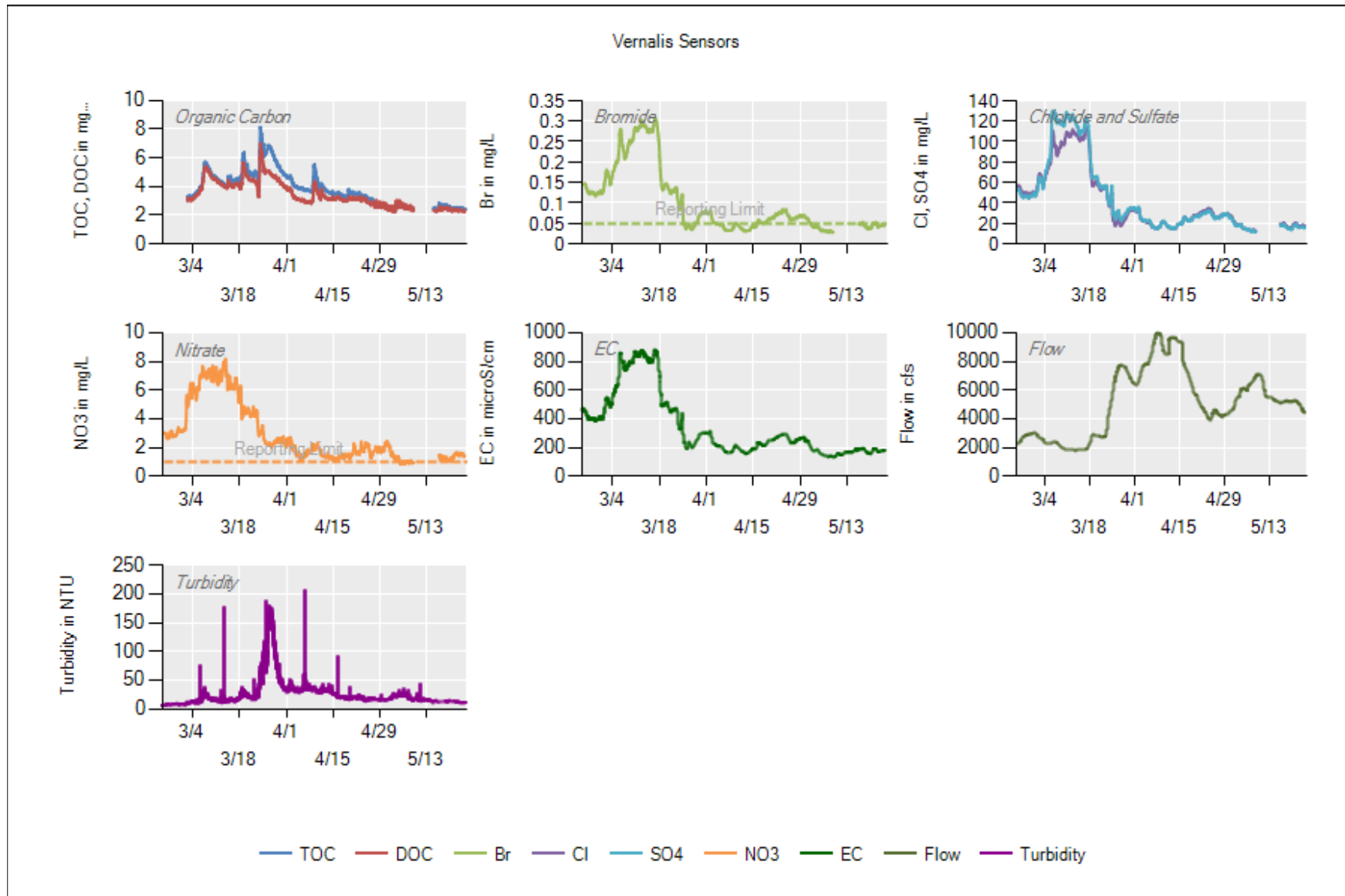
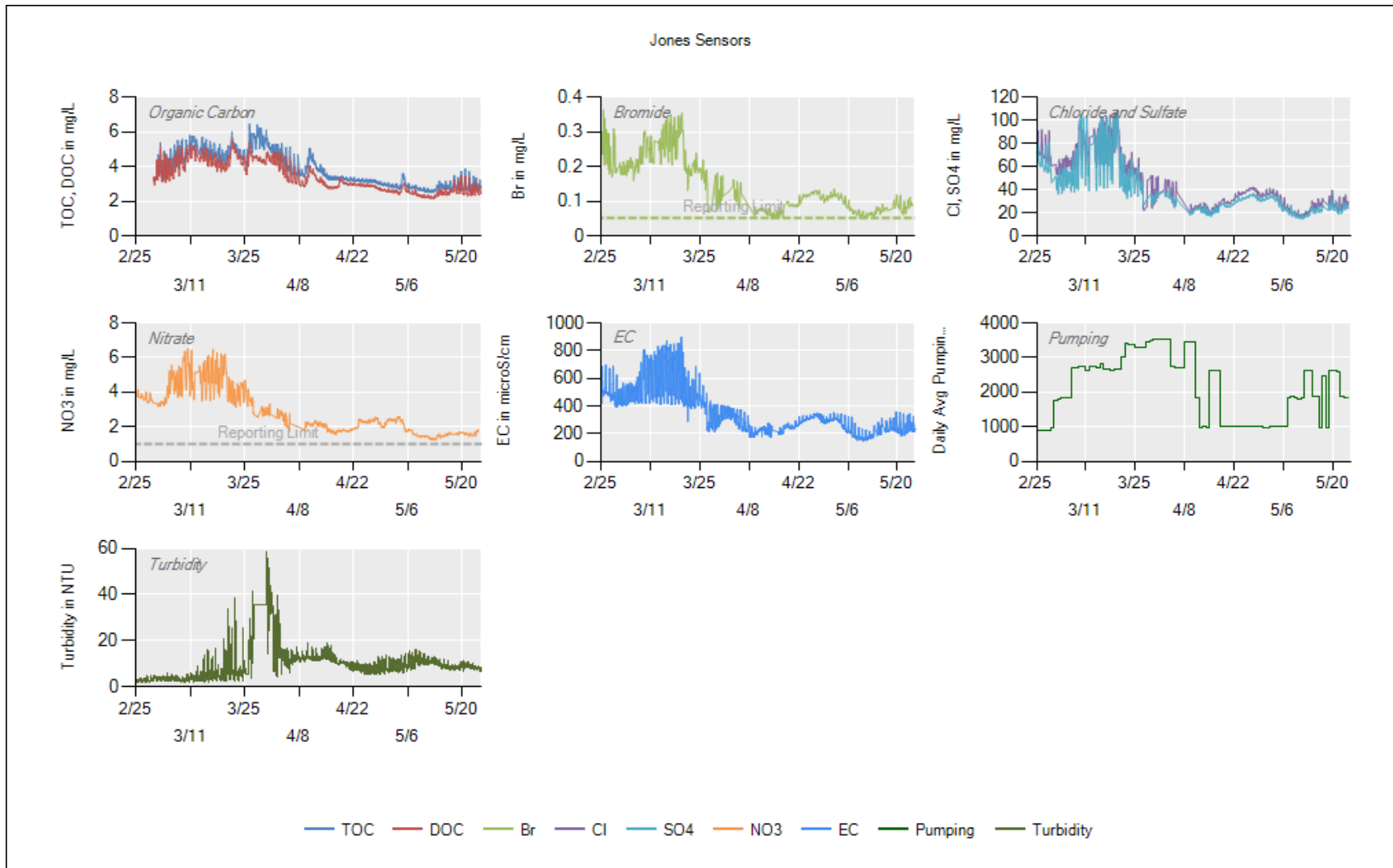


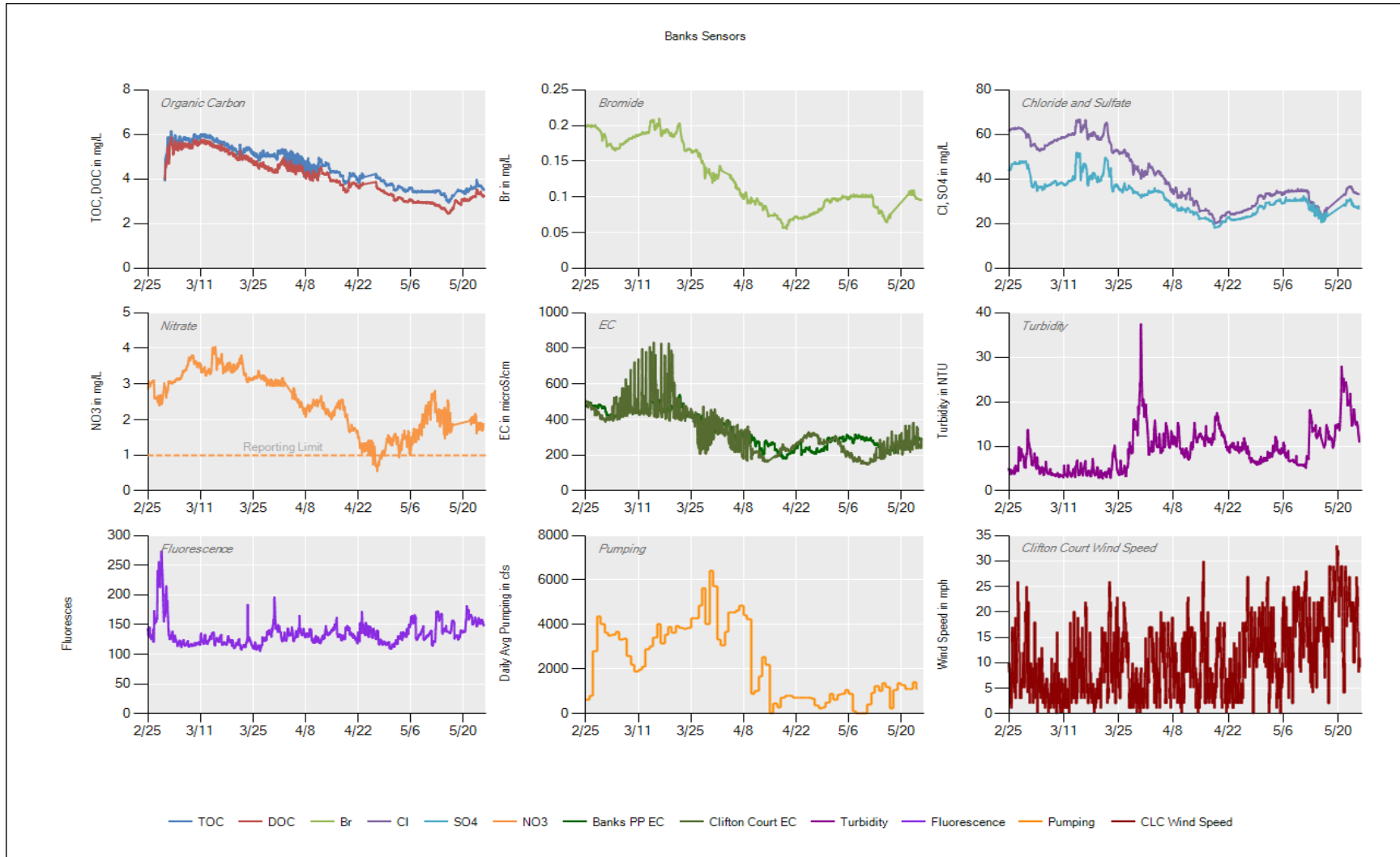
3/1: Carbon analyzer re-installed after annual calibration and maintenance – **3/20:** All sample delivery system filters replaced – **3/30:** Sample pump float partially submerged, lifted out of water and reset – **4/9:** Pump partially submerged again, pulled up and reset – **4/17:** Replaced all sample delivery system filters – **5/3:** Replaced 50 um filter – **5/15:** Cleaned 50 um filter, replaced the 1 and 0.45 um filters



Events: Power outages from 5/8 – 5/16. Datalogger problem mislabeled TOC data as DOC from 4/27 – 5/8.

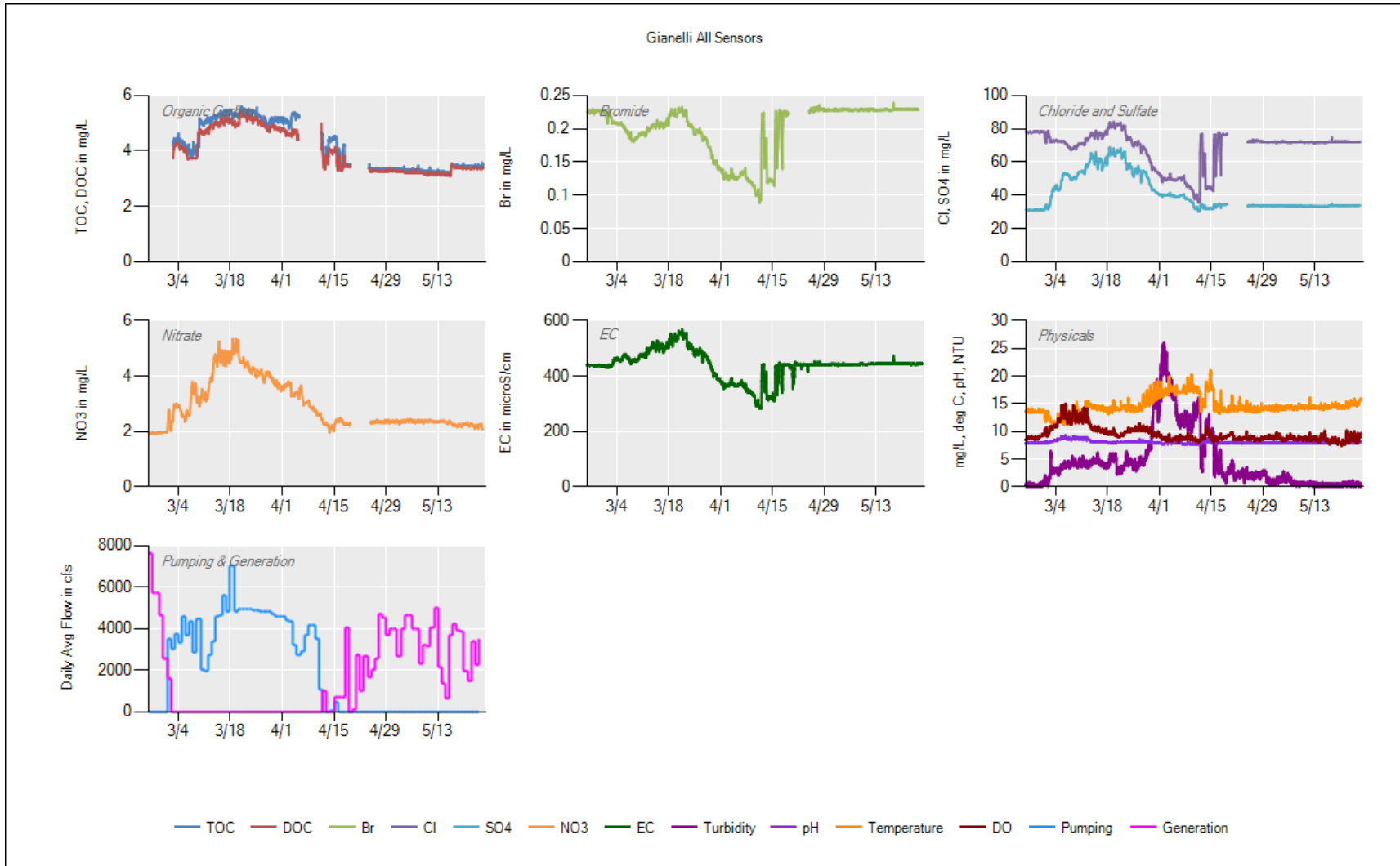


Both the Dionex and Sievers have been operational since the last update with no major shutdowns. All constituents are reporting relatively low tidal influence due to decreased pumping during the past six weeks. Routine maintenance continues to occur at two week intervals.



Significant Events: FEB 25th, 2018 to May 26th, 2018

- RTMQC every month. Filter changes every two weeks. The Dionex at banks was non-operational on the 18th-20th due to a calibration issue after changed the EG.



- 4/19 to 4/24 – A short power outage stopped the Sievers and Dionex. The modem did not reboot properly once power was restored which prevented me from restarting the Dionex remotely. A station visit was made to restart the modem and instruments manually. I also changed the Dionex columns on this day. They had lasted 14 months.

