**Diagram (a)**: Equatorial latitude (eqLat(°)) vs. DTTP (K) for Phase 1, showing H2O (ppmv) distribution.

**Diagram (b)**: Similar to (a) but for Phase 2.

**Diagram (c)**: Differences in H2O (%) between Phase 2 and Phase 1.

**Diagram (d)**: Histogram of H2O (ppmv) for Phase 1 and Phase 2, with the following statistics:
- Mean: 4.5 (ppmv) for Phase 1 (August)
- Median: 4.4 (ppmv) for Phase 1 (August)
- Mean: 5.0 (ppmv) for Phase 2 (September)
- Median: 4.8 (ppmv) for Phase 2 (September)

**Note**: The phase of the examples are indicated, with Phase 1 in August and Phase 2 in September.