Reviewer's report

Title: Analysis of the Volatile Organic Compounds from Leaves, Flower Spikes, and Nectar of Australian grown Agastache rugosa

Version: 2 Date: 29 May 2014

Reviewer: Jean Baptsite Fokou Hzounda Fokou

Reviewer's report:

on the Abstract: the abstract is poorly written and do not respect the rule in abstract writing (background + material and method represent 50 percent of the abstract while result and conclusion represent 50 percent).

In introduction, the research question is well defined but not well written

In material and method, the identification of the chemical profile is not well described. please provide the formula of the retention index calculation.

In Results and discussion, there are a lot of non-relevant information according to the research question. Most of these information have to appear on introduction. Please clearly present your results and sustain their validity by another publications. Avoid discussing the results of the other authors.

The conclusion is very poorly organized. It should be entirely rewritten.

Minor Essential Revisions

line 40 is not well organized
Line 48 : the sentence is not necessary
Line 51: the SPME is not define in the text
Line 73: PTFE is not define in the text
Line 84 to 85 should appear in results not in material and method.
Line 92: the year of publication of the Adams book
Line 103-104 should appear on background not in result
Line 125: give the reference.
Line 128: to 131 is not necessary
Line 139: .....were optimized to (identify or extract) ..... 
Line 147 to 165: not relevant for the research question should be remove or place in the background.

Discretionary Revisions

the word “Optimized “ is not well used because the optimization take in to account a statistical tools and a complex experimental designs. As only the
temperature were changed in the system, it is not an optimization sensus strictum.

**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Needs some language corrections before being published

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

I declare that I have no competing interests