

Method:

The following charts were created using data* for the years 2015 – 2018 that was provided by Haley & Aldrich to the University of Connecticut. The charts show the pollutant level for all the monitoring wells that showed sample exceedances in excess of DEEP's Remediation Standards (RSR)* for the chemicals displayed. Sample "blanks" that showed exceedances were not displayed, as these values would have been a consequence of field or laboratory error. When duplicate samples showed nearly identical values, only one value was presented for the sake of clarity of display.

To improve readability, the RSR (identified as **GAGPC**) was added as a horizontal bar to the charts to signify the extent of the exceedance. Additionally, a trend line was added to the charts to show the rate of change over the time period displayed and the statistical accuracy of the trend displayed.

***Sources:**

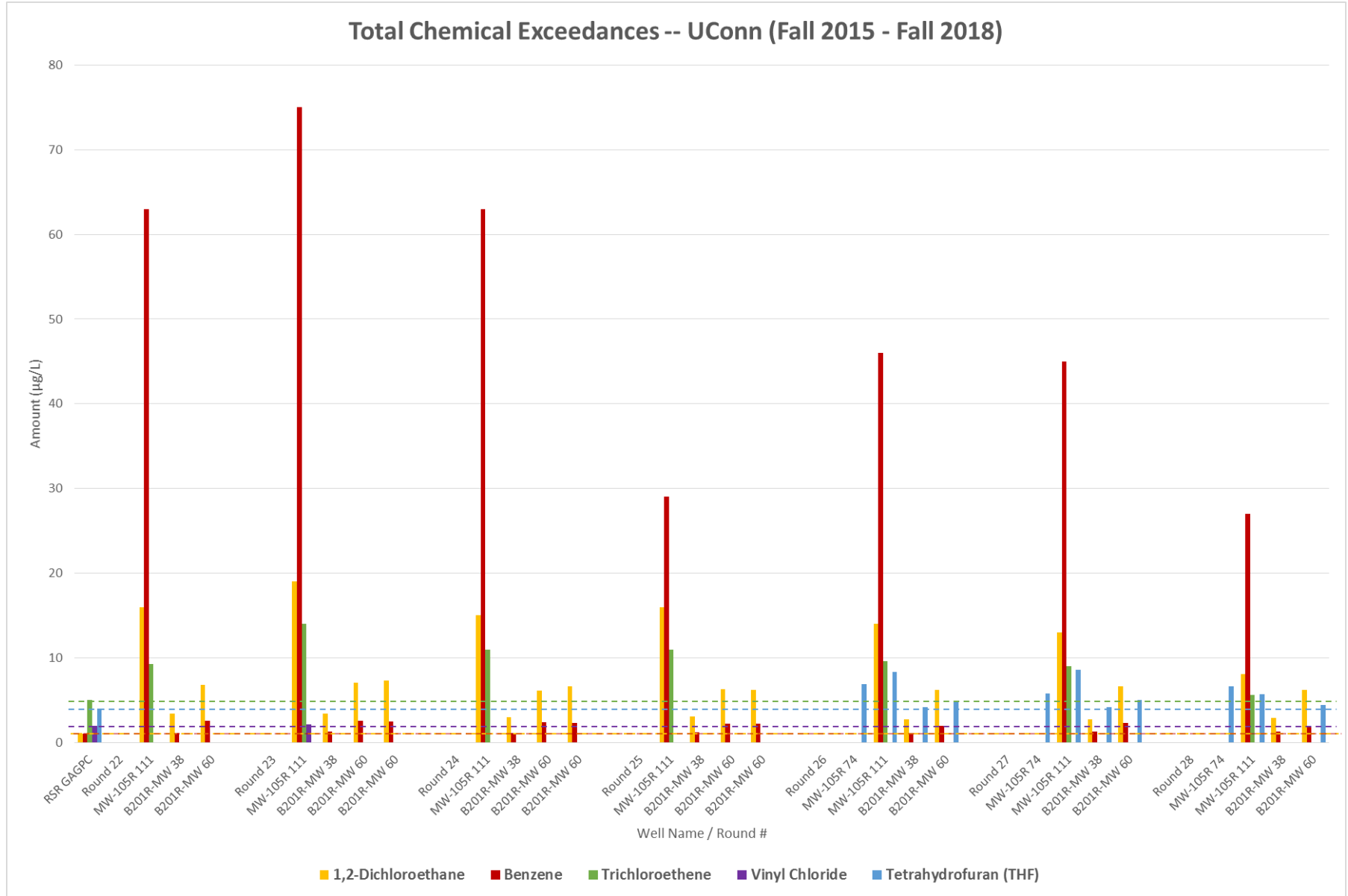
Long-Term Monitoring Plan Spring 2015 Semi-Annual Sampling Round #22 UConn Landfill Storrs, Connecticut
Long-Term Monitoring Plan Fall 2015 Semi-Annual Sampling Round #23 UConn Landfill Storrs, Connecticut
Long-Term Monitoring Plan Spring 2016 Semi-Annual Sampling Round #24 UConn Landfill Storrs, Connecticut
Long-Term Monitoring Plan Fall 2016 Semi-Annual Sampling Round #25 UConn Landfill Storrs, Connecticut
Long-Term Monitoring Plan Spring 2017 Semi-Annual Sampling Round #26 UConn Landfill Storrs, Connecticut
Long-Term Monitoring Plan Fall 2017 Semi-Annual Sampling Round #27 UConn Landfill Storrs, Connecticut
Long-Term Monitoring Plan Spring 2018 Semi-Annual Sampling Round #28 UConn Landfill Storrs, Connecticut

**Connecticut's Remediation Standard Regulations (RSRs) provide detailed guidance and standards that may be used at any site to determine whether or not remediation of contamination is necessary to protect human health and the environment. The RSRs do not create, in and of themselves, a requirement that remediation be undertaken, nor do they specify a time-frame for completing remediation.*

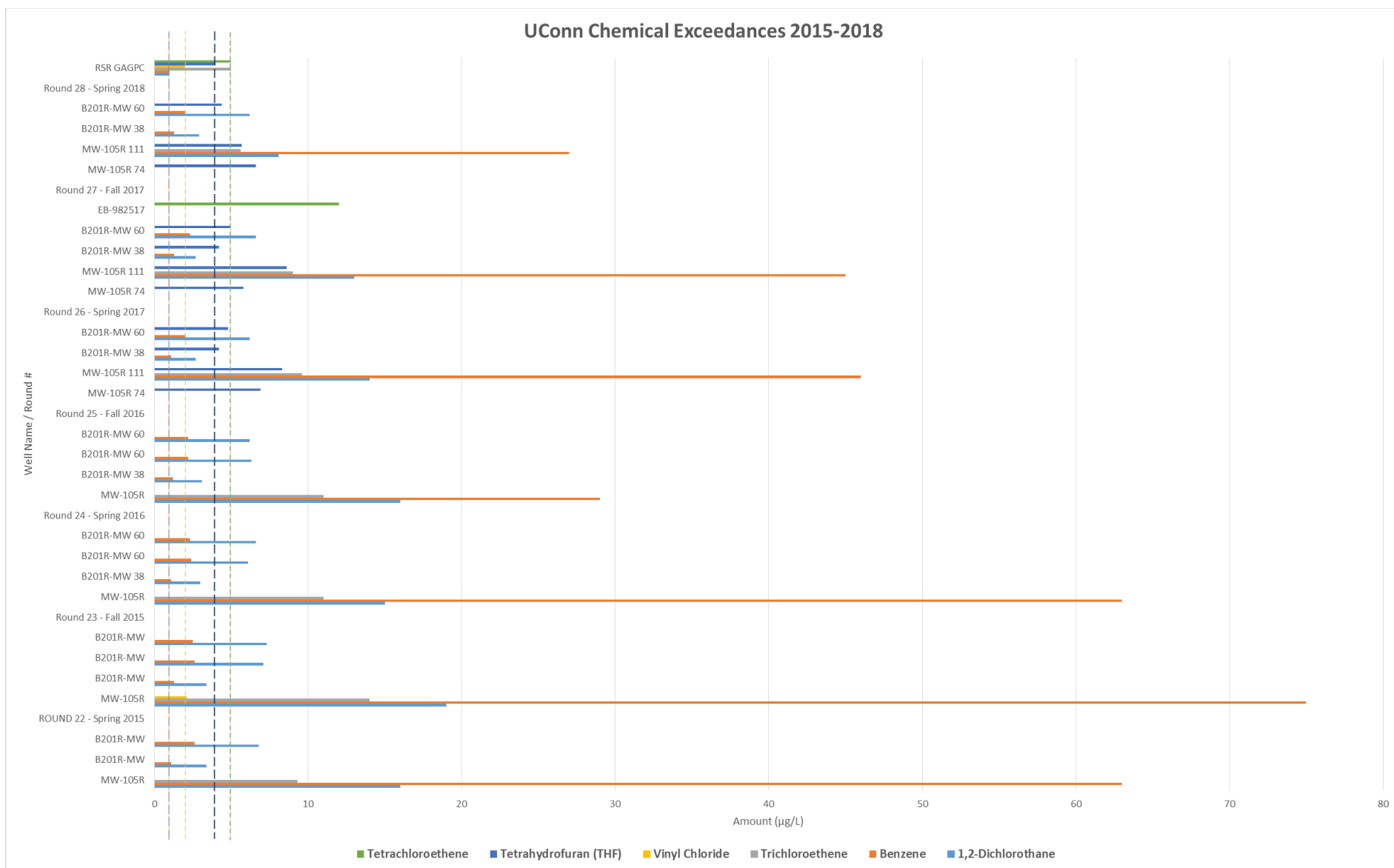
https://www.ct.gov/deep/cwp/view.asp?a=2715&q=325014&deepNav_GID=1626

See Charts 1.1, 1.2, 2.1, 2.2, 2.3, 2.4, 2.5, which begin on next page.

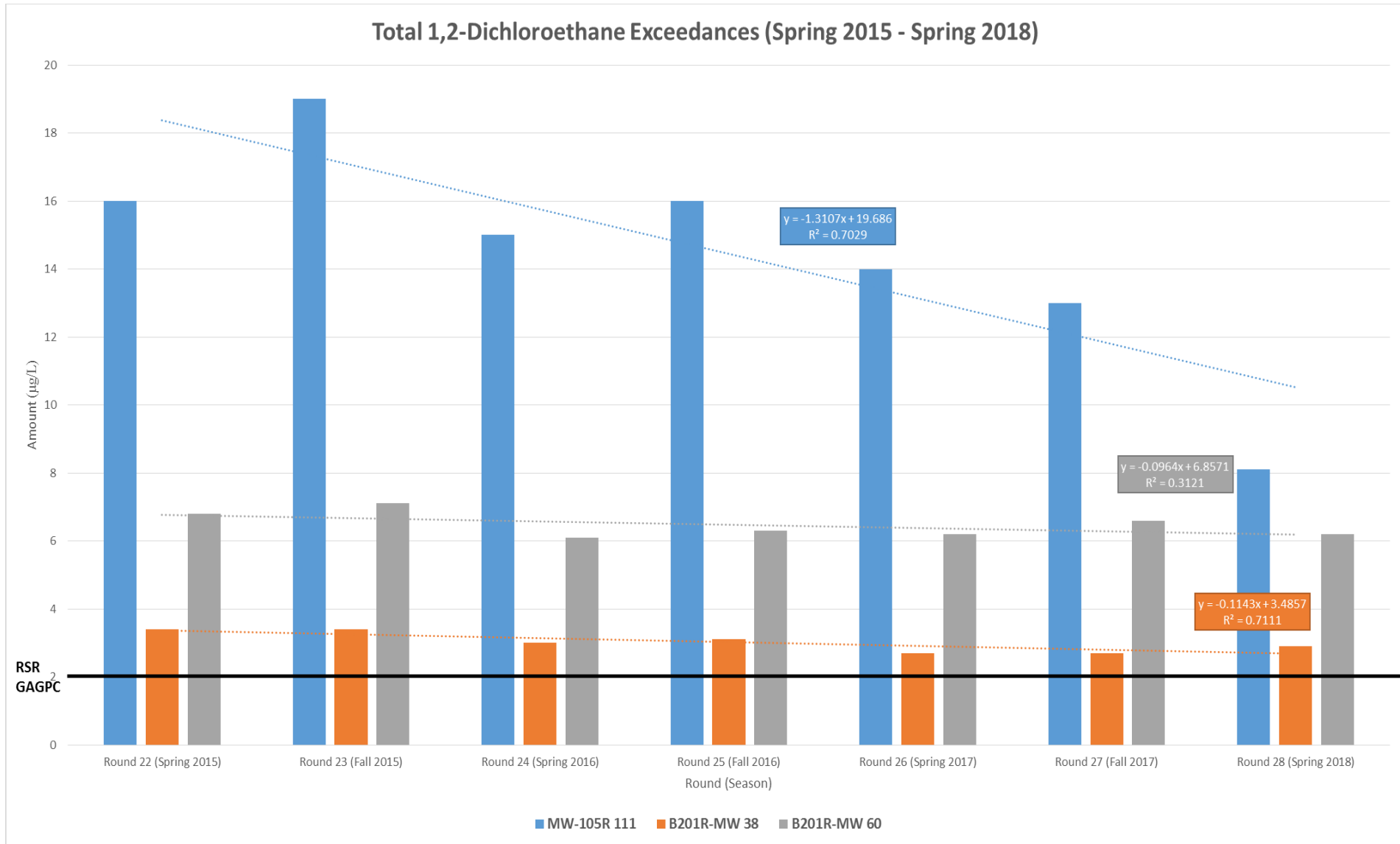
1.1 RSR Exceedances (with RSR Levels Indicated)



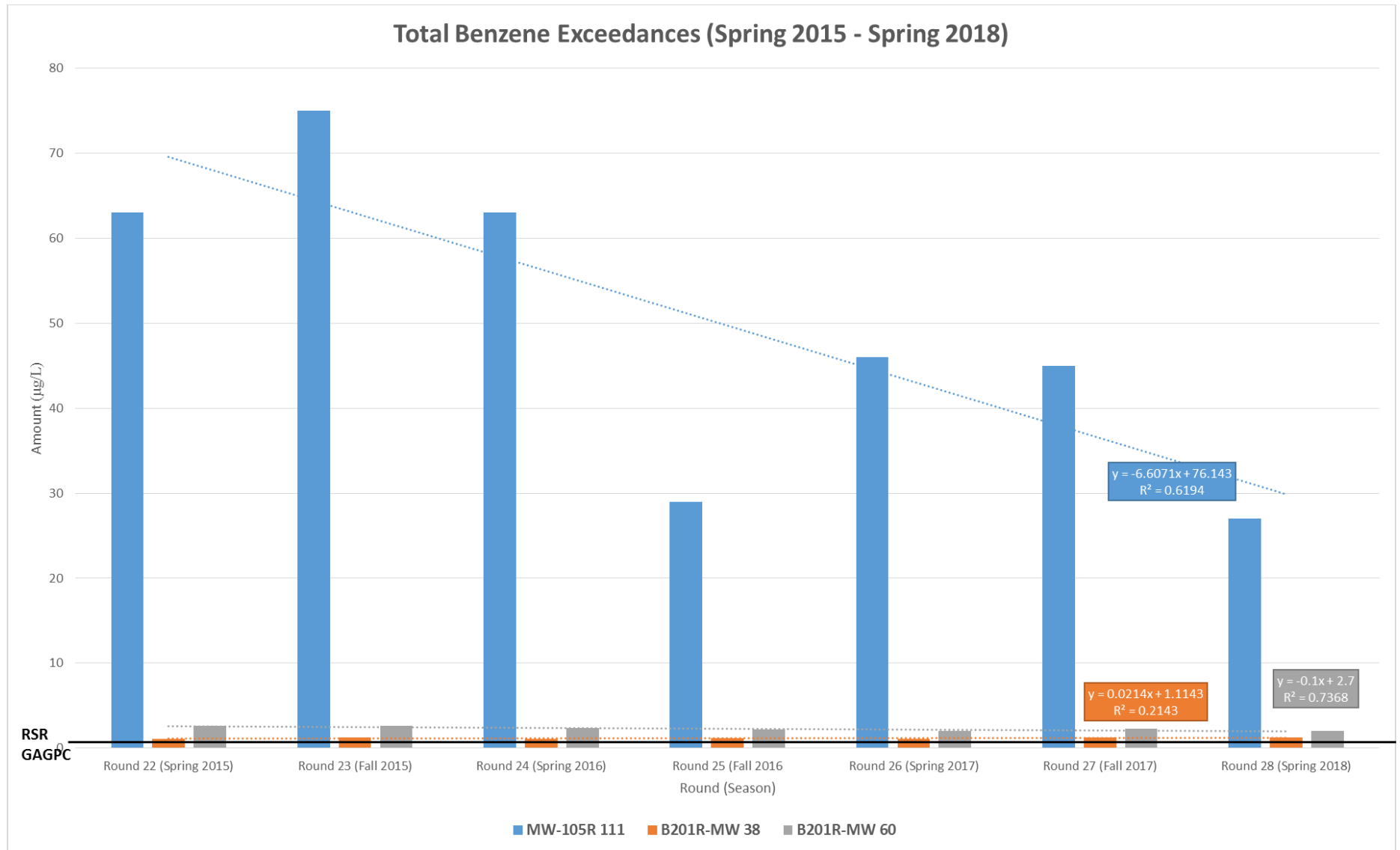
1.2 Total Exceedances from chart 1.1 displayed on horizontal axis for easier reading



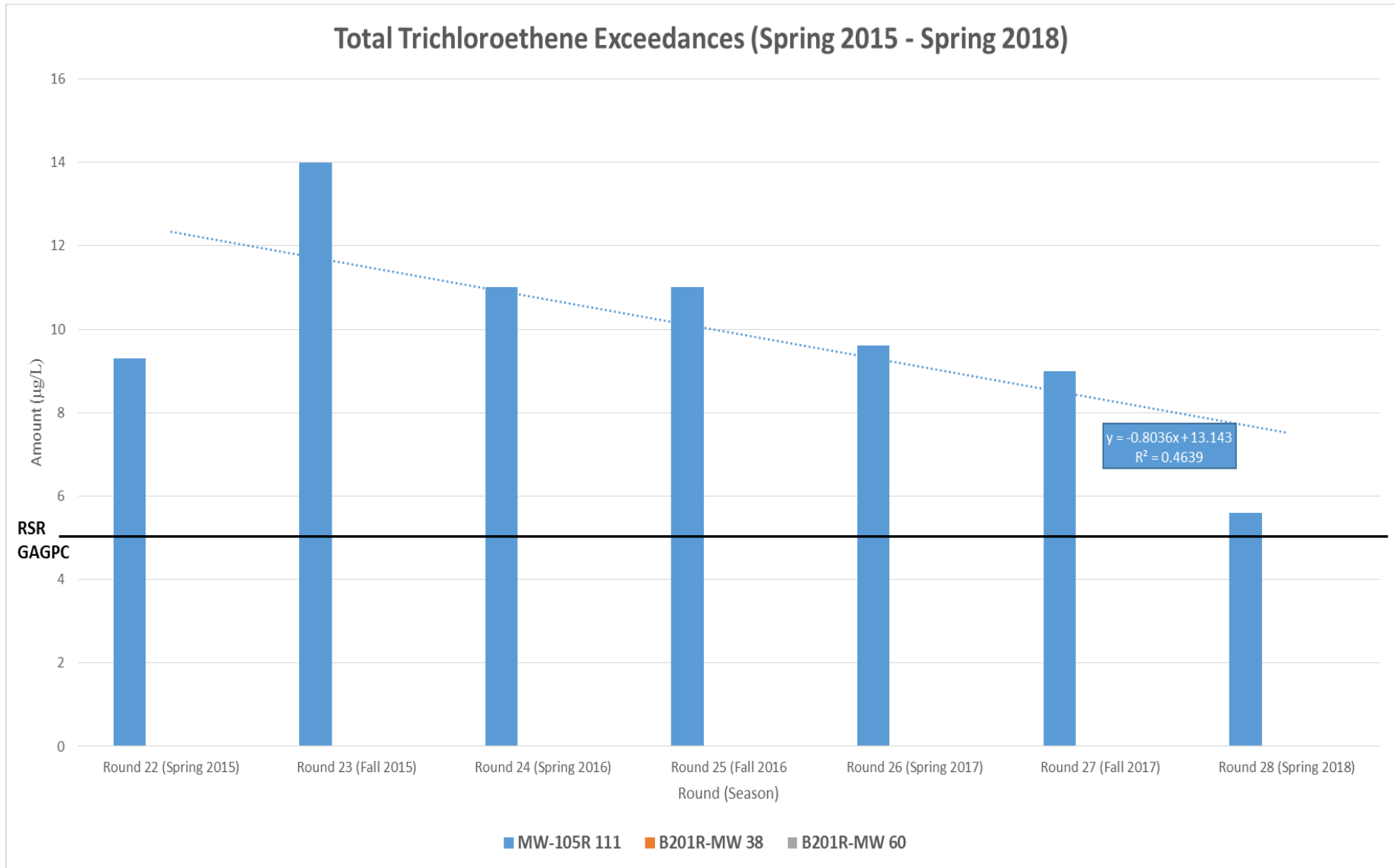
2.1 1,2-Dichloroethene Exceedances



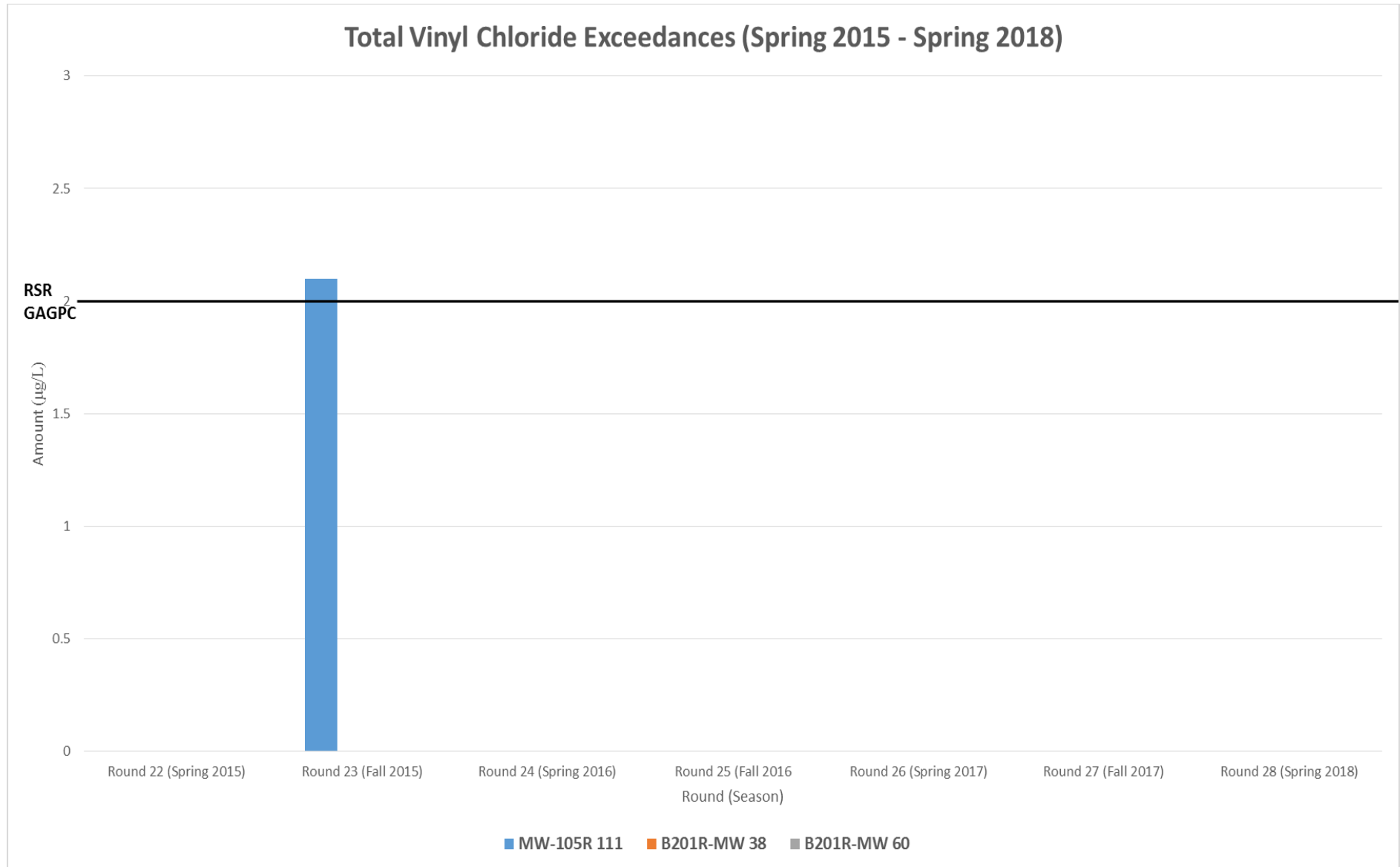
2.2 Benzene Exceedances



2.3 Trichloroethene Exceedances



2.4 Vinyl Chloride Exceedances



2.5 Tetrahydrofuran Exceedances

