

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041219\  
 Data File : VU031135.D  
 Acq On : 12 Apr 2019 17:50  
 Operator : JC/SP  
 Sample : K2354-19  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK02

## 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\SOMULM040519WMA.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      | 1.393    | 88         | 94       | 109       | rBV   | 306246      | 322111     | 16.40%       | 2.174%     |
| 2      | 1.675    | 175        | 182      | 197       | rVB   | 228708      | 287719     | 14.65%       | 1.942%     |
| 3      | 2.264    | 356        | 365      | 379       | rVB   | 452918      | 700279     | 35.65%       | 4.727%     |
| 4      | 2.431    | 414        | 417      | 418       | rBV2  | 850         | 474        | 0.02%        | 0.003%     |
| 5      | 2.598    | 466        | 469      | 471       | rBV2  | 464         | 327        | 0.02%        | 0.002%     |
| 6      | 2.630    | 477        | 479      | 482       | rVB2  | 1441        | 744        | 0.04%        | 0.005%     |
| 7      | 2.659    | 482        | 488      | 491       | rBV2  | 1042        | 1182       | 0.06%        | 0.008%     |
| 8      | 2.701    | 492        | 501      | 508       | rVV6  | 4506        | 7306       | 0.37%        | 0.049%     |
| 9      | 2.942    | 573        | 576      | 579       | rBV   | 665         | 425        | 0.02%        | 0.003%     |
| 10     | 2.965    | 579        | 583      | 584       | rBV   | 408         | 273        | 0.01%        | 0.002%     |
| 11     | 3.090    | 619        | 622      | 624       | rVB   | 432         | 253        | 0.01%        | 0.002%     |
| 12     | 3.109    | 624        | 628      | 630       | rBV3  | 542         | 516        | 0.03%        | 0.003%     |
| 13     | 3.203    | 654        | 657      | 660       | rVB2  | 377         | 214        | 0.01%        | 0.001%     |
| 14     | 3.225    | 661        | 664      | 665       | rBV2  | 345         | 219        | 0.01%        | 0.001%     |
| 15     | 3.257    | 672        | 674      | 676       | rVB   | 449         | 180        | 0.01%        | 0.001%     |
| 16     | 3.286    | 681        | 683      | 685       | rBV   | 814         | 323        | 0.02%        | 0.002%     |
| 17     | 3.309    | 688        | 690      | 691       | rBV   | 279         | 104        | 0.01%        | 0.001%     |
| 18     | 3.328    | 691        | 696      | 699       | rBV3  | 301         | 337        | 0.02%        | 0.002%     |
| 19     | 3.347    | 699        | 702      | 704       | rBV2  | 479         | 328        | 0.02%        | 0.002%     |
| 20     | 3.418    | 722        | 724      | 726       | rBV   | 320         | 174        | 0.01%        | 0.001%     |
| 21     | 3.595    | 775        | 779      | 782       | rBV3  | 603         | 433        | 0.02%        | 0.003%     |
| 22     | 3.637    | 789        | 792      | 794       | rBV   | 689         | 381        | 0.02%        | 0.003%     |
| 23     | 3.650    | 794        | 796      | 798       | rBV   | 449         | 228        | 0.01%        | 0.002%     |
| 24     | 3.708    | 809        | 814      | 817       | rBV2  | 567         | 443        | 0.02%        | 0.003%     |
| 25     | 3.724    | 817        | 819      | 821       | rBV   | 307         | 174        | 0.01%        | 0.001%     |
| 26     | 3.765    | 829        | 832      | 835       | rBV3  | 559         | 324        | 0.02%        | 0.002%     |
| 27     | 3.785    | 835        | 838      | 840       | rBV2  | 649         | 392        | 0.02%        | 0.003%     |
| 28     | 3.814    | 845        | 847      | 853       | rVV2  | 441         | 383        | 0.02%        | 0.003%     |
| 29     | 3.846    | 853        | 857      | 860       | rVV   | 694         | 609        | 0.03%        | 0.004%     |
| 30     | 3.878    | 864        | 867      | 871       | rVB   | 696         | 508        | 0.03%        | 0.003%     |
| 31     | 3.917    | 876        | 879      | 881       | rBV2  | 548         | 299        | 0.02%        | 0.002%     |
| 32     | 3.958    | 889        | 892      | 895       | rBV2  | 917         | 475        | 0.02%        | 0.003%     |
| 33     | 3.994    | 901        | 903      | 905       | rBV   | 260         | 117        | 0.01%        | 0.001%     |
| 34     | 4.013    | 905        | 909      | 911       | rVB2  | 1040        | 575        | 0.03%        | 0.004%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040519WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |         |         |         |
|----|-------|------|------|------|------|--------|---------|---------|---------|
| 35 | 4.026 | 911  | 913  | 916  | rVB2 | 524    | 232     | 0.01%   | 0.002%  |
| 36 | 4.055 | 919  | 922  | 924  | rBV2 | 464    | 268     | 0.01%   | 0.002%  |
| 37 | 4.077 | 927  | 929  | 932  | rVB3 | 359    | 186     | 0.01%   | 0.001%  |
| 38 | 4.103 | 932  | 937  | 938  | rBV2 | 392    | 341     | 0.02%   | 0.002%  |
| 39 | 4.174 | 947  | 959  | 986  | rBV  | 193202 | 524830  | 26.72%  | 3.543%  |
| 40 | 4.569 | 1079 | 1082 | 1086 | rVB  | 670    | 450     | 0.02%   | 0.003%  |
| 41 | 4.643 | 1086 | 1105 | 1130 | rBV  | 308875 | 774317  | 39.42%  | 5.227%  |
| 42 | 5.068 | 1233 | 1237 | 1239 | rBV3 | 500    | 375     | 0.02%   | 0.003%  |
| 43 | 5.113 | 1249 | 1251 | 1256 | rBV3 | 702    | 423     | 0.02%   | 0.003%  |
| 44 | 5.174 | 1266 | 1270 | 1272 | rBV  | 803    | 654     | 0.03%   | 0.004%  |
| 45 | 5.219 | 1281 | 1284 | 1287 | rBV2 | 645    | 515     | 0.03%   | 0.003%  |
| 46 | 5.254 | 1292 | 1295 | 1296 | rBV  | 535    | 273     | 0.01%   | 0.002%  |
| 47 | 5.334 | 1297 | 1320 | 1352 | rBV2 | 659130 | 1964171 | 100.00% | 13.258% |
| 48 | 5.746 | 1445 | 1448 | 1450 | rBV3 | 811    | 401     | 0.02%   | 0.003%  |
| 49 | 5.807 | 1464 | 1467 | 1468 | rBV3 | 751    | 391     | 0.02%   | 0.003%  |
| 50 | 5.881 | 1477 | 1490 | 1517 | rBV  | 558317 | 1135860 | 57.83%  | 7.667%  |
| 51 | 6.264 | 1605 | 1609 | 1613 | rBV4 | 824    | 817     | 0.04%   | 0.006%  |
| 52 | 6.328 | 1613 | 1629 | 1650 | rBV  | 432037 | 883112  | 44.96%  | 5.961%  |
| 53 | 6.685 | 1737 | 1740 | 1745 | rVB4 | 1037   | 999     | 0.05%   | 0.007%  |
| 54 | 6.707 | 1745 | 1747 | 1751 | rVB2 | 1009   | 577     | 0.03%   | 0.004%  |
| 55 | 6.733 | 1751 | 1755 | 1757 | rBV2 | 445    | 335     | 0.02%   | 0.002%  |
| 56 | 6.752 | 1758 | 1761 | 1765 | rVV4 | 856    | 612     | 0.03%   | 0.004%  |
| 57 | 6.775 | 1766 | 1768 | 1773 | rVB2 | 532    | 348     | 0.02%   | 0.002%  |
| 58 | 6.797 | 1773 | 1775 | 1778 | rVB3 | 300    | 109     | 0.01%   | 0.001%  |
| 59 | 6.820 | 1778 | 1782 | 1784 | rBV2 | 624    | 384     | 0.02%   | 0.003%  |
| 60 | 6.849 | 1789 | 1791 | 1795 | rVB2 | 636    | 368     | 0.02%   | 0.002%  |
| 61 | 6.871 | 1795 | 1798 | 1801 | rBV  | 459    | 243     | 0.01%   | 0.002%  |
| 62 | 6.887 | 1801 | 1803 | 1804 | rBV  | 348    | 149     | 0.01%   | 0.001%  |
| 63 | 6.910 | 1806 | 1810 | 1811 | rBV3 | 507    | 289     | 0.01%   | 0.002%  |
| 64 | 6.936 | 1816 | 1818 | 1823 | rBV4 | 379    | 299     | 0.02%   | 0.002%  |
| 65 | 7.032 | 1847 | 1848 | 1849 | rBV4 | 371    | 105     | 0.01%   | 0.001%  |
| 66 | 7.077 | 1859 | 1862 | 1866 | rBV  | 650    | 621     | 0.03%   | 0.004%  |
| 67 | 7.113 | 1871 | 1873 | 1874 | rVB  | 608    | 129     | 0.01%   | 0.001%  |
| 68 | 7.135 | 1878 | 1880 | 1883 | rBV2 | 326    | 256     | 0.01%   | 0.002%  |
| 69 | 7.225 | 1897 | 1908 | 1931 | rBV  | 229575 | 424367  | 21.61%  | 2.864%  |
| 70 | 7.482 | 1985 | 1988 | 1990 | rBV2 | 759    | 450     | 0.02%   | 0.003%  |
| 71 | 7.563 | 1999 | 2013 | 2040 | rBV  | 838564 | 1493739 | 76.05%  | 10.083% |

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 Stop Thrs : 0

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 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\SOMULM040519WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 7.849  | 2091 | 2102 | 2125 | rBV  | 156446 | 290589  | 14.79% | 1.961% |
| 73  | 8.125  | 2183 | 2188 | 2190 | rBV3 | 1038   | 887     | 0.05%  | 0.006% |
| 74  | 8.161  | 2196 | 2199 | 2204 | rBV3 | 583    | 481     | 0.02%  | 0.003% |
| 75  | 8.231  | 2213 | 2221 | 2231 | rVB4 | 7630   | 12135   | 0.62%  | 0.082% |
| 76  | 8.309  | 2233 | 2245 | 2288 | rBV  | 578241 | 1147425 | 58.42% | 7.745% |
| 77  | 8.669  | 2355 | 2357 | 2360 | rBV3 | 1034   | 591     | 0.03%  | 0.004% |
| 78  | 8.839  | 2408 | 2410 | 2411 | rBV  | 779    | 180     | 0.01%  | 0.001% |
| 79  | 8.903  | 2428 | 2430 | 2433 | rBV  | 815    | 603     | 0.03%  | 0.004% |
| 80  | 9.042  | 2472 | 2473 | 2474 | rBV  | 339    | 105     | 0.01%  | 0.001% |
| 81  | 9.087  | 2474 | 2487 | 2515 | rBV  | 829535 | 1421510 | 72.37% | 9.595% |
| 82  | 9.331  | 2560 | 2563 | 2565 | rBV2 | 1198   | 873     | 0.04%  | 0.006% |
| 83  | 9.505  | 2615 | 2617 | 2619 | rBV  | 370    | 134     | 0.01%  | 0.001% |
| 84  | 9.521  | 2619 | 2622 | 2623 | rBV2 | 495    | 328     | 0.02%  | 0.002% |
| 85  | 9.575  | 2636 | 2639 | 2640 | rBV  | 440    | 231     | 0.01%  | 0.002% |
| 86  | 9.813  | 2711 | 2713 | 2717 | rVB2 | 1018   | 560     | 0.03%  | 0.004% |
| 87  | 9.833  | 2717 | 2719 | 2721 | rBV3 | 744    | 385     | 0.02%  | 0.003% |
| 88  | 9.903  | 2739 | 2741 | 2742 | rBV  | 560    | 269     | 0.01%  | 0.002% |
| 89  | 9.990  | 2765 | 2768 | 2774 | rBV4 | 798    | 730     | 0.04%  | 0.005% |
| 90  | 10.019 | 2775 | 2777 | 2778 | rBV  | 449    | 187     | 0.01%  | 0.001% |
| 91  | 10.141 | 2812 | 2815 | 2817 | rBV  | 1000   | 669     | 0.03%  | 0.005% |
| 92  | 10.328 | 2870 | 2873 | 2878 | rBV3 | 502    | 558     | 0.03%  | 0.004% |
| 93  | 10.428 | 2890 | 2904 | 2933 | rBV  | 581509 | 964046  | 49.08% | 6.507% |
| 94  | 10.736 | 2996 | 3000 | 3005 | rBV4 | 1284   | 1521    | 0.08%  | 0.010% |
| 95  | 10.910 | 3050 | 3054 | 3055 | rBV  | 1003   | 635     | 0.03%  | 0.004% |
| 96  | 10.987 | 3075 | 3078 | 3084 | rBV4 | 983    | 667     | 0.03%  | 0.005% |
| 97  | 11.292 | 3169 | 3173 | 3177 | rBV  | 866    | 791     | 0.04%  | 0.005% |
| 98  | 11.479 | 3220 | 3231 | 3258 | rBV  | 725877 | 1190781 | 60.63% | 8.038% |
| 99  | 11.855 | 3335 | 3348 | 3372 | rBV  | 737219 | 1235991 | 62.93% | 8.343% |
| 100 | 13.488 | 3855 | 3856 | 3857 | rBV  | 914    | 262     | 0.01%  | 0.002% |

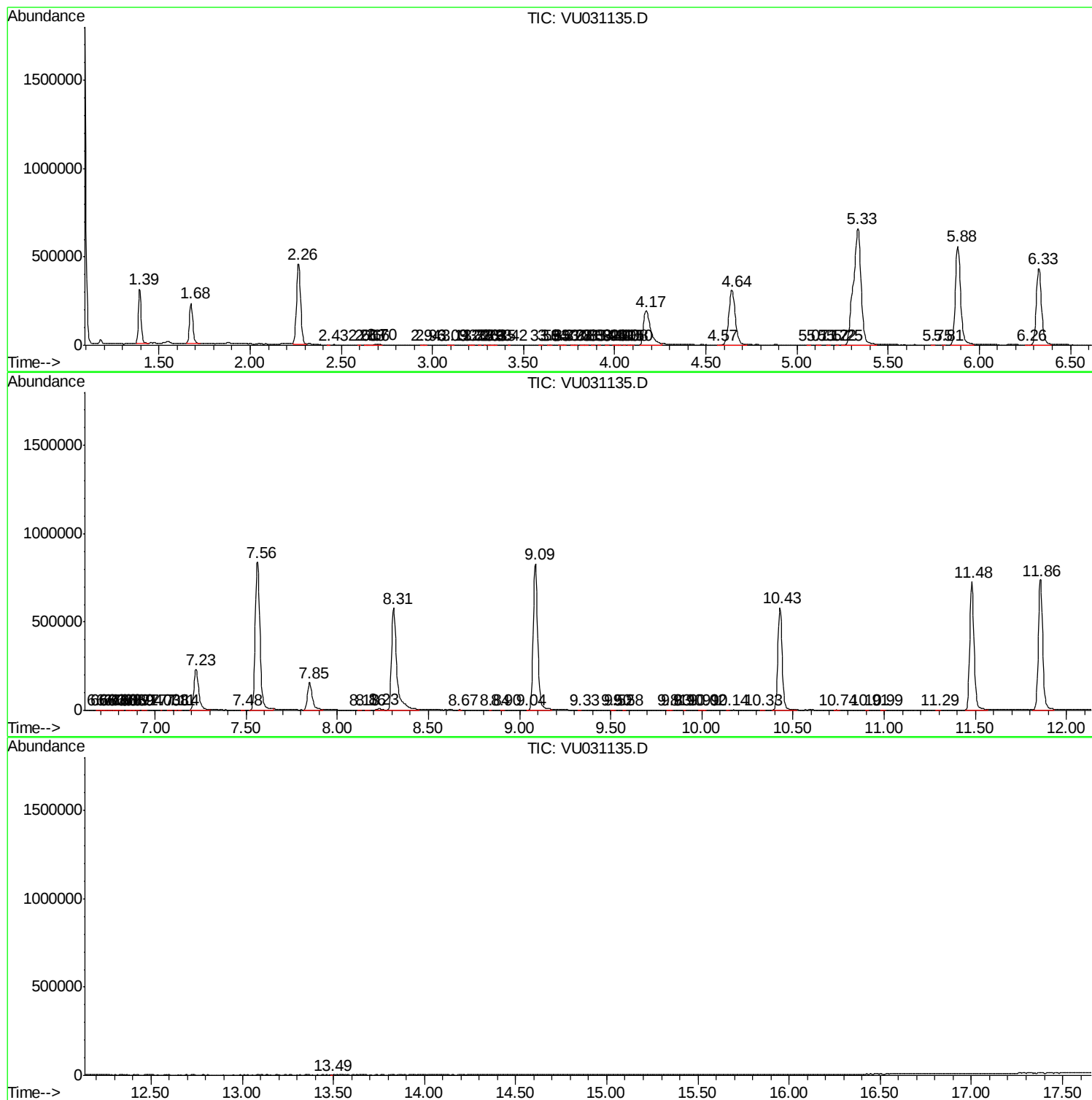
Sum of corrected areas: 14814948

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040519WMA.M  
Quant Title : VOC Analysis

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



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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        |