

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\  
 Data File : VV007444.D  
 Acq On : 07 Sep 2018 02:12  
 Operator : SY/MD  
 Sample : J4751-02 10X  
 Misc : 5.0 mL/MSVOA V/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BEGH3

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090418WMA.M  
 Title : VOC Analysis

Signal : TIC

| 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         | 1.322       | 64            | 72          | 88           | rVB      | 223865         | 268976        | 8.40%           | 1.570%        |
| 2         | 1.557       | 140           | 145         | 160          | rVB      | 187177         | 229086        | 7.15%           | 1.337%        |
| 3         | 2.126       | 312           | 322         | 334          | rBV      | 412769         | 576390        | 18.00%          | 3.365%        |
| 4         | 2.653       | 477           | 486         | 505          | rVB      | 34266          | 76110         | 2.38%           | 0.444%        |
| 5         | 3.315       | 690           | 692         | 695          | rBV2     | 555            | 366           | 0.01%           | 0.002%        |
| 6         | 3.389       | 713           | 715         | 717          | rBV2     | 529            | 280           | 0.01%           | 0.002%        |
| 7         | 3.518       | 750           | 755         | 758          | rBV3     | 554            | 608           | 0.02%           | 0.004%        |
| 8         | 3.595       | 776           | 779         | 784          | rBV3     | 391            | 360           | 0.01%           | 0.002%        |
| 9         | 3.720       | 816           | 818         | 825          | rVB3     | 563            | 532           | 0.02%           | 0.003%        |
| 10        | 3.830       | 849           | 852         | 858          | rBV2     | 514            | 412           | 0.01%           | 0.002%        |
| 11        | 3.865       | 858           | 863         | 865          | rBV2     | 357            | 339           | 0.01%           | 0.002%        |
| 12        | 3.962       | 874           | 893         | 937          | rBV2     | 144968         | 486374        | 15.19%          | 2.839%        |
| 13        | 4.405       | 1012          | 1031        | 1064         | rBV      | 315984         | 754046        | 23.55%          | 4.402%        |
| 14        | 4.579       | 1082          | 1085        | 1087         | rBV2     | 340            | 249           | 0.01%           | 0.001%        |
| 15        | 4.611       | 1092          | 1095        | 1100         | rVB3     | 840            | 559           | 0.02%           | 0.003%        |
| 16        | 4.704       | 1121          | 1124        | 1125         | rBV2     | 452            | 247           | 0.01%           | 0.001%        |
| 17        | 4.817       | 1155          | 1159        | 1162         | rVB4     | 339            | 255           | 0.01%           | 0.001%        |
| 18        | 4.839       | 1162          | 1166        | 1169         | rBV2     | 415            | 304           | 0.01%           | 0.002%        |
| 19        | 4.942       | 1196          | 1198        | 1205         | rBV3     | 295            | 248           | 0.01%           | 0.001%        |
| 20        | 5.097       | 1227          | 1246        | 1271         | rBV2     | 806697         | 1892879       | 59.12%          | 11.050%       |
| 21        | 5.312       | 1309          | 1313        | 1316         | rBV4     | 360            | 272           | 0.01%           | 0.002%        |
| 22        | 5.473       | 1360          | 1363        | 1368         | rBV2     | 305            | 297           | 0.01%           | 0.002%        |
| 23        | 5.518       | 1368          | 1377        | 1380         | rBV4     | 677            | 1211          | 0.04%           | 0.007%        |
| 24        | 5.553       | 1386          | 1388        | 1394         | rVB4     | 398            | 291           | 0.01%           | 0.002%        |
| 25        | 5.585       | 1394          | 1398        | 1403         | rVB3     | 368            | 330           | 0.01%           | 0.002%        |
| 26        | 5.669       | 1408          | 1424        | 1446         | rBV      | 602960         | 1200519       | 37.50%          | 7.008%        |
| 27        | 5.962       | 1500          | 1515        | 1531         | rBV3     | 56366          | 119048        | 3.72%           | 0.695%        |
| 28        | 6.122       | 1550          | 1565        | 1585         | rBV      | 441178         | 889030        | 27.77%          | 5.190%        |
| 29        | 6.251       | 1601          | 1605        | 1613         | rVB5     | 1503           | 1828          | 0.06%           | 0.011%        |
| 30        | 6.373       | 1641          | 1643        | 1649         | rVB4     | 669            | 452           | 0.01%           | 0.003%        |
| 31        | 6.428       | 1658          | 1660        | 1664         | rVB4     | 374            | 248           | 0.01%           | 0.001%        |
| 32        | 6.495       | 1676          | 1681        | 1682         | rBV2     | 455            | 346           | 0.01%           | 0.002%        |
| 33        | 6.637       | 1722          | 1725        | 1727         | rBV2     | 319            | 241           | 0.01%           | 0.001%        |
| 34        | 6.650       | 1727          | 1729        | 1730         | rVV2     | 475            | 221           | 0.01%           | 0.001%        |

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 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090418WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |         |         |         |         |
|----|-------|------|------|------|------|---------|---------|---------|---------|
| 35 | 6.659 | 1730 | 1732 | 1735 | rVB2 | 547     | 318     | 0.01%   | 0.002%  |
| 36 | 6.724 | 1742 | 1752 | 1765 | rBV4 | 3124    | 6226    | 0.19%   | 0.036%  |
| 37 | 6.843 | 1787 | 1789 | 1793 | rVB2 | 377     | 214     | 0.01%   | 0.001%  |
| 38 | 6.884 | 1799 | 1802 | 1806 | rBV2 | 410     | 315     | 0.01%   | 0.002%  |
| 39 | 6.913 | 1806 | 1811 | 1812 | rBV2 | 354     | 210     | 0.01%   | 0.001%  |
| 40 | 6.926 | 1812 | 1815 | 1818 | rVB3 | 527     | 380     | 0.01%   | 0.002%  |
| 41 | 6.952 | 1818 | 1823 | 1828 | rVB3 | 641     | 499     | 0.02%   | 0.003%  |
| 42 | 6.984 | 1828 | 1833 | 1835 | rBV2 | 415     | 345     | 0.01%   | 0.002%  |
| 43 | 7.035 | 1835 | 1849 | 1865 | rBV  | 195300  | 345677  | 10.80%  | 2.018%  |
| 44 | 7.251 | 1914 | 1916 | 1920 | rVB3 | 498     | 289     | 0.01%   | 0.002%  |
| 45 | 7.273 | 1920 | 1923 | 1924 | rBV3 | 449     | 265     | 0.01%   | 0.002%  |
| 46 | 7.363 | 1937 | 1951 | 1970 | rBV  | 773249  | 1339296 | 41.83%  | 7.819%  |
| 47 | 7.627 | 2029 | 2033 | 2034 | rBV  | 450     | 291     | 0.01%   | 0.002%  |
| 48 | 7.669 | 2034 | 2046 | 2065 | rVV  | 105804  | 178230  | 5.57%   | 1.040%  |
| 49 | 7.810 | 2084 | 2090 | 2093 | rBV4 | 845     | 877     | 0.03%   | 0.005%  |
| 50 | 7.826 | 2093 | 2095 | 2097 | rVV3 | 611     | 266     | 0.01%   | 0.002%  |
| 51 | 7.843 | 2097 | 2100 | 2105 | rVV4 | 774     | 598     | 0.02%   | 0.003%  |
| 52 | 8.023 | 2140 | 2156 | 2181 | rBV  | 1912375 | 3201770 | 100.00% | 18.691% |
| 53 | 8.142 | 2182 | 2193 | 2218 | rBV2 | 447916  | 868301  | 27.12%  | 5.069%  |
| 54 | 8.531 | 2309 | 2314 | 2317 | rBV4 | 668     | 504     | 0.02%   | 0.003%  |
| 55 | 8.608 | 2334 | 2338 | 2342 | rVB5 | 635     | 545     | 0.02%   | 0.003%  |
| 56 | 8.630 | 2342 | 2345 | 2347 | rVB  | 431     | 249     | 0.01%   | 0.001%  |
| 57 | 8.656 | 2347 | 2353 | 2356 | rBV5 | 528     | 549     | 0.02%   | 0.003%  |
| 58 | 8.688 | 2358 | 2363 | 2369 | rBV5 | 750     | 819     | 0.03%   | 0.005%  |
| 59 | 8.736 | 2374 | 2378 | 2379 | rBV2 | 353     | 214     | 0.01%   | 0.001%  |
| 60 | 8.797 | 2390 | 2397 | 2400 | rBV  | 720     | 905     | 0.03%   | 0.005%  |
| 61 | 8.900 | 2415 | 2429 | 2452 | rBV  | 915414  | 1484282 | 46.36%  | 8.665%  |
| 62 | 9.187 | 2514 | 2518 | 2525 | rVB5 | 809     | 891     | 0.03%   | 0.005%  |
| 63 | 9.212 | 2525 | 2526 | 2530 | rVV2 | 407     | 193     | 0.01%   | 0.001%  |
| 64 | 9.254 | 2532 | 2539 | 2542 | rBV4 | 355     | 408     | 0.01%   | 0.002%  |
| 65 | 9.331 | 2561 | 2563 | 2567 | rVB2 | 556     | 340     | 0.01%   | 0.002%  |
| 66 | 9.424 | 2588 | 2592 | 2597 | rVV4 | 394     | 389     | 0.01%   | 0.002%  |
| 67 | 9.492 | 2606 | 2613 | 2615 | rBV3 | 401     | 536     | 0.02%   | 0.003%  |
| 68 | 9.576 | 2637 | 2639 | 2642 | rBV2 | 423     | 281     | 0.01%   | 0.002%  |
| 69 | 9.598 | 2642 | 2646 | 2648 | rBV2 | 633     | 431     | 0.01%   | 0.003%  |
| 70 | 9.839 | 2717 | 2721 | 2724 | rBV3 | 347     | 261     | 0.01%   | 0.002%  |
| 71 | 9.887 | 2733 | 2736 | 2739 | rBV  | 396     | 278     | 0.01%   | 0.002%  |

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 Start Thrs: 0.2  
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Filtering: 5  
 Min Area: 0 % of largest Peak  
 Max Peaks: 100  
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090418WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 9.907  | 2739 | 2742 | 2745 | rBV3 | 331    | 289     | 0.01%  | 0.002% |
| 73  | 10.080 | 2792 | 2796 | 2798 | rBV3 | 284    | 285     | 0.01%  | 0.002% |
| 74  | 10.125 | 2807 | 2810 | 2811 | rBV3 | 515    | 260     | 0.01%  | 0.002% |
| 75  | 10.267 | 2840 | 2854 | 2886 | rBV  | 595154 | 966148  | 30.18% | 5.640% |
| 76  | 10.408 | 2895 | 2898 | 2900 | rBV2 | 498    | 352     | 0.01%  | 0.002% |
| 77  | 10.498 | 2922 | 2926 | 2928 | rBV  | 457    | 275     | 0.01%  | 0.002% |
| 78  | 10.563 | 2941 | 2946 | 2948 | rBV2 | 328    | 225     | 0.01%  | 0.001% |
| 79  | 10.579 | 2948 | 2951 | 2954 | rVV2 | 351    | 306     | 0.01%  | 0.002% |
| 80  | 10.604 | 2957 | 2959 | 2961 | rVV2 | 543    | 275     | 0.01%  | 0.002% |
| 81  | 10.630 | 2961 | 2967 | 2971 | rVB3 | 596    | 519     | 0.02%  | 0.003% |
| 82  | 10.765 | 3005 | 3009 | 3012 | rVV  | 291    | 241     | 0.01%  | 0.001% |
| 83  | 10.826 | 3025 | 3028 | 3031 | rBV2 | 393    | 304     | 0.01%  | 0.002% |
| 84  | 10.868 | 3038 | 3041 | 3045 | rBV2 | 659    | 522     | 0.02%  | 0.003% |
| 85  | 10.907 | 3049 | 3053 | 3058 | rVV4 | 673    | 598     | 0.02%  | 0.003% |
| 86  | 11.039 | 3091 | 3094 | 3096 | rBV2 | 394    | 225     | 0.01%  | 0.001% |
| 87  | 11.061 | 3099 | 3101 | 3106 | rVB2 | 331    | 266     | 0.01%  | 0.002% |
| 88  | 11.225 | 3147 | 3152 | 3153 | rBV3 | 840    | 657     | 0.02%  | 0.004% |
| 89  | 11.235 | 3153 | 3155 | 3157 | rVV2 | 403    | 263     | 0.01%  | 0.002% |
| 90  | 11.299 | 3162 | 3175 | 3206 | rVV  | 632838 | 1101598 | 34.41% | 6.431% |
| 91  | 11.627 | 3273 | 3277 | 3279 | rBV3 | 453    | 346     | 0.01%  | 0.002% |
| 92  | 11.678 | 3280 | 3293 | 3319 | rVV  | 640533 | 1113628 | 34.78% | 6.501% |
| 93  | 11.858 | 3346 | 3349 | 3351 | rBV  | 515    | 251     | 0.01%  | 0.001% |
| 94  | 12.032 | 3400 | 3403 | 3406 | rBV3 | 668    | 456     | 0.01%  | 0.003% |
| 95  | 12.067 | 3411 | 3414 | 3417 | rBV2 | 388    | 246     | 0.01%  | 0.001% |
| 96  | 12.842 | 3653 | 3655 | 3659 | rVB  | 436    | 267     | 0.01%  | 0.002% |
| 97  | 13.003 | 3702 | 3705 | 3708 | rBV3 | 573    | 529     | 0.02%  | 0.003% |
| 98  | 13.556 | 3875 | 3877 | 3880 | rBV2 | 761    | 426     | 0.01%  | 0.002% |
| 99  | 13.981 | 4007 | 4009 | 4013 | rBV3 | 620    | 354     | 0.01%  | 0.002% |
| 100 | 14.051 | 4029 | 4031 | 4033 | rBV2 | 686    | 273     | 0.01%  | 0.002% |

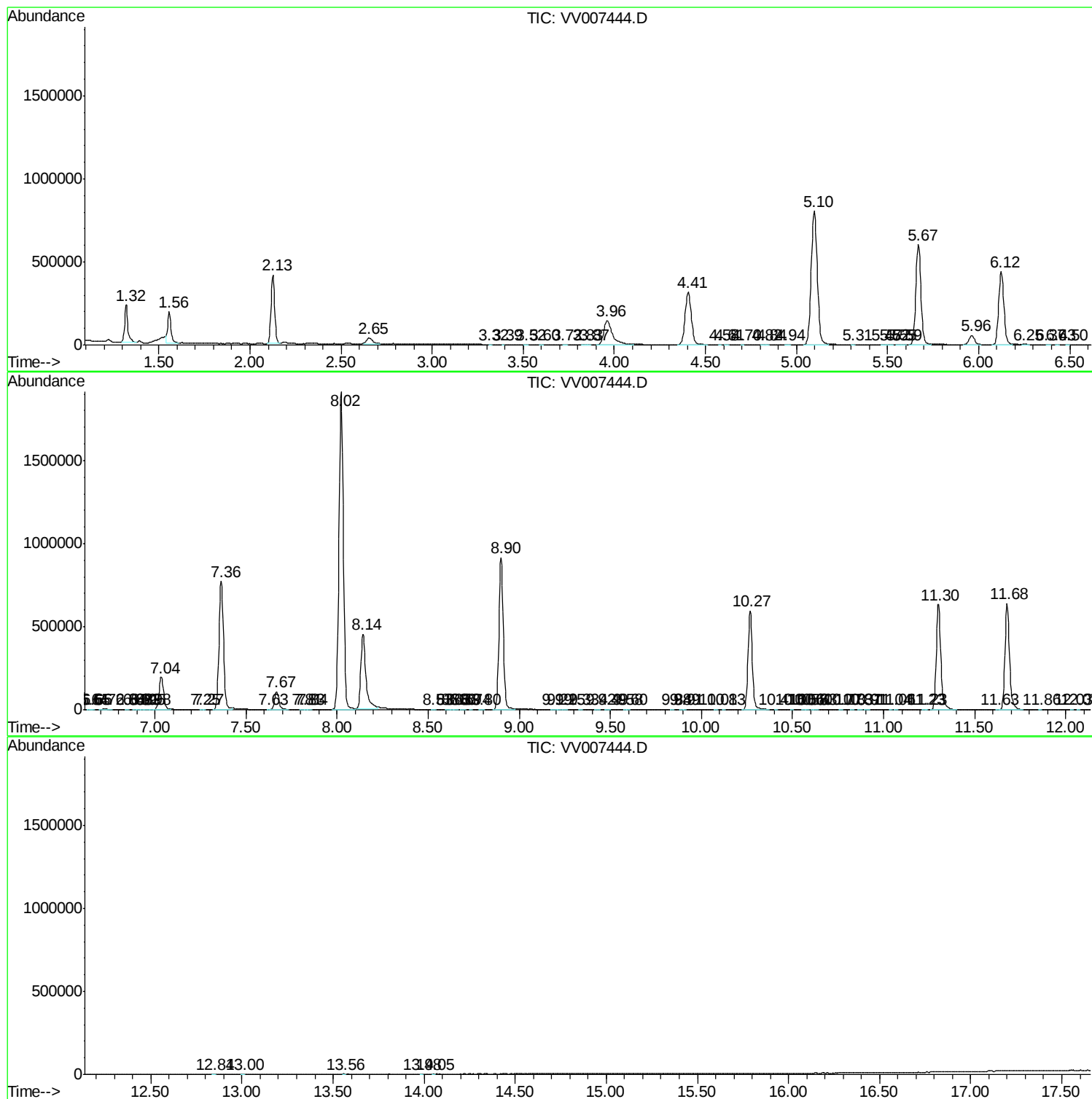
Sum of corrected areas: 17129780

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090418WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV090618\  
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TIC Library : C:\DATABASE\NIST11.L  
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No Library Search Compounds Detected

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| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |
|------------------|----|---------|-------|----------|-----------------------|
|                  |    |         |       |          | # RT Resp Conc        |