



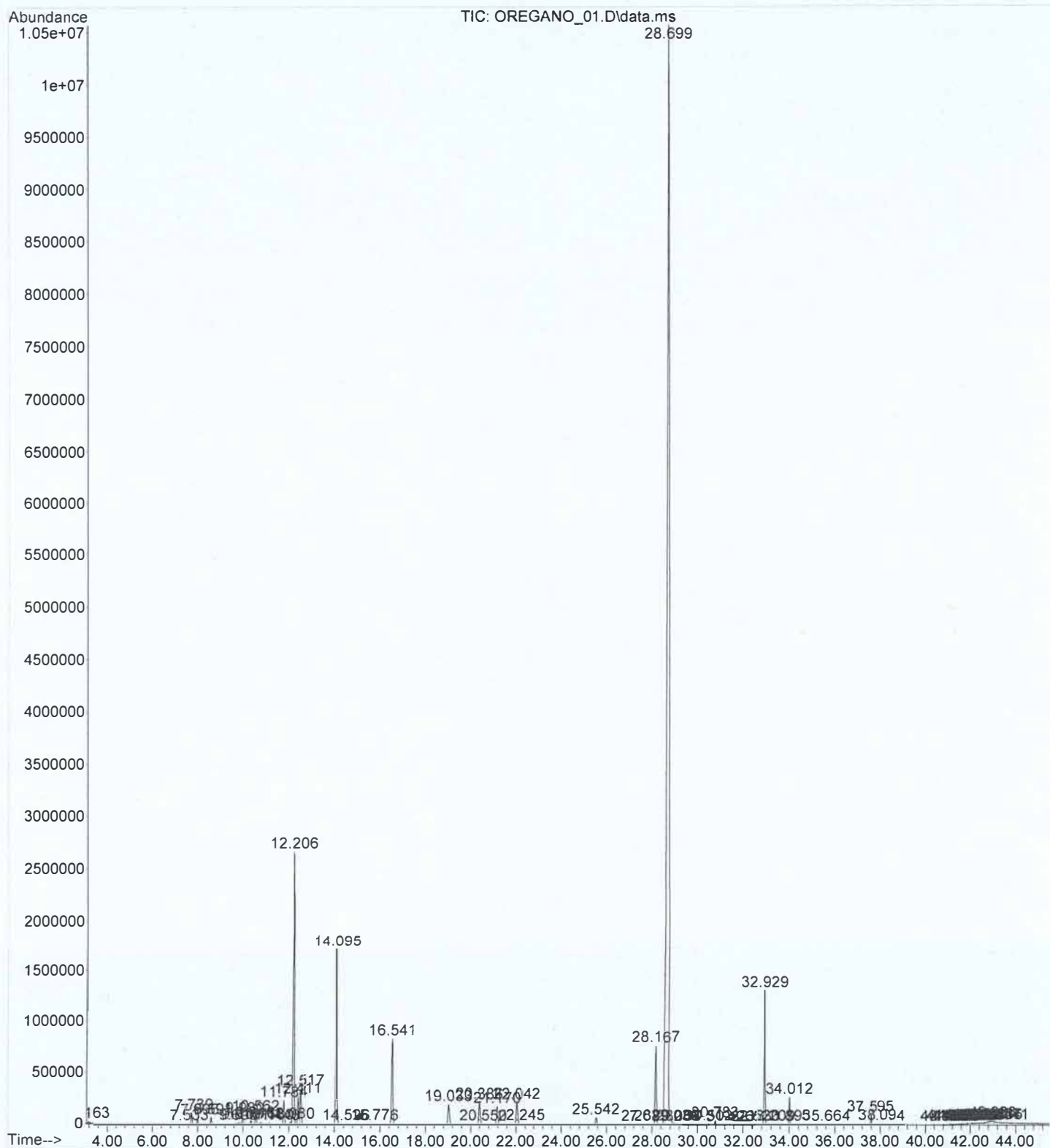
## OREGANO OIL

### CHEMICAL COMPOSITION (GC-MS)

LOT NO. 13164

| PEAK RT | COMPOUND        | CONTENT (%) | SPECIFICATION |
|---------|-----------------|-------------|---------------|
| 12.206  | PARA CYMENE     | 9.12        | 2 – 9%        |
| 14.095  | GAMMA TERPINENE | 6.30        | 1 – 7%        |
| 28.167  | THYMOL          | 2.78        | 1 – 8%        |
| 28.699  | CARVACROL       | 64.83       | 60 – 75%      |

File : C:\msdchem\1\data\2025\04-09-25\OREGANO\_01.D  
Operator : SS  
Acquired : 9 Apr 2025 13:50 using AcqMethod METHOD\_7.M  
Instrument : GCMS  
Sample Name: OREGANO  
Misc Info : OIL 13164  
Vial Number: 1



## Area Percent Report

Data Path : C:\msdchem\1\data\2025\04-09-25\  
Data File : OREGANO\_01.D  
Acq On : 9 Apr 2025 13:50  
Operator : SS  
Sample : OREGANO OIL  
Misc : 13164  
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: autoint1.e  
Integrator: ChemStation

Method : C:\msdchem\1\methods\METHOD\_7.M  
Title : Eoil Qualitative

Signal : TIC: OREGANO\_01.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 3.163       | 3             | 14          | 33           | BV 8     | 14902          | 770363        | 0.11%           | 0.072%        |
| 2         | 7.533       | 770           | 778         | 787          | BB 4     | 4326           | 115894        | 0.02%           | 0.011%        |
| 3         | 7.739       | 802           | 814         | 827          | BB       | 105965         | 2902824       | 0.42%           | 0.271%        |
| 4         | 7.996       | 847           | 859         | 872          | BB 2     | 58671          | 1719905       | 0.25%           | 0.160%        |
| 5         | 8.591       | 947           | 963         | 976          | BB 4     | 60880          | 1849152       | 0.27%           | 0.173%        |
| 6         | 9.695       | 1146          | 1156        | 1168         | BV 6     | 6492           | 227412        | 0.03%           | 0.021%        |
| 7         | 9.810       | 1168          | 1176        | 1189         | VV 6     | 12893          | 424182        | 0.06%           | 0.040%        |
| 8         | 9.980       | 1189          | 1206        | 1227         | PV       | 72459          | 2284334       | 0.33%           | 0.213%        |
| 9         | 10.346      | 1260          | 1270        | 1294         | BV 3     | 31716          | 1089357       | 0.16%           | 0.102%        |
| 10        | 10.562      | 1294          | 1307        | 1322         | PV 2     | 91576          | 2983450       | 0.43%           | 0.278%        |
| 11        | 10.766      | 1328          | 1343        | 1358         | PB 2     | 15559          | 500142        | 0.07%           | 0.047%        |
| 12        | 11.160      | 1395          | 1412        | 1422         | BB 4     | 8715           | 346762        | 0.05%           | 0.032%        |
| 13        | 11.448      | 1450          | 1462        | 1473         | BB 5     | 6233           | 192209        | 0.03%           | 0.018%        |
| 14        | 11.784      | 1505          | 1521        | 1539         | BB 3     | 227482         | 7980545       | 1.15%           | 0.745%        |
| 15        | 12.080      | 1559          | 1573        | 1578         | VV 2     | 21440          | 685974        | 0.10%           | 0.064%        |
| 16        | 12.206      | 1578          | 1595        | 1613         | VV       | 2648108        | 97724647      | 14.07%          | 9.119%        |
| 17        | 12.411      | 1613          | 1630        | 1640         | VV 2     | 260602         | 9428075       | 1.36%           | 0.880%        |
| 18        | 12.517      | 1640          | 1649        | 1670         | VB 3     | 339366         | 13034414      | 1.88%           | 1.216%        |
| 19        | 14.095      | 1905          | 1925        | 1945         | BB       | 1712962        | 67484487      | 9.71%           | 6.297%        |
| 20        | 14.526      | 1989          | 2000        | 2017         | BB 5     | 5919           | 196070        | 0.03%           | 0.018%        |
| 21        | 15.776      | 2208          | 2219        | 2237         | BB 7     | 4833           | 215468        | 0.03%           | 0.020%        |
| 22        | 16.541      | 2332          | 2352        | 2382         | BV 2     | 825025         | 33615879      | 4.84%           | 3.137%        |
| 23        | 19.033      | 2773          | 2788        | 2827         | BV 4     | 192356         | 9288152       | 1.34%           | 0.867%        |
| 24        | 20.386      | 3006          | 3024        | 3046         | BV 2     | 211284         | 10003507      | 1.44%           | 0.934%        |
| 25        | 20.550      | 3046          | 3053        | 3064         | VV 10    | 4624           | 211015        | 0.03%           | 0.020%        |
| 26        | 21.170      | 3125          | 3161        | 3197         | PV 4     | 175830         | 8154099       | 1.17%           | 0.761%        |
| 27        | 22.042      | 3296          | 3314        | 3337         | BV 3     | 212331         | 10605040      | 1.53%           | 0.990%        |
| 28        | 22.245      | 3337          | 3349        | 3363         | VV 5     | 3540           | 157291        | 0.02%           | 0.015%        |
| 29        | 25.542      | 3907          | 3925        | 3943         | BB 2     | 67303          | 2889032       | 0.42%           | 0.270%        |
| 30        | 27.689      | 4290          | 4301        | 4318         | BV 7     | 4411           | 151001        | 0.02%           | 0.014%        |
| 31        | 28.167      | 4364          | 4384        | 4403         | BV       | 761241         | 29797301      | 4.29%           | 2.781%        |
| 32        | 28.282      | 4403          | 4404        | 4419         | VV 4     | 6405           | 181010        | 0.03%           | 0.017%        |
| 33        | 28.699      | 4433          | 4477        | 4534         | PV       | 10458796       | 694704418     | 100.00%         | 64.828%       |
| 34        | 29.030      | 4534          | 4535        | 4539         | VV 3     | 4488           | 66632         | 0.01%           | 0.006%        |
| 35        | 29.059      | 4539          | 4540        | 4542         | VV 2     | 3676           | 37498         | 0.01%           | 0.003%        |
| 36        | 29.086      | 4542          | 4545        | 4551         | VV 6     | 2617           | 45330         | 0.01%           | 0.004%        |
| 37        | 30.502      | 4771          | 4792        | 4812         | PV 5     | 12379          | 387360        | 0.06%           | 0.036%        |
| 38        | 30.783      | 4829          | 4841        | 4856         | PV 3     | 42212          | 1291632       | 0.19%           | 0.121%        |
| 39        | 31.426      | 4935          | 4954        | 4967         | BV 6     | 6055           | 219077        | 0.03%           | 0.020%        |
| 40        | 32.520      | 5134          | 5145        | 5160         | PV 4     | 8416           | 212814        | 0.03%           | 0.020%        |

|    |        |      |      |      |    |   |         |          |       |        |
|----|--------|------|------|------|----|---|---------|----------|-------|--------|
| 41 | 32.929 | 5201 | 5216 | 5238 | BV | 2 | 1288290 | 39291522 | 5.66% | 3.667% |
| 42 | 33.209 | 5253 | 5265 | 5279 | PV | 5 | 8094    | 232497   | 0.03% | 0.022% |
| 43 | 33.895 | 5374 | 5385 | 5392 | PV | 4 | 7309    | 173439   | 0.02% | 0.016% |
| 44 | 34.012 | 5392 | 5406 | 5420 | VV | 3 | 263573  | 7742928  | 1.11% | 0.723% |
| 45 | 35.664 | 5687 | 5694 | 5703 | BV | 4 | 5932    | 126027   | 0.02% | 0.012% |
| 46 | 37.595 | 6016 | 6032 | 6041 | BV | 3 | 99240   | 2546900  | 0.37% | 0.238% |
| 47 | 38.094 | 6112 | 6119 | 6127 | BV | 4 | 17119   | 310534   | 0.04% | 0.029% |
| 48 | 40.823 | 6588 | 6596 | 6601 | PV | 4 | 5087    | 75003    | 0.01% | 0.007% |
| 49 | 41.094 | 6632 | 6643 | 6648 | VV | 5 | 10776   | 150327   | 0.02% | 0.014% |
| 50 | 41.282 | 6671 | 6676 | 6680 | PV | 7 | 3797    | 64366    | 0.01% | 0.006% |
| 51 | 41.378 | 6683 | 6693 | 6695 | VV | 7 | 2371    | 53214    | 0.01% | 0.005% |
| 52 | 41.398 | 6695 | 6696 | 6701 | VV | 5 | 2600    | 29627    | 0.00% | 0.003% |
| 53 | 41.584 | 6722 | 6729 | 6732 | VV | 9 | 5076    | 94077    | 0.01% | 0.009% |
| 54 | 41.746 | 6744 | 6757 | 6763 | VV | 9 | 3064    | 129750   | 0.02% | 0.012% |
| 55 | 41.801 | 6763 | 6767 | 6770 | VV | 6 | 3179    | 55145    | 0.01% | 0.005% |
| 56 | 41.888 | 6770 | 6782 | 6793 | VV | 6 | 10446   | 280883   | 0.04% | 0.026% |
| 57 | 41.966 | 6793 | 6796 | 6799 | VV | 5 | 4108    | 59104    | 0.01% | 0.006% |
| 58 | 42.022 | 6799 | 6805 | 6807 | VV | 6 | 3248    | 71436    | 0.01% | 0.007% |
| 59 | 42.074 | 6807 | 6815 | 6818 | VV | 8 | 5474    | 132874   | 0.02% | 0.012% |
| 60 | 42.111 | 6818 | 6821 | 6827 | VV | 8 | 5140    | 100119   | 0.01% | 0.009% |
| 61 | 42.154 | 6827 | 6829 | 6832 | VV | 4 | 4573    | 55383    | 0.01% | 0.005% |
| 62 | 42.250 | 6838 | 6845 | 6847 | VV | 7 | 3755    | 92744    | 0.01% | 0.009% |
| 63 | 42.279 | 6847 | 6850 | 6855 | VV | 7 | 5271    | 108062   | 0.02% | 0.010% |
| 64 | 42.358 | 6862 | 6864 | 6866 | VV | 3 | 4154    | 36198    | 0.01% | 0.003% |
| 65 | 42.388 | 6866 | 6869 | 6871 | VV | 4 | 4311    | 54892    | 0.01% | 0.005% |
| 66 | 42.485 | 6871 | 6886 | 6890 | VV | 4 | 4527    | 235824   | 0.03% | 0.022% |
| 67 | 42.541 | 6890 | 6896 | 6899 | VV | 7 | 4840    | 121097   | 0.02% | 0.011% |
| 68 | 42.671 | 6899 | 6919 | 6922 | VV | 7 | 9114    | 471741   | 0.07% | 0.044% |
| 69 | 42.988 | 6922 | 6974 | 7006 | VV | 7 | 22420   | 4291127  | 0.62% | 0.400% |
| 70 | 43.187 | 7006 | 7009 | 7016 | VV | 9 | 4938    | 125508   | 0.02% | 0.012% |
| 71 | 43.245 | 7016 | 7019 | 7021 | VV | 4 | 2280    | 32970    | 0.00% | 0.003% |
| 72 | 43.266 | 7021 | 7023 | 7025 | VV | 3 | 2633    | 20202    | 0.00% | 0.002% |
| 73 | 43.541 | 7064 | 7071 | 7083 | PV | 3 | 3232    | 69971    | 0.01% | 0.007% |

Sum of corrected areas: 1071609249