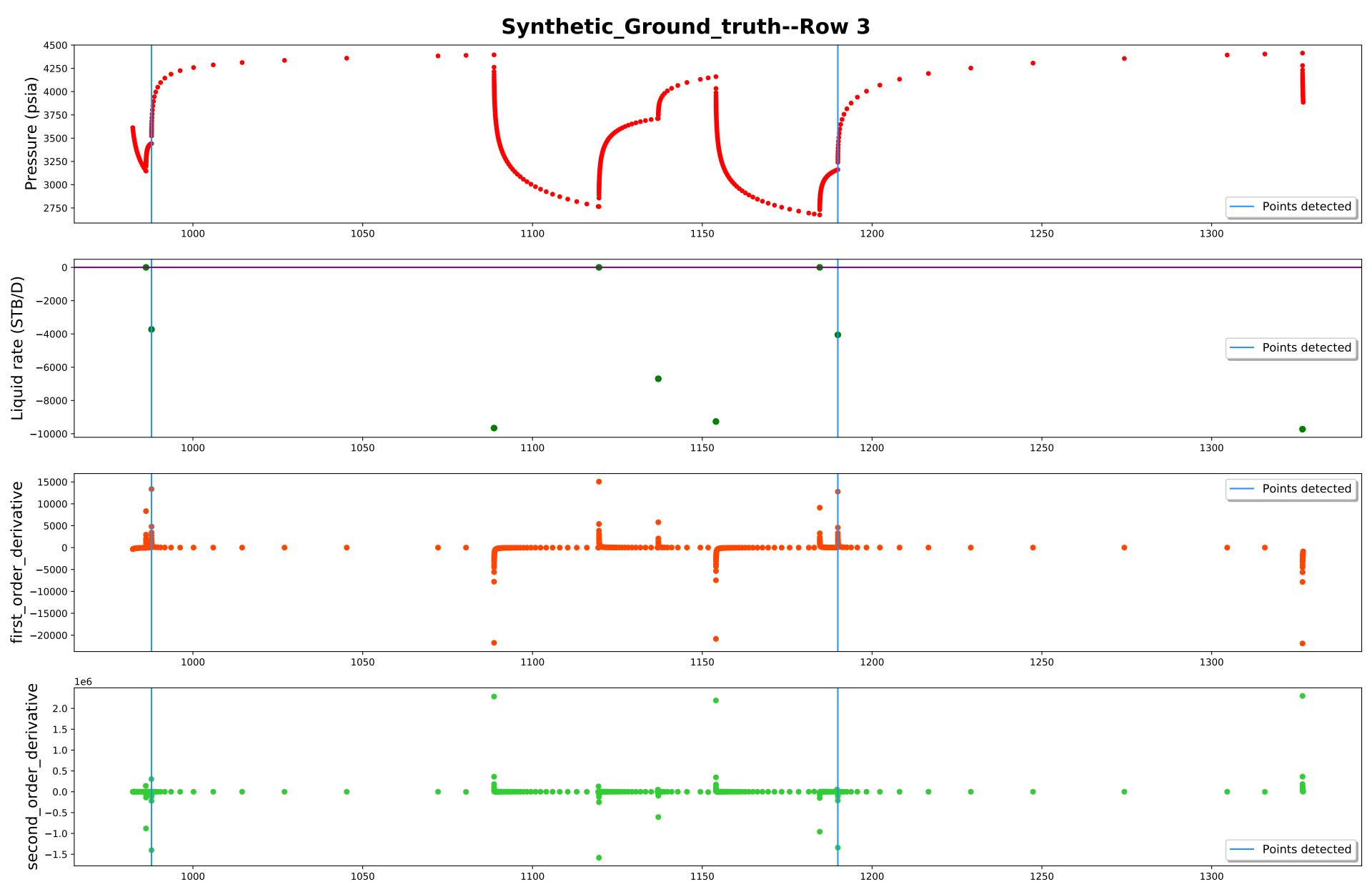
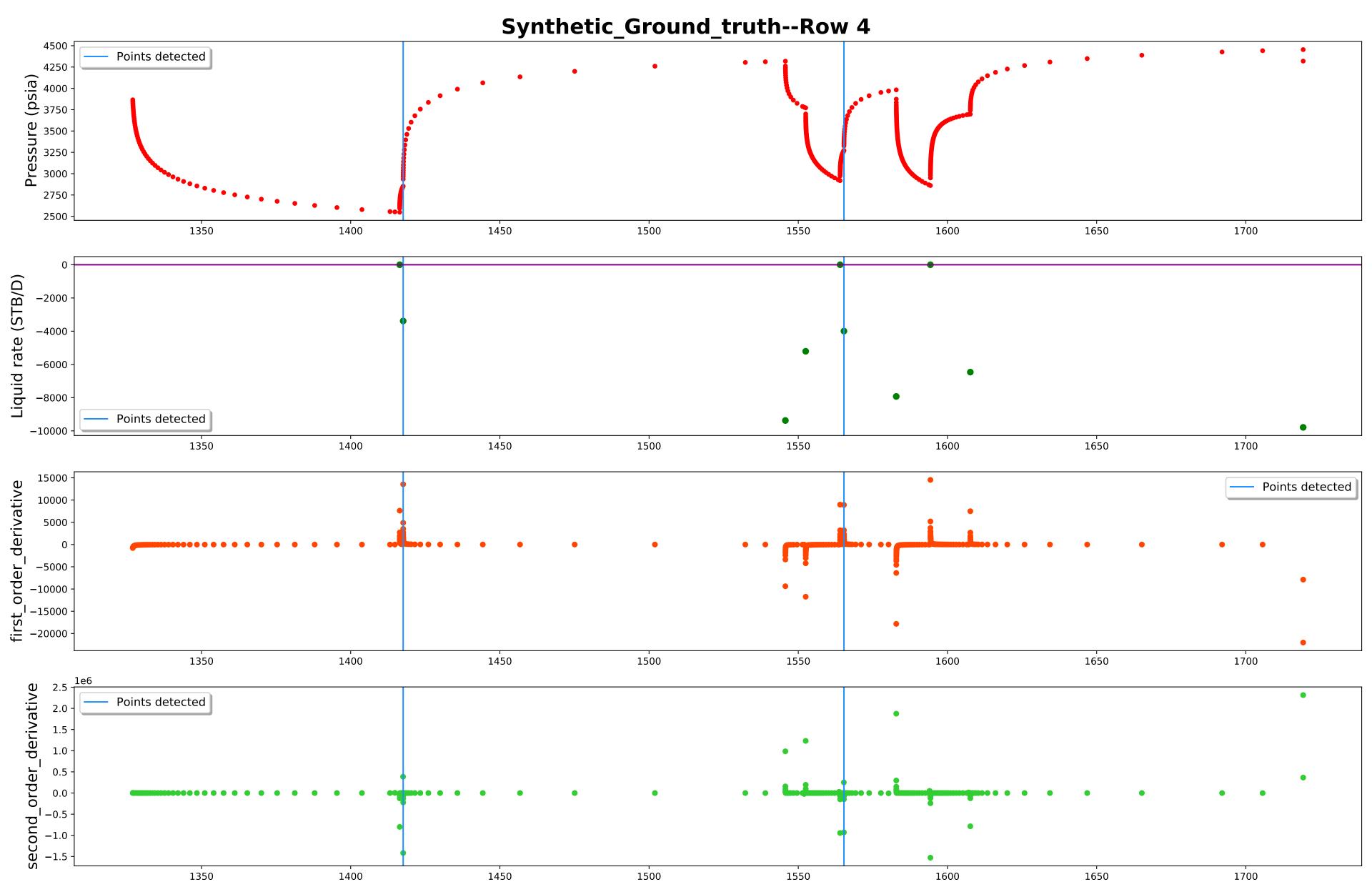
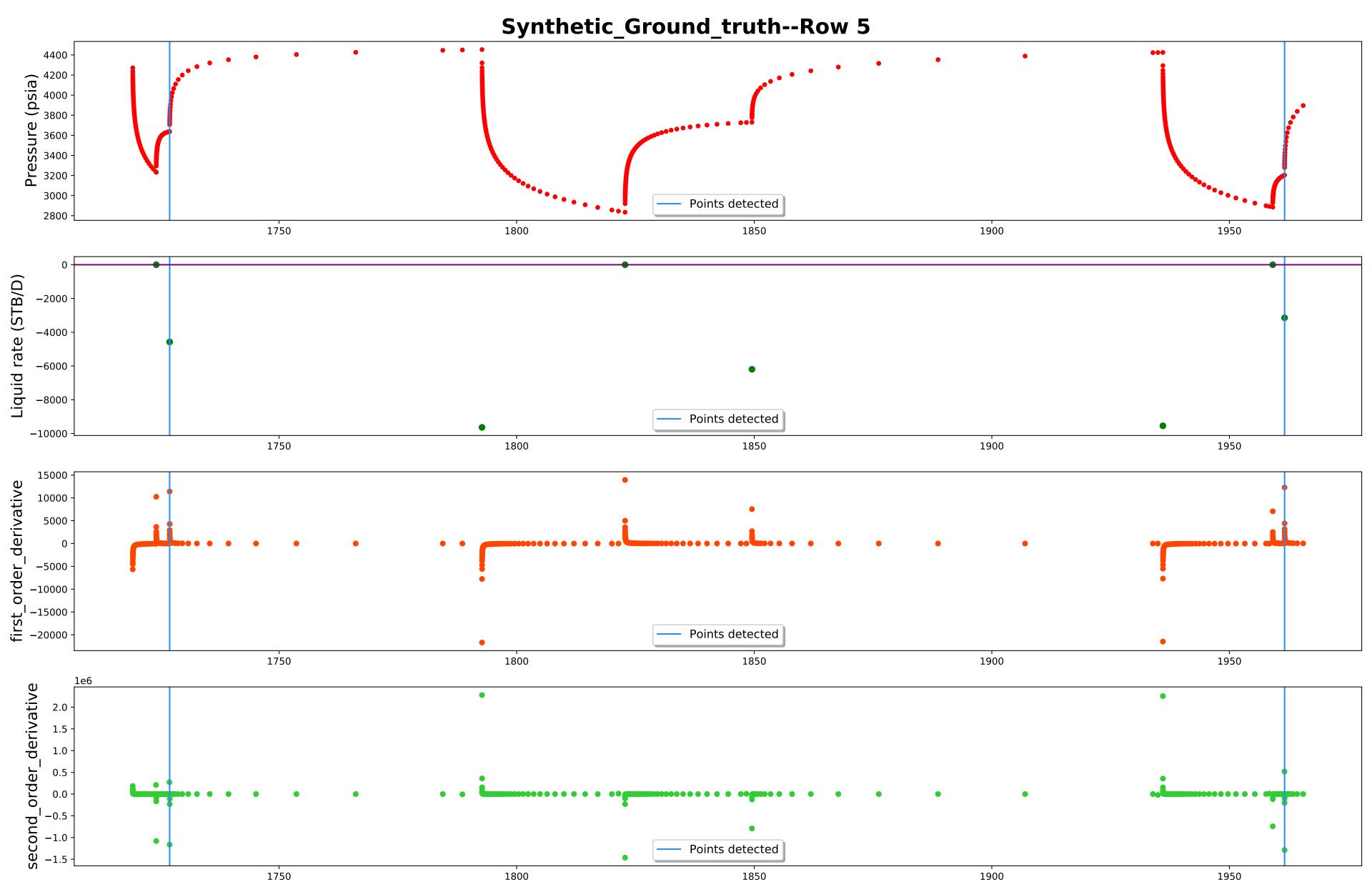
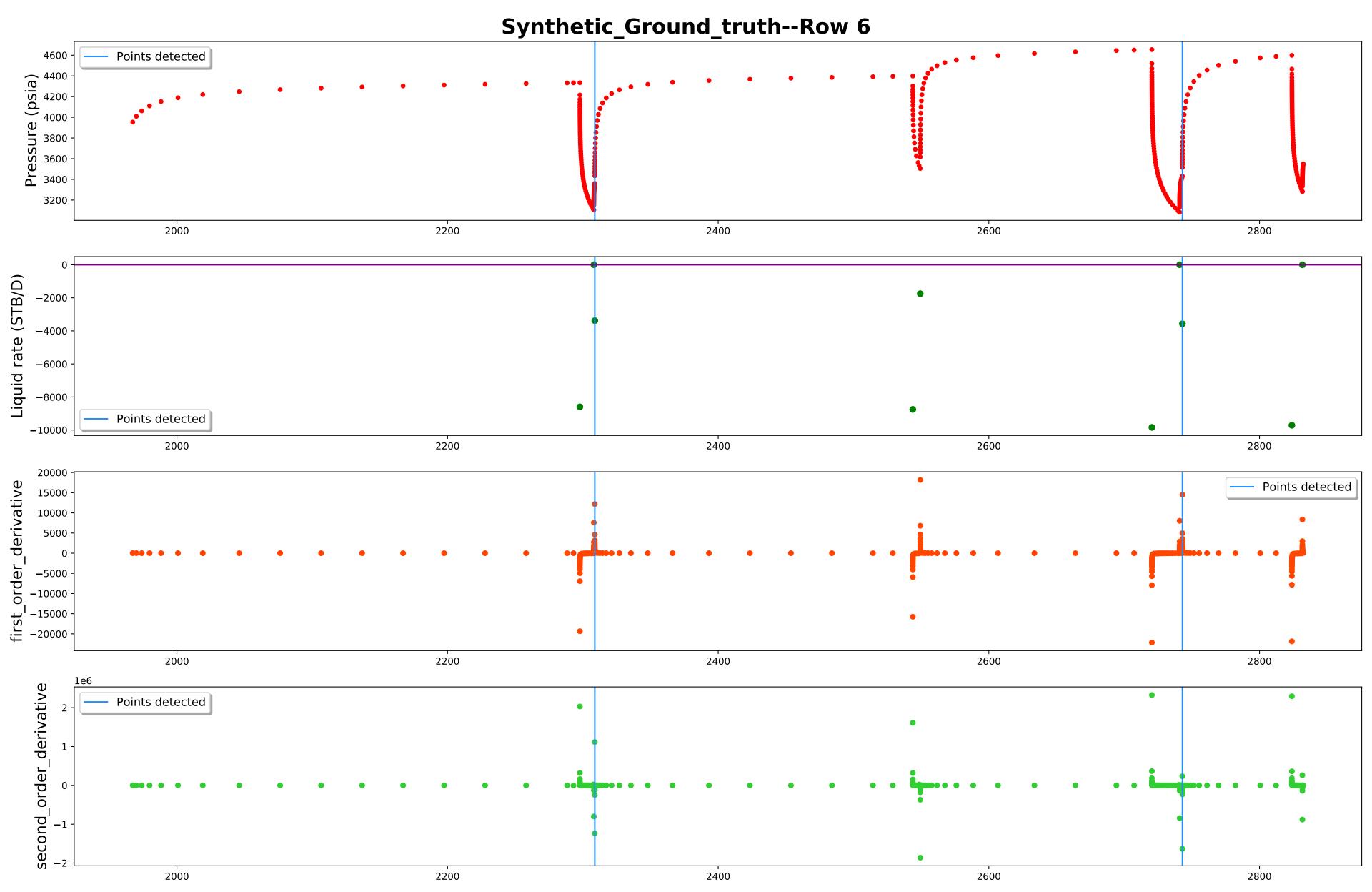
Synthetic\_Ground\_truth--Row 1 Points detected Area Sance (bis of sance (bis Liquid rate (STB/D) Points detected first order derivative 10000 - 10000 - 15000 - 20000 - 15000 -Points detected second\_order\_derivative Points detected 

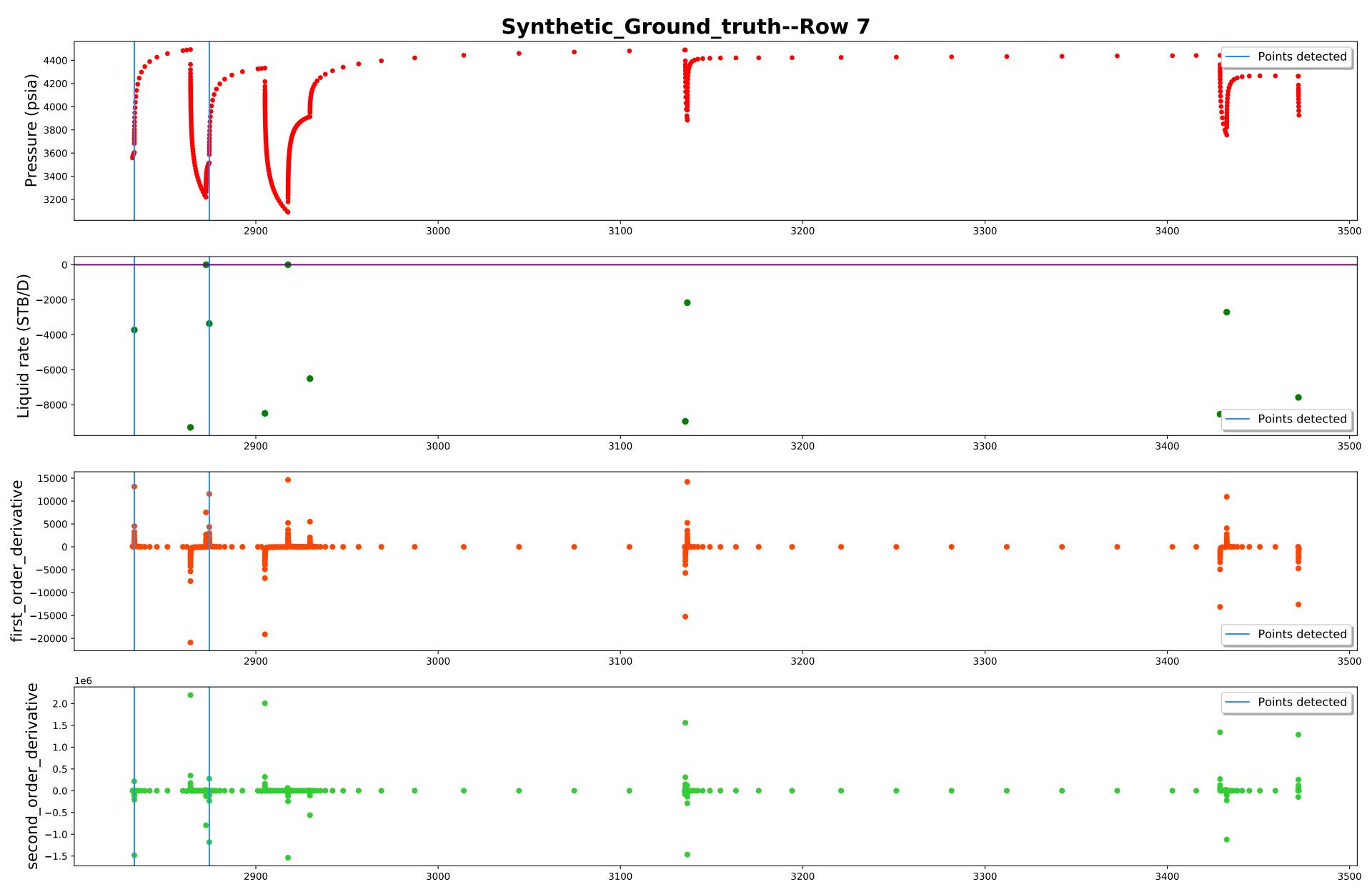
Synthetic\_Ground\_truth--Row 2 Points detected Aressare (bsia) 3750 3500 3000 2750 Liquid rate (STB/D) -4000 -6000 -8000 Points detected -10000 first\_order\_derivative Points detected <u>1e6</u> second\_order\_derivative Points detected 

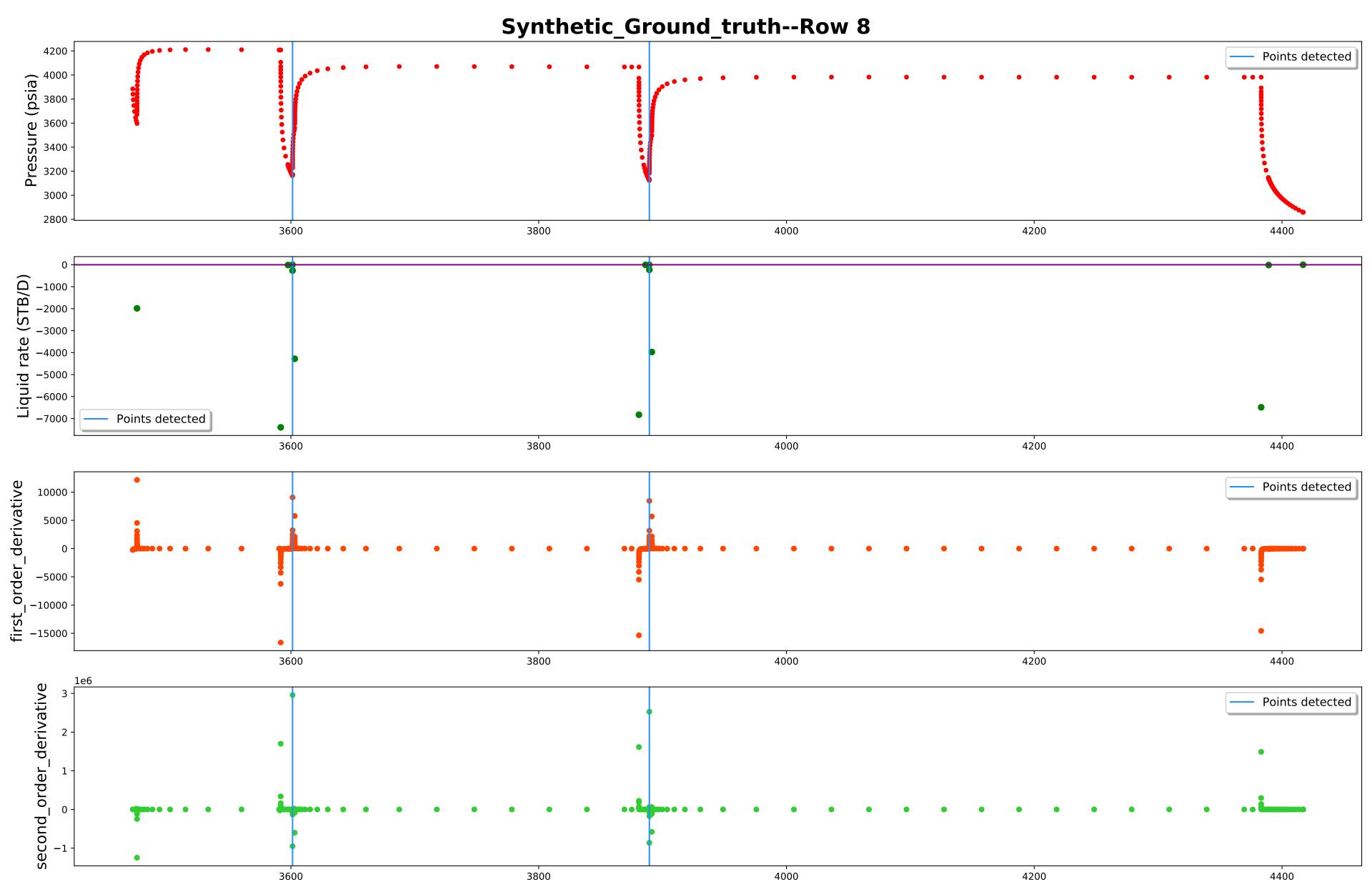












Synthetic\_Ground\_truth--Row 9 Points detected 55<sup>00</sup> Points detected <del>-</del>7000 first\_order\_derivative Points detected second\_order\_derivative Points detected