

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102119\  
 Data File : VU035321.D  
 Acq On : 21 Oct 2019 11:41  
 Operator : JC/SP  
 Sample : VU1021WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK50

## 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\SOMULM101919WMA.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      | 1.369    | 6          | 9        | 16        | rVB2  | 6162        | 5426       | 0.20%        | 0.027%     |
| 2      | 1.616    | 78         | 86       | 101       | rBV   | 373591      | 413130     | 15.31%       | 2.068%     |
| 3      | 1.932    | 176        | 184      | 202       | rVB   | 304933      | 401508     | 14.88%       | 2.010%     |
| 4      | 2.594    | 377        | 390      | 409       | rBV   | 565112      | 935161     | 34.65%       | 4.682%     |
| 5      | 2.903    | 483        | 486      | 489       | rBV2  | 891         | 674        | 0.02%        | 0.003%     |
| 6      | 2.989    | 509        | 513      | 515       | rBV3  | 1177        | 960        | 0.04%        | 0.005%     |
| 7      | 3.079    | 533        | 541      | 551       | rBV8  | 3859        | 7507       | 0.28%        | 0.038%     |
| 8      | 3.153    | 560        | 564      | 565       | rBV   | 657         | 407        | 0.02%        | 0.002%     |
| 9      | 3.176    | 568        | 571      | 575       | rVV3  | 861         | 656        | 0.02%        | 0.003%     |
| 10     | 3.234    | 575        | 589      | 606       | rVB   | 15239       | 35969      | 1.33%        | 0.180%     |
| 11     | 3.308    | 608        | 612      | 614       | rBV   | 564         | 304        | 0.01%        | 0.002%     |
| 12     | 3.385    | 634        | 636      | 639       | rBV2  | 643         | 422        | 0.02%        | 0.002%     |
| 13     | 3.549    | 685        | 687      | 694       | rVB2  | 452         | 468        | 0.02%        | 0.002%     |
| 14     | 3.584    | 694        | 698      | 700       | rBV4  | 482         | 418        | 0.02%        | 0.002%     |
| 15     | 3.613    | 702        | 707      | 709       | rBV2  | 567         | 364        | 0.01%        | 0.002%     |
| 16     | 3.751    | 748        | 750      | 753       | rVB2  | 585         | 338        | 0.01%        | 0.002%     |
| 17     | 3.784    | 753        | 760      | 765       | rBV5  | 448         | 668        | 0.02%        | 0.003%     |
| 18     | 3.841    | 775        | 778      | 781       | rBV2  | 495         | 431        | 0.02%        | 0.002%     |
| 19     | 3.861    | 781        | 784      | 786       | rVV2  | 587         | 430        | 0.02%        | 0.002%     |
| 20     | 4.243    | 899        | 903      | 908       | rVB4  | 404         | 368        | 0.01%        | 0.002%     |
| 21     | 4.388    | 945        | 948      | 950       | rBV2  | 568         | 322        | 0.01%        | 0.002%     |
| 22     | 4.694    | 1027       | 1043     | 1065      | rBV   | 259461      | 633991     | 23.49%       | 3.174%     |
| 23     | 5.115    | 1156       | 1174     | 1199      | rBV   | 479991      | 1058341    | 39.21%       | 5.299%     |
| 24     | 5.420    | 1260       | 1269     | 1273      | rBV6  | 1678        | 2367       | 0.09%        | 0.012%     |
| 25     | 5.575    | 1315       | 1317     | 1322      | rVB2  | 1012        | 850        | 0.03%        | 0.004%     |
| 26     | 5.600    | 1322       | 1325     | 1329      | rBV4  | 676         | 655        | 0.02%        | 0.003%     |
| 27     | 5.771    | 1353       | 1378     | 1410      | rBV2  | 1023379     | 2698943    | 100.00%      | 13.513%    |
| 28     | 6.192    | 1507       | 1509     | 1513      | rVB3  | 1240        | 758        | 0.03%        | 0.004%     |
| 29     | 6.292    | 1525       | 1540     | 1562      | rBV   | 803595      | 1546109    | 57.29%       | 7.741%     |
| 30     | 6.735    | 1662       | 1678     | 1704      | rBV   | 624066      | 1232830    | 45.68%       | 6.172%     |
| 31     | 7.005    | 1760       | 1762     | 1765      | rBV3  | 493         | 415        | 0.02%        | 0.002%     |
| 32     | 7.034    | 1768       | 1771     | 1780      | rVB6  | 1430        | 1875       | 0.07%        | 0.009%     |
| 33     | 7.128    | 1795       | 1800     | 1801      | rBV3  | 558         | 339        | 0.01%        | 0.002%     |
| 34     | 7.221    | 1826       | 1829     | 1831      | rBV2  | 993         | 677        | 0.03%        | 0.003%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM101919WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 35 | 7.272  | 1842 | 1845 | 1850 | rVB5 | 781     | 530     | 0.02%  | 0.003%  |
| 36 | 7.603  | 1934 | 1948 | 1978 | rBV  | 353572  | 659291  | 24.43% | 3.301%  |
| 37 | 7.838  | 2015 | 2021 | 2032 | rVB5 | 4135    | 7217    | 0.27%  | 0.036%  |
| 38 | 7.935  | 2036 | 2051 | 2089 | rBV  | 1252142 | 2233585 | 82.76% | 11.183% |
| 39 | 8.214  | 2124 | 2138 | 2165 | rBV  | 240570  | 452503  | 16.77% | 2.266%  |
| 40 | 8.417  | 2197 | 2201 | 2204 | rBV2 | 465     | 500     | 0.02%  | 0.003%  |
| 41 | 8.504  | 2226 | 2228 | 2232 | rVV4 | 666     | 410     | 0.02%  | 0.002%  |
| 42 | 8.549  | 2240 | 2242 | 2247 | rVB2 | 576     | 453     | 0.02%  | 0.002%  |
| 43 | 8.584  | 2247 | 2253 | 2259 | rBV5 | 1249    | 1798    | 0.07%  | 0.009%  |
| 44 | 8.684  | 2267 | 2284 | 2334 | rBV  | 497960  | 1333592 | 49.41% | 6.677%  |
| 45 | 8.877  | 2341 | 2344 | 2345 | rBV2 | 608     | 374     | 0.01%  | 0.002%  |
| 46 | 8.980  | 2365 | 2376 | 2377 | rBV6 | 1530    | 2174    | 0.08%  | 0.011%  |
| 47 | 9.095  | 2409 | 2412 | 2415 | rBV3 | 632     | 476     | 0.02%  | 0.002%  |
| 48 | 9.150  | 2425 | 2429 | 2433 | rVB4 | 629     | 508     | 0.02%  | 0.003%  |
| 49 | 9.176  | 2433 | 2437 | 2439 | rBV2 | 538     | 473     | 0.02%  | 0.002%  |
| 50 | 9.214  | 2447 | 2449 | 2453 | rVB3 | 714     | 438     | 0.02%  | 0.002%  |
| 51 | 9.356  | 2490 | 2493 | 2496 | rVB2 | 710     | 406     | 0.02%  | 0.002%  |
| 52 | 9.385  | 2500 | 2502 | 2507 | rVB3 | 568     | 356     | 0.01%  | 0.002%  |
| 53 | 9.449  | 2507 | 2522 | 2562 | rBV  | 1059578 | 1910870 | 70.80% | 9.567%  |
| 54 | 9.603  | 2565 | 2570 | 2572 | rBV2 | 1618    | 1326    | 0.05%  | 0.007%  |
| 55 | 9.700  | 2593 | 2600 | 2603 | rBV3 | 1605    | 1751    | 0.06%  | 0.009%  |
| 56 | 9.748  | 2612 | 2615 | 2618 | rVB  | 1211    | 828     | 0.03%  | 0.004%  |
| 57 | 9.771  | 2618 | 2622 | 2626 | rBV2 | 1541    | 1333    | 0.05%  | 0.007%  |
| 58 | 9.861  | 2647 | 2650 | 2652 | rBV  | 688     | 340     | 0.01%  | 0.002%  |
| 59 | 9.873  | 2652 | 2654 | 2659 | rVB3 | 926     | 690     | 0.03%  | 0.003%  |
| 60 | 9.989  | 2688 | 2690 | 2695 | rVB2 | 585     | 436     | 0.02%  | 0.002%  |
| 61 | 10.015 | 2695 | 2698 | 2700 | rBV  | 872     | 541     | 0.02%  | 0.003%  |
| 62 | 10.073 | 2713 | 2716 | 2718 | rVB2 | 666     | 357     | 0.01%  | 0.002%  |
| 63 | 10.092 | 2718 | 2722 | 2724 | rBV2 | 765     | 703     | 0.03%  | 0.004%  |
| 64 | 10.211 | 2756 | 2759 | 2763 | rVB2 | 605     | 376     | 0.01%  | 0.002%  |
| 65 | 10.233 | 2763 | 2766 | 2771 | rVB3 | 907     | 705     | 0.03%  | 0.004%  |
| 66 | 10.275 | 2775 | 2779 | 2780 | rBV  | 945     | 579     | 0.02%  | 0.003%  |
| 67 | 10.343 | 2797 | 2800 | 2804 | rVB3 | 580     | 468     | 0.02%  | 0.002%  |
| 68 | 10.397 | 2814 | 2817 | 2819 | rBV2 | 1046    | 572     | 0.02%  | 0.003%  |
| 69 | 10.410 | 2819 | 2821 | 2828 | rVB3 | 997     | 850     | 0.03%  | 0.004%  |
| 70 | 10.468 | 2836 | 2839 | 2842 | rBV2 | 511     | 480     | 0.02%  | 0.002%  |
| 71 | 10.510 | 2849 | 2852 | 2856 | rBV2 | 974     | 599     | 0.02%  | 0.003%  |

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

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM101919WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 10.619 | 2882 | 2886 | 2889 | rBV3 | 466    | 445     | 0.02%  | 0.002% |
| 73  | 10.661 | 2895 | 2899 | 2908 | rVB5 | 1220   | 1791    | 0.07%  | 0.009% |
| 74  | 10.787 | 2925 | 2938 | 2963 | rVV  | 785075 | 1348375 | 49.96% | 6.751% |
| 75  | 10.986 | 2997 | 3000 | 3002 | rBV2 | 378    | 317     | 0.01%  | 0.002% |
| 76  | 11.028 | 3009 | 3013 | 3015 | rBV2 | 600    | 415     | 0.02%  | 0.002% |
| 77  | 11.115 | 3035 | 3040 | 3043 | rBV4 | 1191   | 1505    | 0.06%  | 0.008% |
| 78  | 11.179 | 3058 | 3060 | 3065 | rVB2 | 549    | 372     | 0.01%  | 0.002% |
| 79  | 11.205 | 3065 | 3068 | 3073 | rBV2 | 490    | 504     | 0.02%  | 0.003% |
| 80  | 11.388 | 3120 | 3125 | 3131 | rBV4 | 692    | 637     | 0.02%  | 0.003% |
| 81  | 11.417 | 3131 | 3134 | 3138 | rBV4 | 579    | 561     | 0.02%  | 0.003% |
| 82  | 11.446 | 3138 | 3143 | 3146 | rBV5 | 935    | 747     | 0.03%  | 0.004% |
| 83  | 11.494 | 3154 | 3158 | 3159 | rBV2 | 1381   | 817     | 0.03%  | 0.004% |
| 84  | 11.690 | 3216 | 3219 | 3222 | rBV4 | 463    | 341     | 0.01%  | 0.002% |
| 85  | 11.716 | 3222 | 3227 | 3231 | rVB4 | 725    | 713     | 0.03%  | 0.004% |
| 86  | 11.774 | 3231 | 3245 | 3253 | rBV8 | 2755   | 5798    | 0.21%  | 0.029% |
| 87  | 11.844 | 3253 | 3267 | 3283 | rVV  | 799925 | 1417565 | 52.52% | 7.097% |
| 88  | 12.224 | 3371 | 3385 | 3401 | rBV  | 933339 | 1573736 | 58.31% | 7.879% |
| 89  | 12.314 | 3411 | 3413 | 3415 | rBV3 | 589    | 364     | 0.01%  | 0.002% |
| 90  | 12.381 | 3431 | 3434 | 3437 | rBV  | 426    | 371     | 0.01%  | 0.002% |
| 91  | 12.639 | 3512 | 3514 | 3518 | rVB2 | 771    | 511     | 0.02%  | 0.003% |
| 92  | 12.668 | 3518 | 3523 | 3528 | rVB4 | 640    | 805     | 0.03%  | 0.004% |
| 93  | 12.902 | 3593 | 3596 | 3597 | rBV2 | 600    | 360     | 0.01%  | 0.002% |
| 94  | 13.243 | 3696 | 3702 | 3704 | rBV4 | 2269   | 2295    | 0.09%  | 0.011% |
| 95  | 13.658 | 3828 | 3831 | 3835 | rBV3 | 928    | 799     | 0.03%  | 0.004% |
| 96  | 13.822 | 3880 | 3882 | 3886 | rVB2 | 643    | 351     | 0.01%  | 0.002% |
| 97  | 13.867 | 3892 | 3896 | 3903 | rVB5 | 3128   | 3779    | 0.14%  | 0.019% |
| 98  | 14.021 | 3942 | 3944 | 3945 | rBV  | 730    | 347     | 0.01%  | 0.002% |
| 99  | 14.108 | 3967 | 3971 | 3982 | rVB3 | 3775   | 4826    | 0.18%  | 0.024% |
| 100 | 14.725 | 4160 | 4163 | 4167 | rBV4 | 1390   | 1229    | 0.05%  | 0.006% |

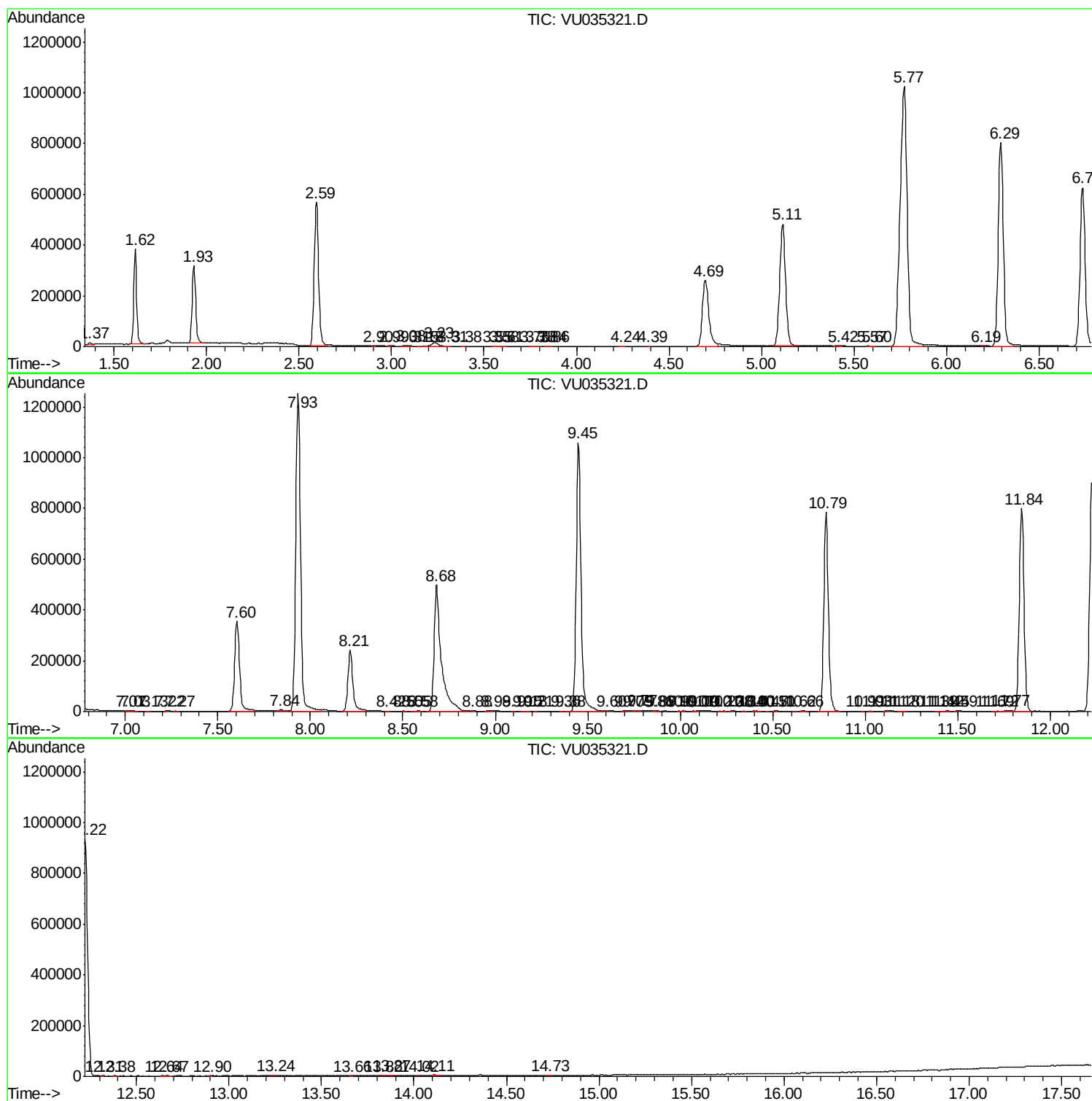
Sum of corrected areas: 19973645

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM101919WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU102119\  
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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          |