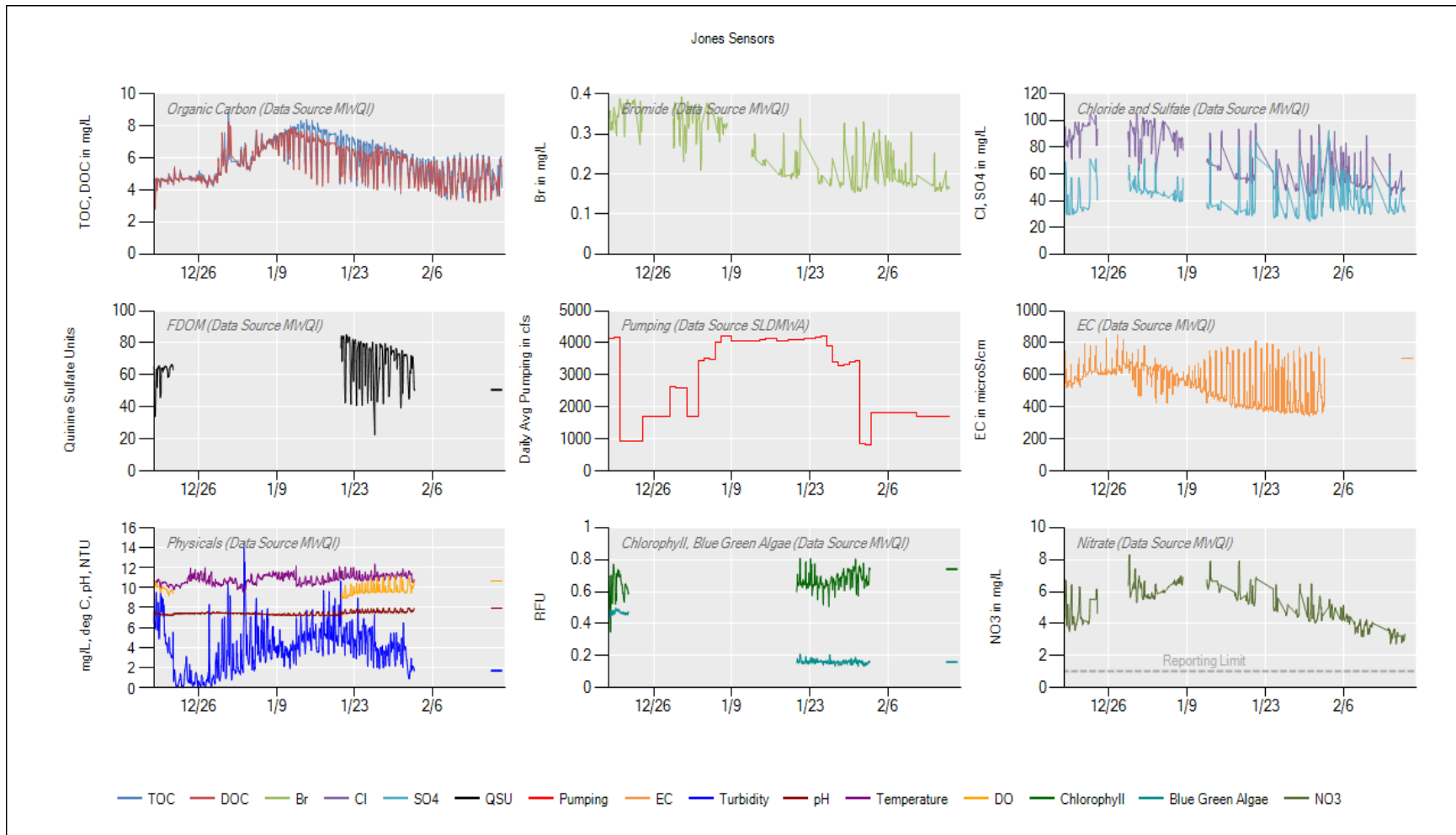Banks Sensors

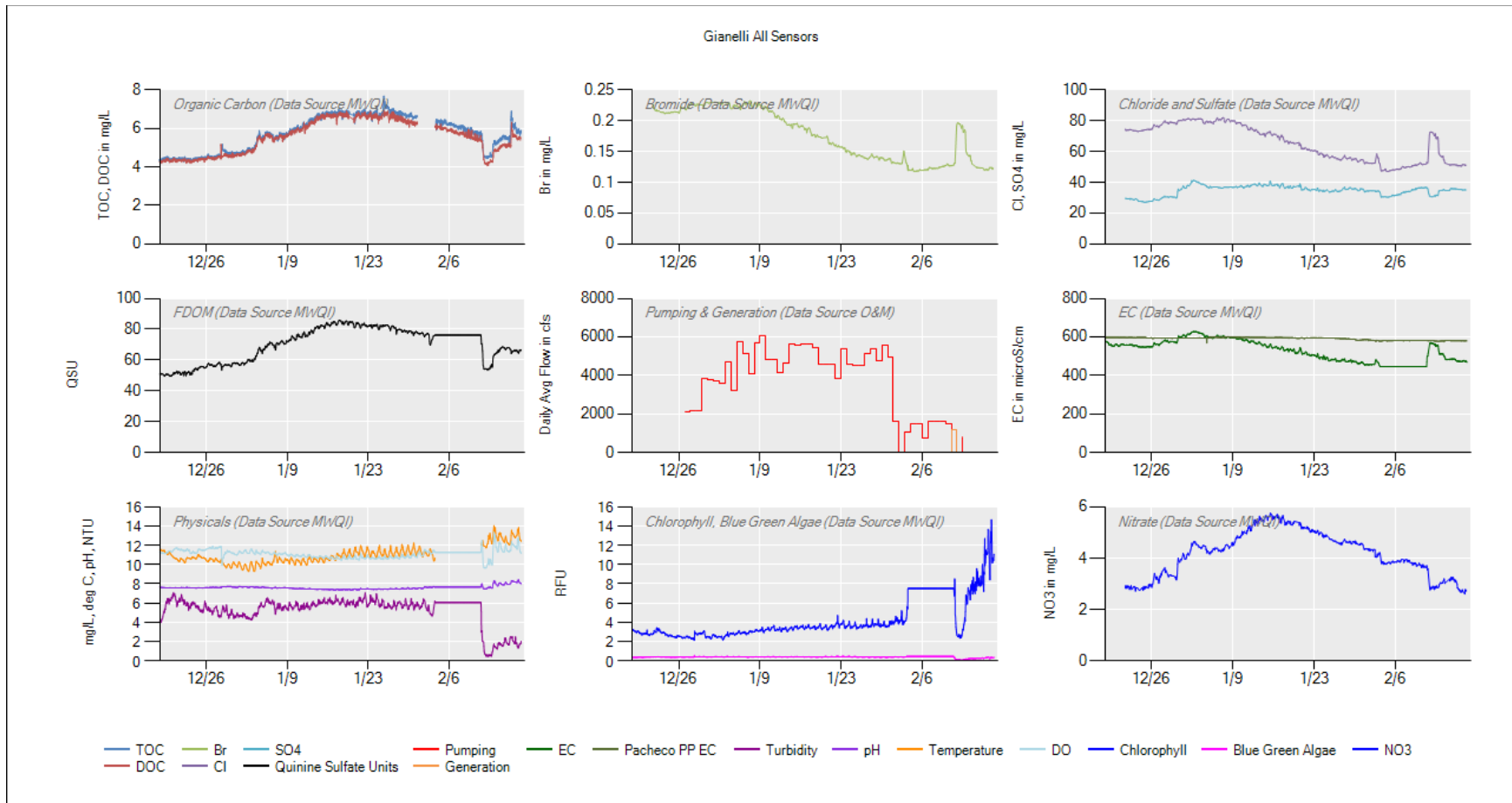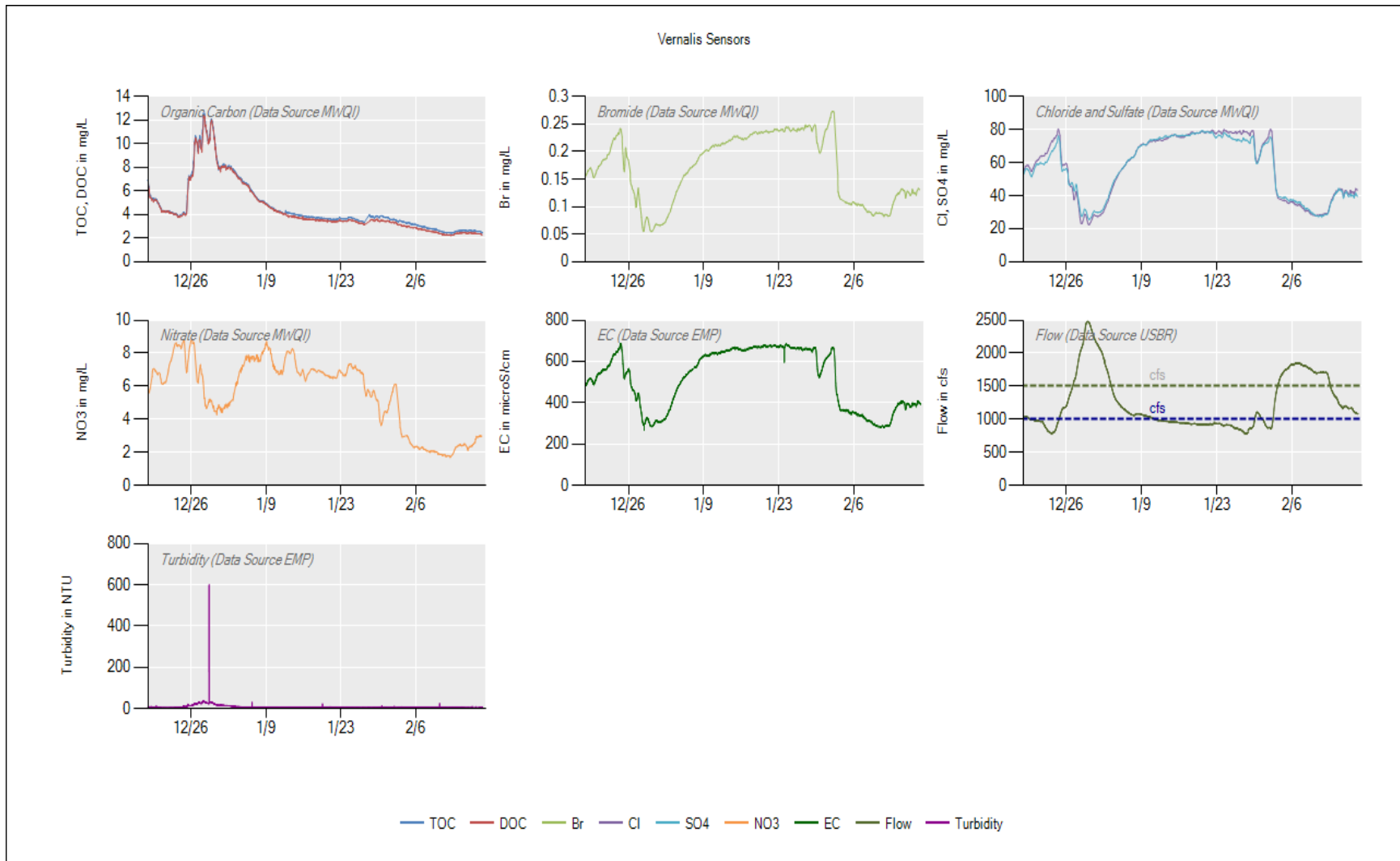**1/4:** Replaced all sample delivery system filters, cleaned Turner C3 fluorometer and sonde – **2/15:** Replaced all system filters

Jones Sensors

12/21: Relaced sonde, replaced consumable on the carbon analyzer, replaced 100 um sample delivery system filter – **12/23:** The anion analyzer experienced a software problem which was troubleshot and restarted by the end of the station visit – **1/4:** Cleaned anion analyzer intake lines, cleaned sonde, replaced the 100 um sample delivery system filter, had to re-configure anion analyzer software and sonde datalogger inputs – **1/12:** Replaced all sample delivery system filters, had to re-configure the anion analyzer software again, rinsed sonde and updated firmware – **1/20:** Replaced sonde, replaced 100 um sample delivery system filter, flushed station intake line – **1/26:** Replaced all sample delivery system filters except the 50 um, analyzed QC samples – **2/11:** Replaced sonde
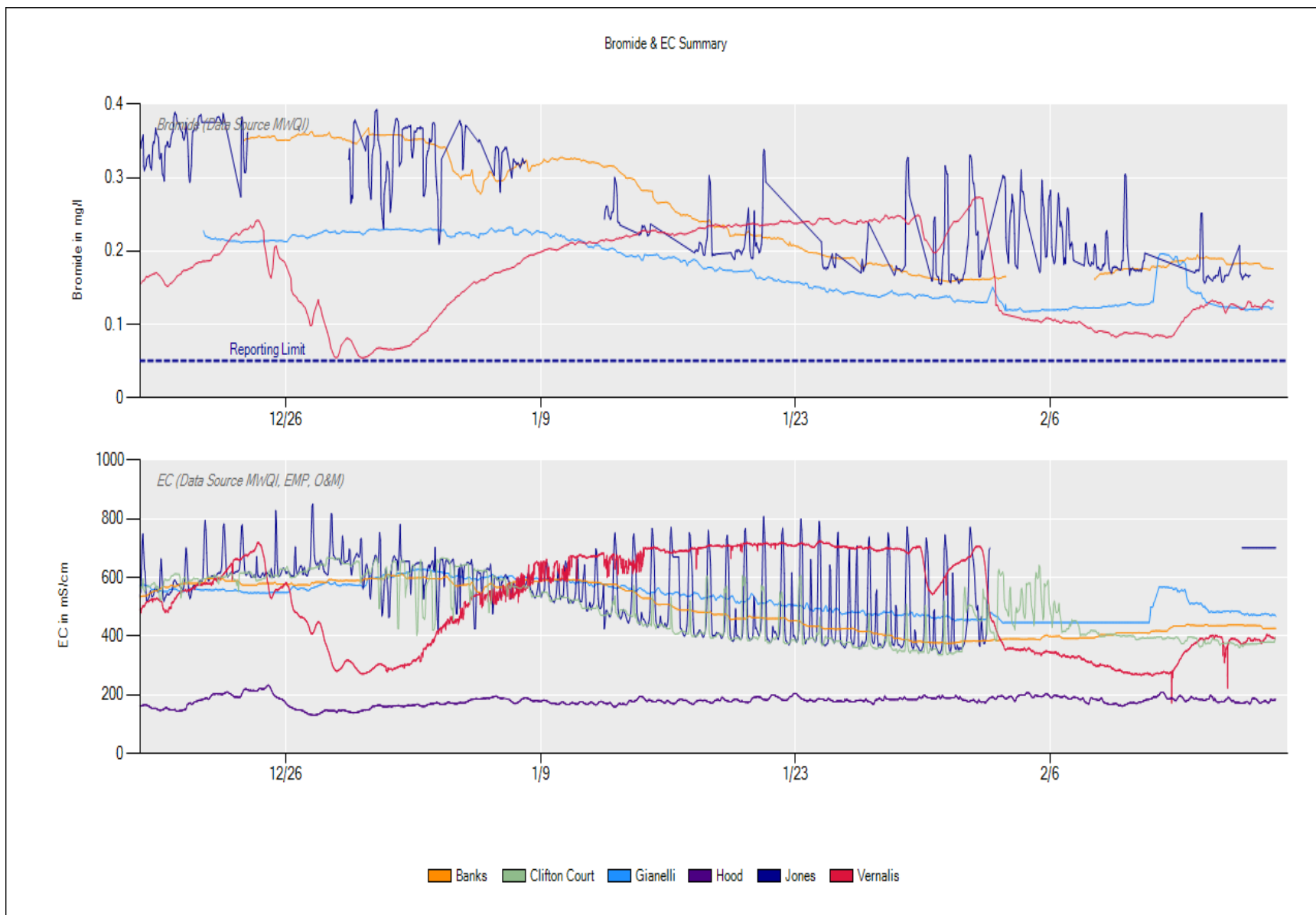
Gianelli All Sensors

12/28: Replaced all sample delivery system filters – 1/25: Analyzed QC samples, the carbon analyzer has a clog in the grab sample system, unable to run grab samples, attempted to clean the grab sample port and backflush the internal lines, will return on Friday to reassess and finish the QC, replaced sample delivery system filters and cleaned filter housings – 1/31: Flushed the carbon analyzer pumps, everything checked out normal, analyzed standards and blanks but grab samples did not work, will look into this more later this week – 2/3: Replaced sonde, cleaned housing and inlet and outlet lines, anion analyzer over pressured so I removed a resistor coil, will check the system when I get back to the office – 2/11: Sonde showed a malfunction light, cycled the power to the sonde and its adapter, light blinked normally after power cycling, cleaned grab sample port on the carbon analyzer – 2/16: Replaced all sample delivery system filters, rinsed anion analyzer and carbon analyzer lines, analyzed grab samples on carbon analyzer, cleaned grab sample port on carbon analyzer.
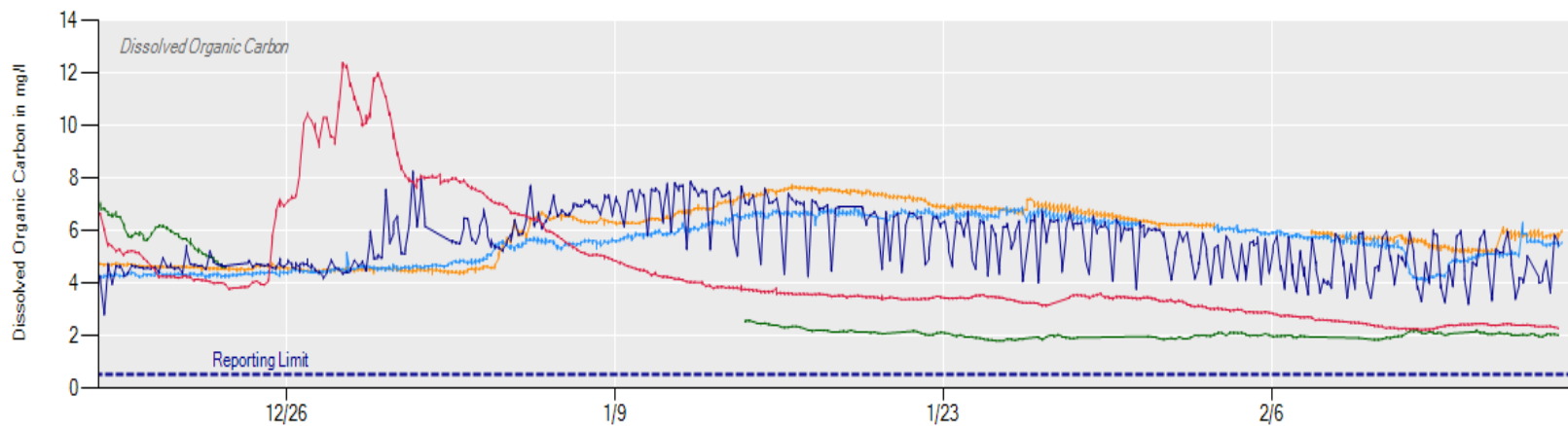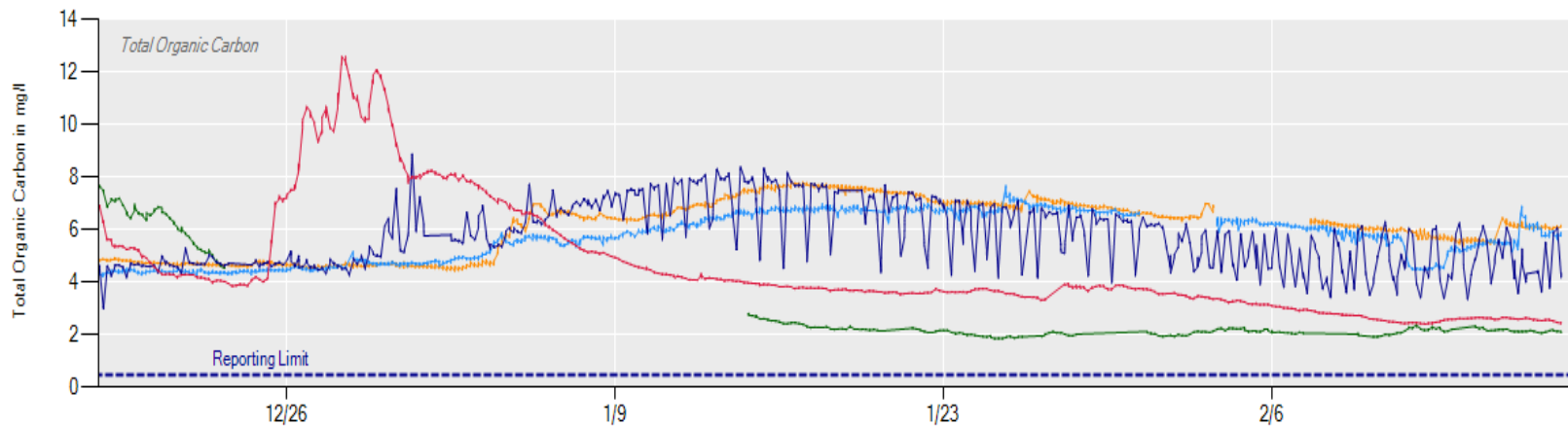
Vernalis Sensors

1/4: Bromide retention time shift – 1/5: Anion analyzer stopped for unknown reason, re-connected the sample prep module, and re-started the analyzer – 1/12: Replaced all sample delivery system filters – 1/27: Replaced all sample delivery system filters, analyzed all QC samples – 2/2: Anion analyzer program issue, it was using the wrong method, changed method to the correct one, ran accordingly after the change – 2/4: Anion analyzer stopped, had to reconnect a component then restart -

Hood Sensors
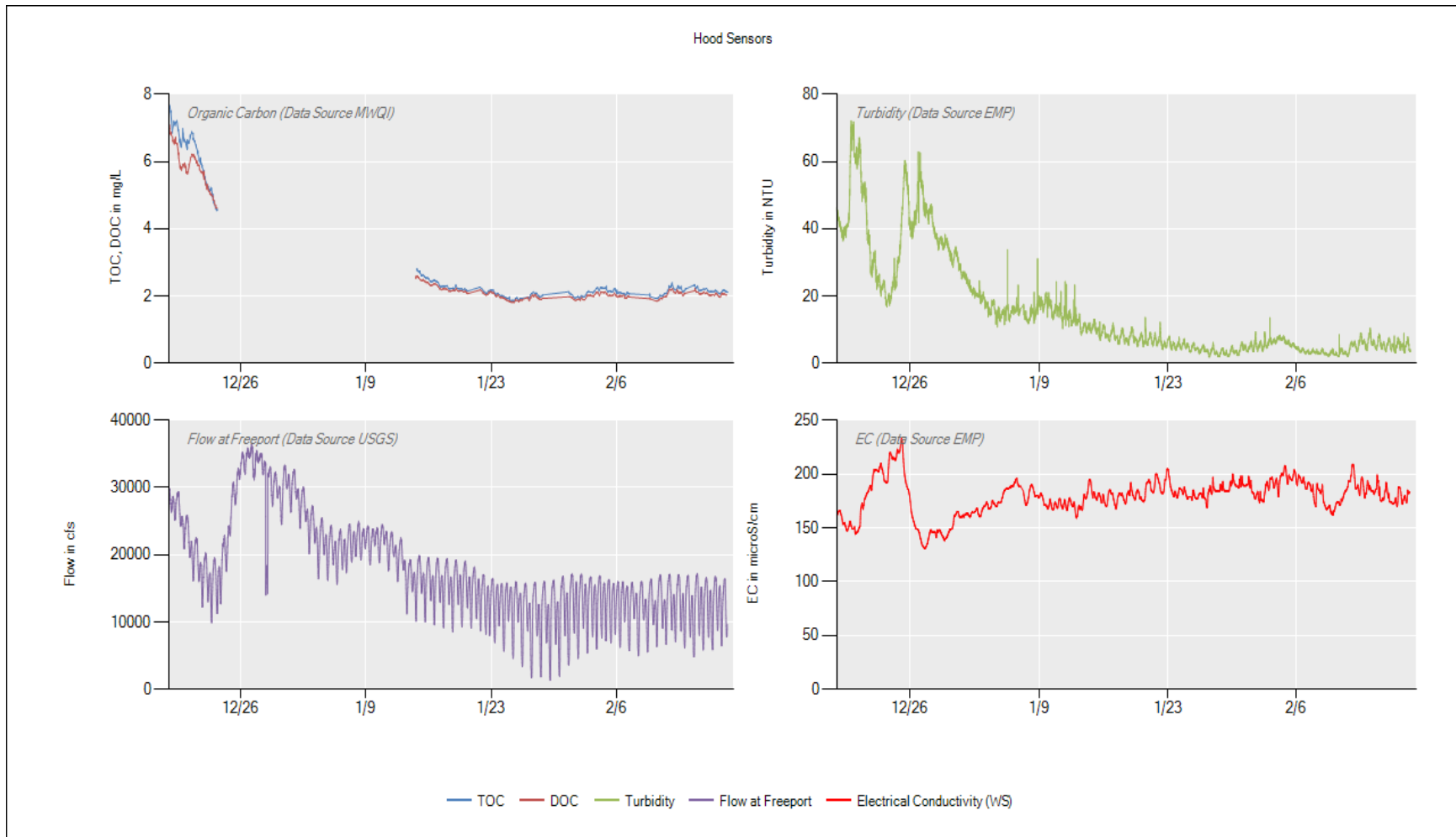
12/23: Carbon analyzer software troubleshoot, PST, AM/PM setting became an issue – 1/14: Able to get the carbon analyzer running again, updated firmware, cycled power, did not work, checked electrical connections between syringes and mother board, began working after that, replaced 50 and 1 um sample delivery system filters – 1/21: Power outage, restarted carbon analyzer – 1/26: Replaced all sample delivery system filters, analyzed all QC samples – 1/31: Restarted carbon analyzer after power outage – 2/9: Carbon analyzer on home screen upon arrival, set to run, probable power outage – 2/10: Restarted carbon analyzer software, analyzer was restarted yesterday – 2/14: Carbon analyzer stopped reporting on 2/13, analyzer on main start up screen, replaced the battery backup battery and restarted the analyzer.
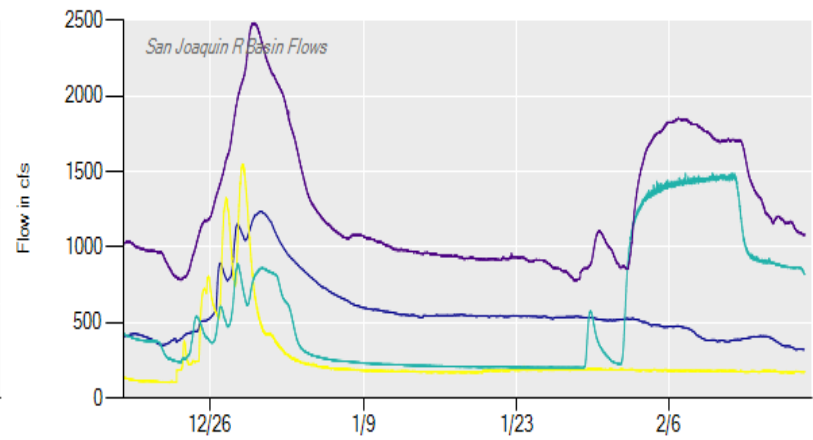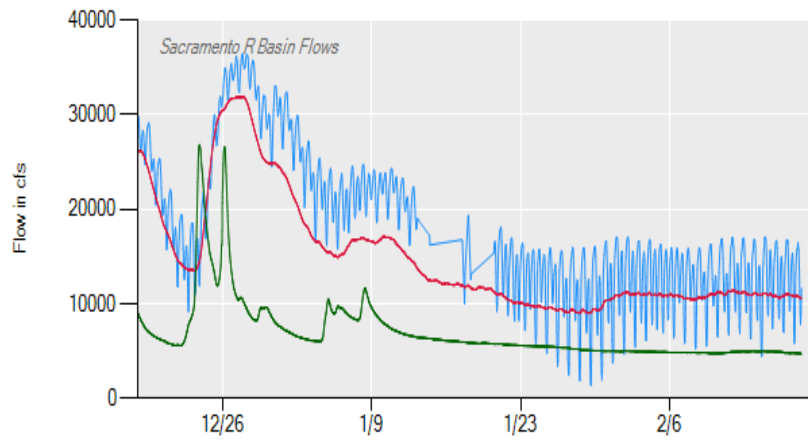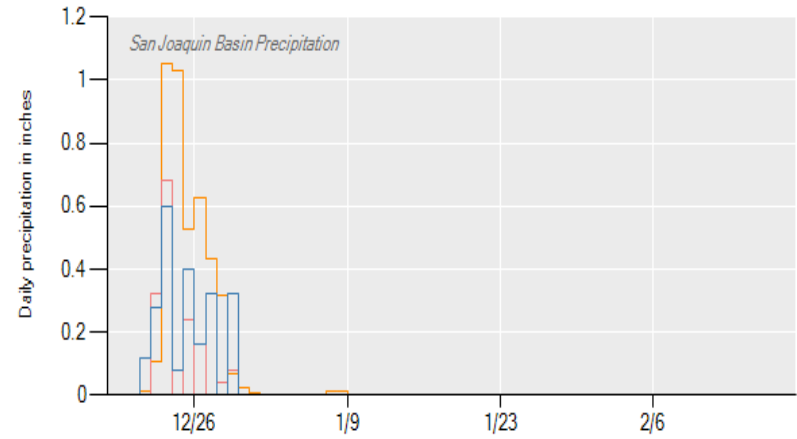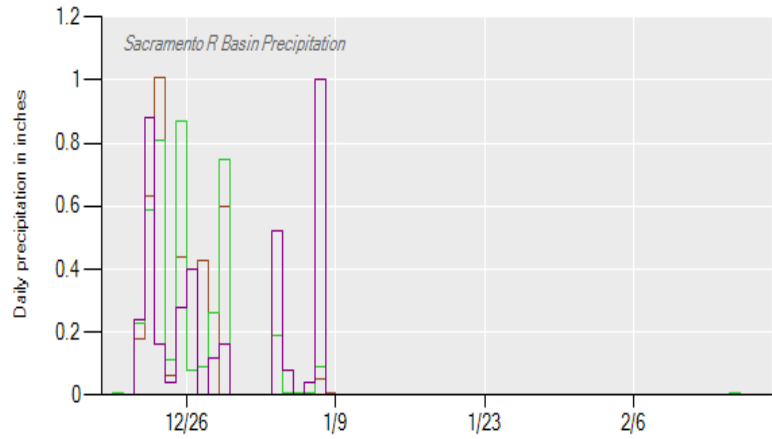
Bromide & EC Summary

Bromide (Data Source MWQI)

Bromide in mg/l

Reporting Limit

EC (Data Source MWQI, EMP, O&M)

EC in mS/cm

Banks   Clifton Court   Gianelli   Hood   Jones   Vernalis

Organic Carbon Summary

Precipitation & Flow

Delta Pumping

Harvey O. Banks Pumping Plant (HRO)

Jones Pumping Plant Intake (TRP)

Gianelli Pumping Plant (GPP)

O'Neill Pumping Plant (OGP)

Dos Amigos Pumping Plant (DSA)

South Bay Pumping Plant (SBA)

Barker Slough Pumping Plant (BKS)
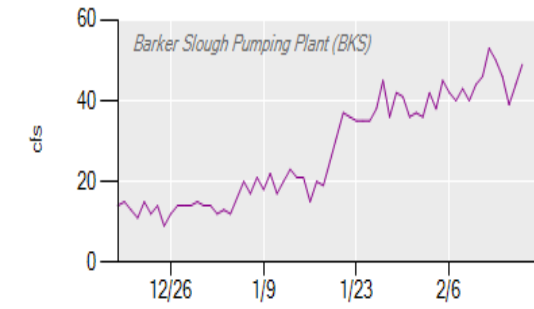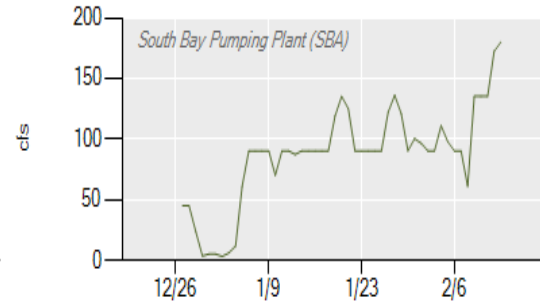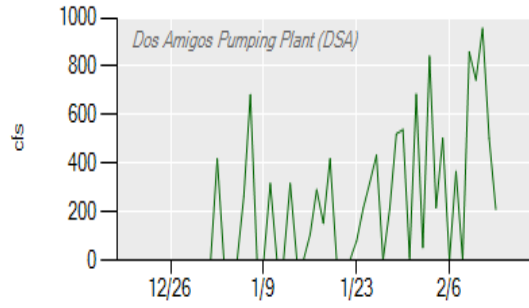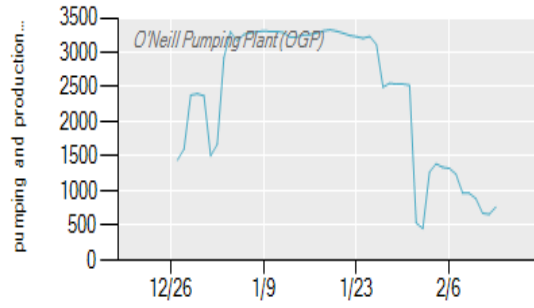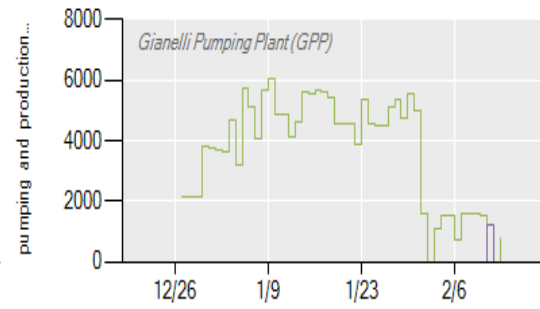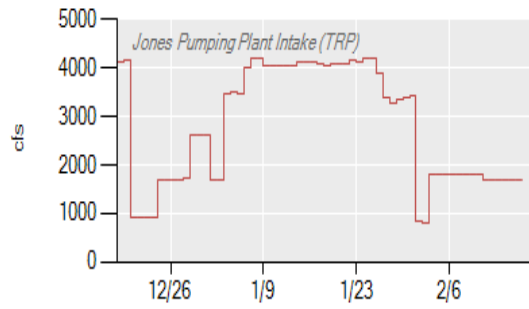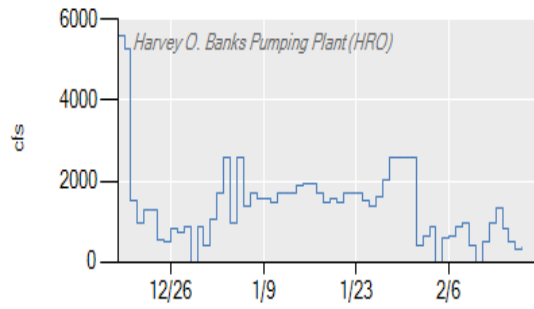
HRO — TRP — GPP Pumping — GPP Generation — OGP Pumping — OGP Generation — DSA — SBA — BKS