

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110719\  
 Data File : VU035668.D  
 Acq On : 07 Nov 2019 18:36  
 Operator : JC/SP  
 Sample : K5739-05  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0CR3

## 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\_U\METHOD\SOMULM103119WMA.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      | 1.372    | 6          | 10       | 16        | rVB3  | 6745        | 6486       | 0.26%        | 0.035%     |
| 2      | 1.617    | 78         | 86       | 101       | rBV   | 388202      | 423933     | 16.72%       | 2.267%     |
| 3      | 1.932    | 176        | 184      | 200       | rVB   | 294111      | 392113     | 15.47%       | 2.097%     |
| 4      | 2.597    | 377        | 391      | 408       | rBV   | 530809      | 893382     | 35.24%       | 4.777%     |
| 5      | 2.810    | 449        | 457      | 473       | rVB3  | 13135       | 25865      | 1.02%        | 0.138%     |
| 6      | 3.083    | 537        | 542      | 543       | rBV3  | 689         | 573        | 0.02%        | 0.003%     |
| 7      | 3.121    | 551        | 554      | 558       | rVB4  | 486         | 274        | 0.01%        | 0.001%     |
| 8      | 3.147    | 560        | 562      | 566       | rVB3  | 800         | 398        | 0.02%        | 0.002%     |
| 9      | 3.234    | 572        | 589      | 618       | rVB   | 130835      | 306825     | 12.10%       | 1.641%     |
| 10     | 3.340    | 618        | 622      | 624       | rBV   | 369         | 261        | 0.01%        | 0.001%     |
| 11     | 3.356    | 624        | 627      | 631       | rVB3  | 554         | 370        | 0.01%        | 0.002%     |
| 12     | 3.424    | 645        | 648      | 653       | rVB2  | 775         | 623        | 0.02%        | 0.003%     |
| 13     | 3.453    | 653        | 657      | 658       | rBV3  | 464         | 351        | 0.01%        | 0.002%     |
| 14     | 3.494    | 665        | 670      | 675       | rVB3  | 589         | 703        | 0.03%        | 0.004%     |
| 15     | 3.703    | 733        | 735      | 741       | rVB3  | 513         | 468        | 0.02%        | 0.003%     |
| 16     | 3.729    | 741        | 743      | 746       | rBV   | 344         | 224        | 0.01%        | 0.001%     |
| 17     | 3.764    | 752        | 754      | 758       | rBV   | 278         | 249        | 0.01%        | 0.001%     |
| 18     | 3.793    | 758        | 763      | 767       | rVB2  | 523         | 590        | 0.02%        | 0.003%     |
| 19     | 3.832    | 772        | 775      | 781       | rVB2  | 460         | 314        | 0.01%        | 0.002%     |
| 20     | 3.957    | 810        | 814      | 816       | rVB2  | 276         | 209        | 0.01%        | 0.001%     |
| 21     | 4.266    | 904        | 910      | 914       | rVB3  | 324         | 312        | 0.01%        | 0.002%     |
| 22     | 4.292    | 914        | 918      | 920       | rBV   | 327         | 236        | 0.01%        | 0.001%     |
| 23     | 4.337    | 929        | 932      | 935       | rBV   | 396         | 269        | 0.01%        | 0.001%     |
| 24     | 4.375    | 941        | 944      | 946       | rBV   | 313         | 228        | 0.01%        | 0.001%     |
| 25     | 4.501    | 979        | 983      | 986       | rBV2  | 237         | 211        | 0.01%        | 0.001%     |
| 26     | 4.626    | 1018       | 1022     | 1026      | rBV2  | 350         | 344        | 0.01%        | 0.002%     |
| 27     | 4.694    | 1026       | 1043     | 1087      | rBV2  | 258142      | 694369     | 27.39%       | 3.713%     |
| 28     | 5.115    | 1158       | 1174     | 1205      | rBV2  | 454934      | 1108181    | 43.71%       | 5.925%     |
| 29     | 5.555    | 1307       | 1311     | 1315      | rBV4  | 604         | 623        | 0.02%        | 0.003%     |
| 30     | 5.575    | 1315       | 1317     | 1319      | rVB2  | 543         | 254        | 0.01%        | 0.001%     |
| 31     | 5.665    | 1342       | 1345     | 1348      | rBV2  | 341         | 243        | 0.01%        | 0.001%     |
| 32     | 5.771    | 1356       | 1378     | 1417      | rBV2  | 962185      | 2535058    | 100.00%      | 13.554%    |
| 33     | 6.150    | 1494       | 1496     | 1498      | rBV3  | 731         | 402        | 0.02%        | 0.002%     |
| 34     | 6.295    | 1525       | 1541     | 1575      | rBV   | 778336      | 1514263    | 59.73%       | 8.096%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM103119WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 35 | 6.623  | 1640 | 1643 | 1646 | rBV2 | 671     | 322     | 0.01%  | 0.002%  |
| 36 | 6.735  | 1662 | 1678 | 1697 | rBV  | 566236  | 1121319 | 44.23% | 5.995%  |
| 37 | 7.121  | 1795 | 1798 | 1800 | rBV2 | 370     | 266     | 0.01%  | 0.001%  |
| 38 | 7.224  | 1821 | 1830 | 1838 | rBV4 | 3591    | 5691    | 0.22%  | 0.030%  |
| 39 | 7.292  | 1848 | 1851 | 1853 | rBV  | 410     | 310     | 0.01%  | 0.002%  |
| 40 | 7.388  | 1877 | 1881 | 1884 | rBV4 | 395     | 349     | 0.01%  | 0.002%  |
| 41 | 7.604  | 1934 | 1948 | 1977 | rBV  | 295796  | 552494  | 21.79% | 2.954%  |
| 42 | 7.935  | 2036 | 2051 | 2092 | rBV  | 1149715 | 2086010 | 82.29% | 11.153% |
| 43 | 8.214  | 2125 | 2138 | 2163 | rBV  | 202689  | 379558  | 14.97% | 2.029%  |
| 44 | 8.407  | 2195 | 2198 | 2204 | rVB3 | 545     | 480     | 0.02%  | 0.003%  |
| 45 | 8.491  | 2221 | 2224 | 2226 | rBV3 | 326     | 244     | 0.01%  | 0.001%  |
| 46 | 8.591  | 2247 | 2255 | 2262 | rVB7 | 1521    | 2424    | 0.10%  | 0.013%  |
| 47 | 8.681  | 2269 | 2283 | 2336 | rBV  | 347979  | 1178947 | 46.51% | 6.303%  |
| 48 | 9.137  | 2422 | 2425 | 2427 | rBV2 | 460     | 235     | 0.01%  | 0.001%  |
| 49 | 9.150  | 2427 | 2429 | 2436 | rVB2 | 343     | 229     | 0.01%  | 0.001%  |
| 50 | 9.185  | 2436 | 2440 | 2444 | rBV2 | 833     | 776     | 0.03%  | 0.004%  |
| 51 | 9.224  | 2450 | 2452 | 2455 | rVB2 | 444     | 274     | 0.01%  | 0.001%  |
| 52 | 9.250  | 2455 | 2460 | 2462 | rBV3 | 528     | 452     | 0.02%  | 0.002%  |
| 53 | 9.449  | 2508 | 2522 | 2562 | rVV  | 996946  | 1843149 | 72.71% | 9.855%  |
| 54 | 9.587  | 2562 | 2565 | 2566 | rBV2 | 790     | 443     | 0.02%  | 0.002%  |
| 55 | 9.687  | 2594 | 2596 | 2600 | rVB2 | 498     | 309     | 0.01%  | 0.002%  |
| 56 | 9.713  | 2600 | 2604 | 2605 | rBV  | 762     | 480     | 0.02%  | 0.003%  |
| 57 | 9.806  | 2628 | 2633 | 2637 | rBV2 | 341     | 388     | 0.02%  | 0.002%  |
| 58 | 9.848  | 2643 | 2646 | 2649 | rVB2 | 624     | 365     | 0.01%  | 0.002%  |
| 59 | 9.899  | 2658 | 2662 | 2665 | rBV2 | 409     | 356     | 0.01%  | 0.002%  |
| 60 | 10.005 | 2688 | 2695 | 2700 | rVV2 | 580     | 773     | 0.03%  | 0.004%  |
| 61 | 10.057 | 2707 | 2711 | 2715 | rBV3 | 324     | 256     | 0.01%  | 0.001%  |
| 62 | 10.124 | 2729 | 2732 | 2734 | rBV2 | 476     | 277     | 0.01%  | 0.001%  |
| 63 | 10.208 | 2753 | 2758 | 2761 | rVB2 | 443     | 399     | 0.02%  | 0.002%  |
| 64 | 10.237 | 2761 | 2767 | 2770 | rBV2 | 629     | 500     | 0.02%  | 0.003%  |
| 65 | 10.320 | 2791 | 2793 | 2797 | rVB3 | 455     | 261     | 0.01%  | 0.001%  |
| 66 | 10.372 | 2806 | 2809 | 2815 | rVV2 | 366     | 380     | 0.01%  | 0.002%  |
| 67 | 10.507 | 2847 | 2851 | 2854 | rBV2 | 857     | 770     | 0.03%  | 0.004%  |
| 68 | 10.787 | 2925 | 2938 | 2957 | rBV  | 703072  | 1232458 | 48.62% | 6.590%  |
| 69 | 10.983 | 2996 | 2999 | 3002 | rBV2 | 361     | 229     | 0.01%  | 0.001%  |
| 70 | 11.115 | 3036 | 3040 | 3042 | rBV3 | 799     | 677     | 0.03%  | 0.004%  |
| 71 | 11.211 | 3067 | 3070 | 3074 | rVB  | 651     | 411     | 0.02%  | 0.002%  |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM103119WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 11.234 | 3074 | 3077 | 3082 | rBV3 | 501    | 461     | 0.02%  | 0.002% |
| 73  | 11.436 | 3136 | 3140 | 3146 | rVB4 | 933    | 877     | 0.03%  | 0.005% |
| 74  | 11.475 | 3150 | 3152 | 3154 | rBV2 | 341    | 208     | 0.01%  | 0.001% |
| 75  | 11.494 | 3156 | 3158 | 3163 | rVB2 | 516    | 380     | 0.01%  | 0.002% |
| 76  | 11.546 | 3168 | 3174 | 3177 | rBV2 | 355    | 352     | 0.01%  | 0.002% |
| 77  | 11.722 | 3227 | 3229 | 3234 | rVB2 | 485    | 256     | 0.01%  | 0.001% |
| 78  | 11.764 | 3234 | 3242 | 3244 | rBV3 | 1125   | 1188    | 0.05%  | 0.006% |
| 79  | 11.841 | 3253 | 3266 | 3283 | rBV  | 619139 | 1111709 | 43.85% | 5.944% |
| 80  | 11.973 | 3304 | 3307 | 3310 | rBV2 | 714    | 626     | 0.02%  | 0.003% |
| 81  | 12.037 | 3324 | 3327 | 3330 | rBV2 | 362    | 280     | 0.01%  | 0.001% |
| 82  | 12.086 | 3340 | 3342 | 3347 | rVB4 | 636    | 537     | 0.02%  | 0.003% |
| 83  | 12.163 | 3362 | 3366 | 3368 | rBV3 | 556    | 401     | 0.02%  | 0.002% |
| 84  | 12.224 | 3371 | 3385 | 3401 | rVV  | 733454 | 1255219 | 49.51% | 6.711% |
| 85  | 12.346 | 3420 | 3423 | 3425 | rBV2 | 472    | 302     | 0.01%  | 0.002% |
| 86  | 12.555 | 3482 | 3488 | 3493 | rBV3 | 663    | 995     | 0.04%  | 0.005% |
| 87  | 12.578 | 3493 | 3495 | 3497 | rBV  | 340    | 210     | 0.01%  | 0.001% |
| 88  | 12.645 | 3511 | 3516 | 3522 | rBV3 | 763    | 897     | 0.04%  | 0.005% |
| 89  | 12.693 | 3529 | 3531 | 3534 | rBV  | 378    | 227     | 0.01%  | 0.001% |
| 90  | 12.944 | 3607 | 3609 | 3613 | rBV4 | 347    | 250     | 0.01%  | 0.001% |
| 91  | 12.996 | 3622 | 3625 | 3628 | rBV2 | 550    | 412     | 0.02%  | 0.002% |
| 92  | 13.012 | 3628 | 3630 | 3635 | rVV3 | 423    | 317     | 0.01%  | 0.002% |
| 93  | 13.054 | 3641 | 3643 | 3647 | rVB2 | 452    | 257     | 0.01%  | 0.001% |
| 94  | 13.179 | 3678 | 3682 | 3684 | rBV  | 506    | 401     | 0.02%  | 0.002% |
| 95  | 13.237 | 3695 | 3700 | 3702 | rBV3 | 1176   | 1202    | 0.05%  | 0.006% |
| 96  | 13.304 | 3718 | 3721 | 3725 | rBV2 | 767    | 467     | 0.02%  | 0.002% |
| 97  | 13.507 | 3780 | 3784 | 3786 | rBV3 | 736    | 649     | 0.03%  | 0.003% |
| 98  | 13.799 | 3872 | 3875 | 3877 | rBV3 | 596    | 446     | 0.02%  | 0.002% |
| 99  | 13.861 | 3891 | 3894 | 3895 | rBV2 | 847    | 526     | 0.02%  | 0.003% |
| 100 | 15.034 | 4257 | 4259 | 4261 | rBV3 | 1184   | 619     | 0.02%  | 0.003% |

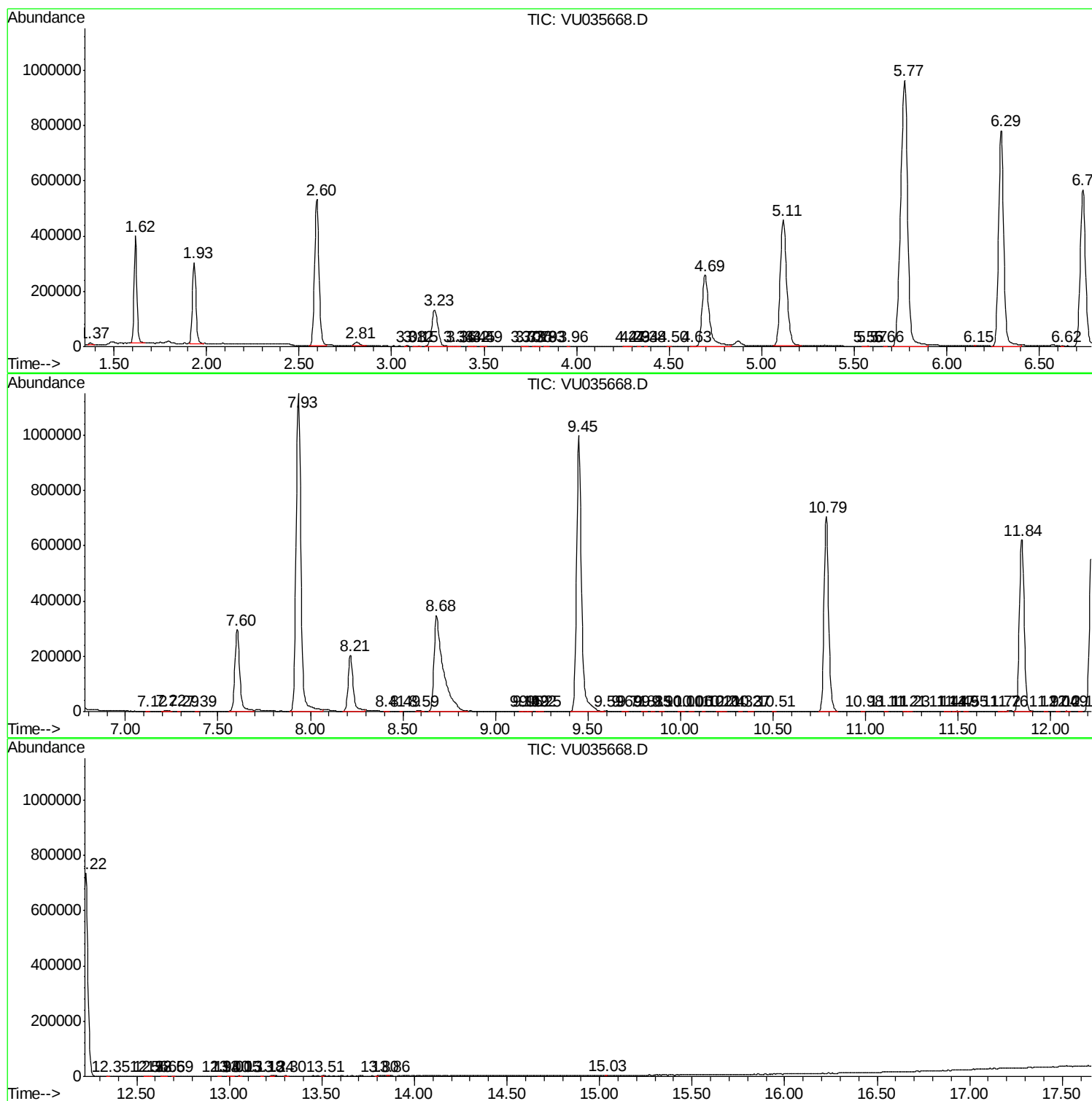
Sum of corrected areas: 18703136

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM103119WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU110719\  
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

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