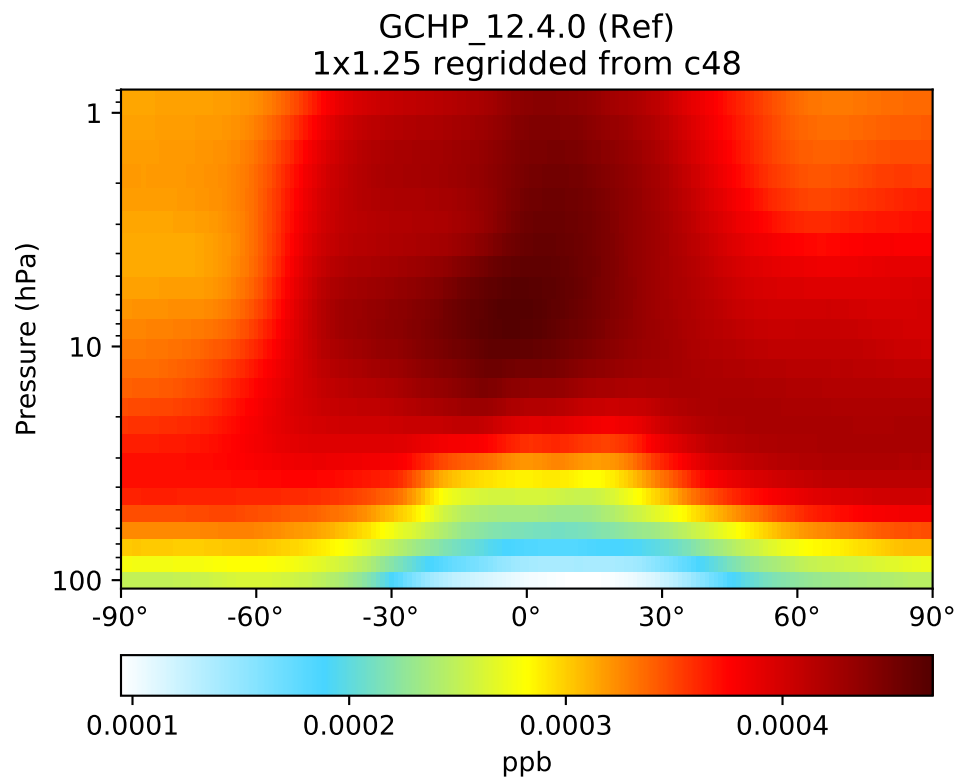




# SpeciesConc\_ISN10A, Zonal Mean

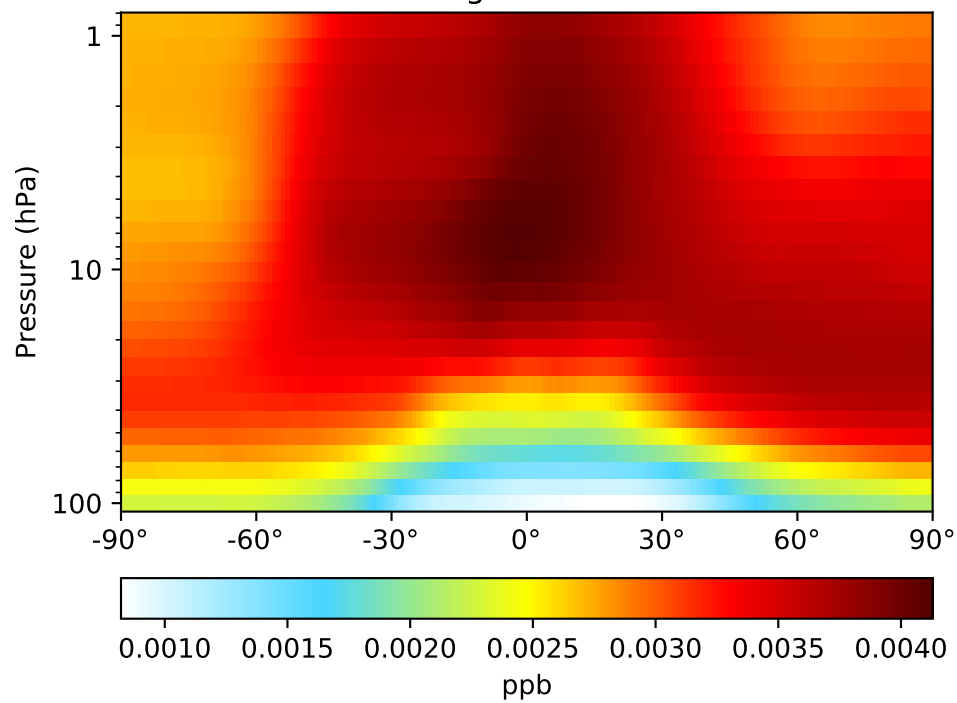


# SpeciesConc\_LVOCOA, Zonal Mean

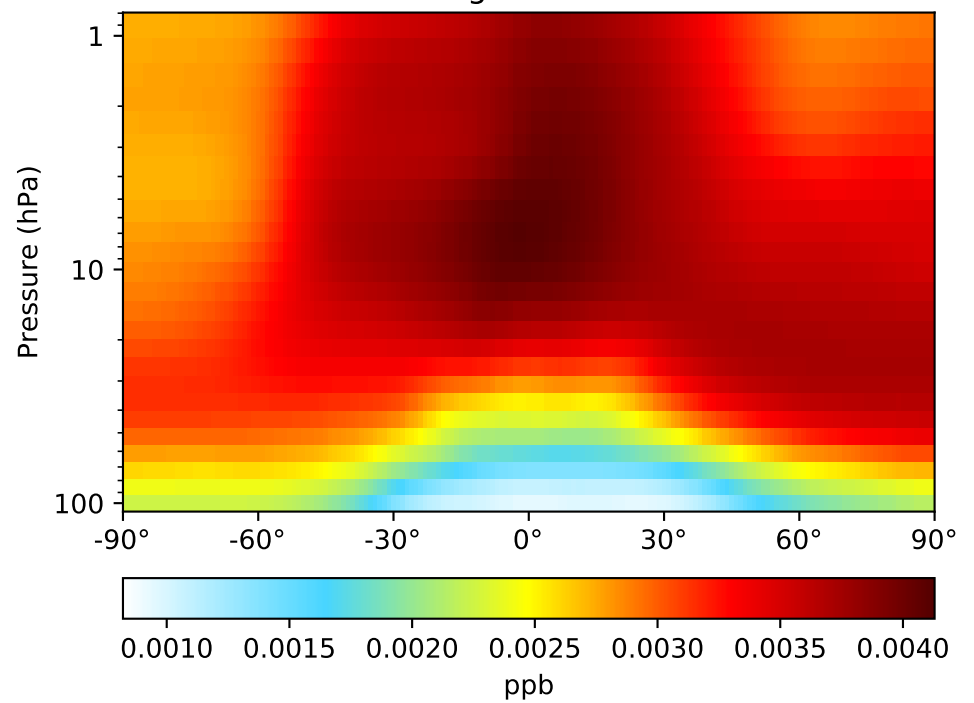


# SpeciesConc\_SOAIE, Zonal Mean

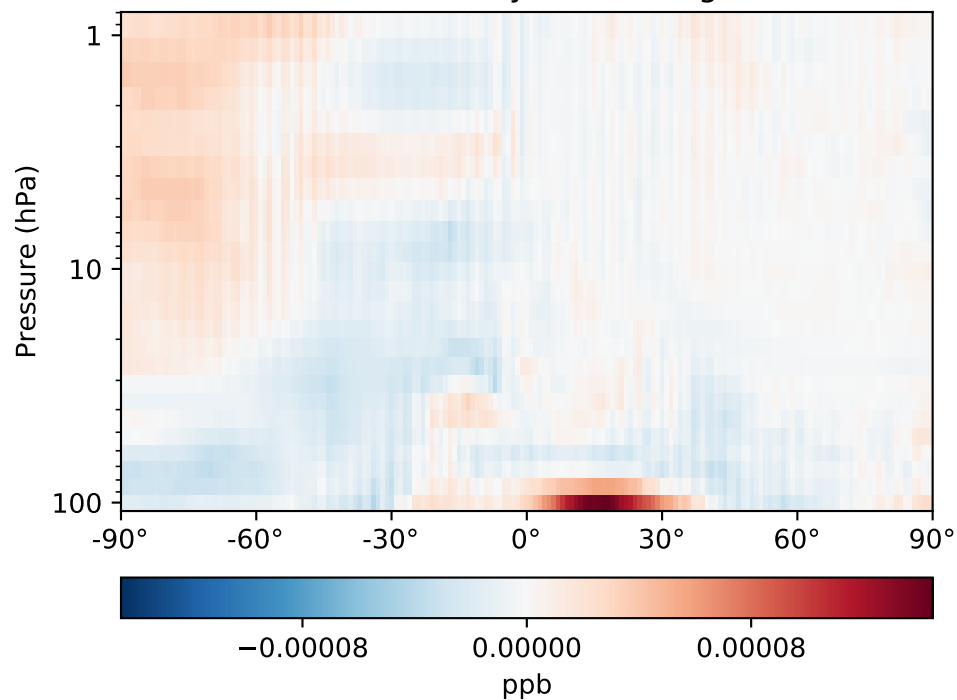
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



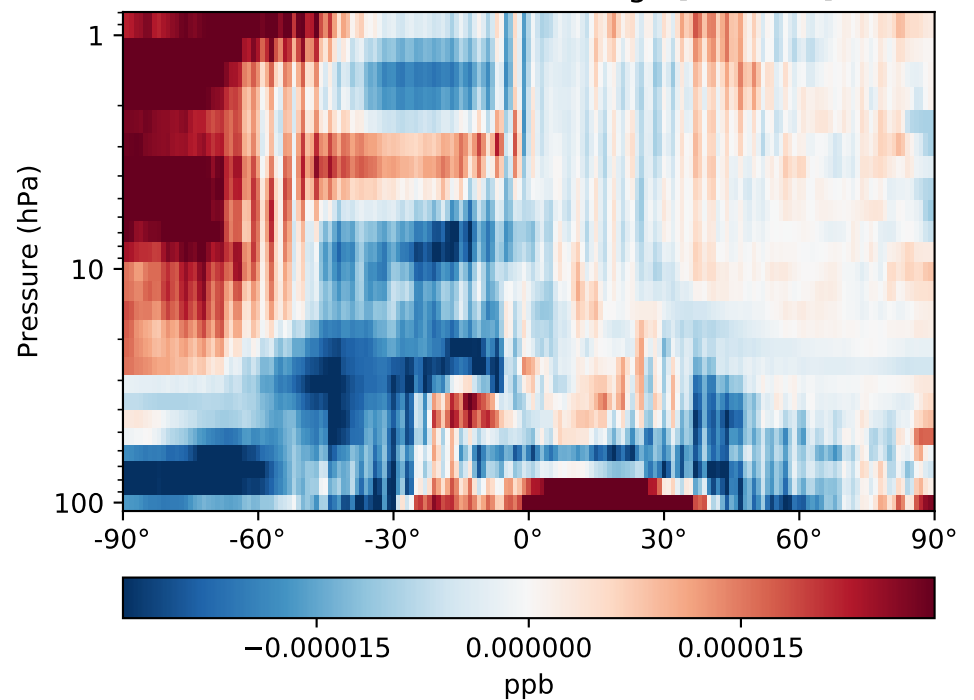
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



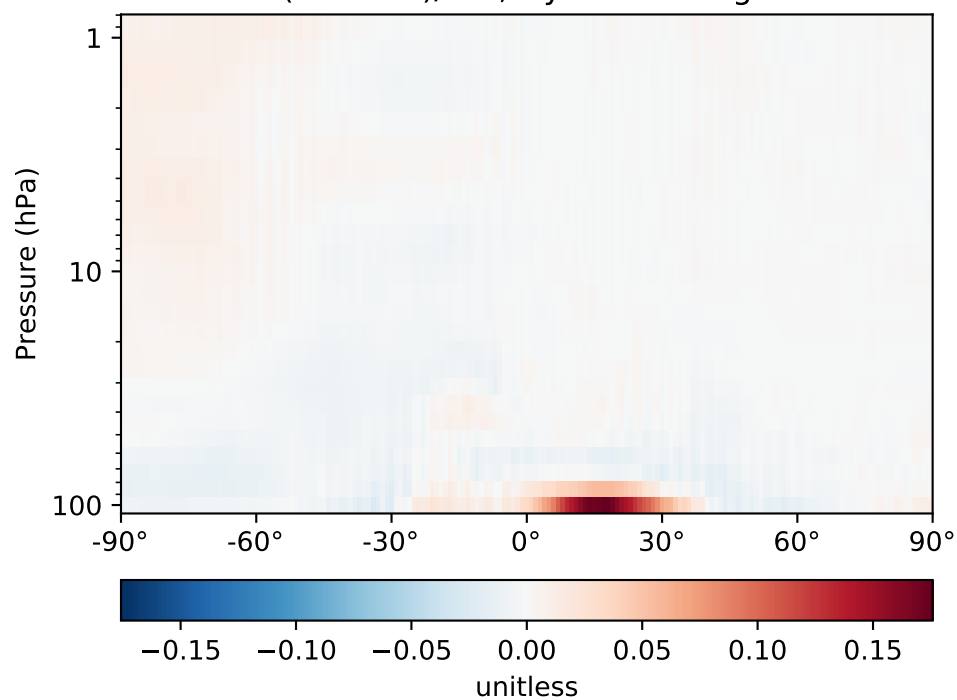
Difference (1x1.25)  
Dev - Ref, Dynamic Range



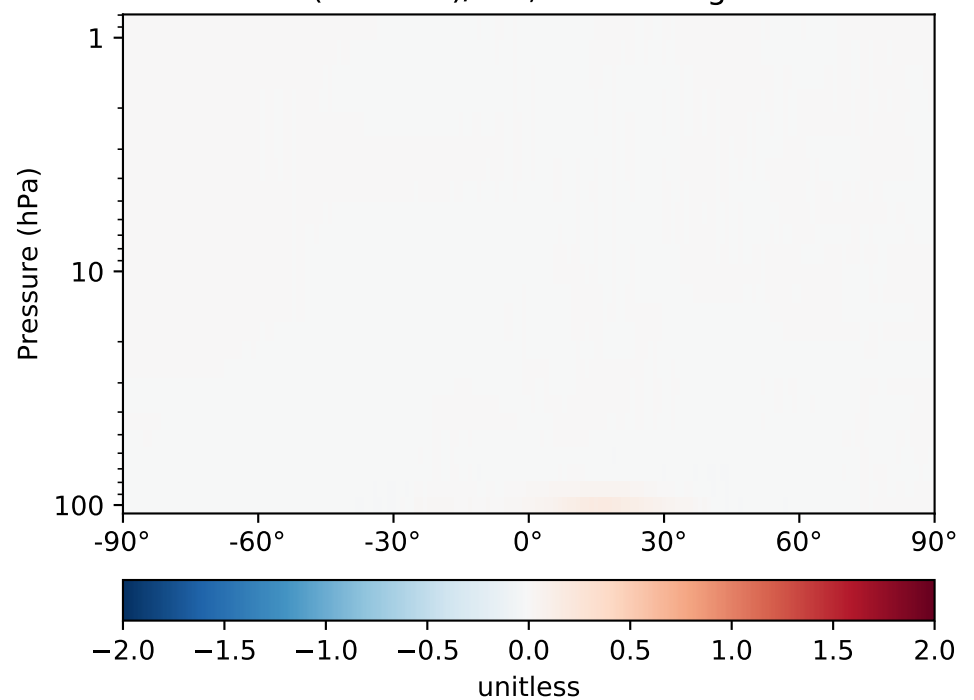
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range

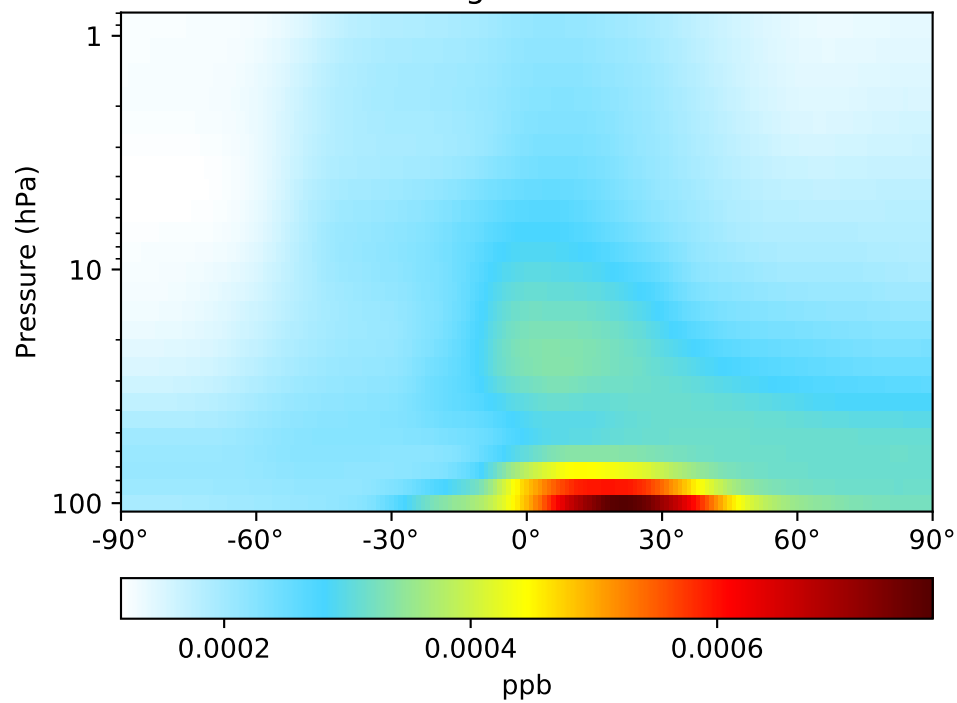


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

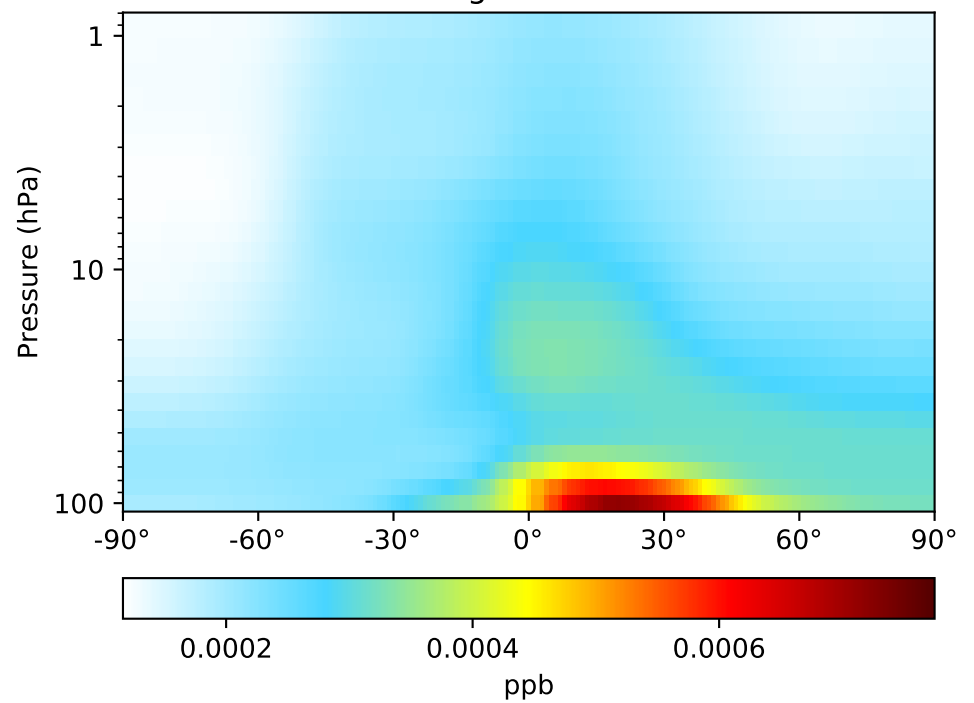


# SpeciesConc\_SOAGX, Zonal Mean

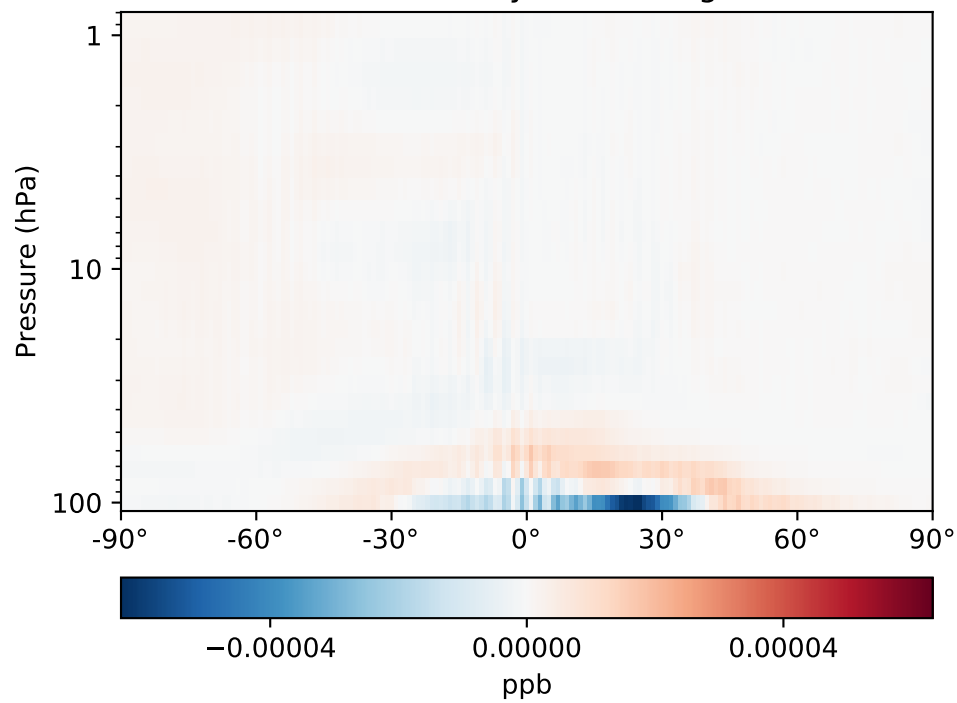
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



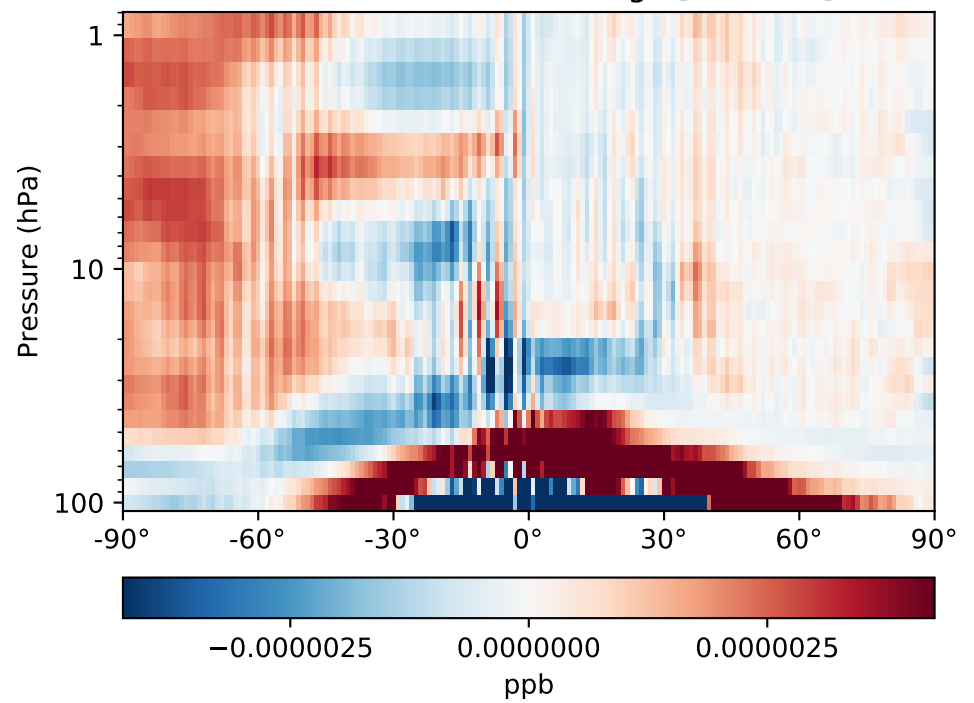
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



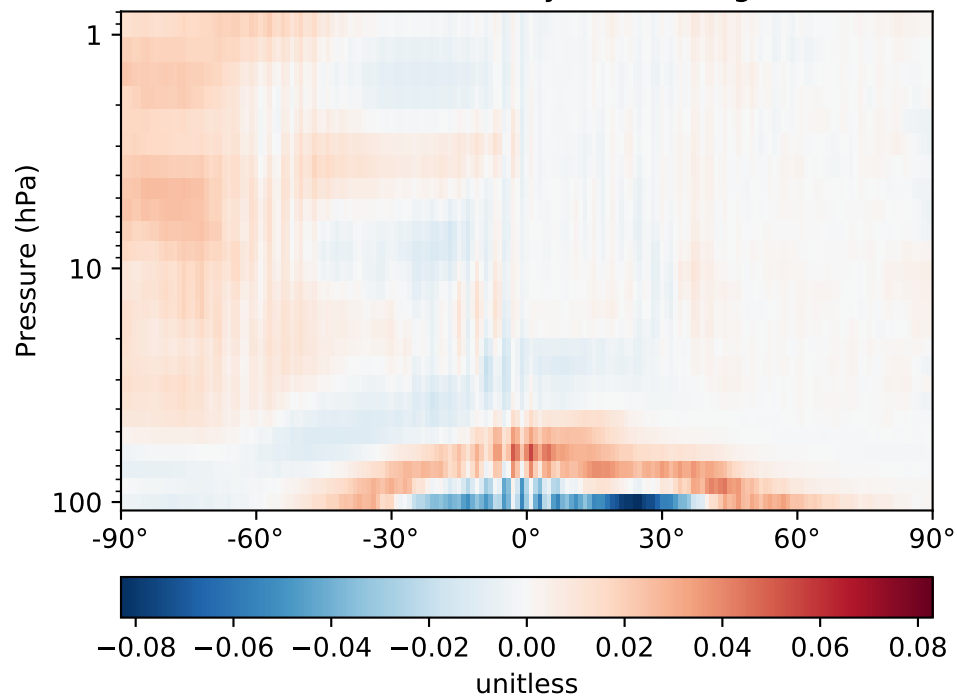
Difference (1x1.25)  
Dev - Ref, Dynamic Range



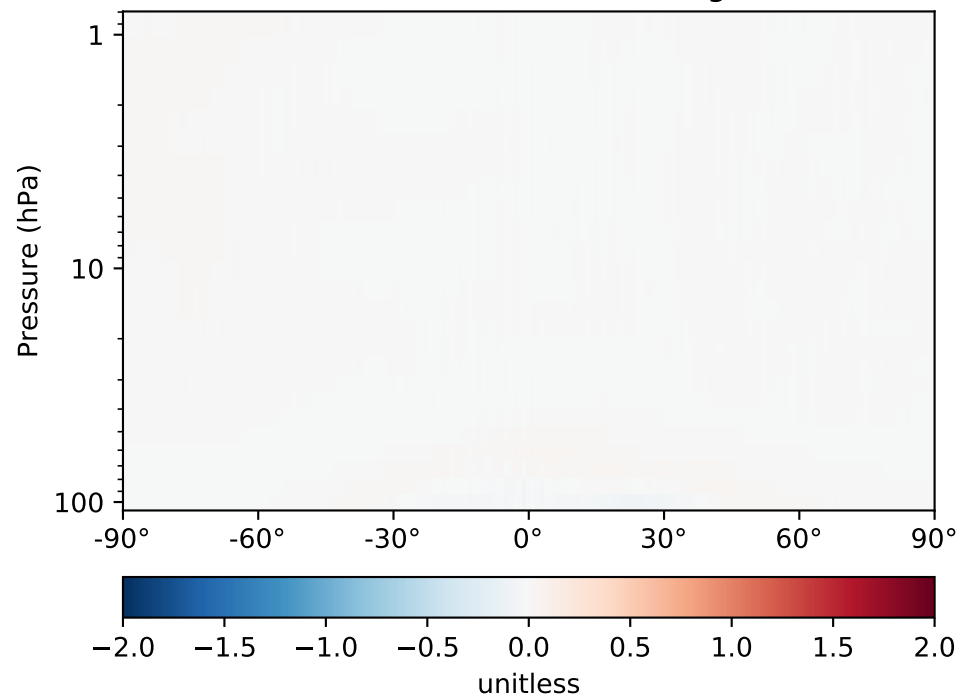
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range

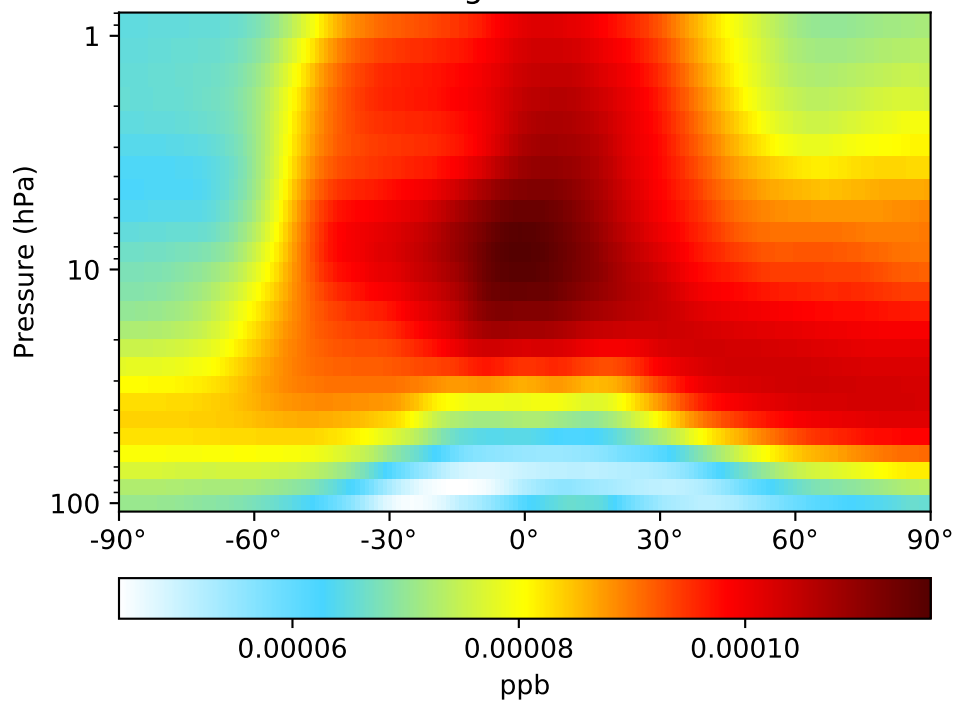


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

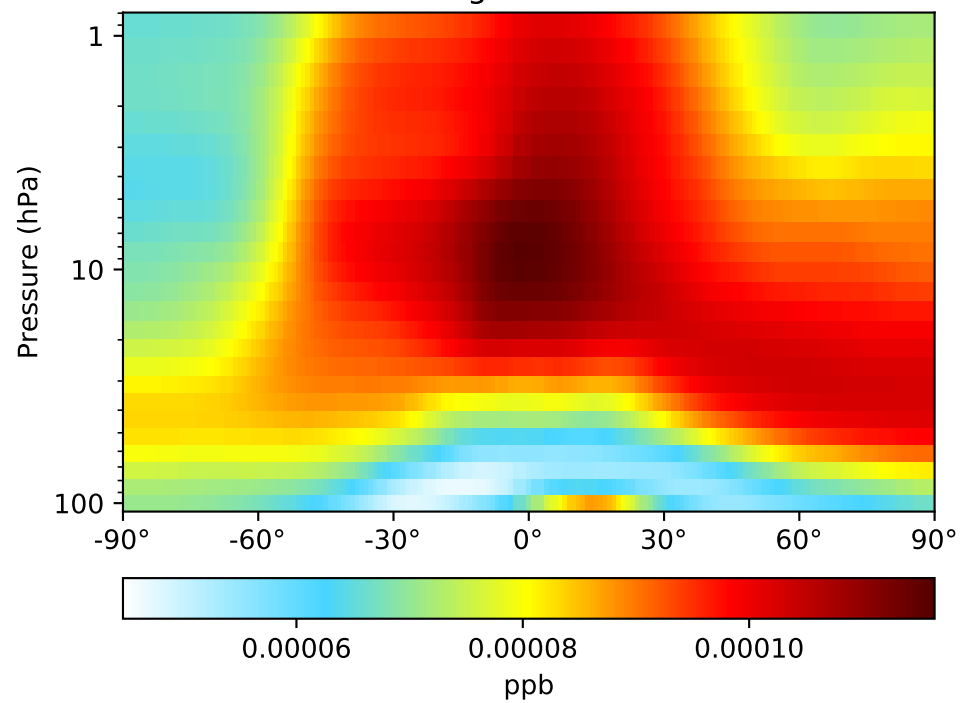


# SpeciesConc\_SOAME, Zonal Mean

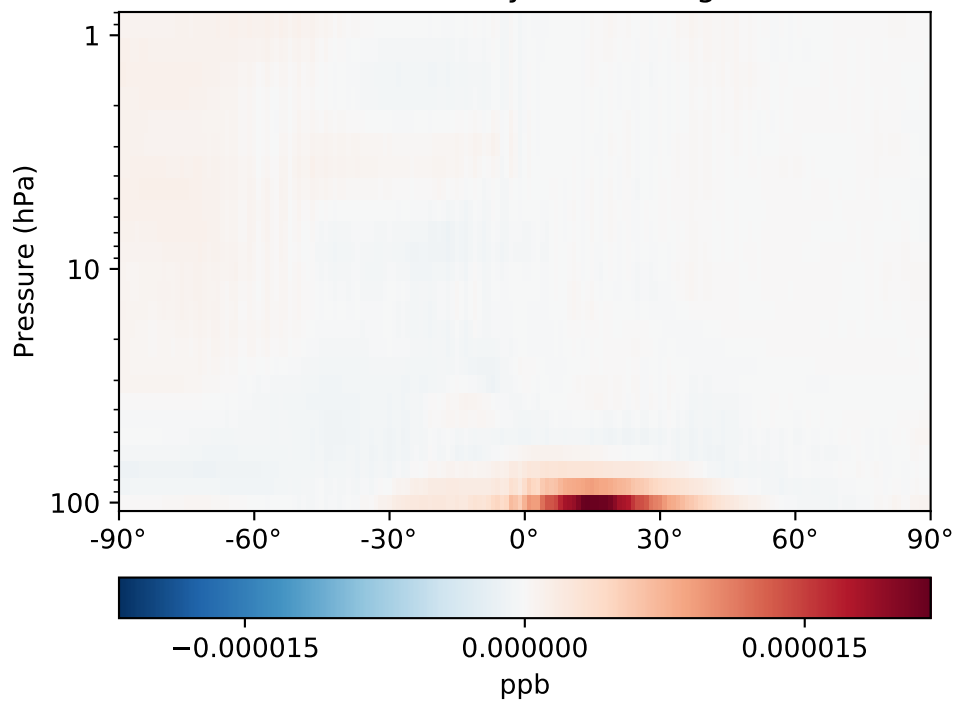
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



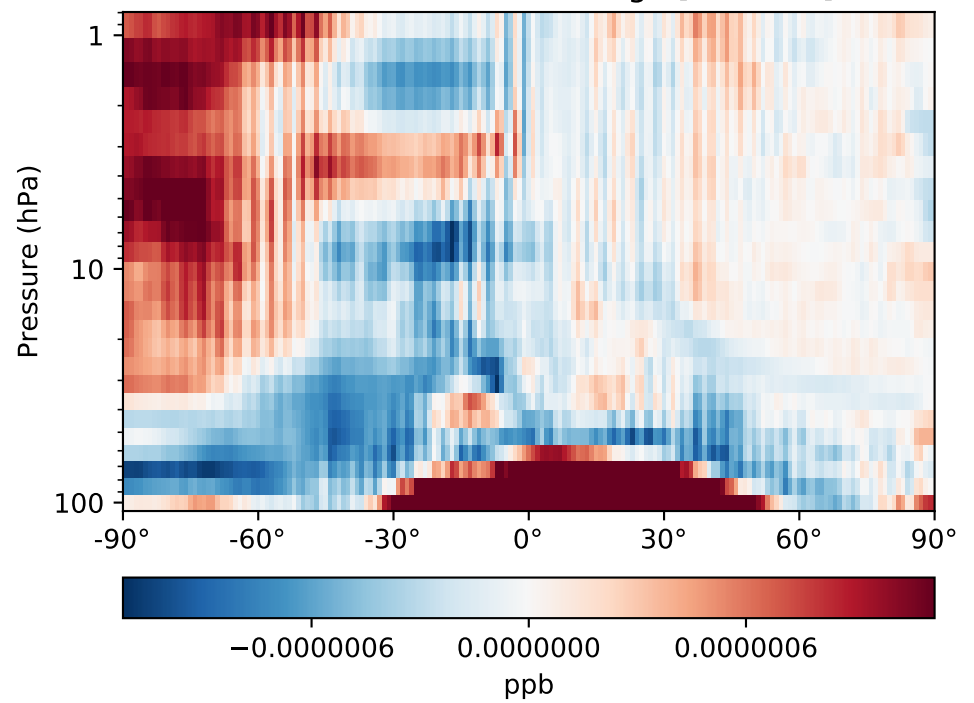
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



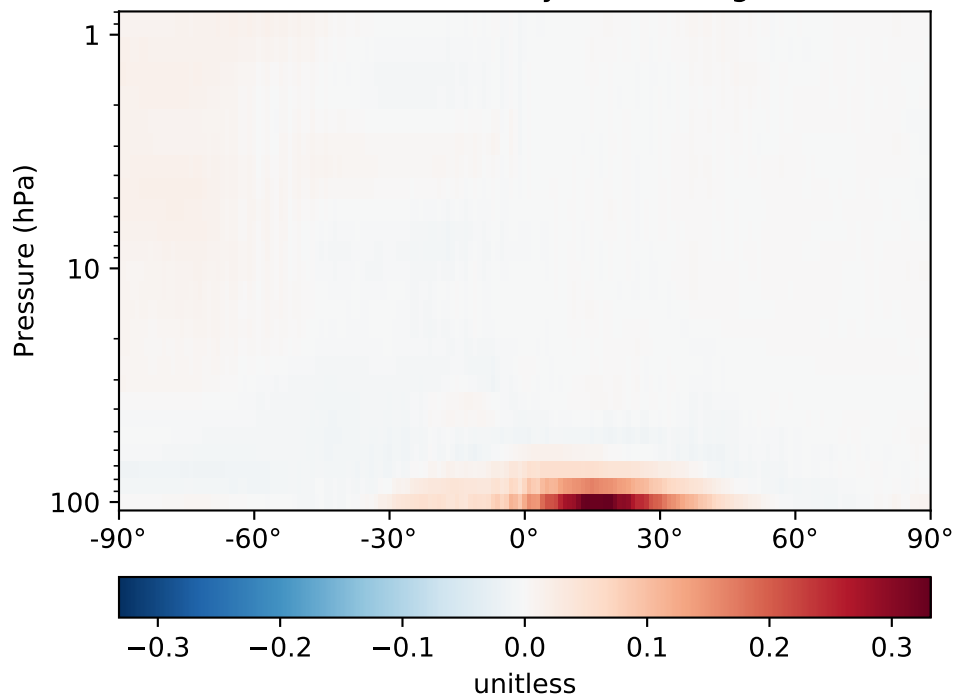
Difference (1x1.25)  
Dev - Ref, Dynamic Range



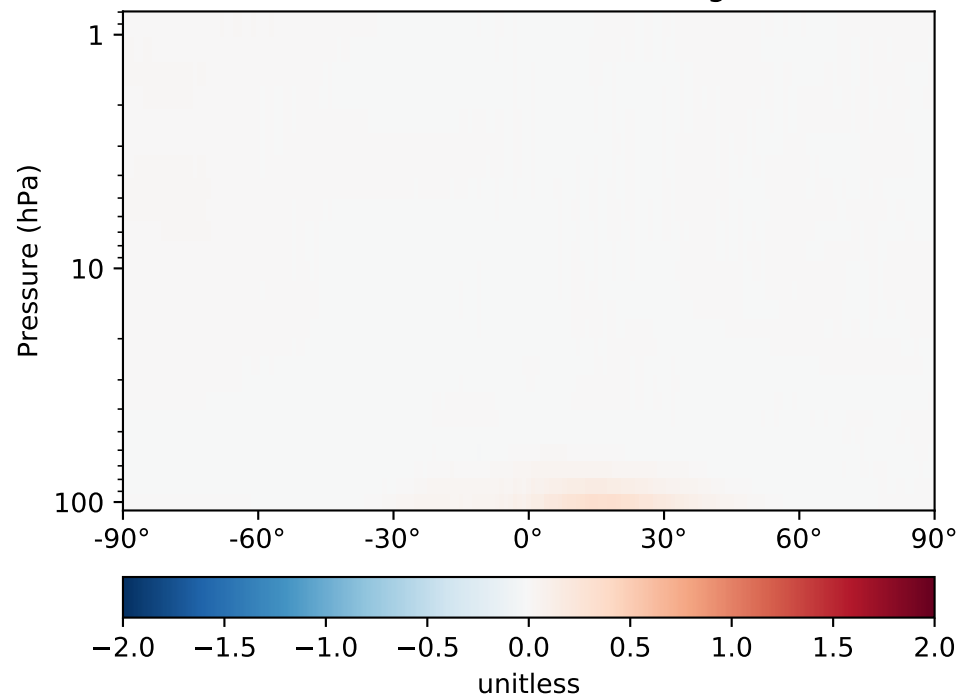
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range

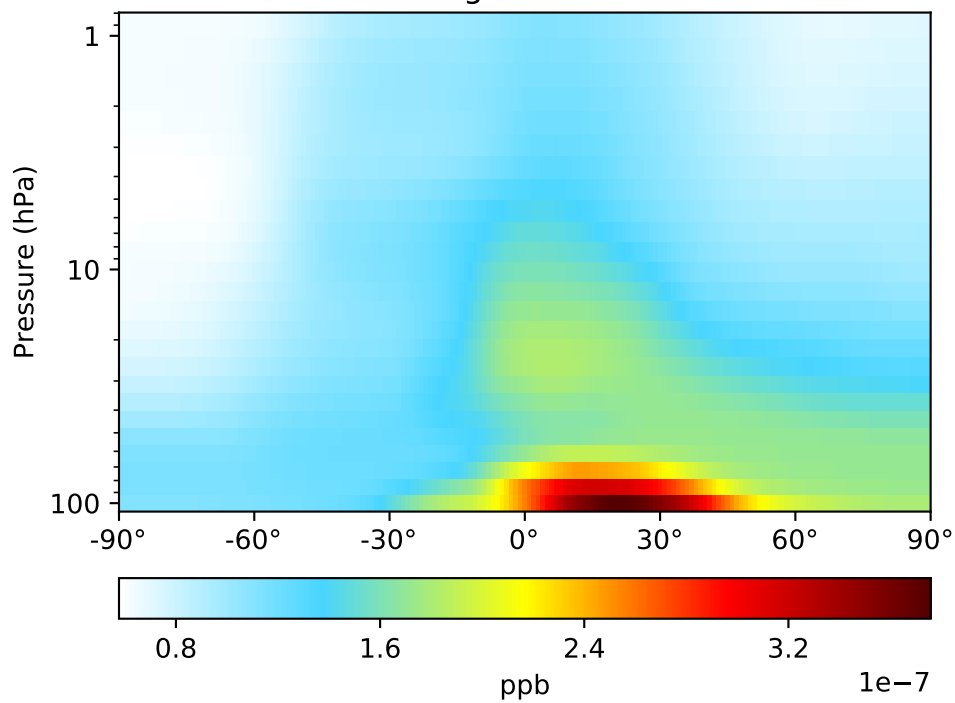


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

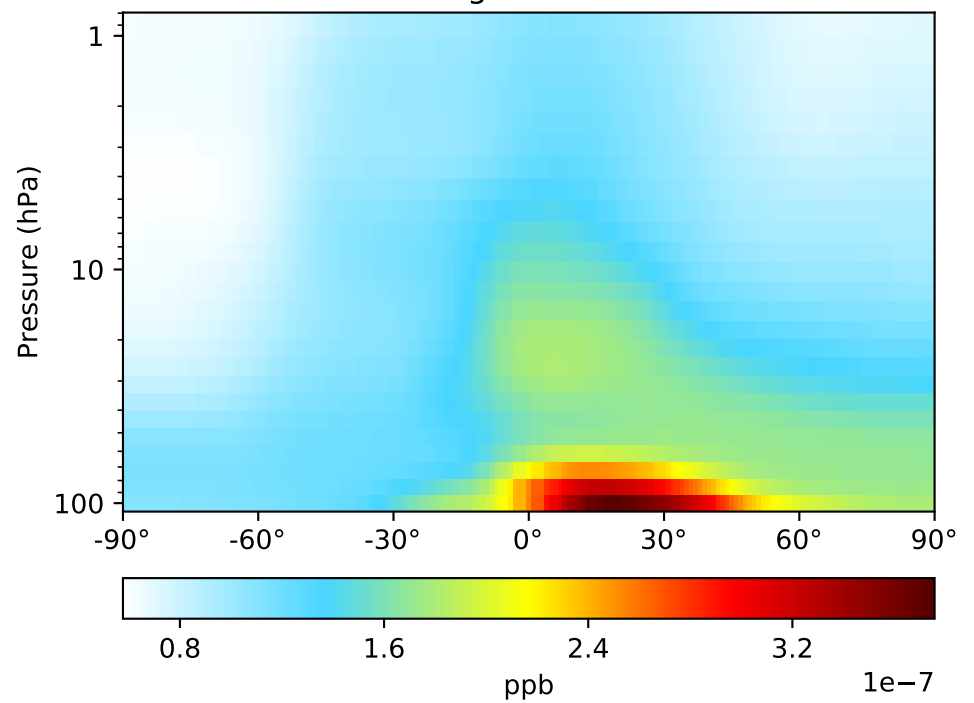


# SpeciesConc\_SOAMG, Zonal Mean

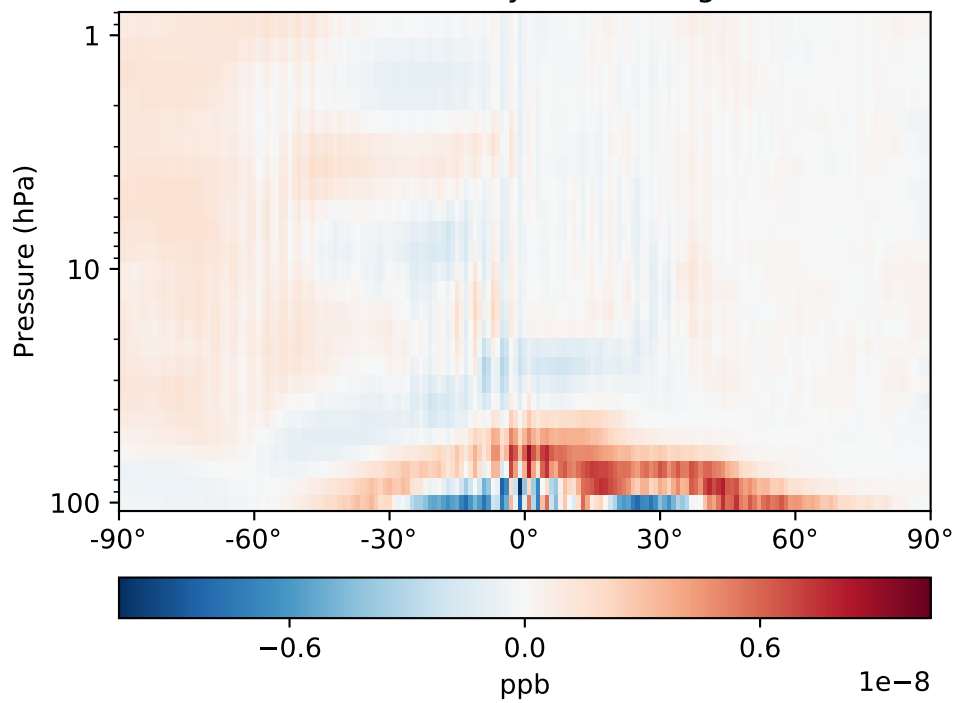
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



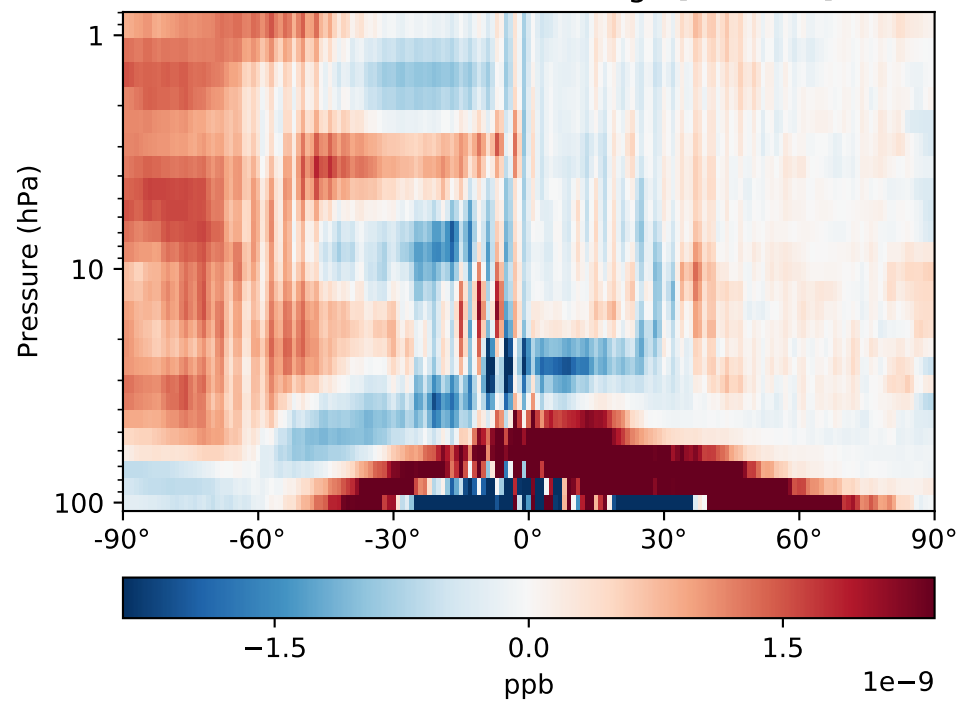
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



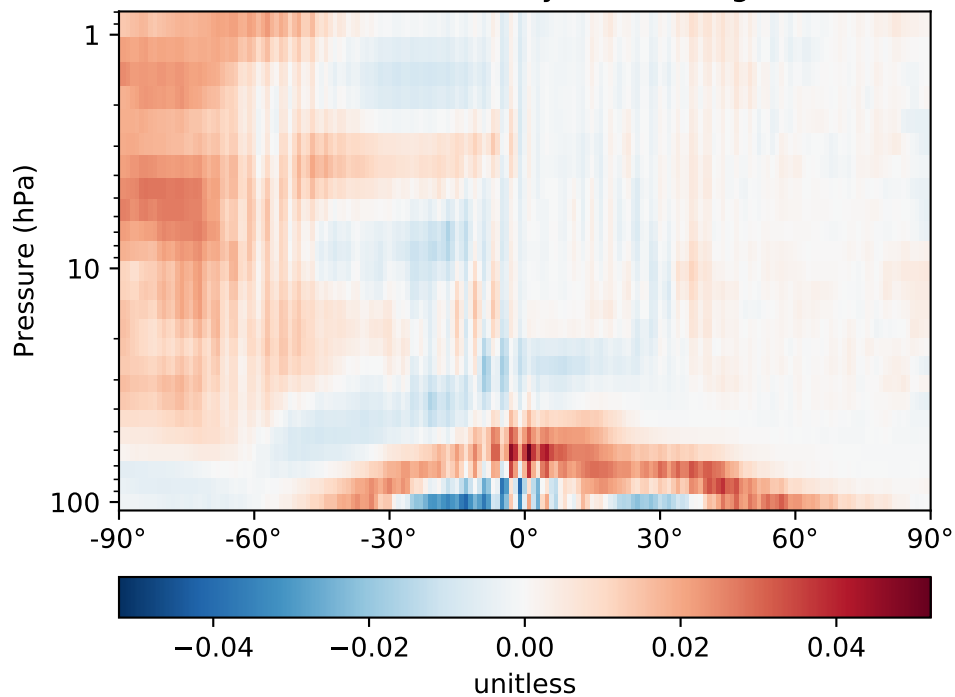
Difference (1x1.25)  
Dev - Ref, Dynamic Range



Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

