

# Data Gathering Report / 28 October

Ali Abdollahian Noghabi

CS student at AmirKabir University

a.noghabi2002@gmail.com



## Experiments

### I. 28 October until 4 November Fruit Pictures

double sensor in a box gathering data from a green banana  
on 28 October banana was almost green maybe nearly 20% yellow - [Link](#)  
on 29 October banana was 50% green and 50% yellow - [Link](#)  
on 30 October banana was almost yellow and the head started turning black - No Picture Unfortunately 😞  
on 31 October banana was nearly 10% black - [Link](#)  
on 1 November banana was nearly 40% black - [Link](#)  
on 2 November the banana was nearly 70% black - [Link](#)  
on 4 November banana was fully spoiled that I had to throw it away (it smelled very bad)

### II. 28 October until 4 November Charts

28 October Charts - [Link](#)

29 October Charts - [Link](#)

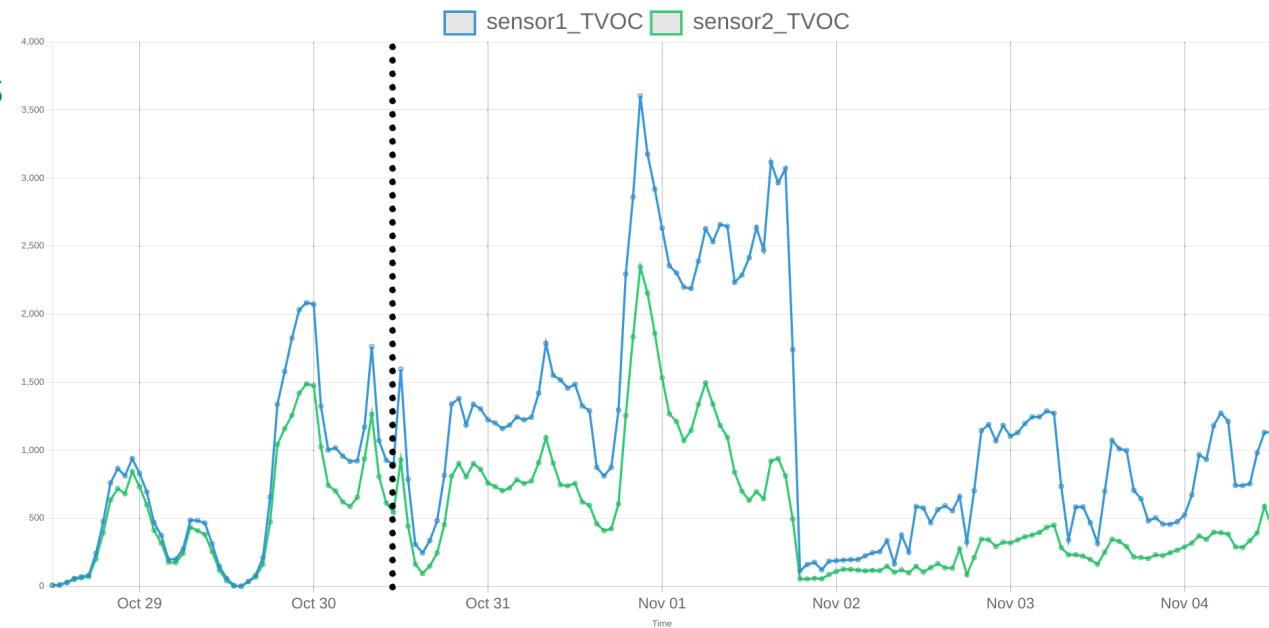
30 October Charts - [Link](#)

31 October Charts - [Link](#)

1 November Charts - [Link](#)

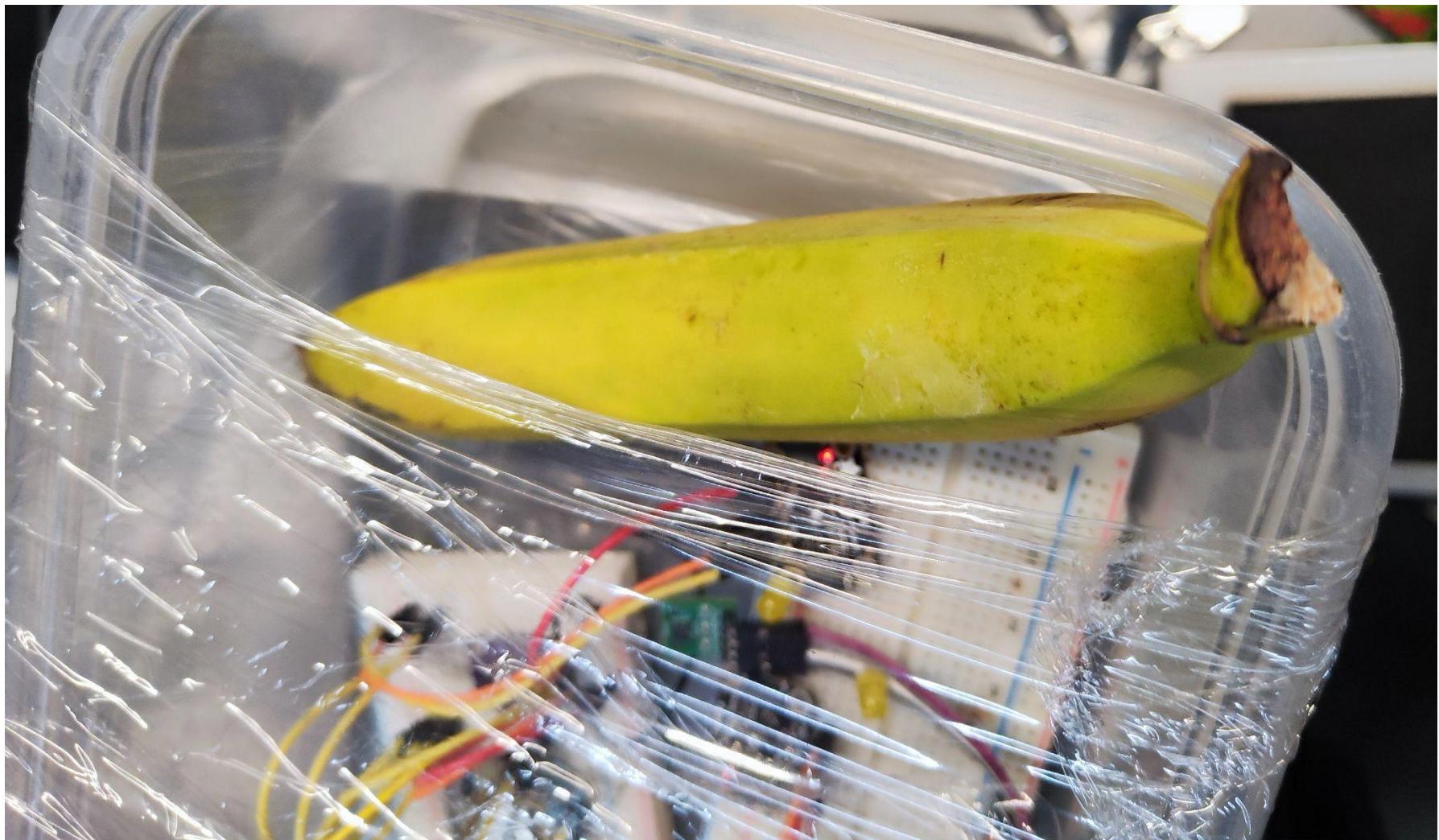
2 November Charts - [Link](#)

Hourly Charts (28oct-4nov) - [Link](#)



## Fruit pictures

28 October fruit picture



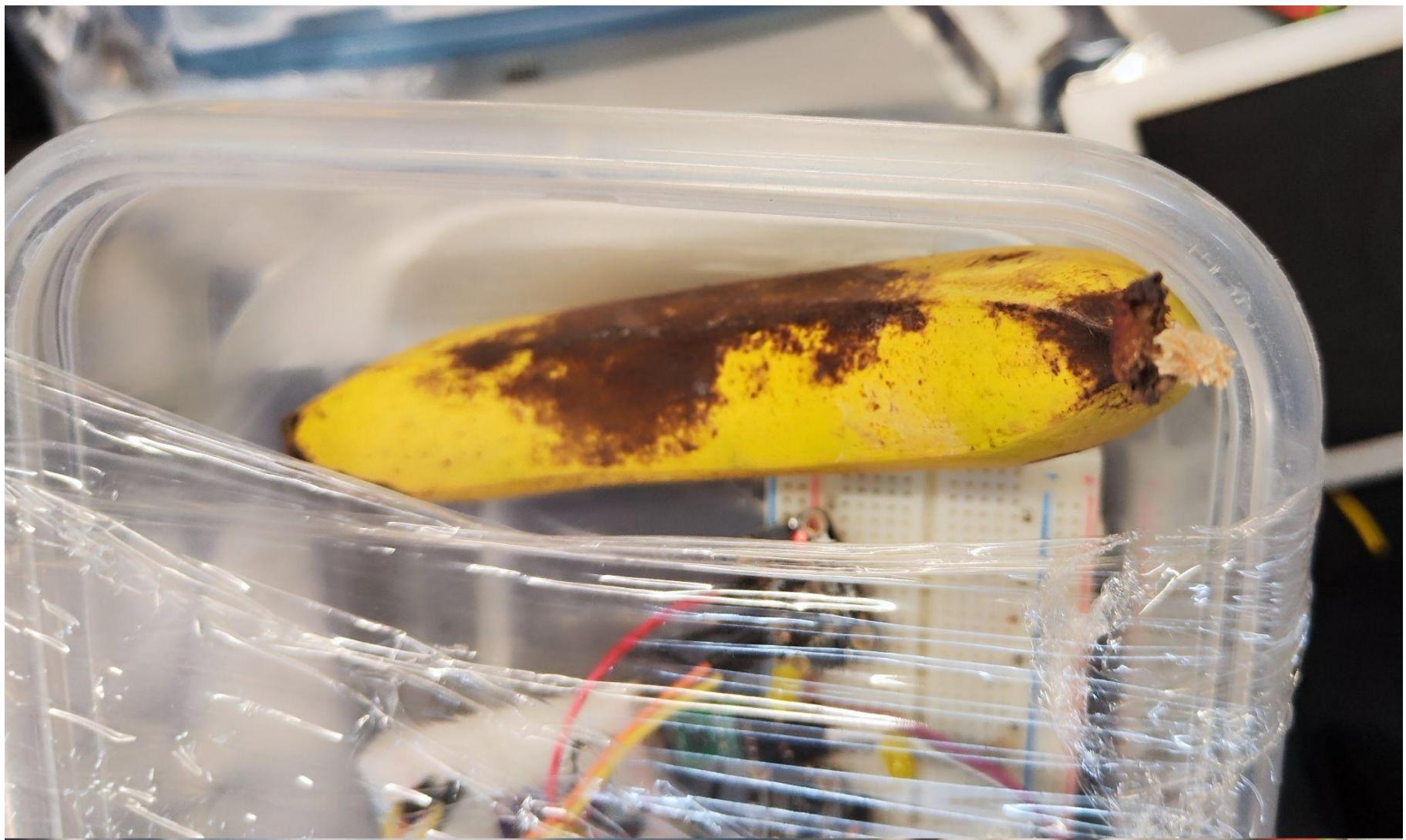
29 October fruit picture



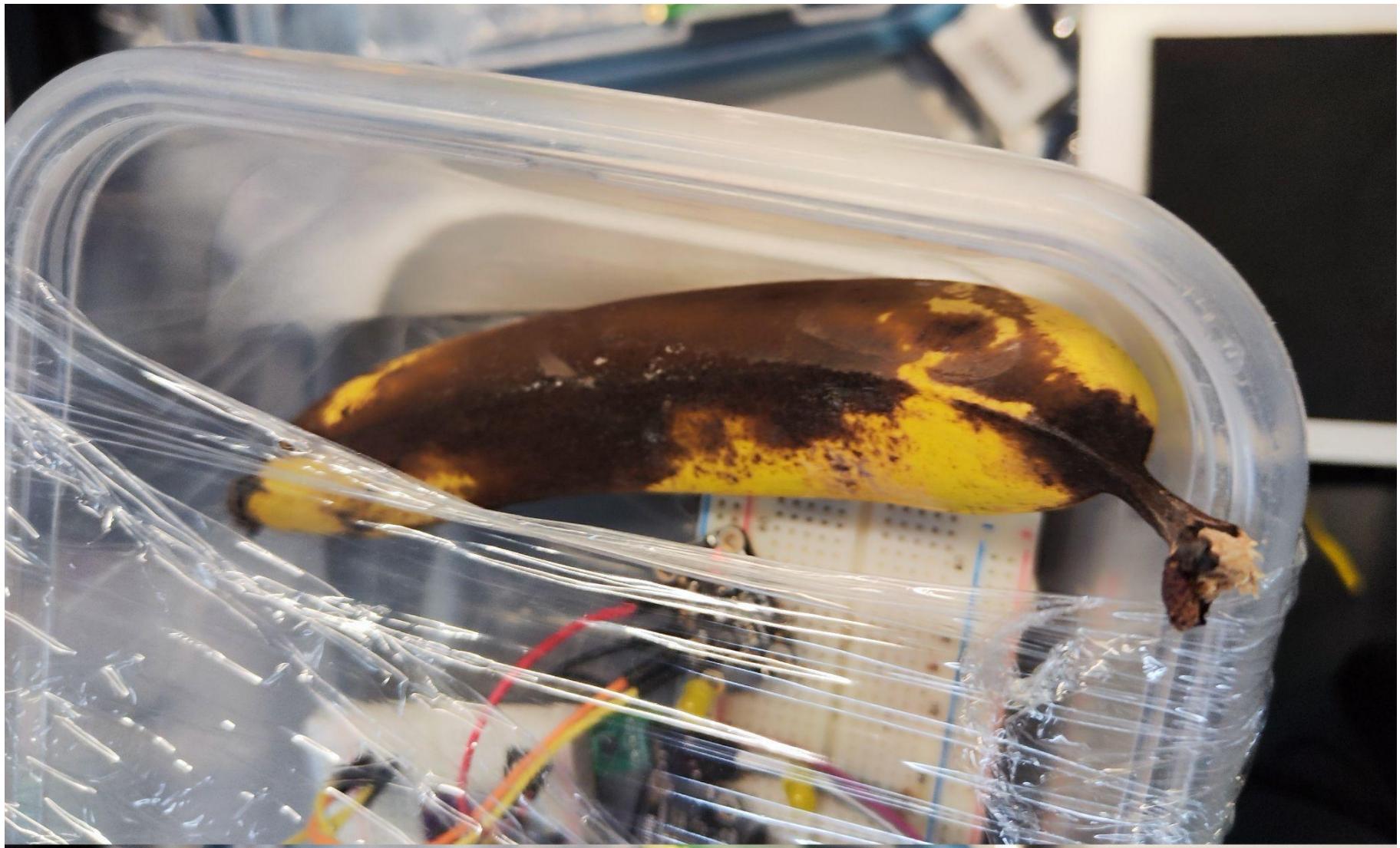
31 October fruit picture



1 November fruit picture



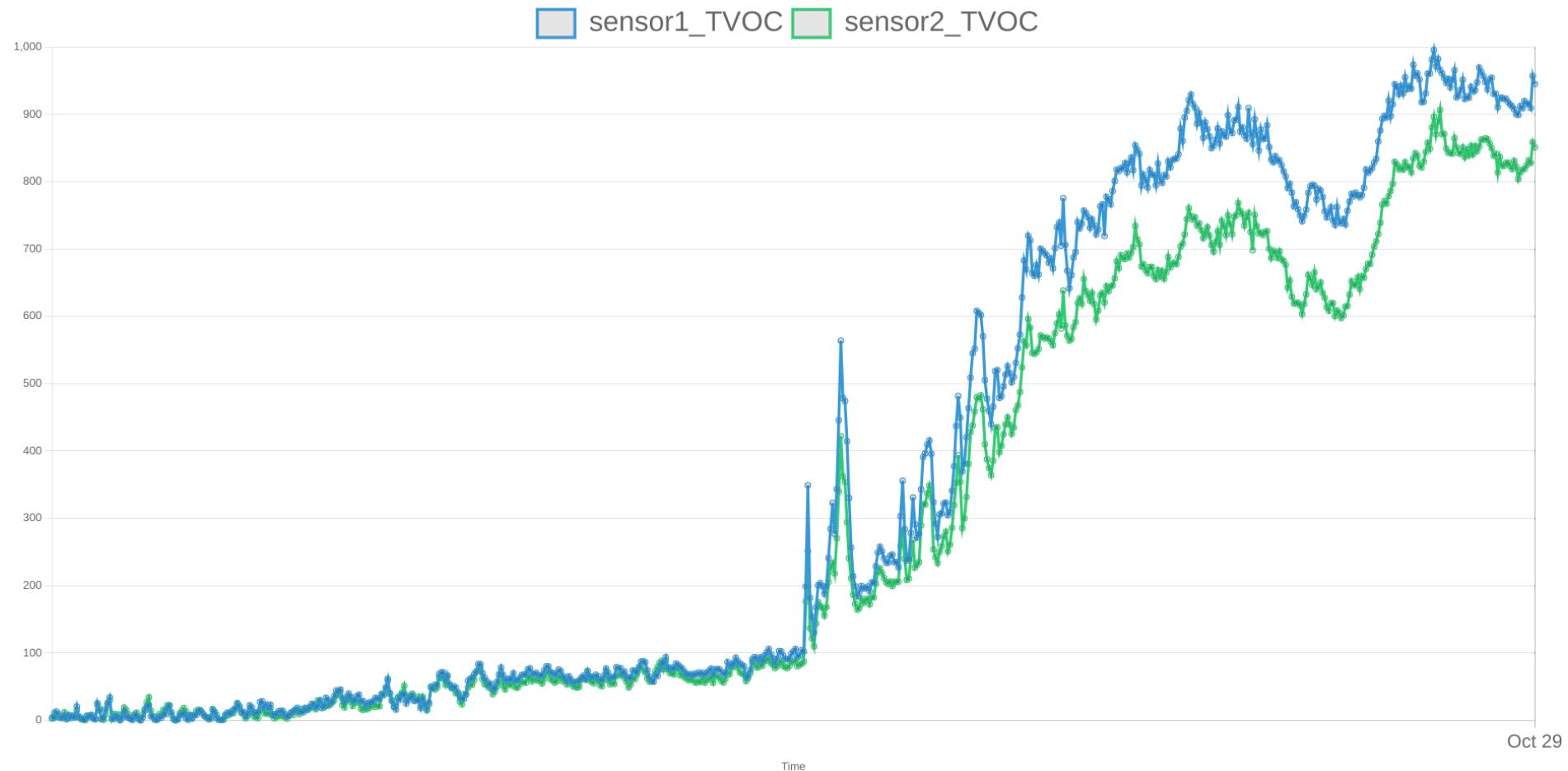
2 November fruit picture





## 28 October Charts

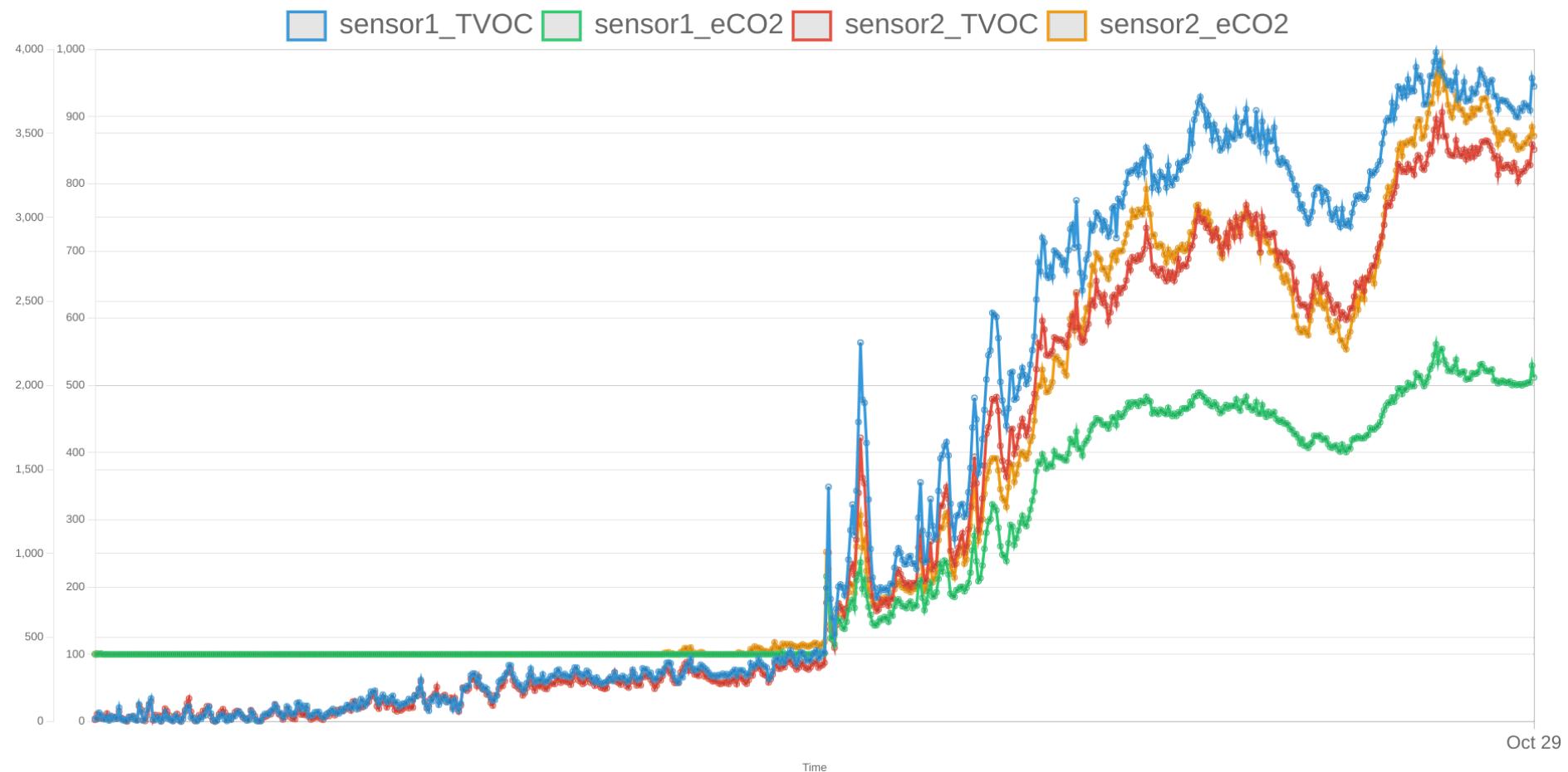
Avg of voc sensor1 and sensor2





## 28 October Charts / CO2

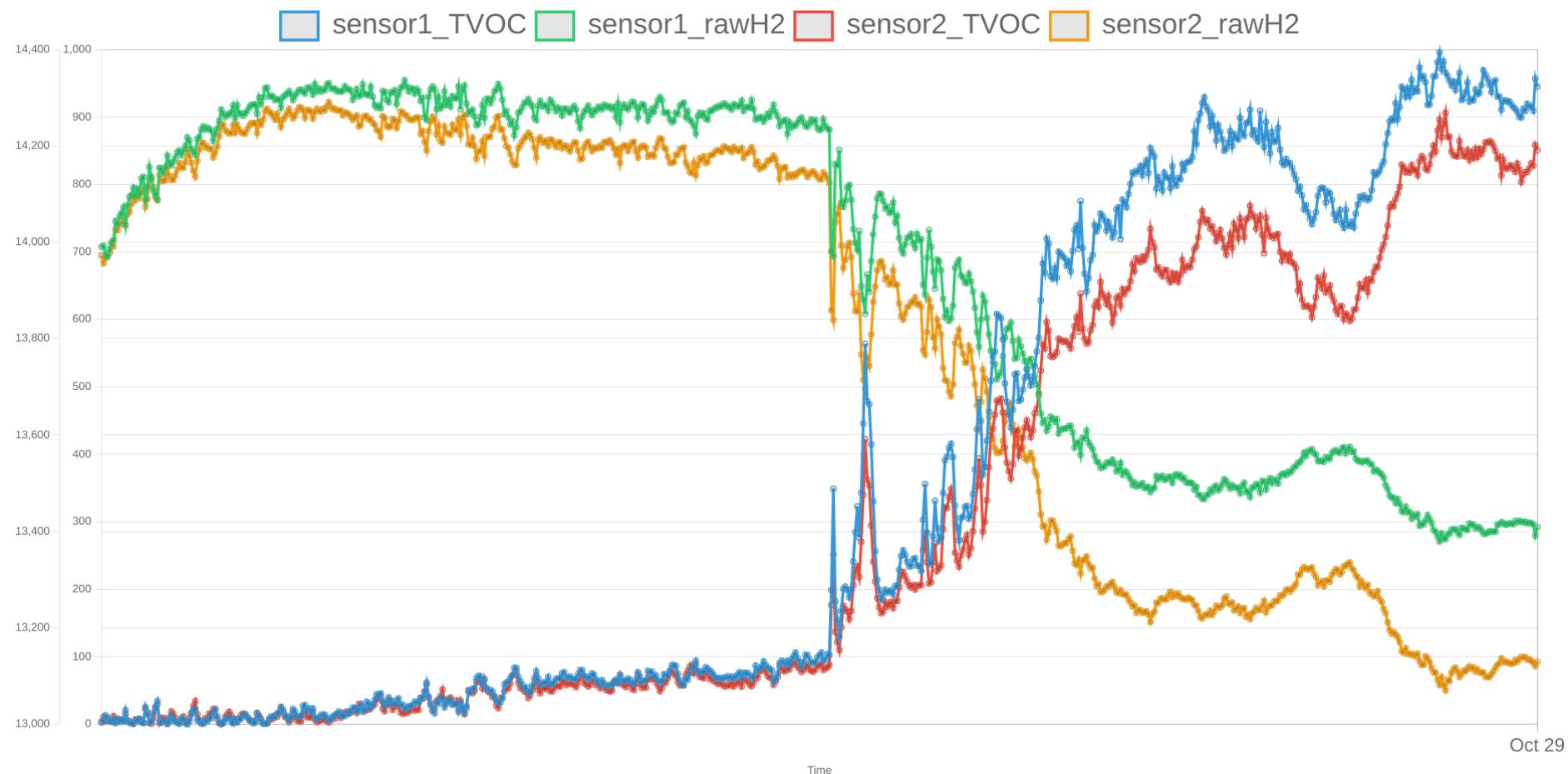
Avg of voc &amp; Avg of co2 sensor1 and sensor2





## 28 October Charts / RawH2

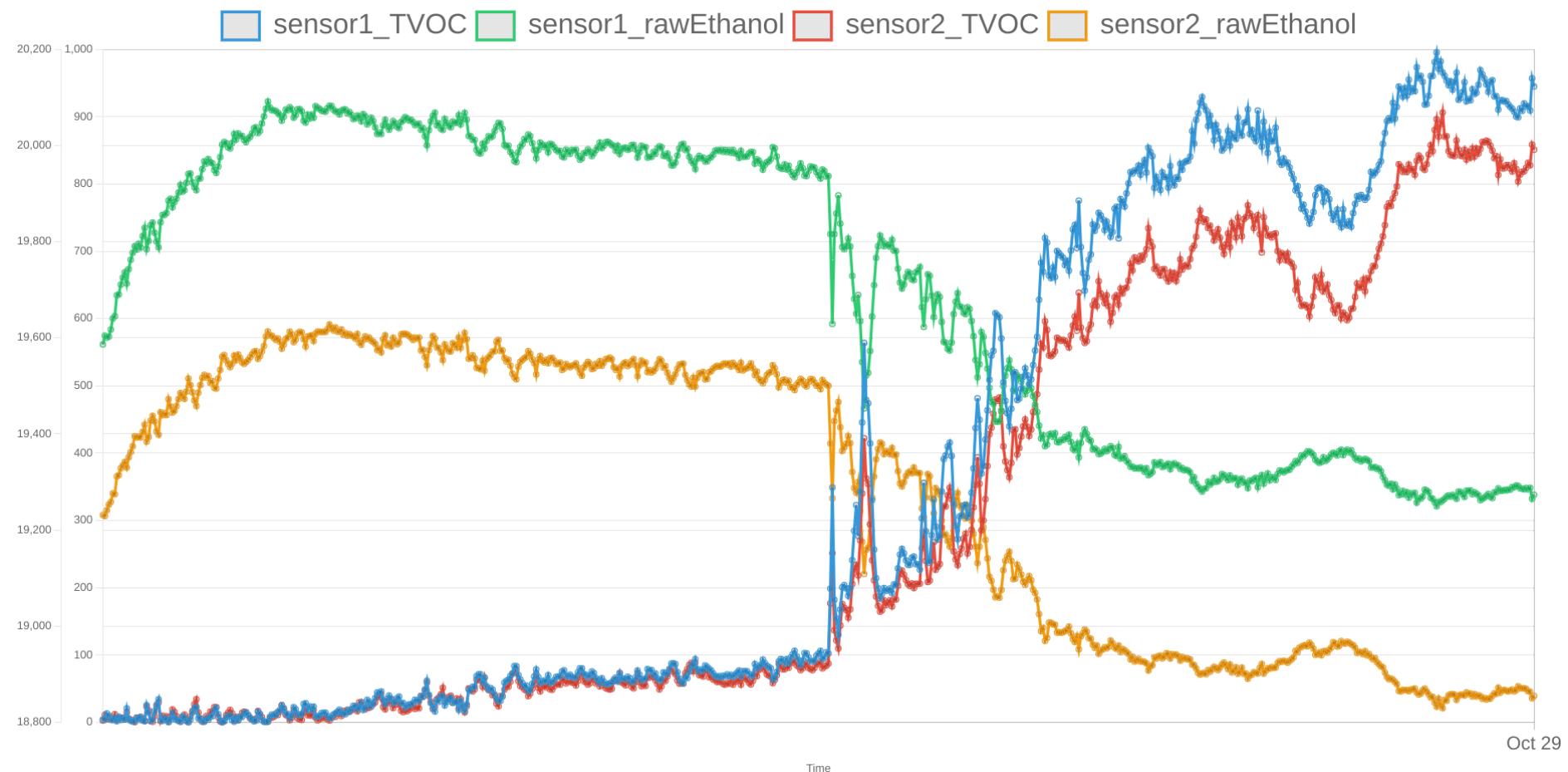
Avg of voc & Avg of rawH2 sensor1 and sensor2





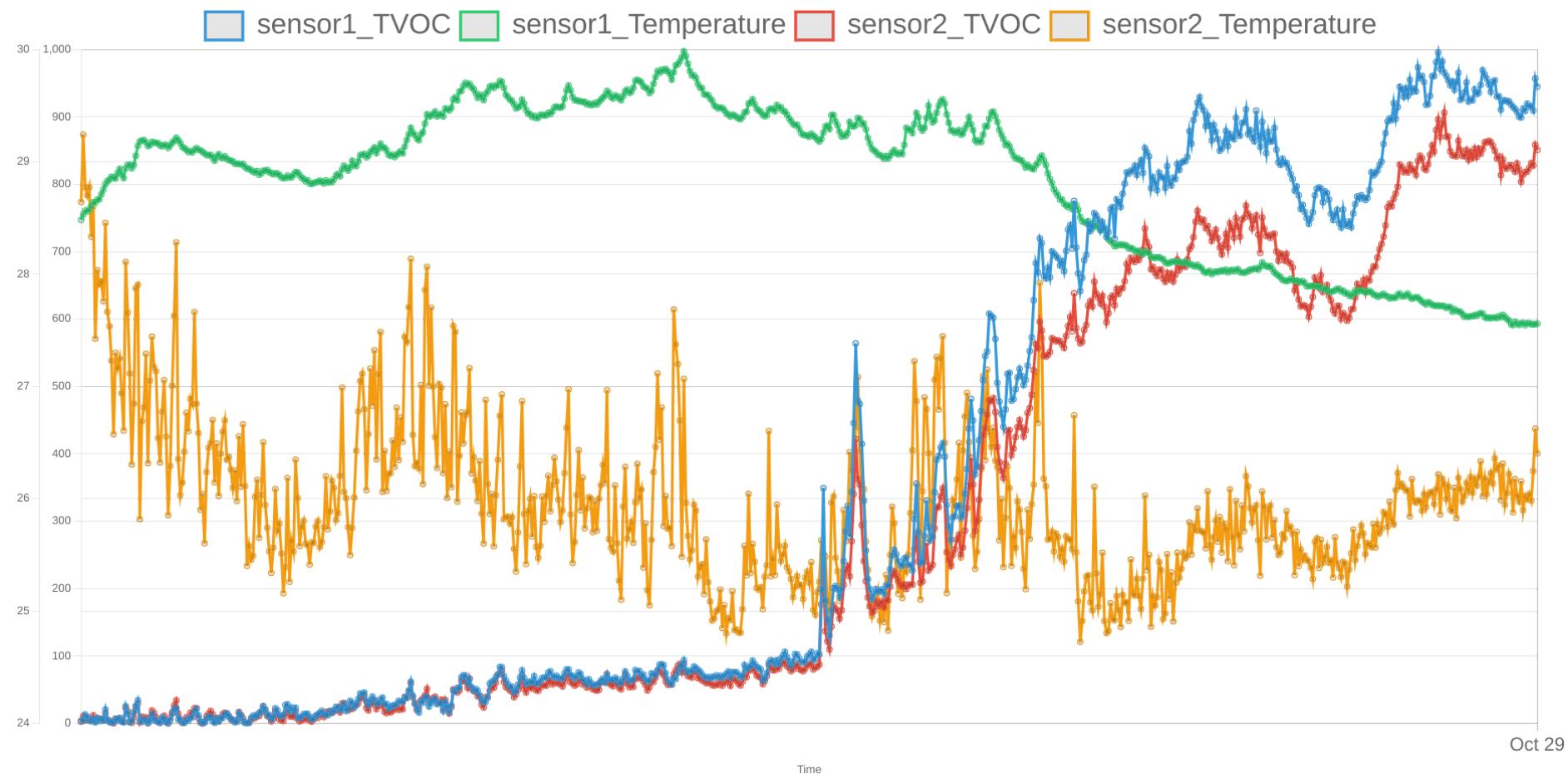
## 28 October Charts / RawEthanol

Avg of voc &amp; Avg of rawEthanol sensor1 and sensor2



## 28 October Charts / Temperature

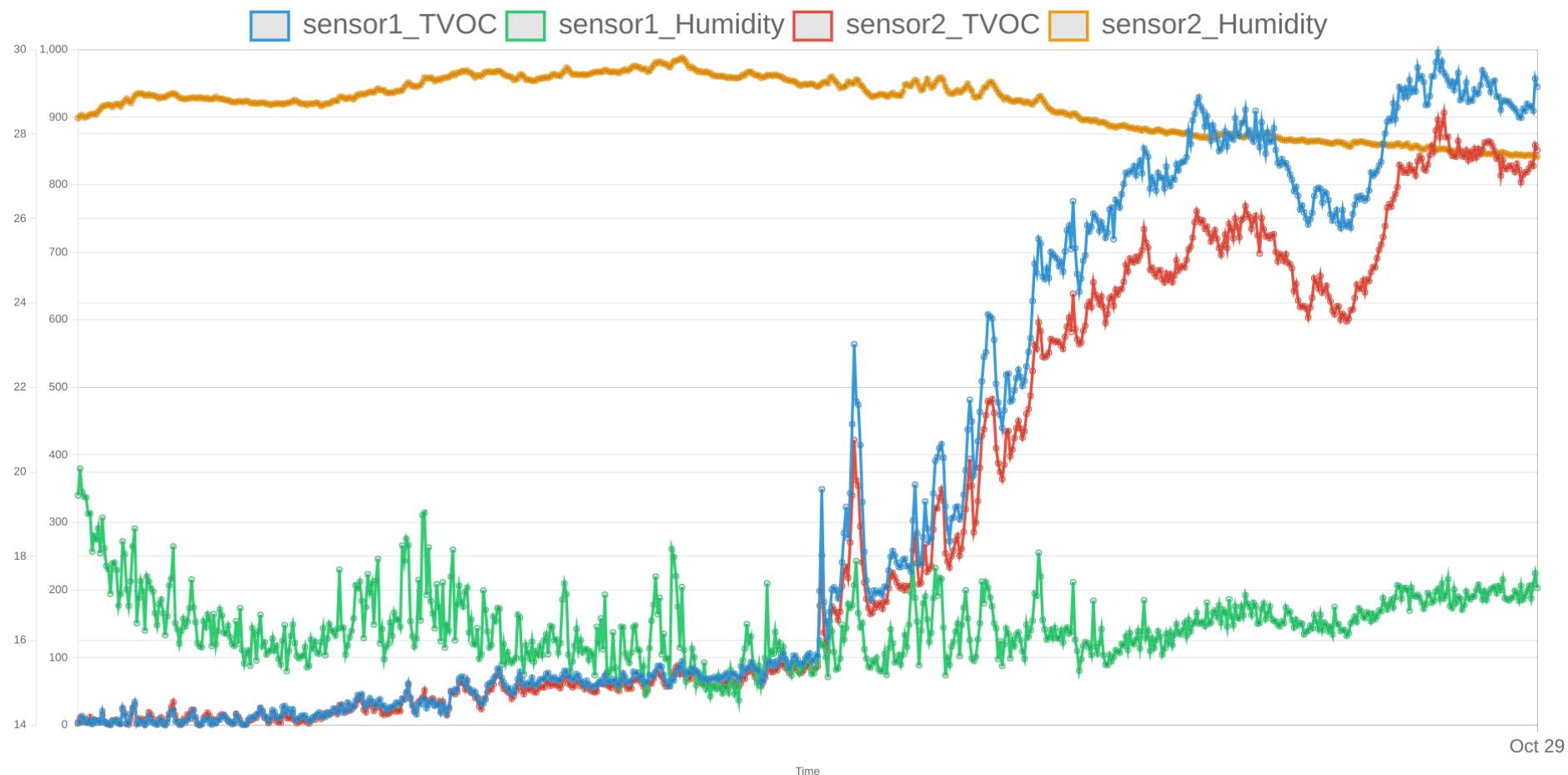
Avg of voc &amp; Avg of Temperature sensor1 and sensor2





## 28 October Charts / Humidity

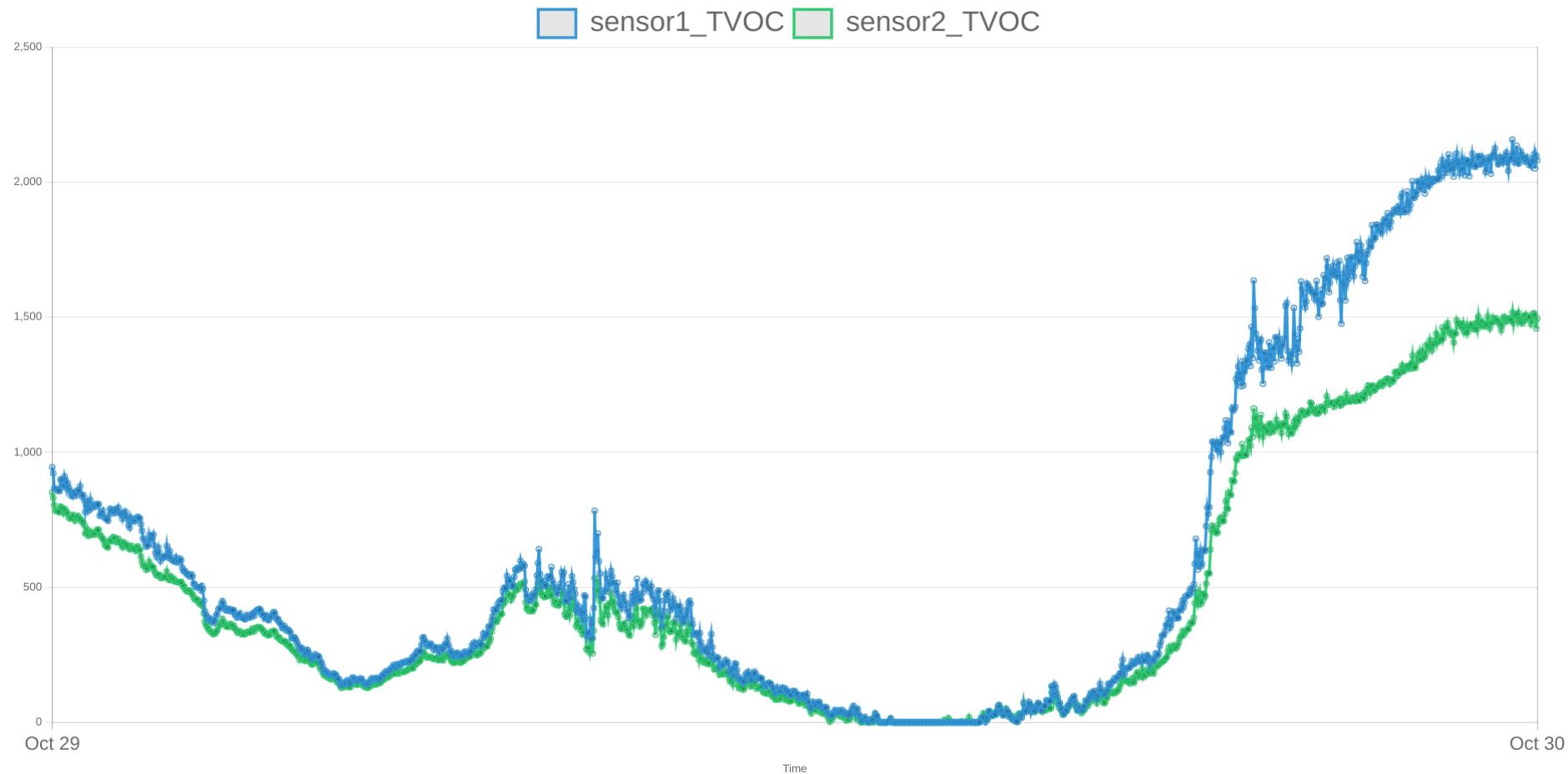
Avg of voc & Avg of Humidity sensor1 and sensor2





## 29 October Charts

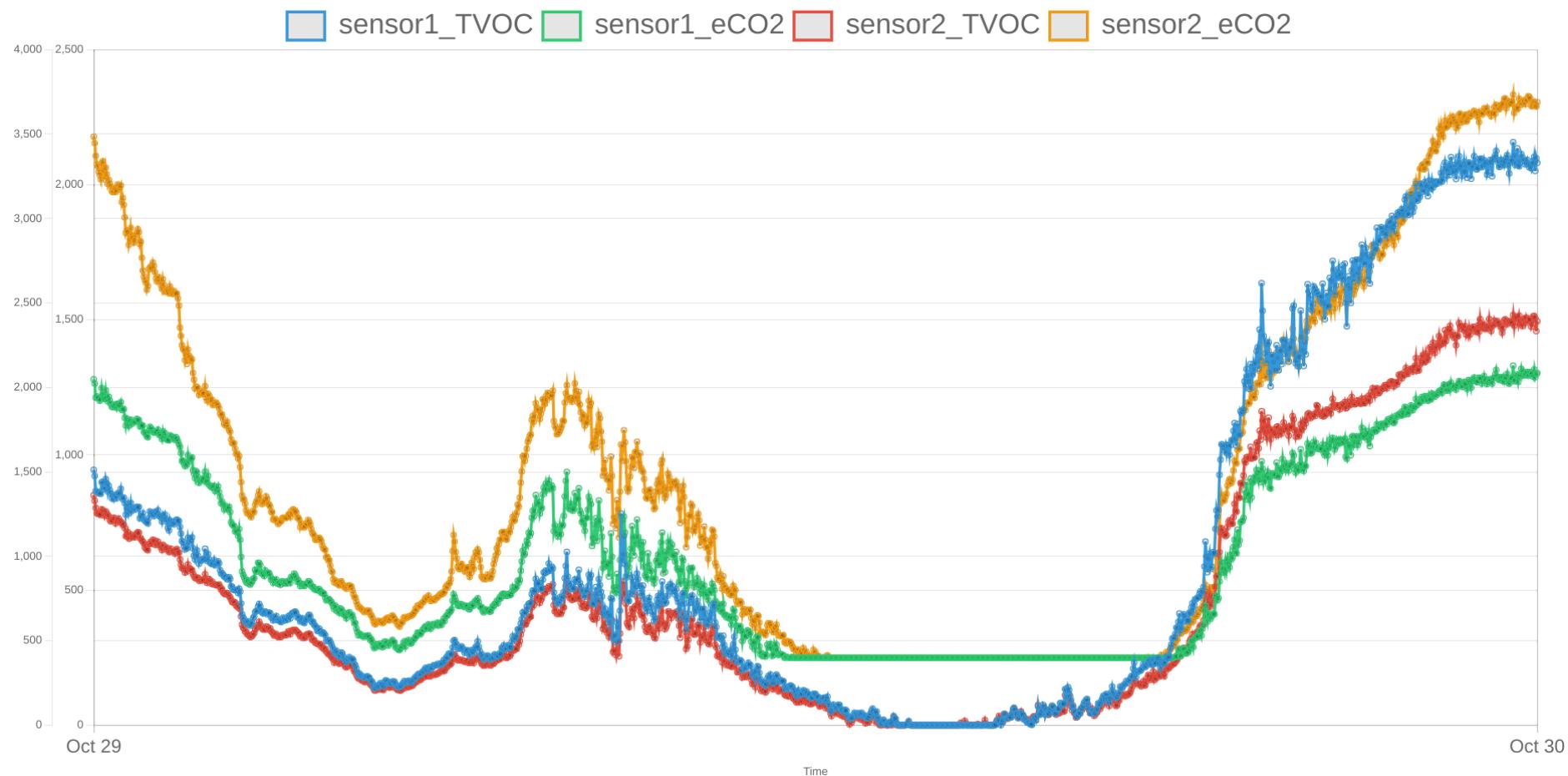
Avg of voc sensor1 and sensor2





## 29 October Charts / CO2

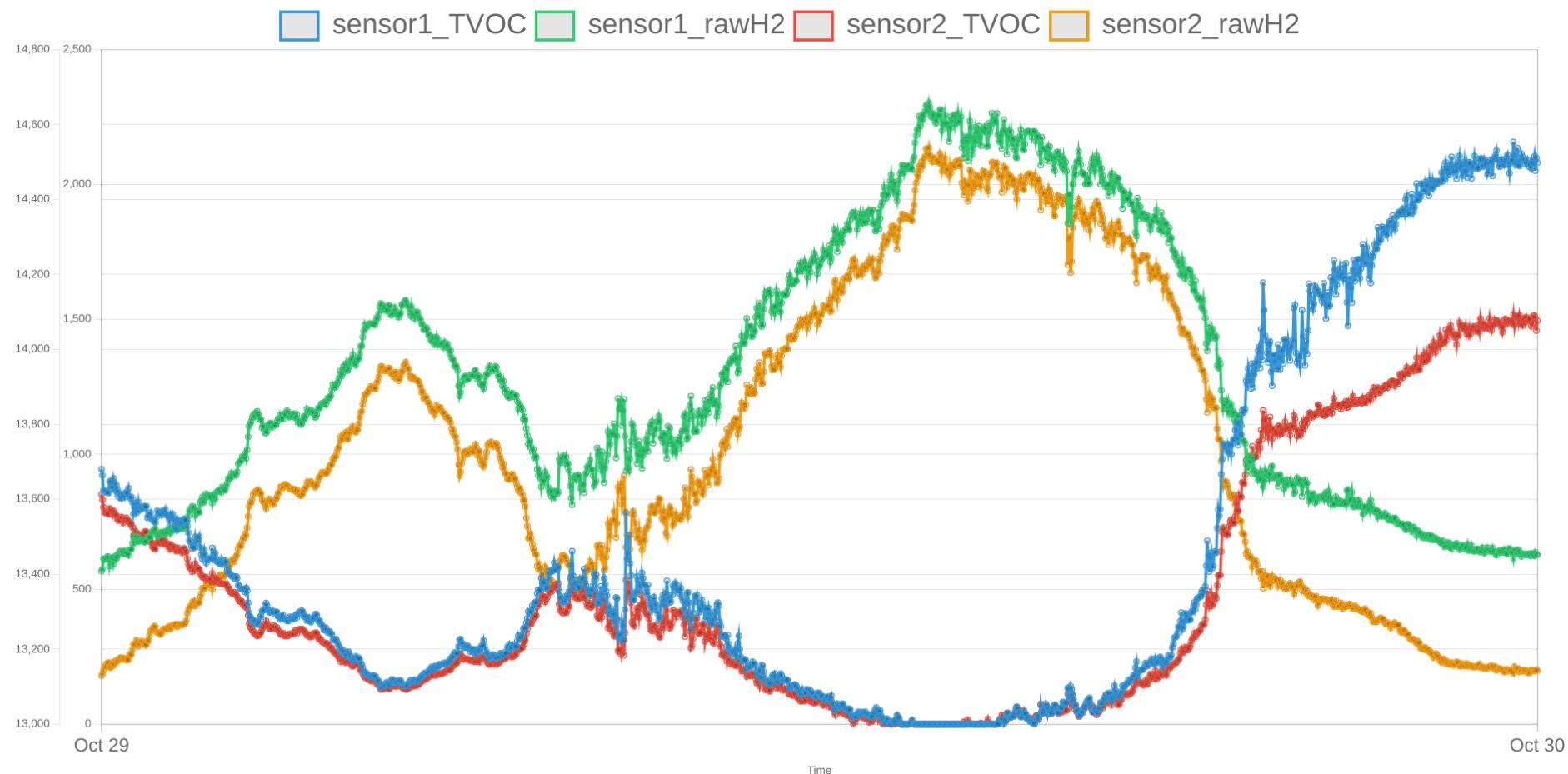
Avg of voc & Avg of co2 sensor1 and sensor2





## 29 October Charts / RawH2

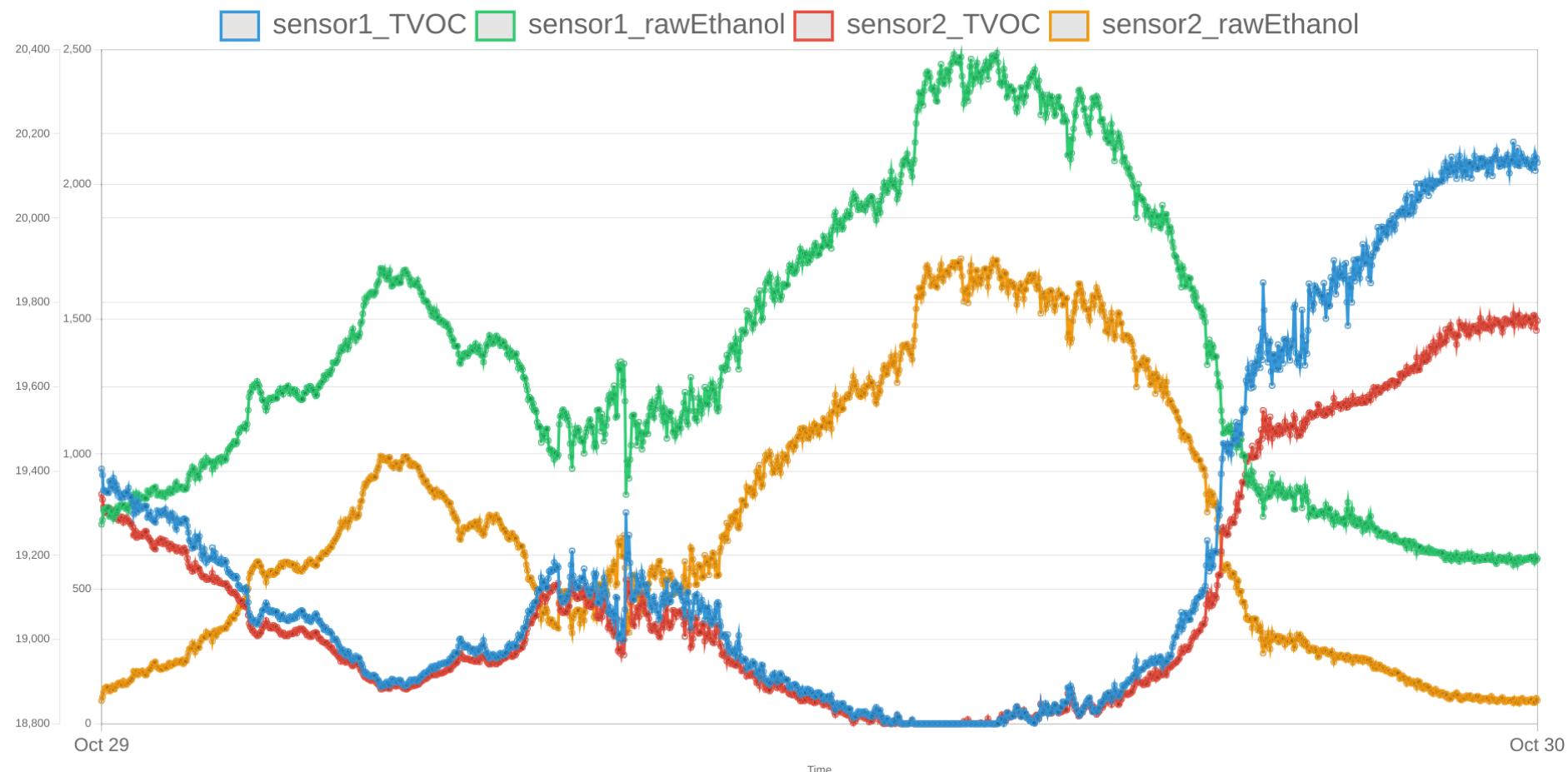
Avg of voc &amp; Avg of rawh2 sensor1 and sensor2





## 29 October Charts / RawEthanol

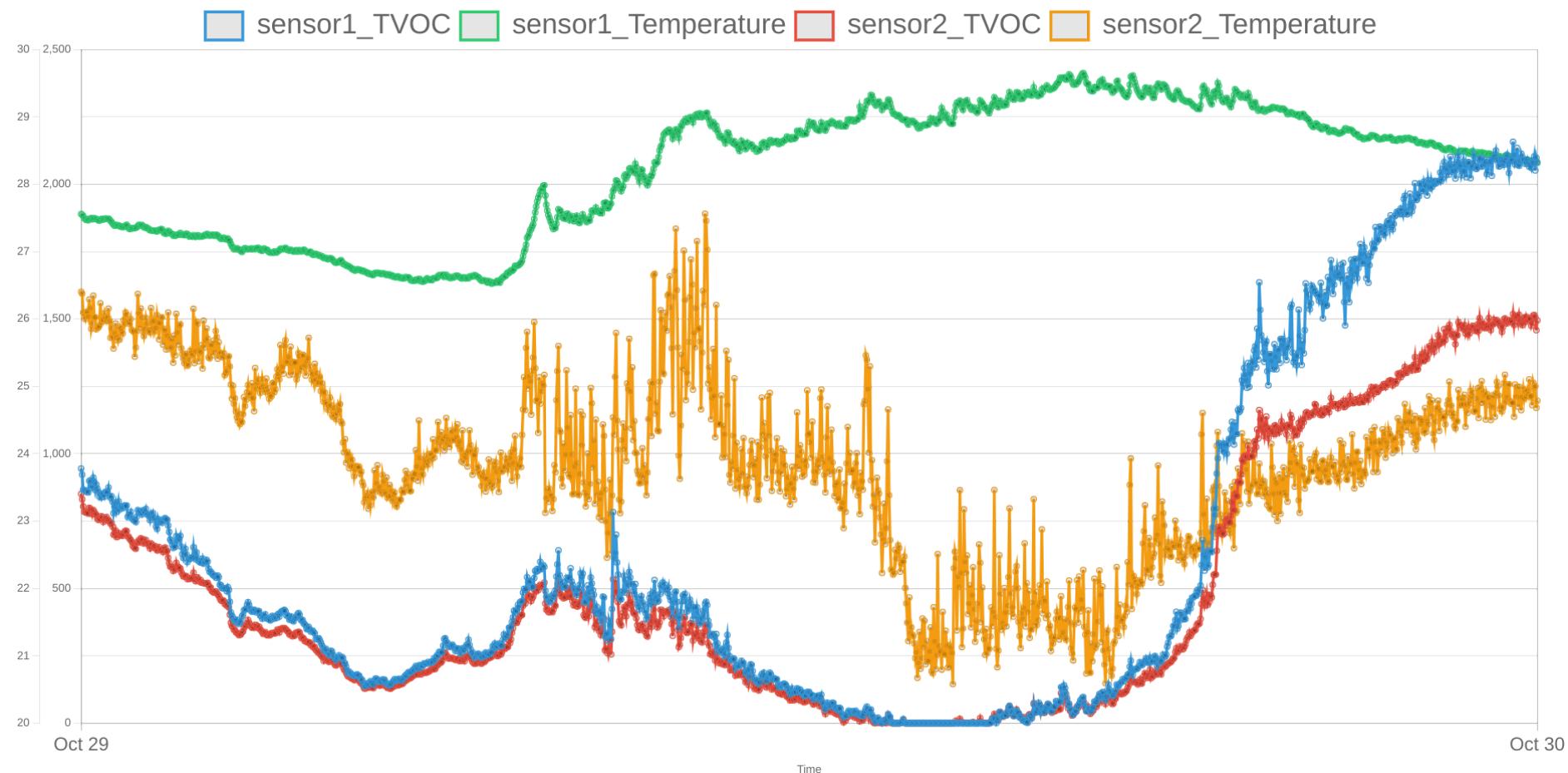
Avg of voc &amp; Avg of rawEthanol sensor1 and sensor2





## 29 October Charts / Temperature

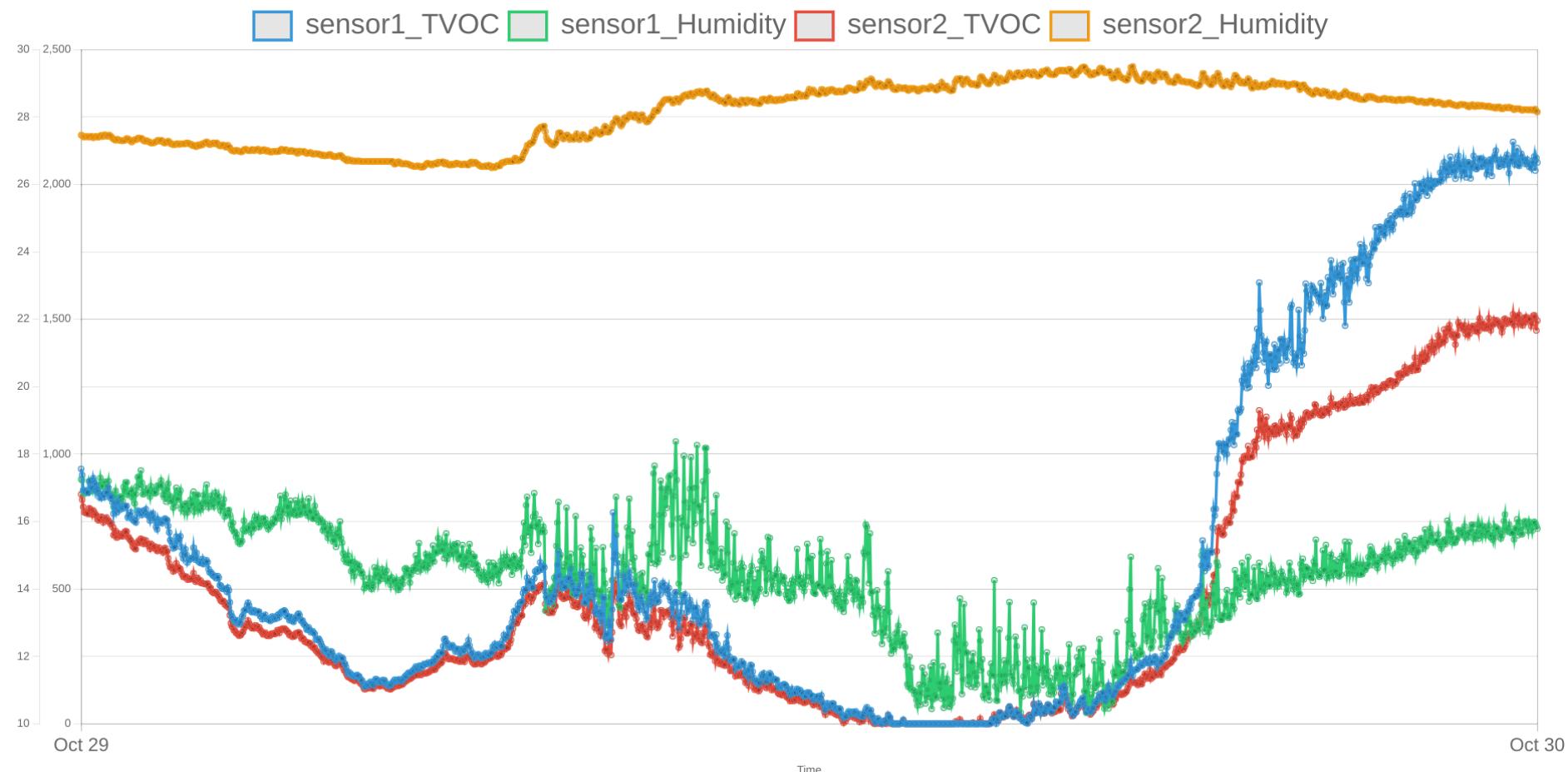
Avg of voc & Avg of Temperature sensor1 and sensor2





## 29 October Charts/ Humidity

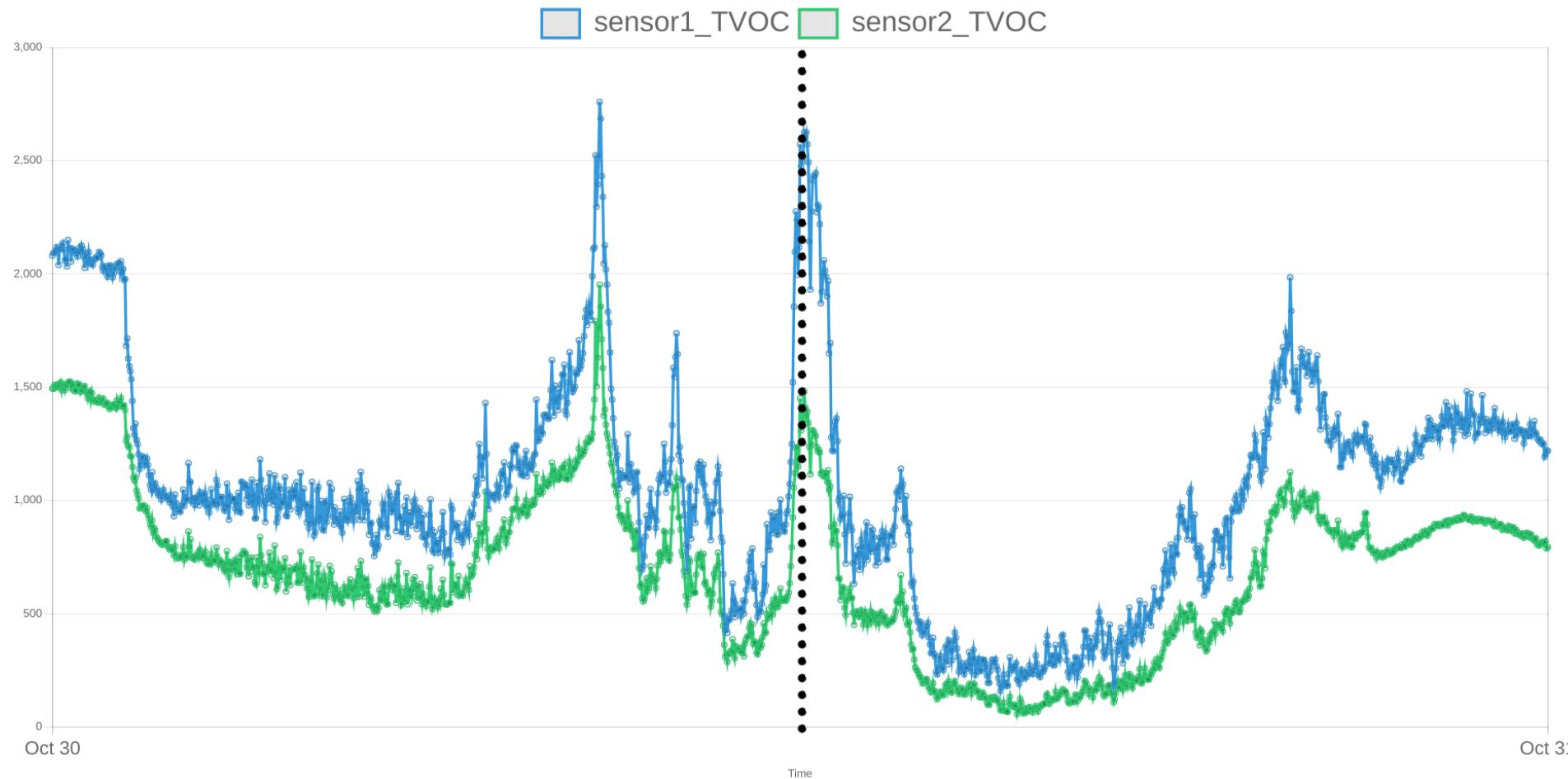
Avg of voc & Avg of Humidity sensor1 and sensor2





## 30 October Charts

Avg of voc sensor1 and sensor2

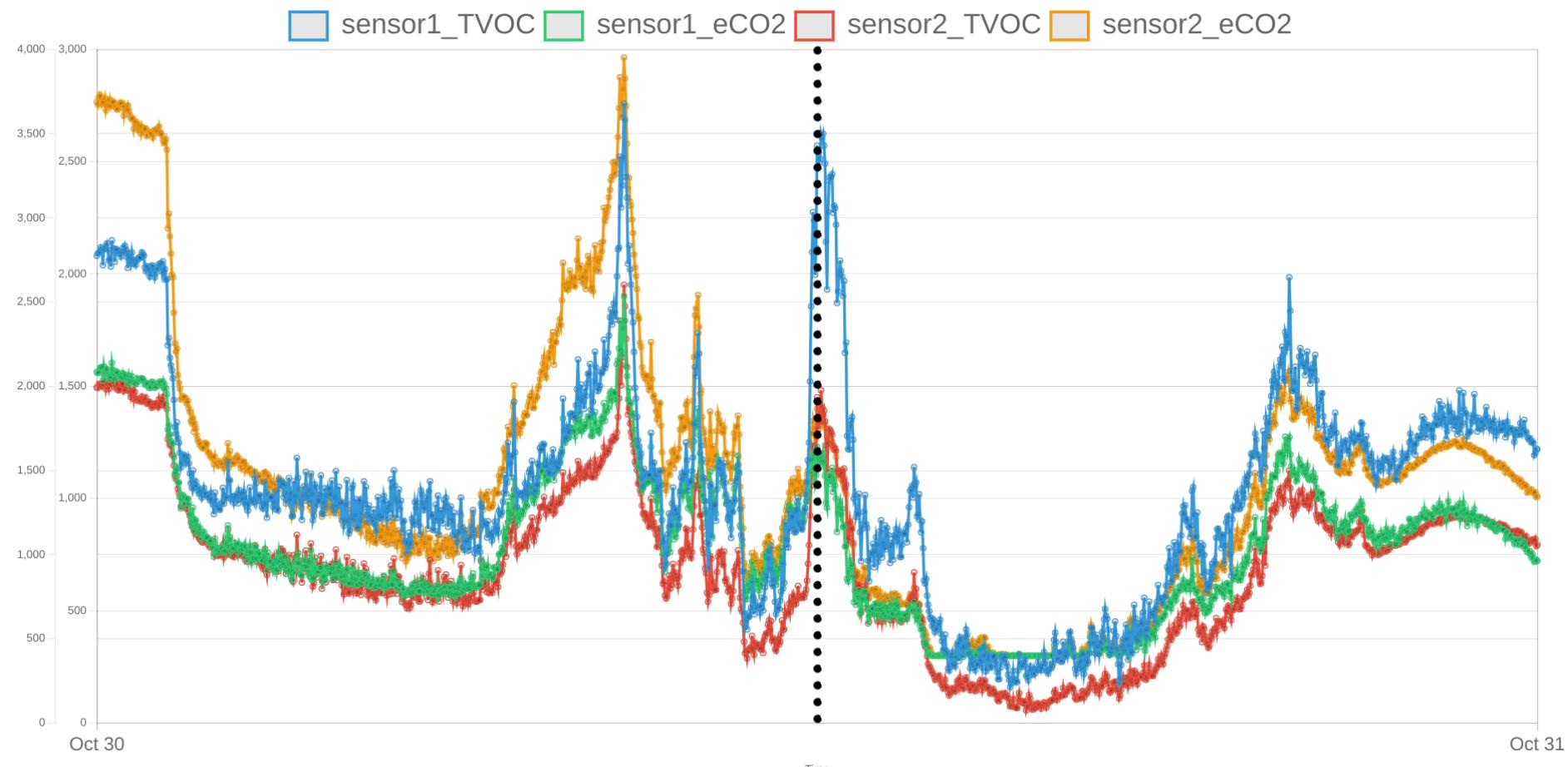


- black dot-line indicates Perfect Ripening Point



## 30 October Charts / CO2

Avg of voc & Avg of co2 sensor1 and sensor2

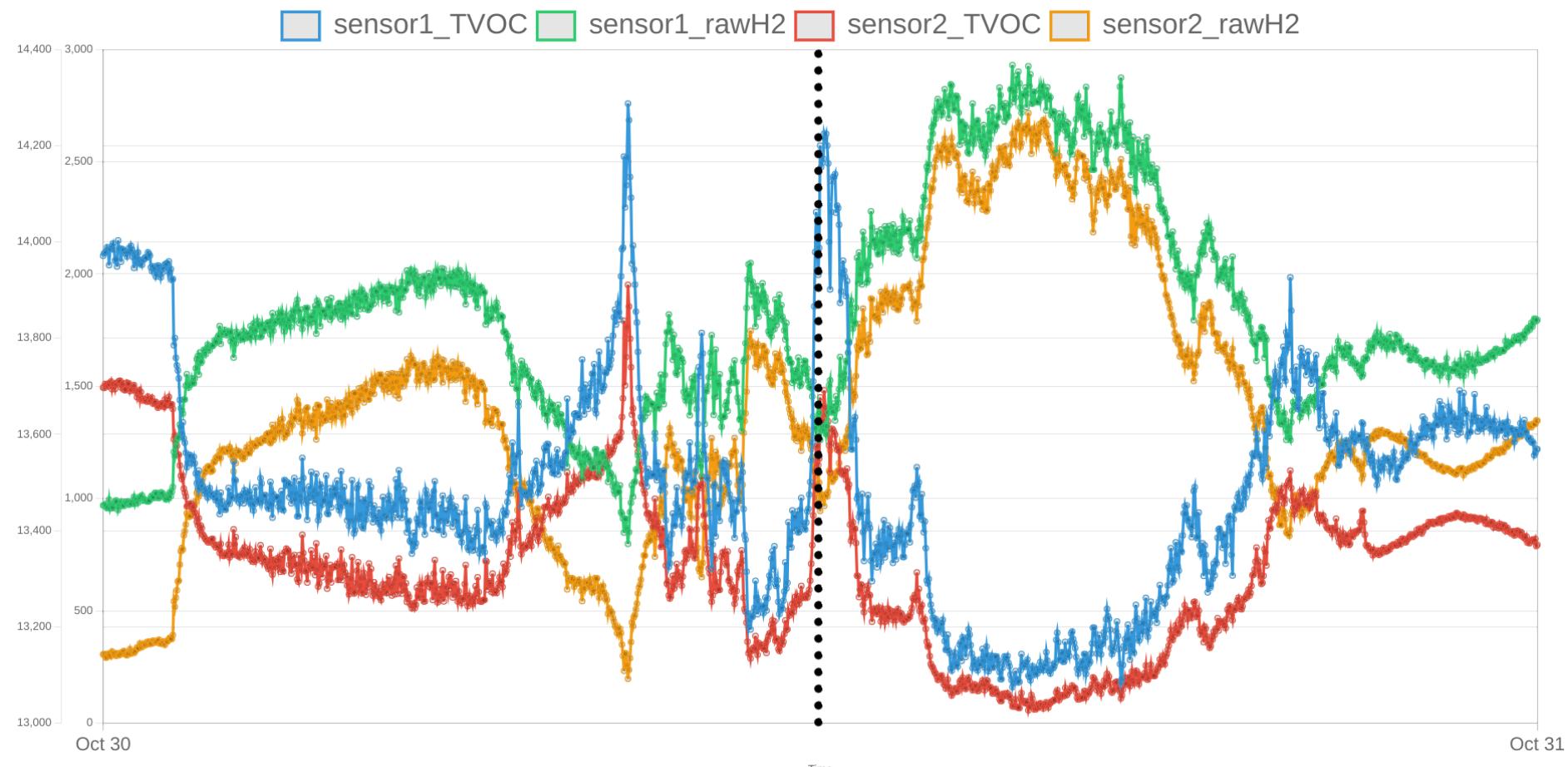


- black dot-line indicates Perfect Ripening Point



## 30 October Charts / RawH2

Avg of voc & Avg of rawh2 sensor1 and sensor2

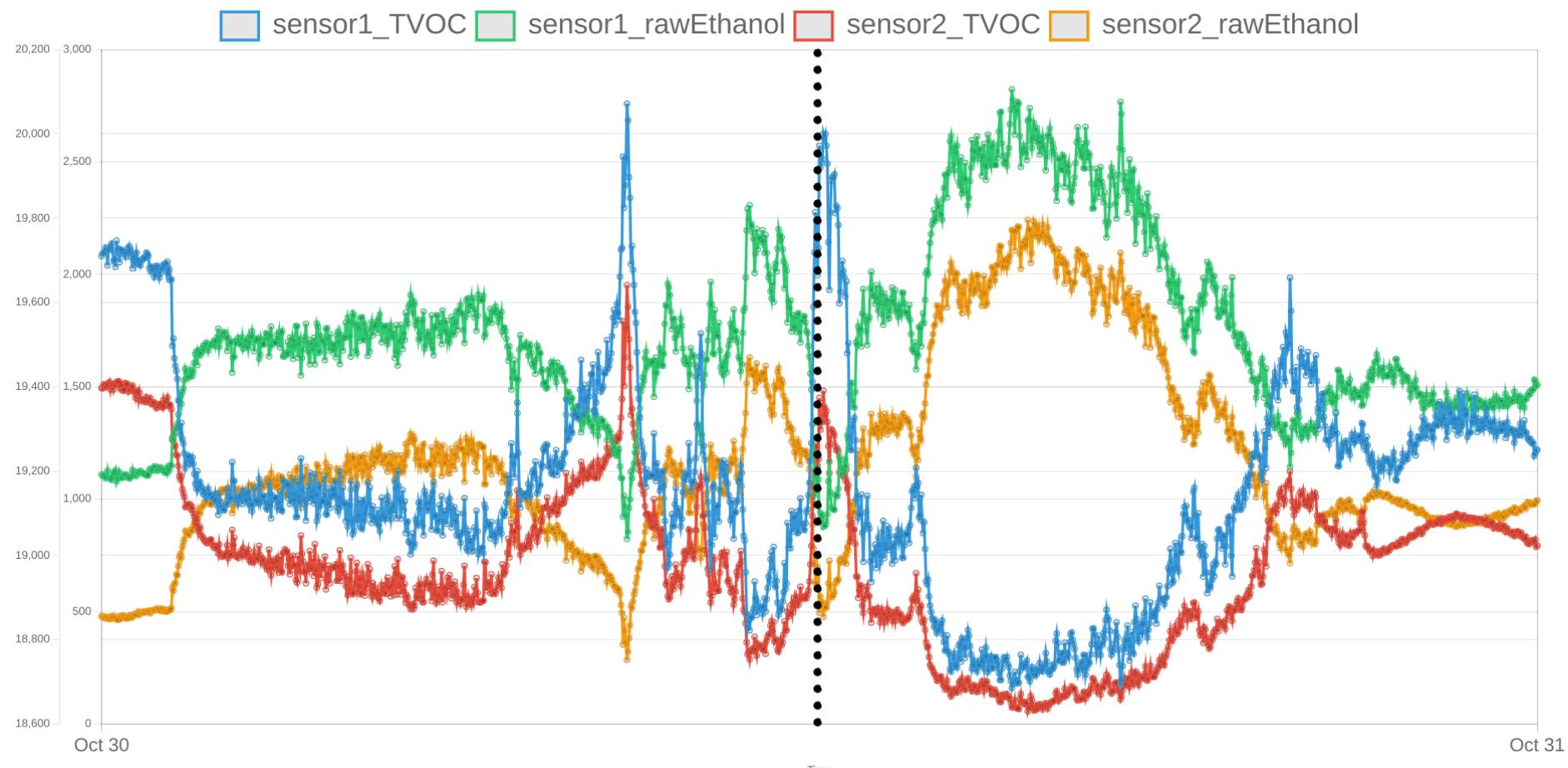


- black dot-line indicates Perfect Ripening Point



## 30 October Charts / RawEthanol

Avg of voc & Avg of rawEthanol sensor1 and sensor2

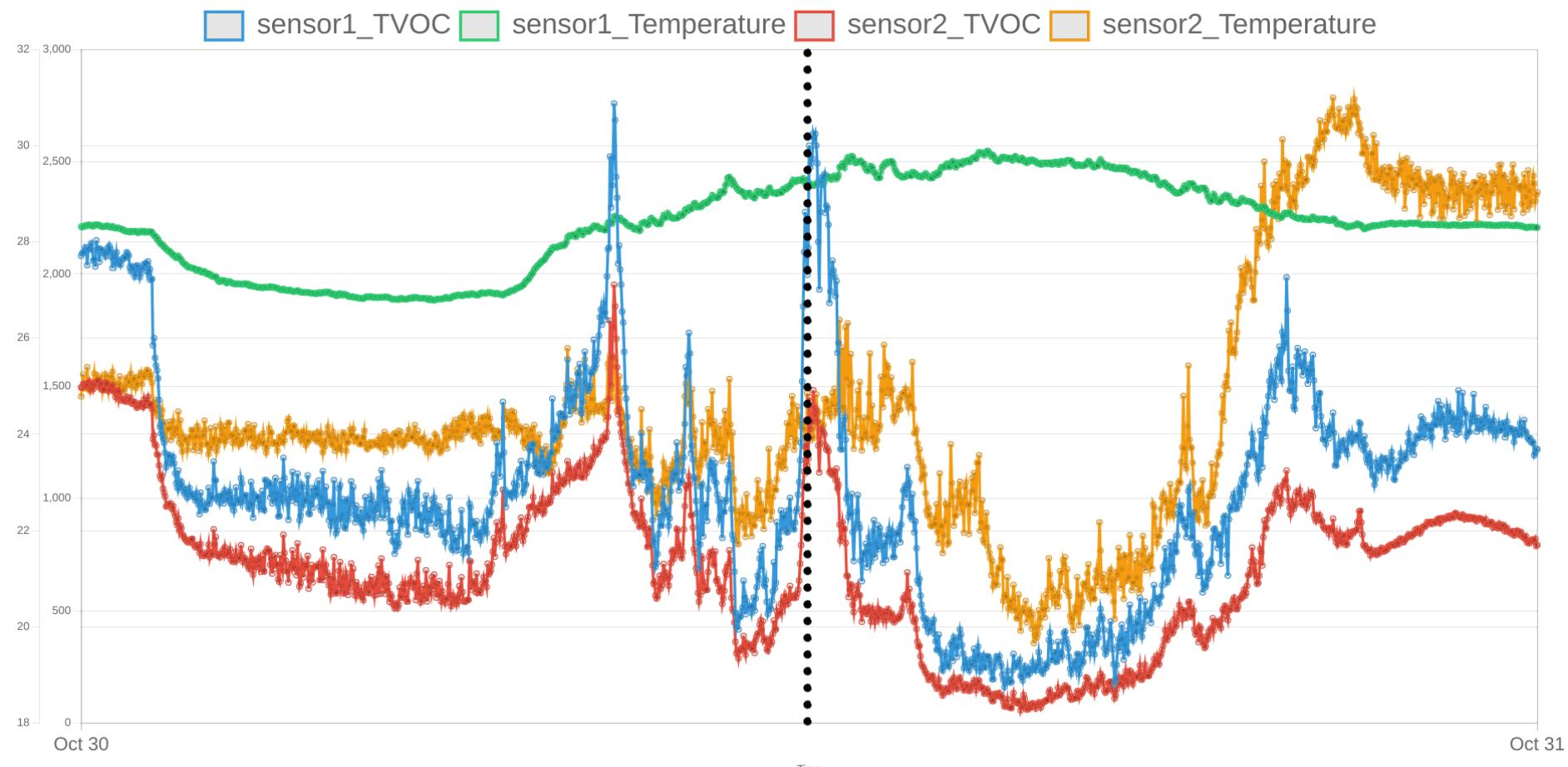


- black dot-line indicates Perfect Ripening Point



## 30 October Charts / Temperature

Avg of voc & Avg of Temperature sensor1 and sensor2

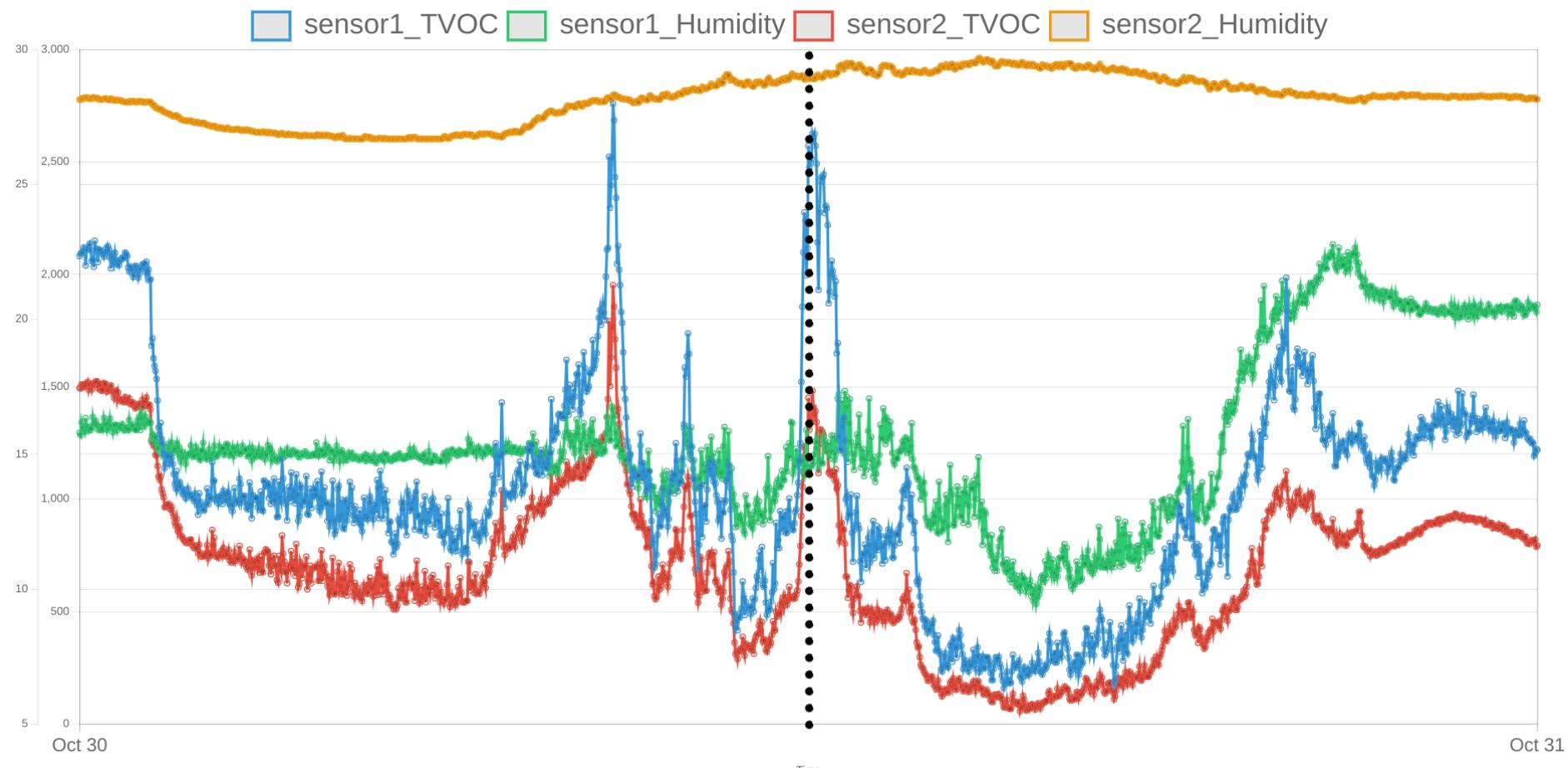


- black dot-line indicates Perfect Ripening Point



## 30 October Charts/ Humidity

Avg of voc & Avg of Humidity sensor1 and sensor2

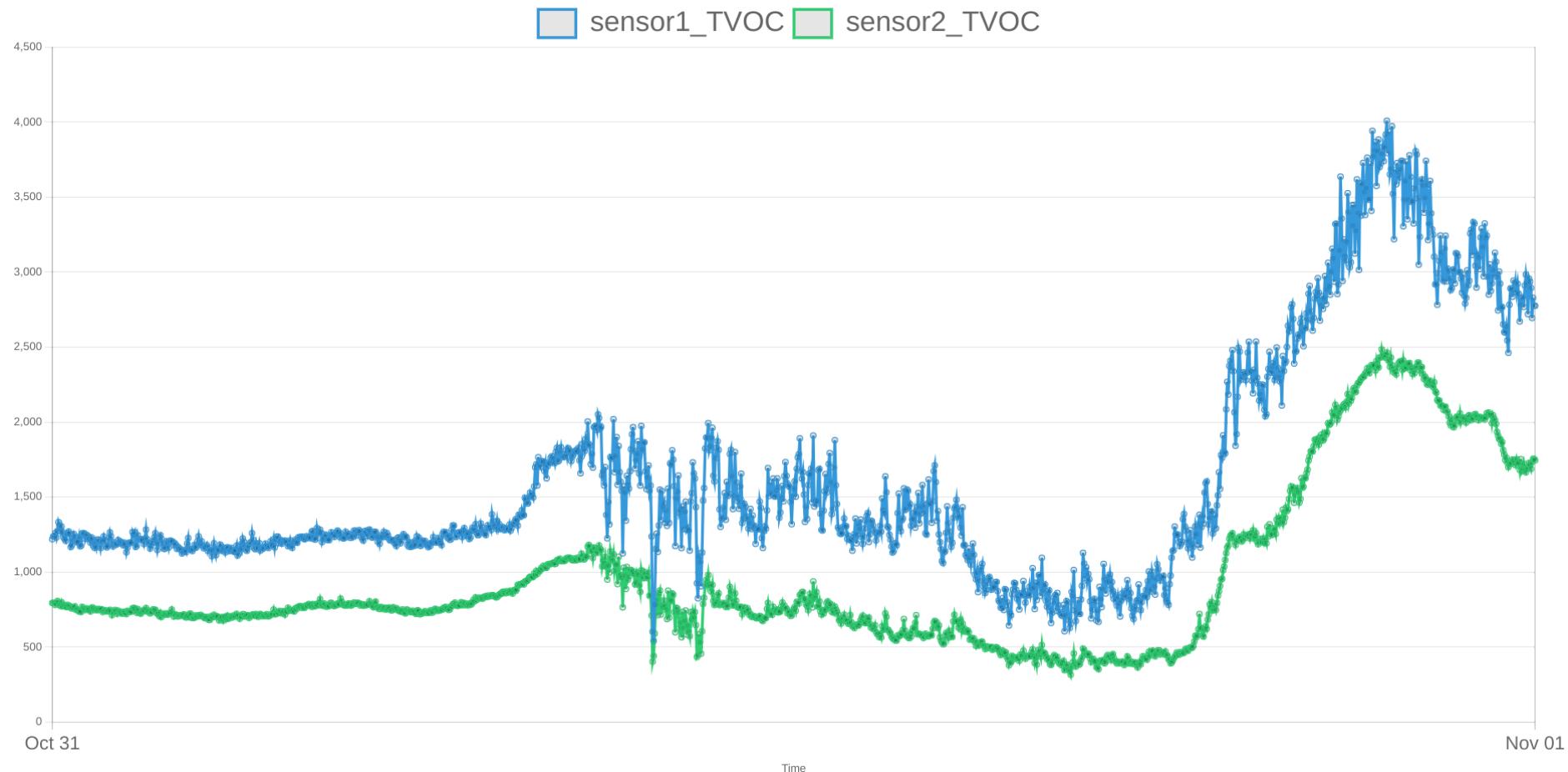


- black dot-line indicates Perfect Ripening Point



## 31 October Charts

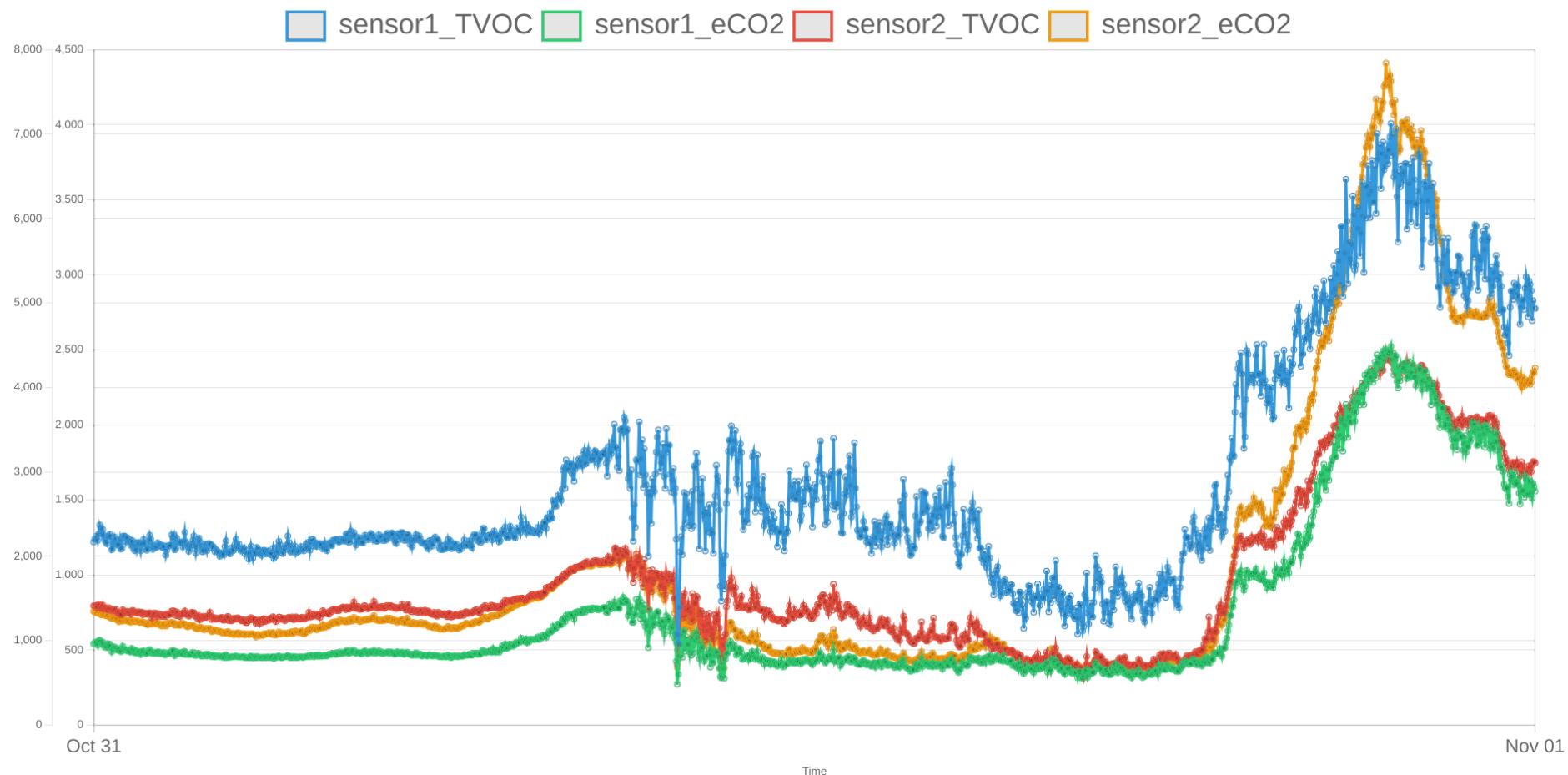
Avg of voc sensor1 and sensor2





### 31 October Charts / CO2

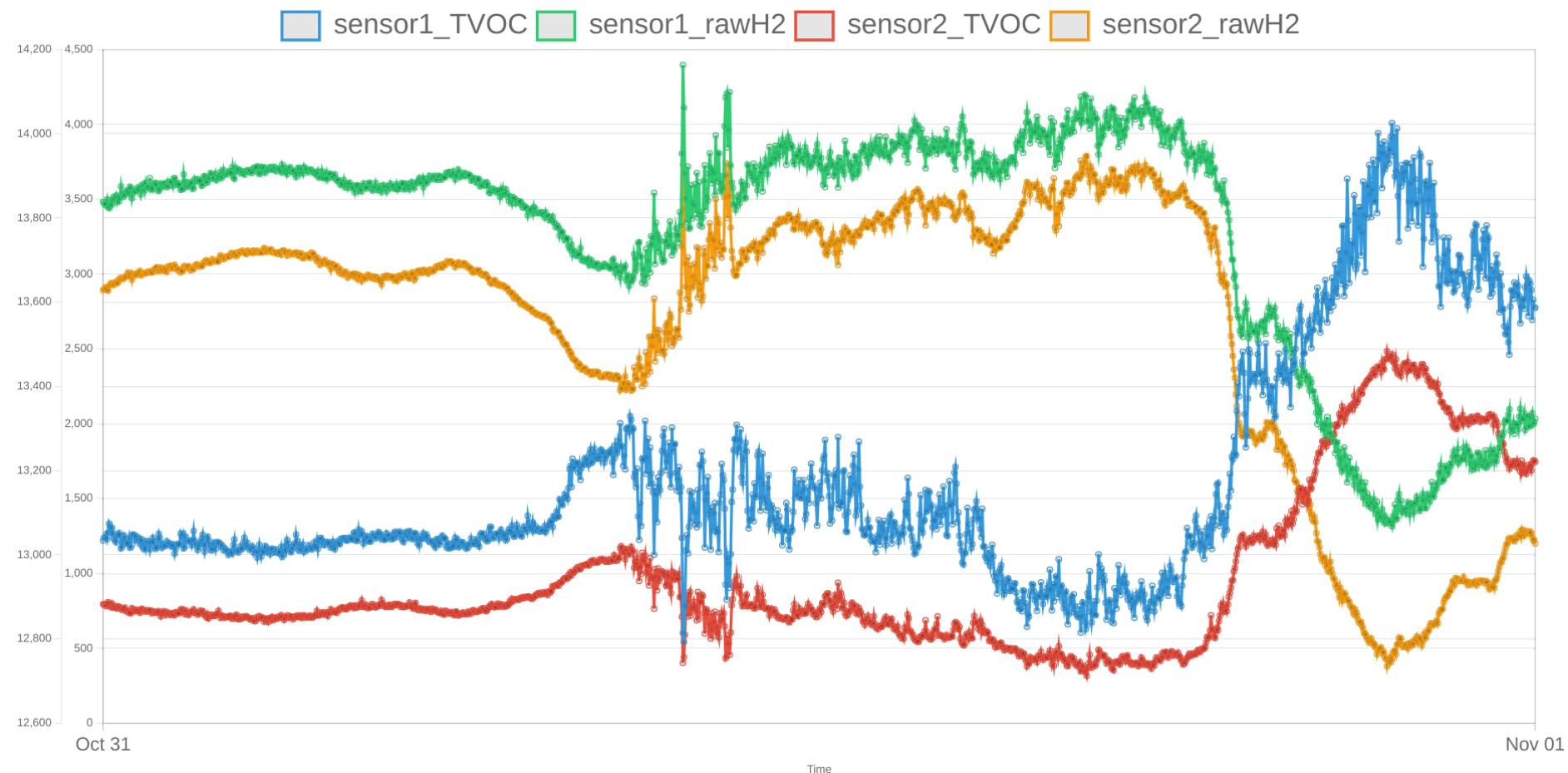
Avg of voc & Avg of co2 sensor1 and sensor2





## 31 October Charts / RawH2

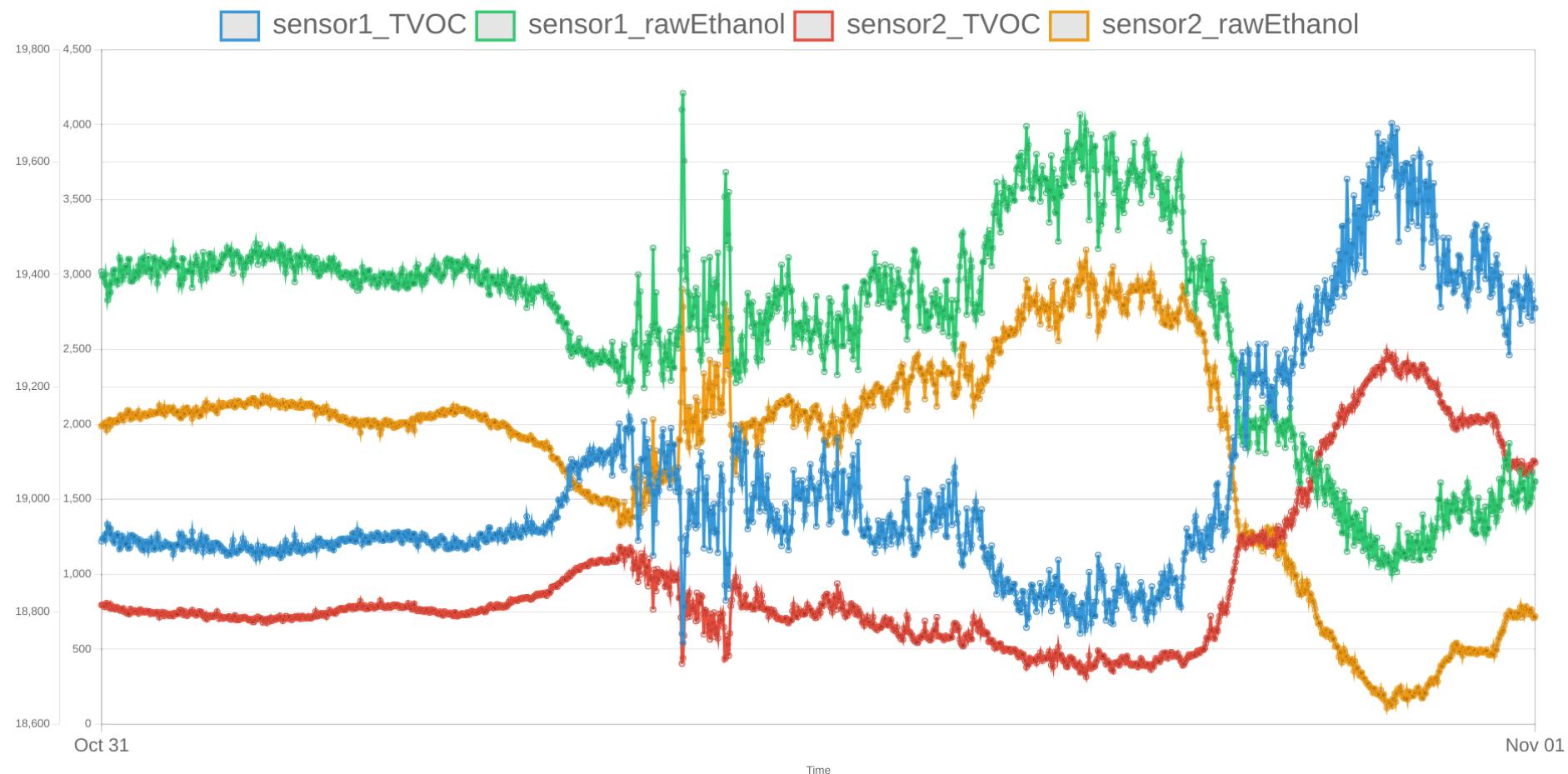
Avg of voc & Avg of rawh2 sensor1 and sensor2





## 31 October Charts / RawEthanol

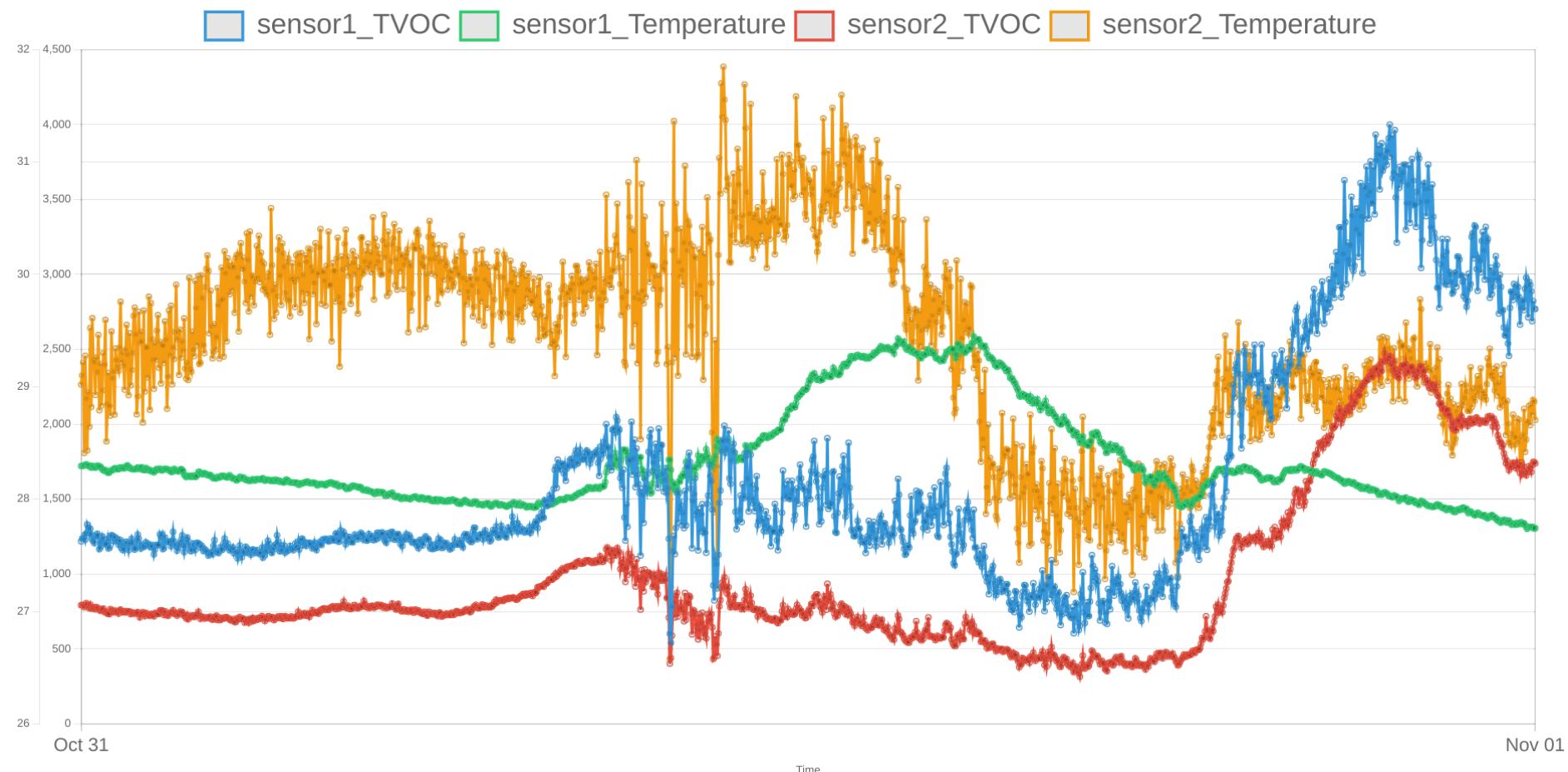
Avg of voc & Avg of rawEthanol sensor1 and sensor2





### 31 October Charts / Temperature

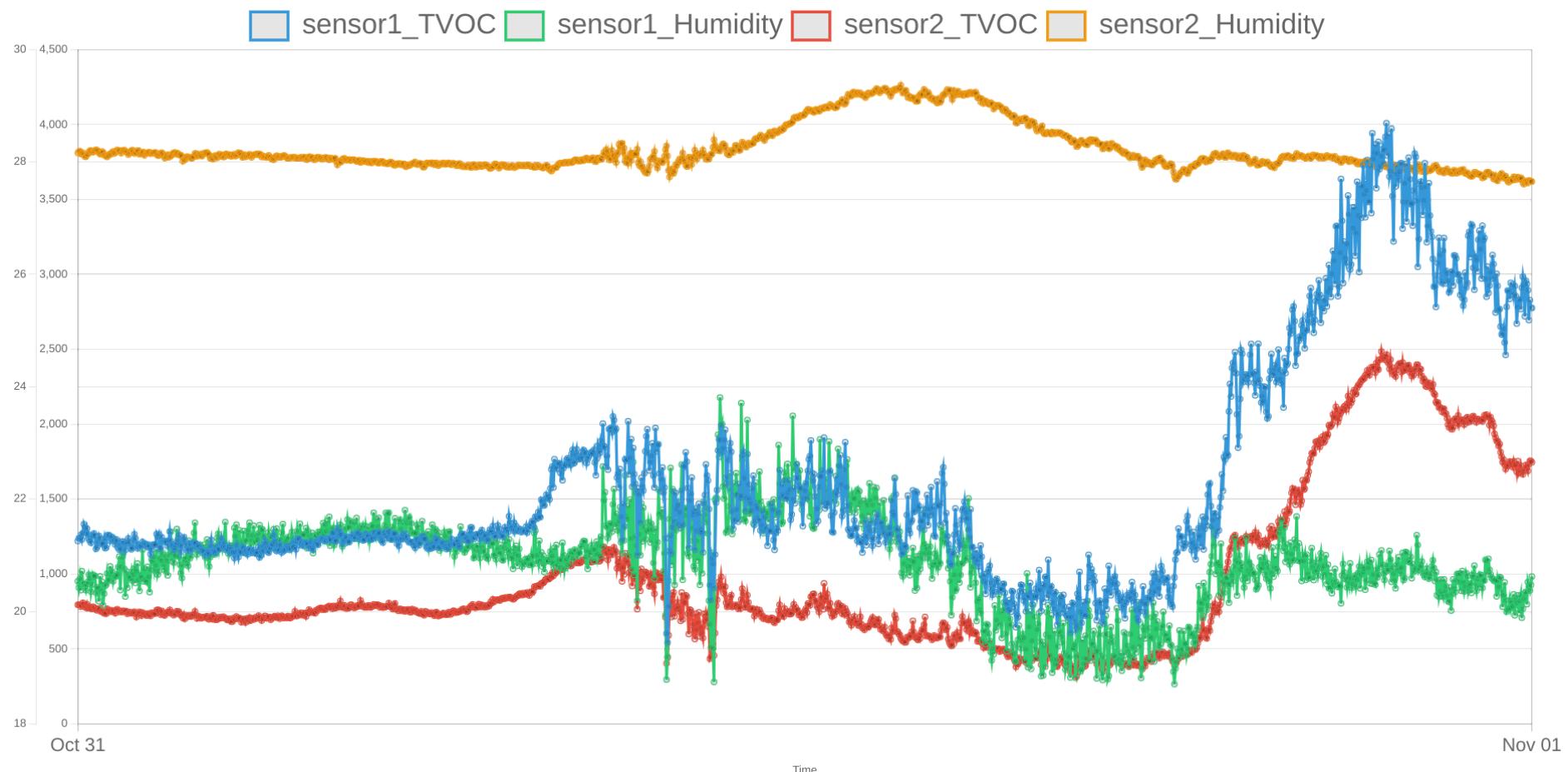
Avg of voc & Avg of Temperature sensor1 and sensor2





## 31 October Charts/ Humidity

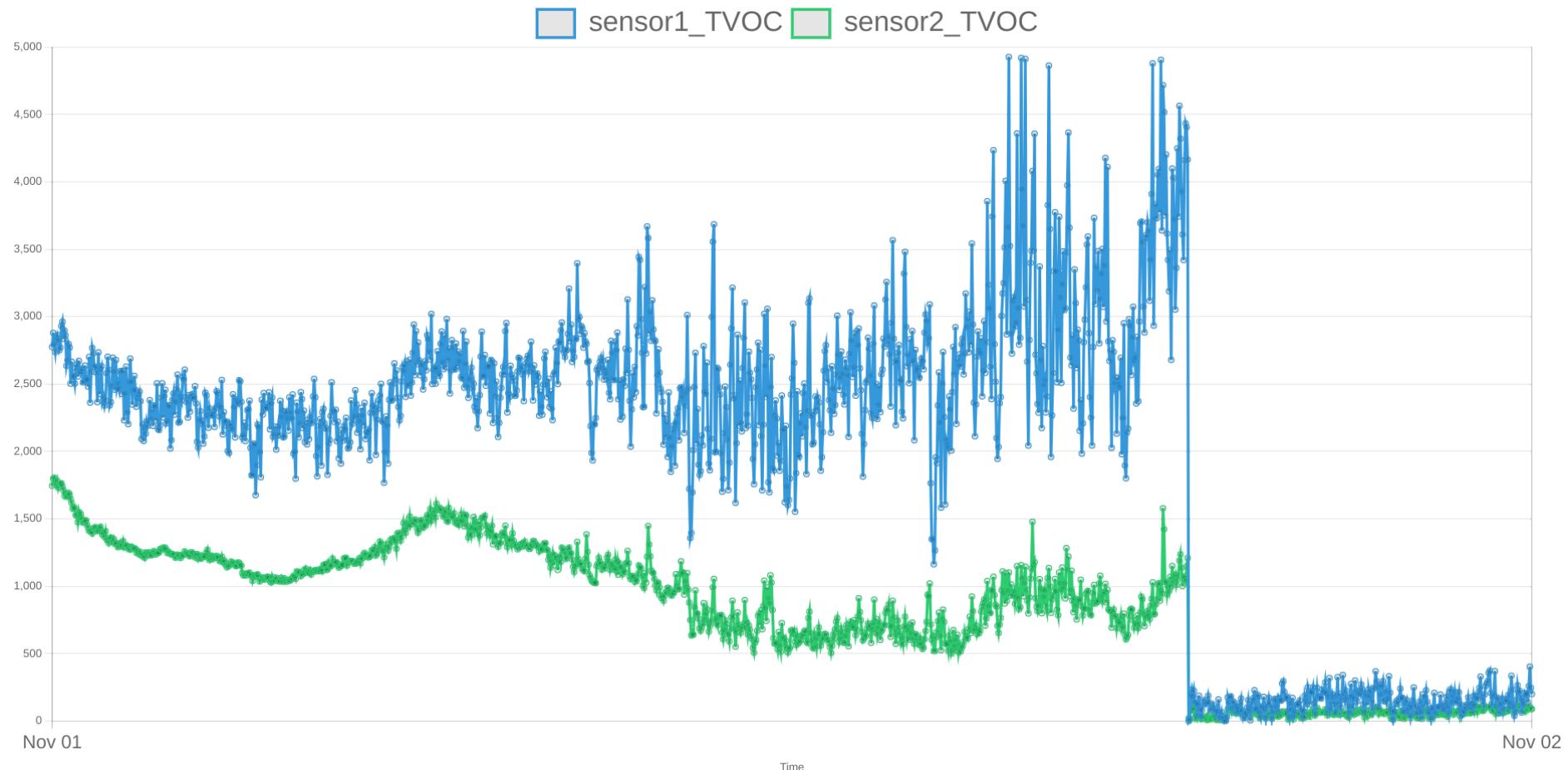
Avg of voc & Avg of Humidity sensor1 and sensor2





## 1 November Charts

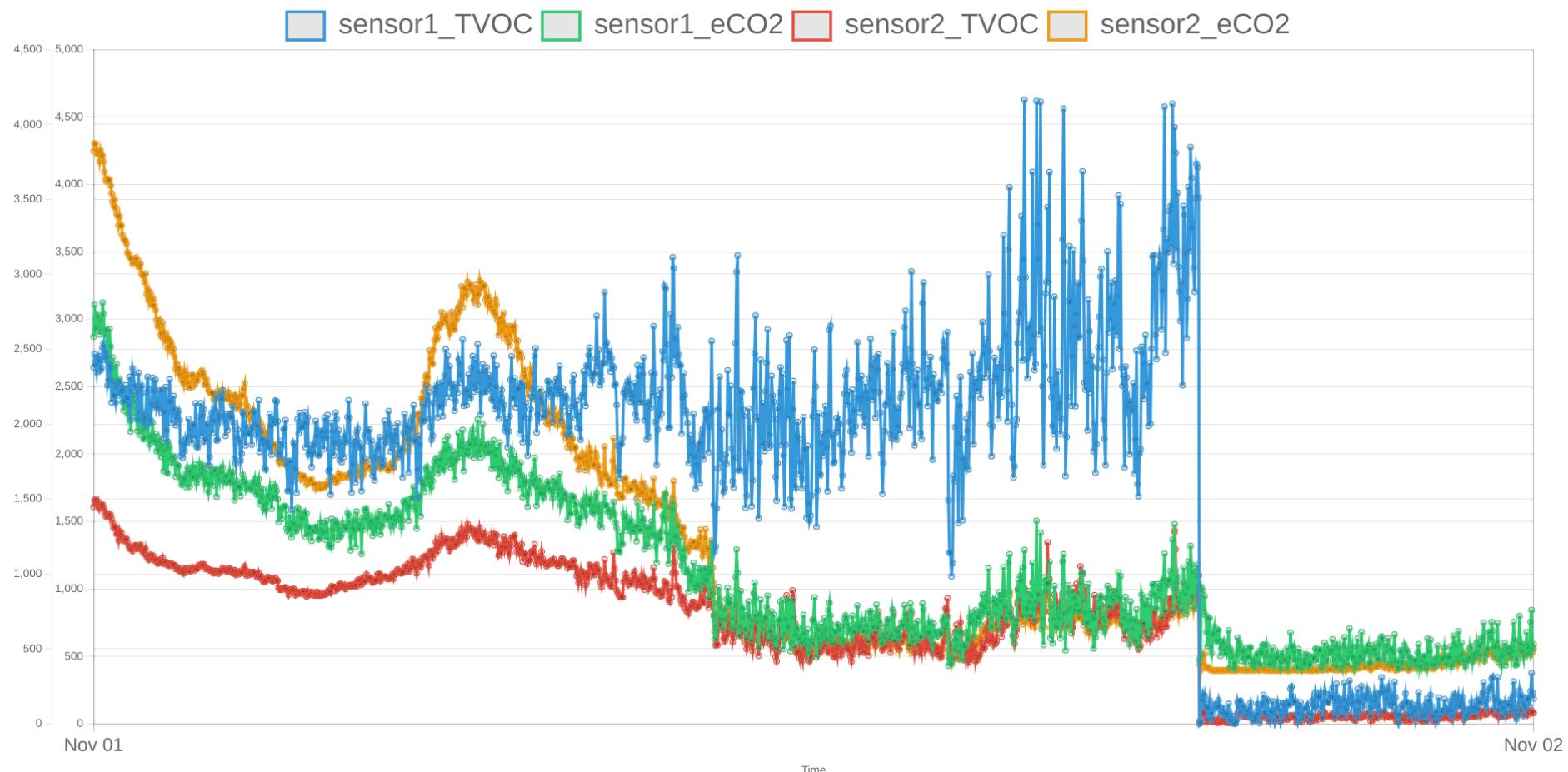
Avg of voc sensor1 and sensor2





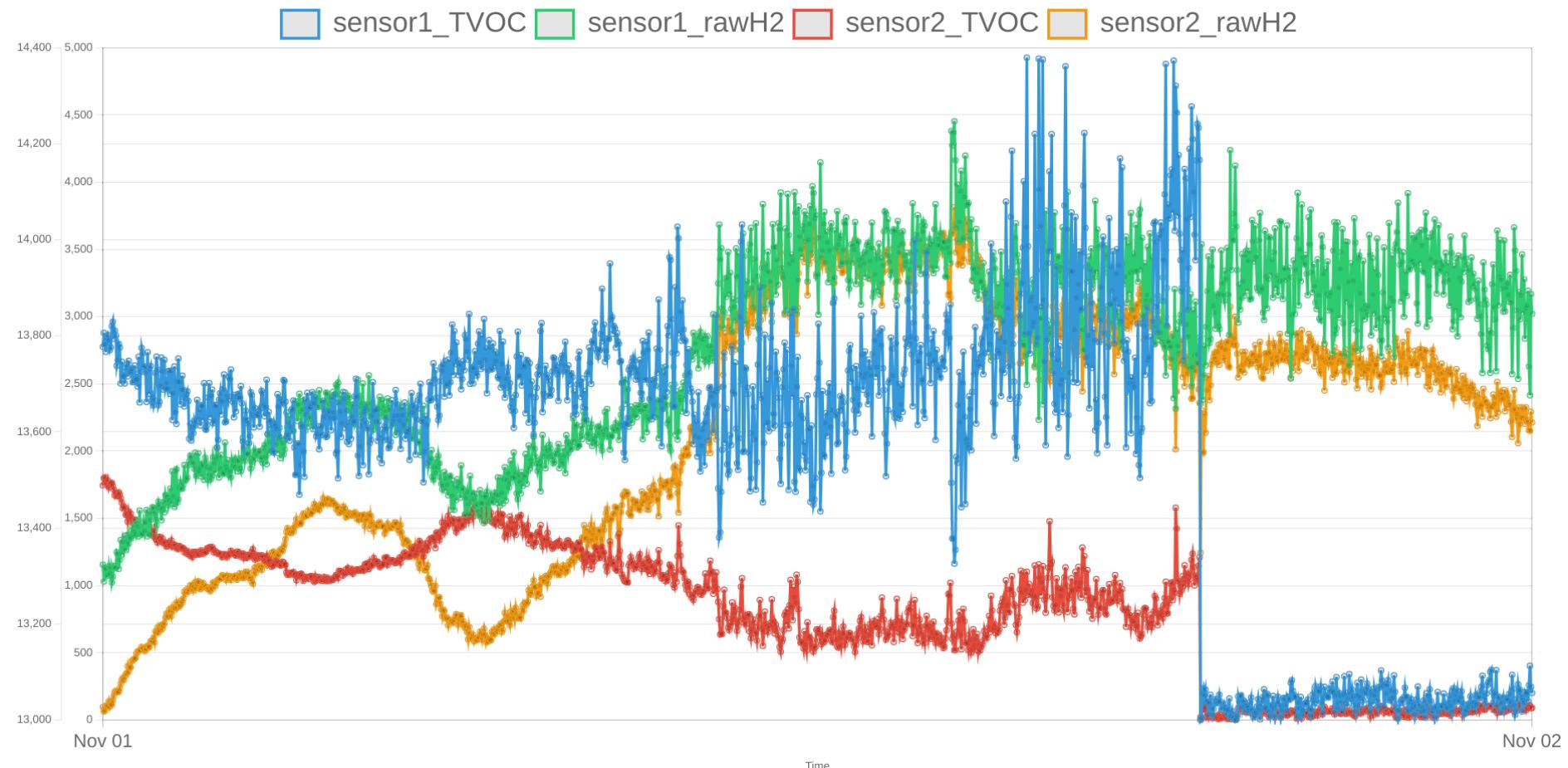
## 1 November Charts / CO2

Avg of voc & Avg of co2 sensor1 and sensor2



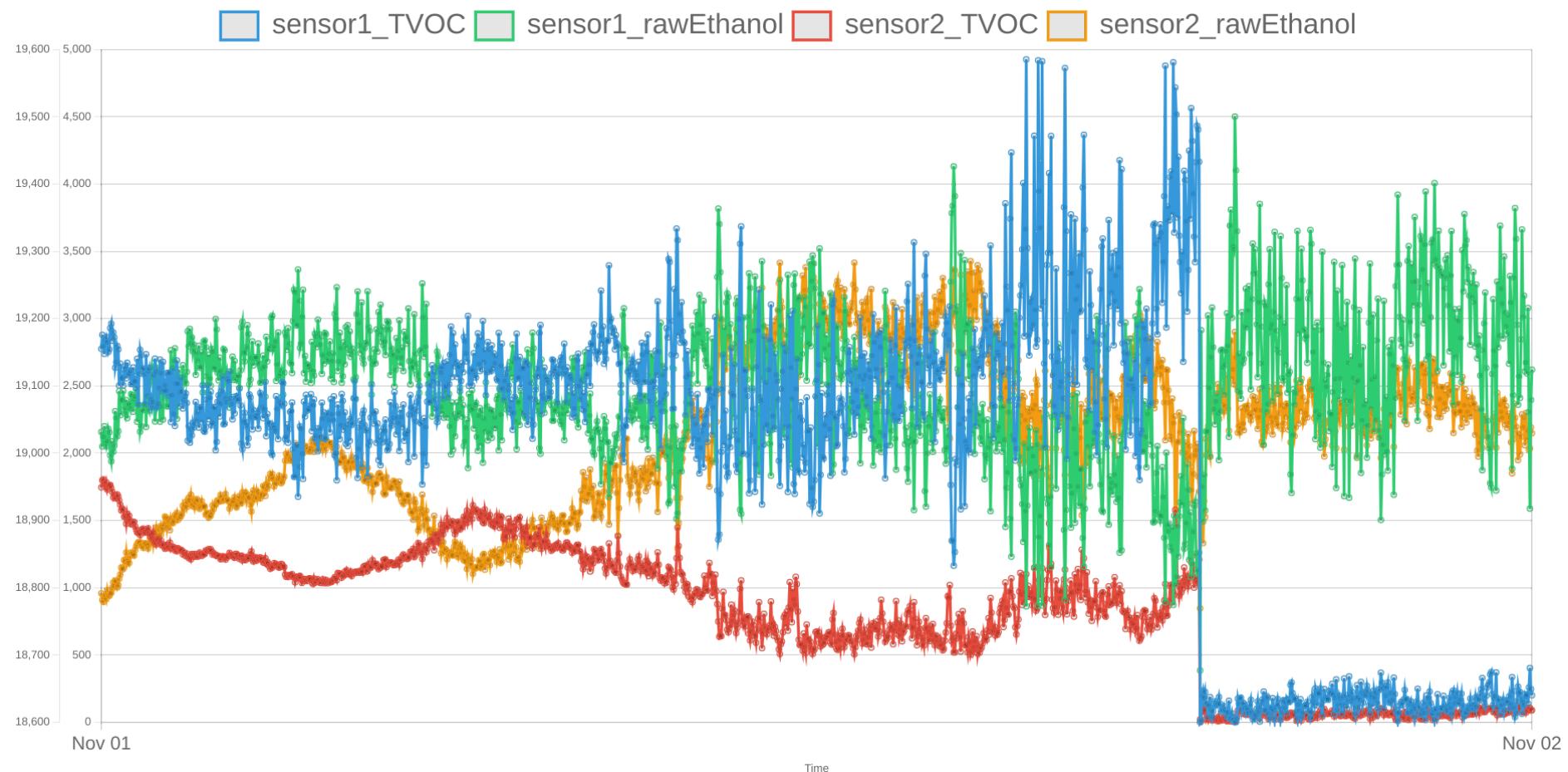
## 1 November Charts / RawH2

Avg of voc & Avg of rawh2 sensor1 and sensor2



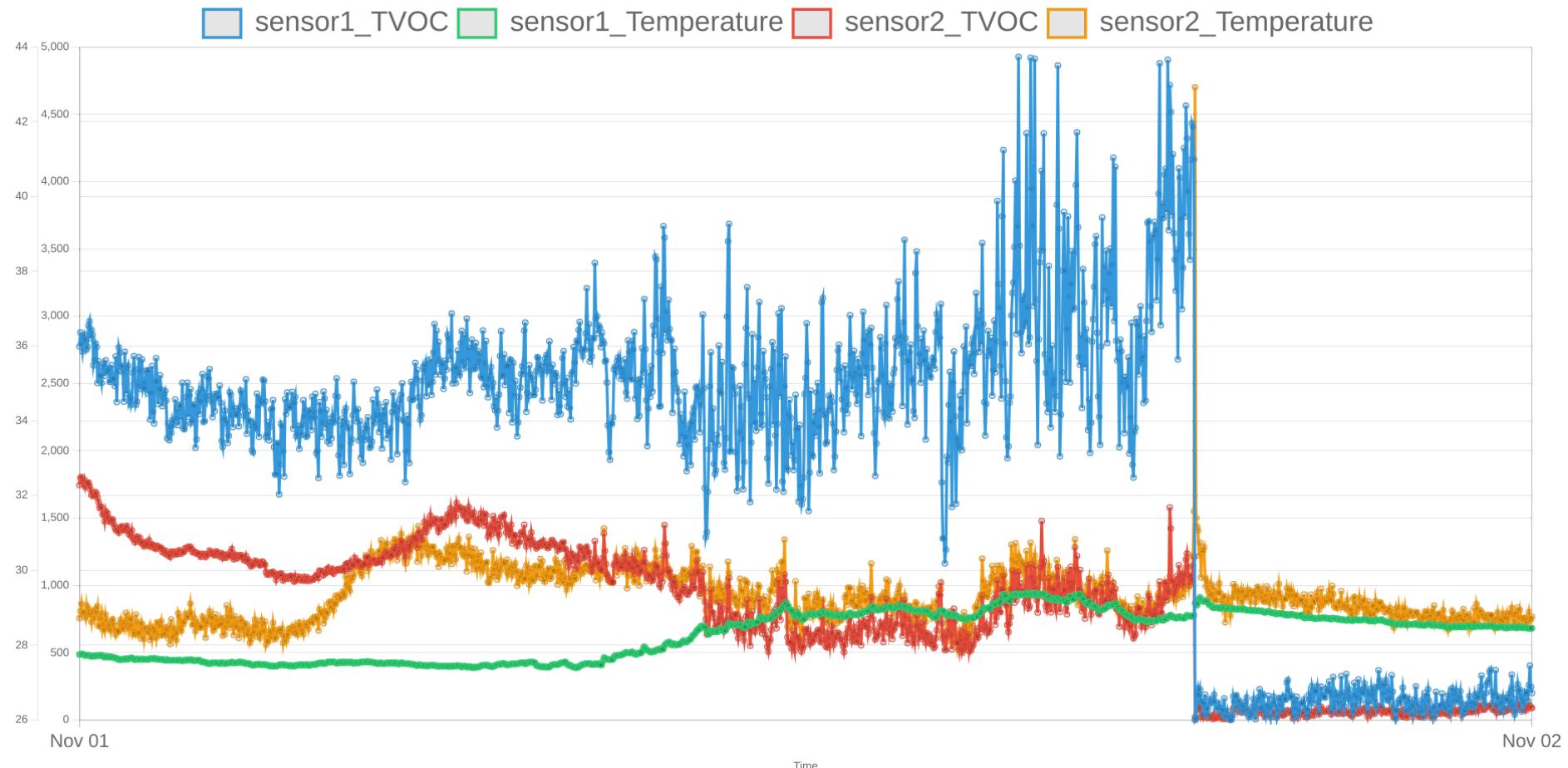
## 1 November Charts / RawEthanol

Avg of voc &amp; Avg of rawEthanol sensor1 and sensor2



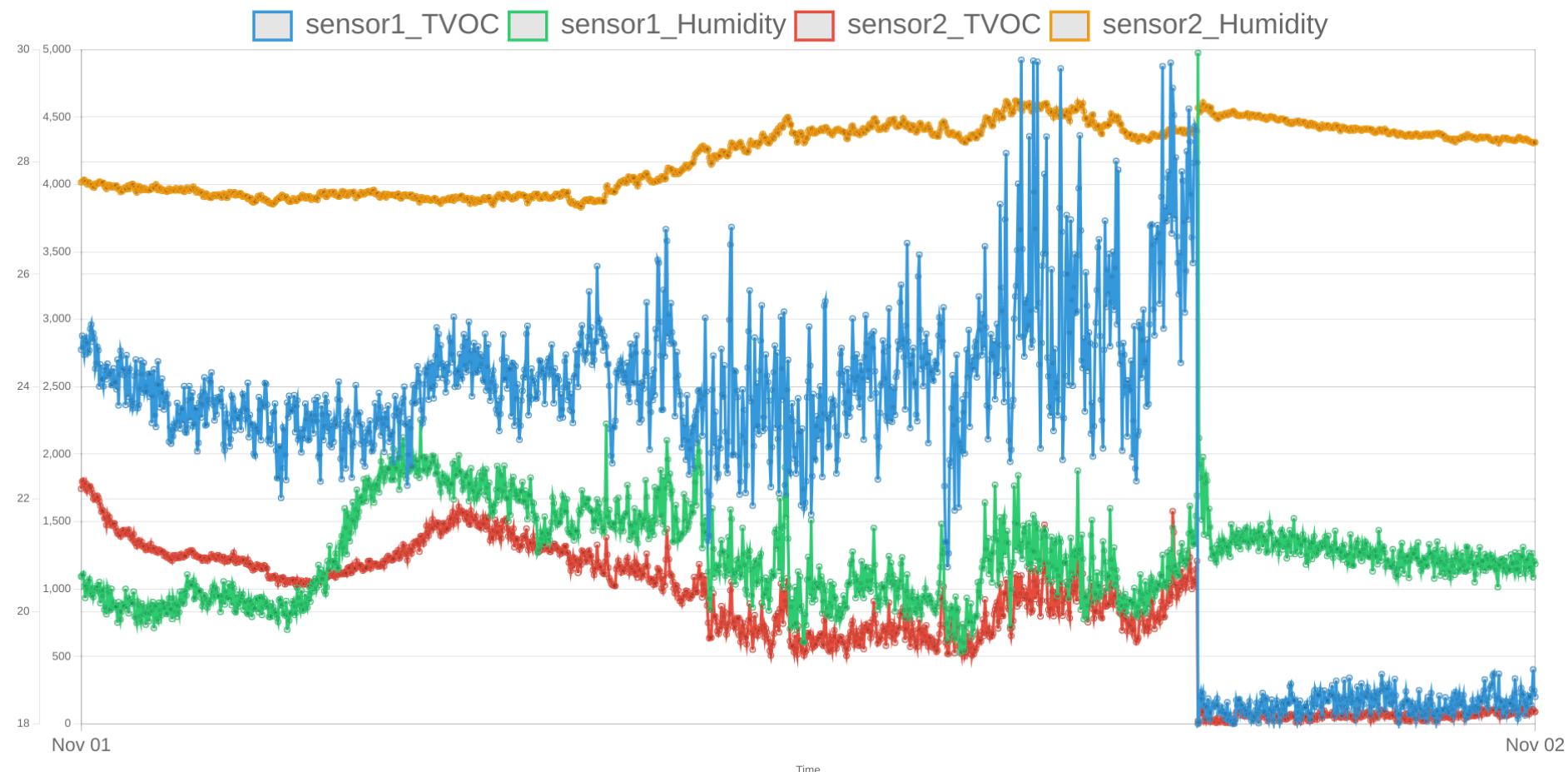
## 1 November Charts / Temperature

Avg of voc & Avg of Temperature sensor1 and sensor2



## 1 November Charts/ Humidity

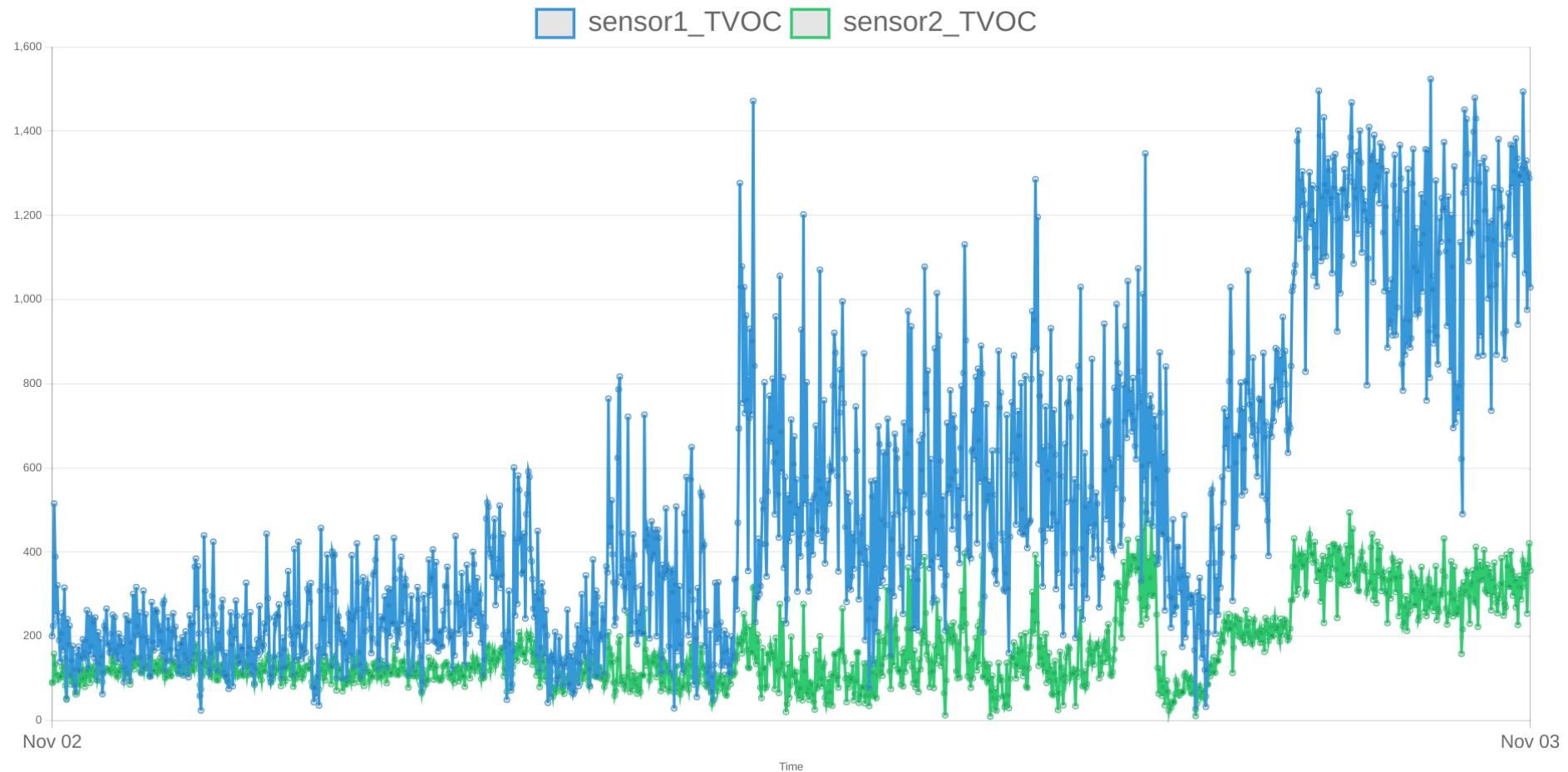
Avg of voc & Avg of Humidity sensor1 and sensor2





## 2 November Charts

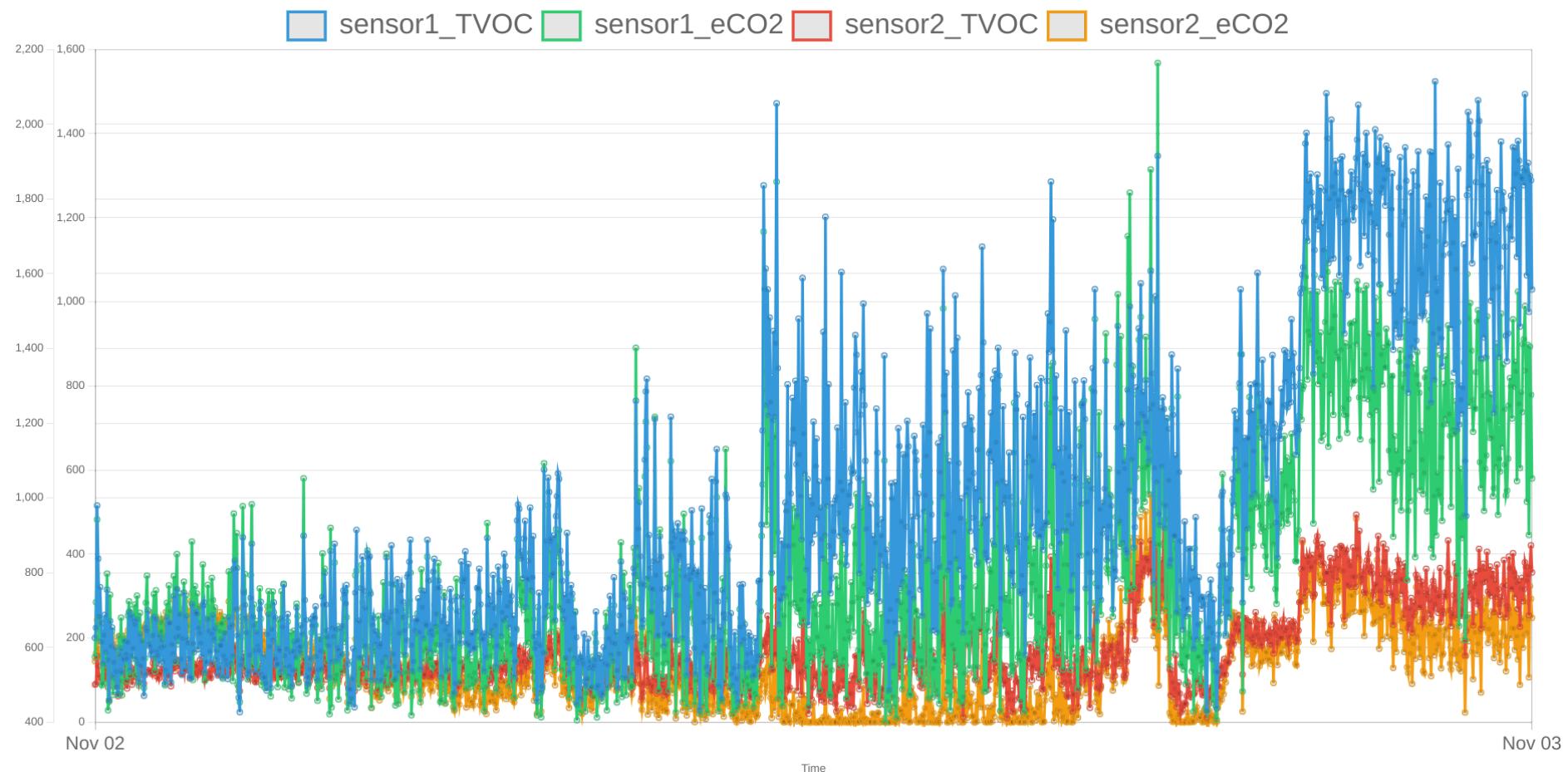
Avg of voc sensor1 and sensor2





## 2 November Charts / CO2

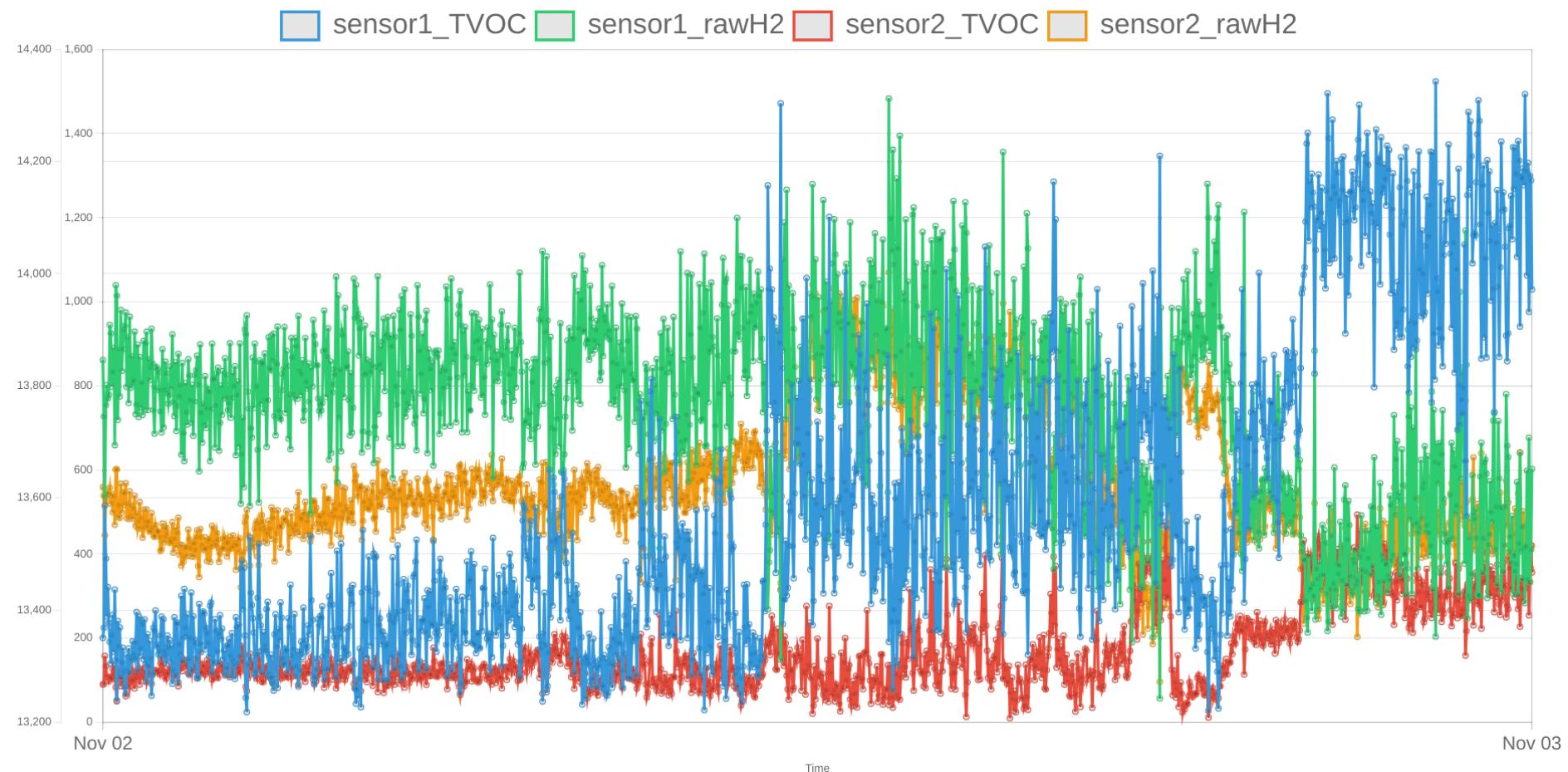
Avg of voc & Avg of co2 sensor1 and sensor2





## 2 November Charts / RawH2

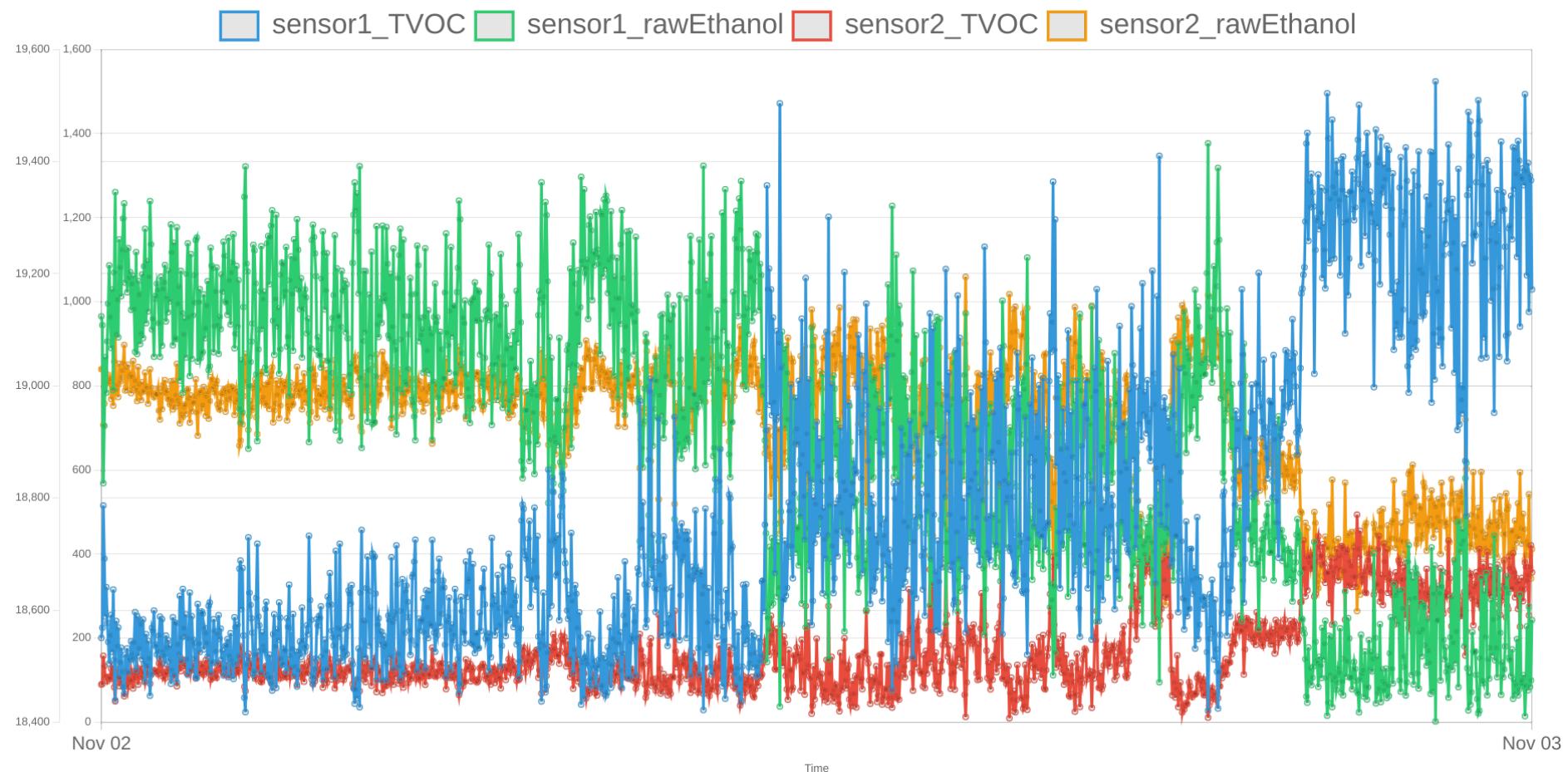
Avg of voc & Avg of rawh2 sensor1 and sensor2





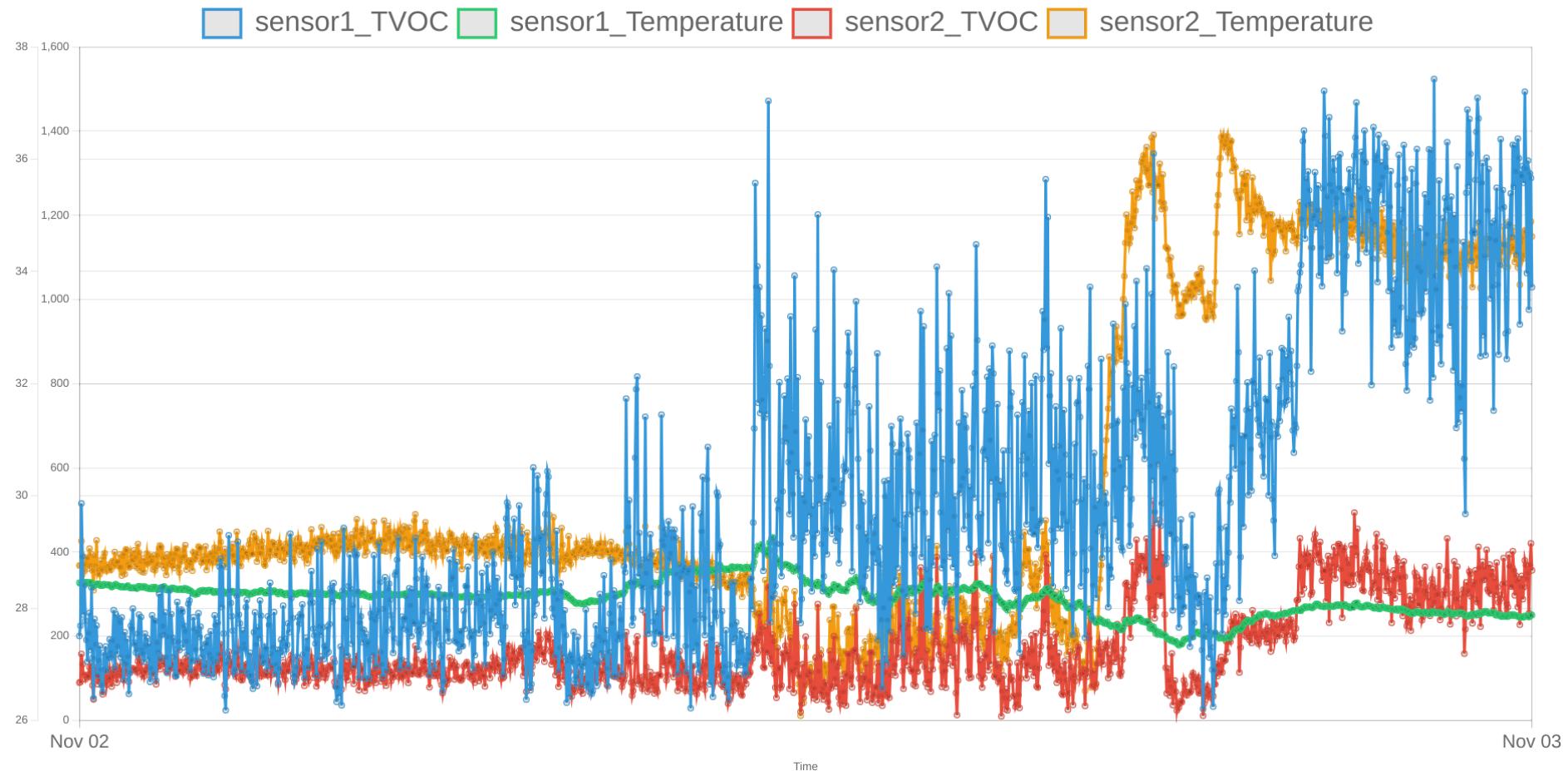
## 2 November Charts / RawEthanol

Avg of voc & Avg of rawEthanol sensor1 and sensor2



## 2 November Charts / Temperature

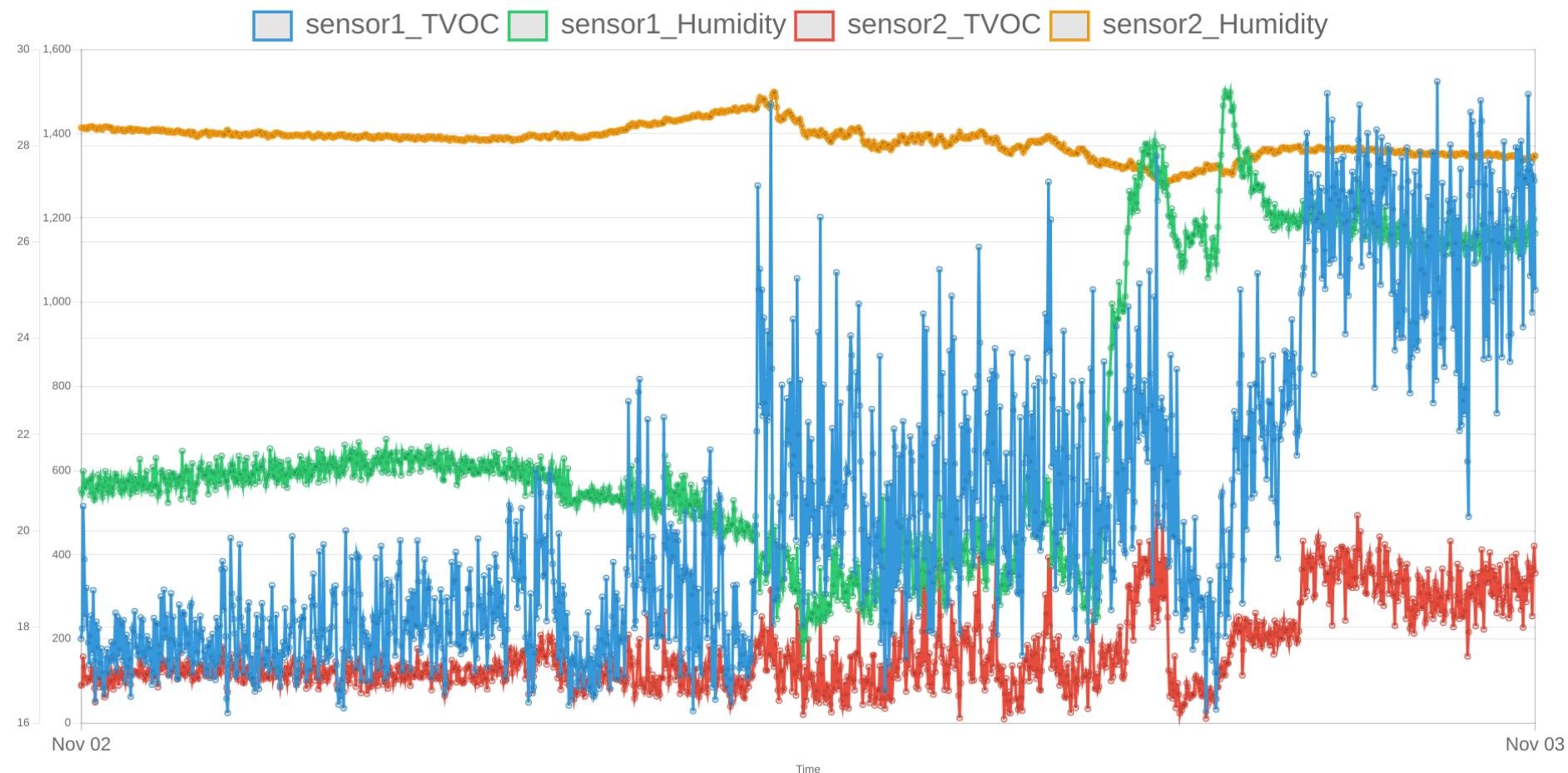
Avg of voc &amp; Avg of Temperature sensor1 and sensor2





## 2 November Charts/ Humidity

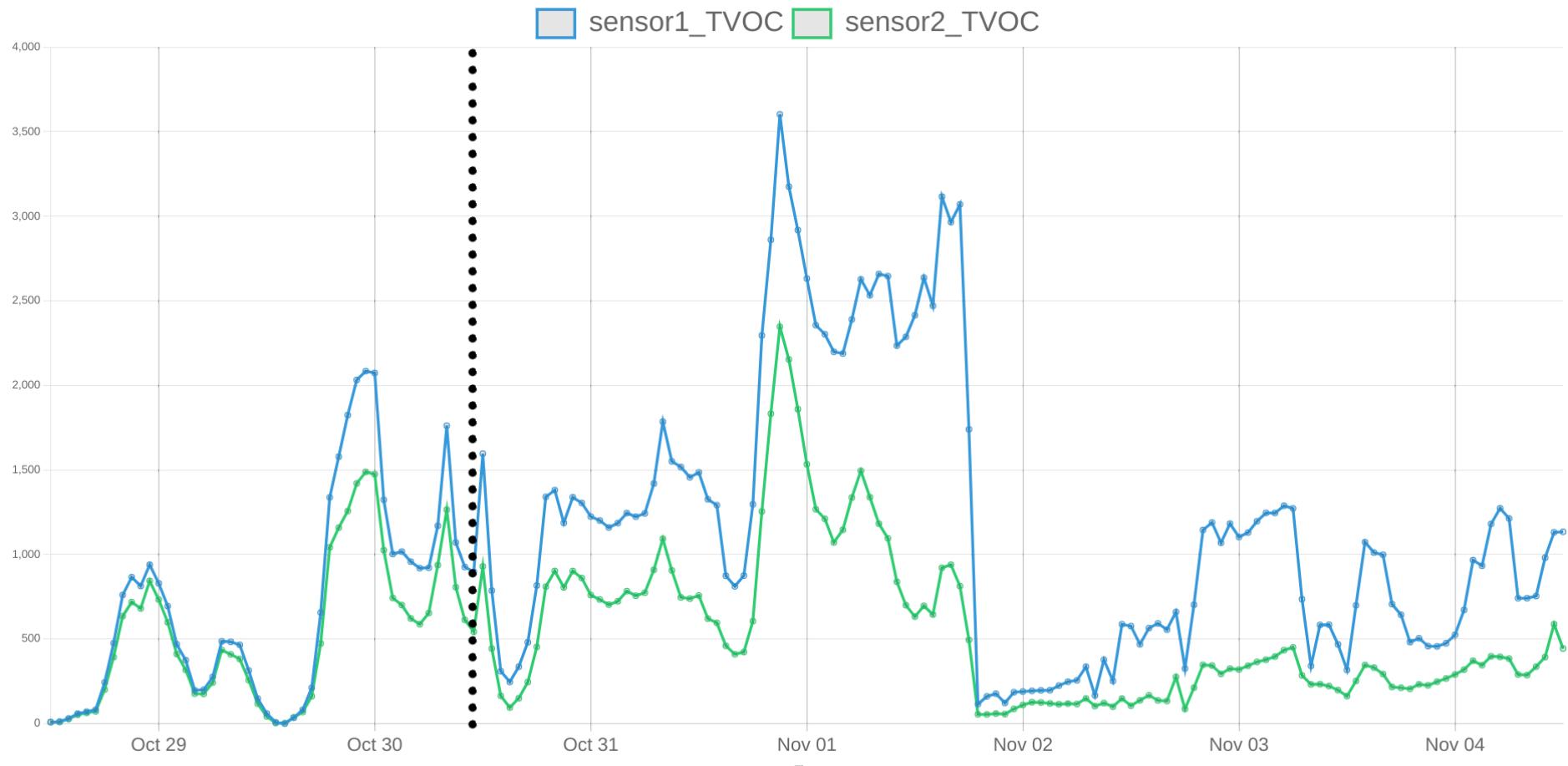
Avg of voc & Avg of Humidity sensor1 and sensor2





## Hourly Charts 28 oct until 4 nov

Avg of voc sensor1 and sensor2

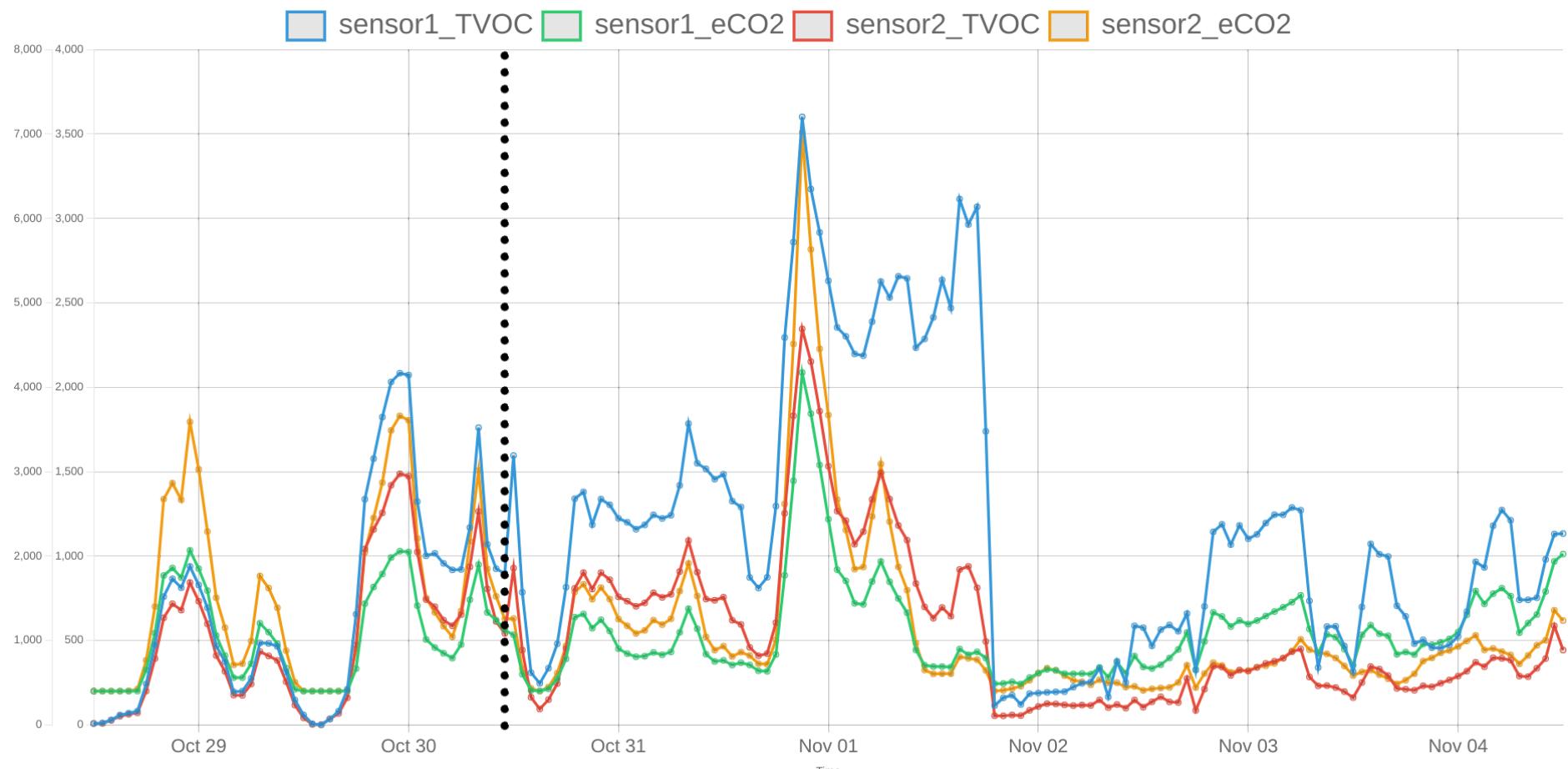


- black dot-line indicates Perfect Ripening Point



Hourly Charts 28 oct until 4 nov / CO2

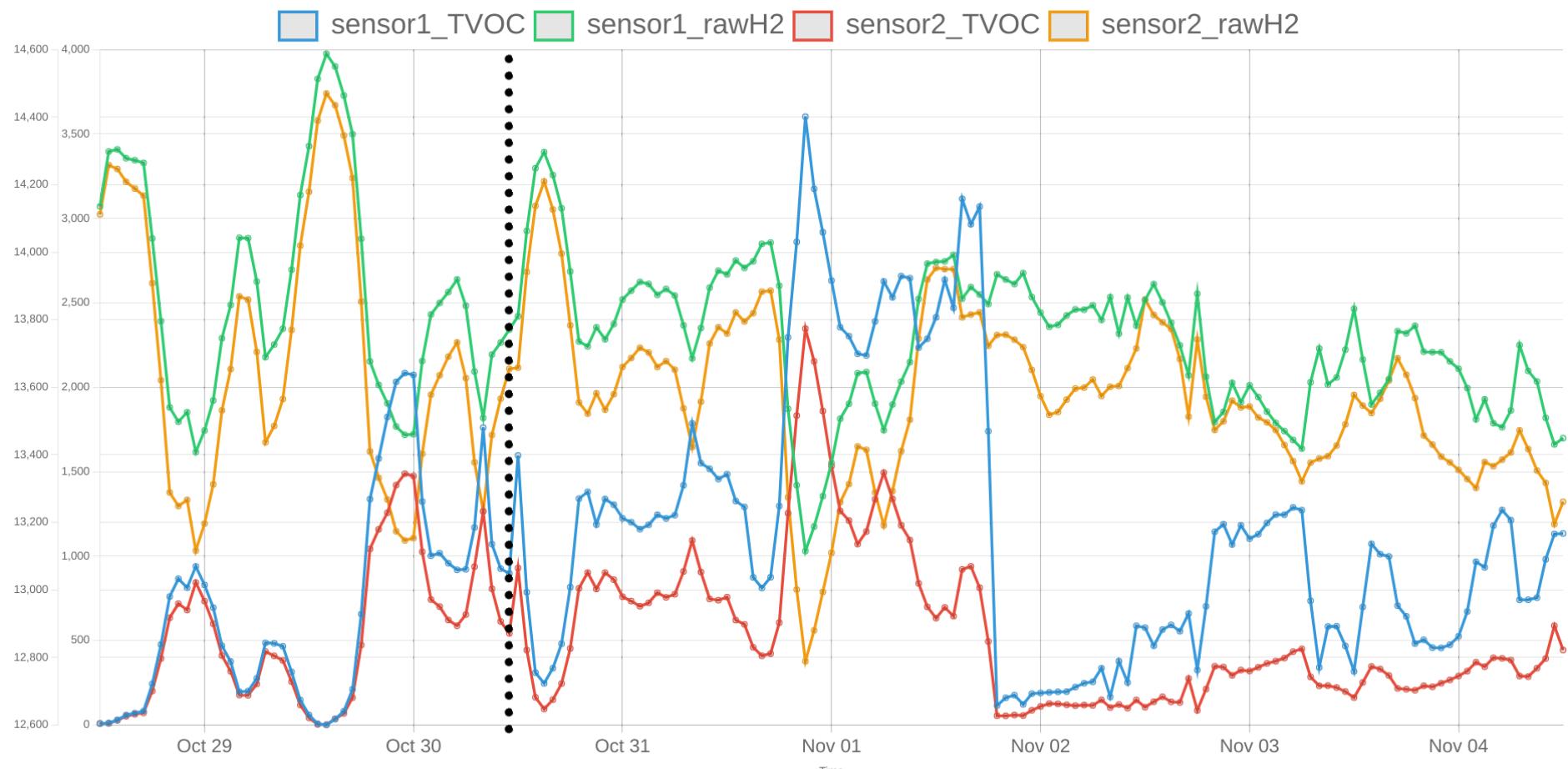
Avg of voc & Avg of co2 sensor1 and sensor2





Hourly Charts 28 oct until 4 nov / RawH2

Avg of voc & Avg of rawh2 sensor1 and sensor2

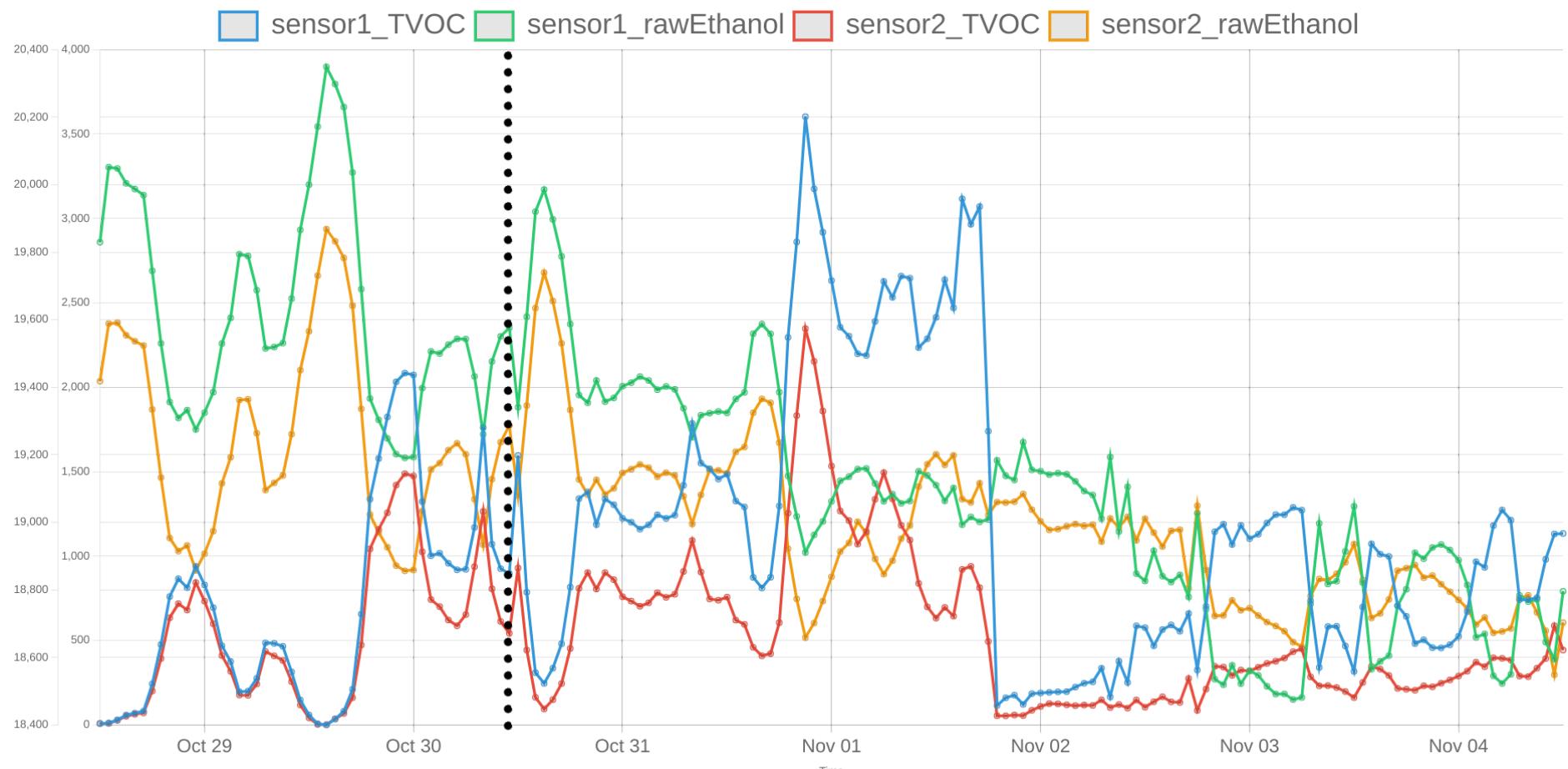


- black dot-line indicates Perfect Ripening Point



Hourly Charts 28 oct until 4 nov / RawEthanol

Avg of voc & Avg of rawEthanol sensor1 and sensor2

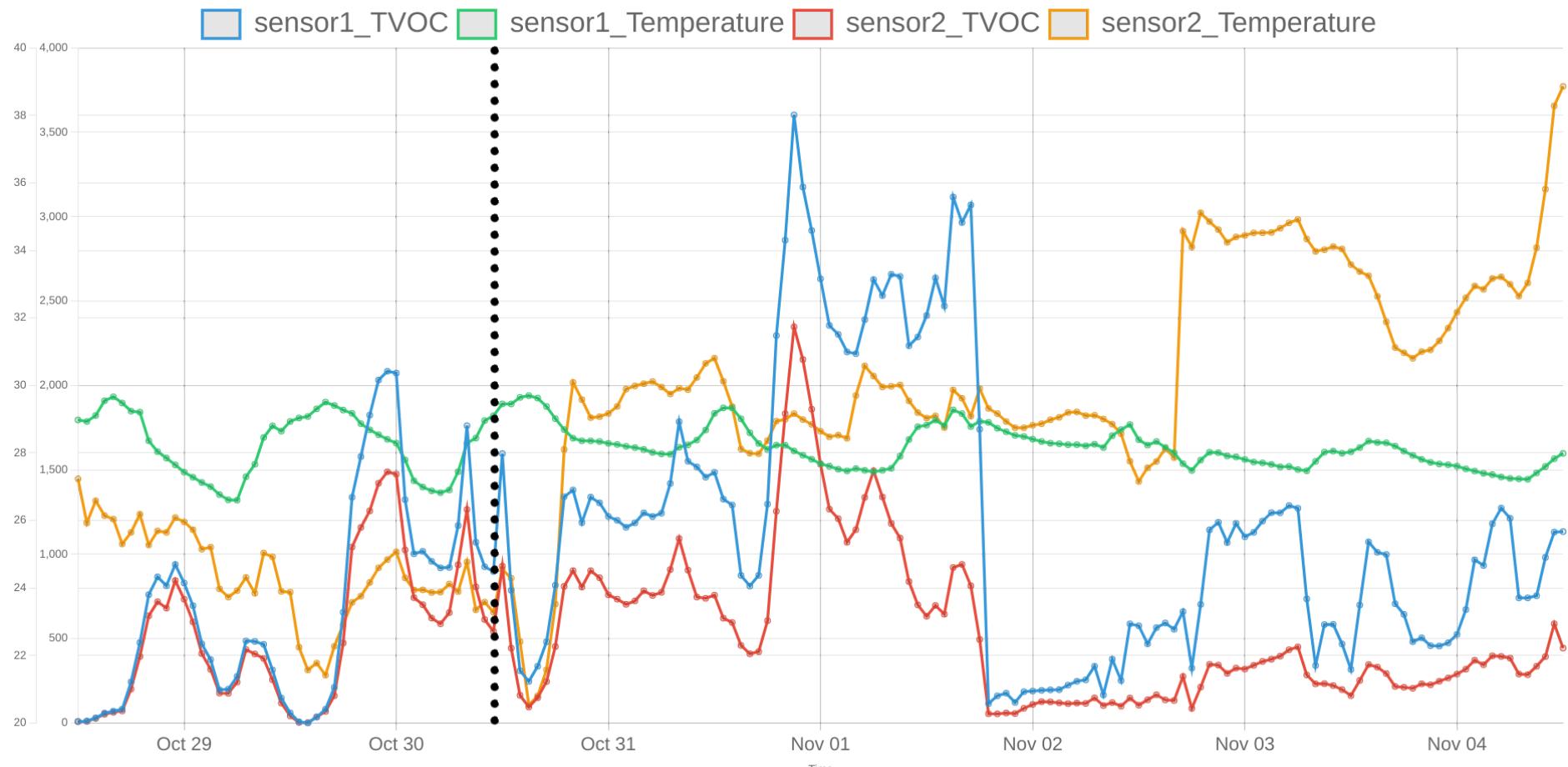


- black dot-line indicates Perfect Ripening Point



## Hourly Charts 28 oct until 4 nov / Temperature

Avg of voc & Avg of Temperature sensor1 and sensor2

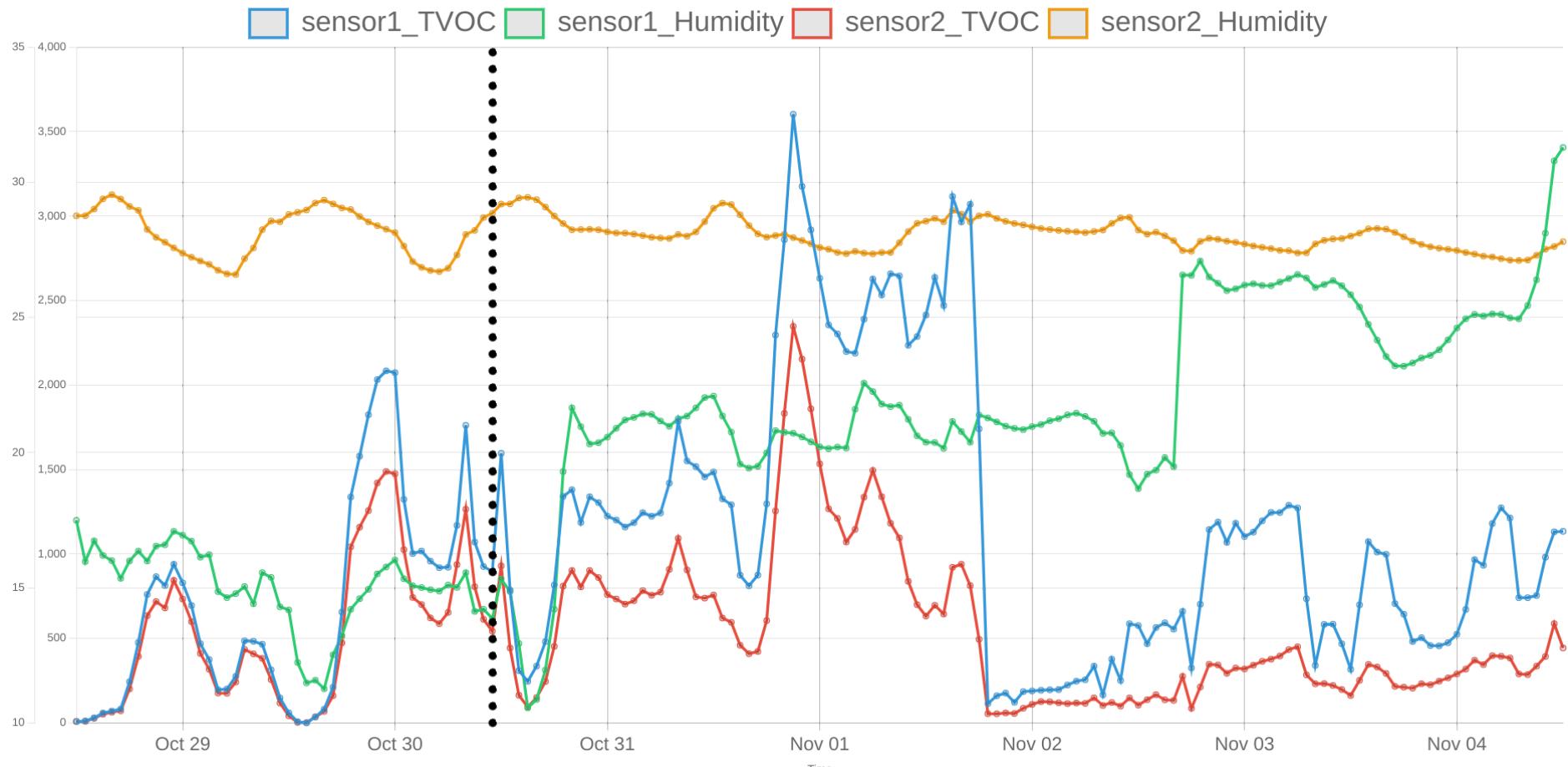


- black dot-line indicates Perfect Ripening Point



Hourly Charts 28 oct until 4 nov / Humidty

Avg of voc & Avg of Humidity sensor1 and sensor2

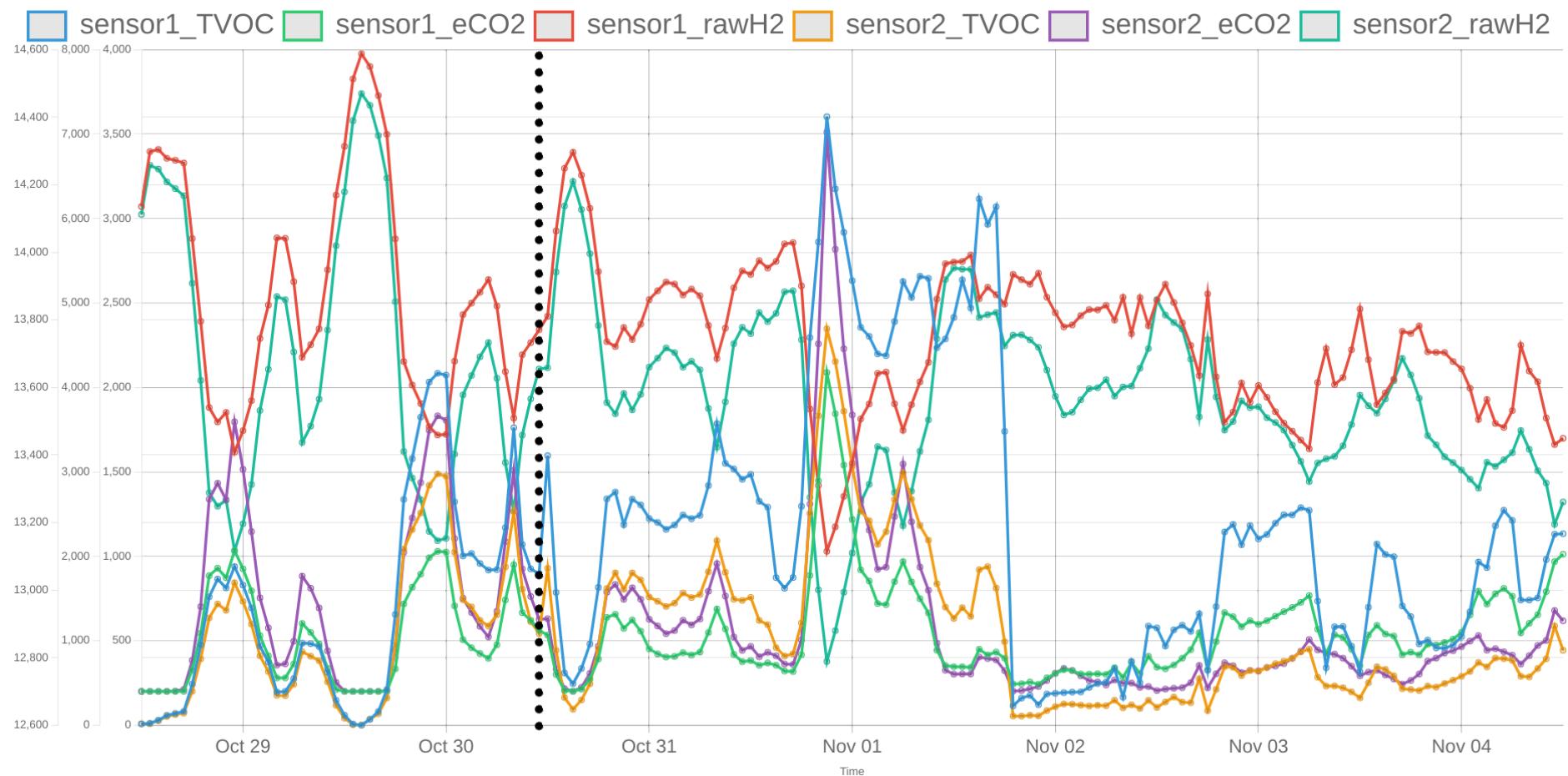


- black dot-line indicates Perfect Ripening Point



Hourly Charts 28 oct until 4 nov / All

Avg of voc & CO2 & RawH2 & RawEthanol & Temperature & Humidity sensor1 and sensor2



- black dot-line indicates Perfect Ripening Point