

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092518\  
 Data File : VV007868.D  
 Acq On : 25 Sep 2018 21:20  
 Operator : SY/MD  
 Sample : J5012-21  
 Misc : 5.0 mL/MSVOA V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK01

## 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\SOMVLM092518WMA.M  
 Title : VOC Analysis

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 1.325    | 67         | 73       | 91        | rVB   | 85212       | 90800      | 12.15%       | 1.576%     |
| 2      | 1.589    | 148        | 155      | 167       | rVB   | 79696       | 89569      | 11.99%       | 1.555%     |
| 3      | 2.139    | 316        | 326      | 337       | rBV   | 177644      | 254662     | 34.08%       | 4.421%     |
| 4      | 3.528    | 756        | 758      | 760       | rBV2  | 299         | 151        | 0.02%        | 0.003%     |
| 5      | 3.573    | 770        | 772      | 774       | rBV   | 210         | 134        | 0.02%        | 0.002%     |
| 6      | 3.647    | 792        | 795      | 799       | rBV2  | 217         | 204        | 0.03%        | 0.004%     |
| 7      | 3.682    | 803        | 806      | 810       | rBV2  | 177         | 183        | 0.02%        | 0.003%     |
| 8      | 3.785    | 835        | 838      | 843       | rBV2  | 142         | 137        | 0.02%        | 0.002%     |
| 9      | 3.849    | 855        | 858      | 860       | rBV2  | 231         | 165        | 0.02%        | 0.003%     |
| 10     | 3.897    | 870        | 873      | 875       | rBV2  | 190         | 135        | 0.02%        | 0.002%     |
| 11     | 3.955    | 876        | 891      | 923       | rVV2  | 51202       | 162547     | 21.75%       | 2.822%     |
| 12     | 4.325    | 1003       | 1006     | 1010      | rBV2  | 228         | 164        | 0.02%        | 0.003%     |
| 13     | 4.412    | 1015       | 1033     | 1061      | rBV2  | 108802      | 289167     | 38.69%       | 5.020%     |
| 14     | 4.630    | 1098       | 1101     | 1105      | rVB2  | 429         | 321        | 0.04%        | 0.006%     |
| 15     | 4.727    | 1126       | 1131     | 1137      | rBV2  | 242         | 315        | 0.04%        | 0.005%     |
| 16     | 4.888    | 1175       | 1181     | 1183      | rBV2  | 200         | 197        | 0.03%        | 0.003%     |
| 17     | 4.920    | 1186       | 1191     | 1194      | rBV2  | 194         | 198        | 0.03%        | 0.003%     |
| 18     | 5.103    | 1229       | 1248     | 1295      | rBV2  | 299580      | 747341     | 100.00%      | 12.975%    |
| 19     | 5.399    | 1337       | 1340     | 1343      | rVB   | 222         | 144        | 0.02%        | 0.003%     |
| 20     | 5.450    | 1351       | 1356     | 1358      | rBV2  | 212         | 159        | 0.02%        | 0.003%     |
| 21     | 5.511    | 1372       | 1375     | 1381      | rVB2  | 311         | 362        | 0.05%        | 0.006%     |
| 22     | 5.582    | 1392       | 1397     | 1400      | rBV2  | 165         | 188        | 0.03%        | 0.003%     |
| 23     | 5.672    | 1409       | 1425     | 1461      | rBV   | 219520      | 447410     | 59.87%       | 7.768%     |
| 24     | 5.955    | 1503       | 1513     | 1526      | rVB6  | 3025        | 6714       | 0.90%        | 0.117%     |
| 25     | 6.003    | 1526       | 1528     | 1531      | rBV   | 313         | 235        | 0.03%        | 0.004%     |
| 26     | 6.125    | 1552       | 1566     | 1593      | rBV   | 165794      | 337400     | 45.15%       | 5.858%     |
| 27     | 6.331    | 1626       | 1630     | 1634      | rBV2  | 332         | 320        | 0.04%        | 0.006%     |
| 28     | 6.354    | 1634       | 1637     | 1640      | rVB   | 197         | 141        | 0.02%        | 0.002%     |
| 29     | 6.421    | 1654       | 1658     | 1662      | rBV   | 265         | 290        | 0.04%        | 0.005%     |
| 30     | 6.650    | 1722       | 1729     | 1736      | rBV4  | 1088        | 1955       | 0.26%        | 0.034%     |
| 31     | 6.756    | 1758       | 1762     | 1767      | rBV2  | 153         | 161        | 0.02%        | 0.003%     |
| 32     | 6.820    | 1779       | 1782     | 1784      | rBV   | 144         | 109        | 0.01%        | 0.002%     |
| 33     | 6.871    | 1793       | 1798     | 1803      | rBV2  | 156         | 184        | 0.02%        | 0.003%     |
| 34     | 6.952    | 1820       | 1823     | 1825      | rVB   | 226         | 109        | 0.01%        | 0.002%     |

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 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092518WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 7.035  | 1836 | 1849 | 1873 | rBV  | 81162  | 150411 | 20.13% | 2.611%  |
| 36 | 7.241  | 1910 | 1913 | 1918 | rVB  | 296    | 226    | 0.03%  | 0.004%  |
| 37 | 7.267  | 1918 | 1921 | 1927 | rVB2 | 207    | 242    | 0.03%  | 0.004%  |
| 38 | 7.296  | 1927 | 1930 | 1931 | rBV  | 179    | 119    | 0.02%  | 0.002%  |
| 39 | 7.309  | 1932 | 1934 | 1938 | rVB2 | 236    | 194    | 0.03%  | 0.003%  |
| 40 | 7.367  | 1938 | 1952 | 1988 | rBV  | 334613 | 619138 | 82.85% | 10.749% |
| 41 | 7.669  | 2035 | 2046 | 2066 | rBV  | 58228  | 102061 | 13.66% | 1.772%  |
| 42 | 7.855  | 2100 | 2104 | 2106 | rBV  | 234    | 217    | 0.03%  | 0.004%  |
| 43 | 7.907  | 2118 | 2120 | 2124 | rBV3 | 292    | 189    | 0.03%  | 0.003%  |
| 44 | 8.016  | 2150 | 2154 | 2155 | rBV  | 1312   | 838    | 0.11%  | 0.015%  |
| 45 | 8.068  | 2167 | 2170 | 2178 | rBV3 | 272    | 236    | 0.03%  | 0.004%  |
| 46 | 8.138  | 2180 | 2192 | 2224 | rBV  | 161932 | 360165 | 48.19% | 6.253%  |
| 47 | 8.505  | 2304 | 2306 | 2310 | rVB2 | 225    | 152    | 0.02%  | 0.003%  |
| 48 | 8.550  | 2318 | 2320 | 2324 | rVB2 | 283    | 120    | 0.02%  | 0.002%  |
| 49 | 8.582  | 2324 | 2330 | 2332 | rBV2 | 178    | 234    | 0.03%  | 0.004%  |
| 50 | 8.698  | 2359 | 2366 | 2369 | rBV2 | 217    | 282    | 0.04%  | 0.005%  |
| 51 | 8.759  | 2382 | 2385 | 2388 | rBV2 | 184    | 133    | 0.02%  | 0.002%  |
| 52 | 8.900  | 2416 | 2429 | 2456 | rBV  | 323723 | 553546 | 74.07% | 9.611%  |
| 53 | 9.167  | 2509 | 2512 | 2516 | rBV2 | 170    | 186    | 0.02%  | 0.003%  |
| 54 | 9.193  | 2517 | 2520 | 2521 | rBV2 | 185    | 111    | 0.01%  | 0.002%  |
| 55 | 9.296  | 2549 | 2552 | 2556 | rBV2 | 132    | 129    | 0.02%  | 0.002%  |
| 56 | 9.376  | 2575 | 2577 | 2580 | rVB  | 270    | 132    | 0.02%  | 0.002%  |
| 57 | 9.473  | 2604 | 2607 | 2609 | rBV2 | 198    | 128    | 0.02%  | 0.002%  |
| 58 | 9.502  | 2615 | 2616 | 2619 | rBV2 | 260    | 135    | 0.02%  | 0.002%  |
| 59 | 9.585  | 2634 | 2642 | 2645 | rBV2 | 443    | 470    | 0.06%  | 0.008%  |
| 60 | 9.617  | 2649 | 2652 | 2655 | rBV  | 308    | 192    | 0.03%  | 0.003%  |
| 61 | 9.637  | 2655 | 2658 | 2661 | rBV2 | 154    | 132    | 0.02%  | 0.002%  |
| 62 | 9.746  | 2686 | 2692 | 2695 | rBV2 | 206    | 193    | 0.03%  | 0.003%  |
| 63 | 9.768  | 2695 | 2699 | 2702 | rBV2 | 183    | 143    | 0.02%  | 0.002%  |
| 64 | 9.862  | 2726 | 2728 | 2731 | rBV  | 170    | 107    | 0.01%  | 0.002%  |
| 65 | 9.900  | 2736 | 2740 | 2742 | rBV  | 244    | 207    | 0.03%  | 0.004%  |
| 66 | 9.968  | 2757 | 2761 | 2762 | rBV  | 147    | 109    | 0.01%  | 0.002%  |
| 67 | 10.019 | 2774 | 2777 | 2779 | rBV  | 168    | 110    | 0.01%  | 0.002%  |
| 68 | 10.051 | 2779 | 2787 | 2789 | rBV  | 236    | 232    | 0.03%  | 0.004%  |
| 69 | 10.064 | 2789 | 2791 | 2796 | rVB  | 188    | 119    | 0.02%  | 0.002%  |
| 70 | 10.093 | 2796 | 2800 | 2803 | rBV2 | 259    | 254    | 0.03%  | 0.004%  |
| 71 | 10.112 | 2803 | 2806 | 2810 | rVB2 | 218    | 152    | 0.02%  | 0.003%  |

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 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\SOMVLM092518WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 10.132 | 2810 | 2812 | 2815 | rBV  | 190    | 158    | 0.02%  | 0.003%  |
| 73  | 10.196 | 2826 | 2832 | 2833 | rBV  | 185    | 156    | 0.02%  | 0.003%  |
| 74  | 10.267 | 2842 | 2854 | 2878 | rBV  | 225222 | 372496 | 49.84% | 6.467%  |
| 75  | 10.424 | 2900 | 2903 | 2905 | rVV  | 319    | 223    | 0.03%  | 0.004%  |
| 76  | 10.476 | 2915 | 2919 | 2922 | rVB  | 187    | 131    | 0.02%  | 0.002%  |
| 77  | 10.511 | 2927 | 2930 | 2933 | rBV  | 146    | 126    | 0.02%  | 0.002%  |
| 78  | 10.530 | 2933 | 2936 | 2940 | rBV2 | 271    | 174    | 0.02%  | 0.003%  |
| 79  | 10.685 | 2981 | 2984 | 2989 | rBV2 | 219    | 209    | 0.03%  | 0.004%  |
| 80  | 10.714 | 2990 | 2993 | 2998 | rBV  | 266    | 226    | 0.03%  | 0.004%  |
| 81  | 10.784 | 3011 | 3015 | 3017 | rBV  | 179    | 159    | 0.02%  | 0.003%  |
| 82  | 10.971 | 3070 | 3073 | 3075 | rBV  | 182    | 149    | 0.02%  | 0.003%  |
| 83  | 11.058 | 3096 | 3100 | 3104 | rVB2 | 163    | 135    | 0.02%  | 0.002%  |
| 84  | 11.299 | 3163 | 3175 | 3203 | rVB  | 320141 | 553666 | 74.08% | 9.613%  |
| 85  | 11.485 | 3229 | 3233 | 3239 | rVB3 | 290    | 256    | 0.03%  | 0.004%  |
| 86  | 11.518 | 3239 | 3243 | 3245 | rBV2 | 254    | 209    | 0.03%  | 0.004%  |
| 87  | 11.579 | 3255 | 3262 | 3265 | rBV2 | 241    | 299    | 0.04%  | 0.005%  |
| 88  | 11.678 | 3280 | 3293 | 3315 | rBV  | 344031 | 604367 | 80.87% | 10.493% |
| 89  | 11.839 | 3340 | 3343 | 3344 | rBV2 | 233    | 159    | 0.02%  | 0.003%  |
| 90  | 11.868 | 3349 | 3352 | 3354 | rVV2 | 217    | 114    | 0.02%  | 0.002%  |
| 91  | 11.974 | 3381 | 3385 | 3387 | rBV2 | 260    | 161    | 0.02%  | 0.003%  |
| 92  | 12.080 | 3416 | 3418 | 3422 | rBV3 | 250    | 213    | 0.03%  | 0.004%  |
| 93  | 12.190 | 3449 | 3452 | 3455 | rBV2 | 319    | 199    | 0.03%  | 0.003%  |
| 94  | 12.235 | 3464 | 3466 | 3468 | rBV  | 189    | 111    | 0.01%  | 0.002%  |
| 95  | 12.328 | 3491 | 3495 | 3498 | rVB  | 357    | 268    | 0.04%  | 0.005%  |
| 96  | 12.402 | 3515 | 3518 | 3520 | rBV3 | 239    | 150    | 0.02%  | 0.003%  |
| 97  | 12.685 | 3603 | 3606 | 3609 | rBV2 | 370    | 347    | 0.05%  | 0.006%  |
| 98  | 12.733 | 3616 | 3621 | 3624 | rBV2 | 273    | 285    | 0.04%  | 0.005%  |
| 99  | 12.913 | 3673 | 3677 | 3682 | rBV2 | 373    | 433    | 0.06%  | 0.008%  |
| 100 | 13.100 | 3731 | 3735 | 3736 | rBV  | 290    | 172    | 0.02%  | 0.003%  |

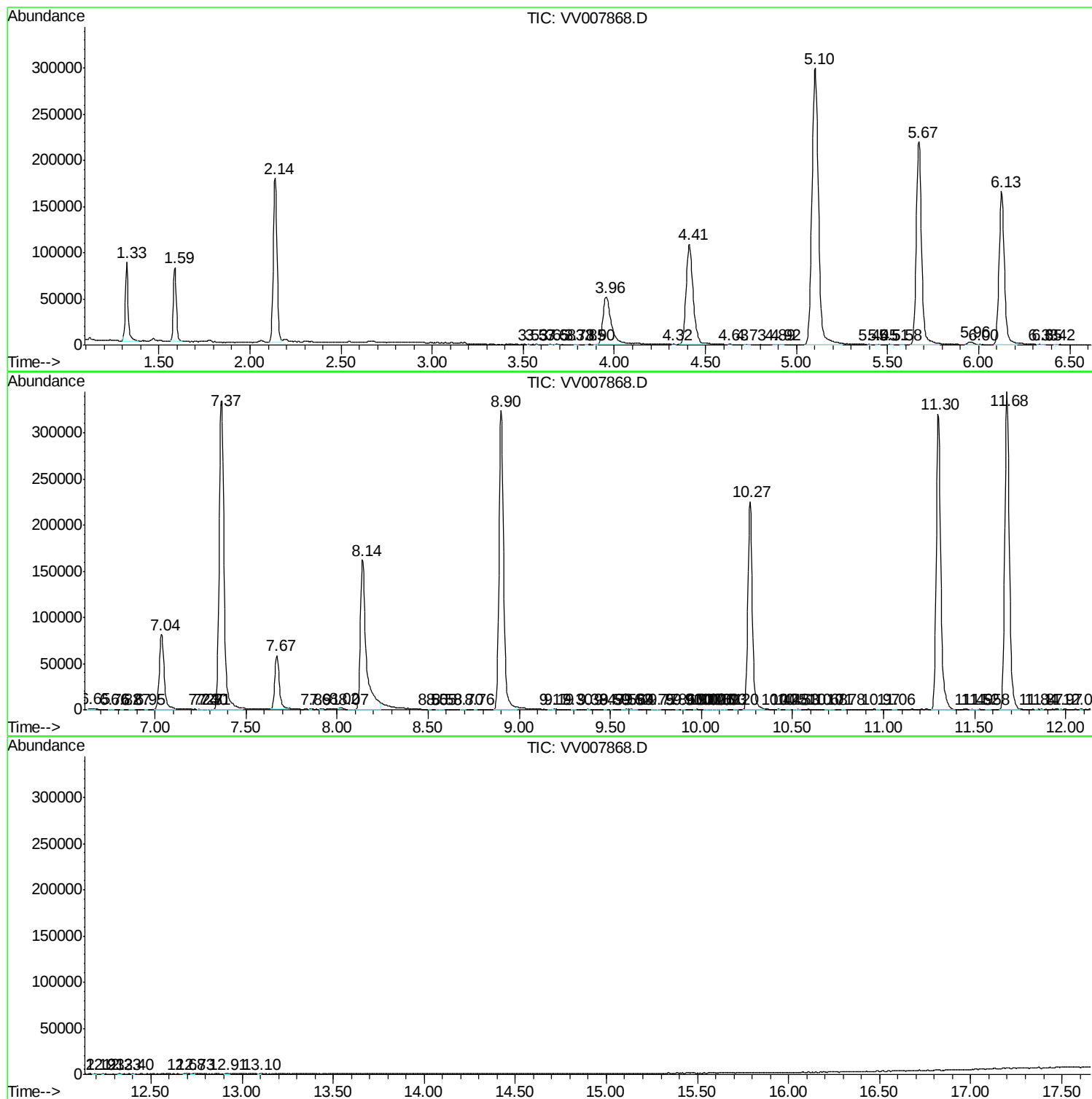
Sum of corrected areas: 5759766

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092518WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV092518\  
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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        |