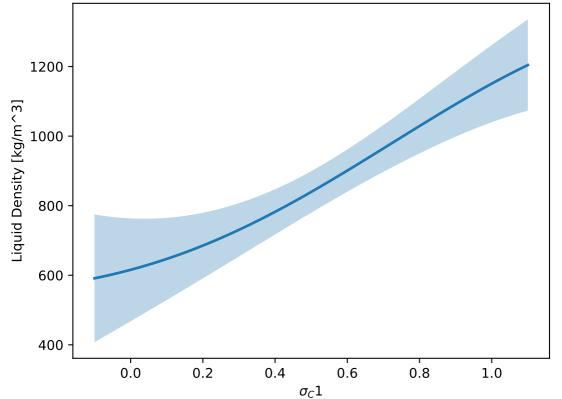
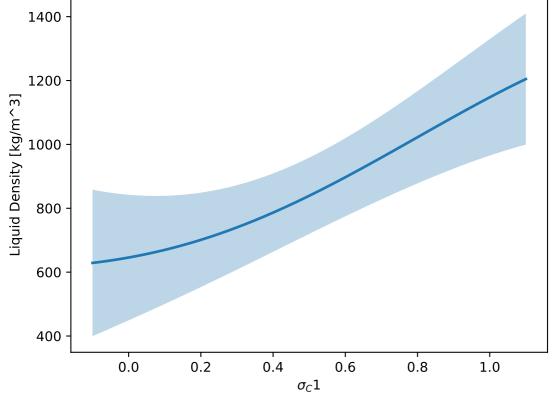
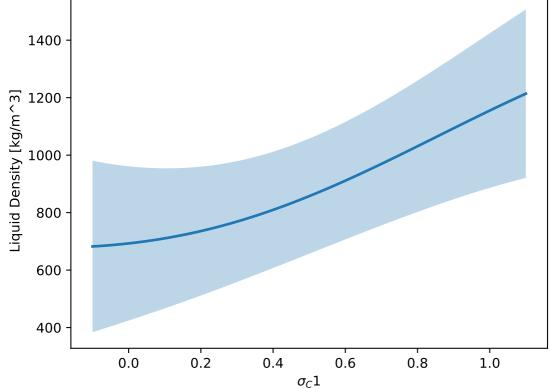
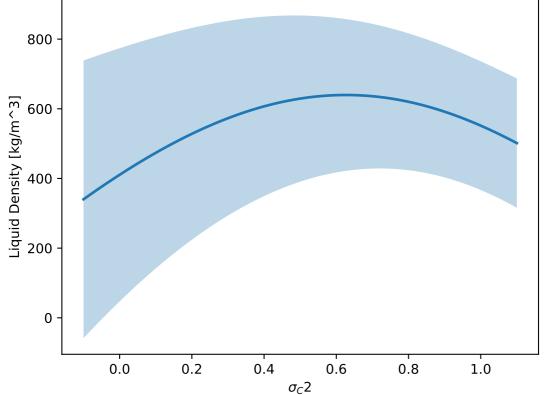


 $\sigma_C 1$ at T = 280 K. Other vals = 0.80.

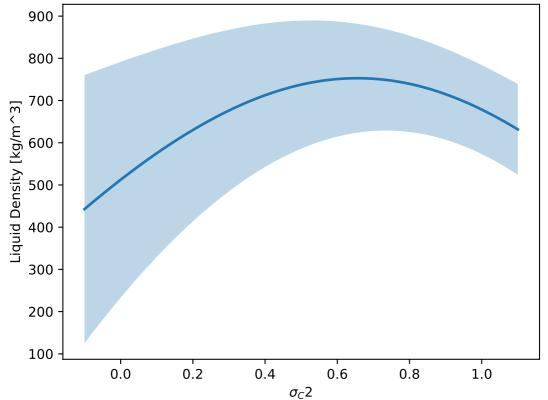


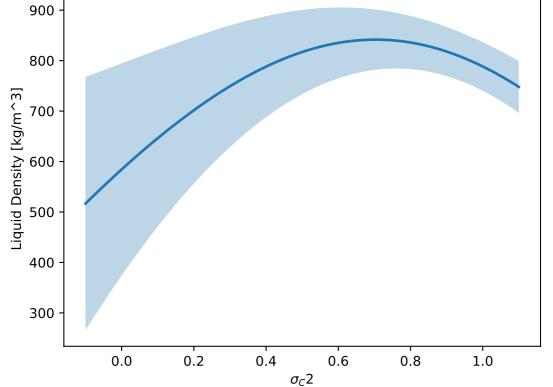


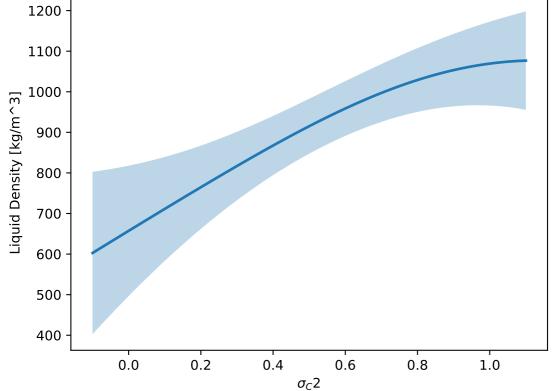


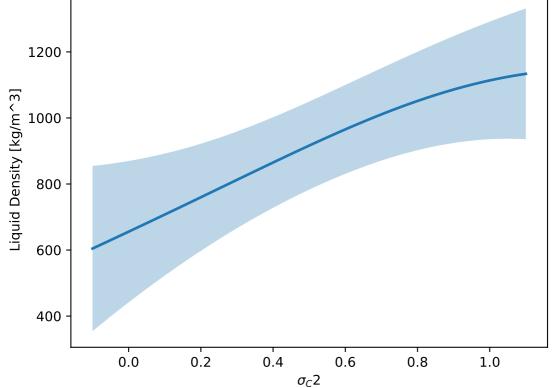


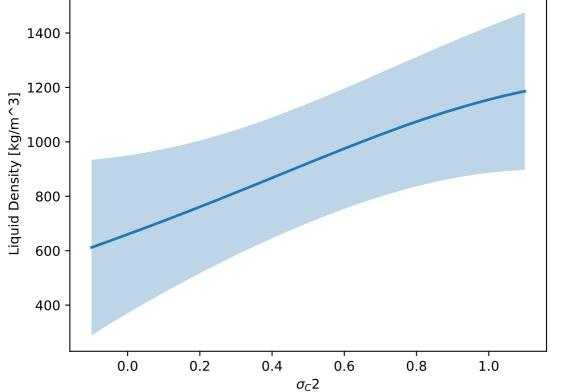
 σ_C 2 at T = 280 K. Other vals = 0.30.

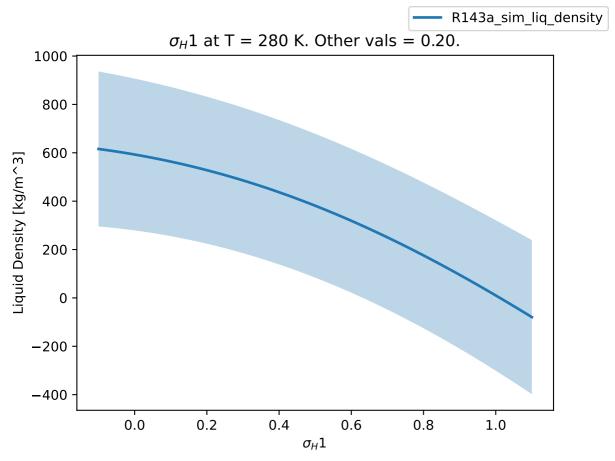


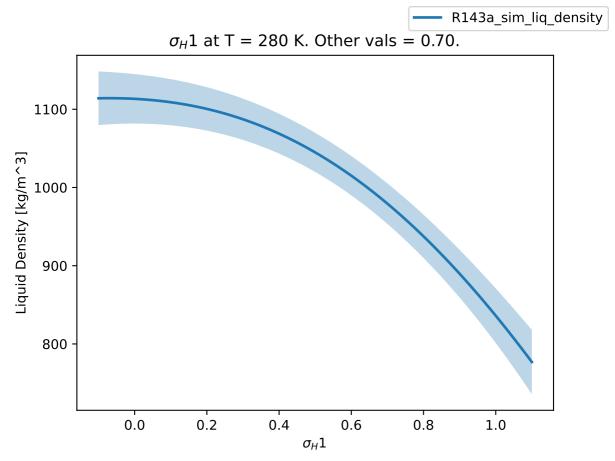




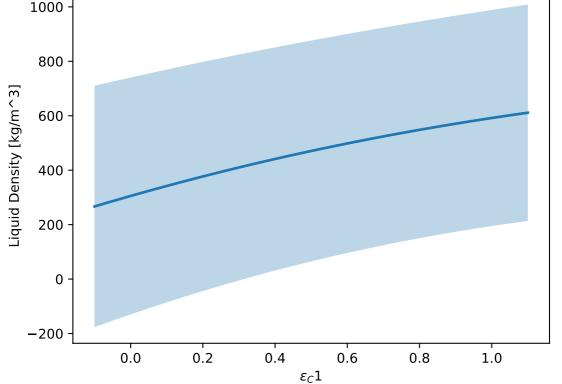


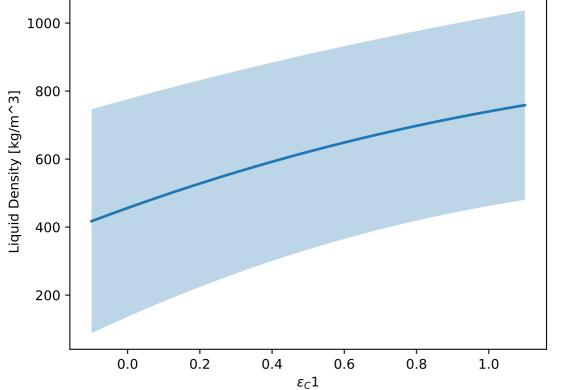




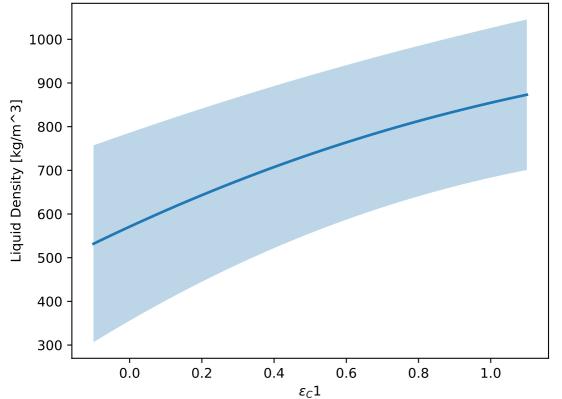


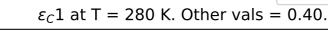
 $\sigma_H 1$

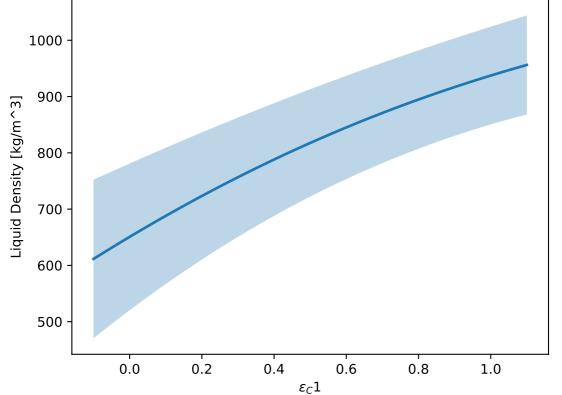


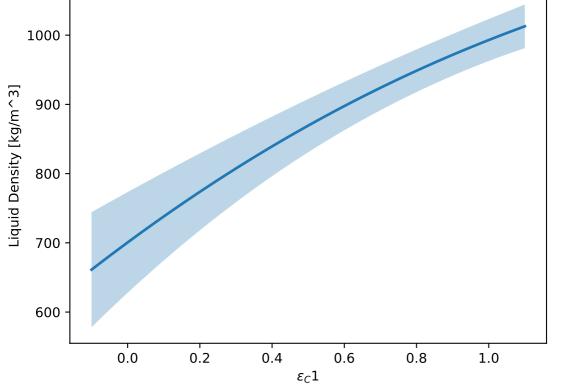


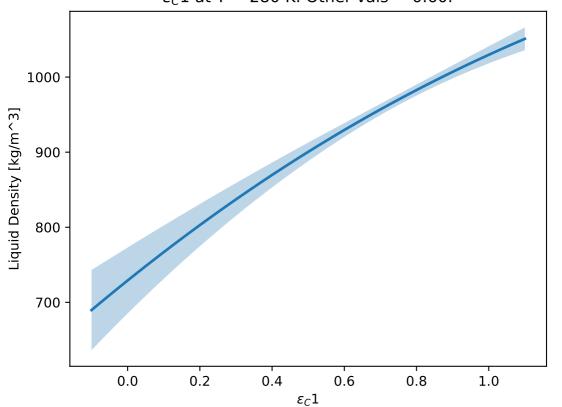
 $\varepsilon_C 1$ at T = 280 K. Other vals = 0.30.

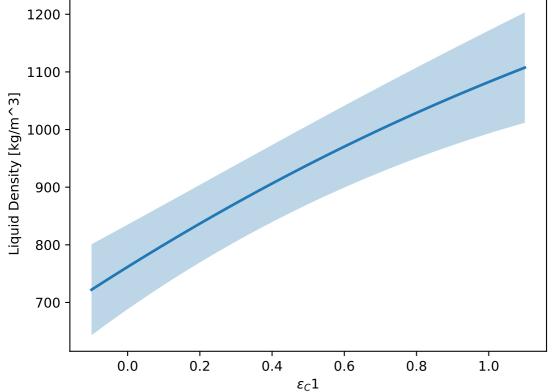


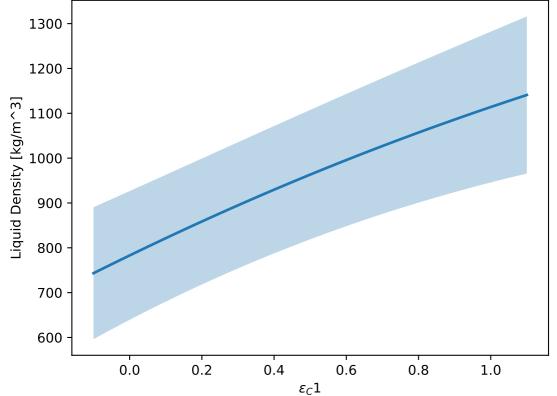












0.2

0.0

0.4

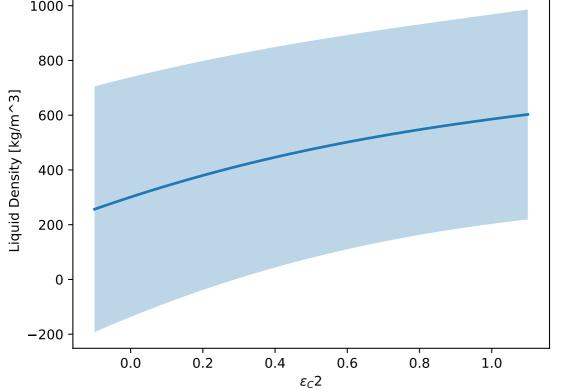
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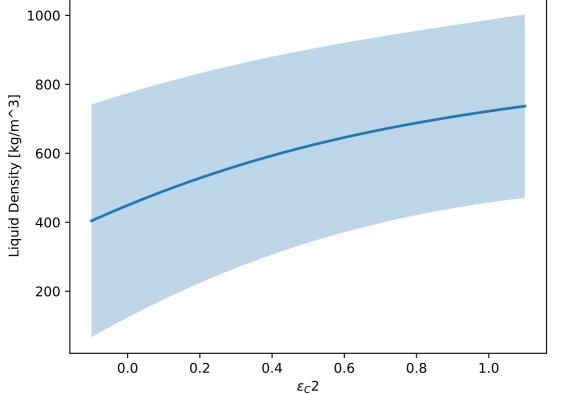
0.6

0.8

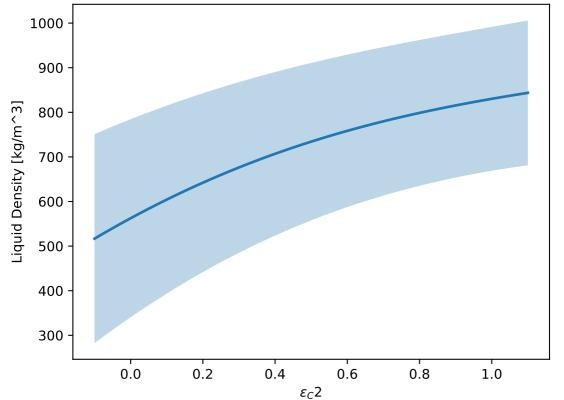
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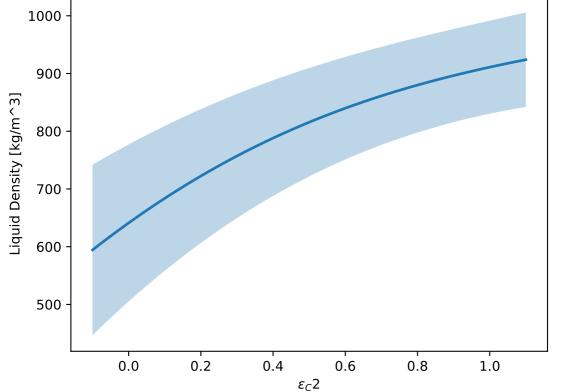
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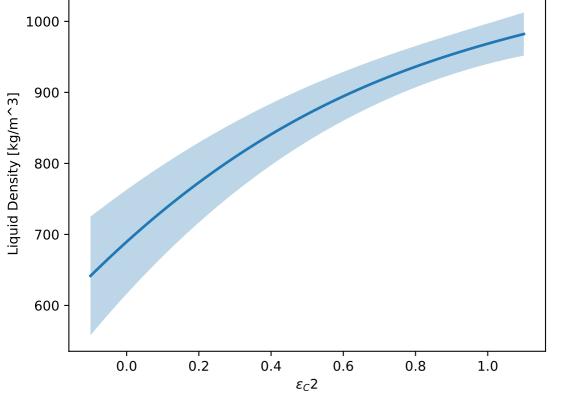


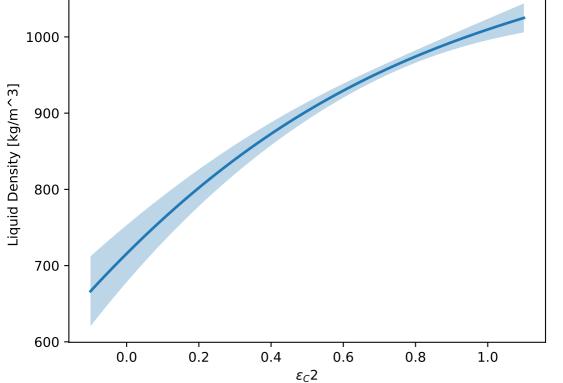


 ε_C 2 at T = 280 K. Other vals = 0.30.









0.2

0.0

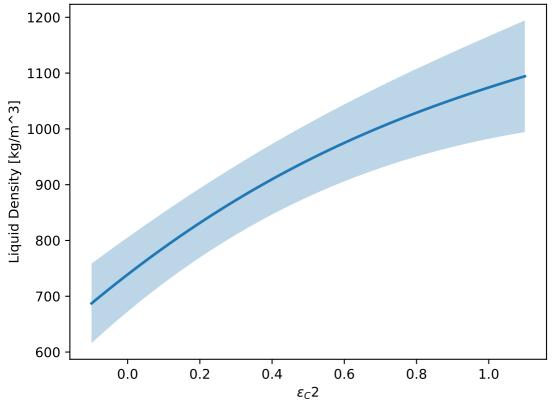
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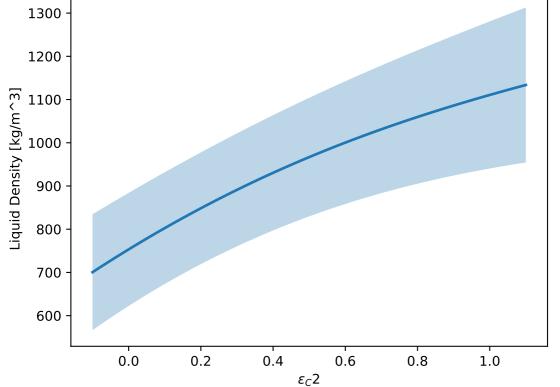
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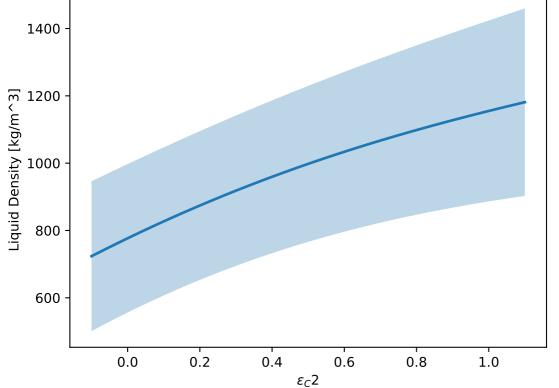
0.6

8.0

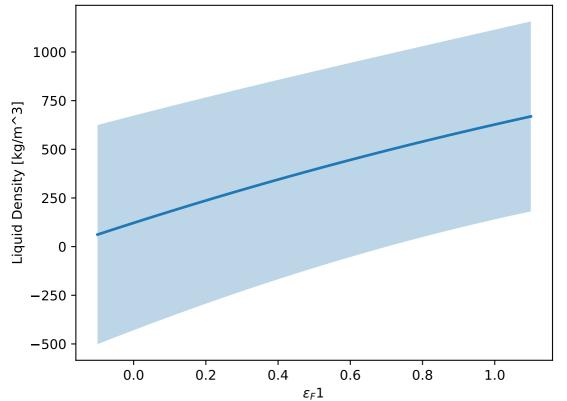
1.0

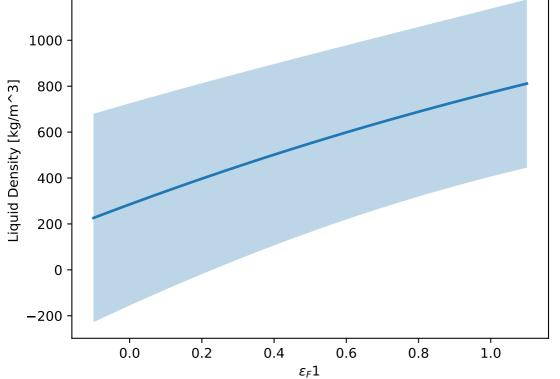




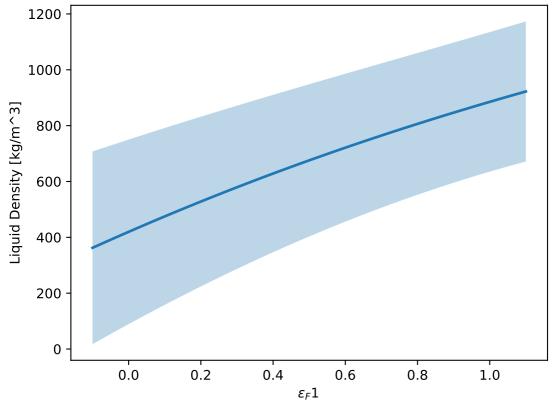


 $\varepsilon_F 1$ at T = 280 K. Other vals = 0.00.

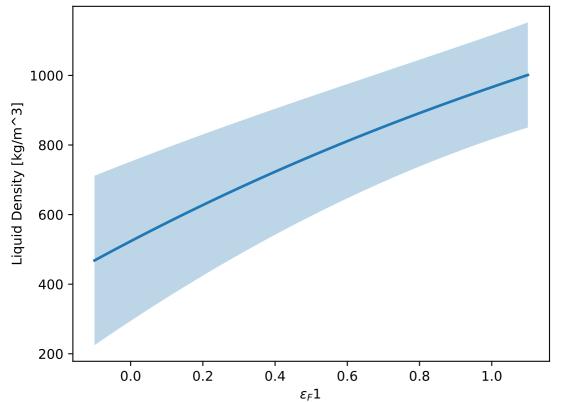




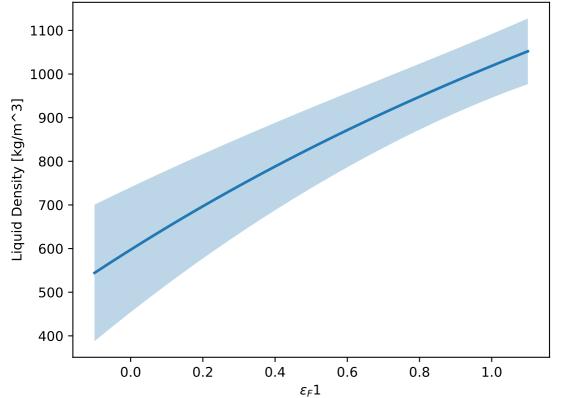
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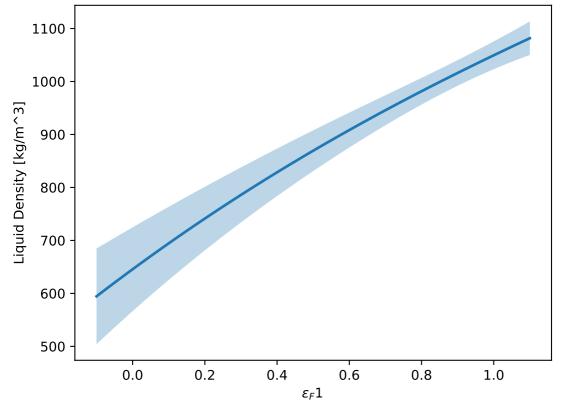
 $\varepsilon_F 1$ at T = 280 K. Other vals = 0.30.



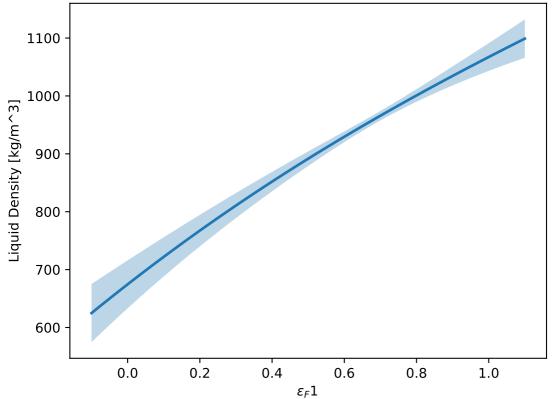
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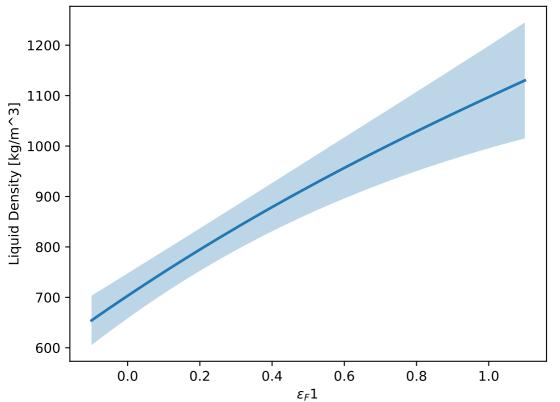
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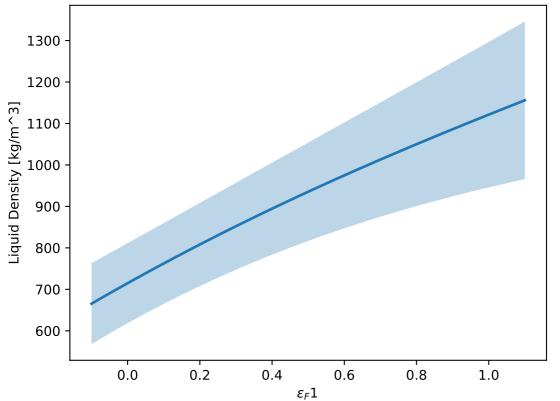
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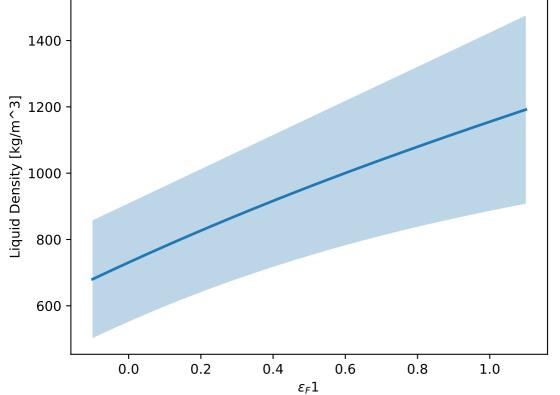
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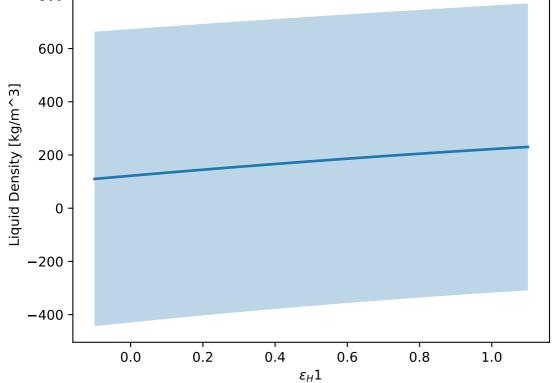


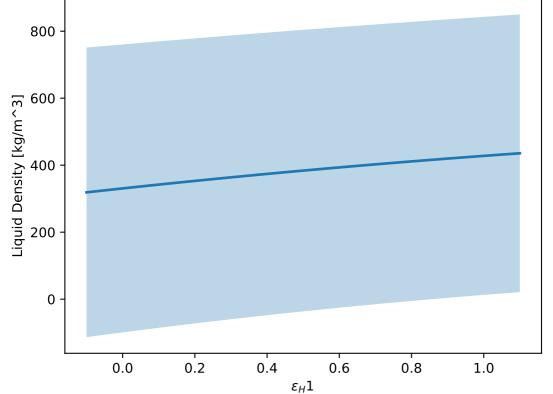
 $\varepsilon_F 1$ at T = 280 K. Other vals = 0.90.



 $\varepsilon_F 1$ at T = 280 K. Other vals = 1.00.

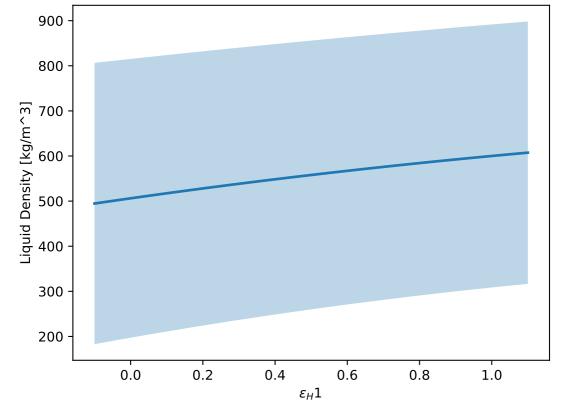




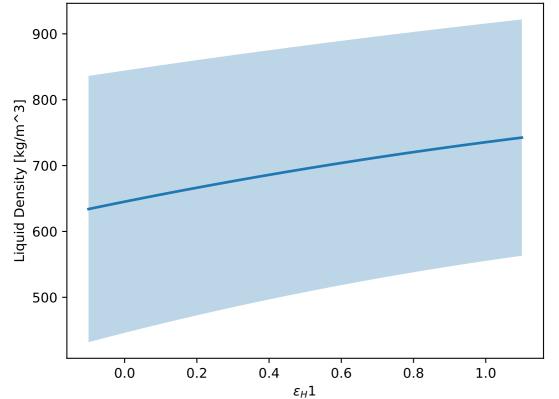


R143a_sim_liq_density

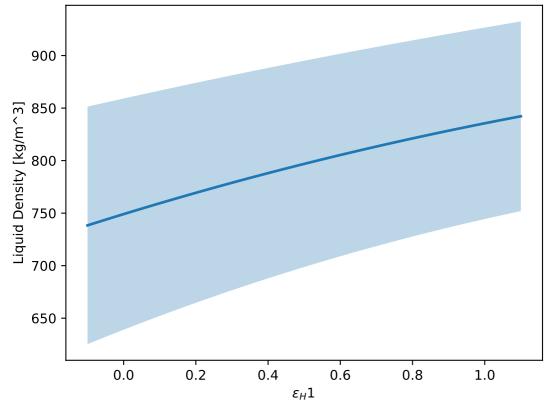
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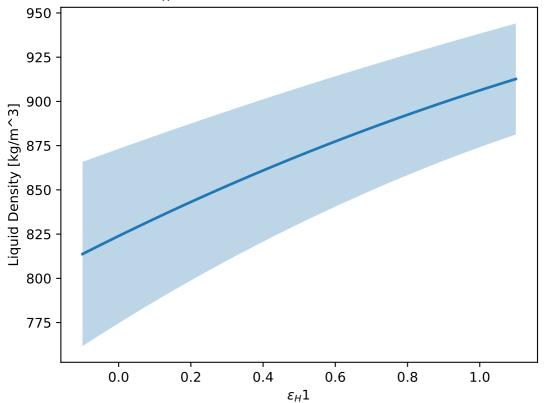
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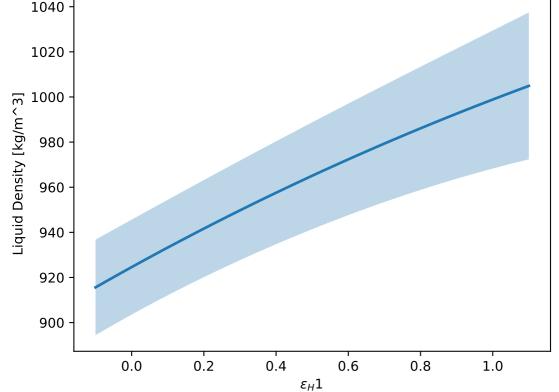
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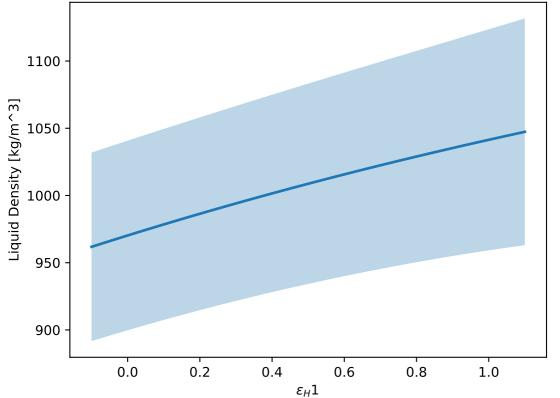
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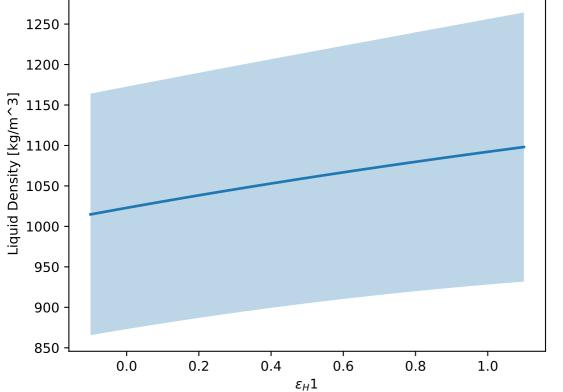


 $\varepsilon_H 1$



 $\varepsilon_H 1$ at T = 280 K. Other vals = 0.80.





1.0

0.2

0.0

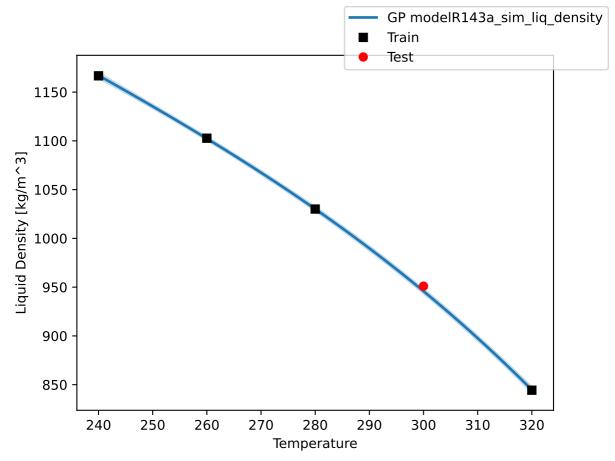
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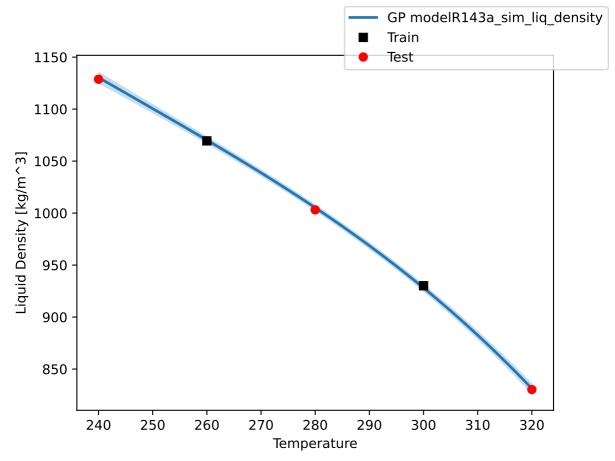
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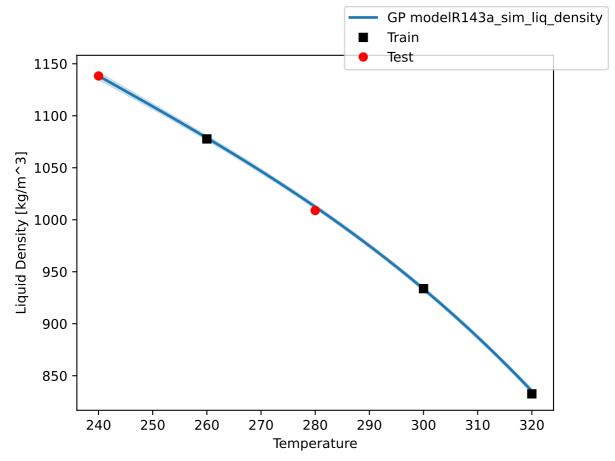
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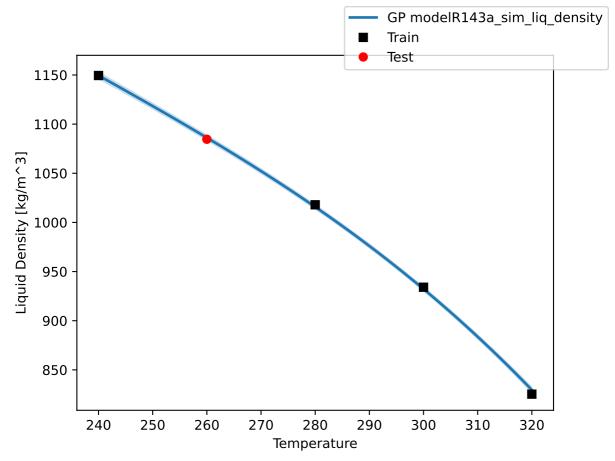
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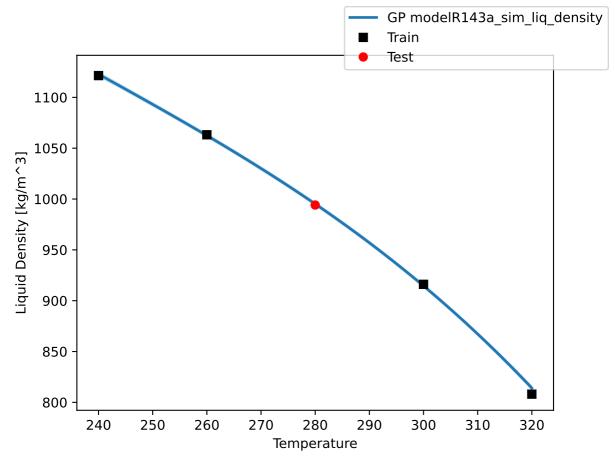
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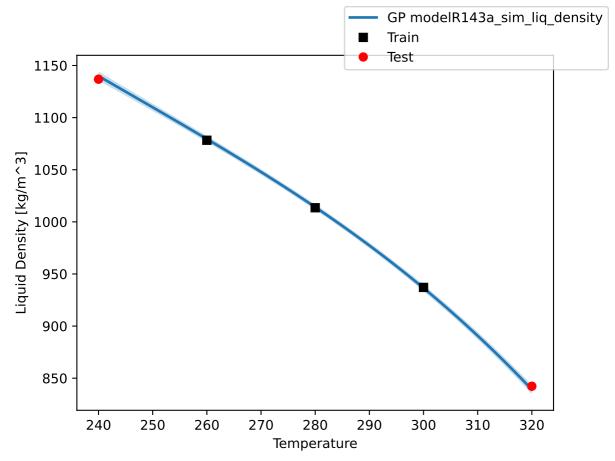


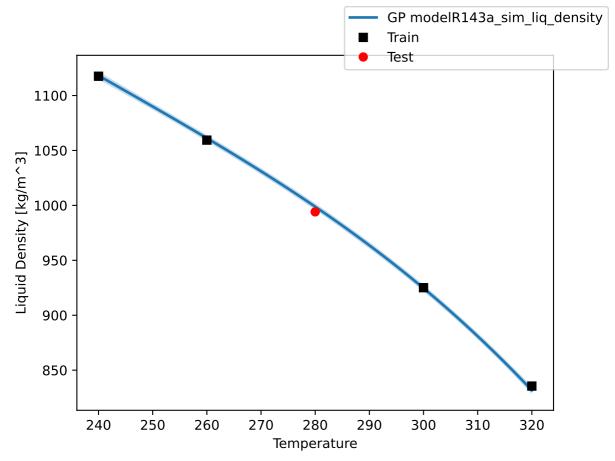


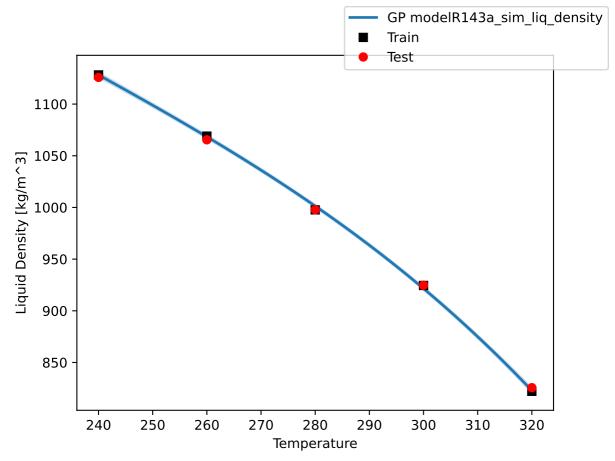


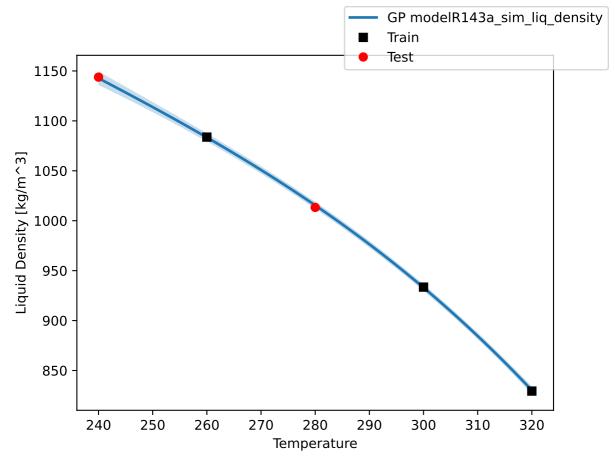


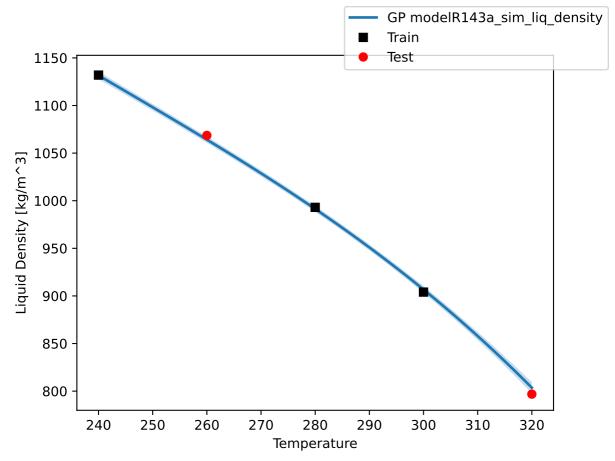


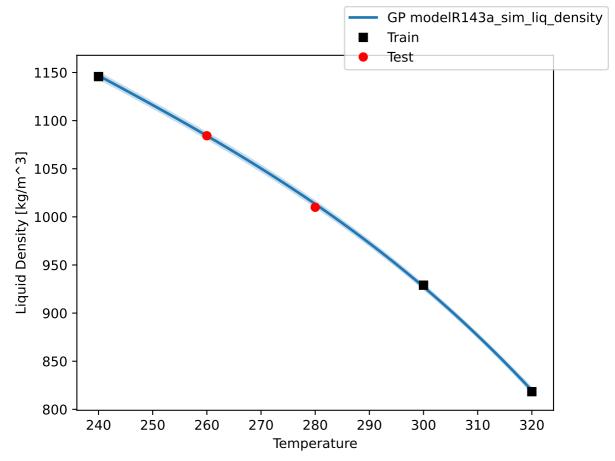


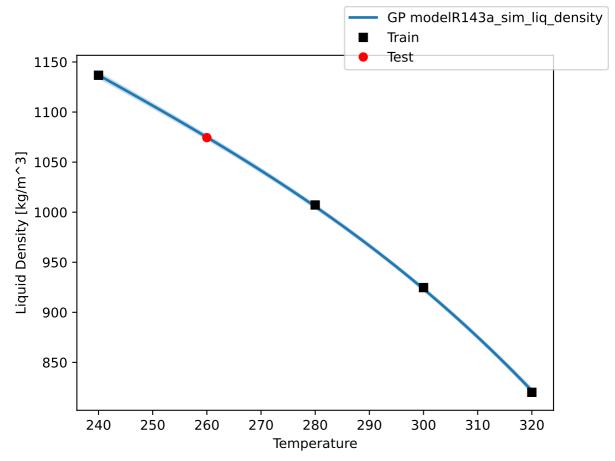


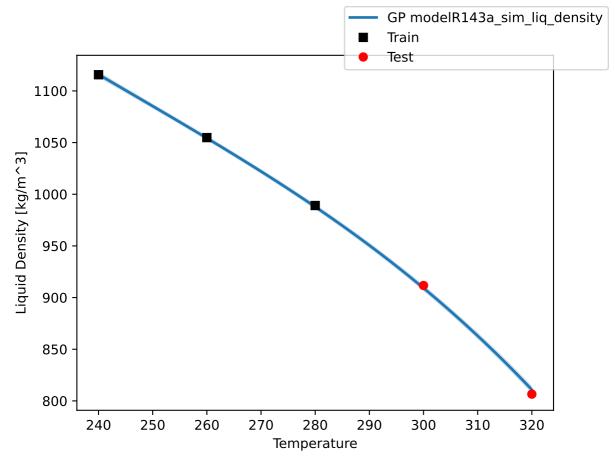


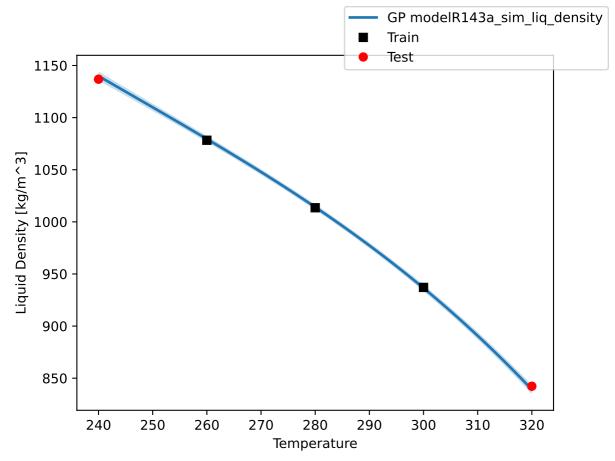


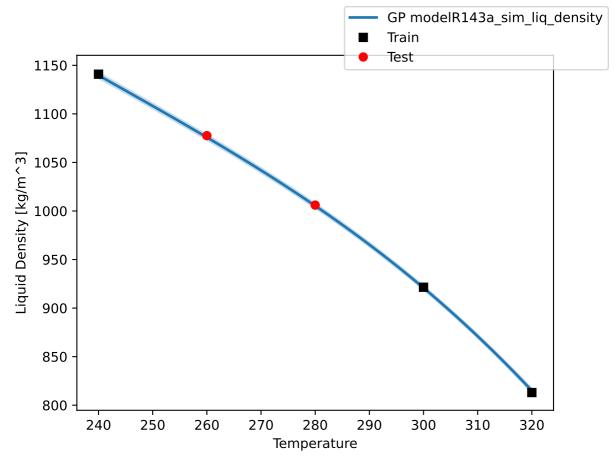


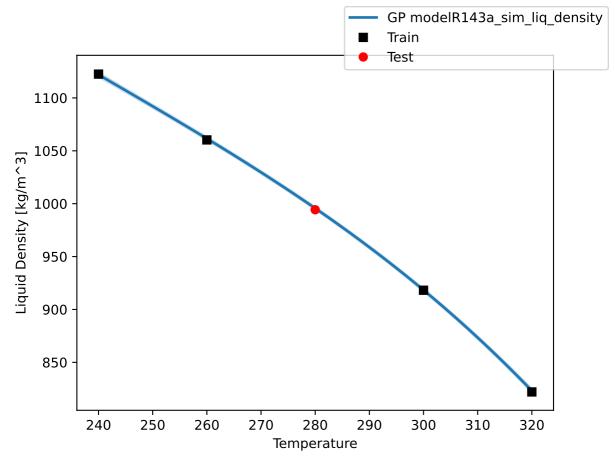


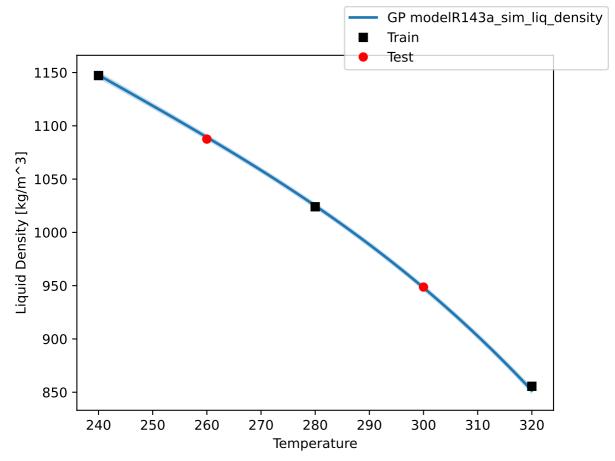


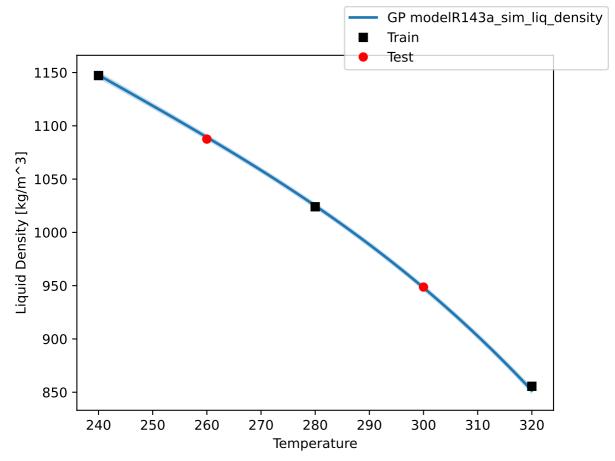


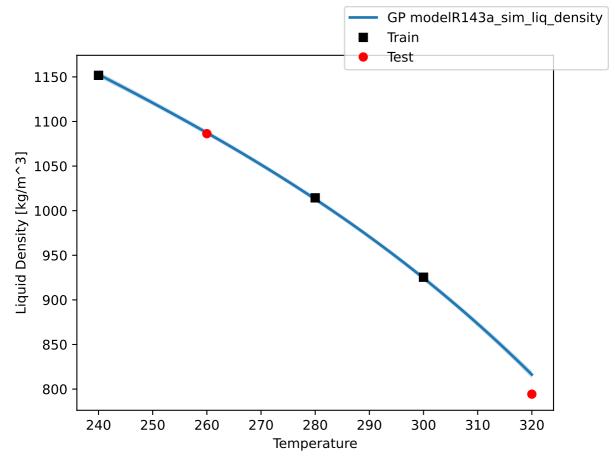


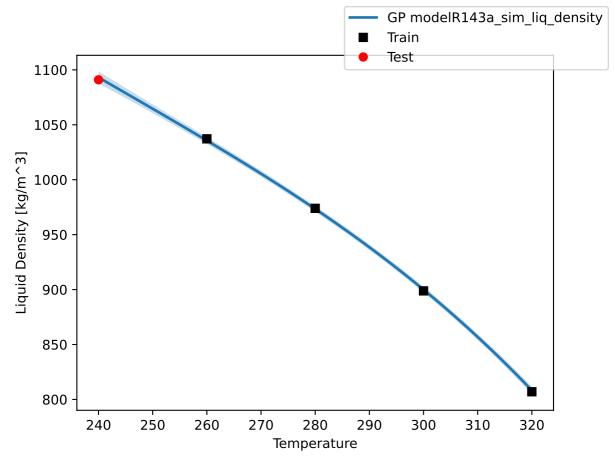


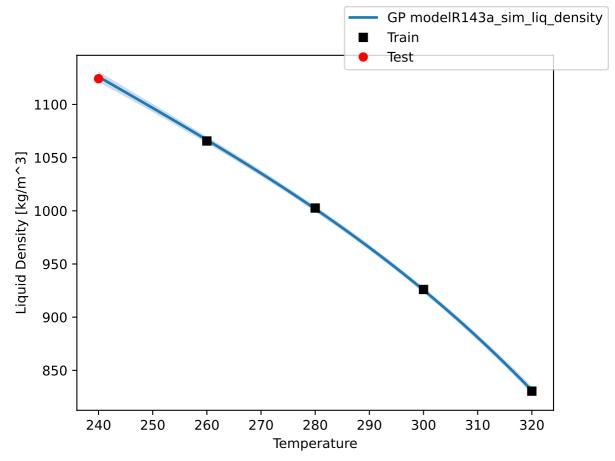


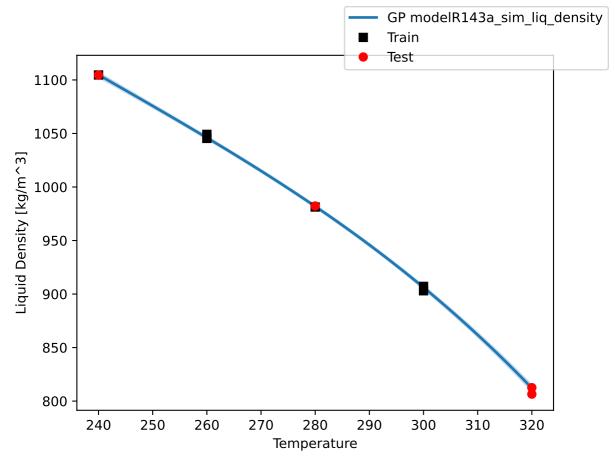


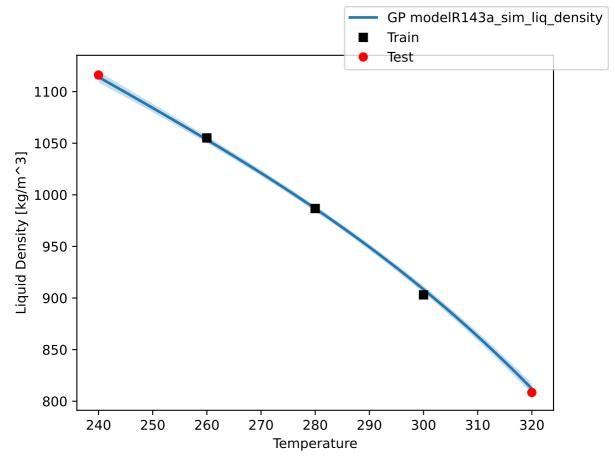


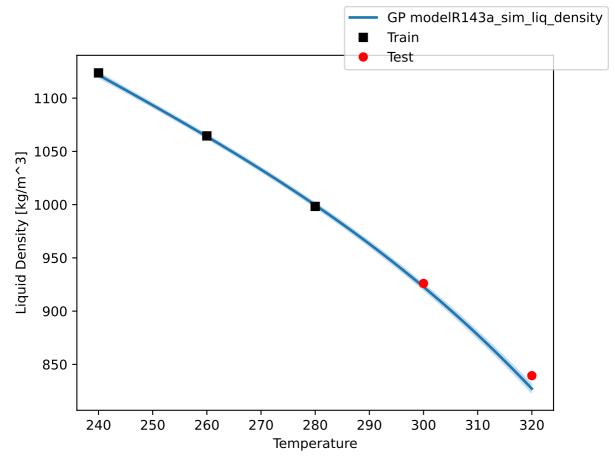


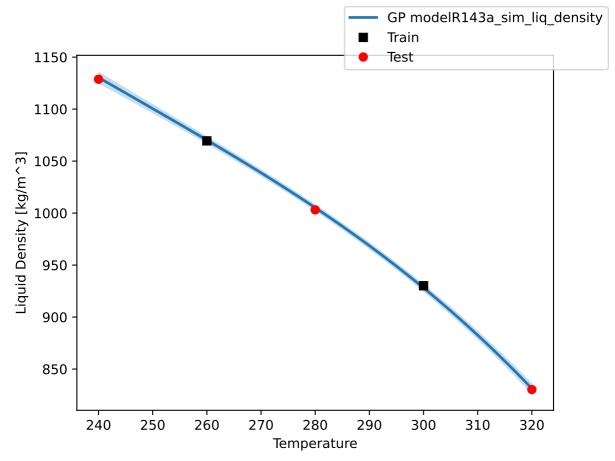


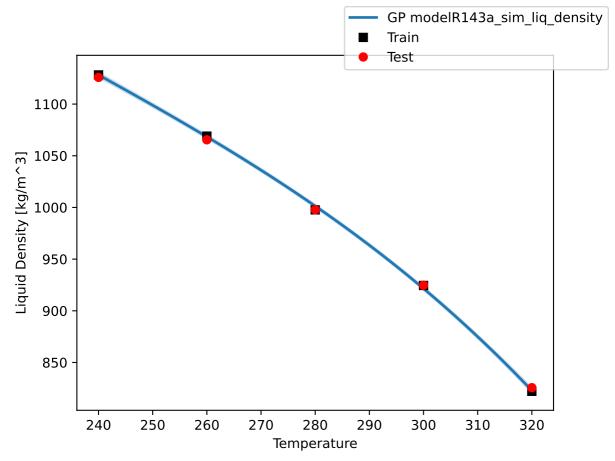


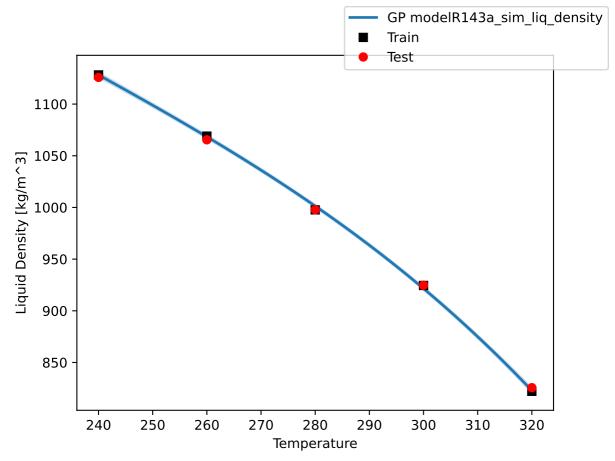


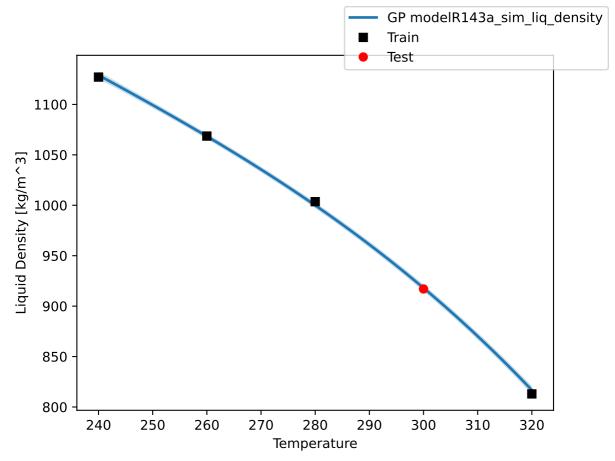


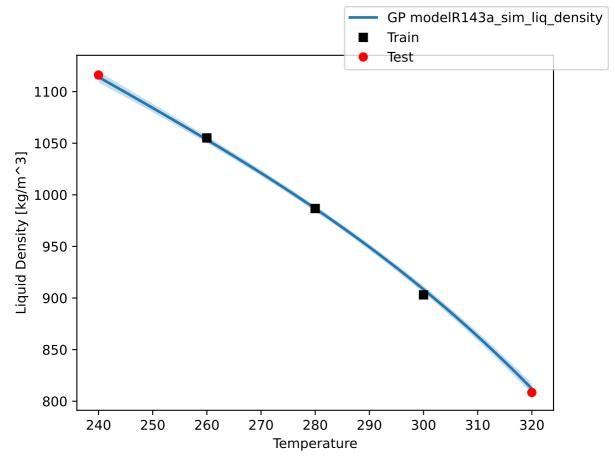


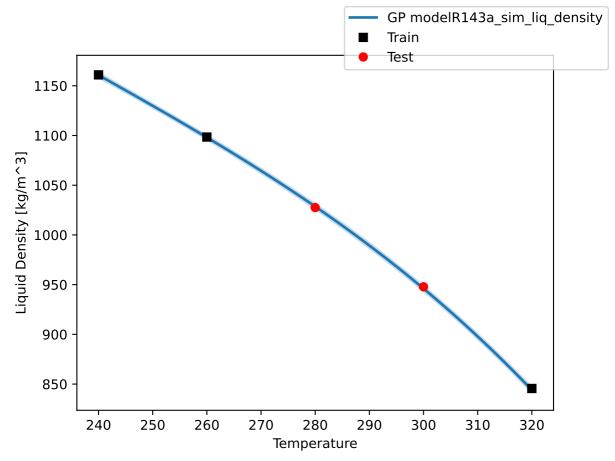


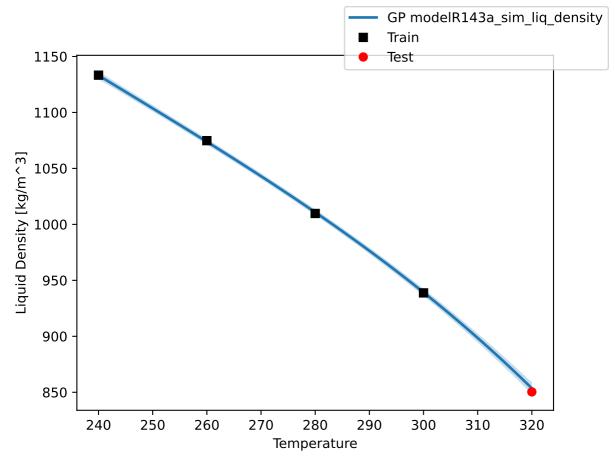


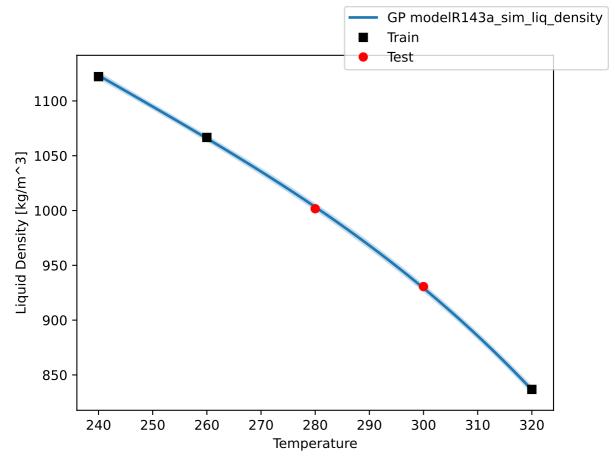


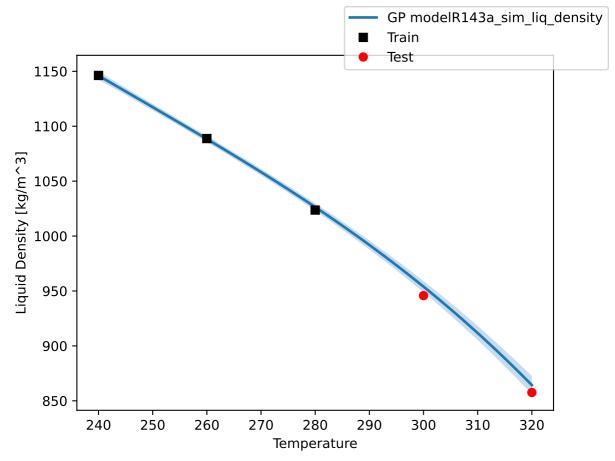


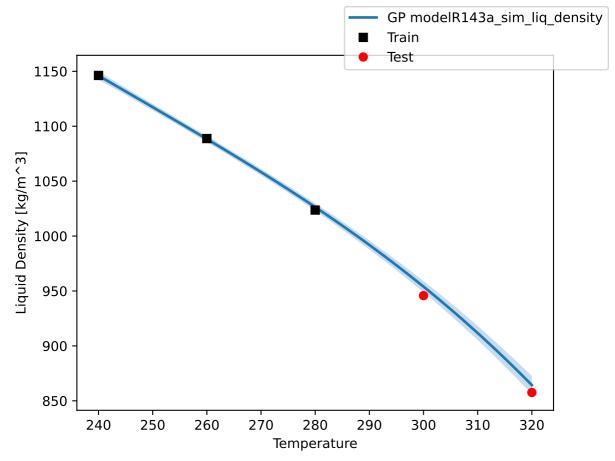


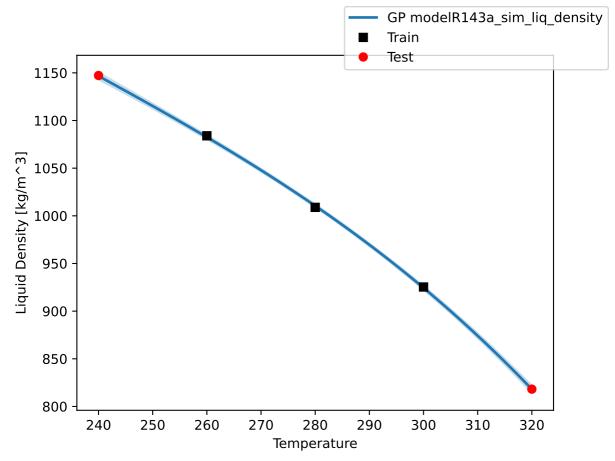


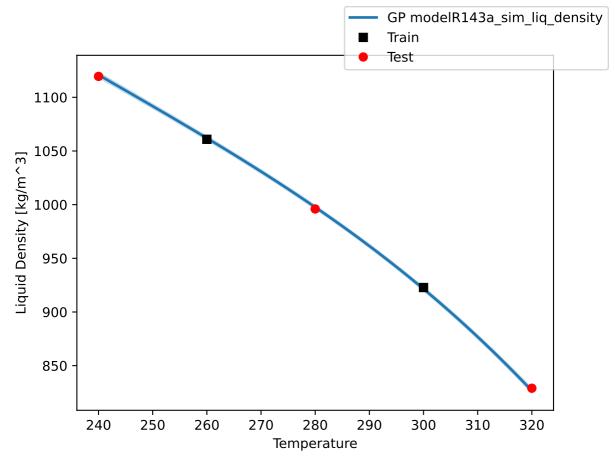


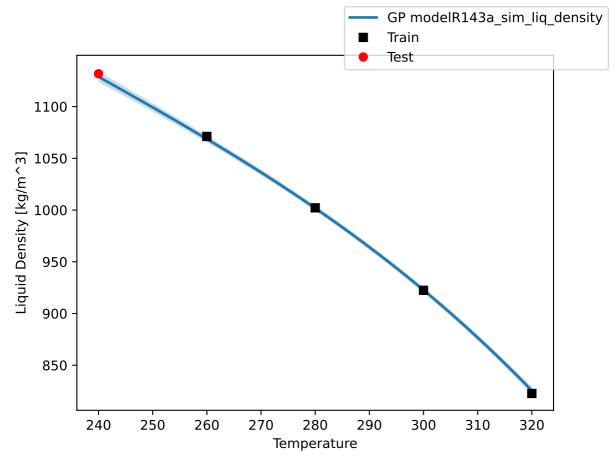


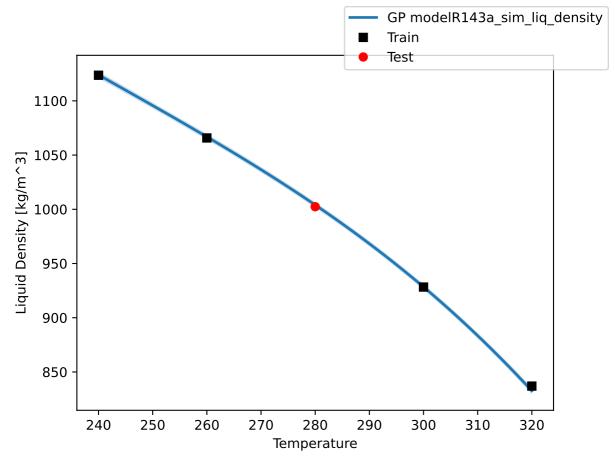


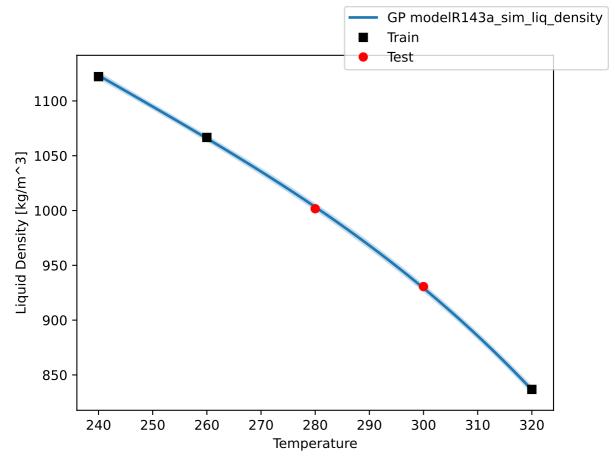


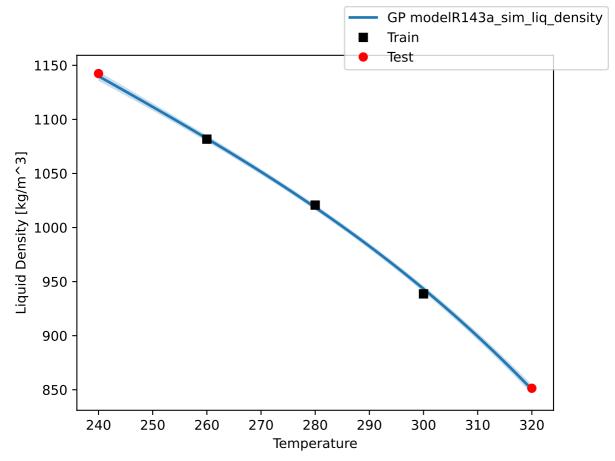


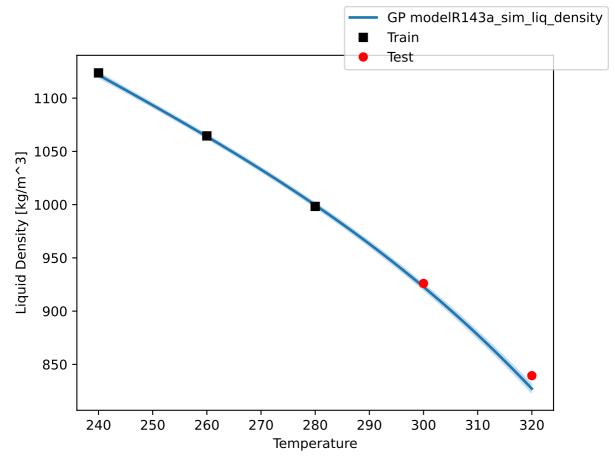


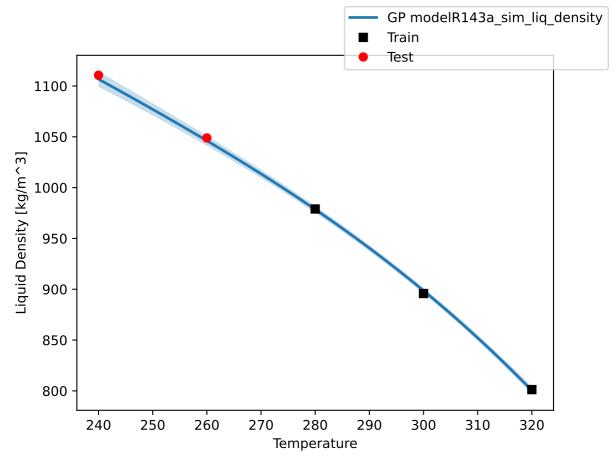


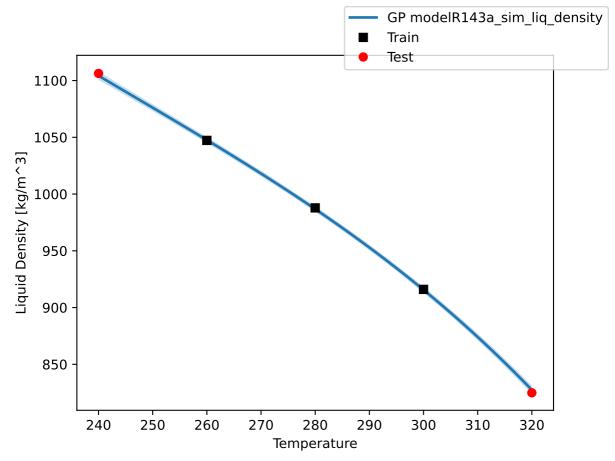


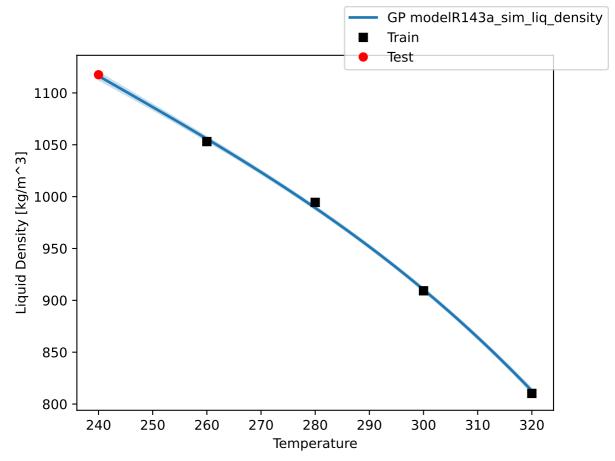


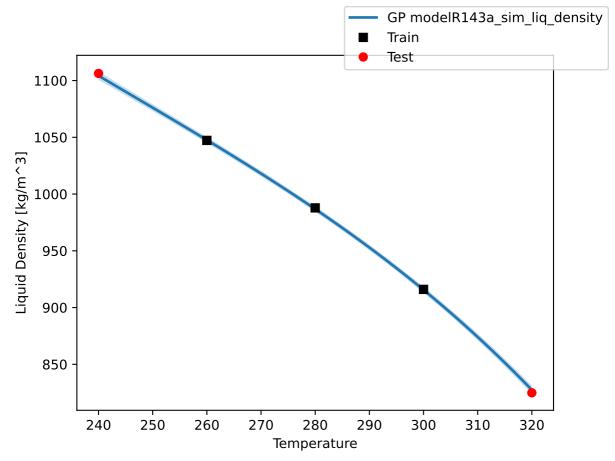


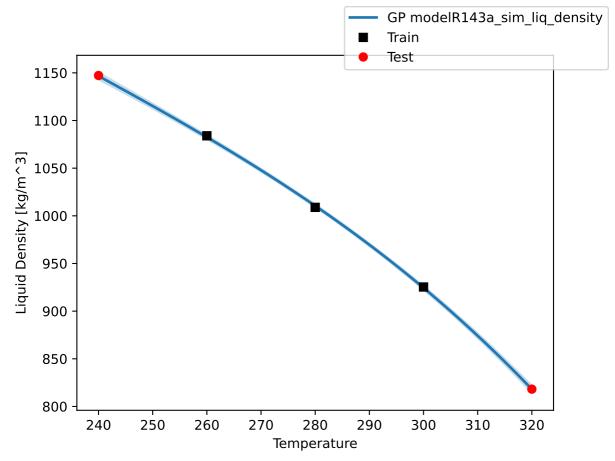


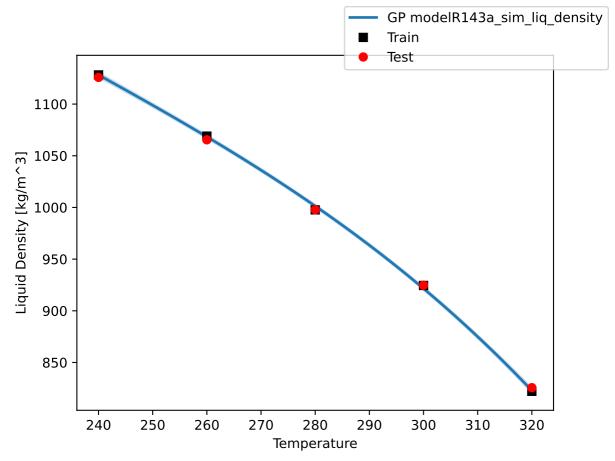


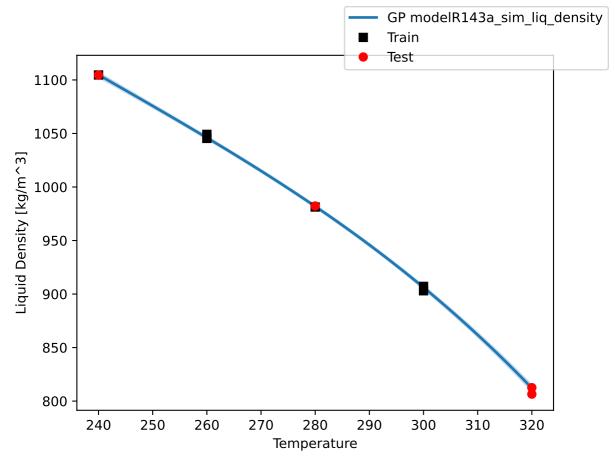


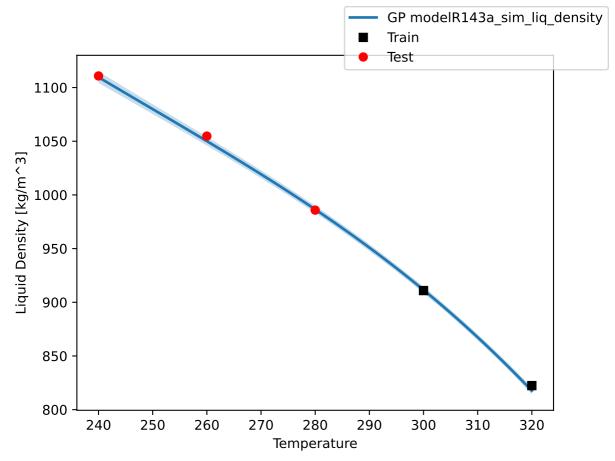


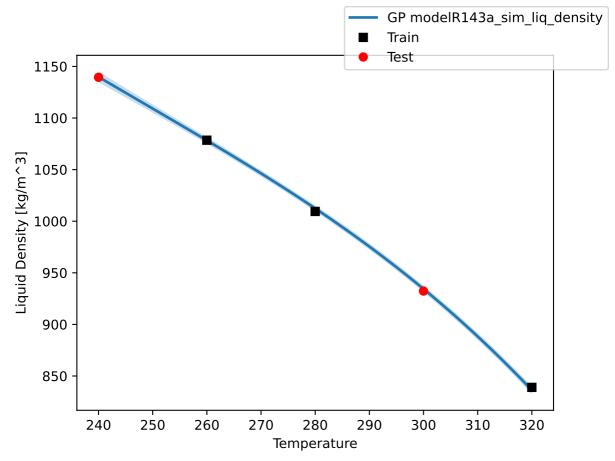


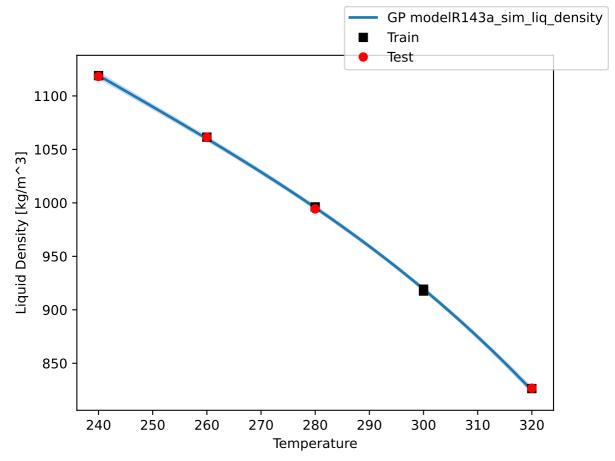


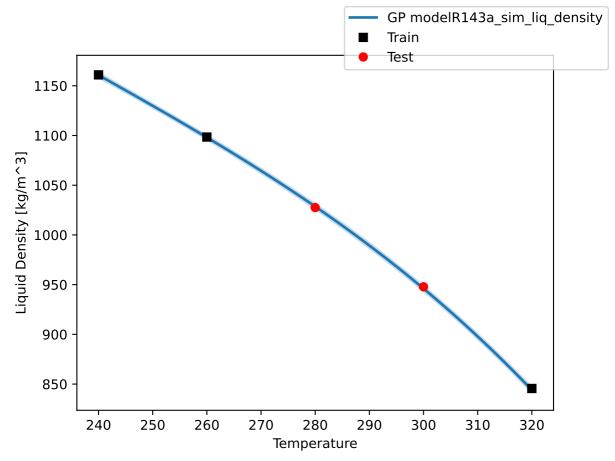


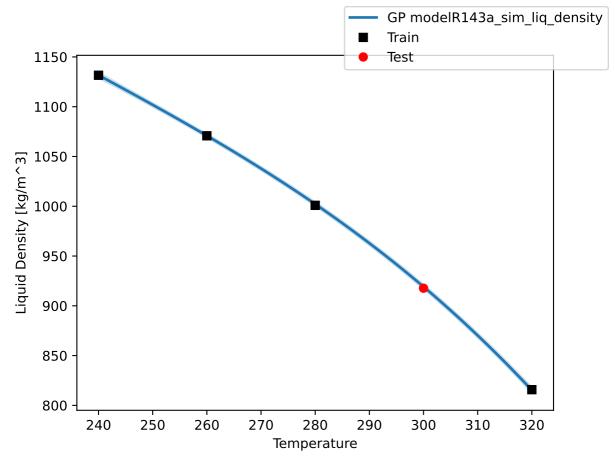


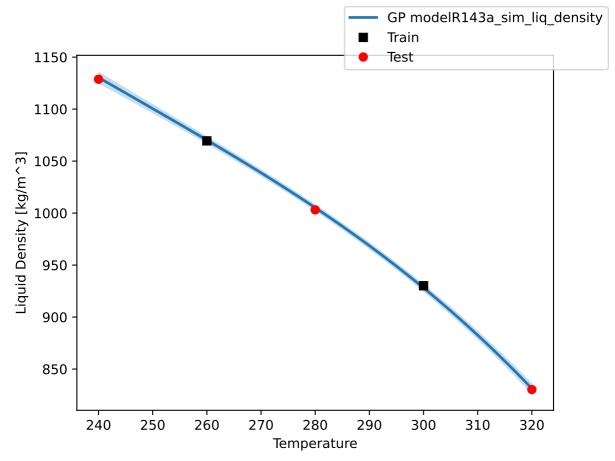


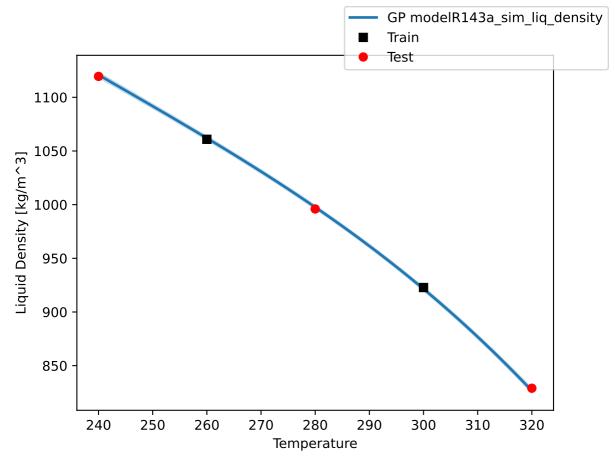


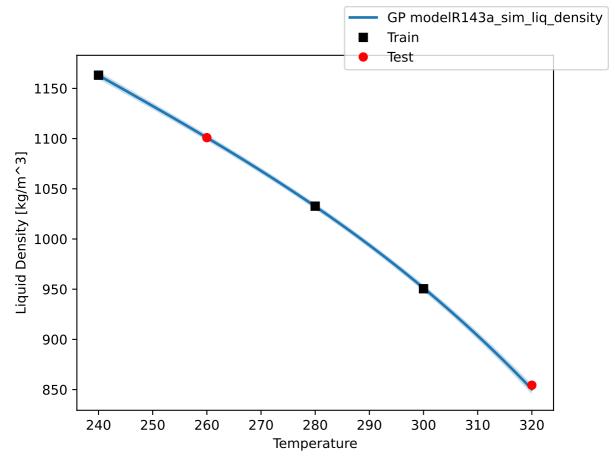


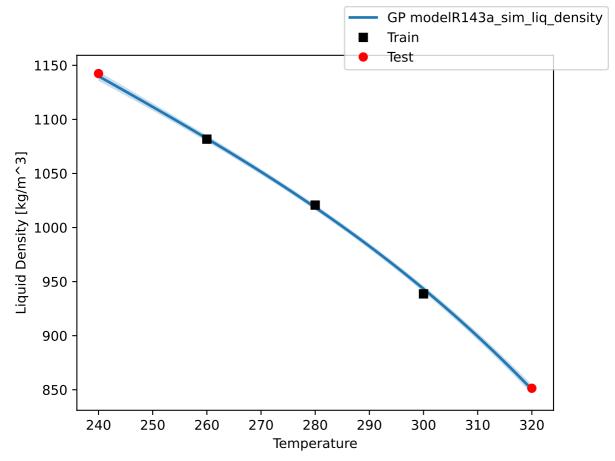


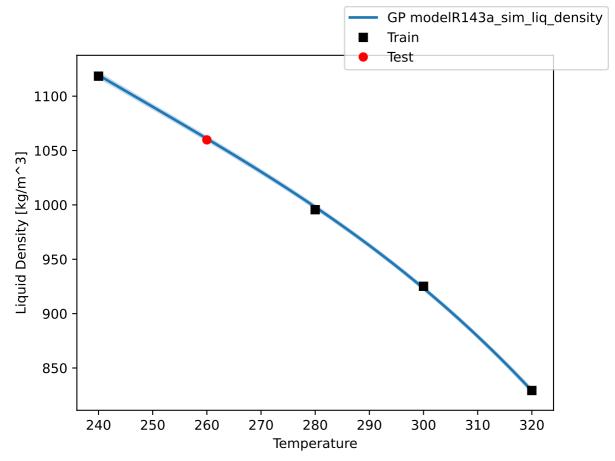


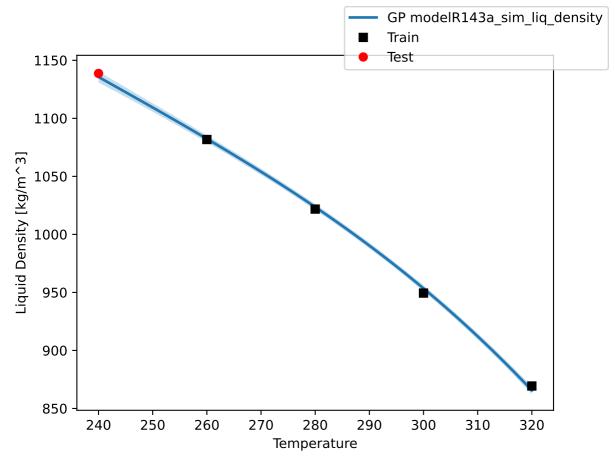


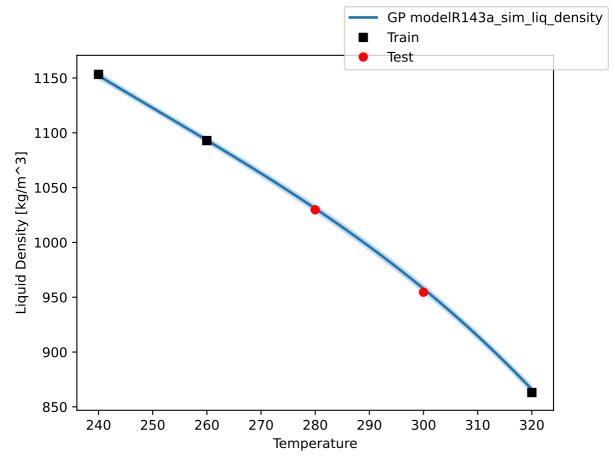


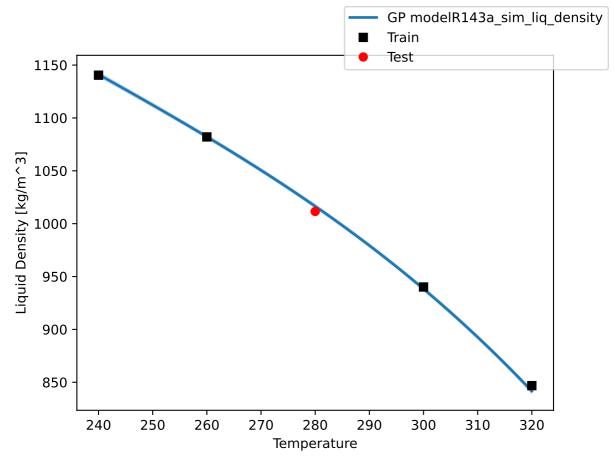


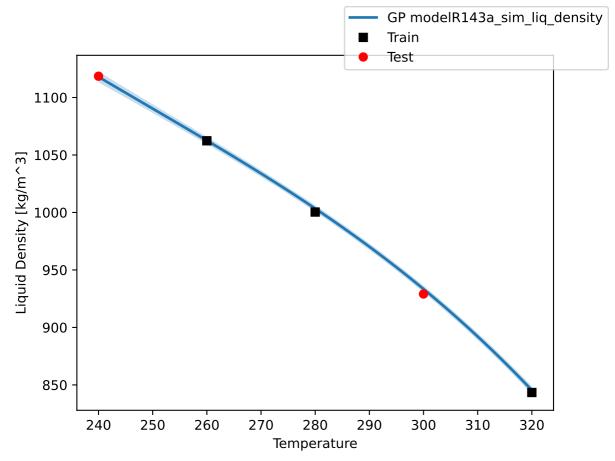


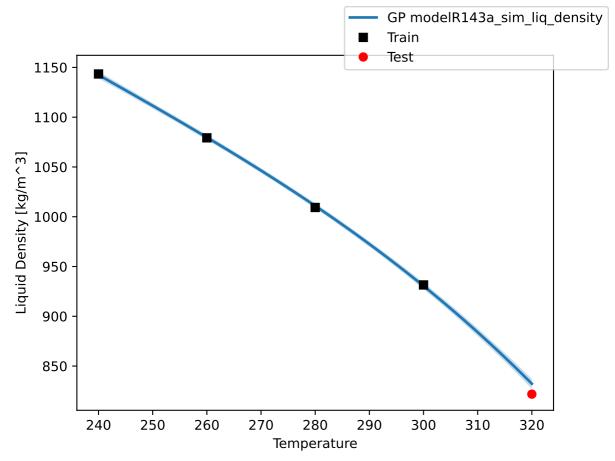


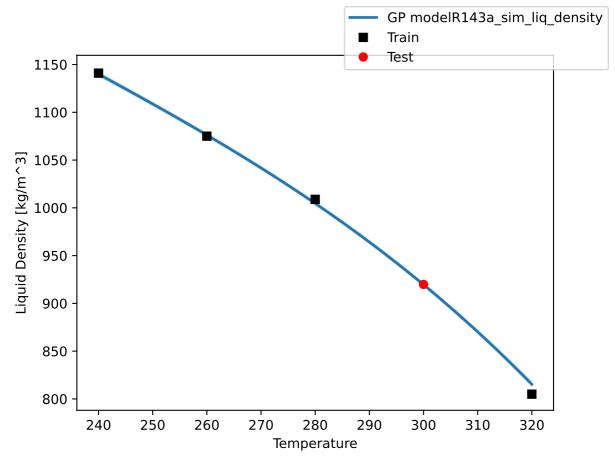


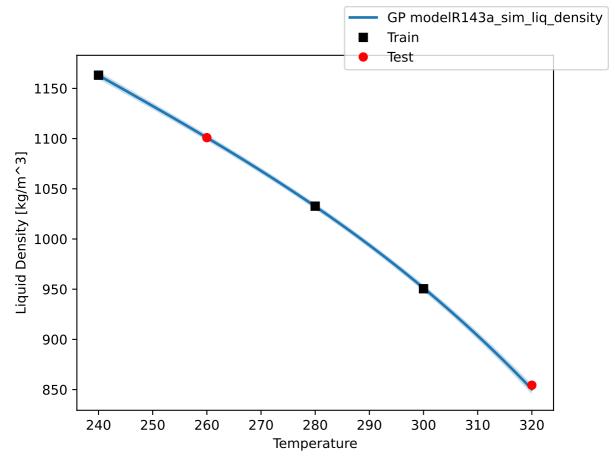


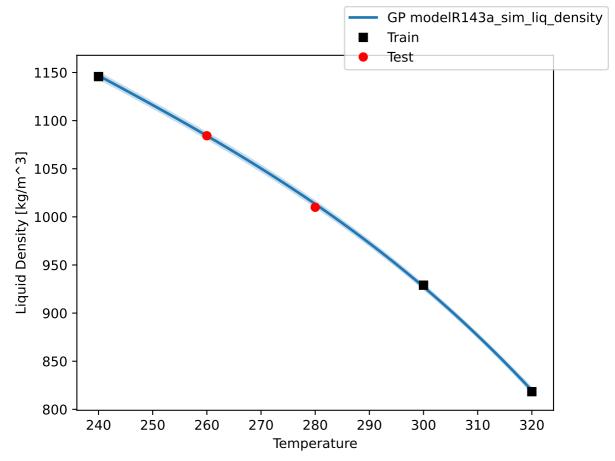


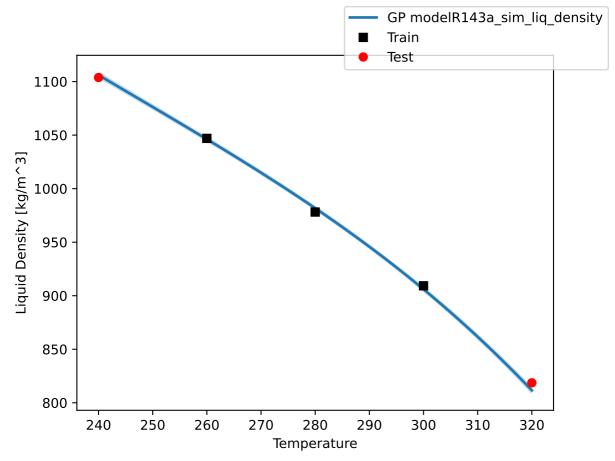


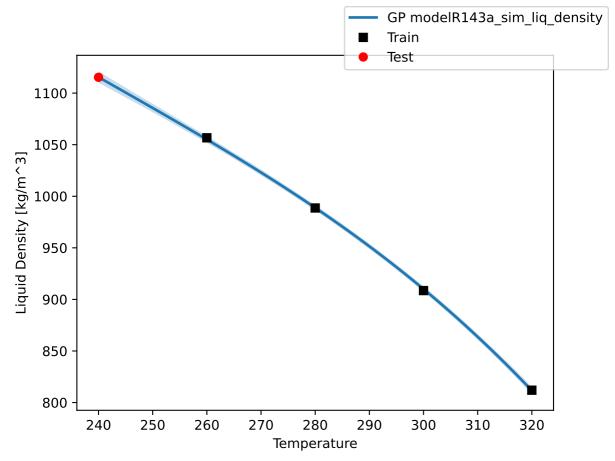


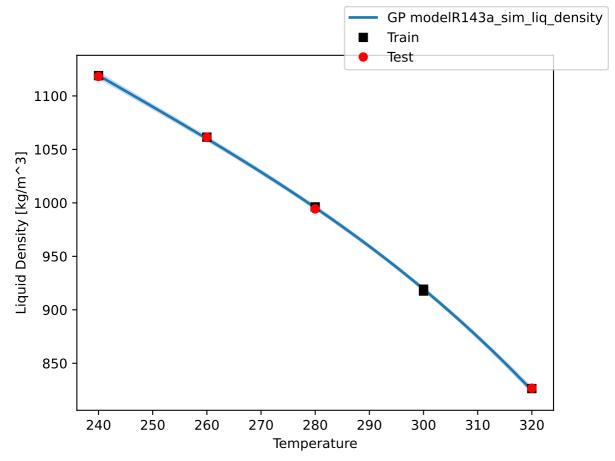


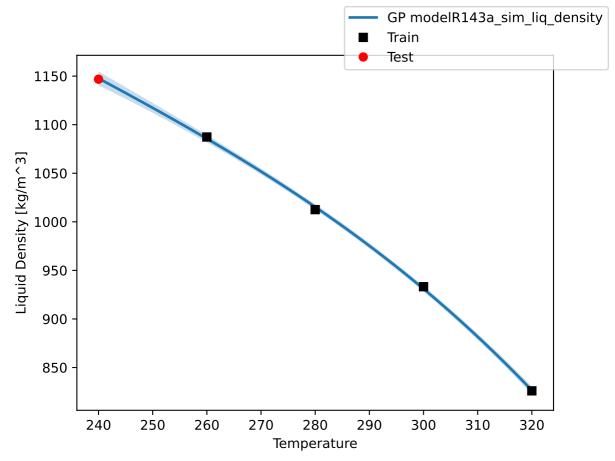


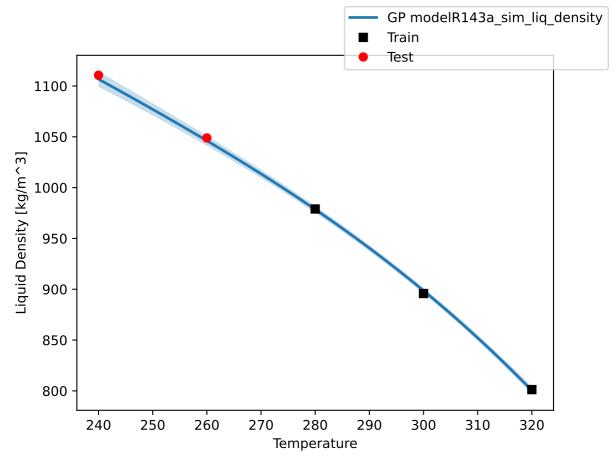


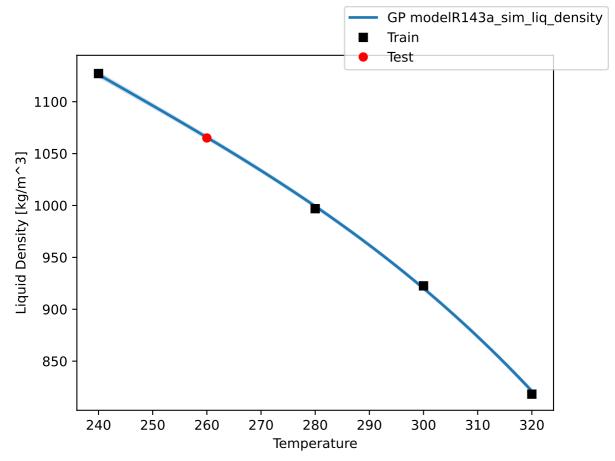


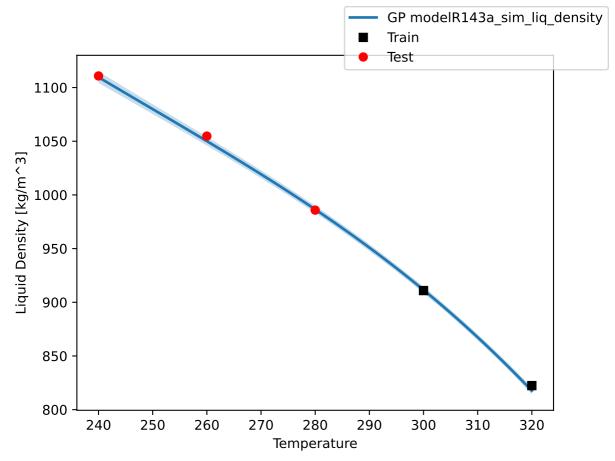


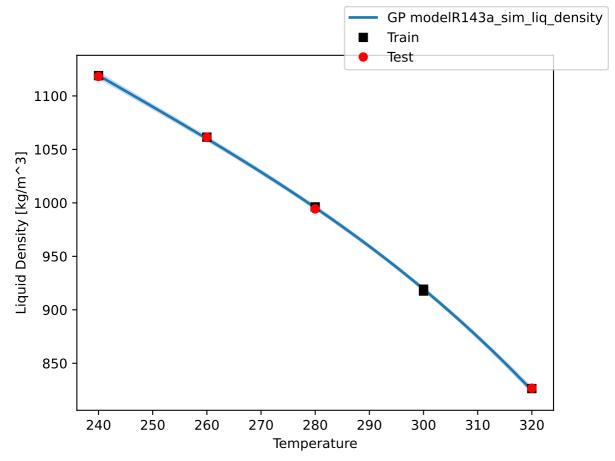


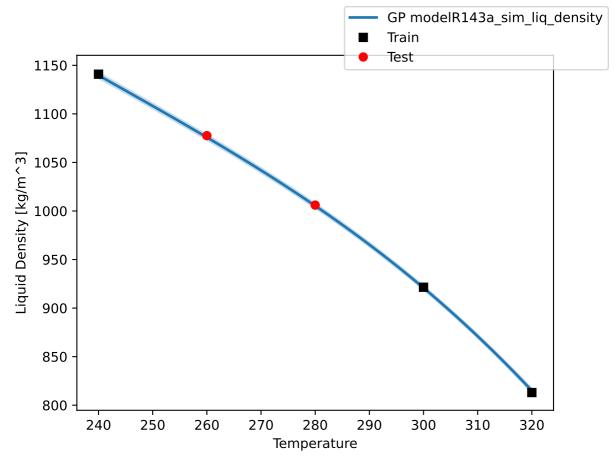


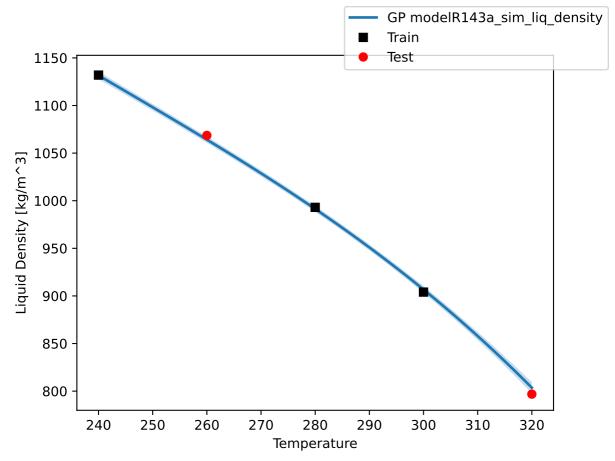


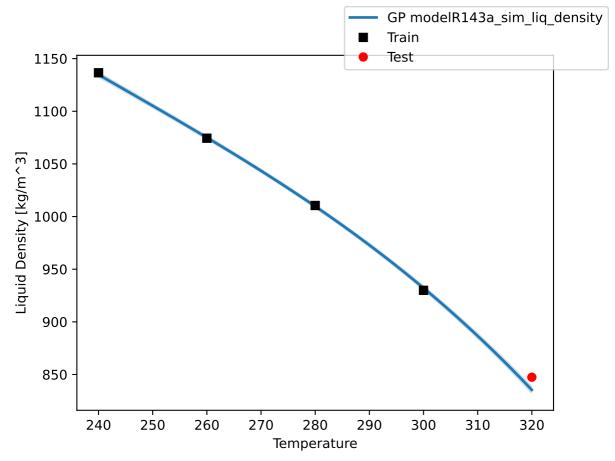


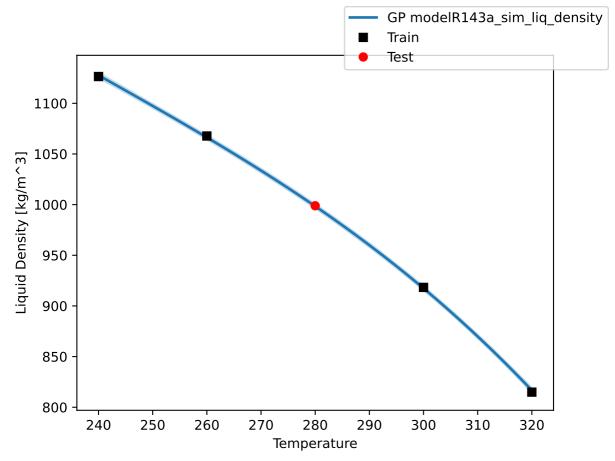


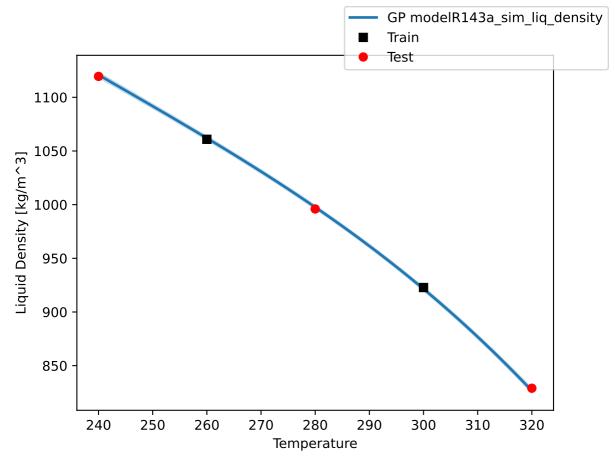


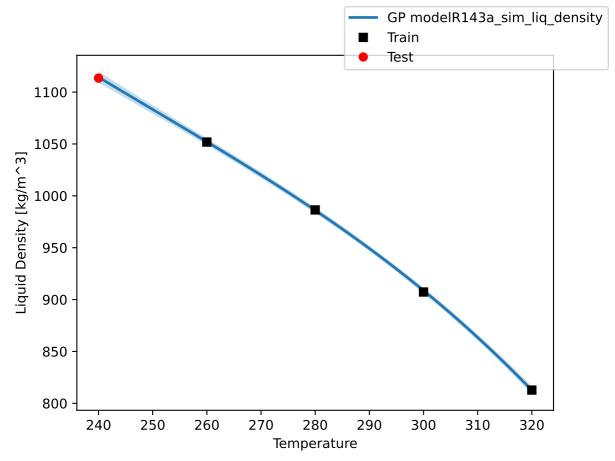


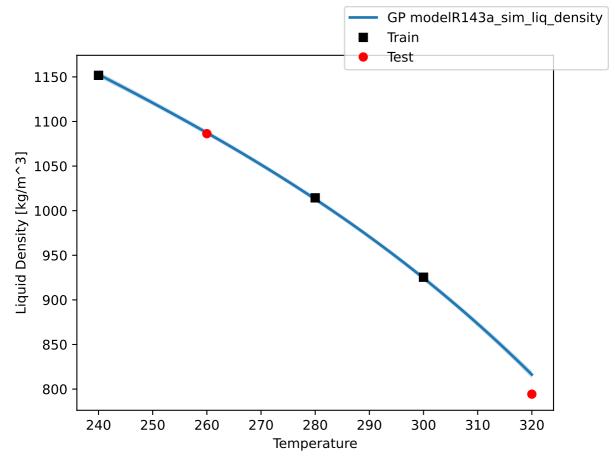


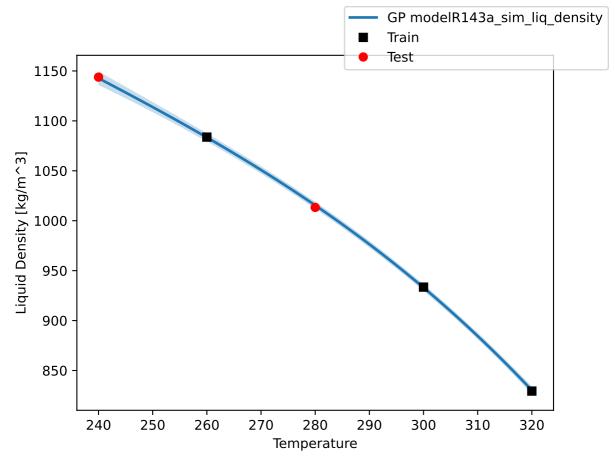


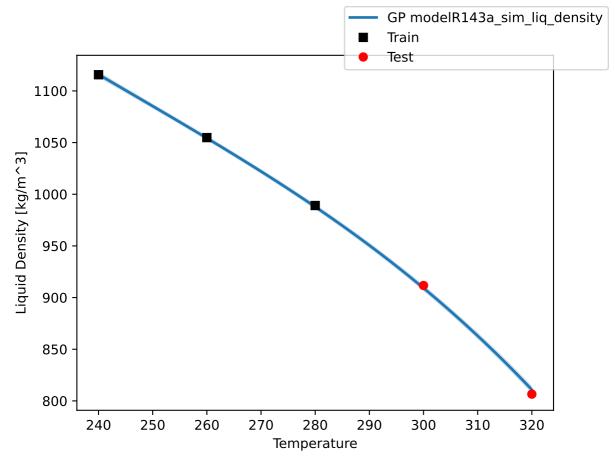


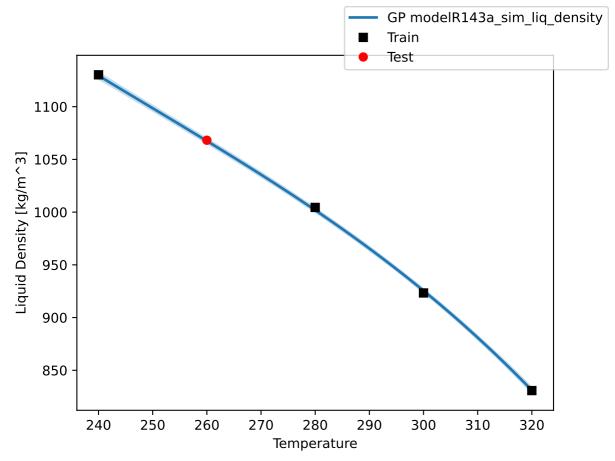


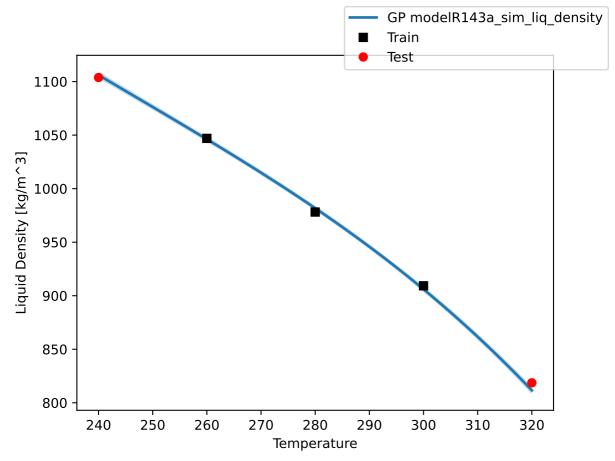


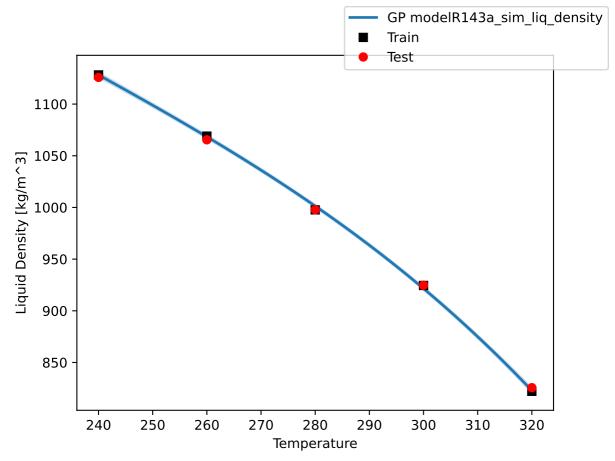


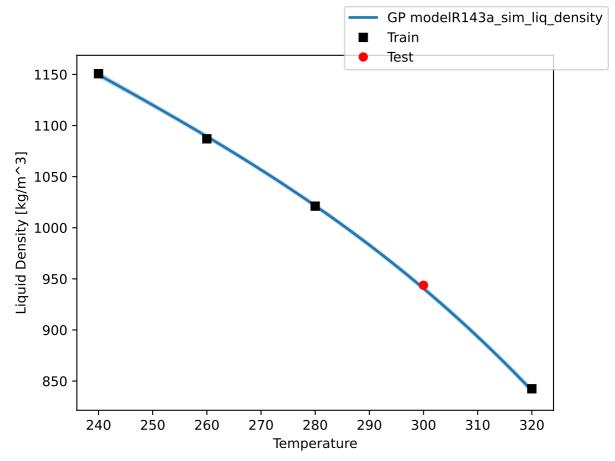


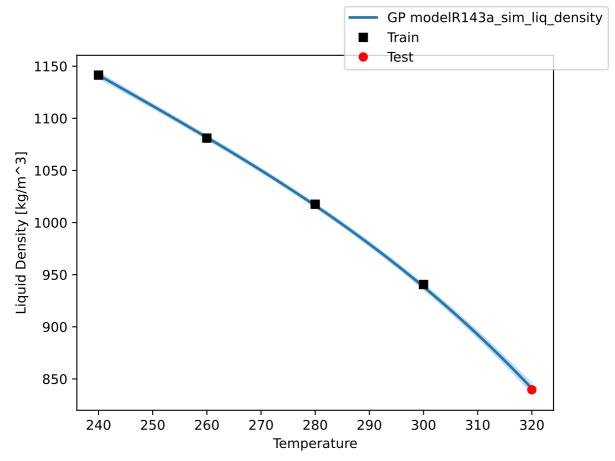


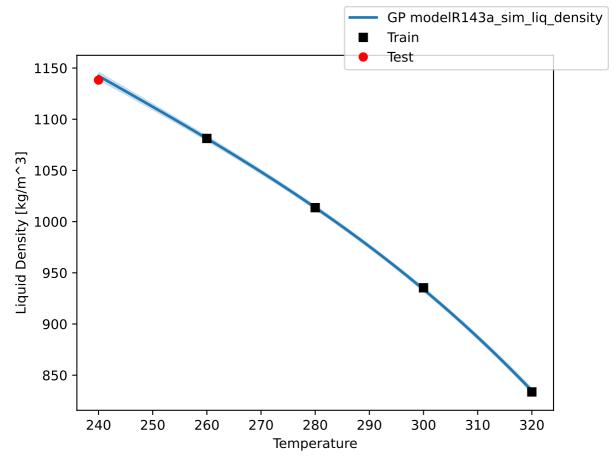


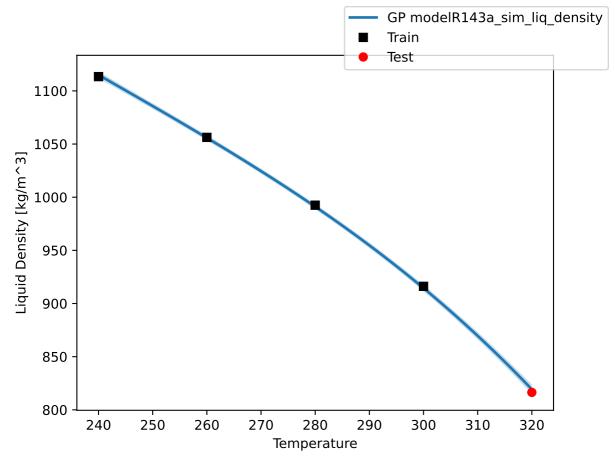


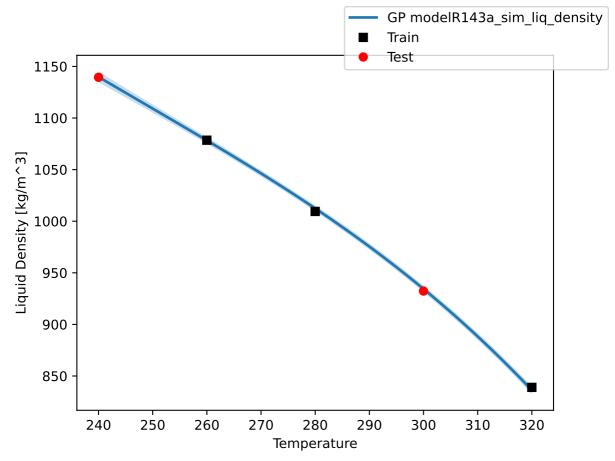


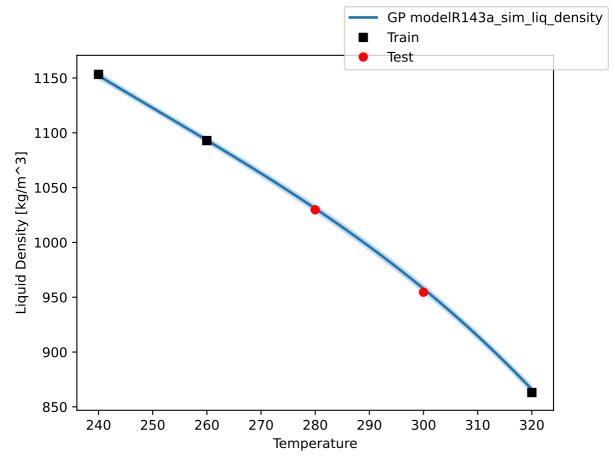


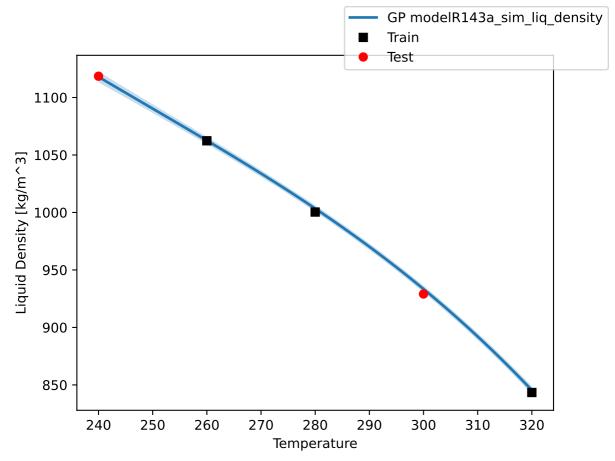


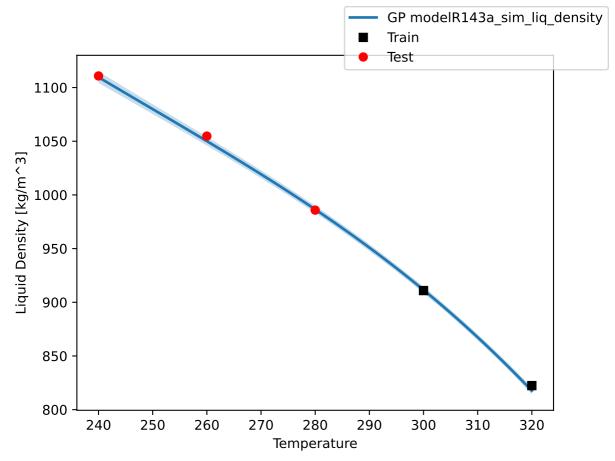


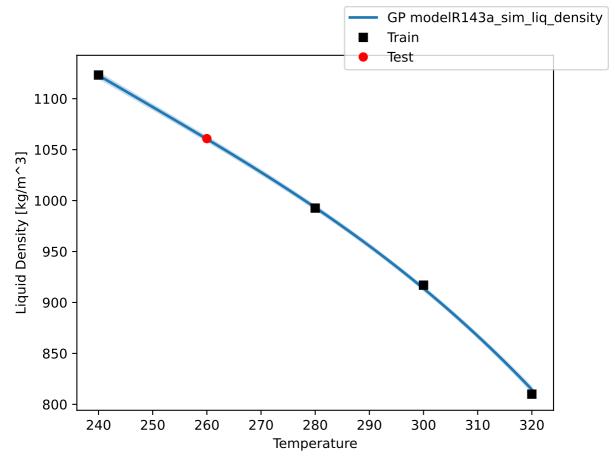


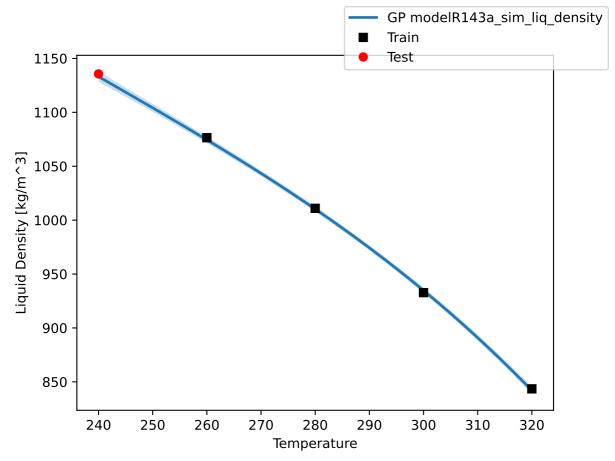


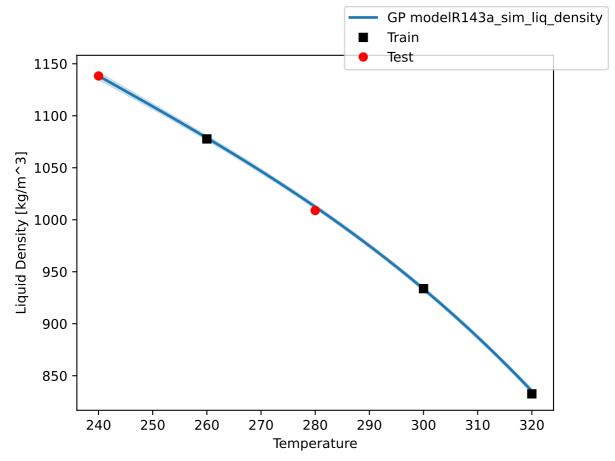


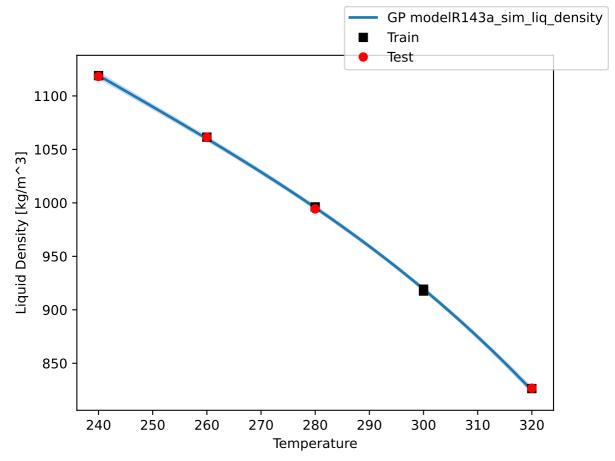


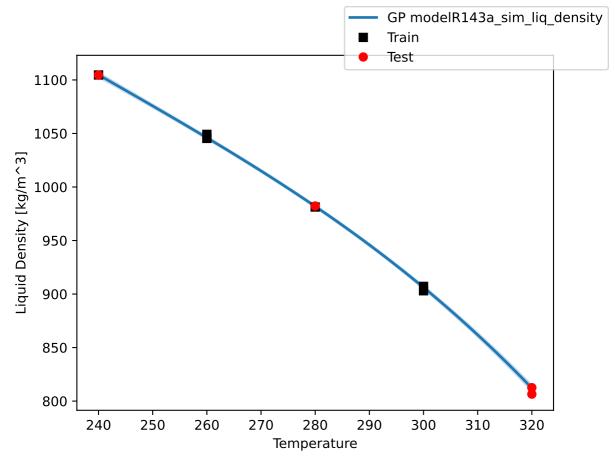


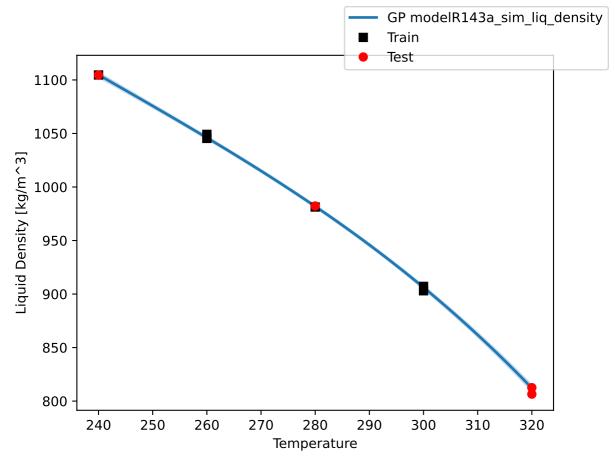


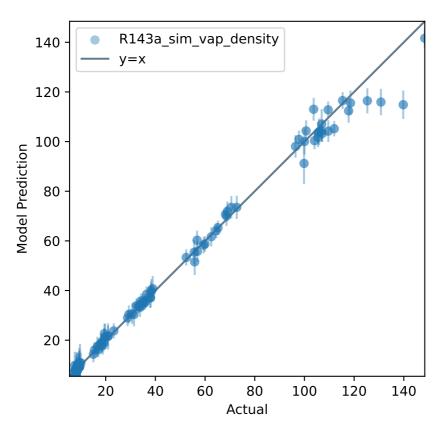


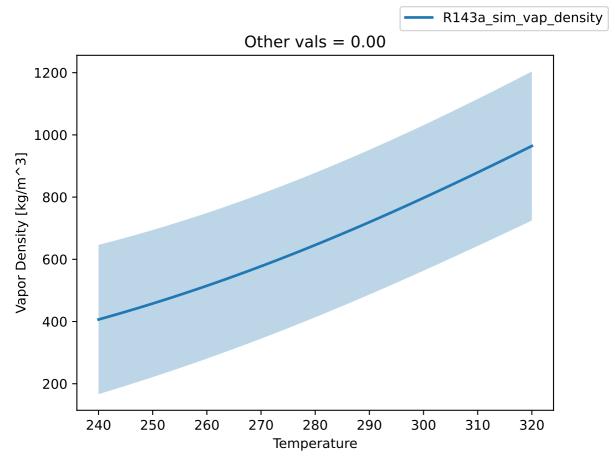


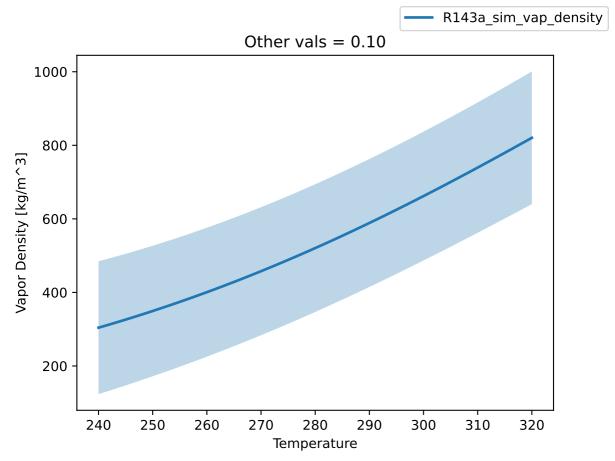


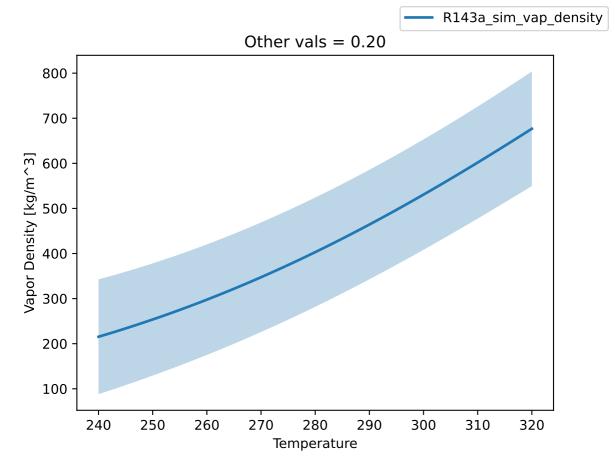


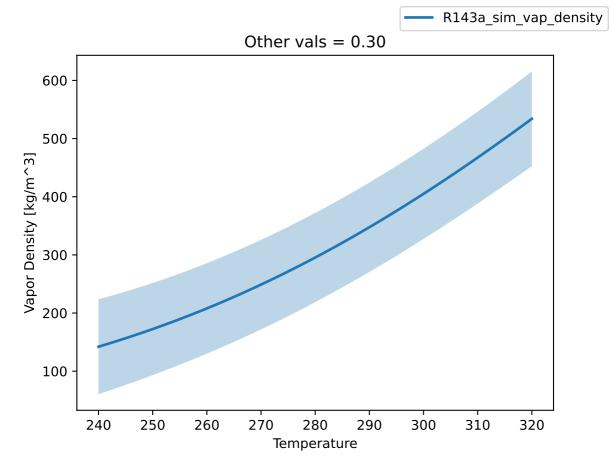


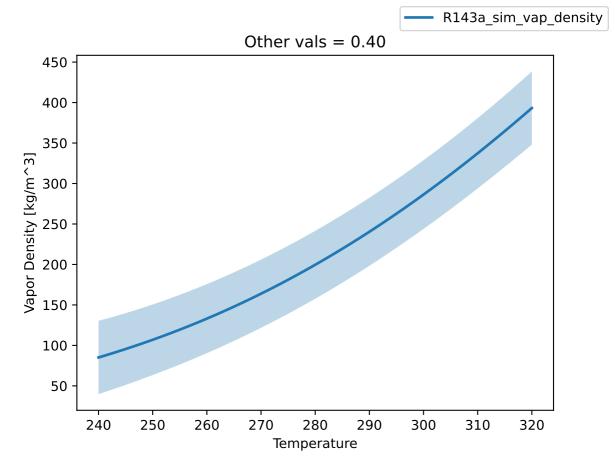


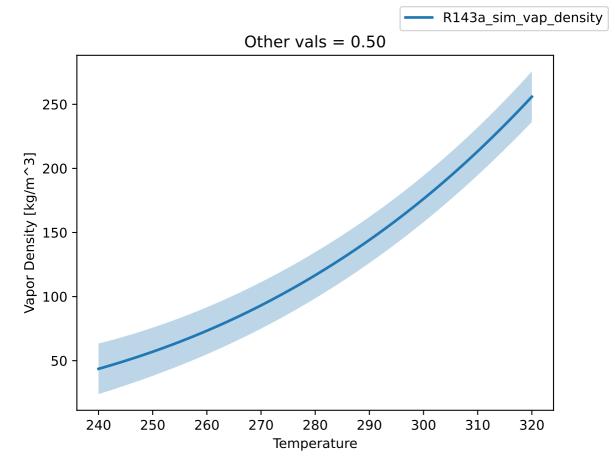


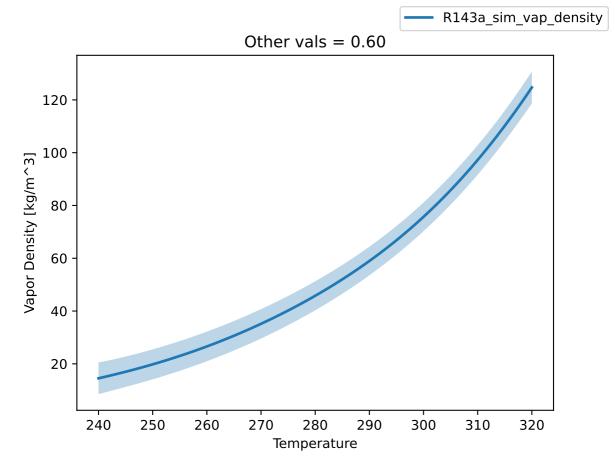


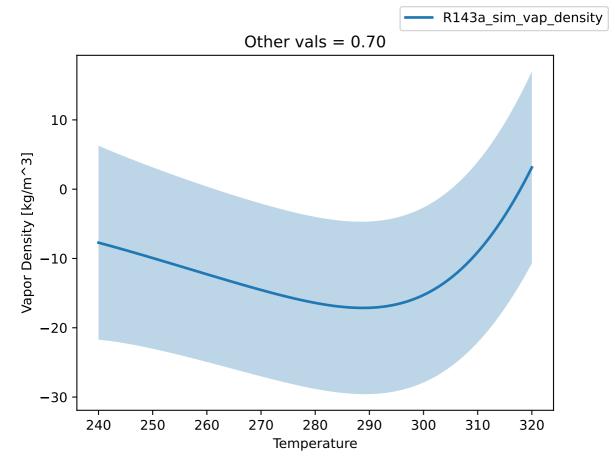


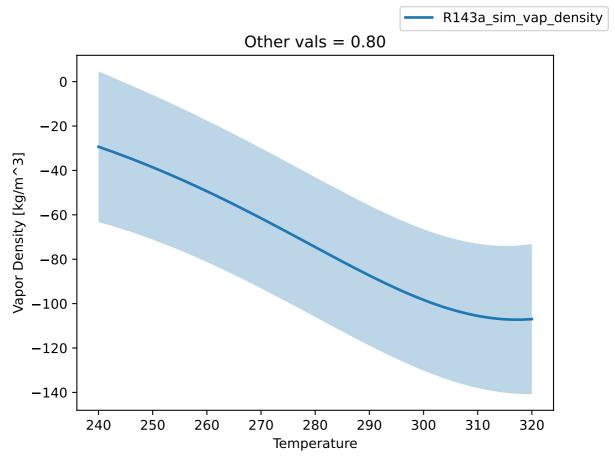


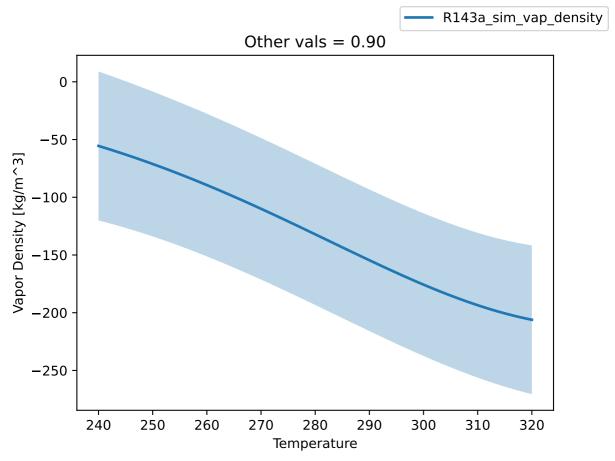


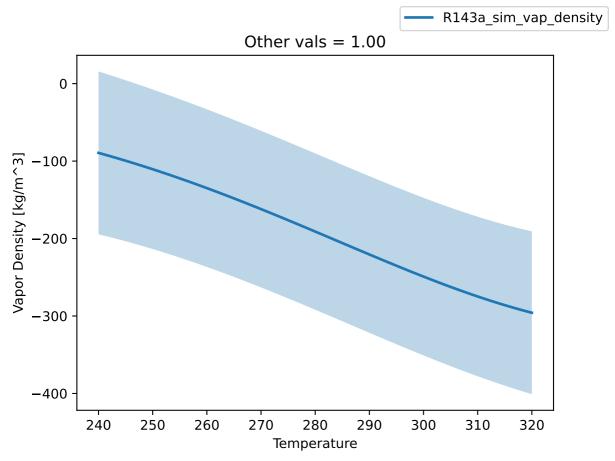


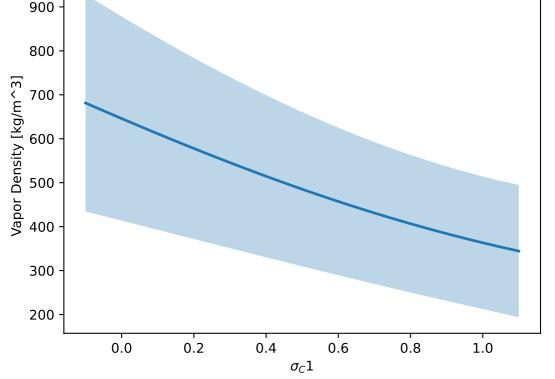




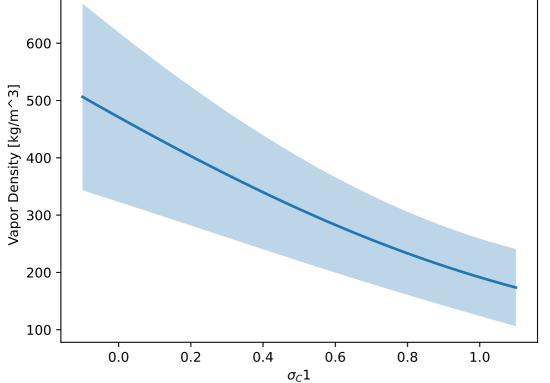


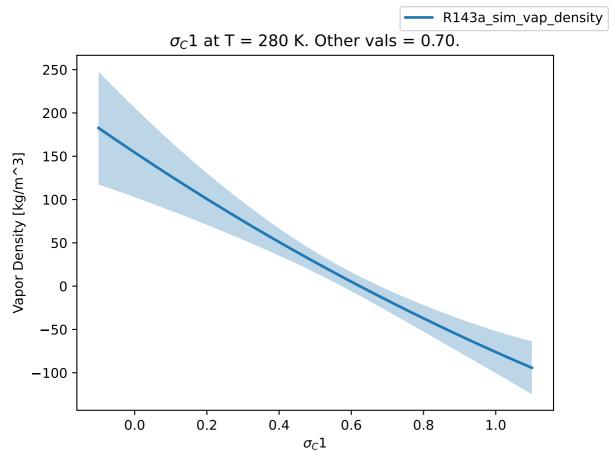


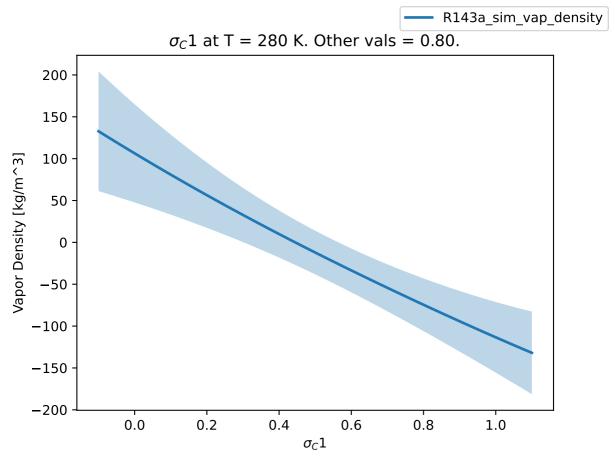


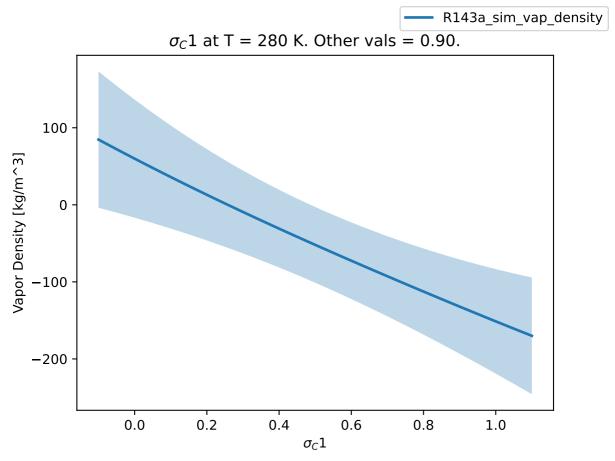


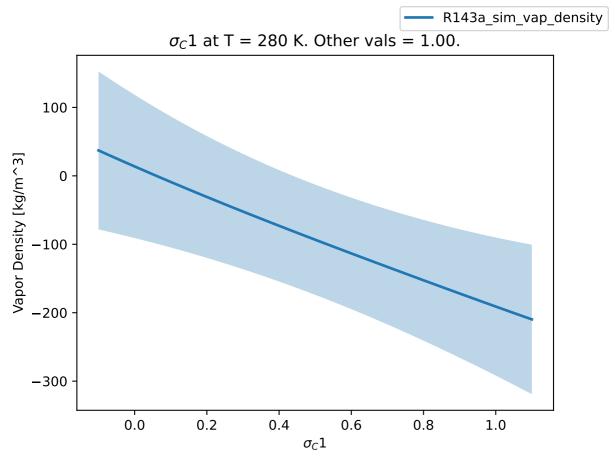
 $\sigma_C 1$











0.2

0.0

0.4

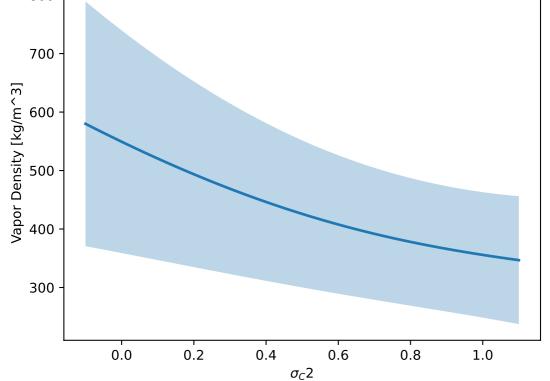
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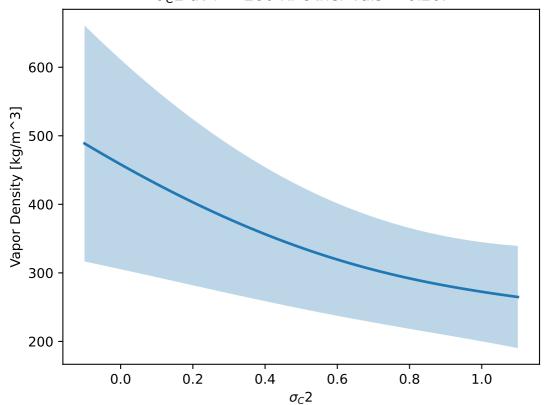
 σ_C 2

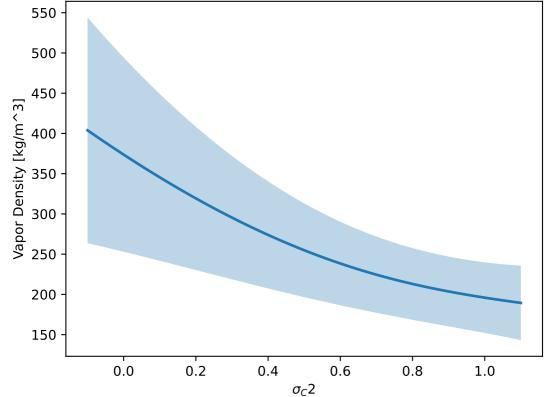
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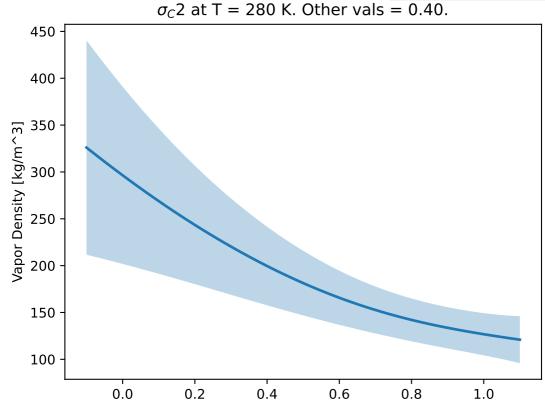
0.8

300

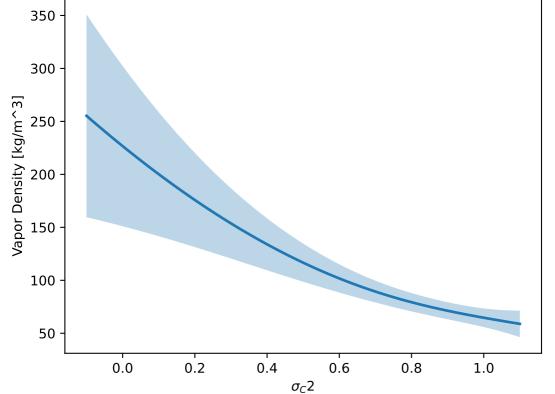


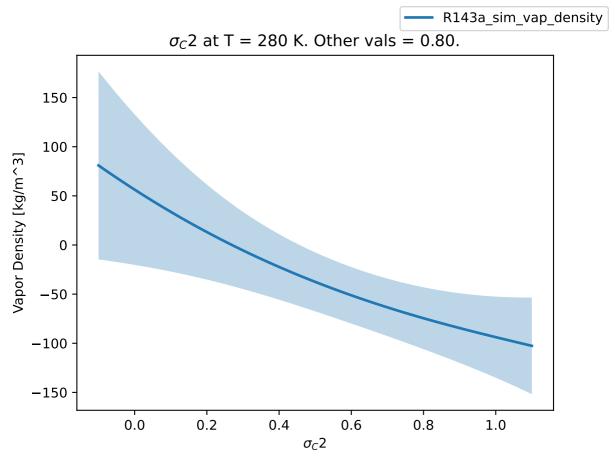


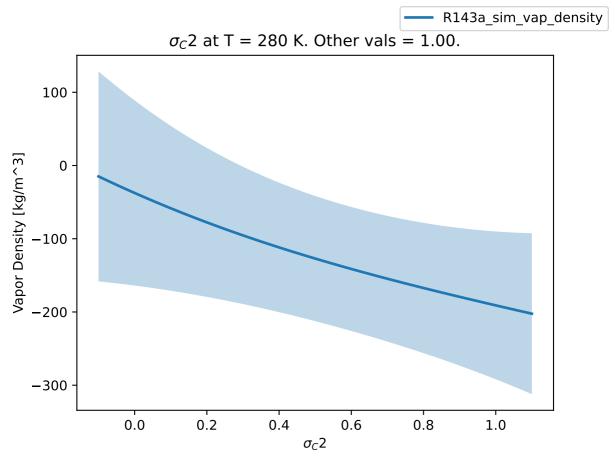




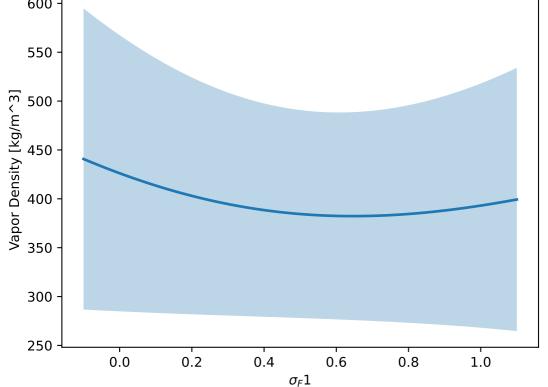
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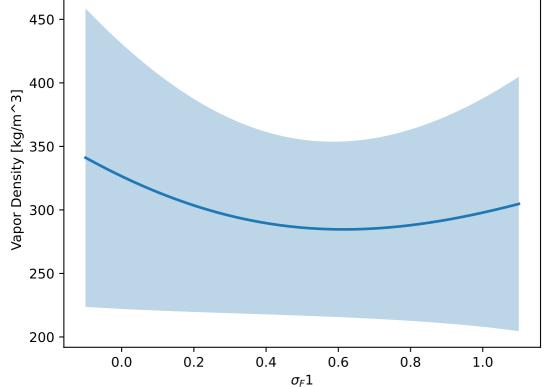


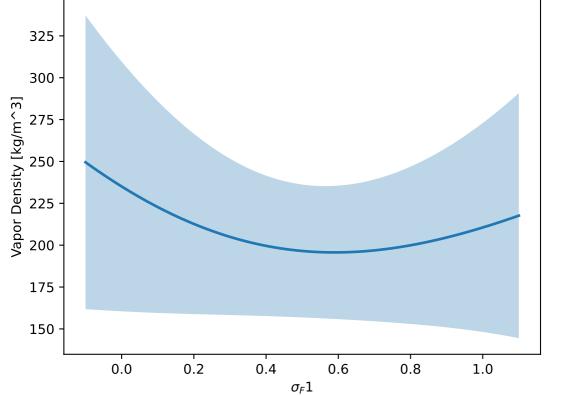


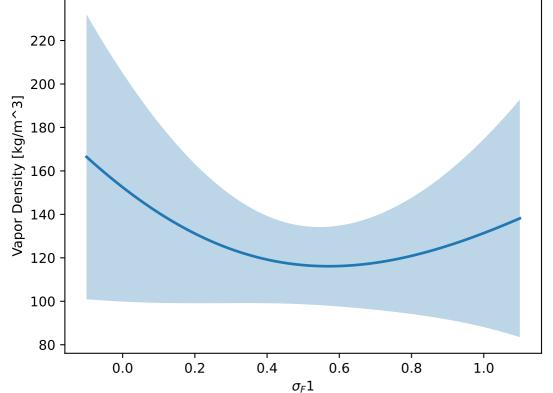


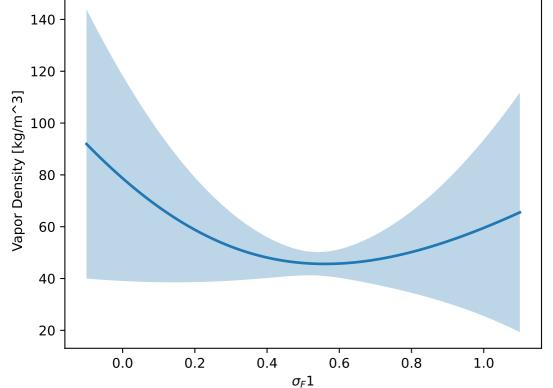
 $\sigma_F 1$

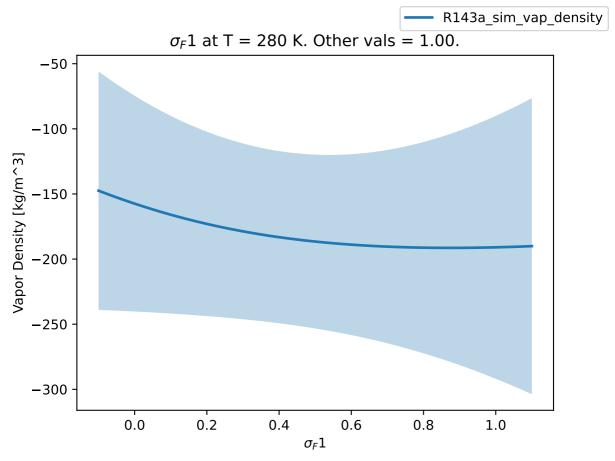


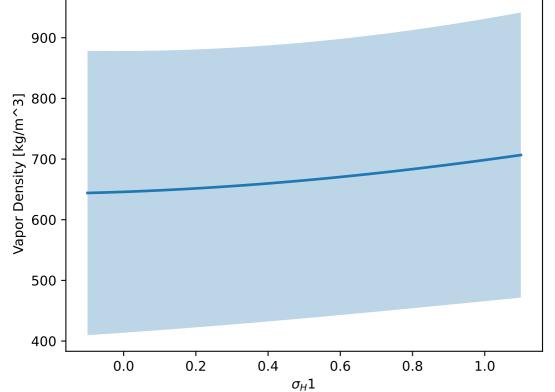


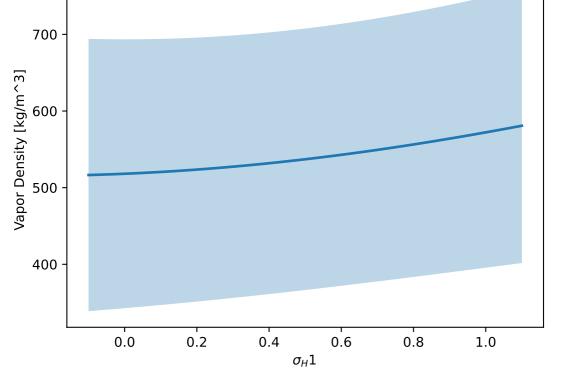


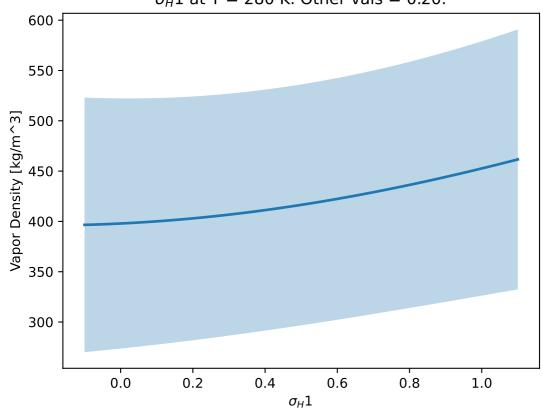




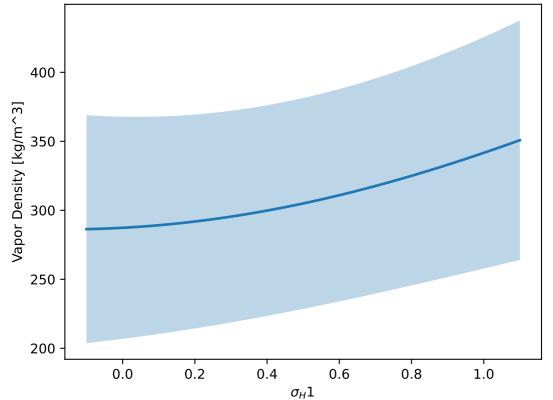


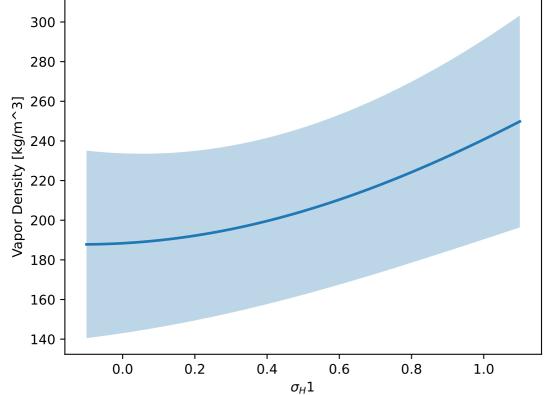


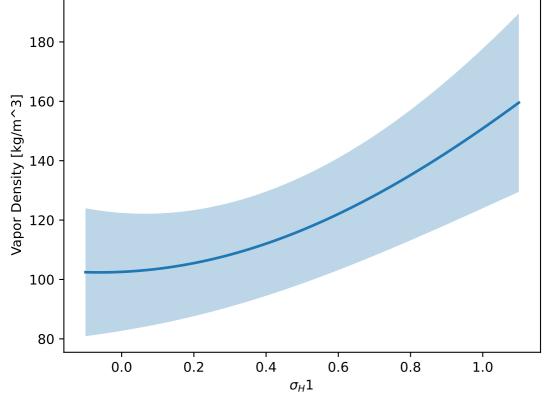




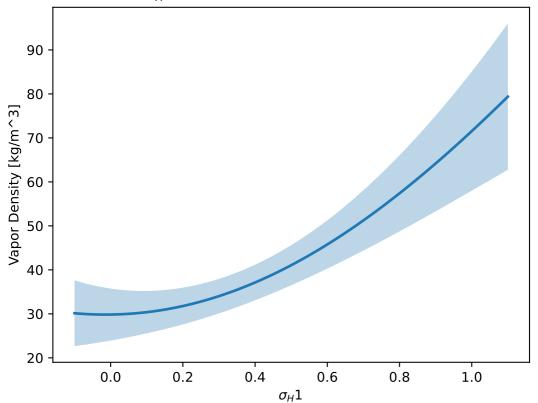
 $\sigma_H 1$ at T = 280 K. Other vals = 0.30.

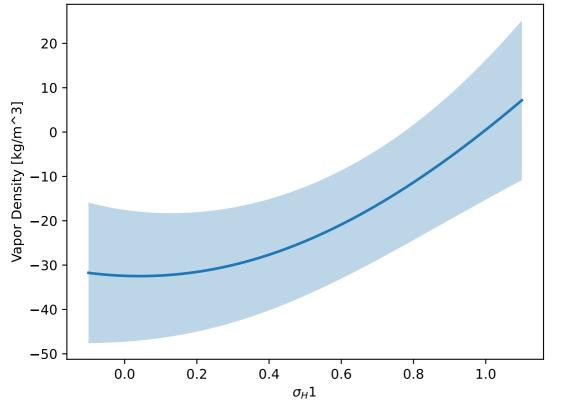


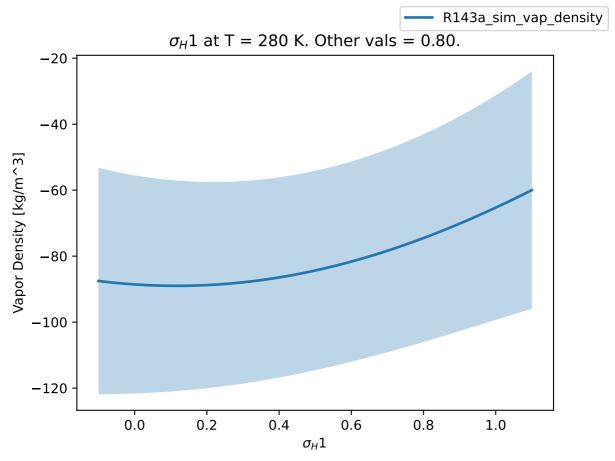


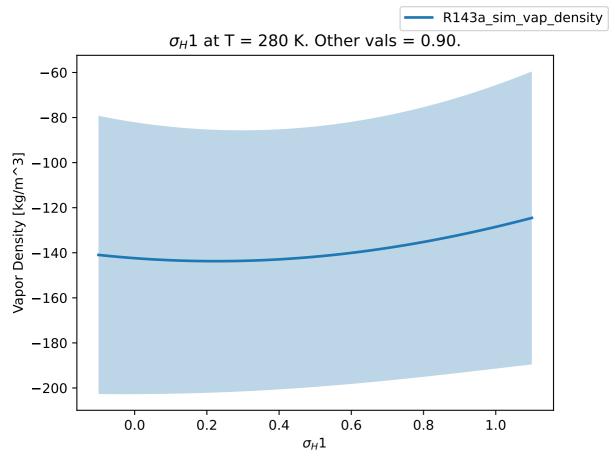


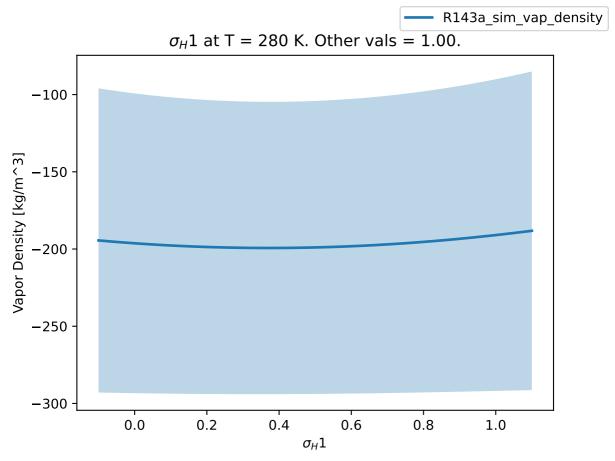
 $\sigma_H 1$ at T = 280 K. Other vals = 0.60.

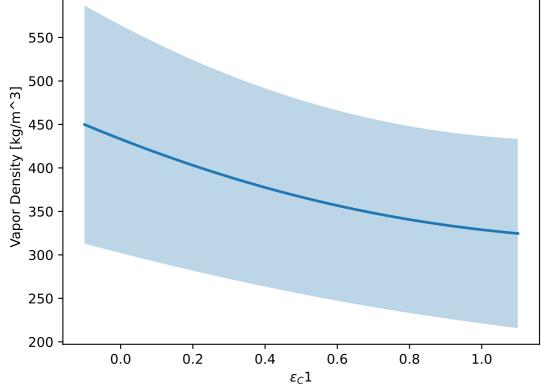




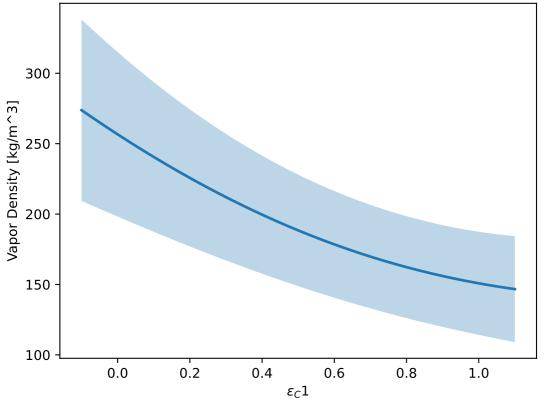


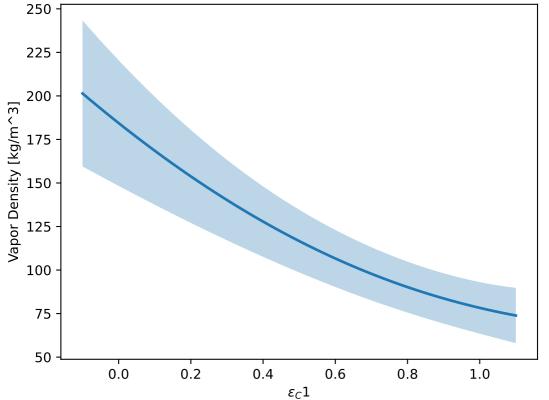


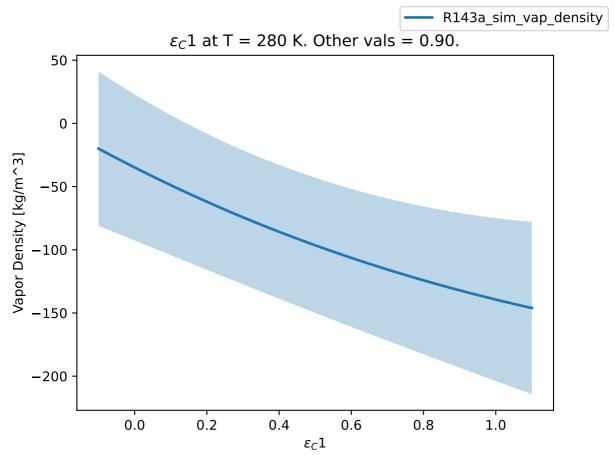




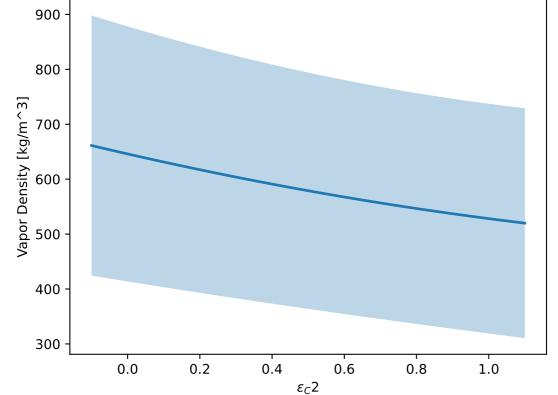
 $\varepsilon_C 1$ at T = 280 K. Other vals = 0.40.



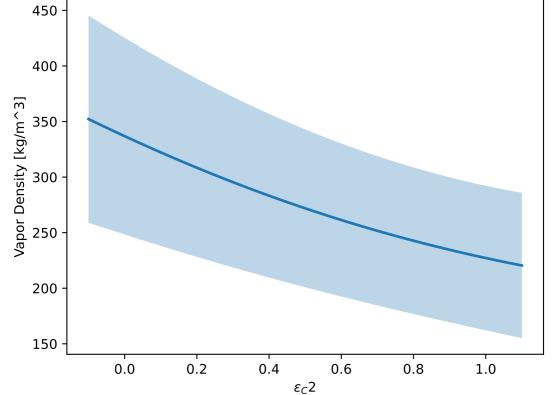


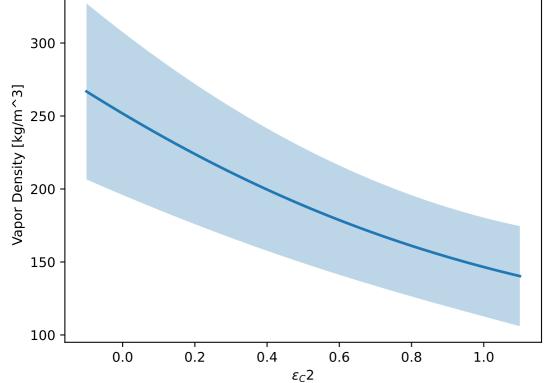


 $\varepsilon_C 2$ at T = 280 K. Other vals = 0.00.



 $\varepsilon_C 2$ at T = 280 K. Other vals = 0.30.





0.2

0.0

0.4

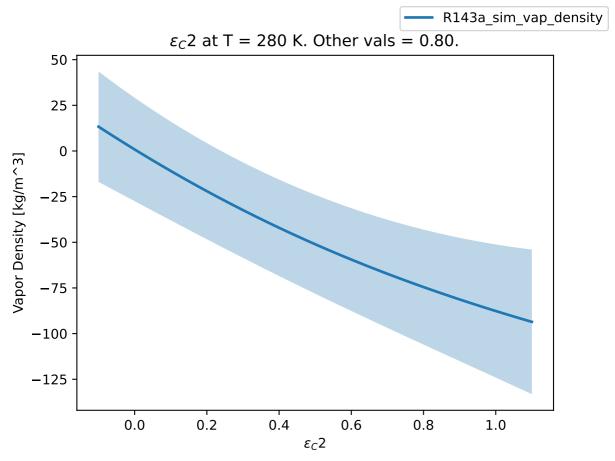
0.6

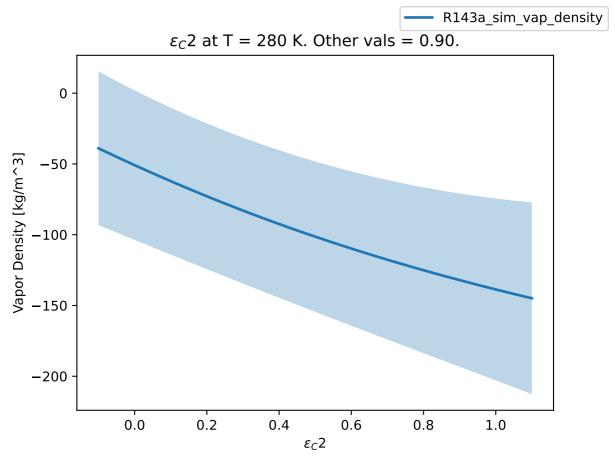
 $\varepsilon_C 2$

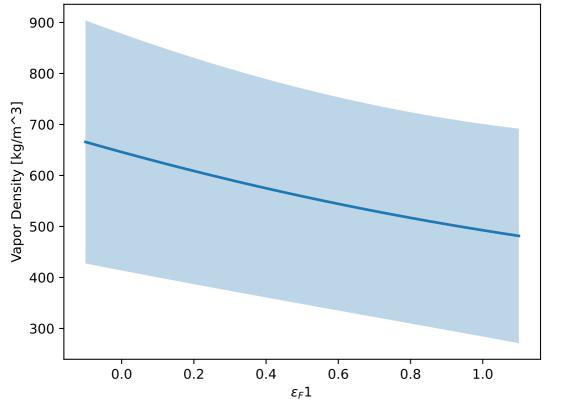
8.0

1.0

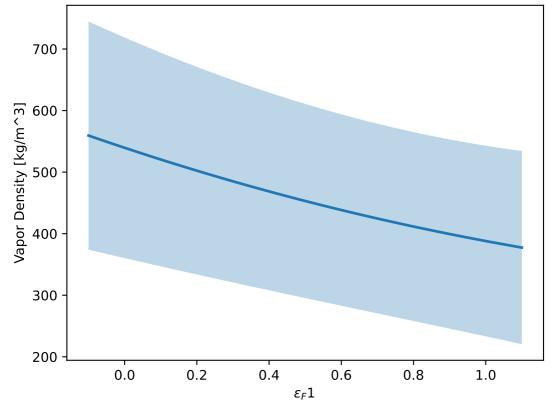
50



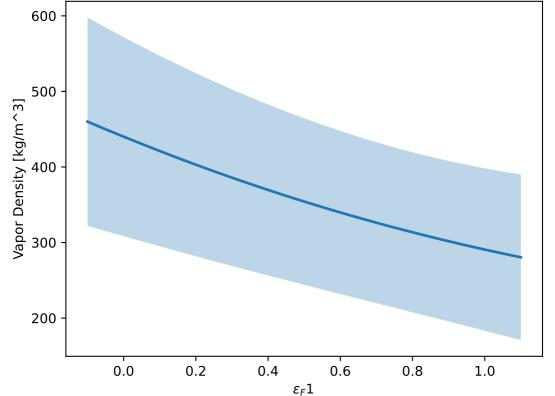




 $\varepsilon_F 1$ at T = 280 K. Other vals = 0.10.



 $\varepsilon_F 1$ at T = 280 K. Other vals = 0.20.



1.0

0.8

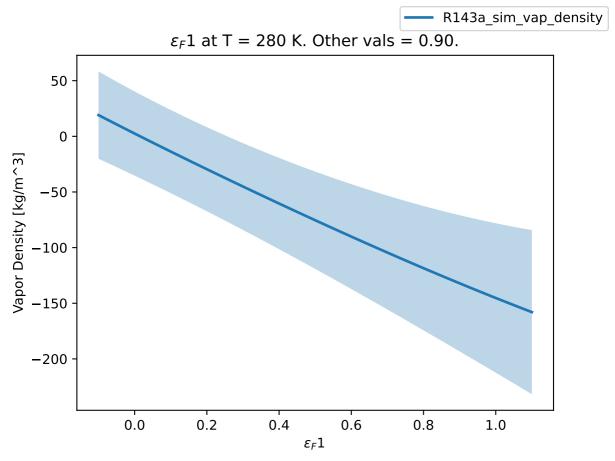
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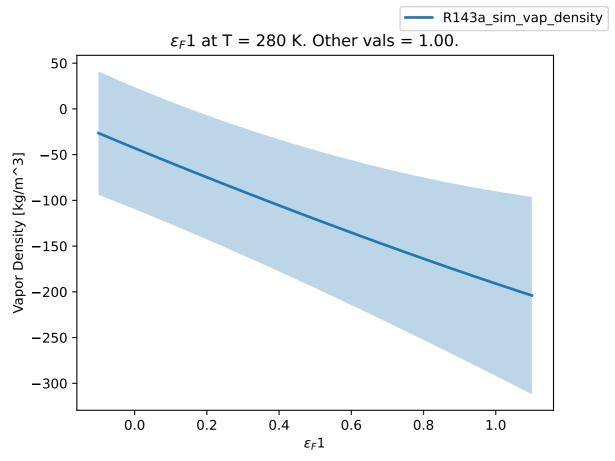
0.0

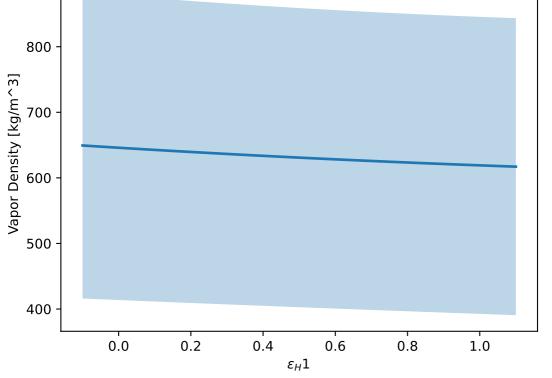
0.4

 $\varepsilon_{\it F} 1$

0.6







0.4

 $\varepsilon_H 1$

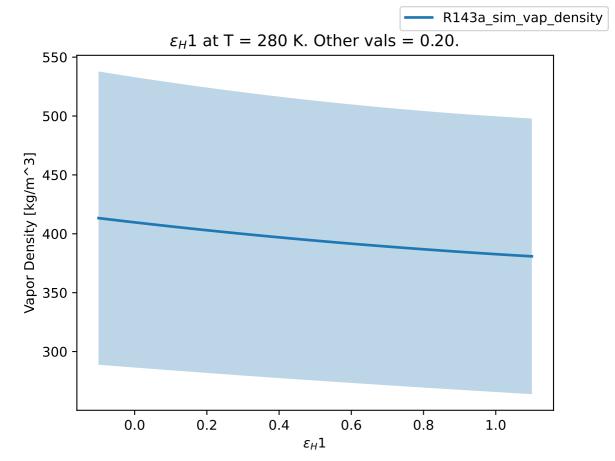
0.6

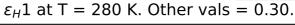
0.2

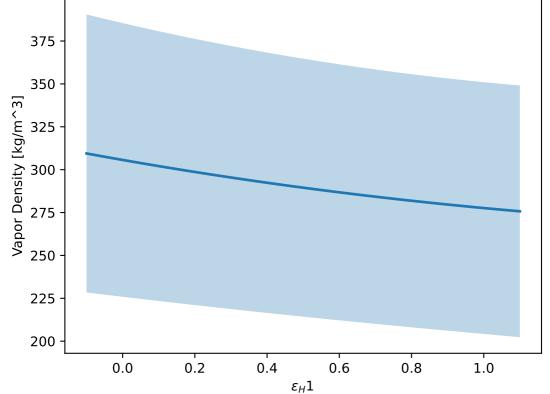
0.0

1.0

8.0







0.2

0.0

0.4

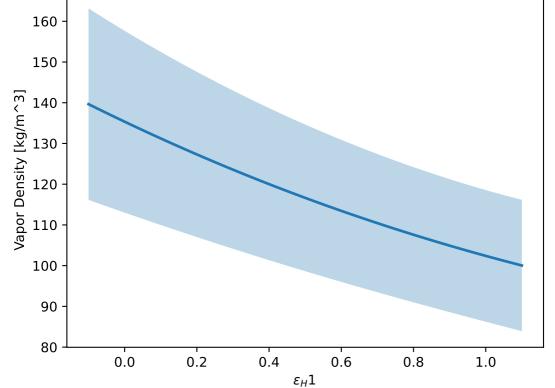
 $\varepsilon_H 1$

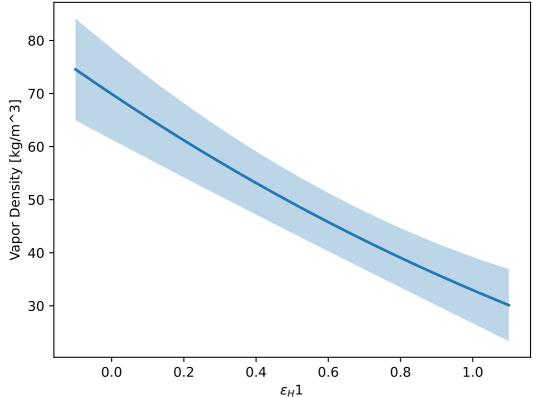
0.6

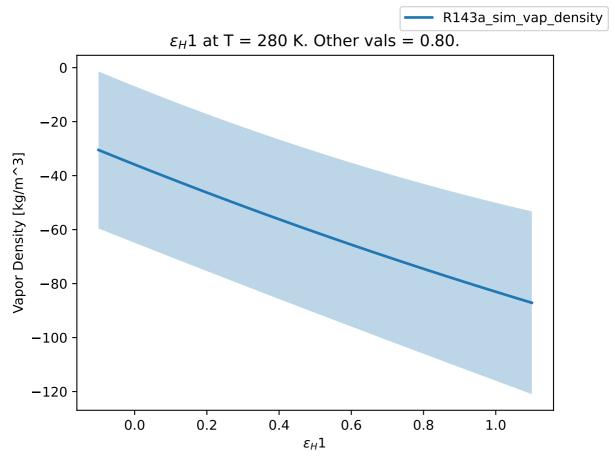
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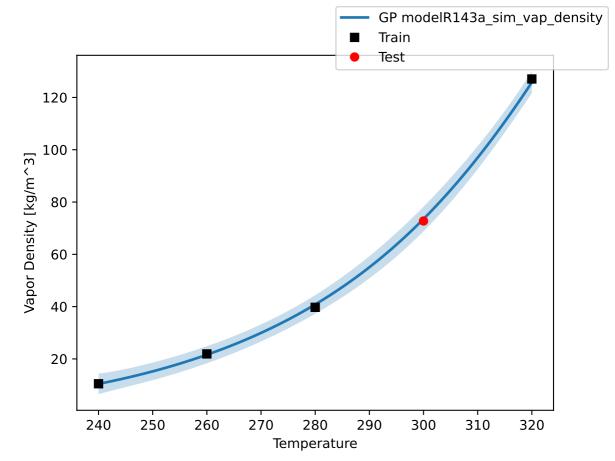
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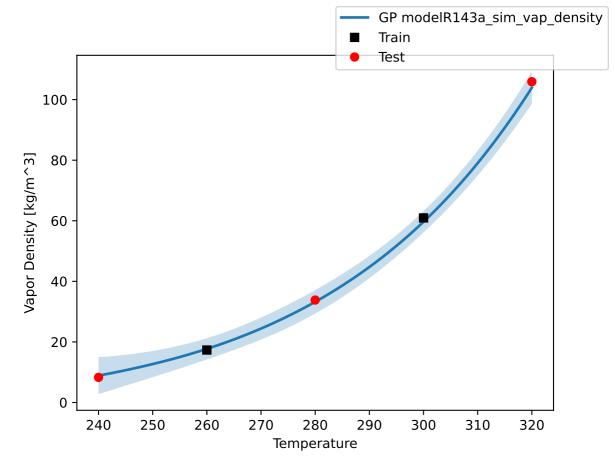
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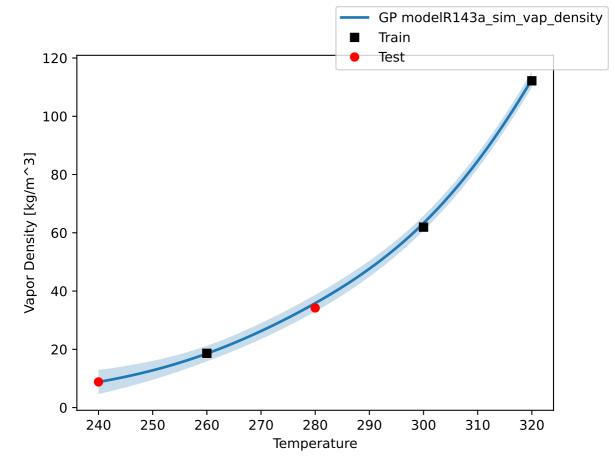


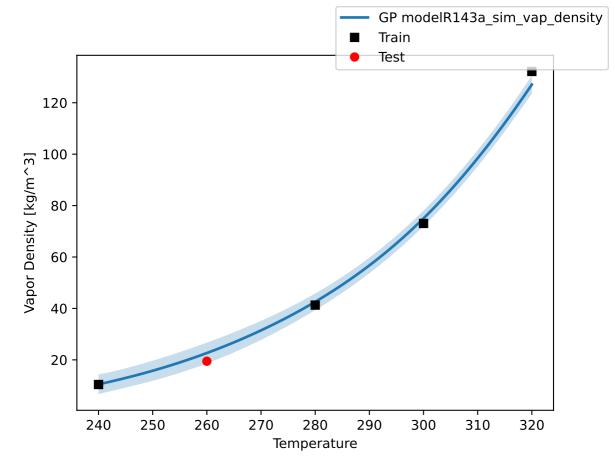


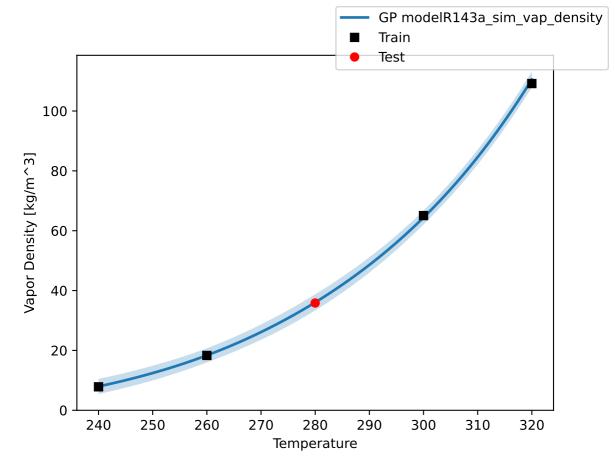


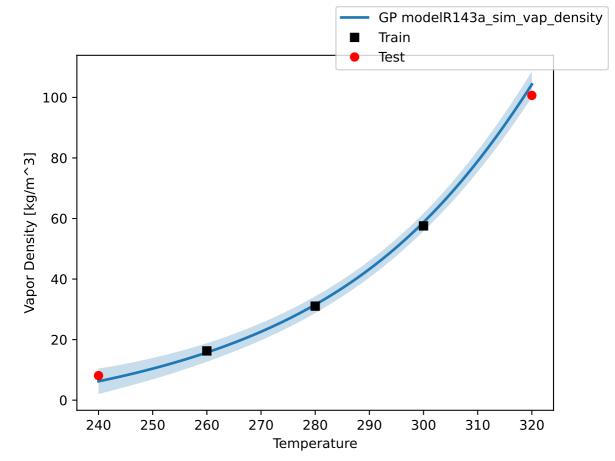


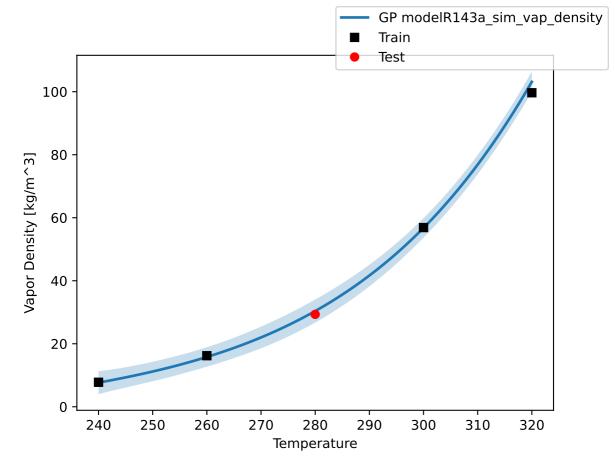


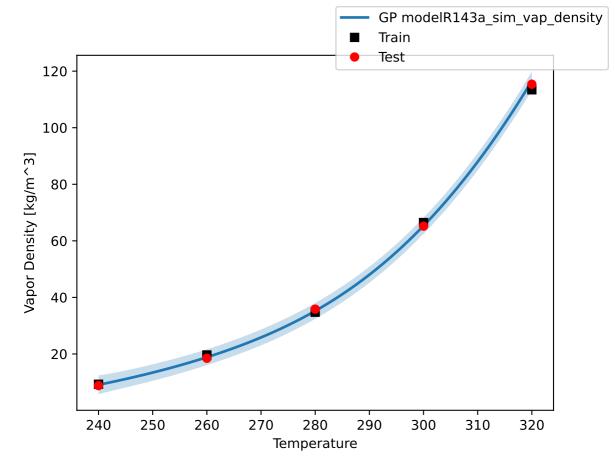


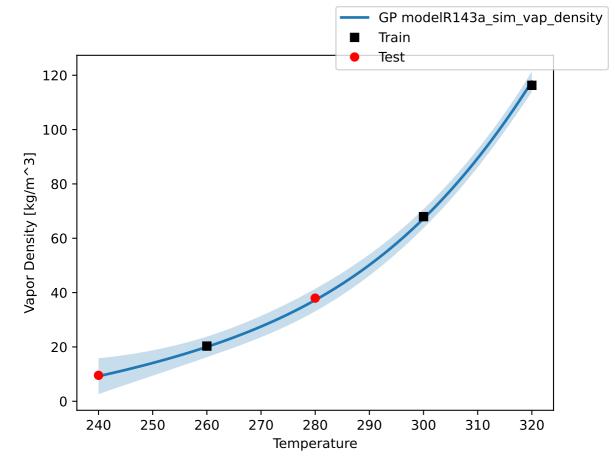


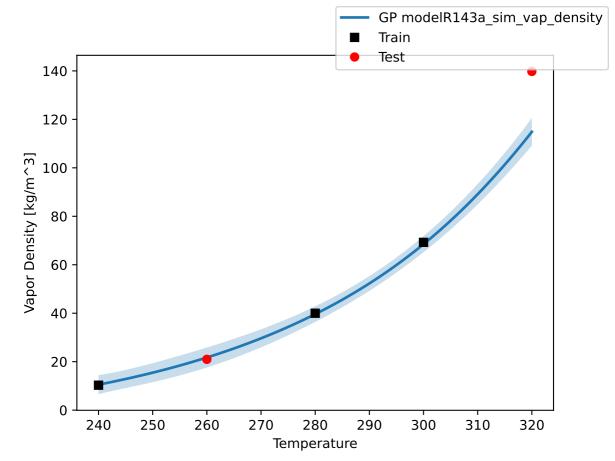


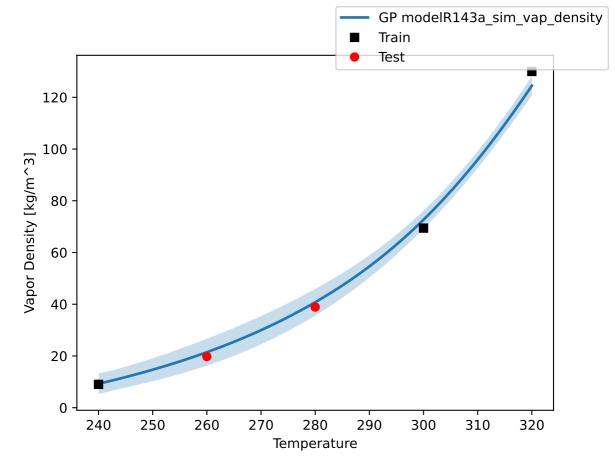


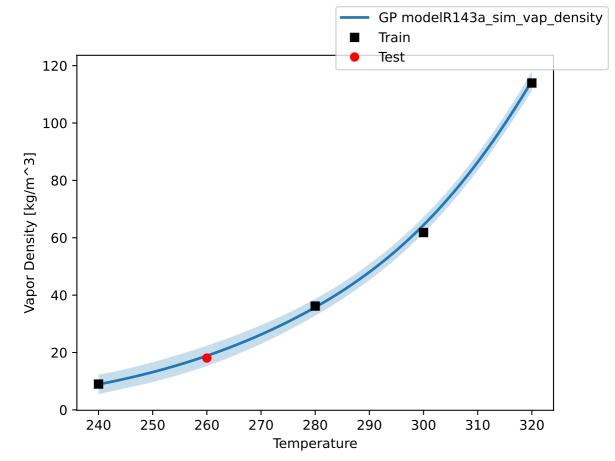


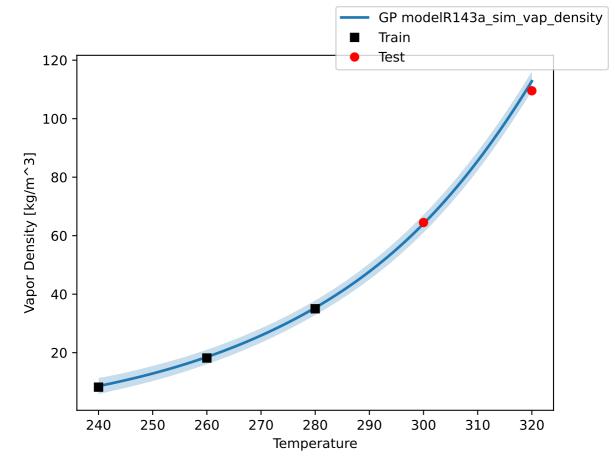


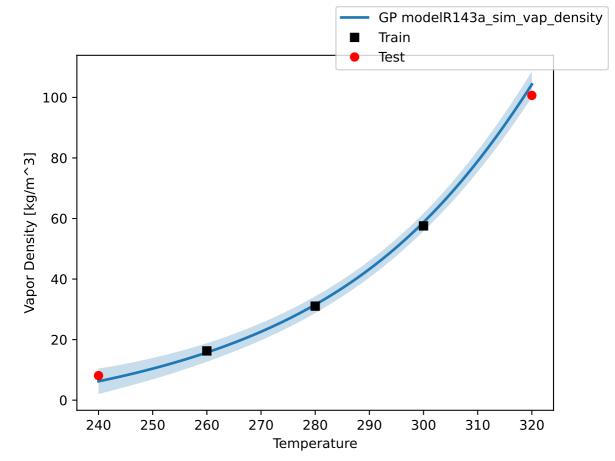


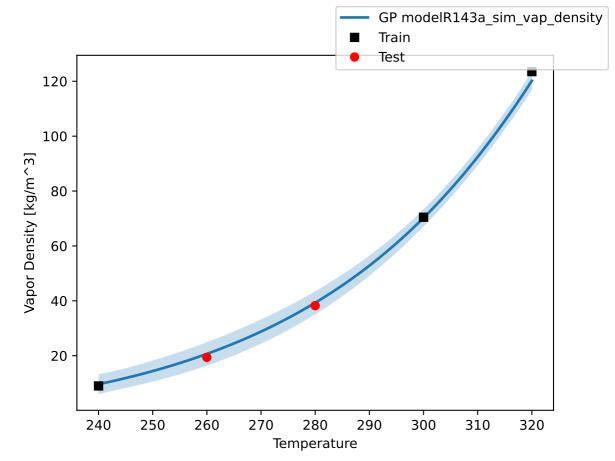


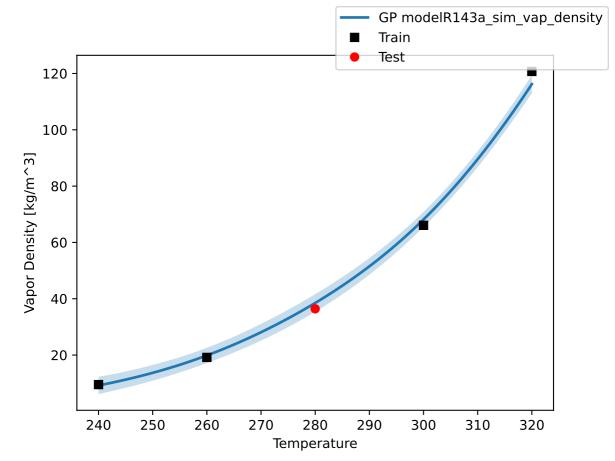


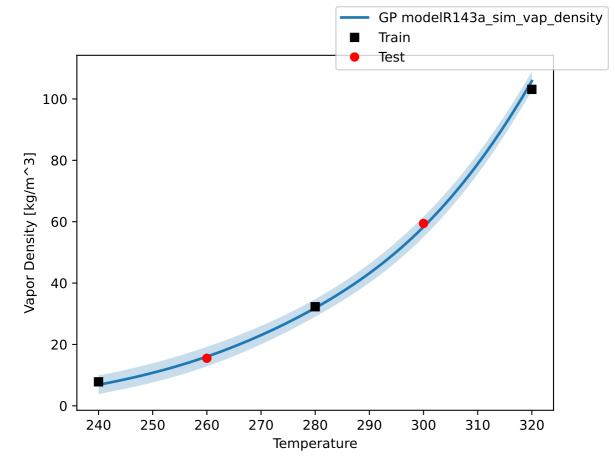


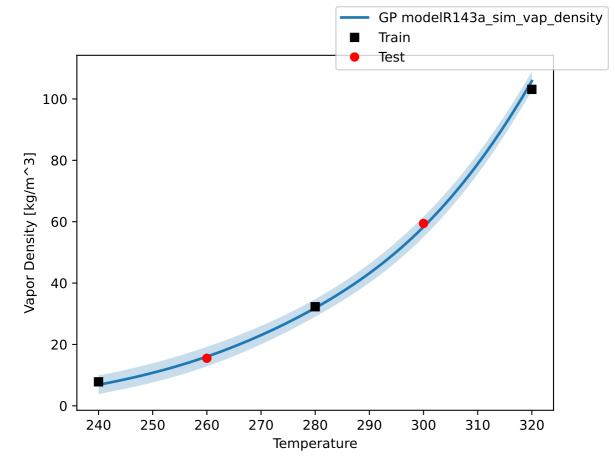


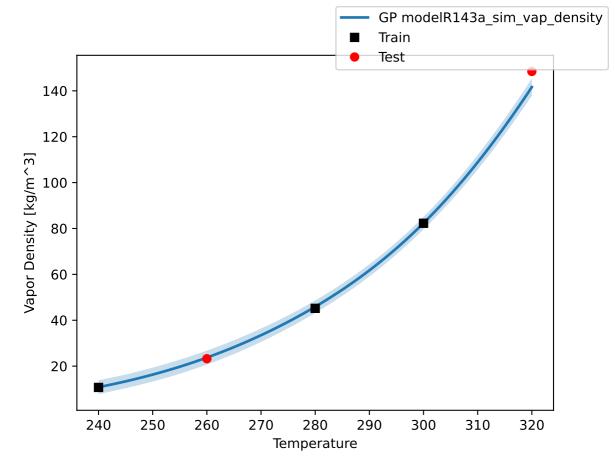


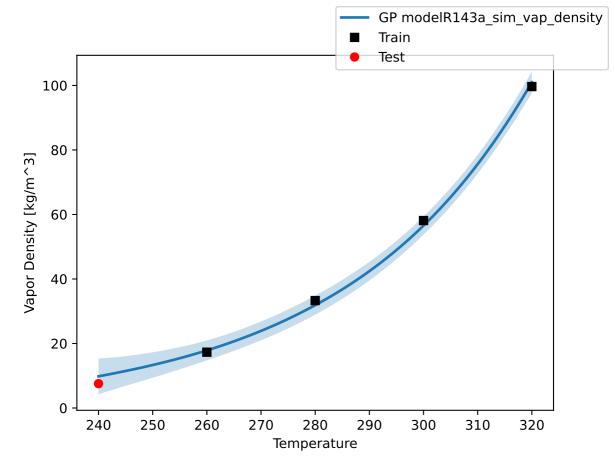


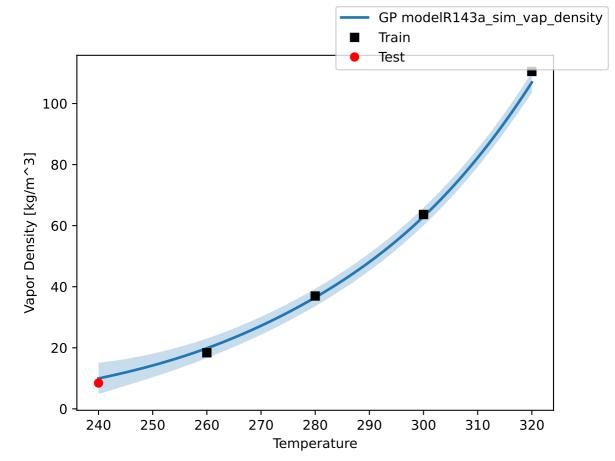


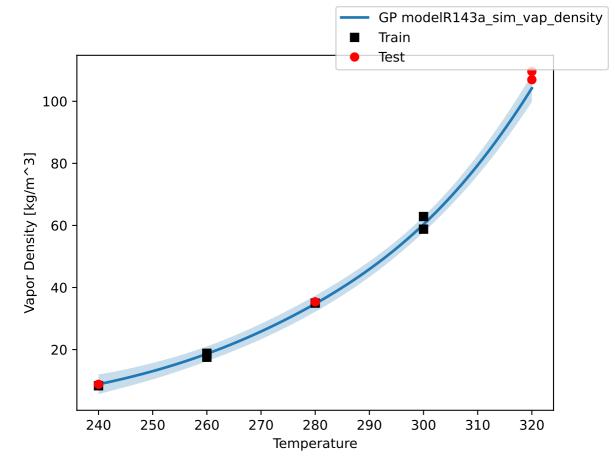


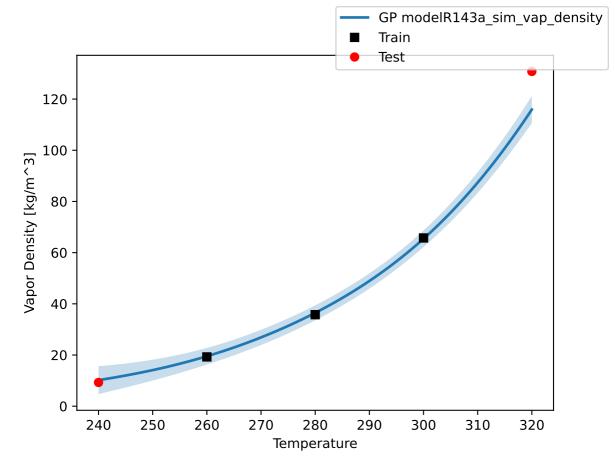


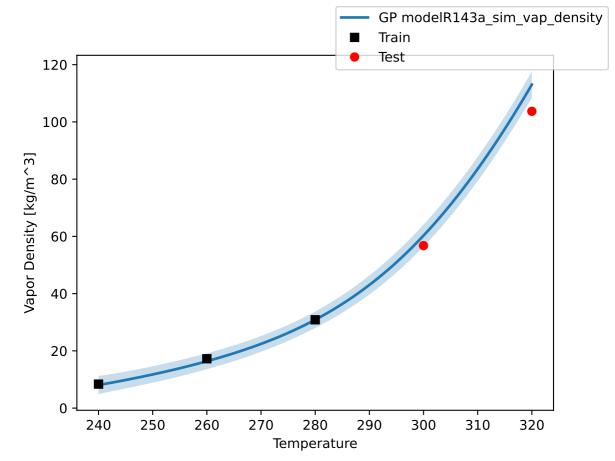


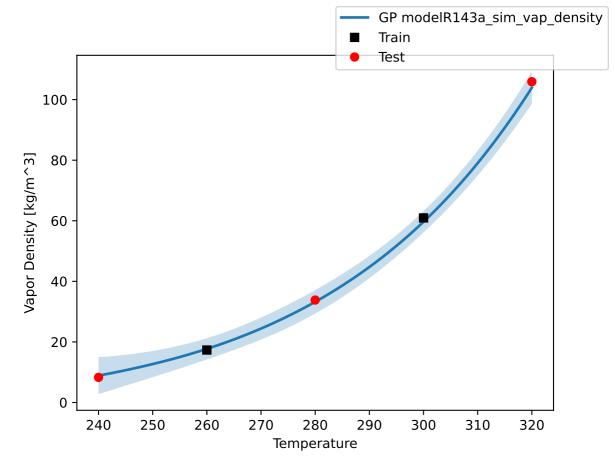


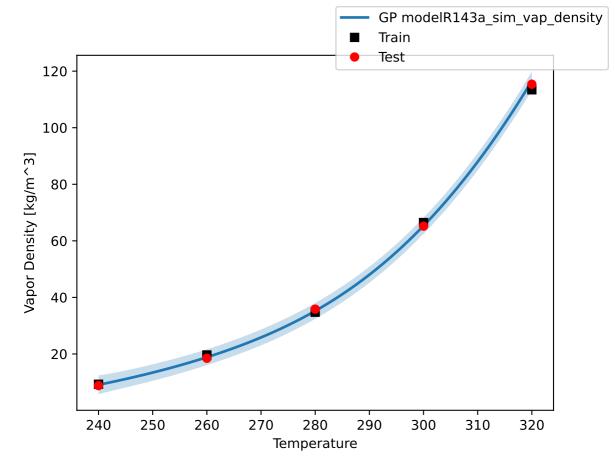


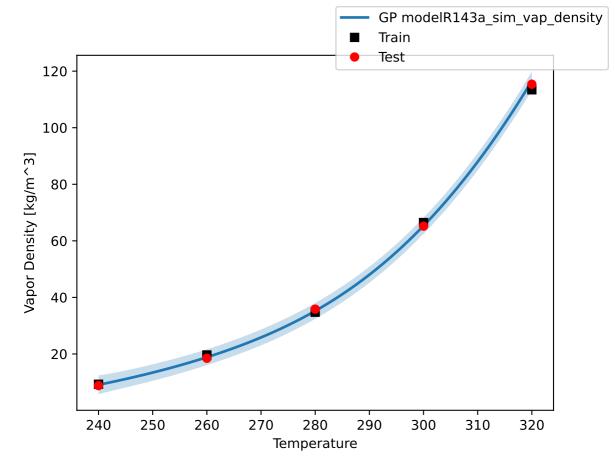


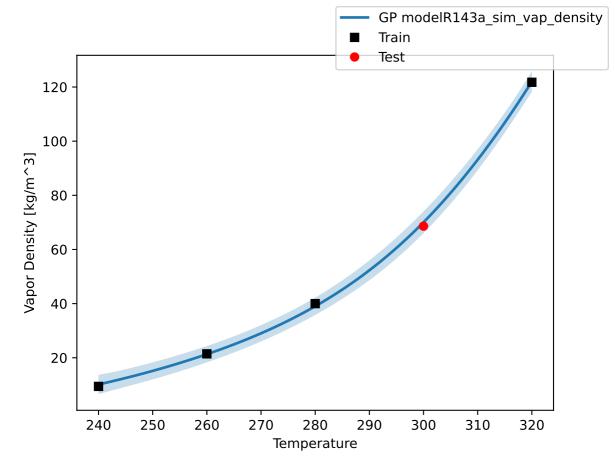


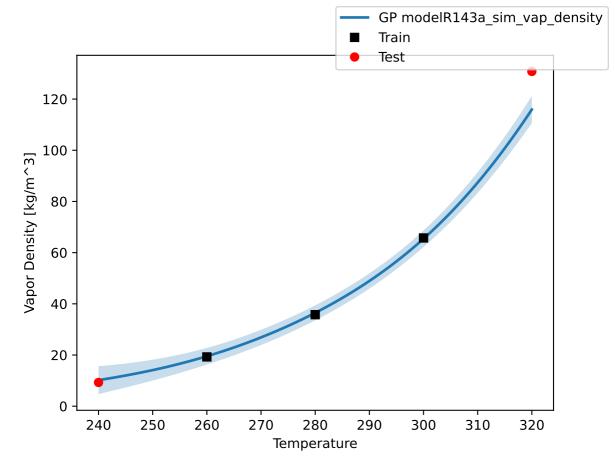


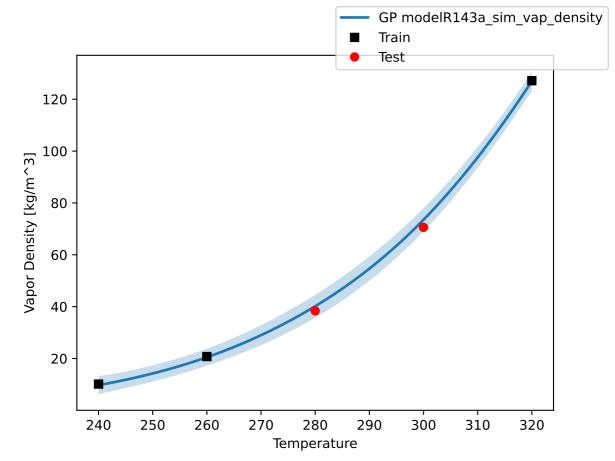


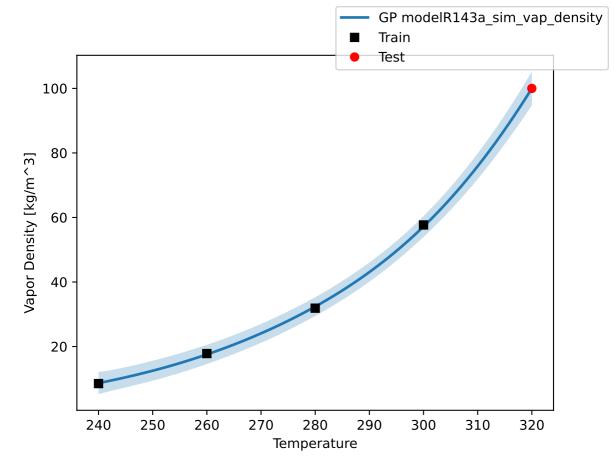


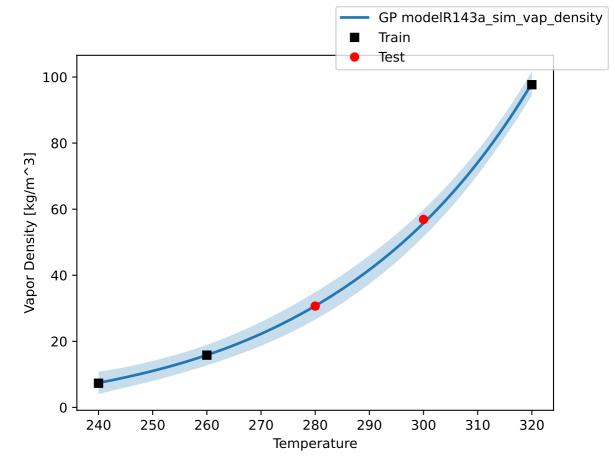


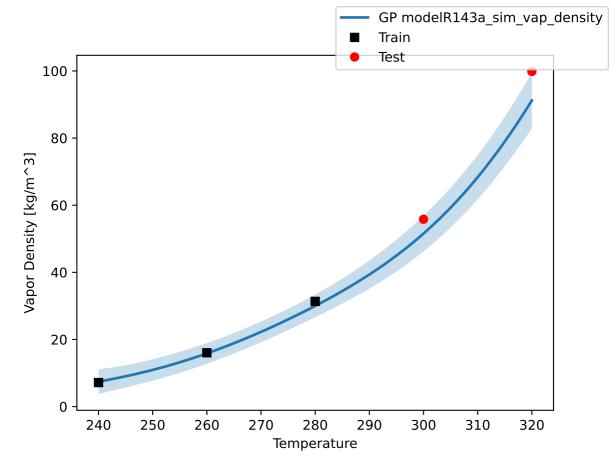


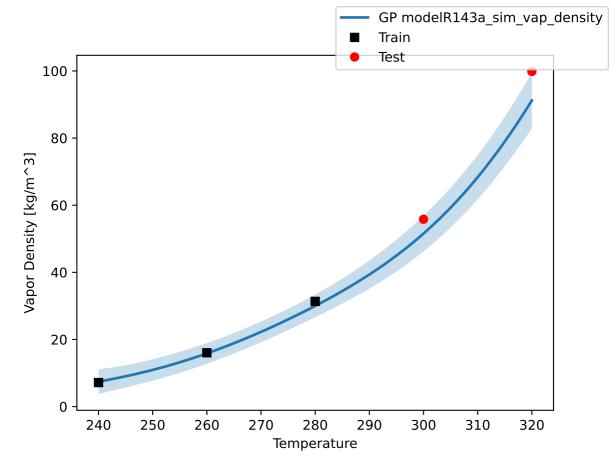


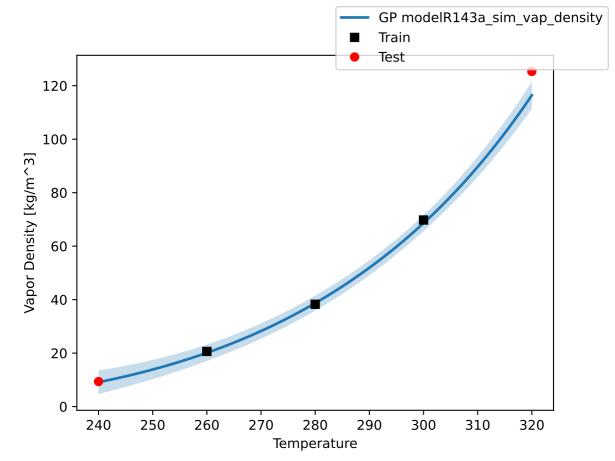


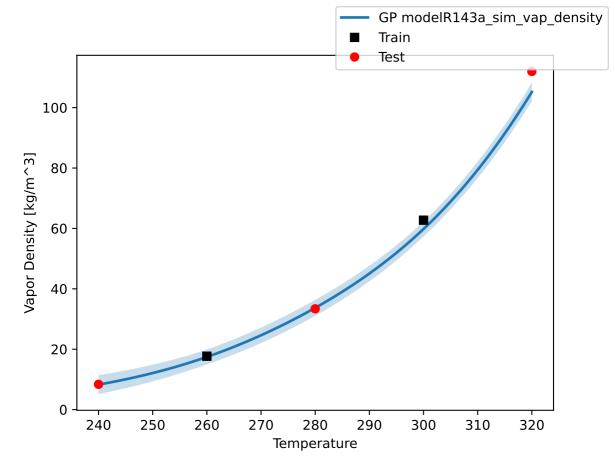


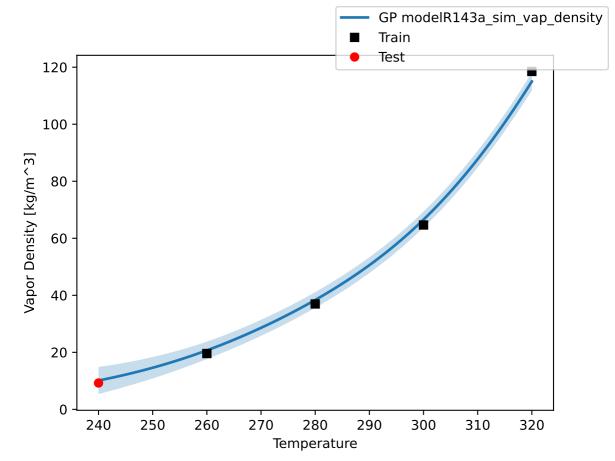


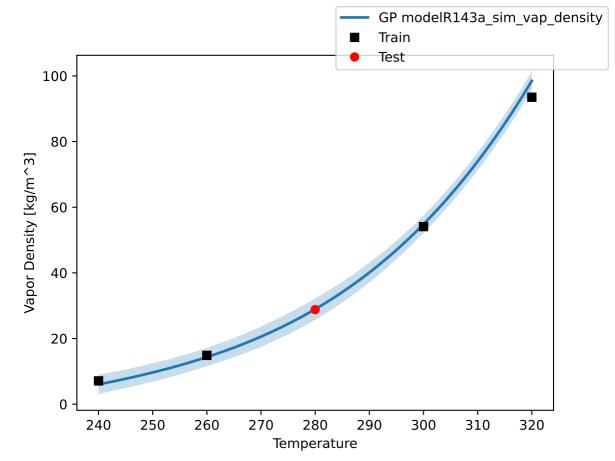


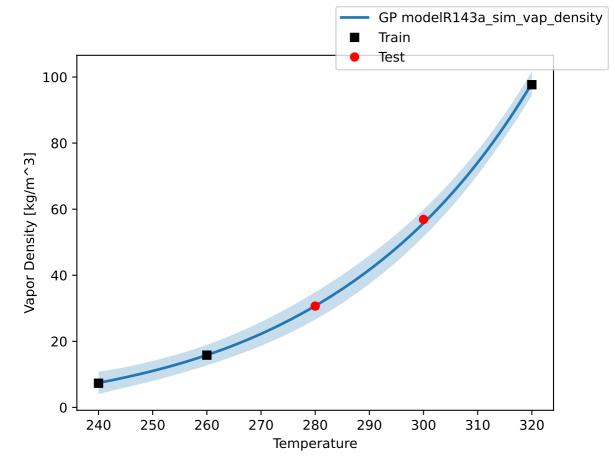


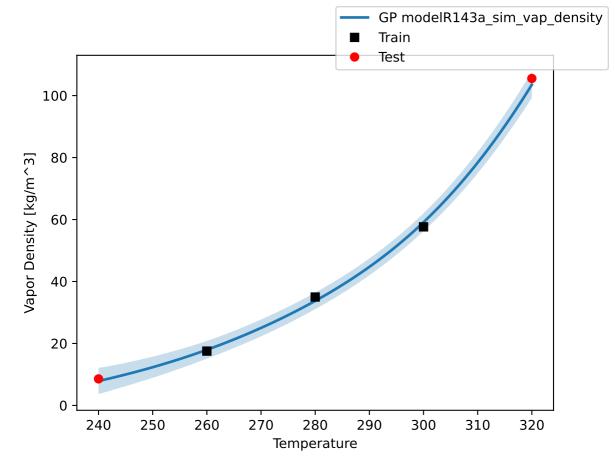


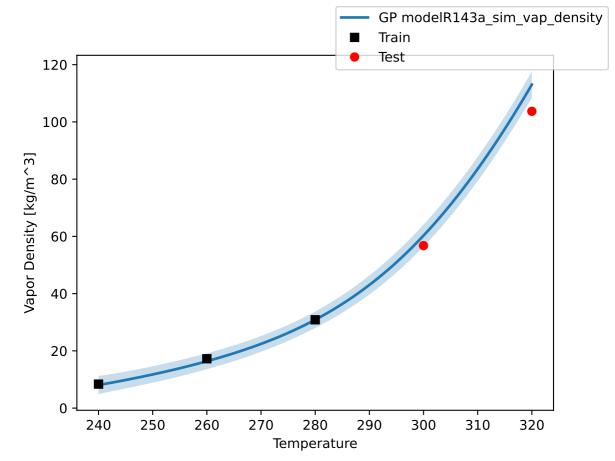


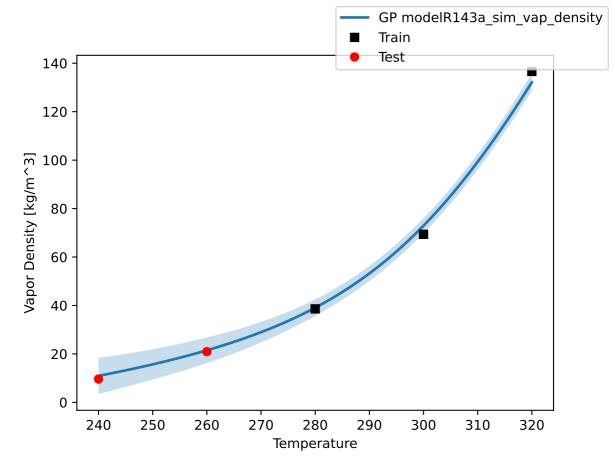


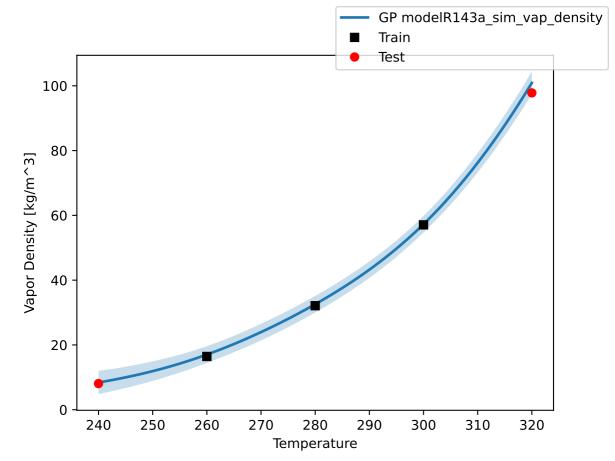


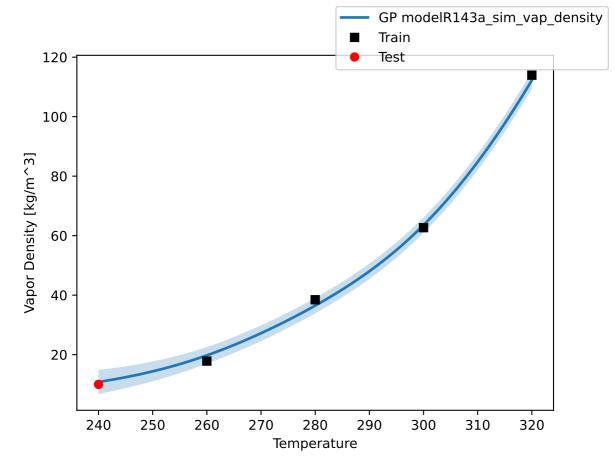


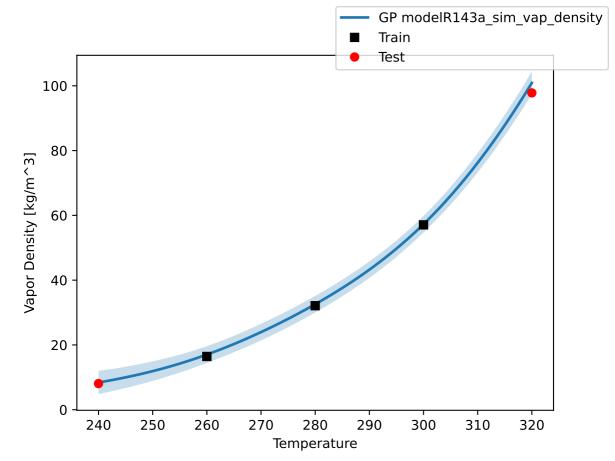


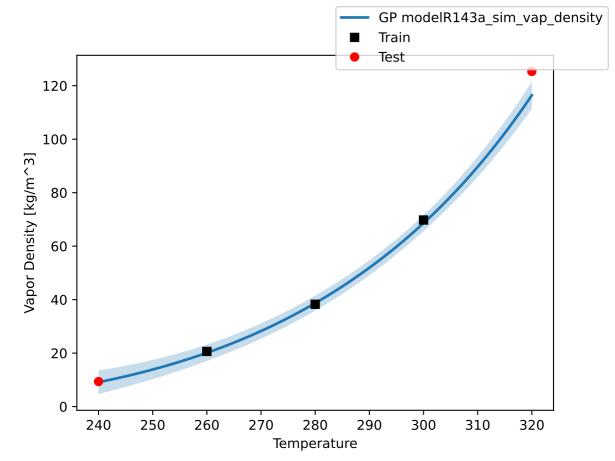


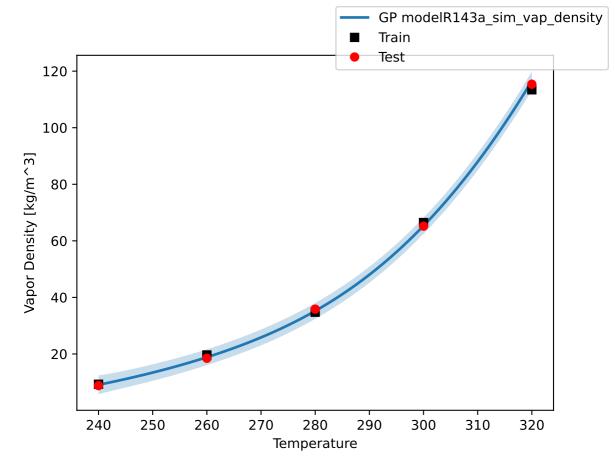


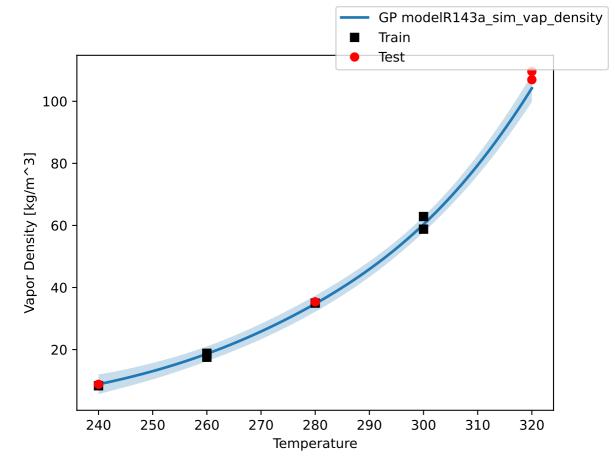


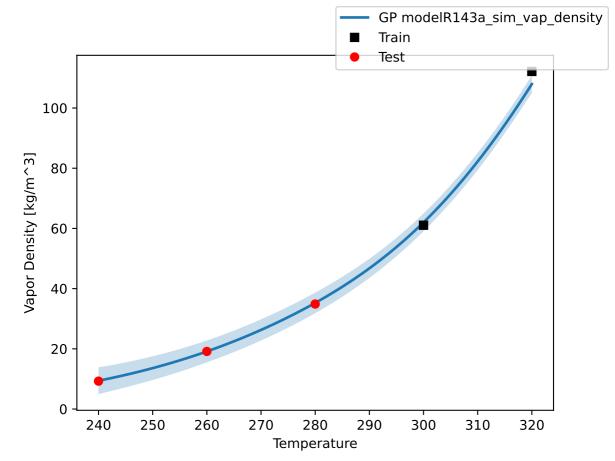


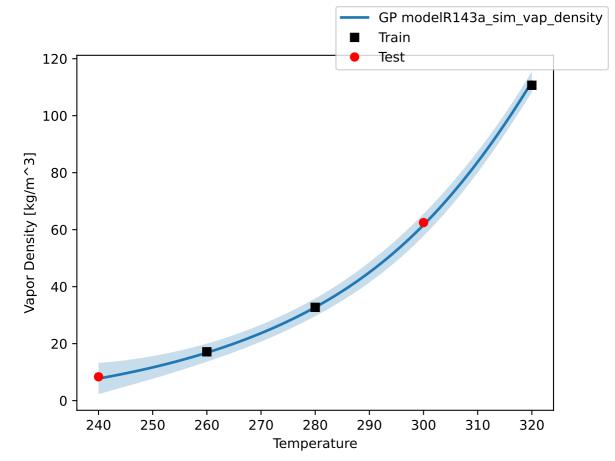


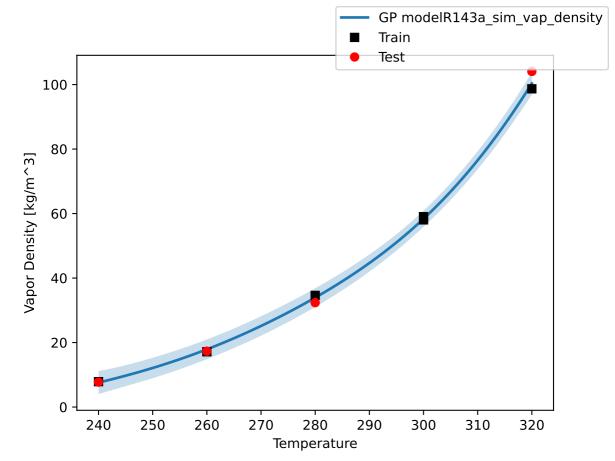


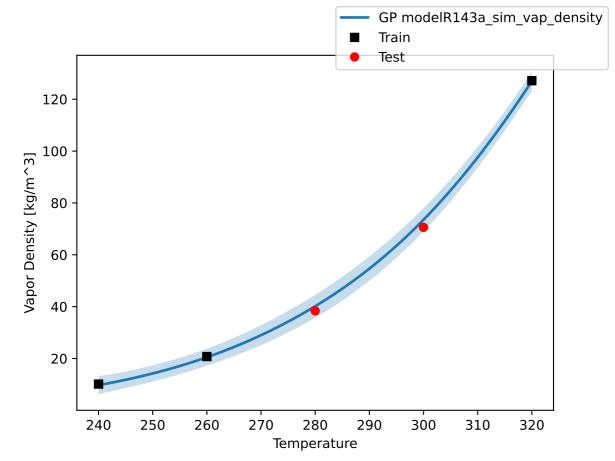


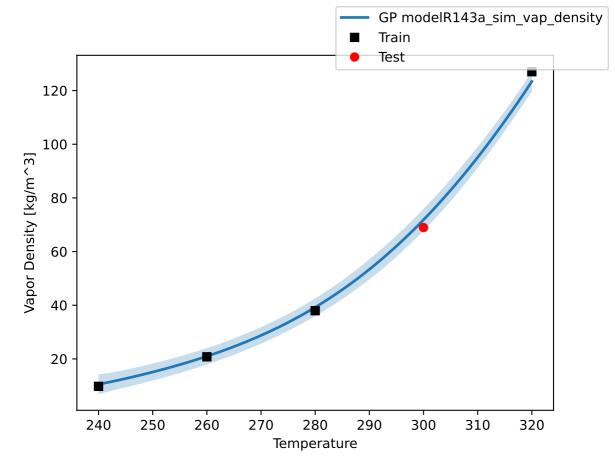


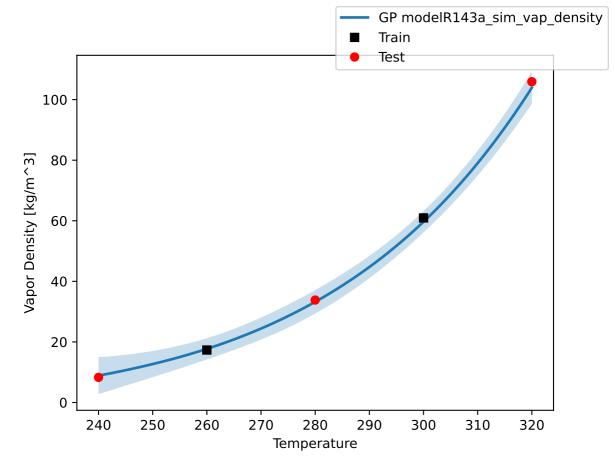


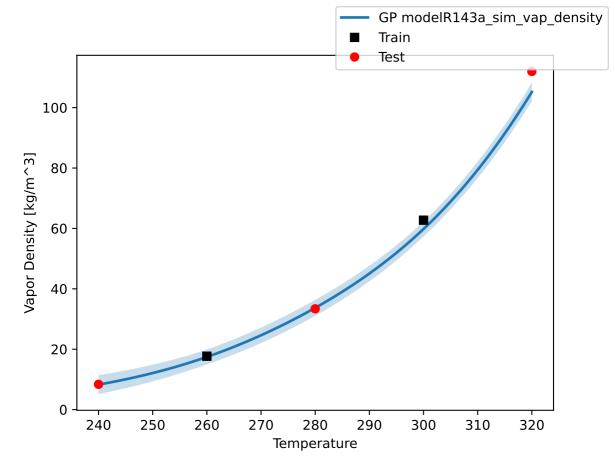


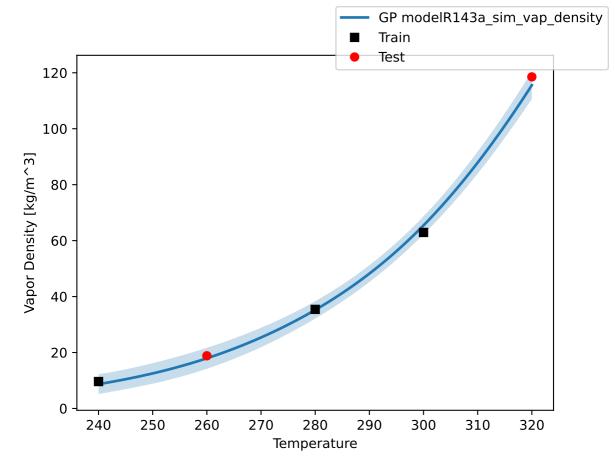


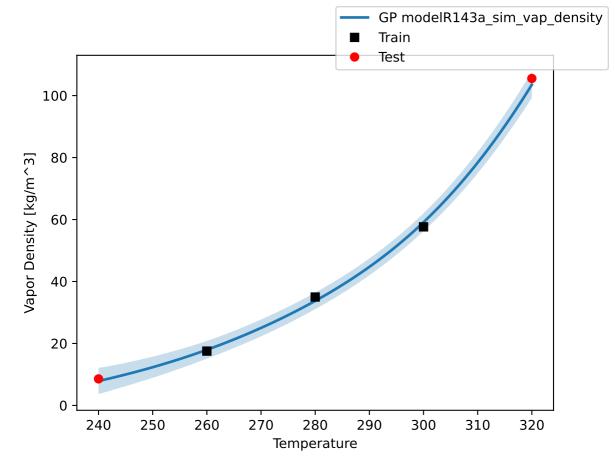


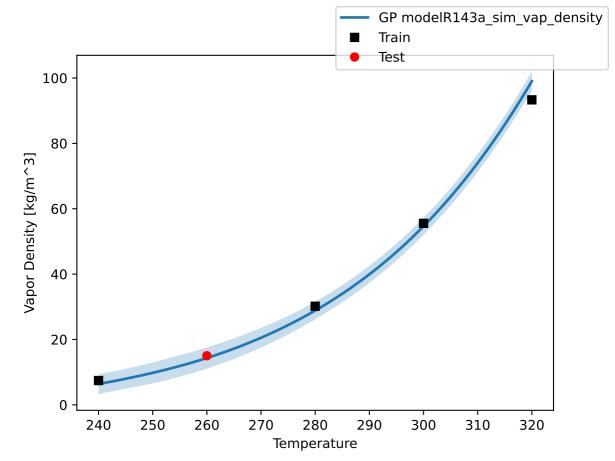


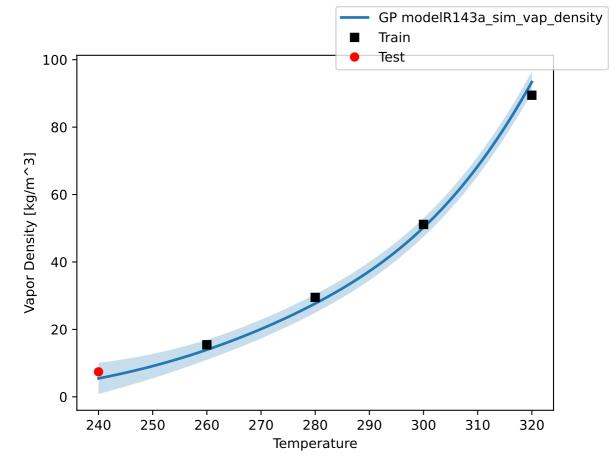


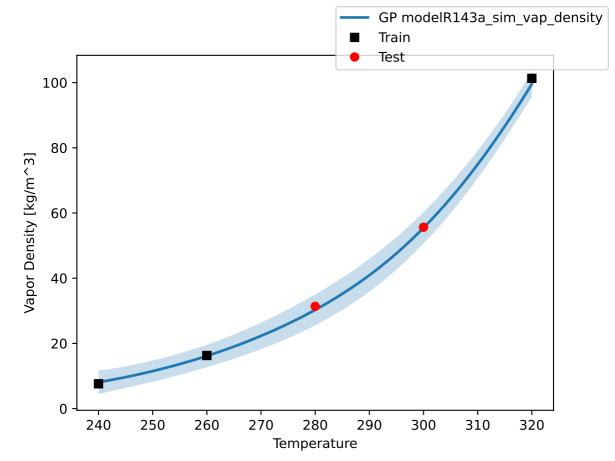


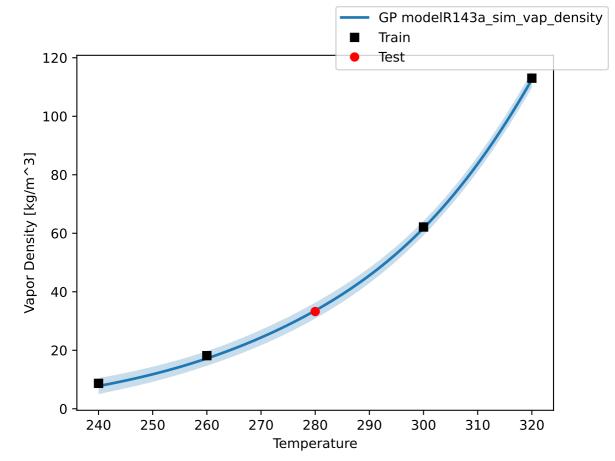


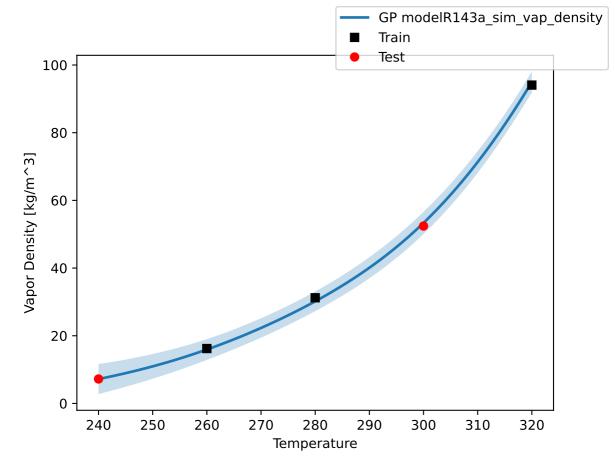


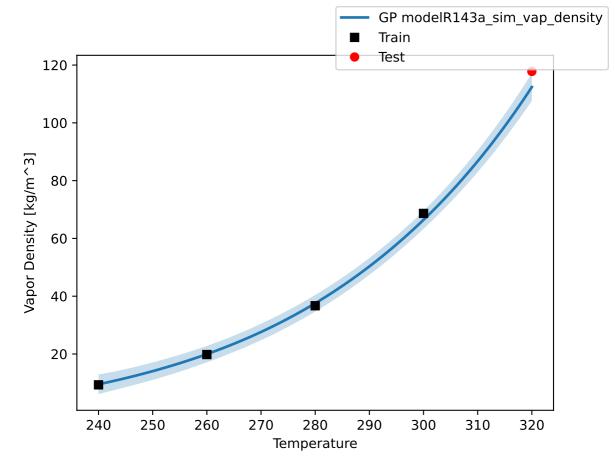


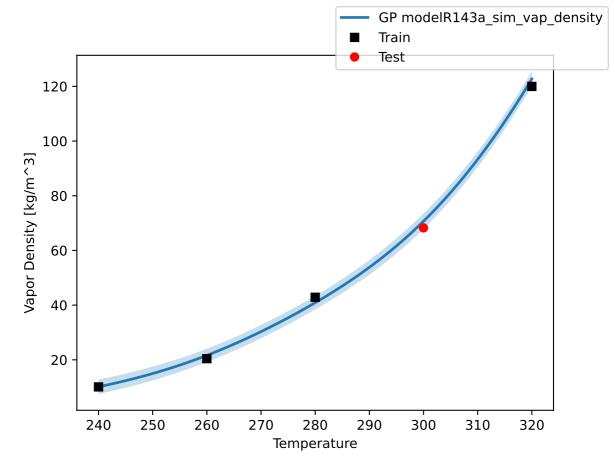


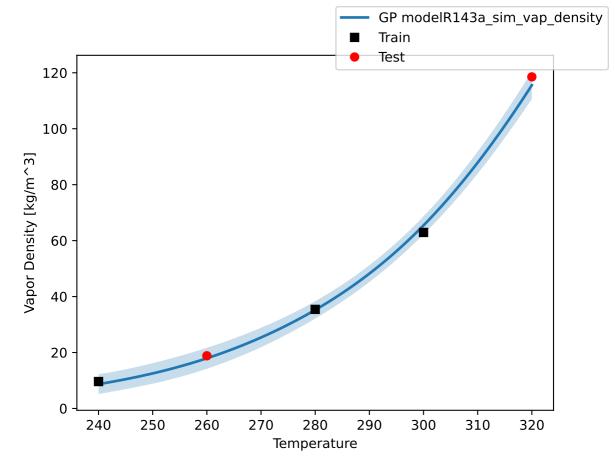


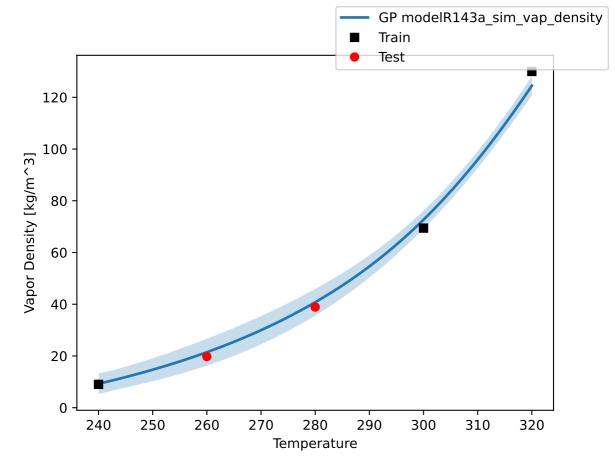


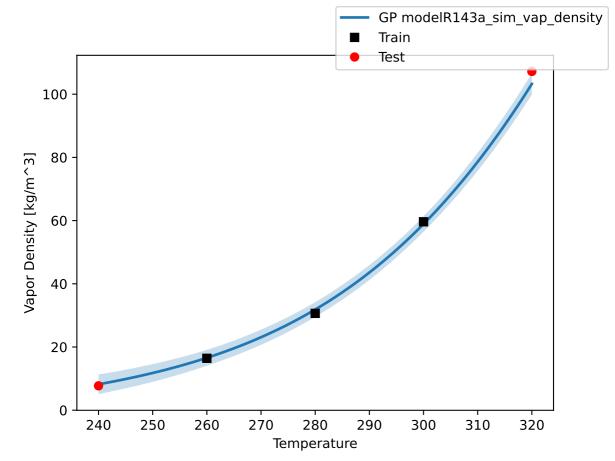


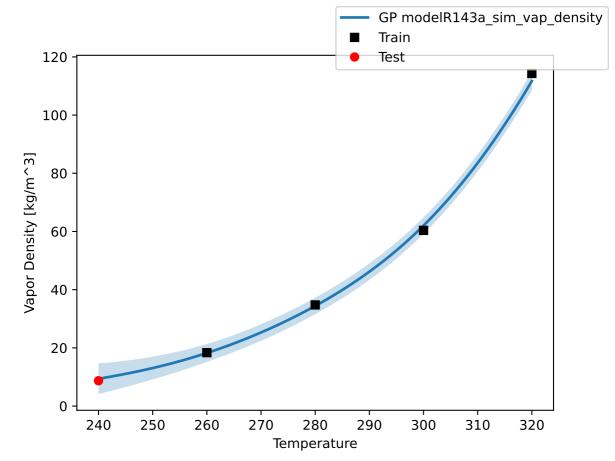


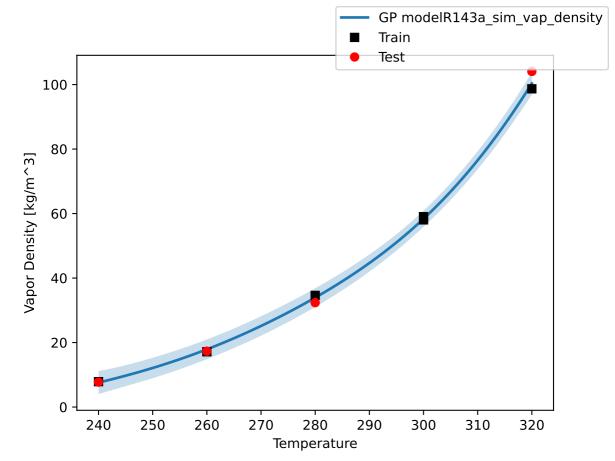


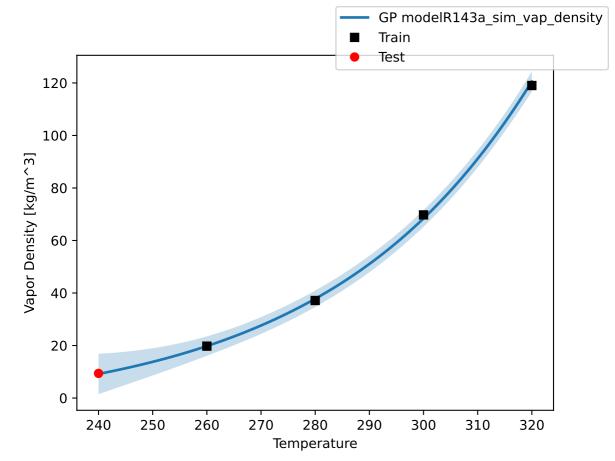


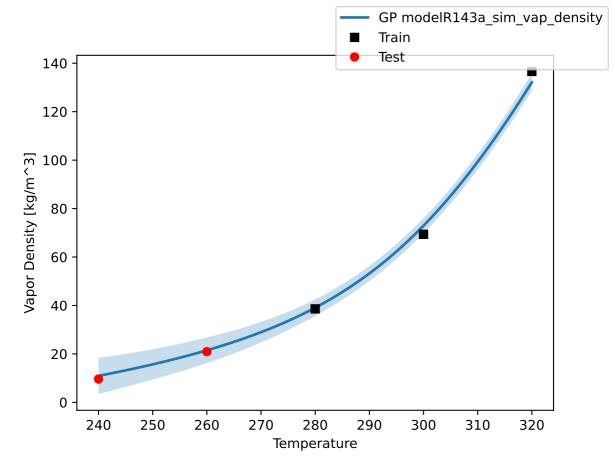


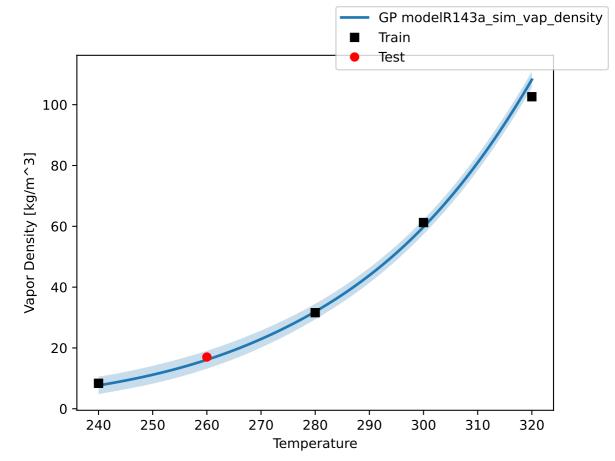


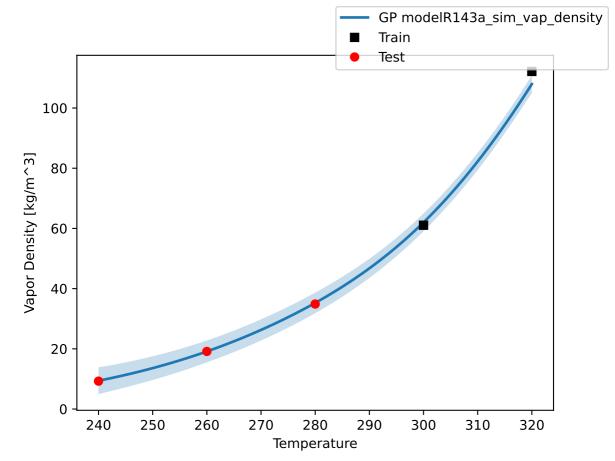


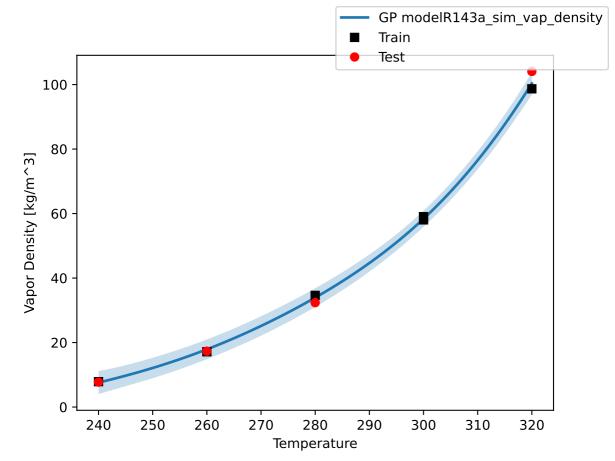


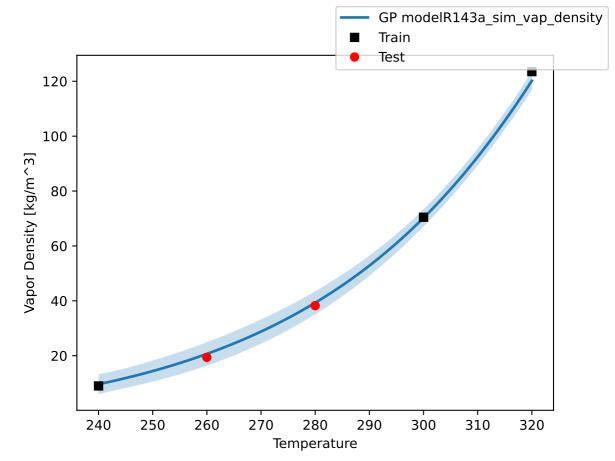


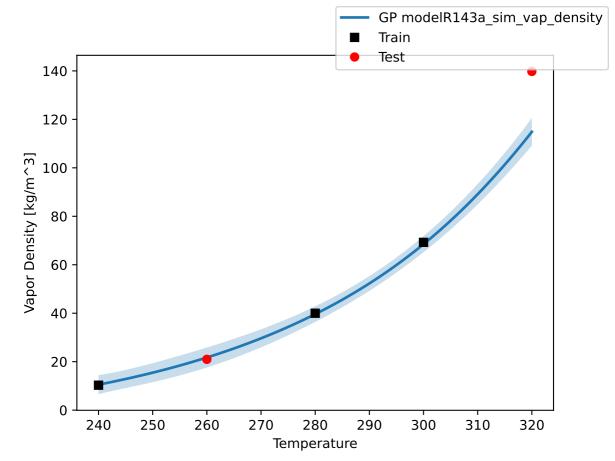


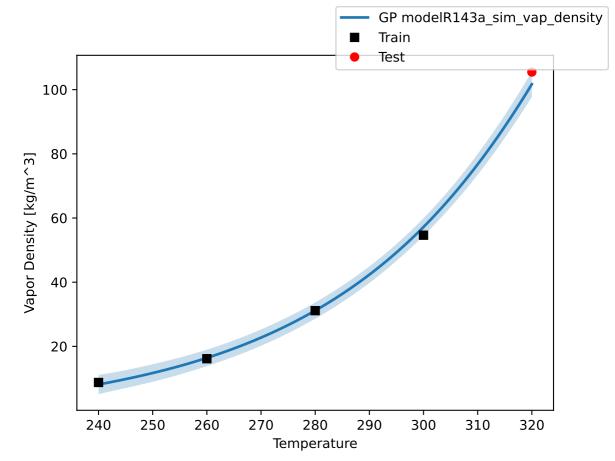


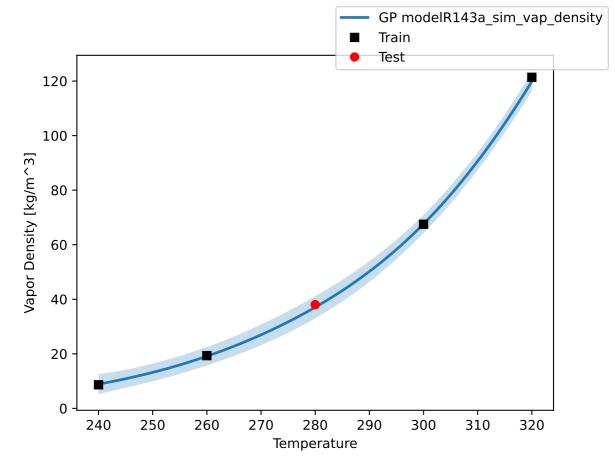


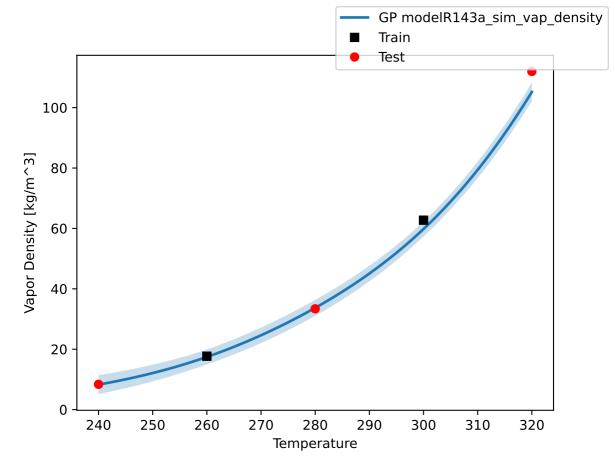


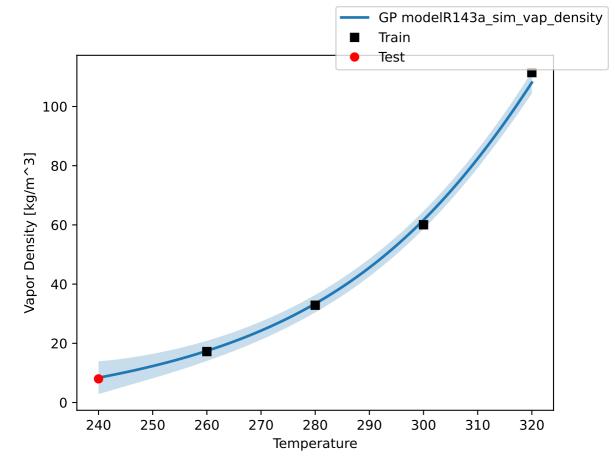


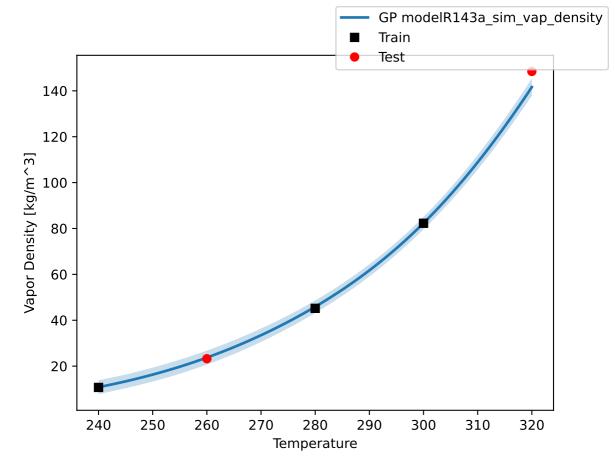


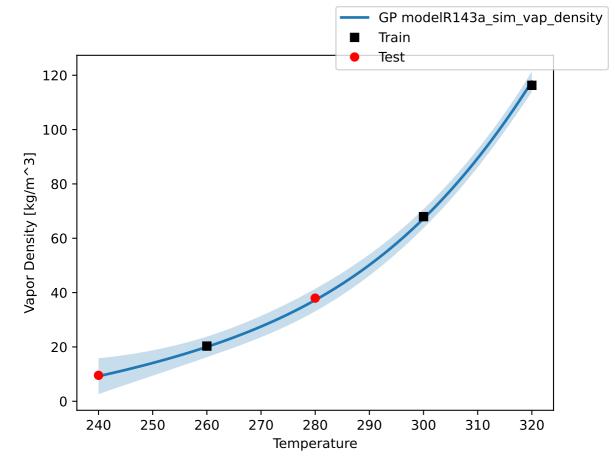


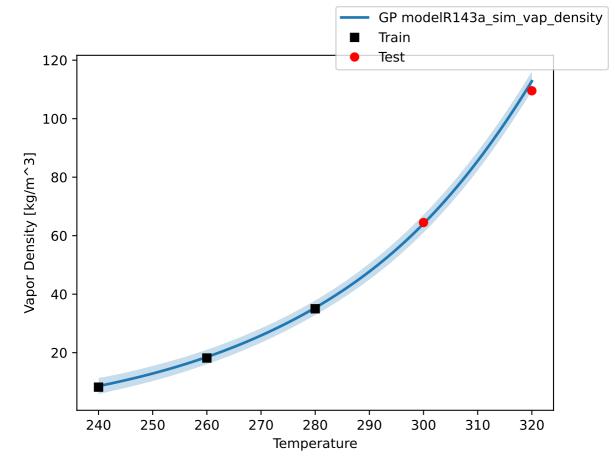


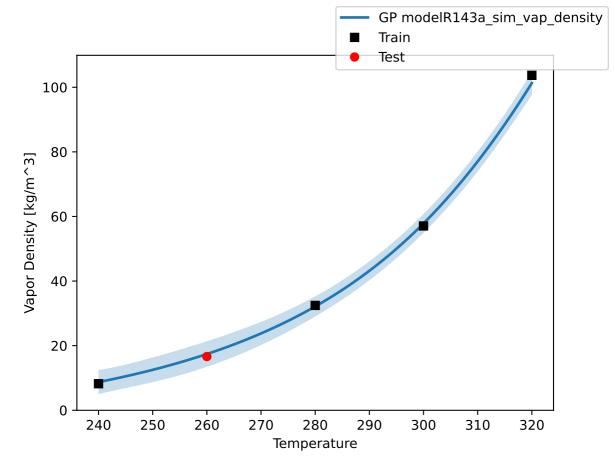


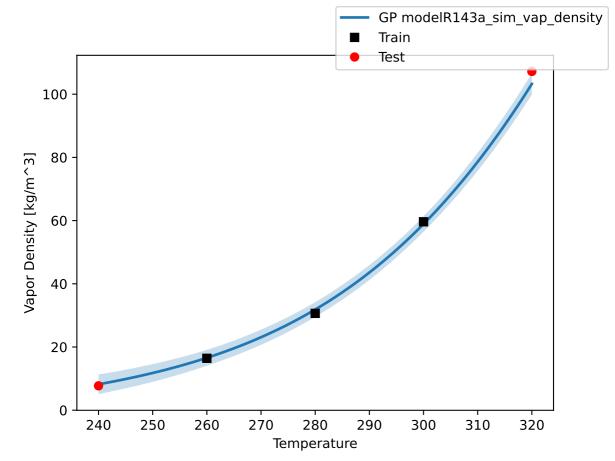


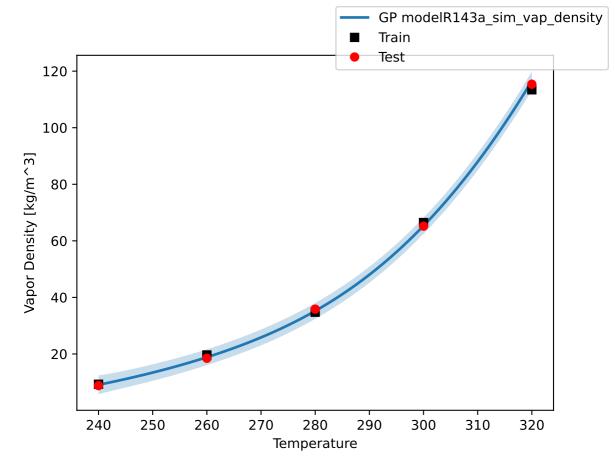


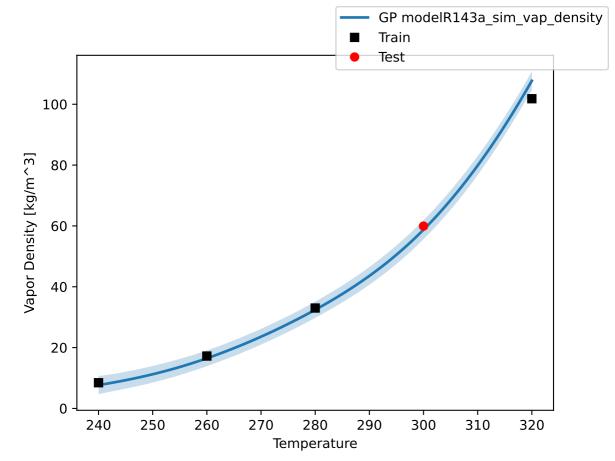


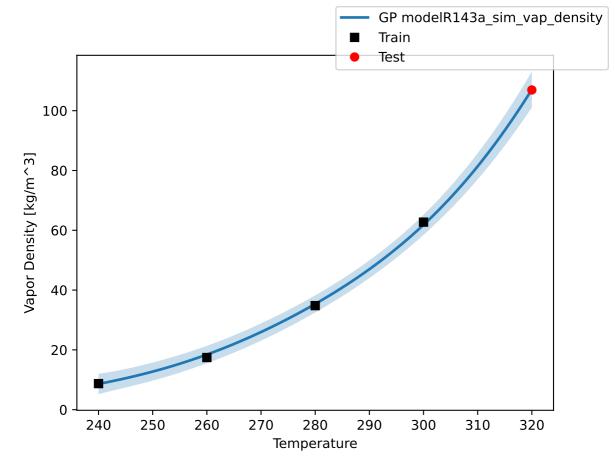


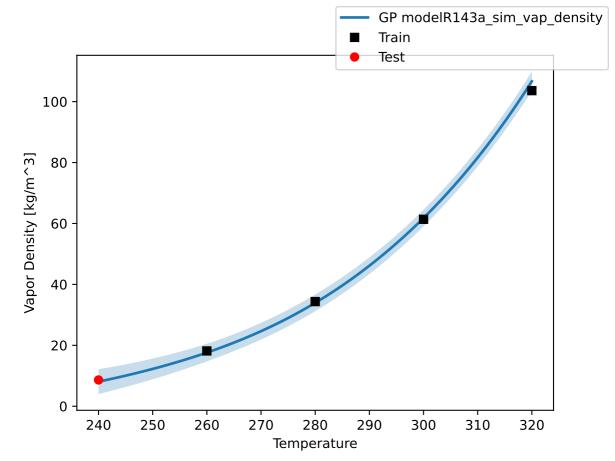


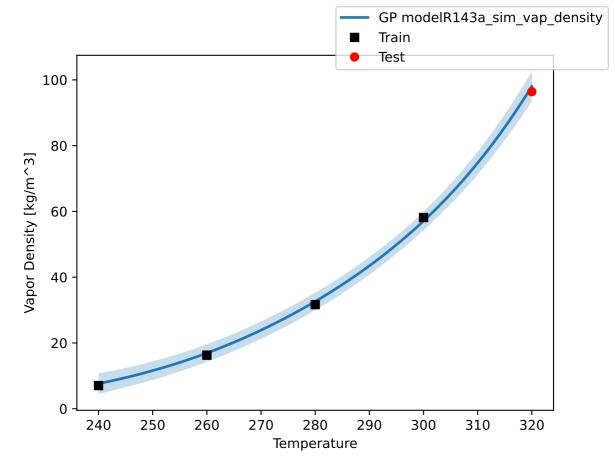


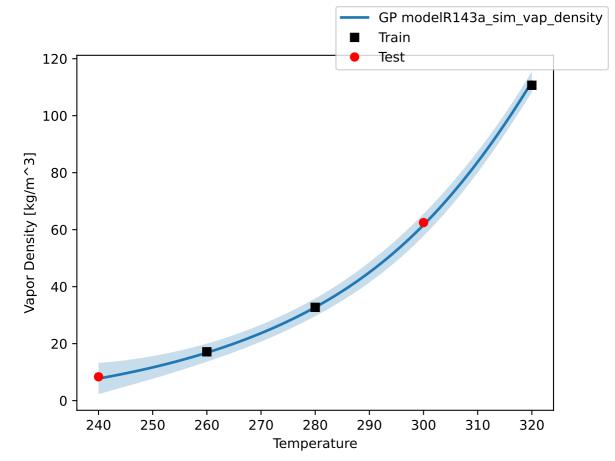


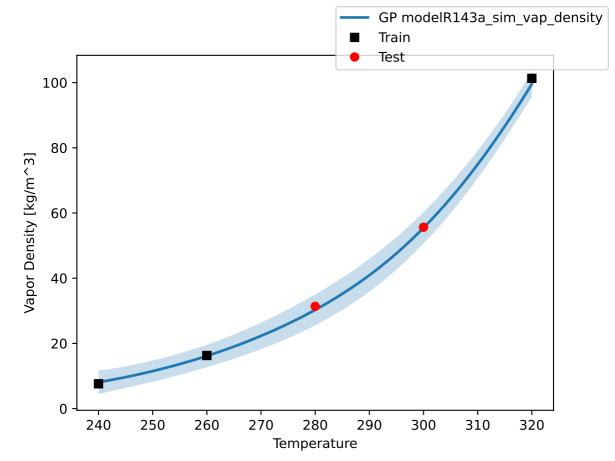


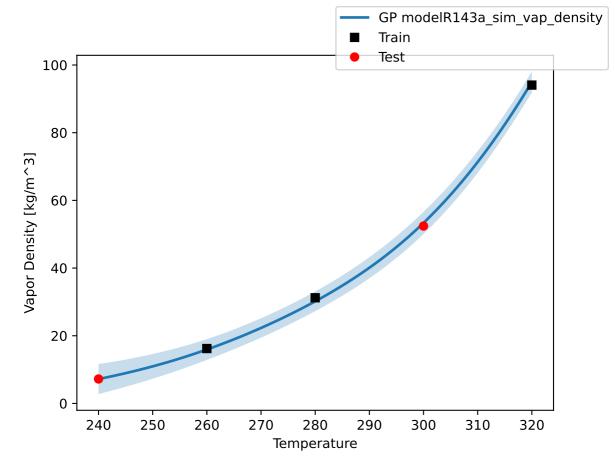


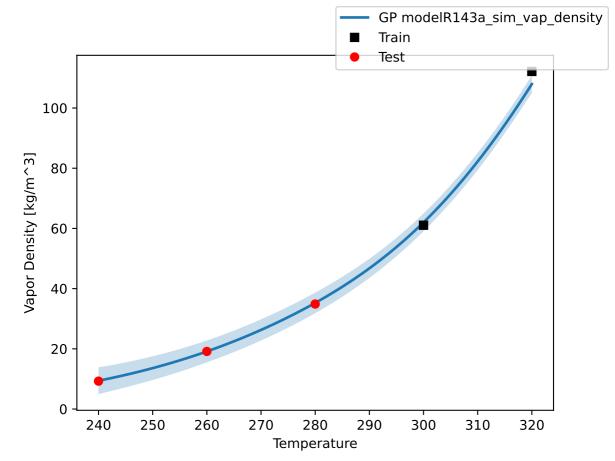


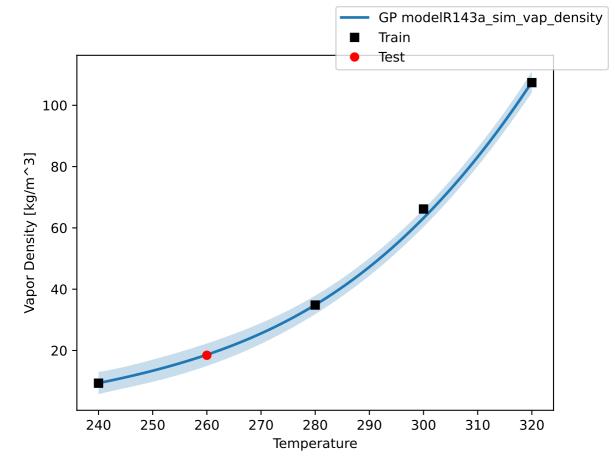


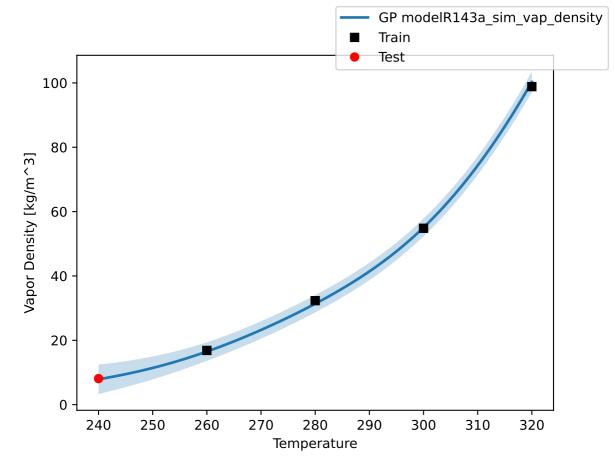


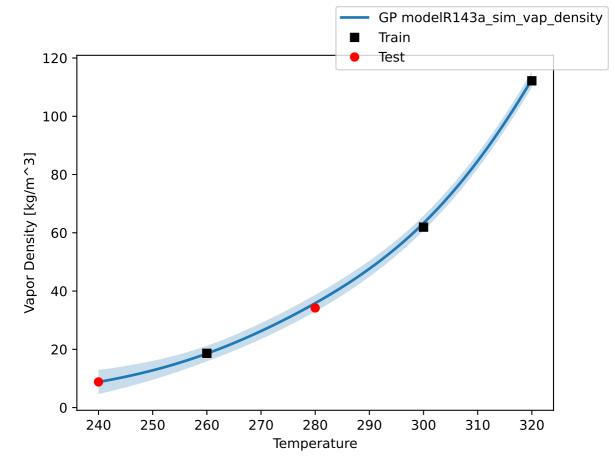


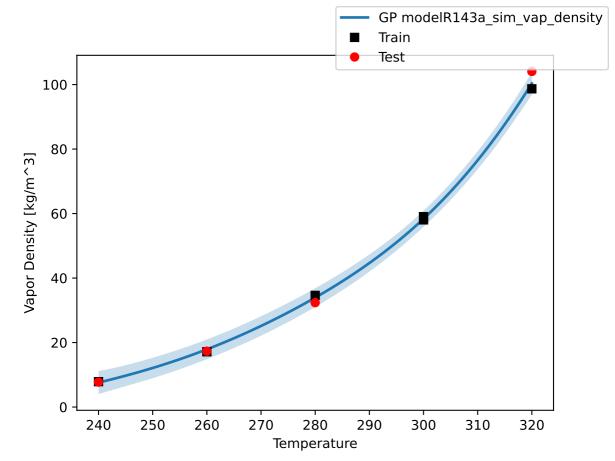


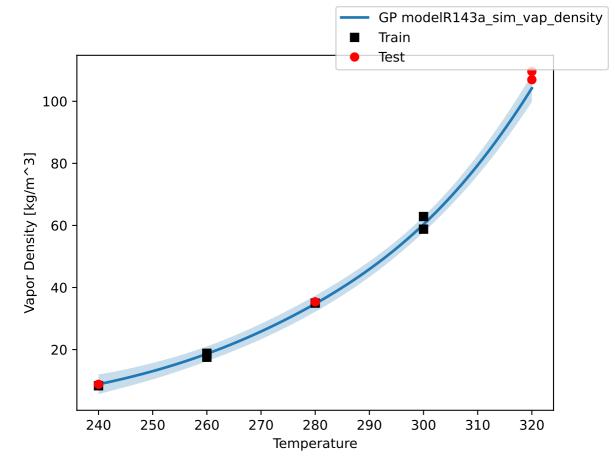


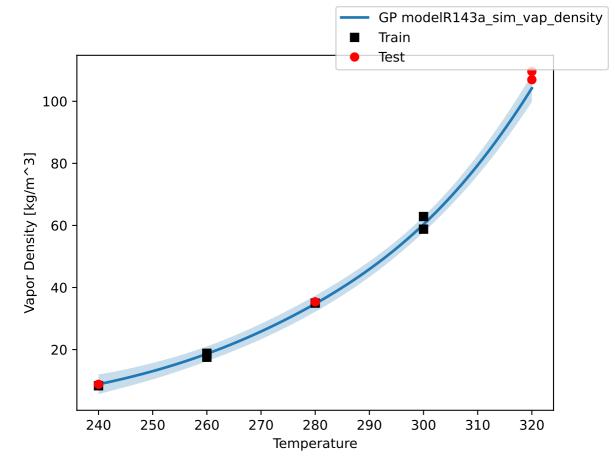


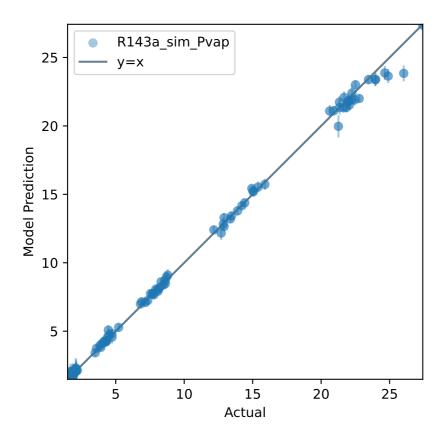


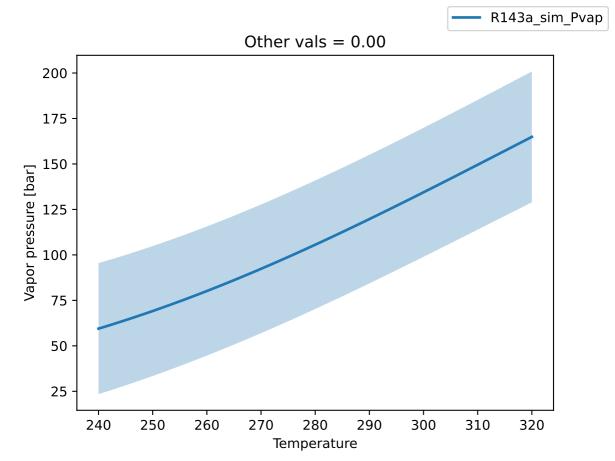


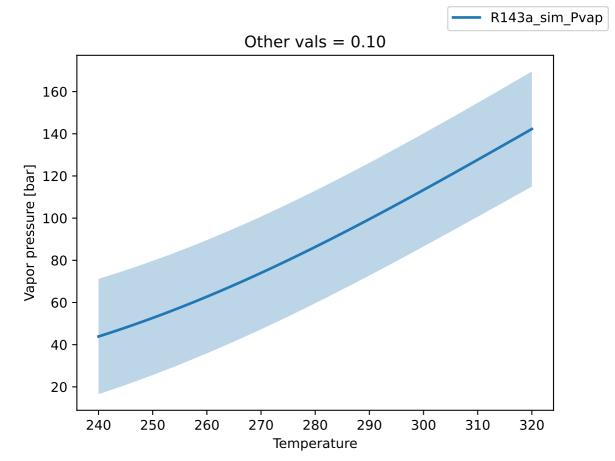


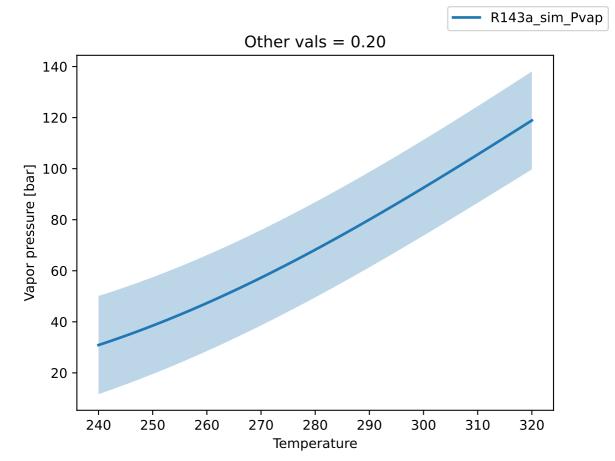


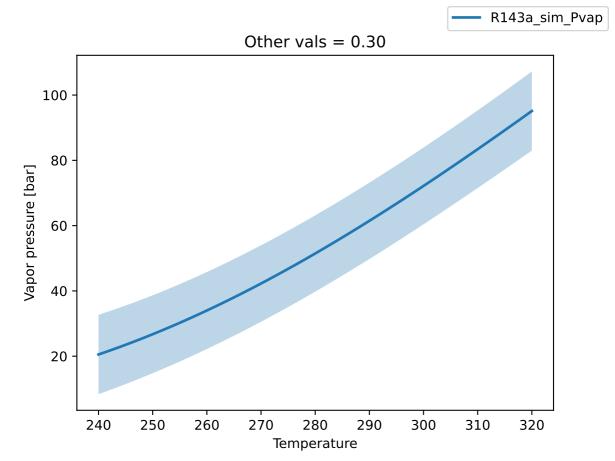


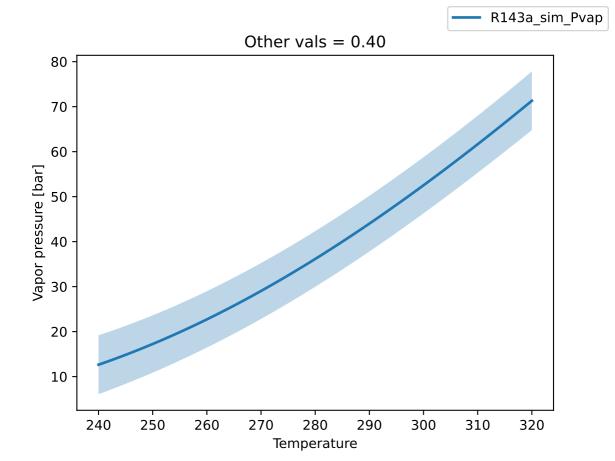


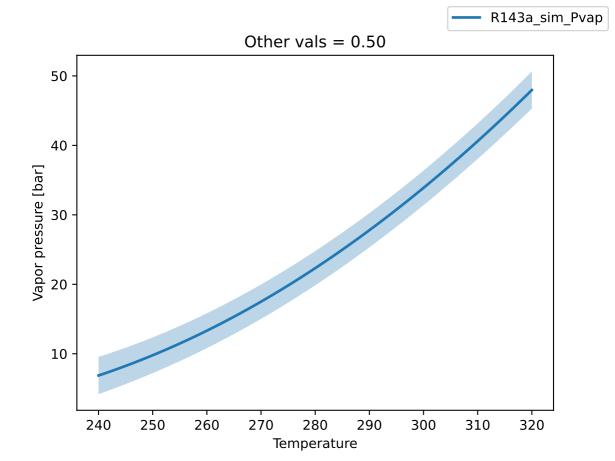


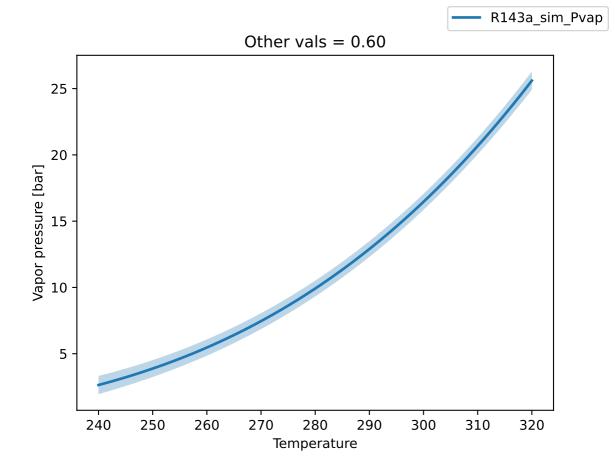


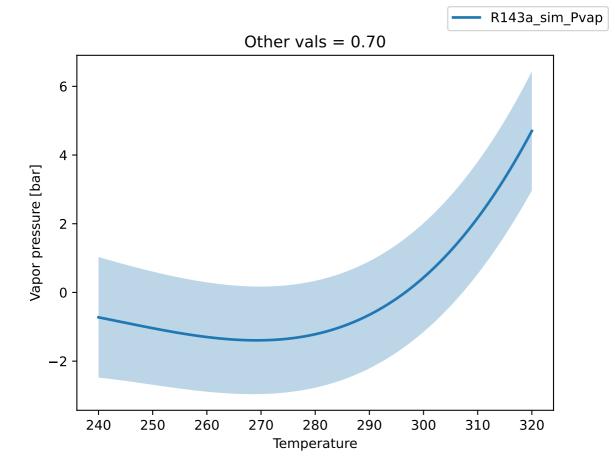


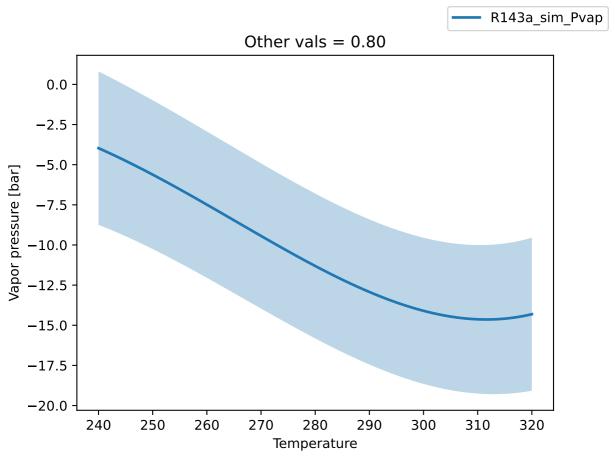


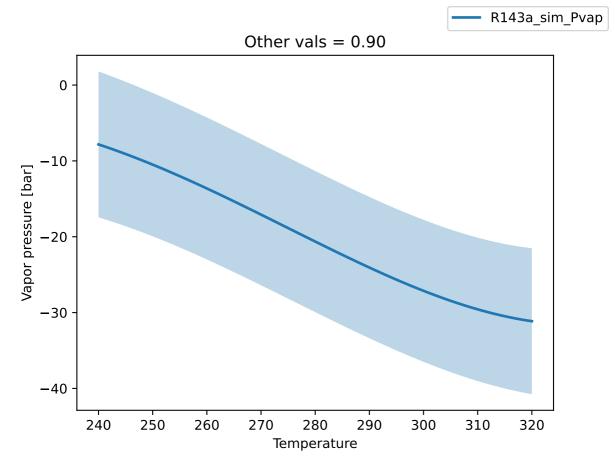


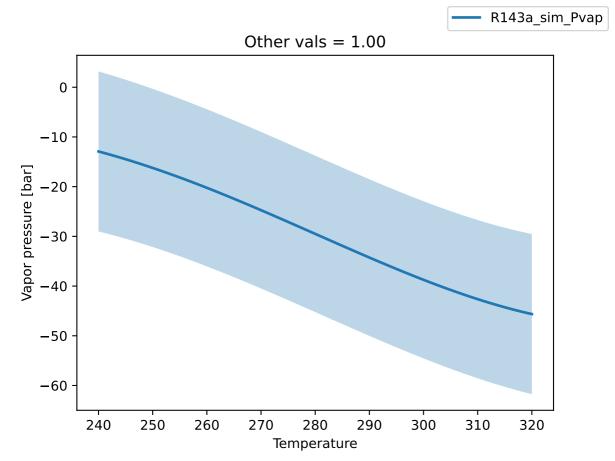


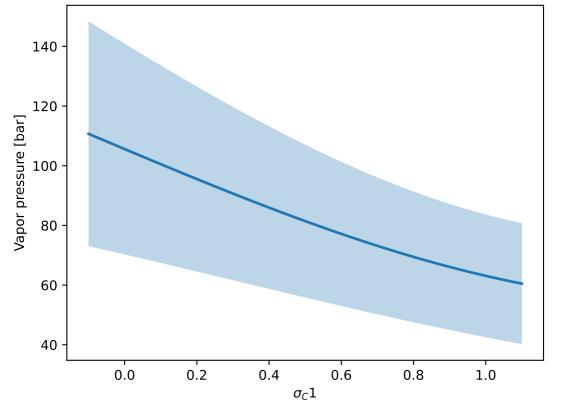


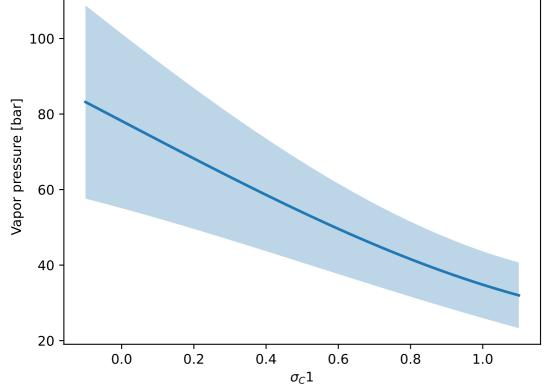


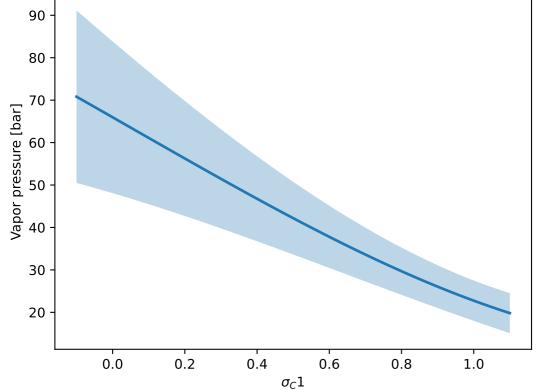


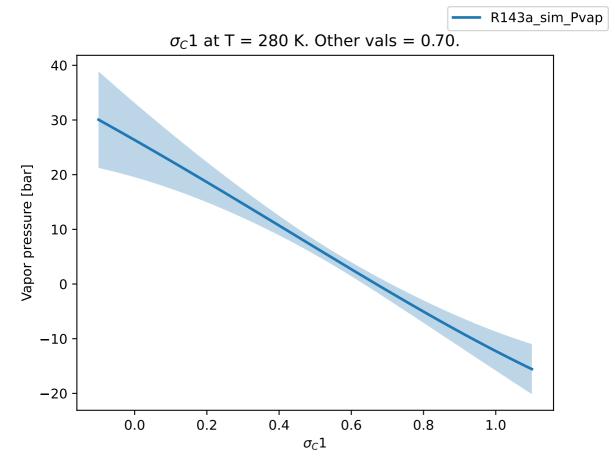


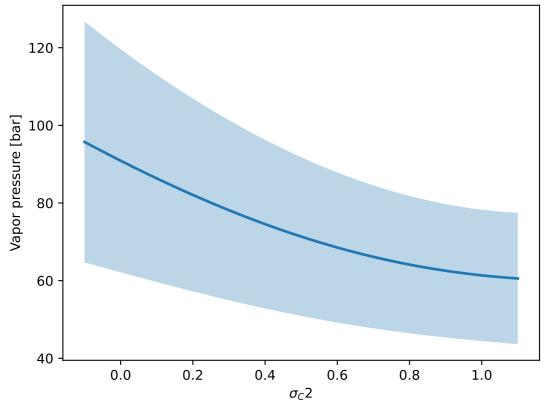




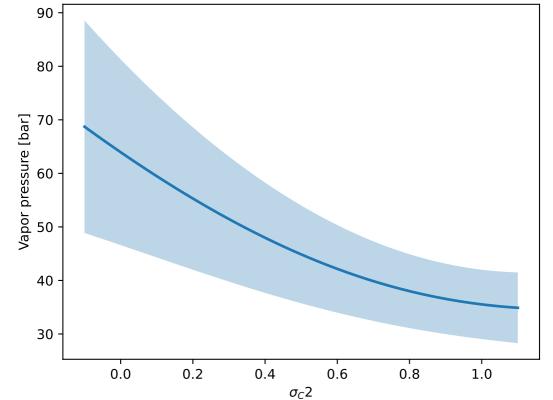




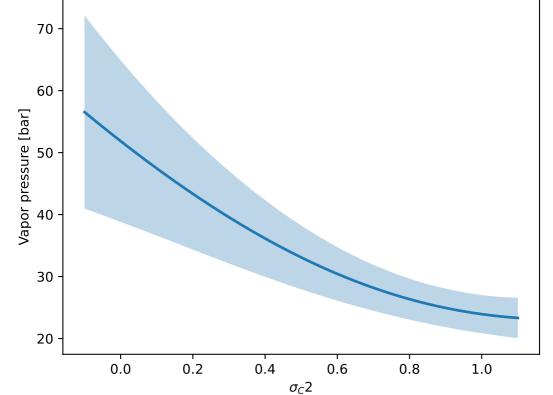


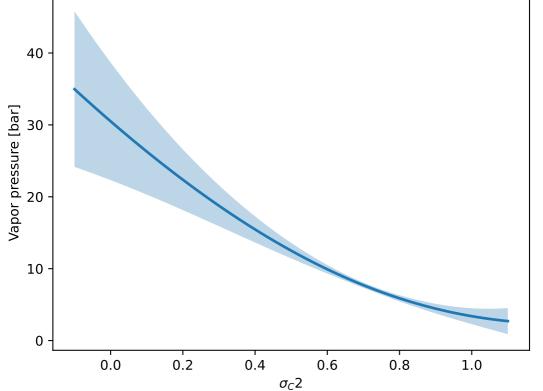


 σ_C 2 at T = 280 K. Other vals = 0.30.



 $\sigma_C 2$ at T = 280 K. Other vals = 0.40.

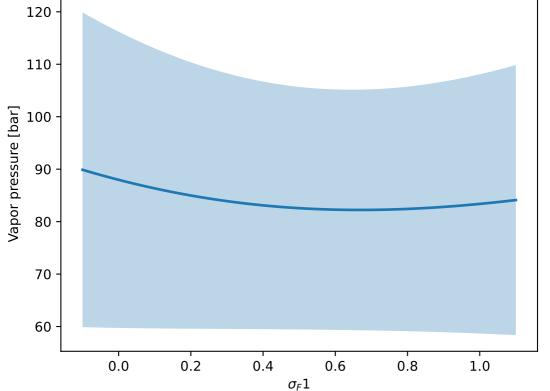




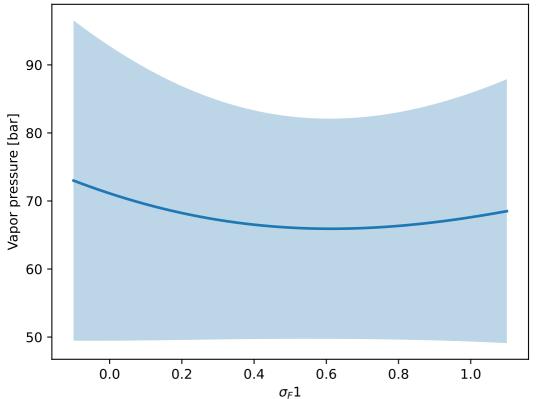
 σ_C 2

8.0

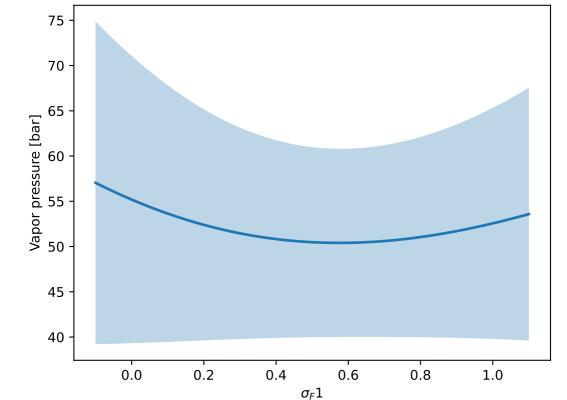
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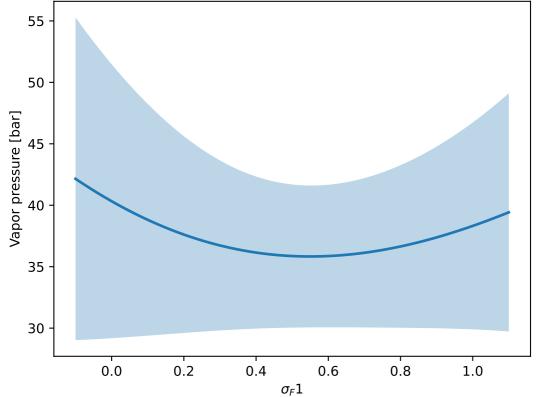


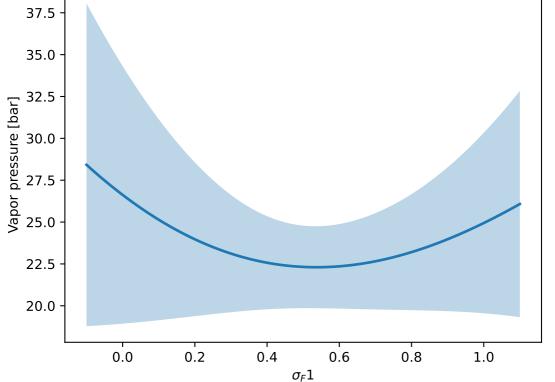
 $\sigma_F 1$ at T = 280 K. Other vals = 0.20.



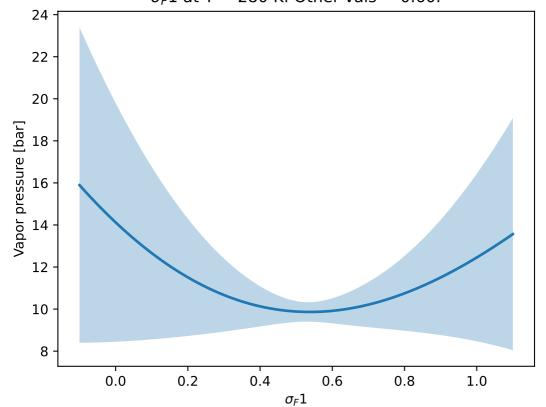
 $\sigma_F 1$ at T = 280 K. Other vals = 0.30.

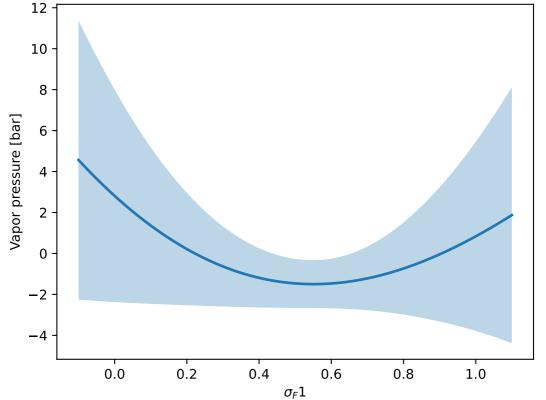


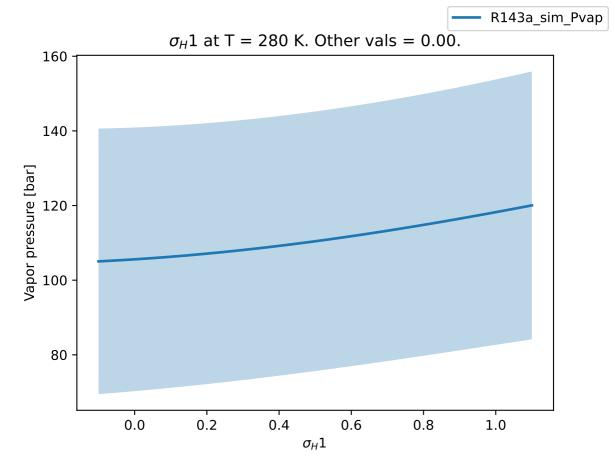


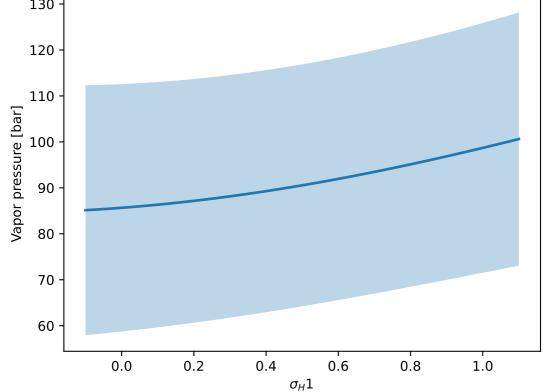


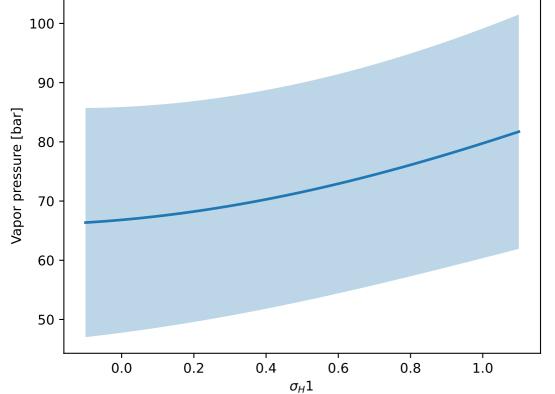
 $\sigma_F 1$ at T = 280 K. Other vals = 0.60.



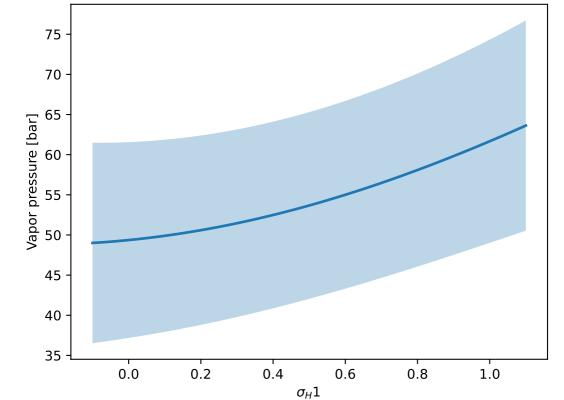




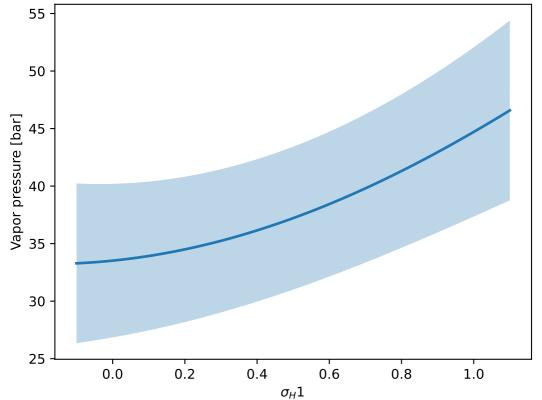


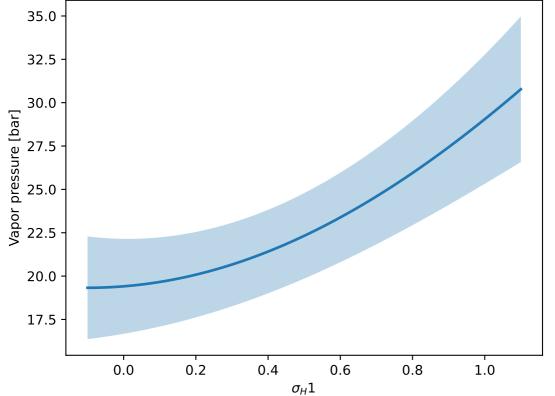


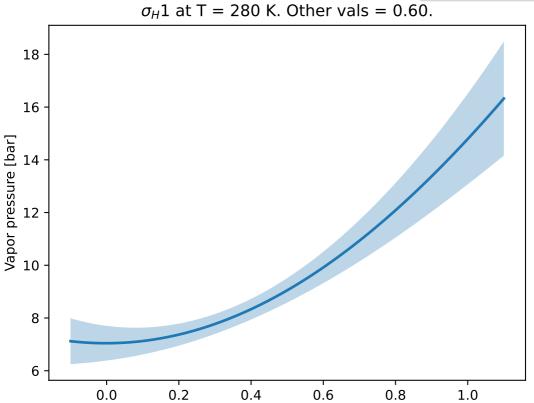
 $\sigma_H 1$ at T = 280 K. Other vals = 0.30.



 $\sigma_H 1$ at T = 280 K. Other vals = 0.40.







0.4

 $\sigma_H 1$

0.6

0.8

0.2

0.0

0.4

 $\sigma_H 1$

0.6

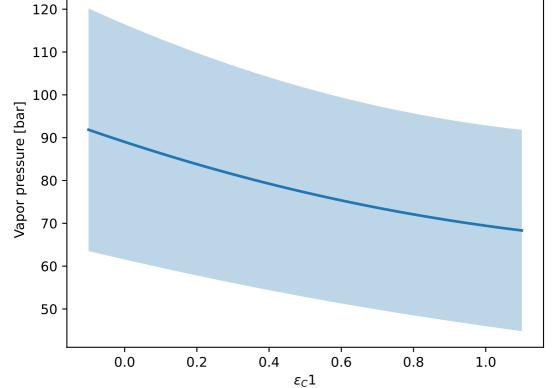
0.8

0.2

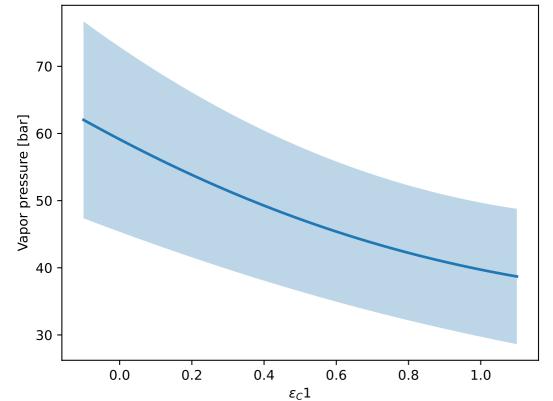
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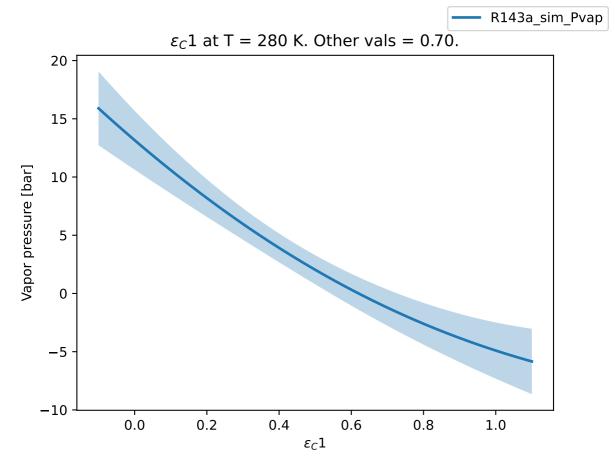
1.0

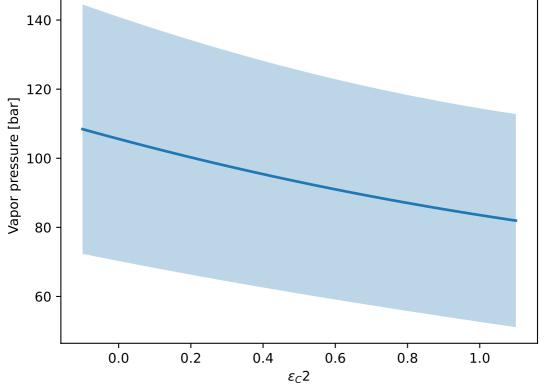
 $\varepsilon_C 1$ at T = 280 K. Other vals = 0.10.



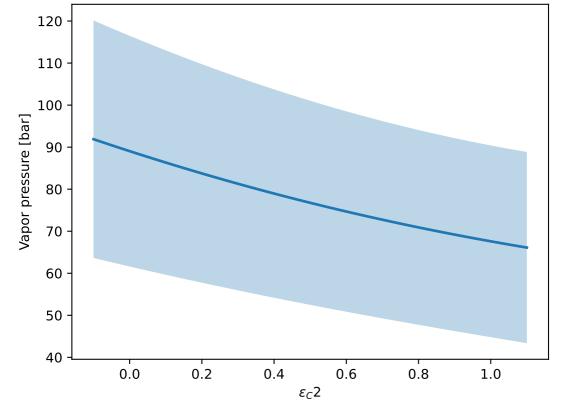
 $\varepsilon_C 1$ at T = 280 K. Other vals = 0.30.



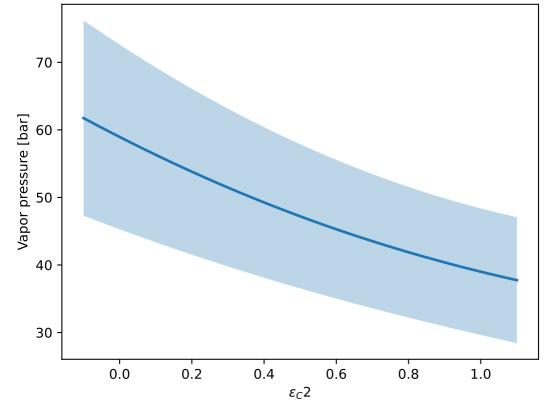




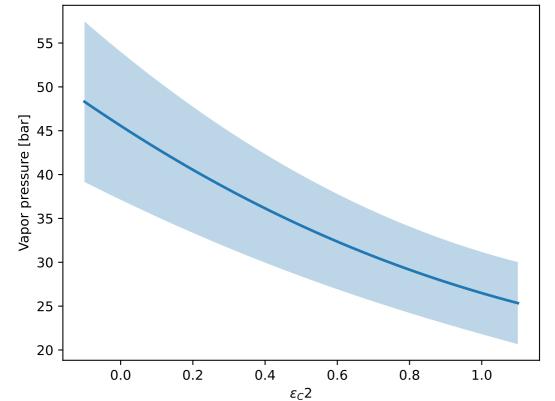
 ε_C 2 at T = 280 K. Other vals = 0.10.



 ε_C 2 at T = 280 K. Other vals = 0.30.



 ε_C 2 at T = 280 K. Other vals = 0.40.



0.0

0.4

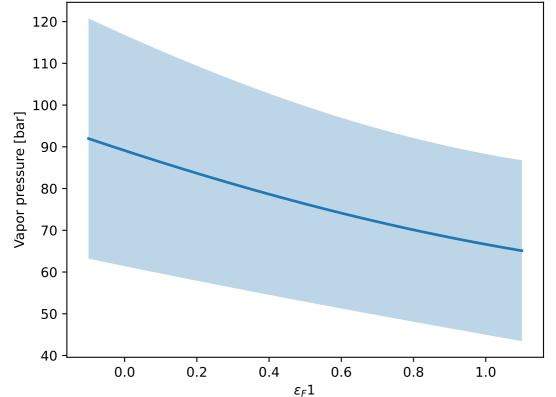
 $\varepsilon_C 2$

0.6

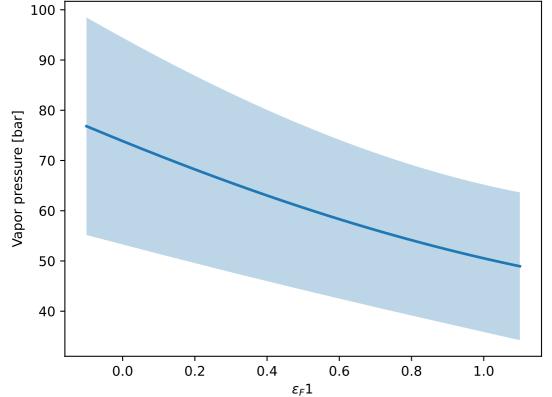
0.8

 $\varepsilon_{\it F} 1$

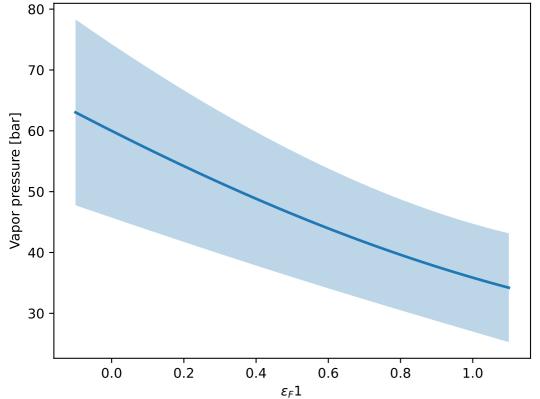
 $\varepsilon_F 1$ at T = 280 K. Other vals = 0.10.

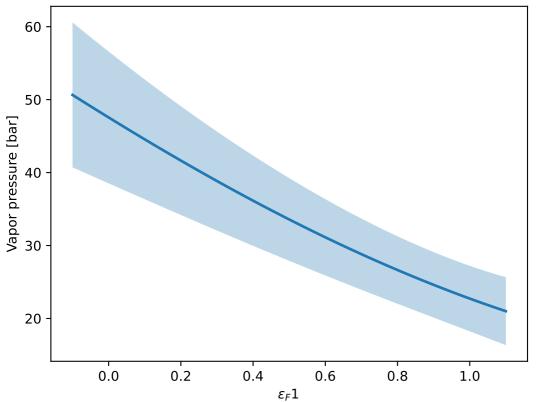


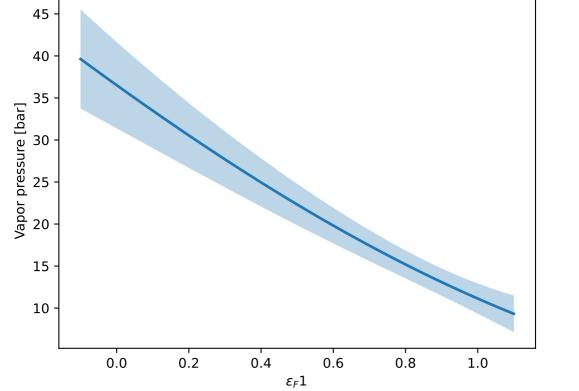
 $\varepsilon_F 1$ at T = 280 K. Other vals = 0.20.

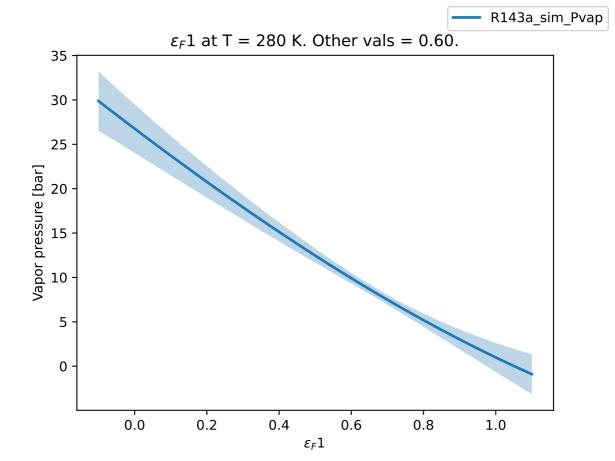


 $\varepsilon_F 1$ at T = 280 K. Other vals = 0.30.

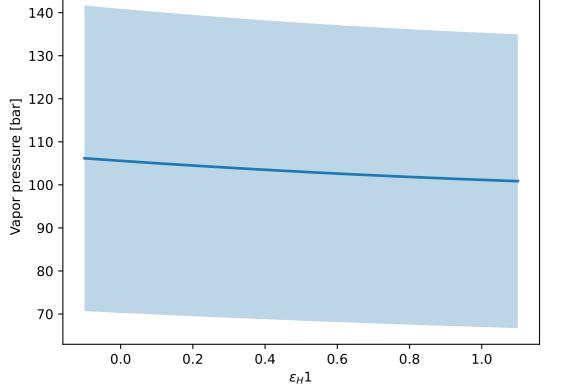


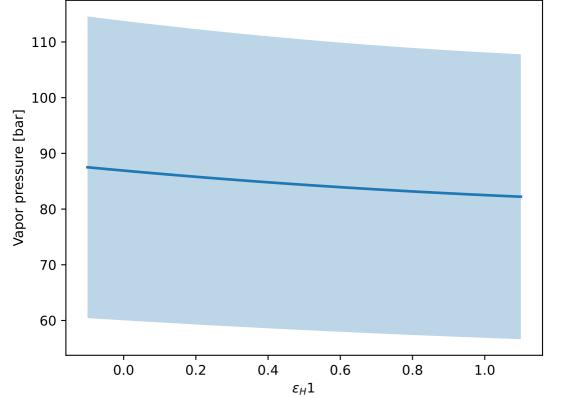


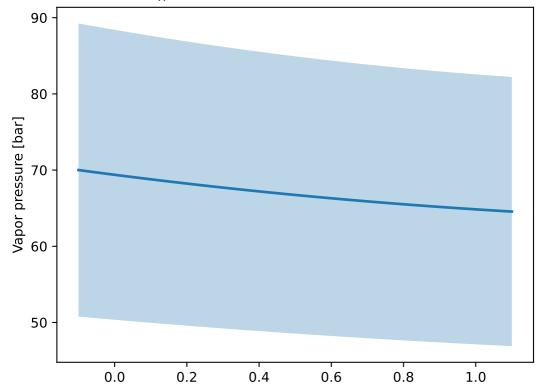




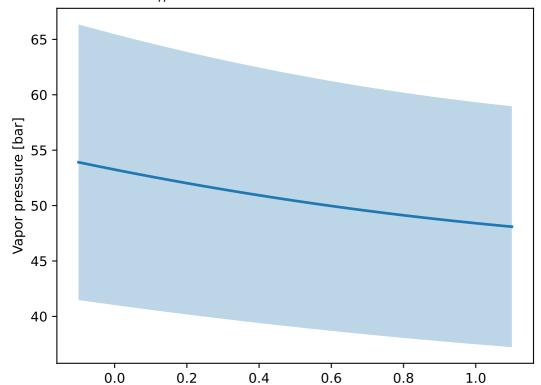
 $\varepsilon_{\it F} 1$



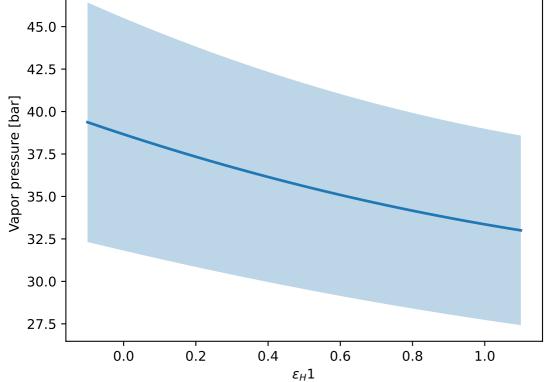




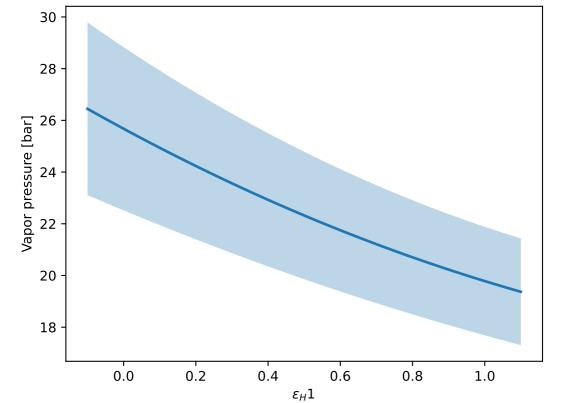
 $\varepsilon_H 1$



 $\varepsilon_H 1$



 $\varepsilon_H 1$ at T = 280 K. Other vals = 0.50.



 $\varepsilon_H 1$

 $\varepsilon_H 1$

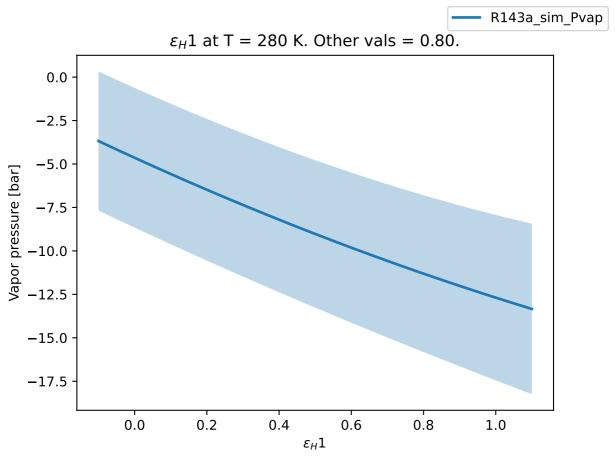
0.6

0.8

1.0

0.2

0.0



0.2

0.0

0.4

 $\varepsilon_H 1$

0.6

8.0

-30

 $\varepsilon_H 1$

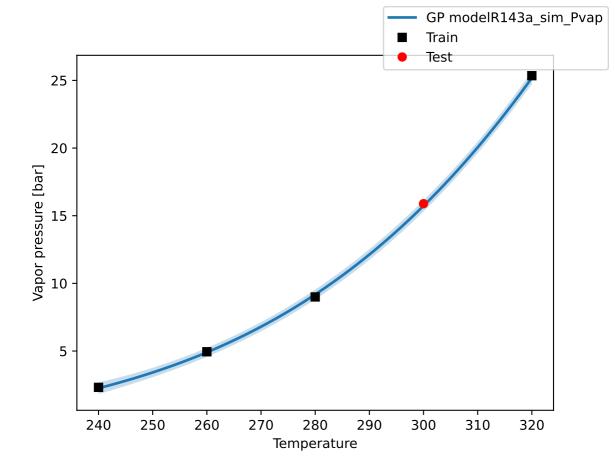
0.6

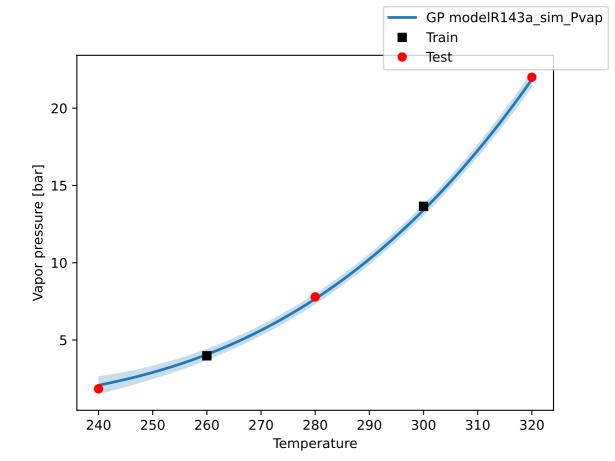
8.0

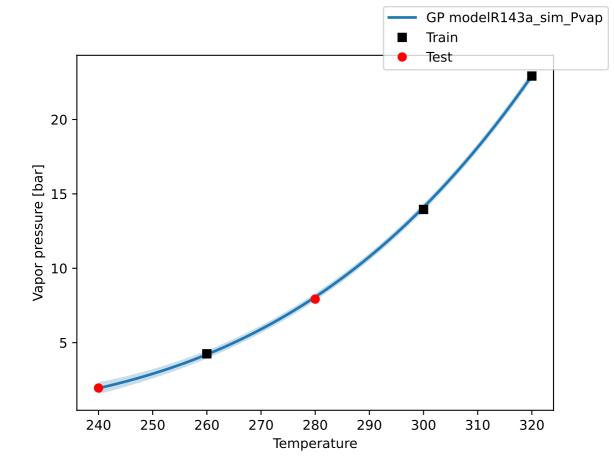
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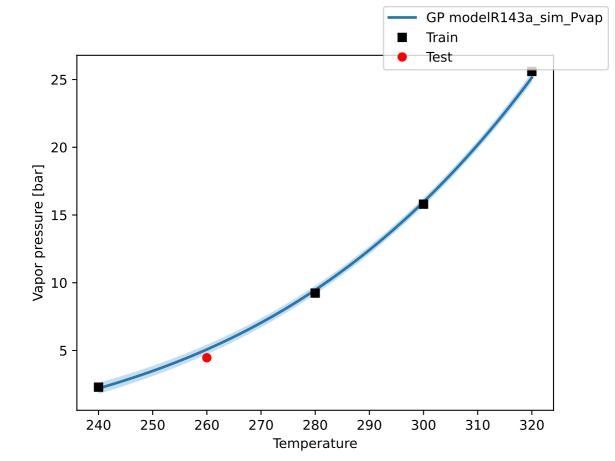
0.2

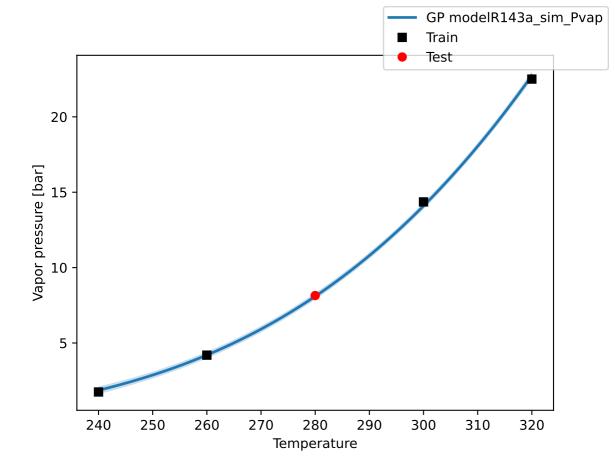
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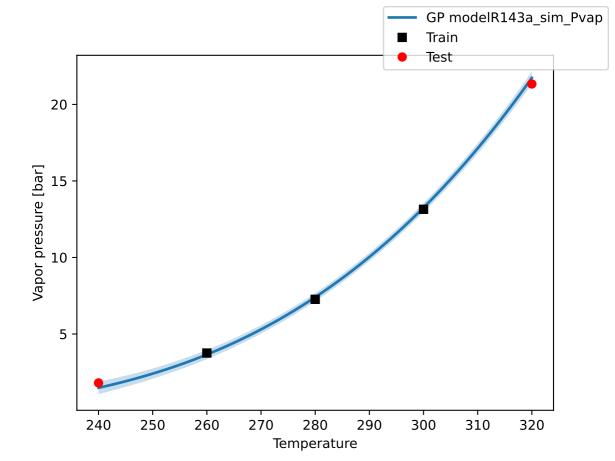


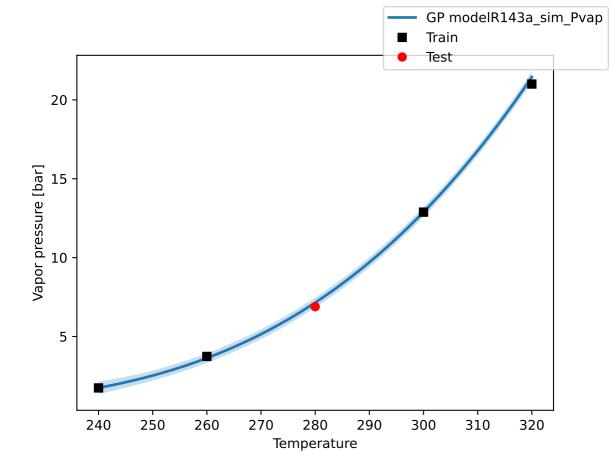


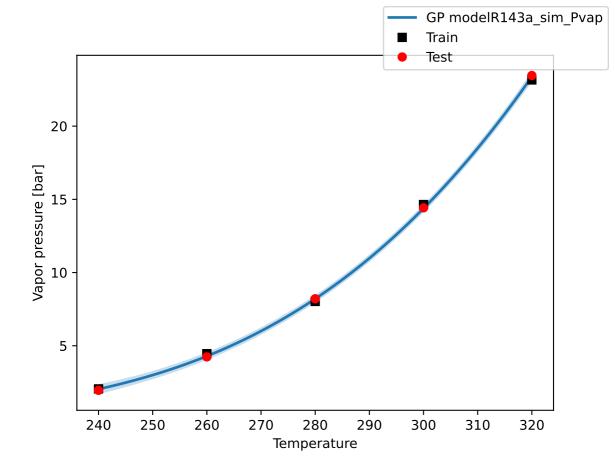


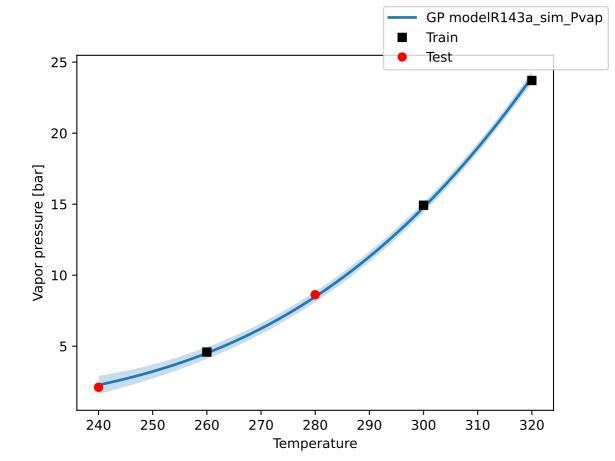


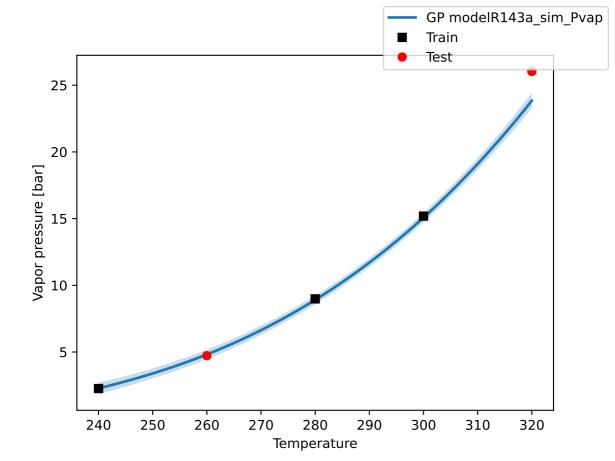


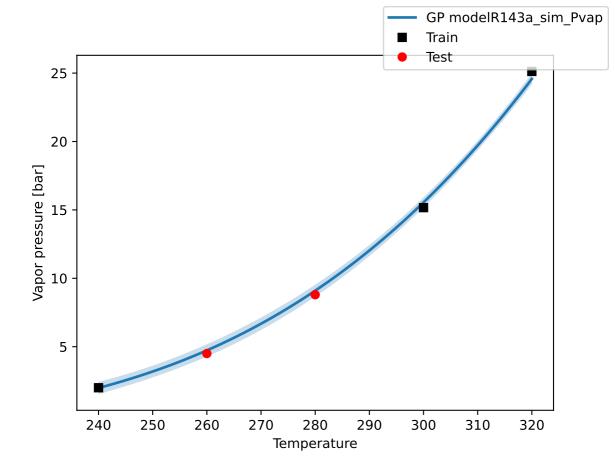


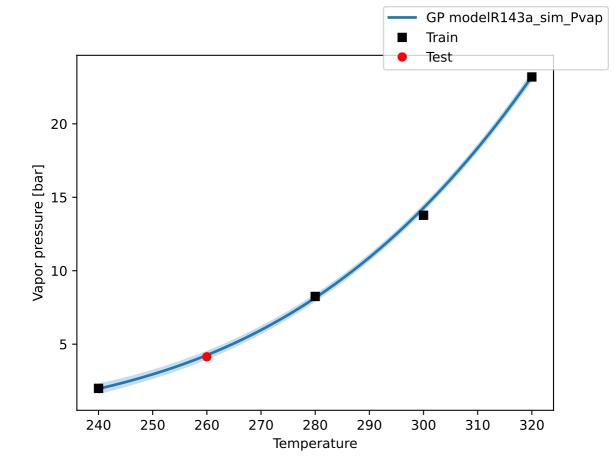


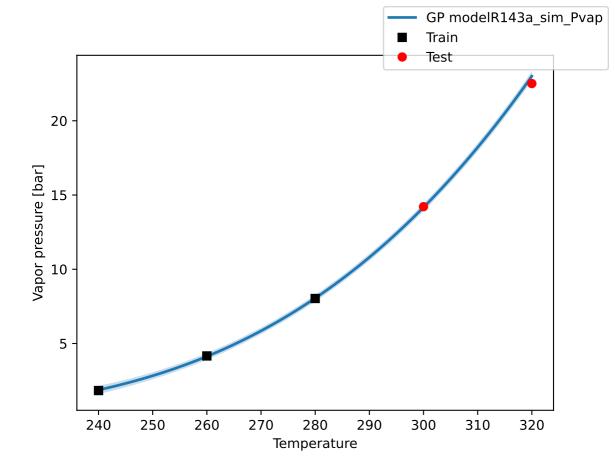


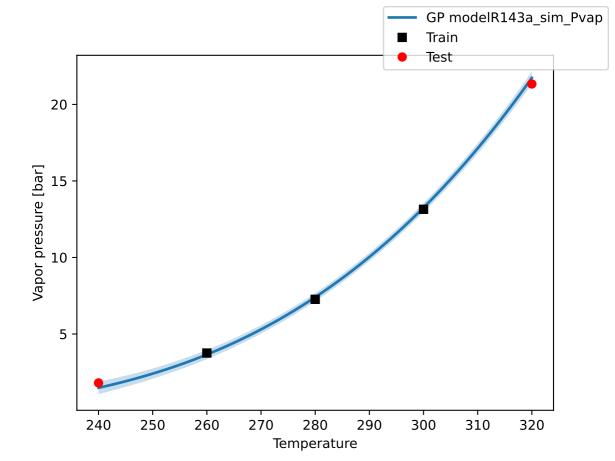


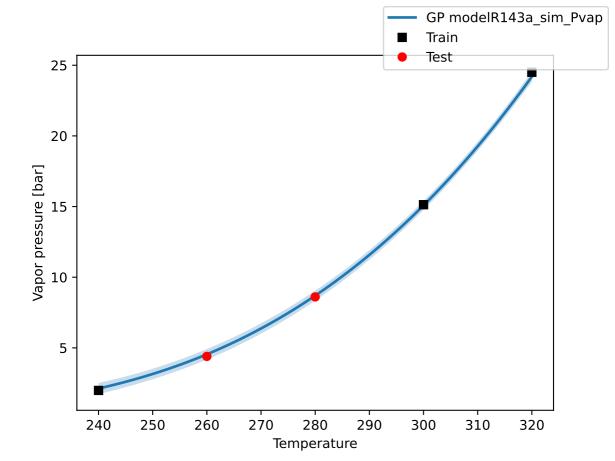


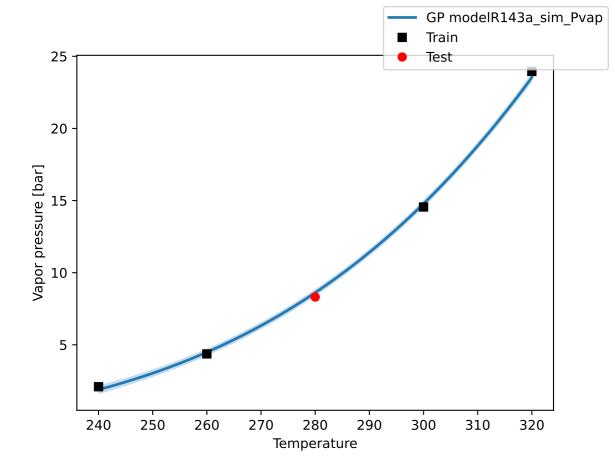


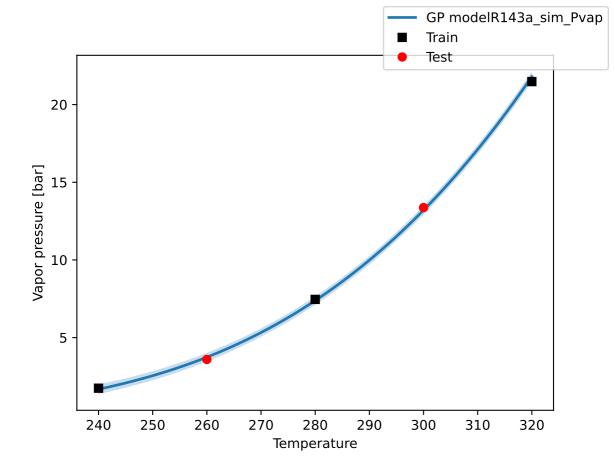


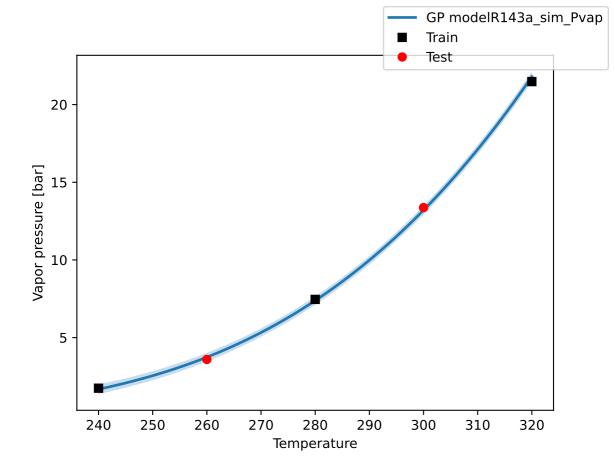


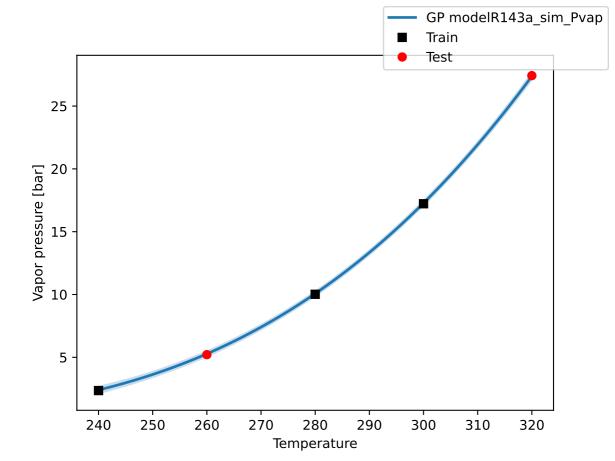


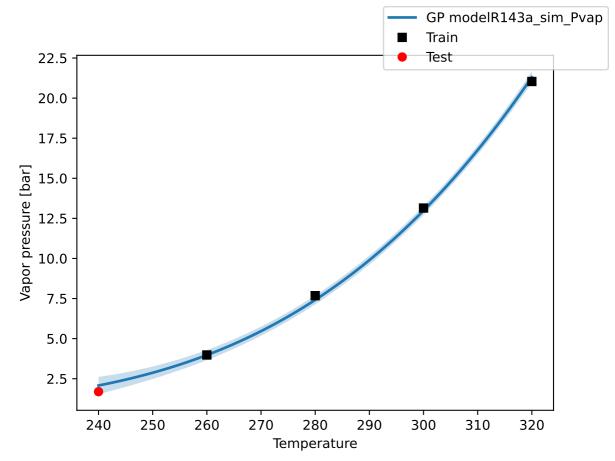


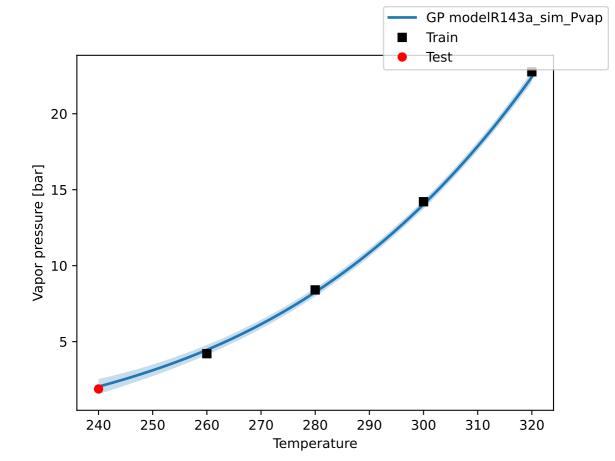


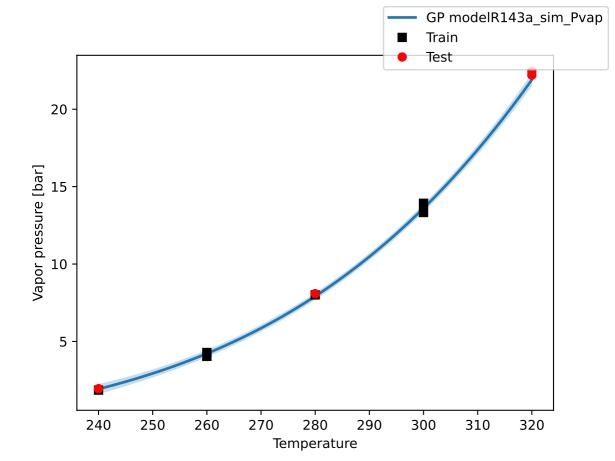


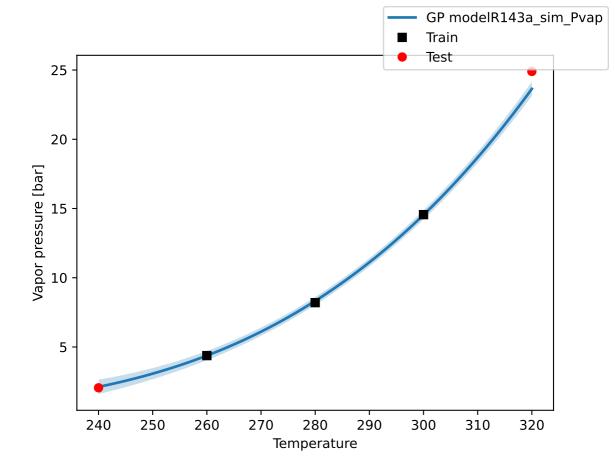


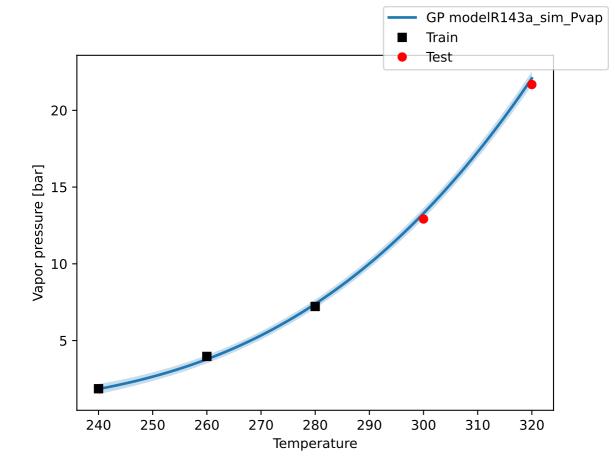


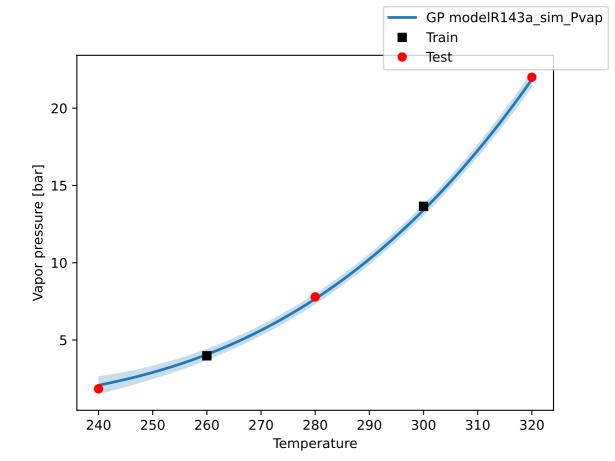


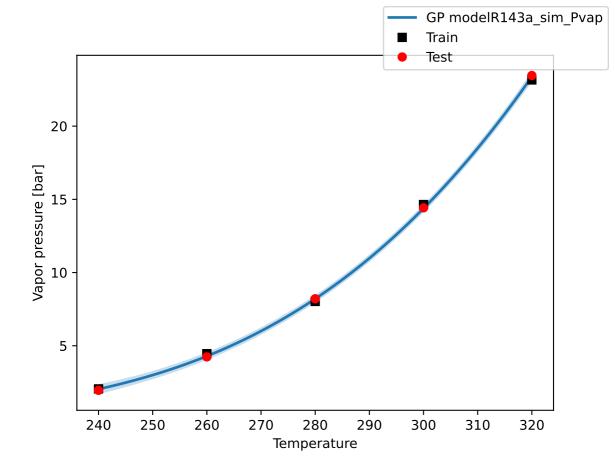


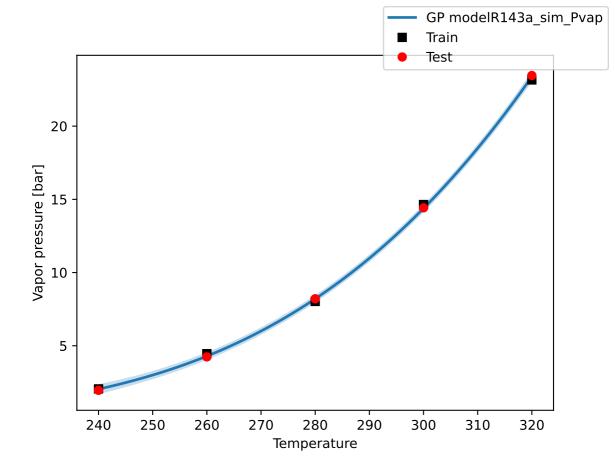


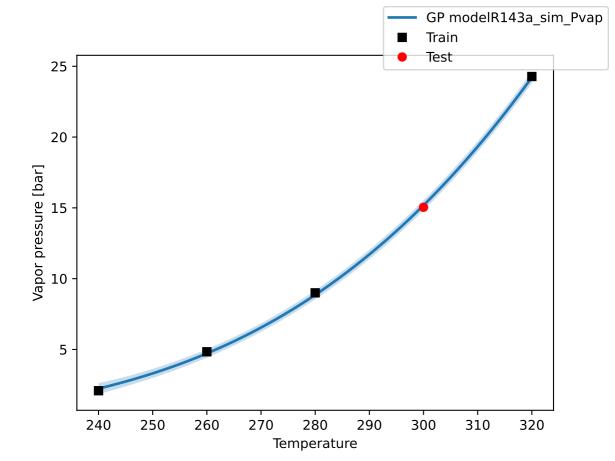


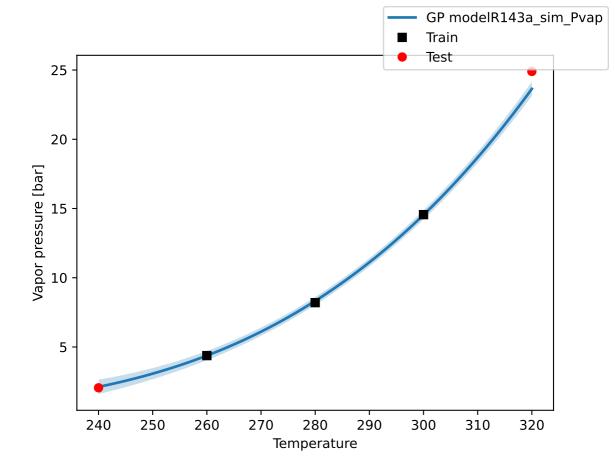


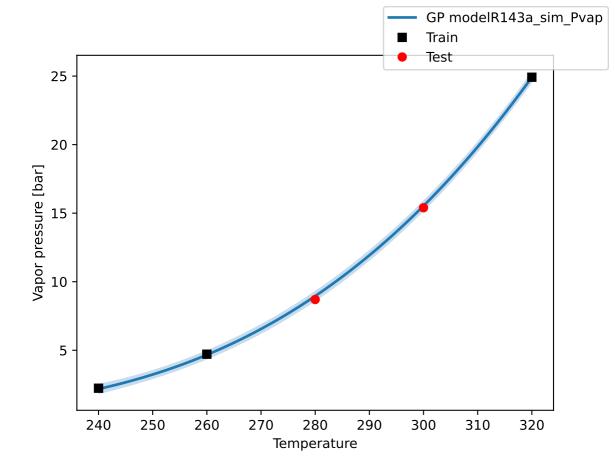


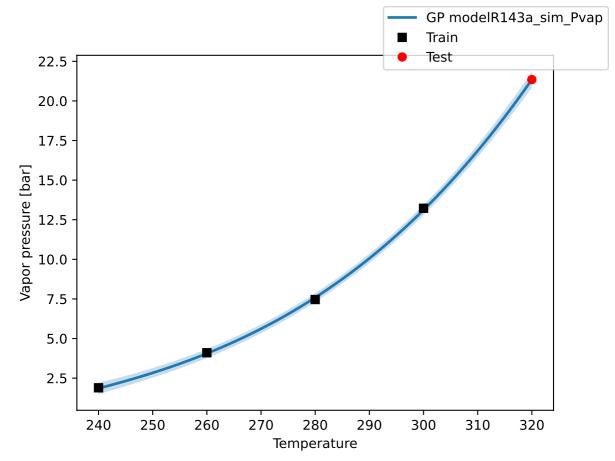


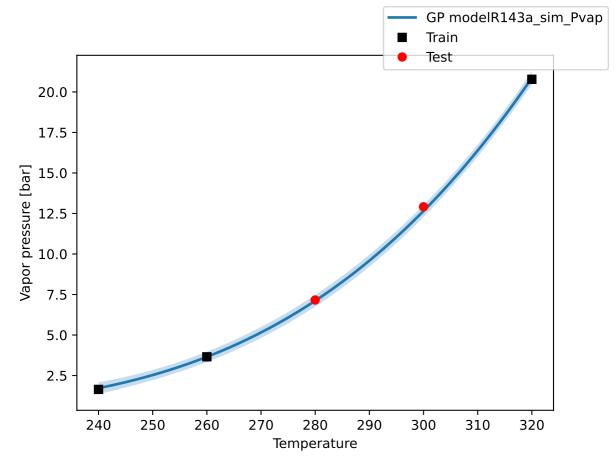


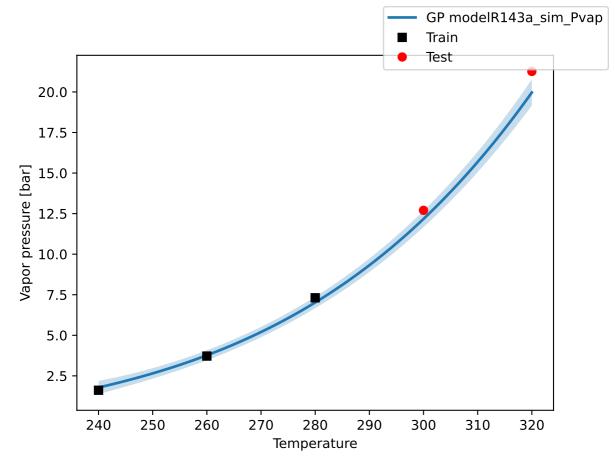


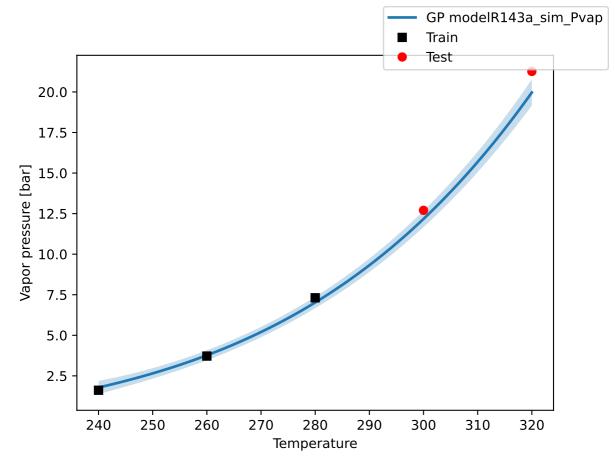


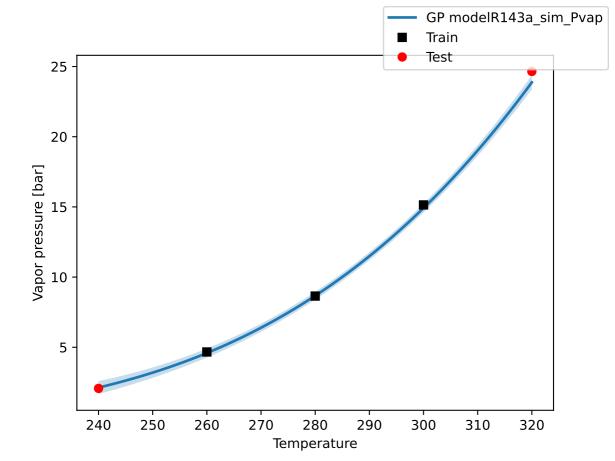


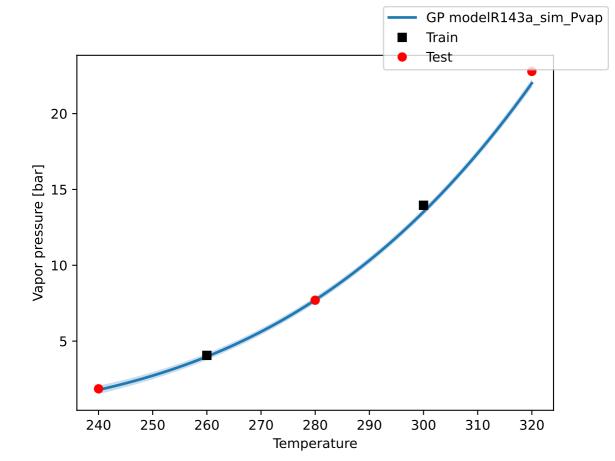


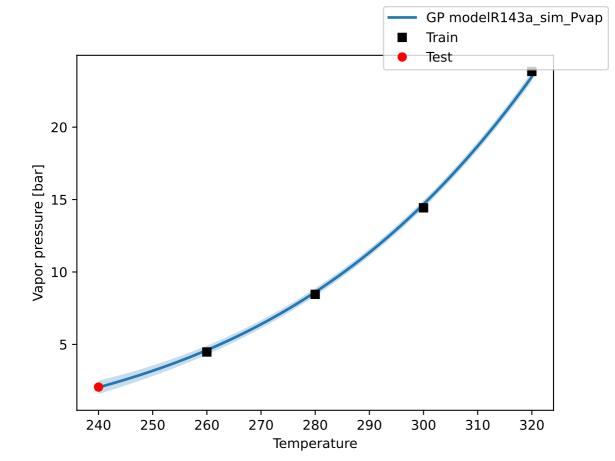


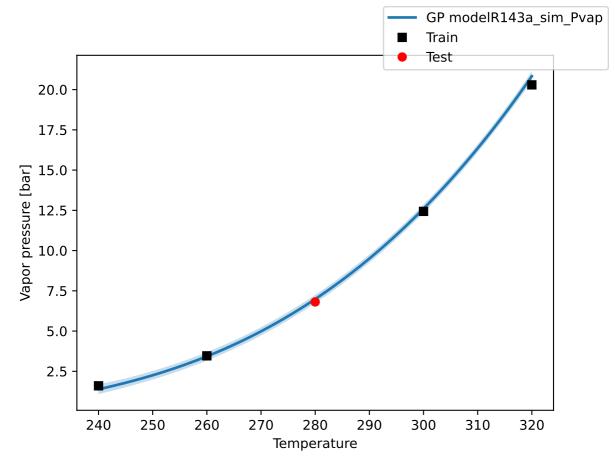


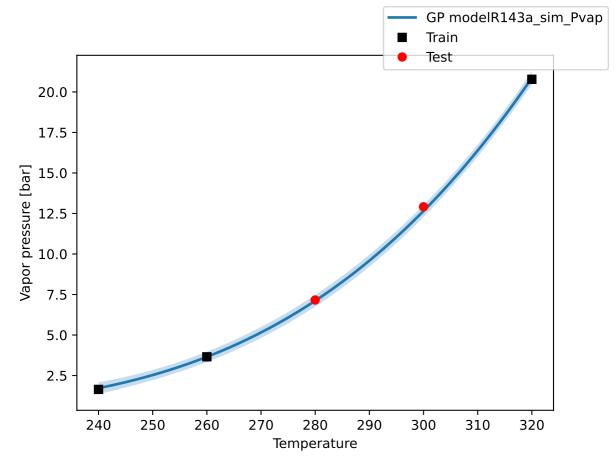


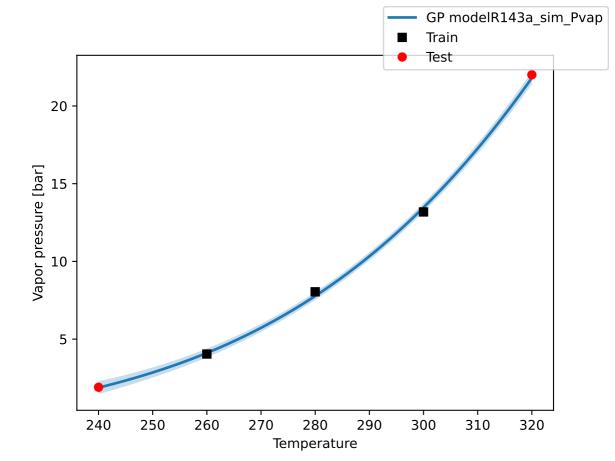


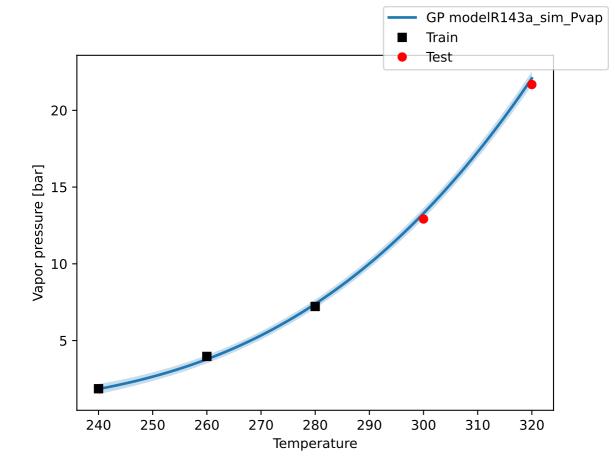


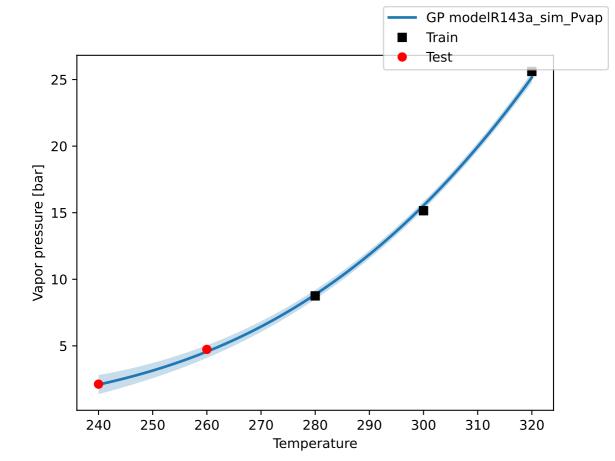


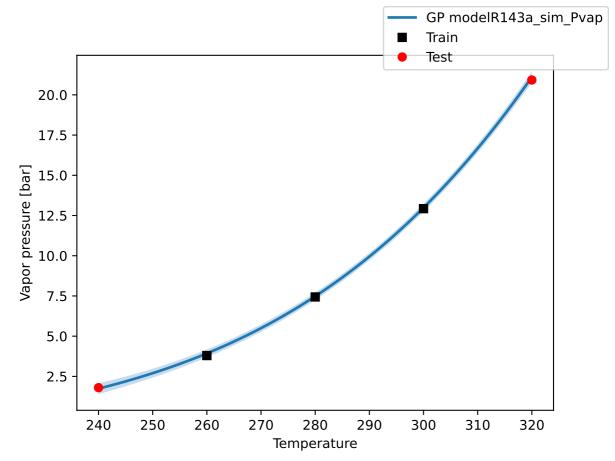


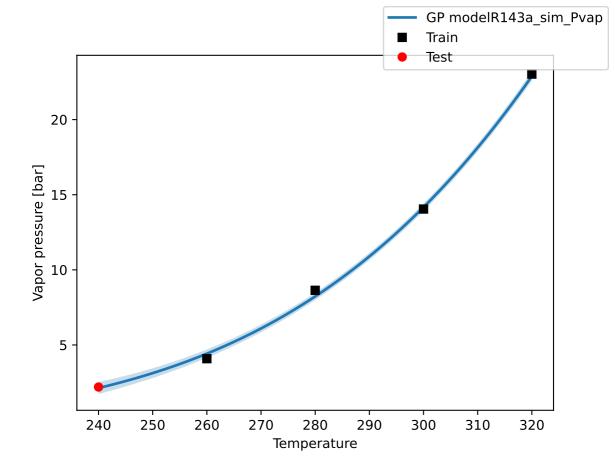


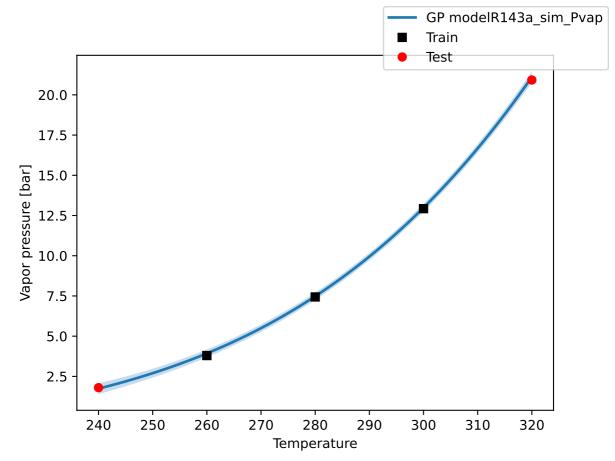


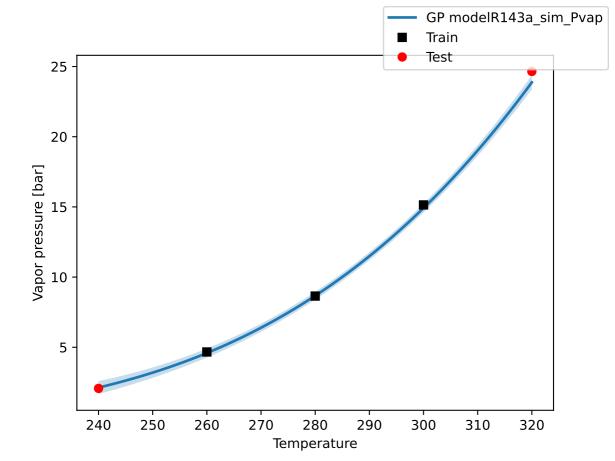


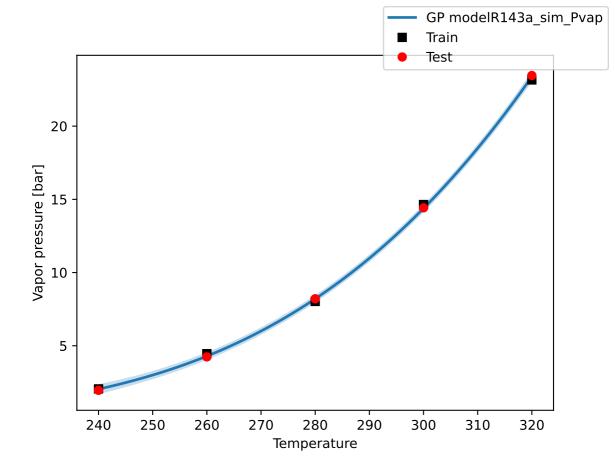


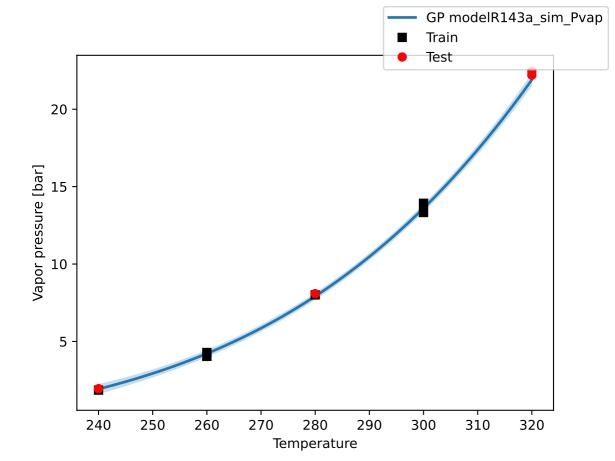


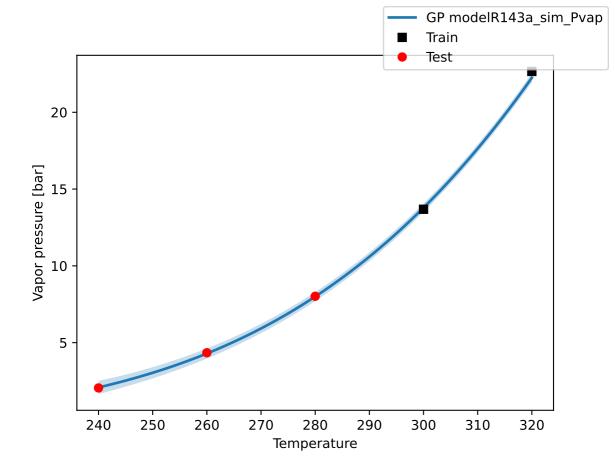


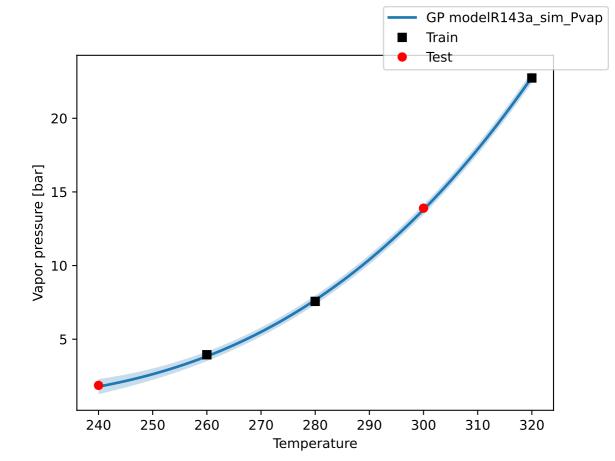


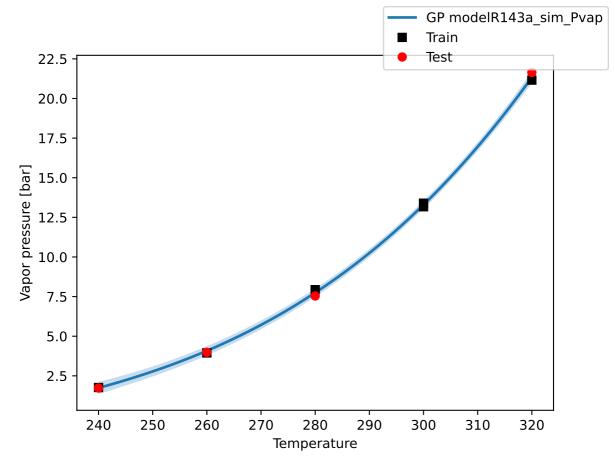


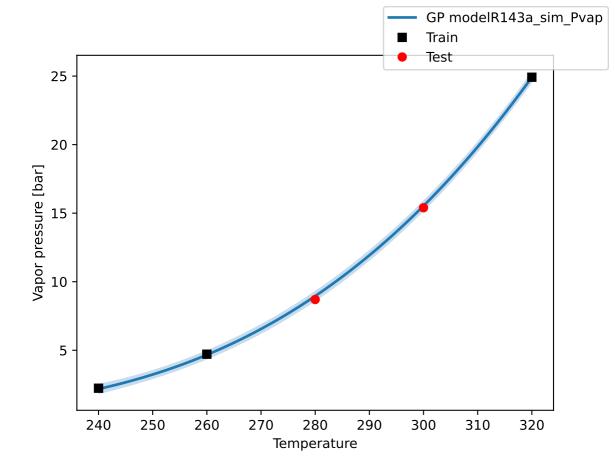


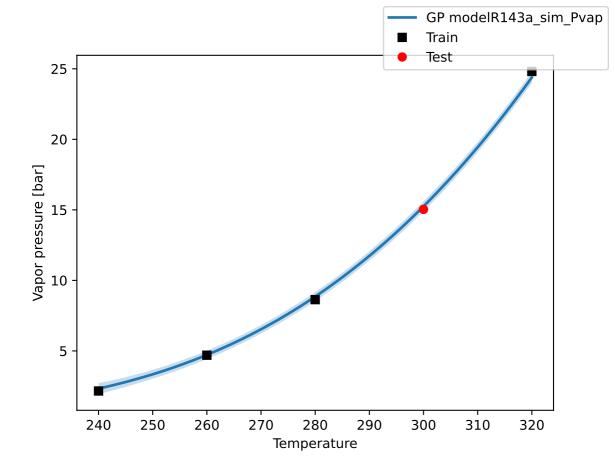


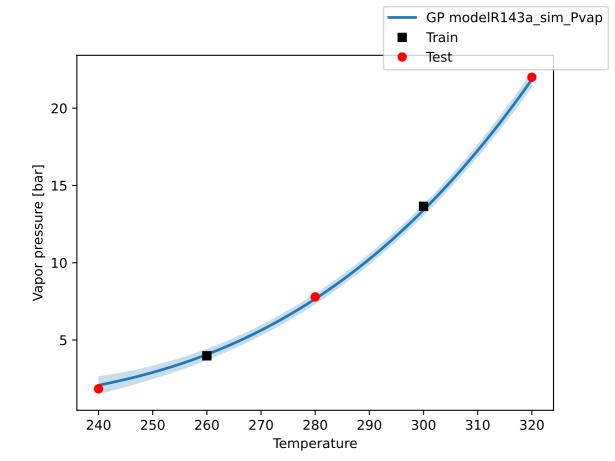


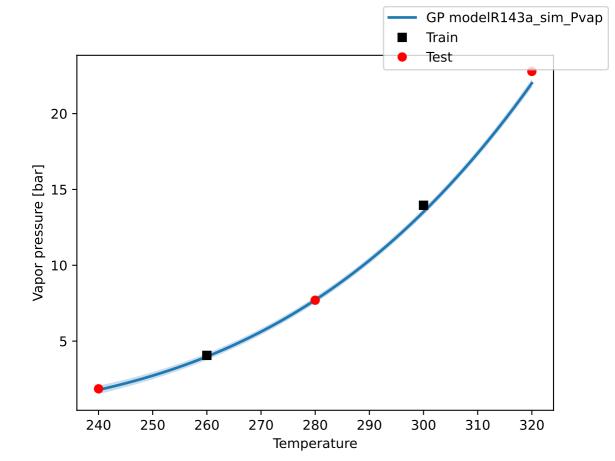


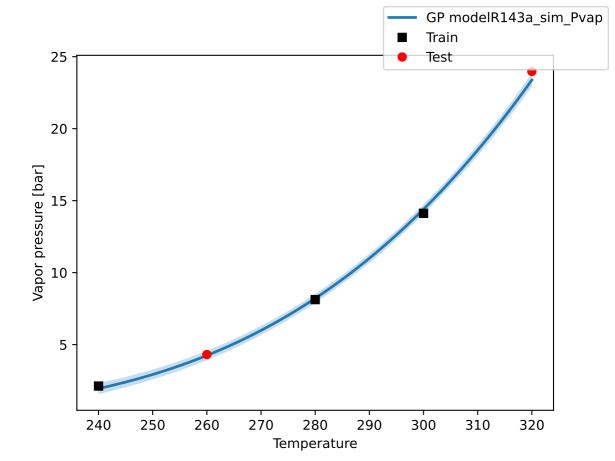


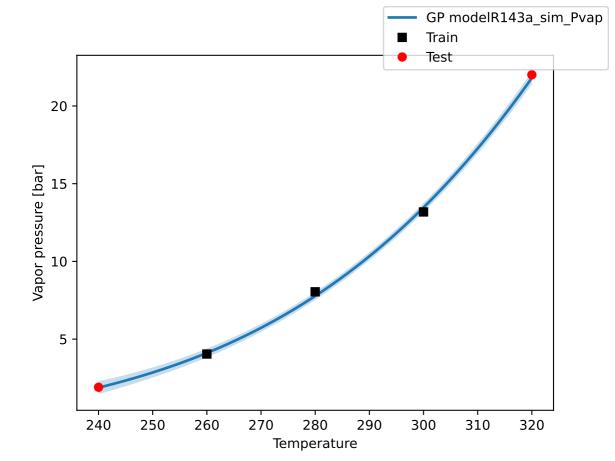


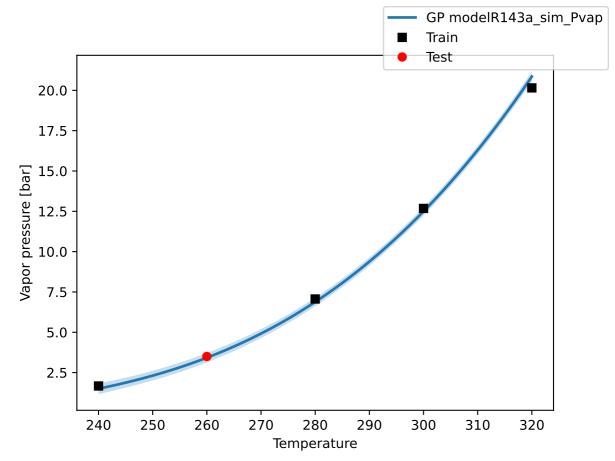


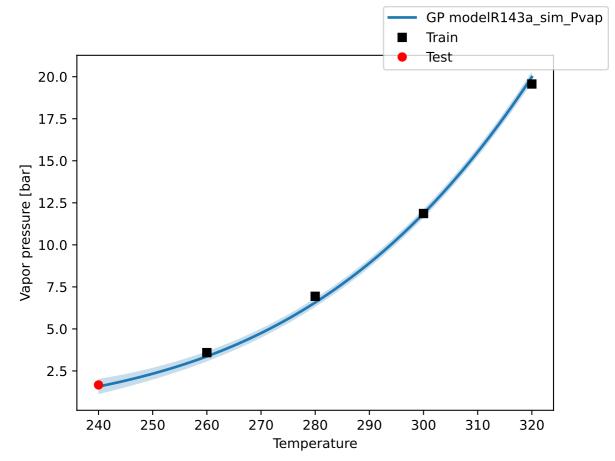


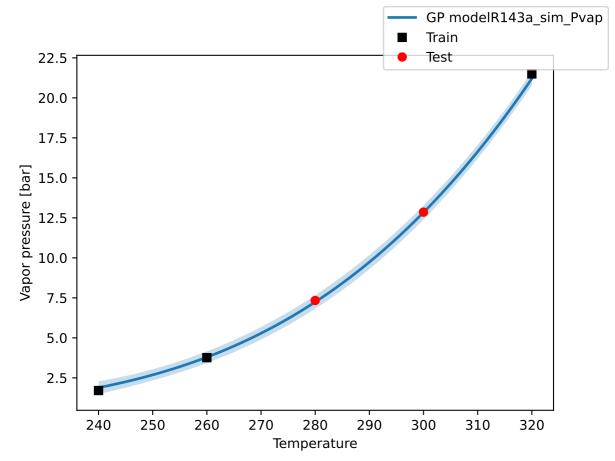


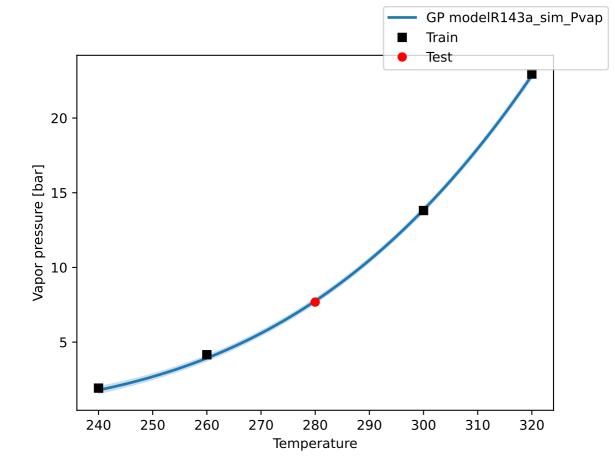


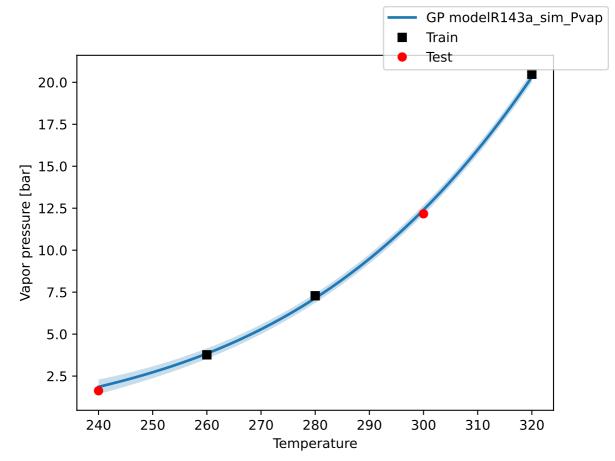


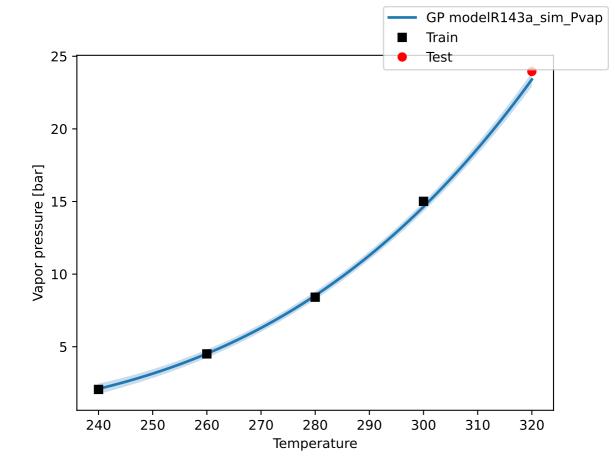


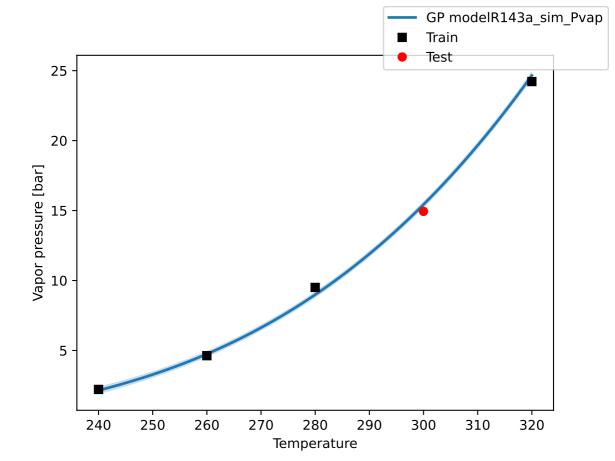


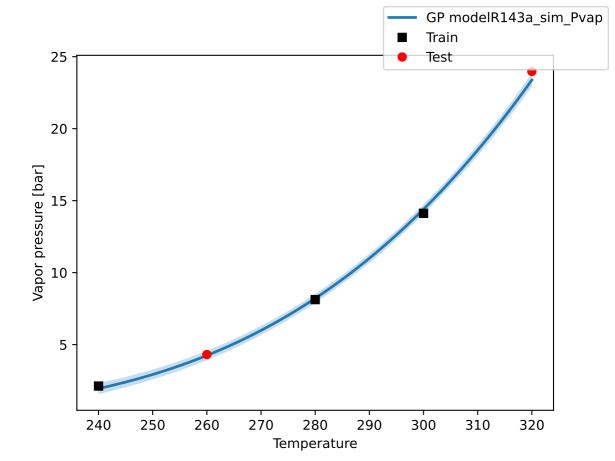


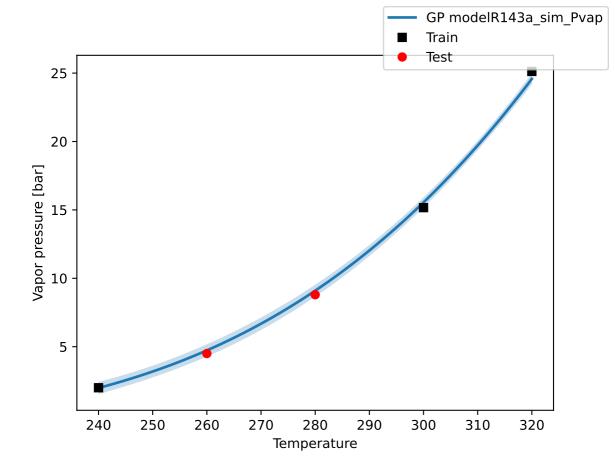


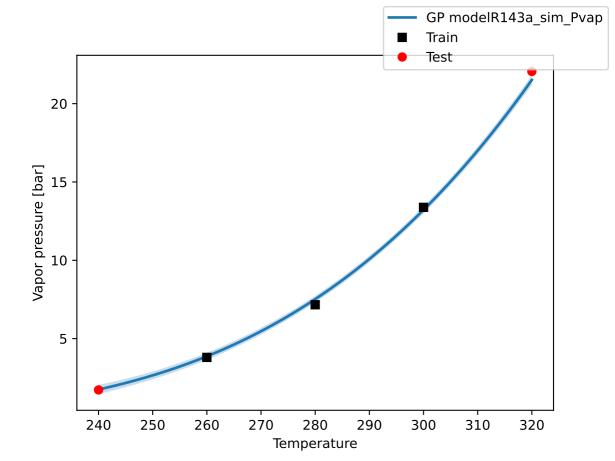


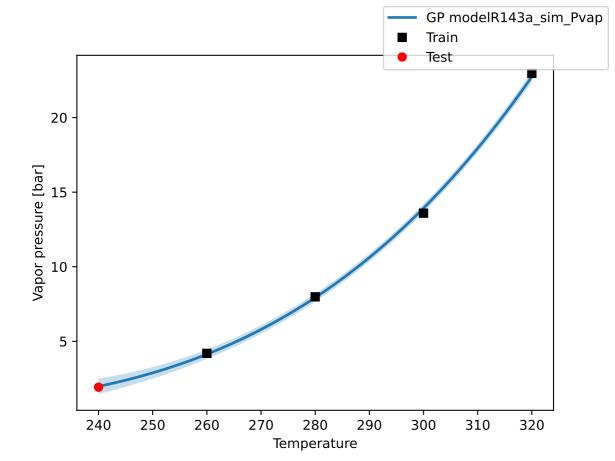


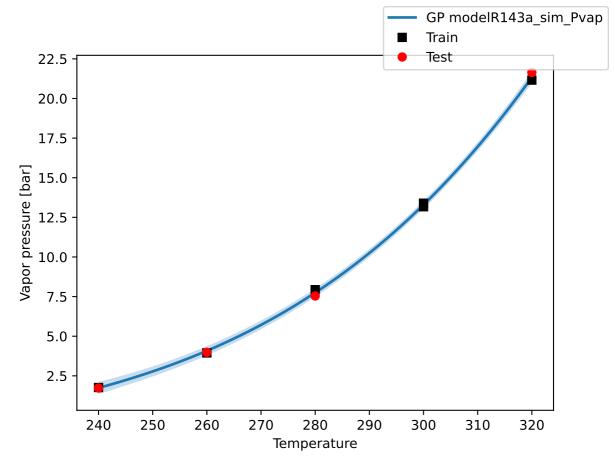


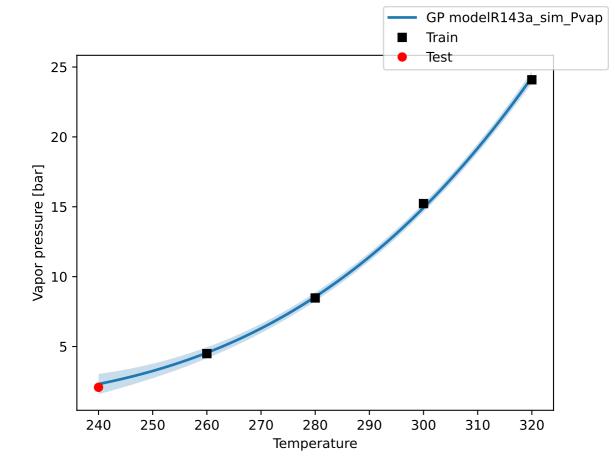


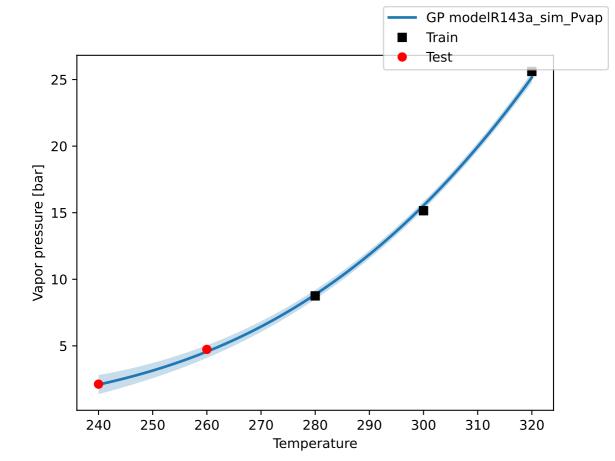


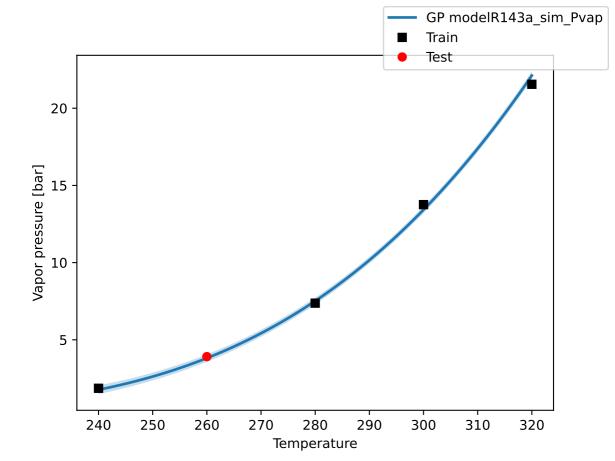


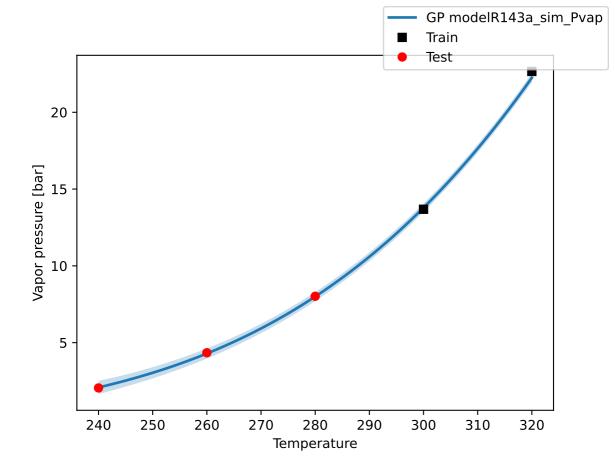


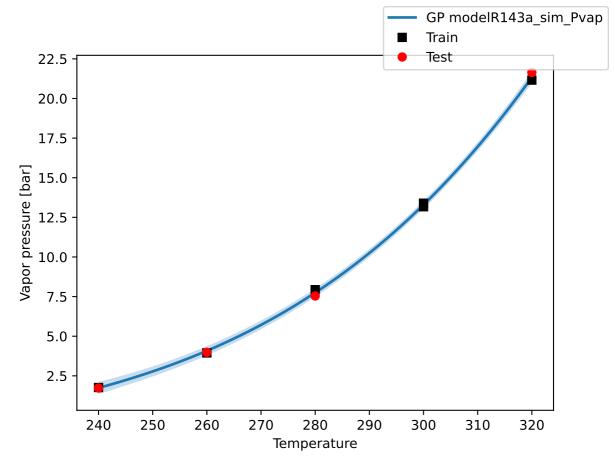


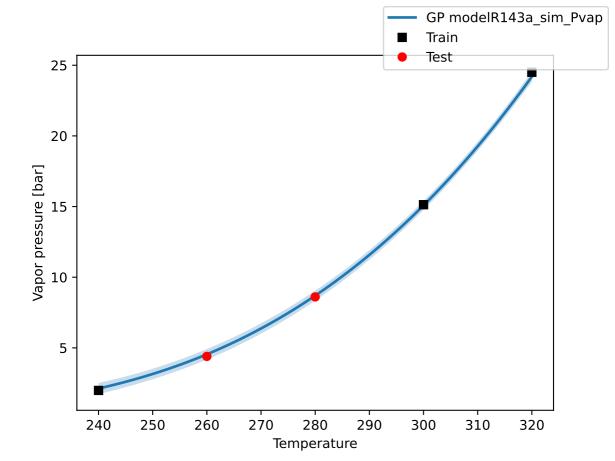


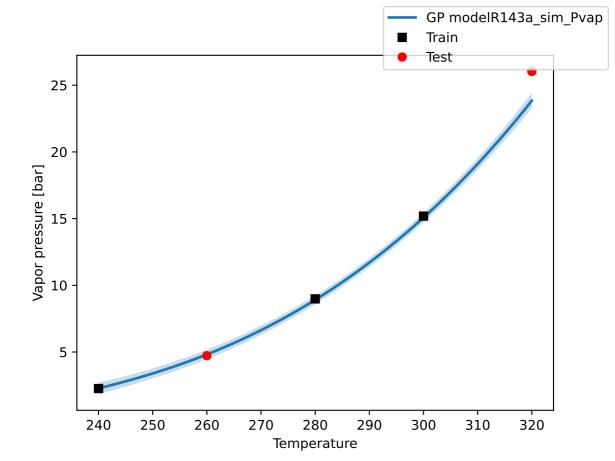


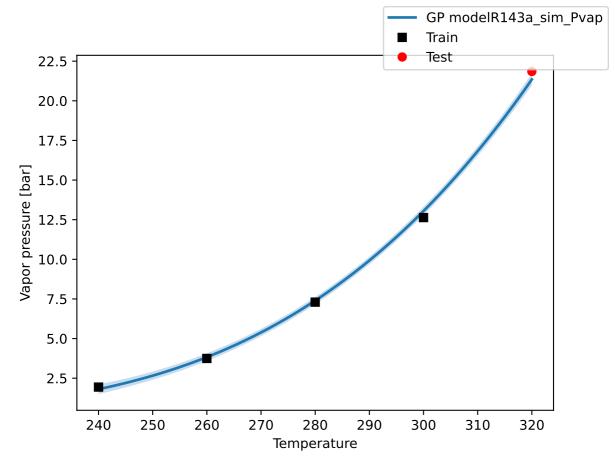


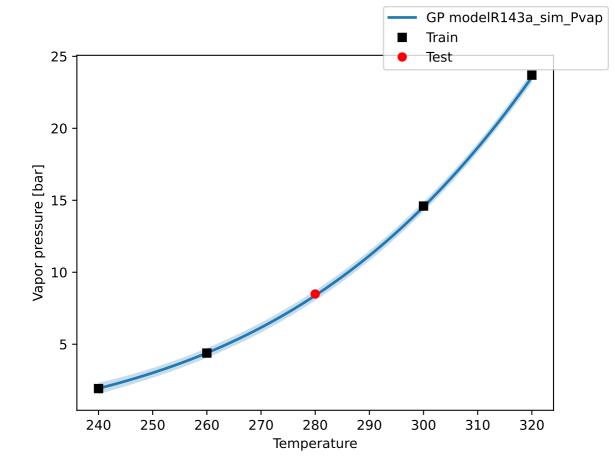


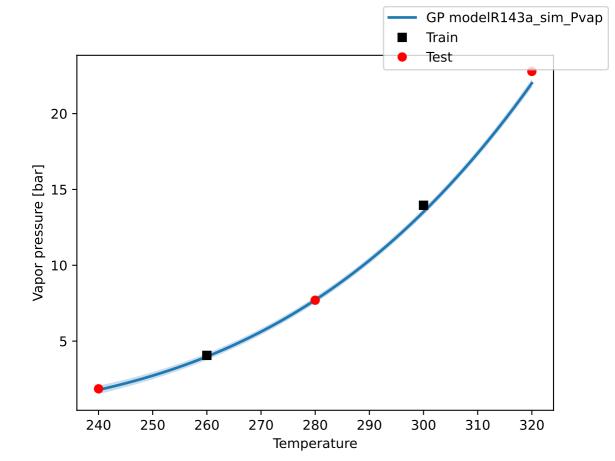


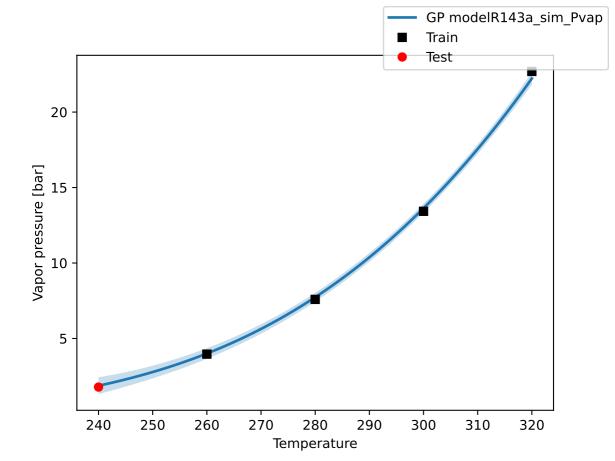


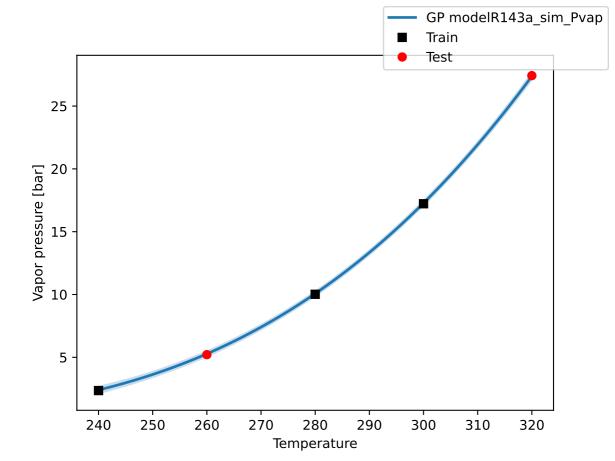


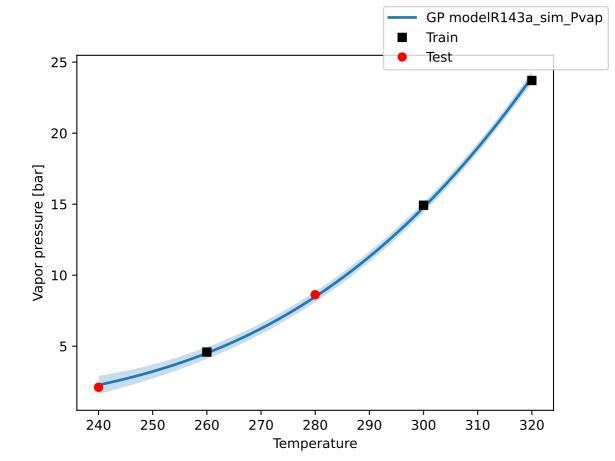


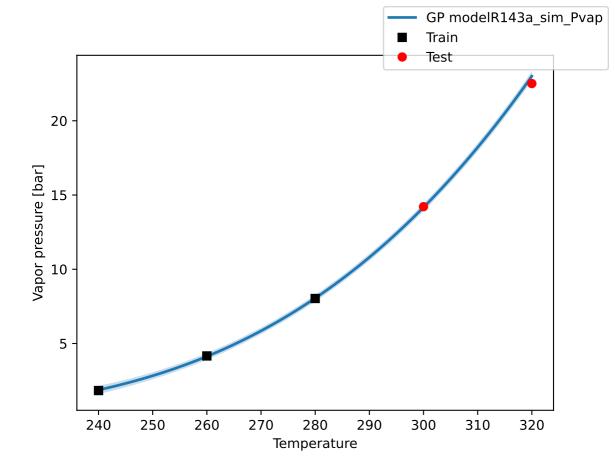


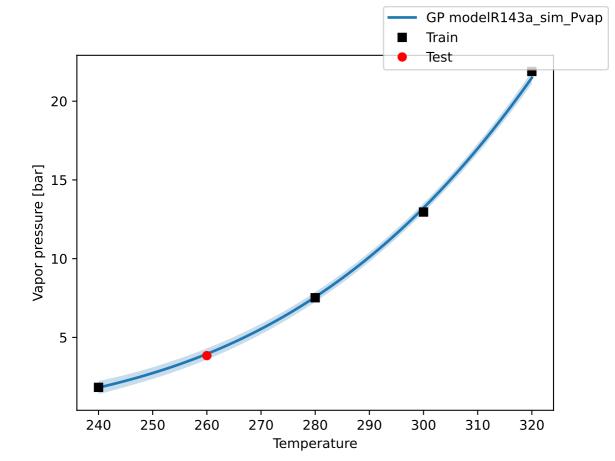


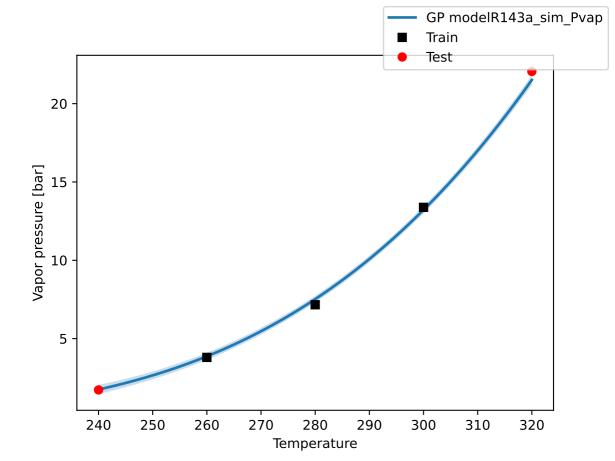


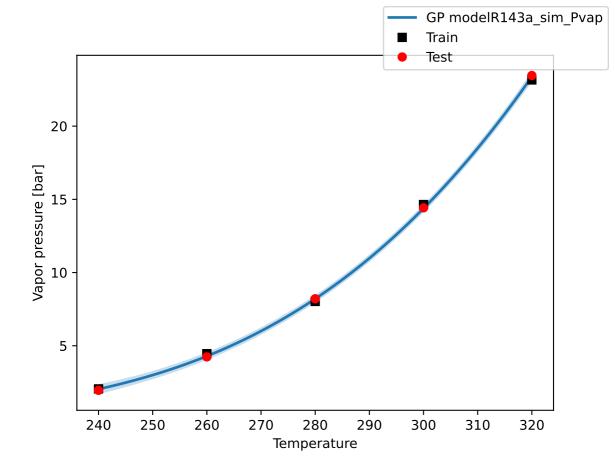


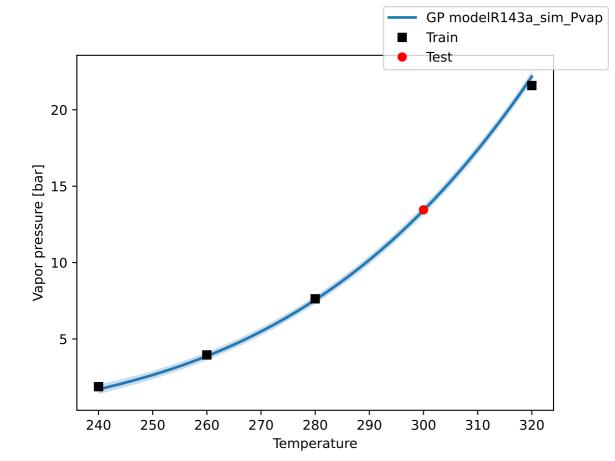


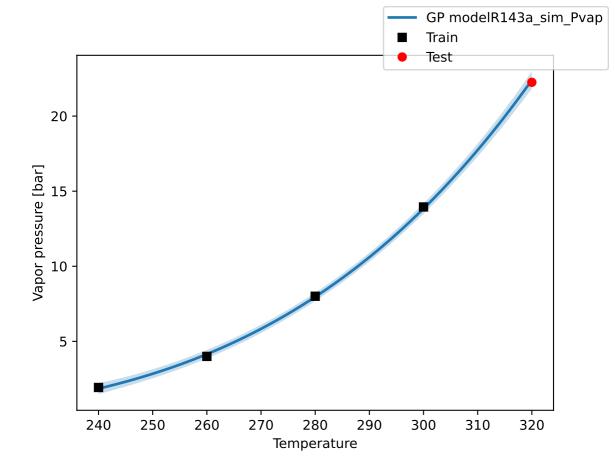


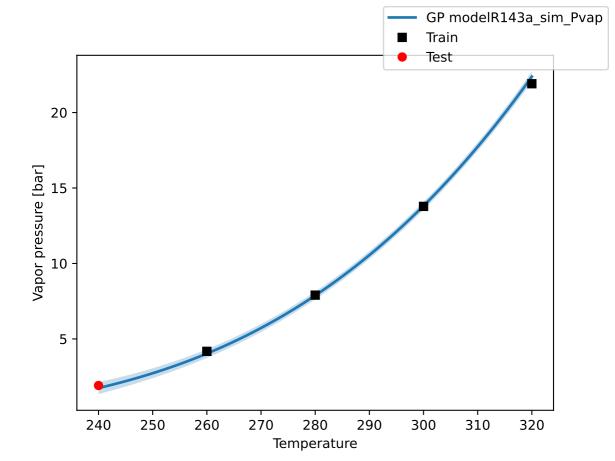


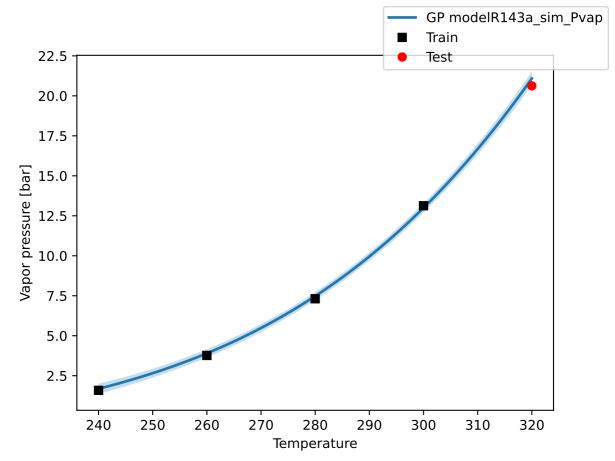


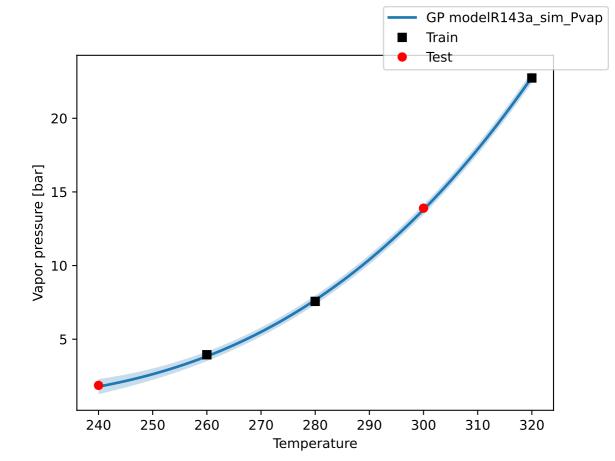


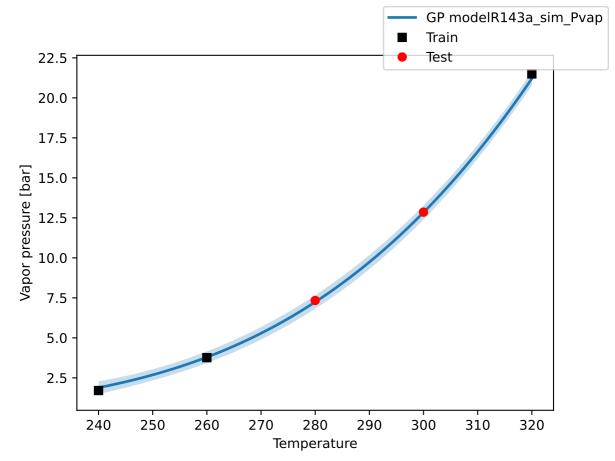


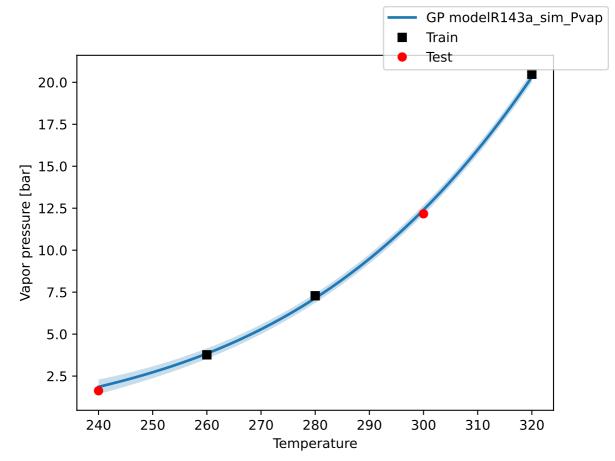


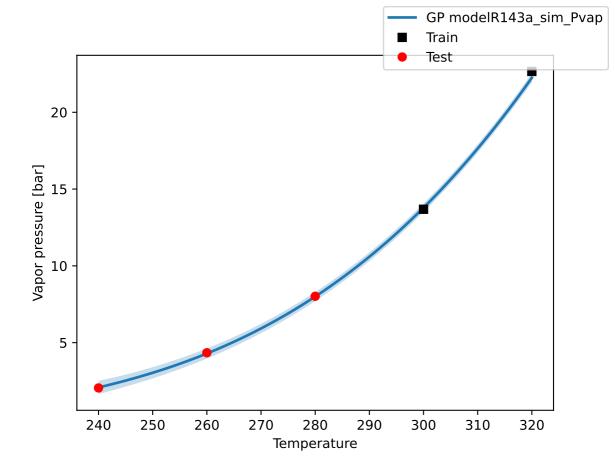


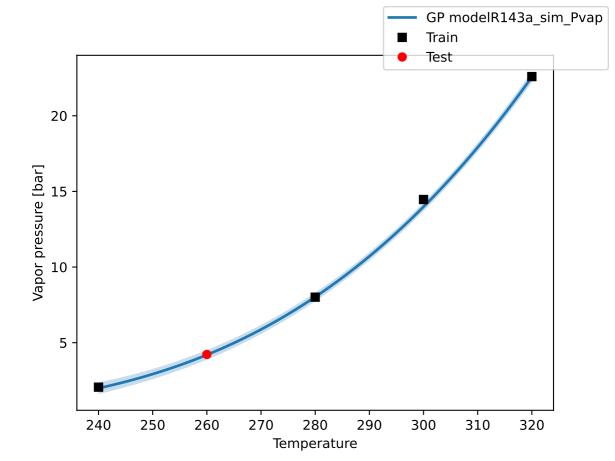


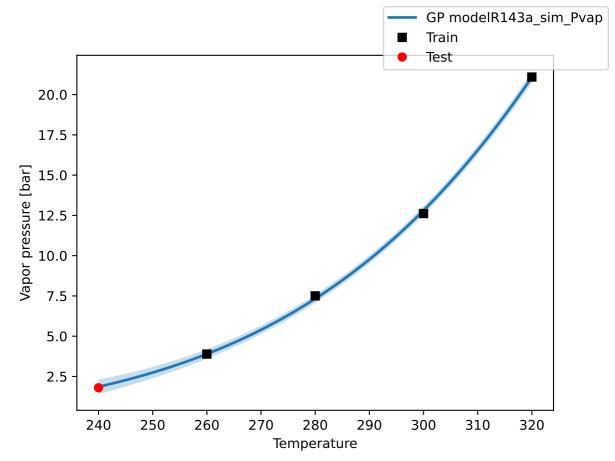


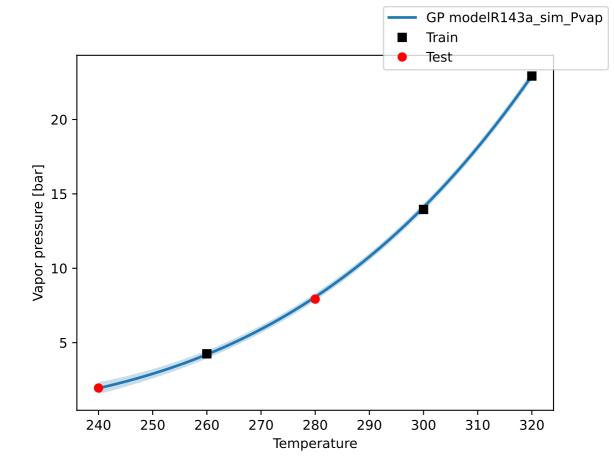


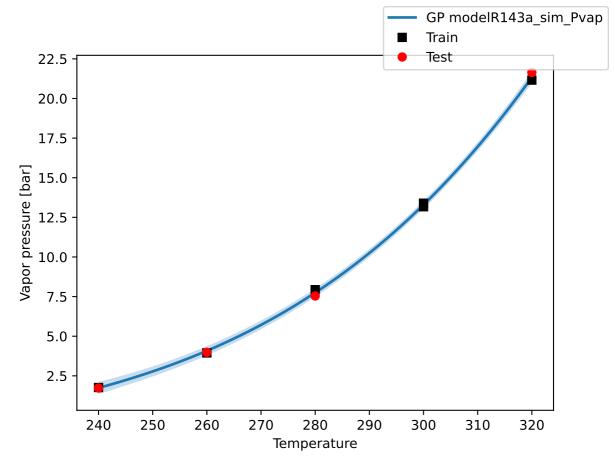


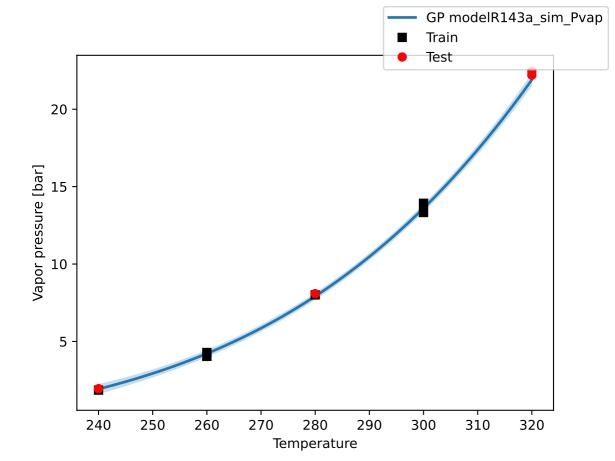


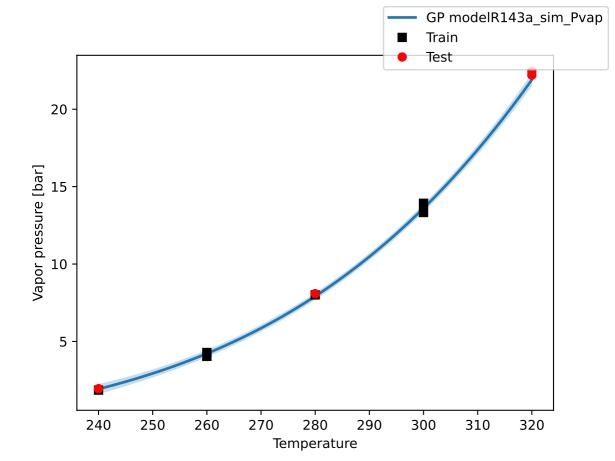


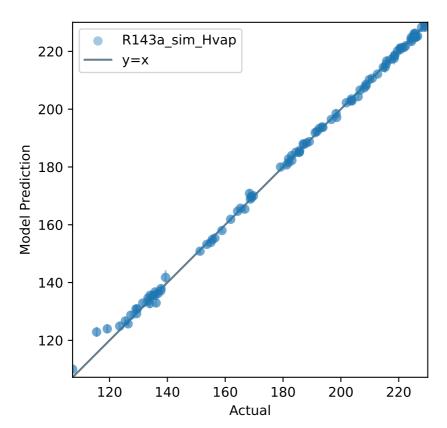


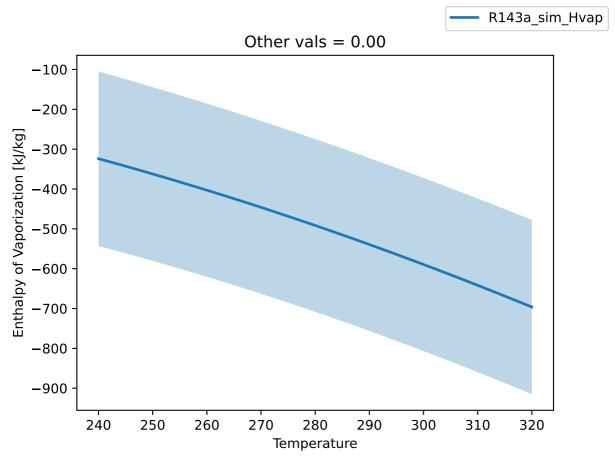


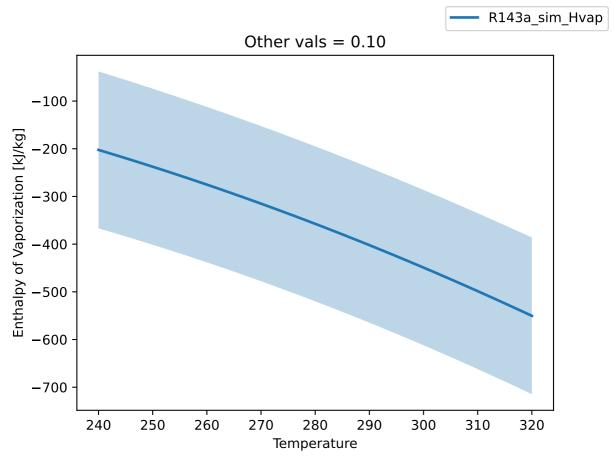


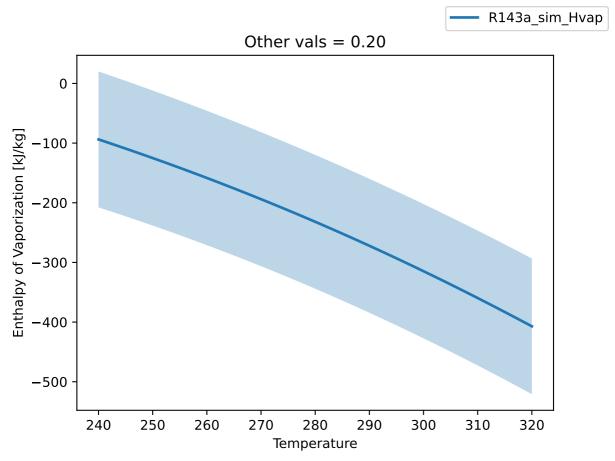


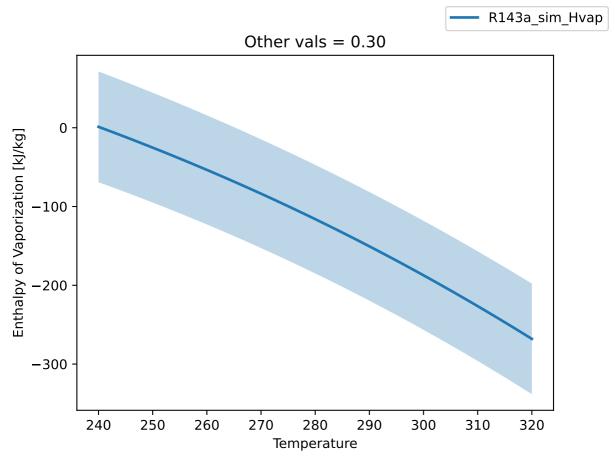


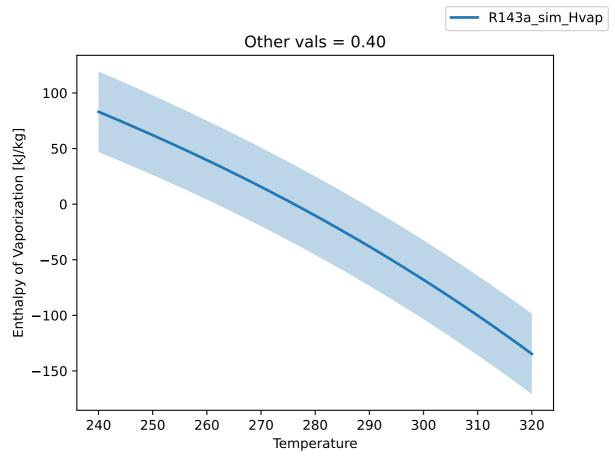


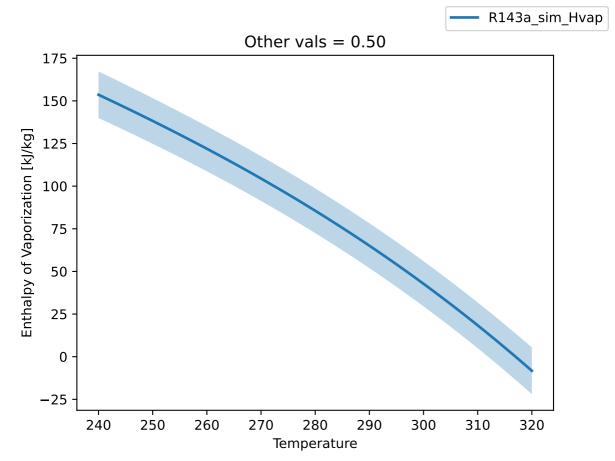


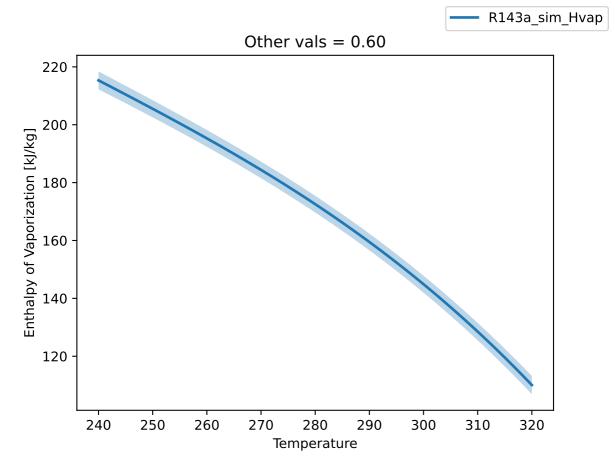


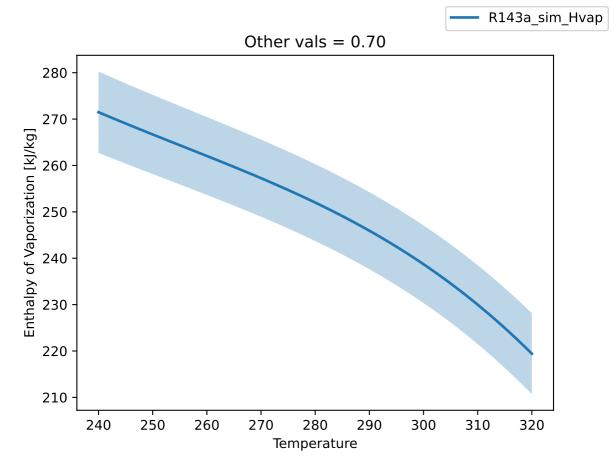


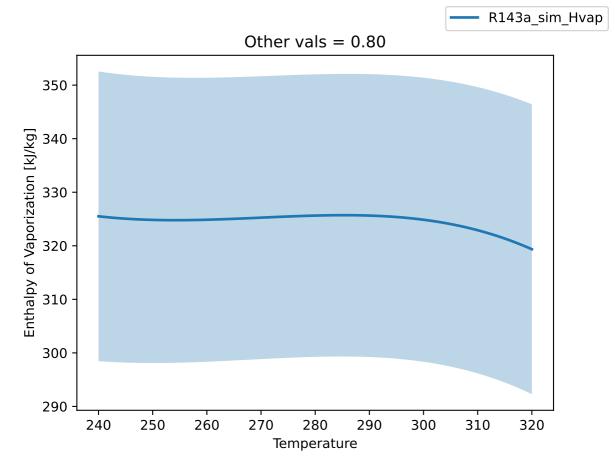


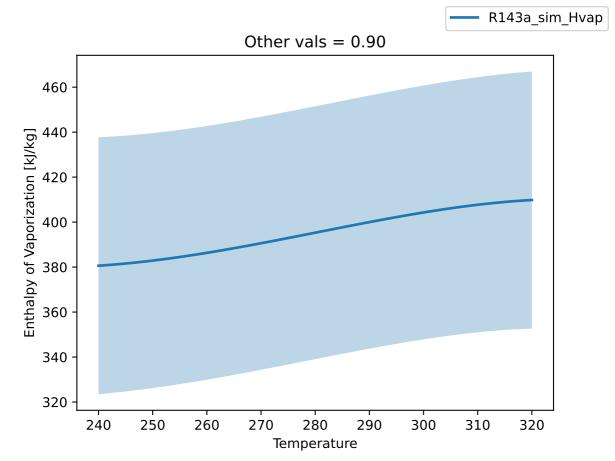


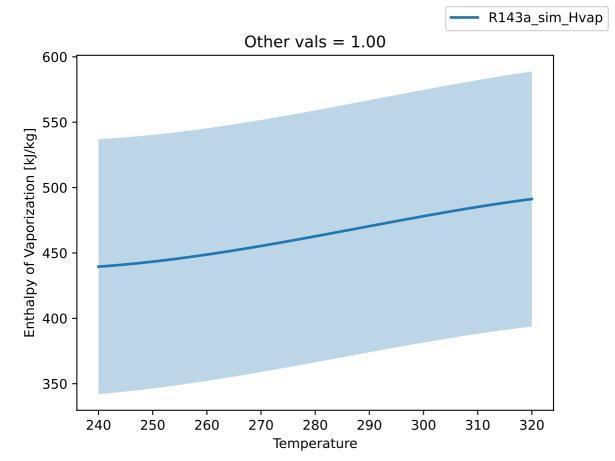


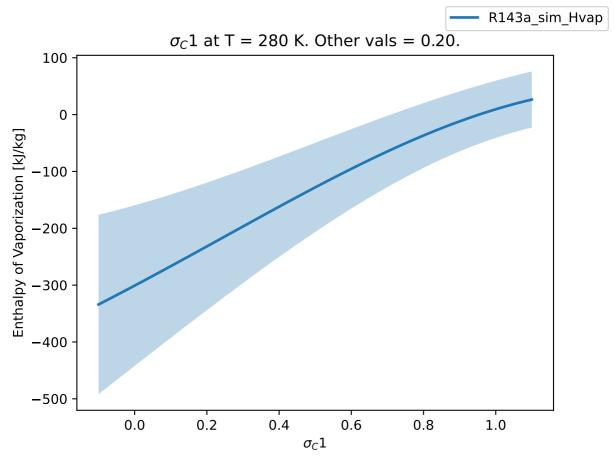




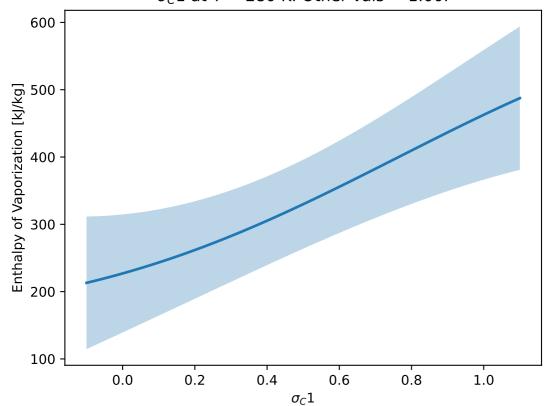


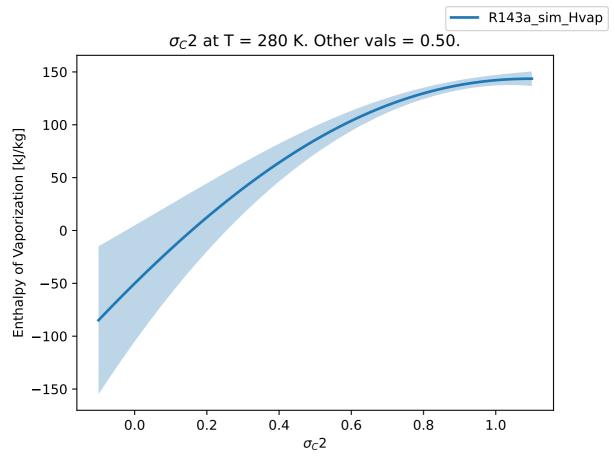




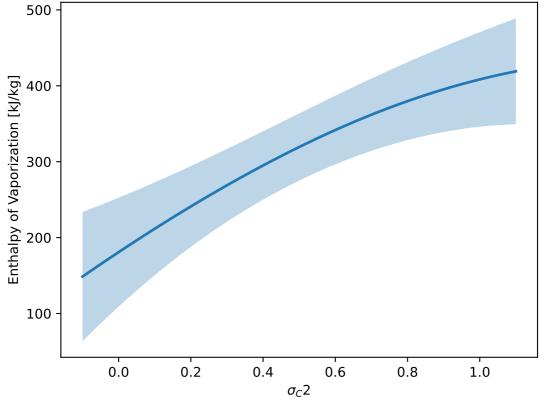


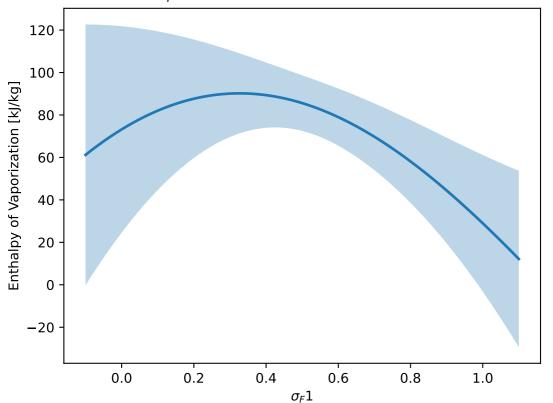
 $\sigma_C 1$



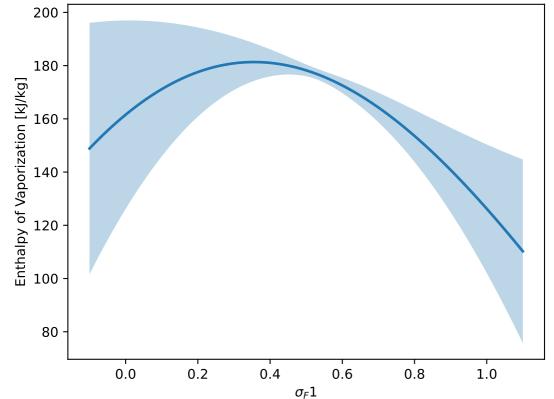


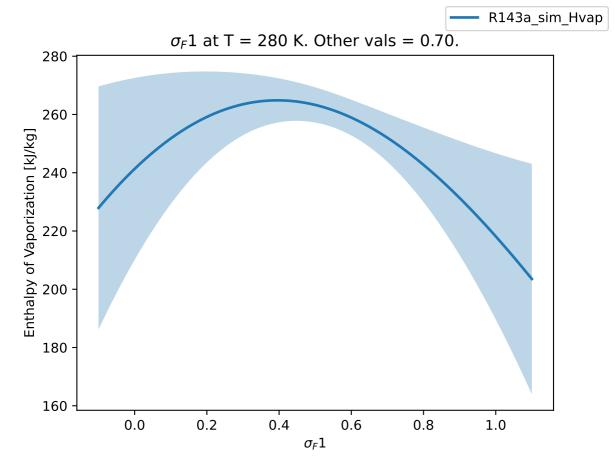
 σ_C 2



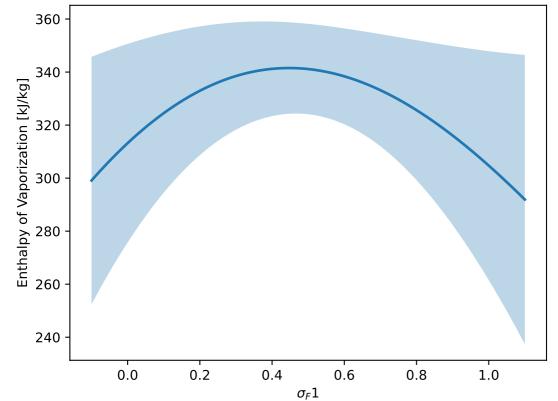


 $\sigma_F 1$ at T = 280 K. Other vals = 0.60.



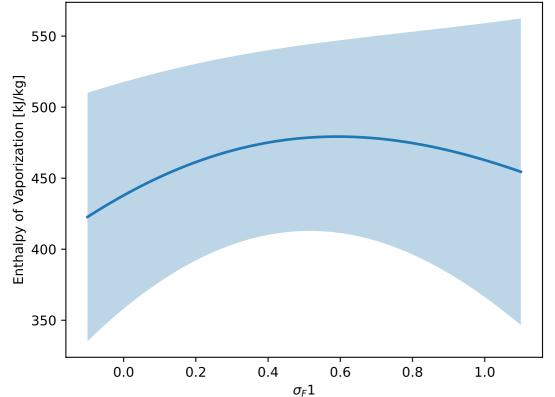


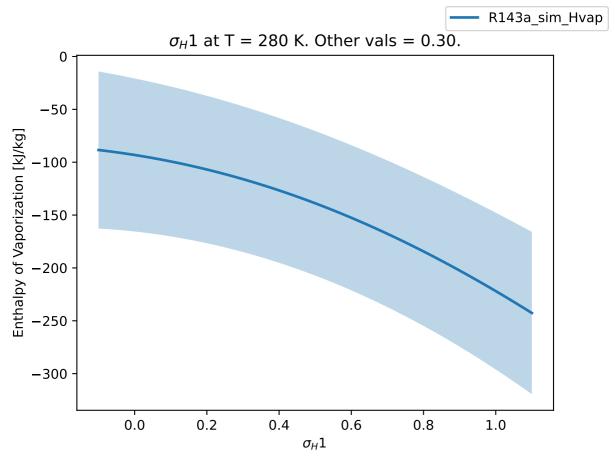
 $\sigma_F 1$ at T = 280 K. Other vals = 0.80.

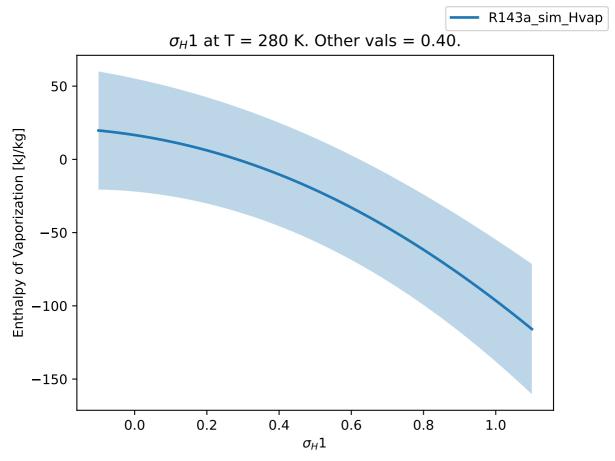


R143a_sim_Hvap

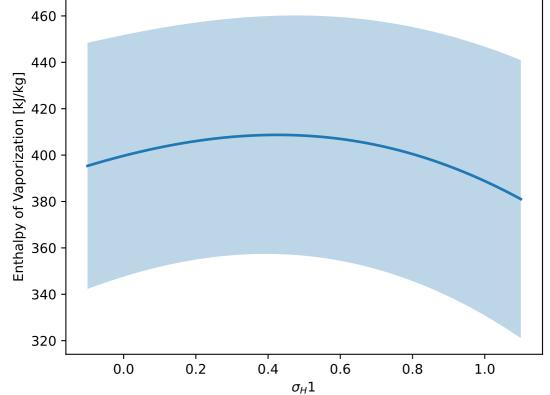
 $\sigma_F 1$ at T = 280 K. Other vals = 1.00.

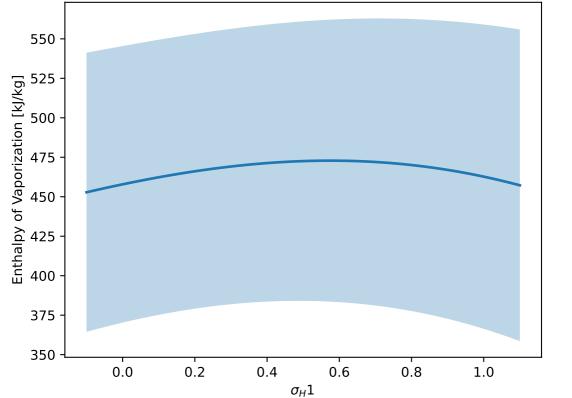




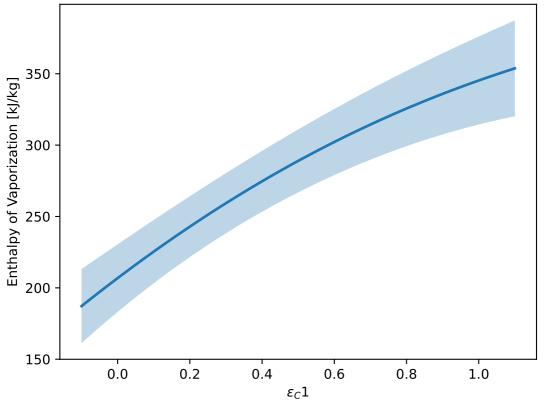


 $\sigma_H 1$



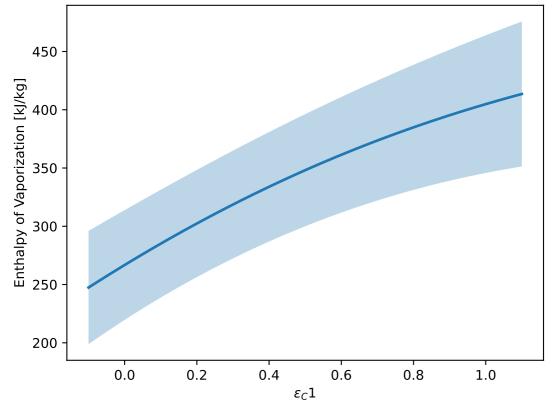


 $\varepsilon_C 1$ at T = 280 K. Other vals = 0.80.

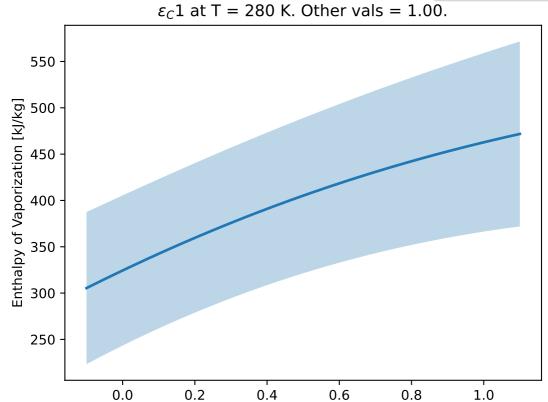


R143a_sim_Hvap

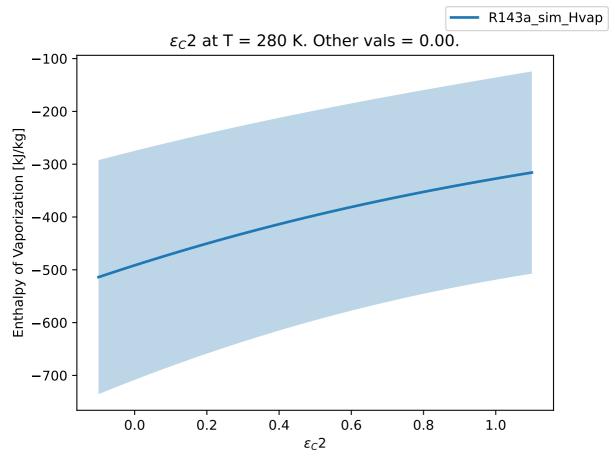
 $\varepsilon_C 1$ at T = 280 K. Other vals = 0.90.

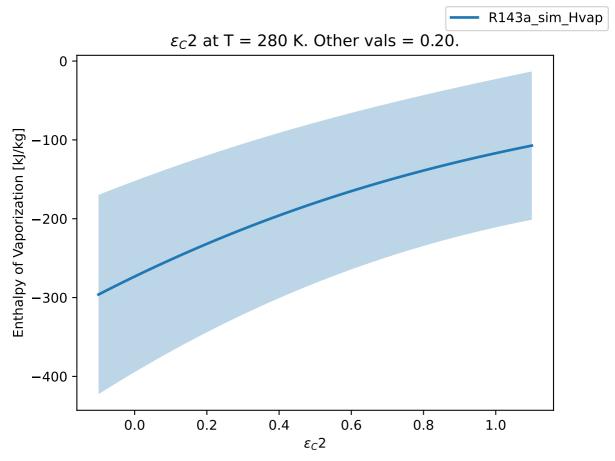


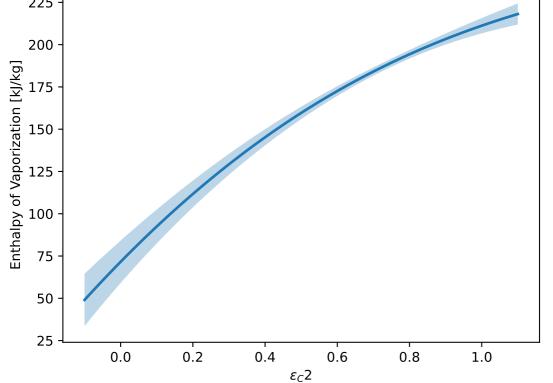
R143a_sim_Hvap



 $\varepsilon_C 1$

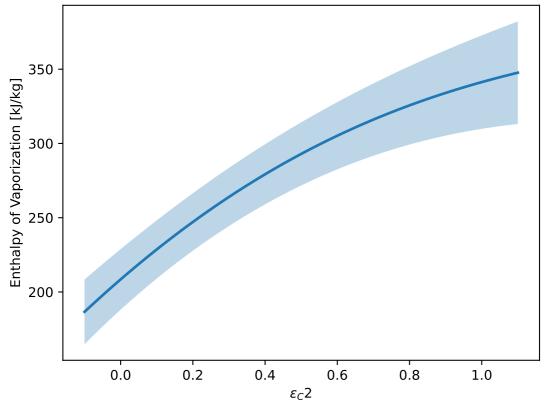




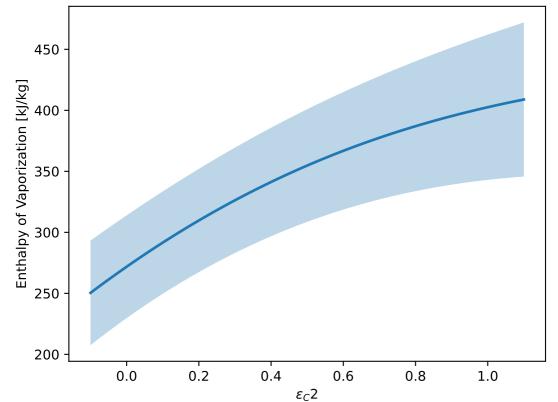


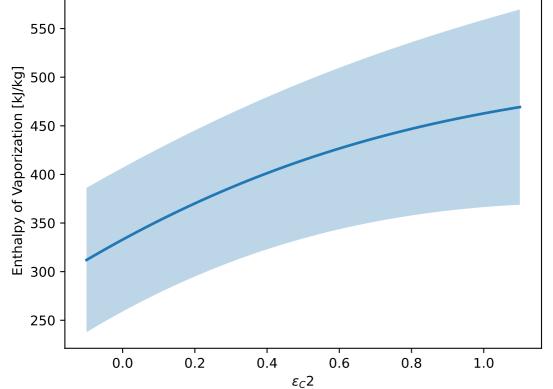
 $\varepsilon_C 2$

 ε_C 2 at T = 280 K. Other vals = 0.80.

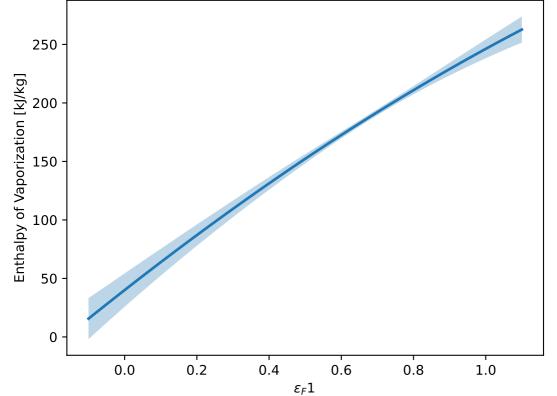


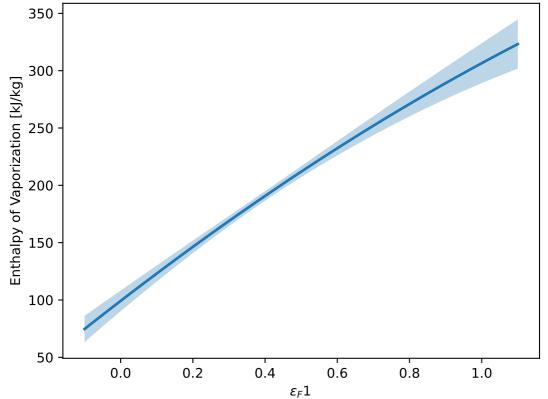
 ε_C 2 at T = 280 K. Other vals = 0.90.



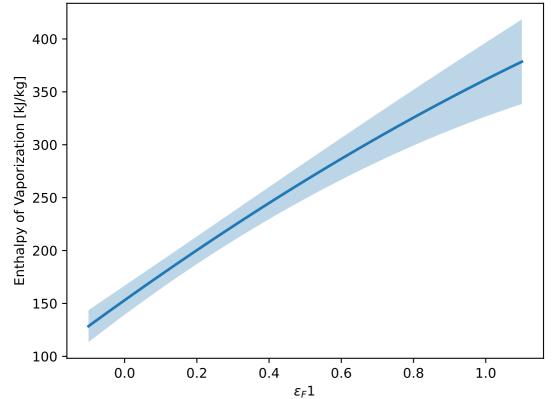


 $\varepsilon_{\it F} 1$



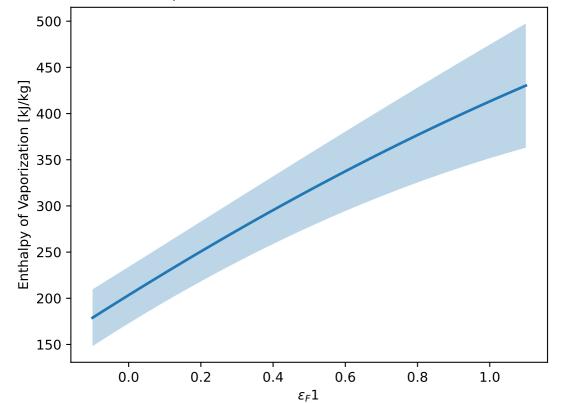


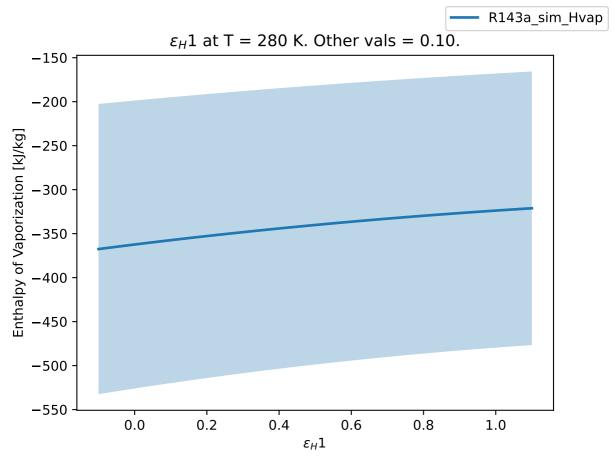
 $\varepsilon_F 1$ at T = 280 K. Other vals = 0.80.

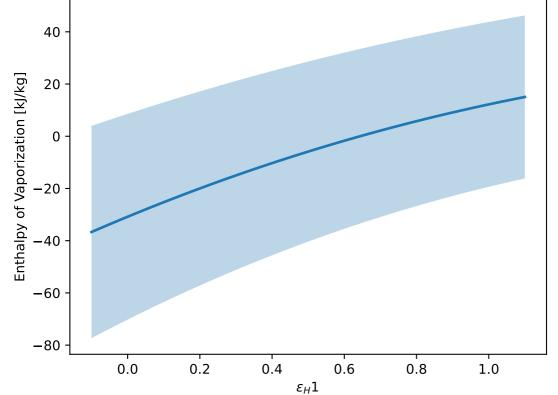


R143a_sim_Hvap

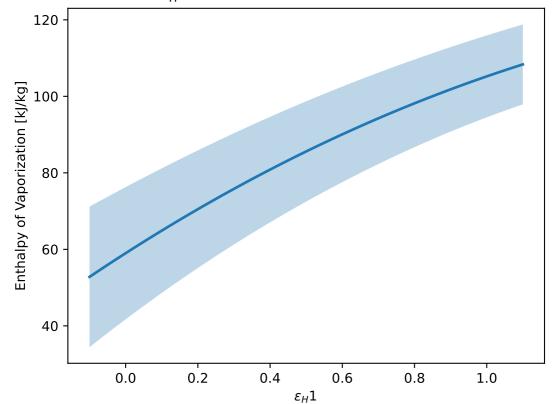
 $\varepsilon_F 1$ at T = 280 K. Other vals = 0.90.







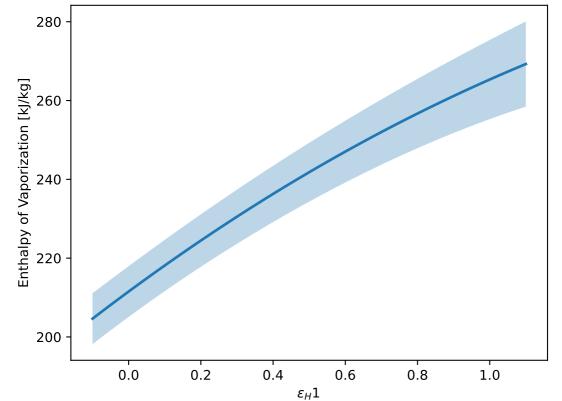
 $\varepsilon_H 1$ at T = 280 K. Other vals = 0.50.



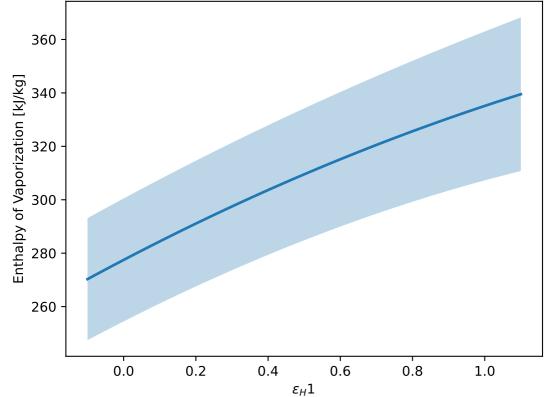
 $\varepsilon_H 1$

R143a_sim_Hvap

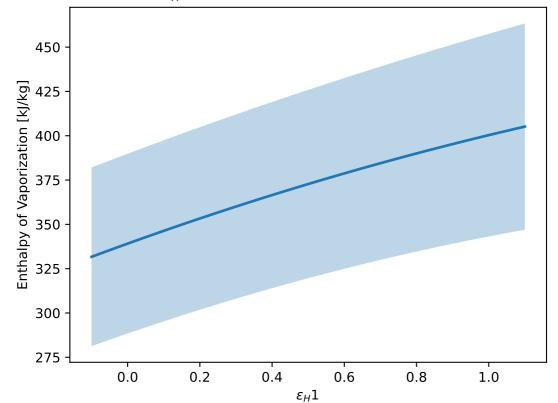
 $\varepsilon_H 1$ at T = 280 K. Other vals = 0.70.



 $\varepsilon_H 1$ at T = 280 K. Other vals = 0.80.



 $\varepsilon_H 1$ at T = 280 K. Other vals = 0.90.



— R143a_sim_Hvap

 $\varepsilon_H 1$ at T = 280 K. Other vals = 1.00.

