

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU110619\  
 Data File : VU035646.D  
 Acq On : 06 Nov 2019 14:48  
 Operator : JC/SP  
 Sample : K5716-05  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BE892

## 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<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         | 1.617       | 79            | 86          | 102          | rVB      | 242989         | 265159        | 12.66%          | 1.709%        |
| 2         | 1.932       | 176           | 184         | 199          | rBV      | 211575         | 281971        | 13.46%          | 1.817%        |
| 3         | 2.597       | 379           | 391         | 406          | rBV      | 386654         | 642551        | 30.68%          | 4.142%        |
| 4         | 2.668       | 407           | 413         | 428          | rVB2     | 15095          | 27081         | 1.29%           | 0.175%        |
| 5         | 2.809       | 446           | 457         | 472          | rBV2     | 14495          | 29561         | 1.41%           | 0.191%        |
| 6         | 3.083       | 535           | 542         | 548          | rBV4     | 3349           | 4545          | 0.22%           | 0.029%        |
| 7         | 3.234       | 574           | 589         | 603          | rBV      | 19821          | 45681         | 2.18%           | 0.294%        |
| 8         | 3.285       | 603           | 605         | 607          | rVV      | 711            | 306           | 0.01%           | 0.002%        |
| 9         | 3.411       | 641           | 644         | 647          | rVB2     | 746            | 458           | 0.02%           | 0.003%        |
| 10        | 3.449       | 653           | 656         | 662          | rVB3     | 547            | 502           | 0.02%           | 0.003%        |
| 11        | 3.613       | 702           | 707         | 711          | rBV3     | 484            | 360           | 0.02%           | 0.002%        |
| 12        | 3.636       | 711           | 714         | 718          | rBV2     | 480            | 359           | 0.02%           | 0.002%        |
| 13        | 3.658       | 718           | 721         | 726          | rVB2     | 486            | 440           | 0.02%           | 0.003%        |
| 14        | 3.690       | 726           | 731         | 734          | rBV3     | 592            | 530           | 0.03%           | 0.003%        |
| 15        | 3.771       | 751           | 756         | 760          | rBV2     | 345            | 319           | 0.02%           | 0.002%        |
| 16        | 3.877       | 785           | 789         | 794          | rVB2     | 346            | 340           | 0.02%           | 0.002%        |
| 17        | 3.922       | 799           | 803         | 813          | rVB3     | 547            | 579           | 0.03%           | 0.004%        |
| 18        | 3.970       | 813           | 818         | 824          | rBV2     | 570            | 606           | 0.03%           | 0.004%        |
| 19        | 4.292       | 915           | 918         | 921          | rVB2     | 385            | 261           | 0.01%           | 0.002%        |
| 20        | 4.481       | 974           | 977         | 979          | rBV      | 381            | 298           | 0.01%           | 0.002%        |
| 21        | 4.510       | 983           | 986         | 989          | rBV2     | 540            | 339           | 0.02%           | 0.002%        |
| 22        | 4.694       | 1026          | 1043        | 1063         | rBV      | 189272         | 473776        | 22.62%          | 3.054%        |
| 23        | 5.006       | 1137          | 1140        | 1143         | rBV3     | 479            | 344           | 0.02%           | 0.002%        |
| 24        | 5.115       | 1158          | 1174        | 1199         | rBV      | 377429         | 850055        | 40.58%          | 5.479%        |
| 25        | 5.333       | 1237          | 1242        | 1243         | rBV3     | 1522           | 1246          | 0.06%           | 0.008%        |
| 26        | 5.417       | 1266          | 1268        | 1269         | rBV2     | 640            | 310           | 0.01%           | 0.002%        |
| 27        | 5.565       | 1311          | 1314        | 1316         | rBV2     | 519            | 285           | 0.01%           | 0.002%        |
| 28        | 5.771       | 1356          | 1378        | 1410         | rBV2     | 783589         | 2094521       | 100.00%         | 13.501%       |
| 29        | 6.137       | 1488          | 1492        | 1495         | rBV3     | 927            | 654           | 0.03%           | 0.004%        |
| 30        | 6.153       | 1495          | 1497        | 1500         | rBV2     | 1065           | 815           | 0.04%           | 0.005%        |
| 31        | 6.292       | 1526          | 1540        | 1573         | rBV      | 714761         | 1403433       | 67.00%          | 9.046%        |
| 32        | 6.581       | 1620          | 1630        | 1641         | rBV8     | 12097          | 25287         | 1.21%           | 0.163%        |
| 33        | 6.735       | 1663          | 1678        | 1704         | rBV      | 481783         | 946259        | 45.18%          | 6.099%        |
| 34        | 7.047       | 1773          | 1775        | 1780         | rVB2     | 625            | 375           | 0.02%           | 0.002%        |

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

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 35 | 7.086  | 1784 | 1787 | 1790 | rBV2 | 604    | 372     | 0.02%  | 0.002%  |
| 36 | 7.105  | 1790 | 1793 | 1797 | rVB2 | 548    | 402     | 0.02%  | 0.003%  |
| 37 | 7.221  | 1821 | 1829 | 1830 | rBV4 | 2381   | 2463    | 0.12%  | 0.016%  |
| 38 | 7.272  | 1843 | 1845 | 1849 | rBV2 | 339    | 276     | 0.01%  | 0.002%  |
| 39 | 7.398  | 1881 | 1884 | 1891 | rVB3 | 538    | 642     | 0.03%  | 0.004%  |
| 40 | 7.433  | 1891 | 1895 | 1898 | rBV2 | 594    | 632     | 0.03%  | 0.004%  |
| 41 | 7.485  | 1909 | 1911 | 1915 | rBV3 | 391    | 360     | 0.02%  | 0.002%  |
| 42 | 7.604  | 1934 | 1948 | 1974 | rBV  | 249827 | 464841  | 22.19% | 2.996%  |
| 43 | 7.838  | 2014 | 2021 | 2034 | rVB4 | 6090   | 10354   | 0.49%  | 0.067%  |
| 44 | 7.935  | 2037 | 2051 | 2093 | rBV  | 933422 | 1688617 | 80.62% | 10.884% |
| 45 | 8.214  | 2125 | 2138 | 2162 | rBV  | 168966 | 320699  | 15.31% | 2.067%  |
| 46 | 8.411  | 2195 | 2199 | 2202 | rBV3 | 537    | 390     | 0.02%  | 0.003%  |
| 47 | 8.436  | 2205 | 2207 | 2212 | rVB2 | 625    | 294     | 0.01%  | 0.002%  |
| 48 | 8.504  | 2222 | 2228 | 2236 | rVB3 | 1166   | 1976    | 0.09%  | 0.013%  |
| 49 | 8.539  | 2236 | 2239 | 2243 | rBV2 | 496    | 430     | 0.02%  | 0.003%  |
| 50 | 8.584  | 2243 | 2253 | 2266 | rBV  | 37173  | 62021   | 2.96%  | 0.400%  |
| 51 | 8.681  | 2270 | 2283 | 2340 | rBV  | 279575 | 951622  | 45.43% | 6.134%  |
| 52 | 8.964  | 2369 | 2371 | 2374 | rBV2 | 432    | 357     | 0.02%  | 0.002%  |
| 53 | 9.041  | 2392 | 2395 | 2400 | rBV2 | 517    | 457     | 0.02%  | 0.003%  |
| 54 | 9.147  | 2424 | 2428 | 2430 | rBV  | 572    | 354     | 0.02%  | 0.002%  |
| 55 | 9.195  | 2440 | 2443 | 2445 | rVV3 | 378    | 275     | 0.01%  | 0.002%  |
| 56 | 9.449  | 2508 | 2522 | 2562 | rBV  | 914030 | 1716702 | 81.96% | 11.065% |
| 57 | 9.603  | 2568 | 2570 | 2576 | rVB4 | 677    | 533     | 0.03%  | 0.003%  |
| 58 | 9.726  | 2599 | 2608 | 2619 | rVB4 | 1362   | 2454    | 0.12%  | 0.016%  |
| 59 | 9.819  | 2632 | 2637 | 2638 | rBV2 | 417    | 279     | 0.01%  | 0.002%  |
| 60 | 9.912  | 2663 | 2666 | 2670 | rVB  | 480    | 394     | 0.02%  | 0.003%  |
| 61 | 9.938  | 2670 | 2674 | 2677 | rBV  | 397    | 358     | 0.02%  | 0.002%  |
| 62 | 10.009 | 2694 | 2696 | 2702 | rVB2 | 325    | 273     | 0.01%  | 0.002%  |
| 63 | 10.054 | 2705 | 2710 | 2714 | rBV  | 492    | 368     | 0.02%  | 0.002%  |
| 64 | 10.121 | 2728 | 2731 | 2733 | rBV2 | 452    | 353     | 0.02%  | 0.002%  |
| 65 | 10.410 | 2817 | 2821 | 2824 | rVV2 | 416    | 298     | 0.01%  | 0.002%  |
| 66 | 10.439 | 2828 | 2830 | 2835 | rVB2 | 406    | 285     | 0.01%  | 0.002%  |
| 67 | 10.468 | 2835 | 2839 | 2845 | rVB4 | 445    | 514     | 0.02%  | 0.003%  |
| 68 | 10.507 | 2845 | 2851 | 2861 | rVB4 | 773    | 1086    | 0.05%  | 0.007%  |
| 69 | 10.549 | 2861 | 2864 | 2867 | rBV  | 509    | 405     | 0.02%  | 0.003%  |
| 70 | 10.616 | 2881 | 2885 | 2893 | rVV6 | 1159   | 1667    | 0.08%  | 0.011%  |
| 71 | 10.787 | 2922 | 2938 | 2960 | rBV  | 618427 | 1087225 | 51.91% | 7.008%  |

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 Min Area: 0 % of largest Peak  
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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\_U\METHOD\SOMULM103119WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 10.925 | 2974 | 2981 | 2992 | rVB7 | 2045   | 3470    | 0.17%  | 0.022% |
| 73  | 10.980 | 2995 | 2998 | 3001 | rBV3 | 380    | 301     | 0.01%  | 0.002% |
| 74  | 11.127 | 3039 | 3044 | 3048 | rBV4 | 764    | 729     | 0.03%  | 0.005% |
| 75  | 11.369 | 3115 | 3119 | 3120 | rBV2 | 434    | 329     | 0.02%  | 0.002% |
| 76  | 11.439 | 3137 | 3141 | 3147 | rBV3 | 795    | 787     | 0.04%  | 0.005% |
| 77  | 11.500 | 3155 | 3160 | 3165 | rBV6 | 934    | 1070    | 0.05%  | 0.007% |
| 78  | 11.549 | 3171 | 3175 | 3177 | rBV2 | 751    | 576     | 0.03%  | 0.004% |
| 79  | 11.645 | 3202 | 3205 | 3209 | rBV2 | 403    | 373     | 0.02%  | 0.002% |
| 80  | 11.771 | 3241 | 3244 | 3246 | rBV  | 497    | 331     | 0.02%  | 0.002% |
| 81  | 11.844 | 3253 | 3267 | 3287 | rVB  | 574820 | 1014805 | 48.45% | 6.541% |
| 82  | 11.918 | 3287 | 3290 | 3292 | rBV2 | 585    | 328     | 0.02%  | 0.002% |
| 83  | 11.960 | 3301 | 3303 | 3306 | rBV  | 406    | 315     | 0.02%  | 0.002% |
| 84  | 12.092 | 3335 | 3344 | 3353 | rVB3 | 5312   | 8195    | 0.39%  | 0.053% |
| 85  | 12.224 | 3370 | 3385 | 3399 | rBV  | 608770 | 1055058 | 50.37% | 6.801% |
| 86  | 12.356 | 3423 | 3426 | 3428 | rBV2 | 479    | 300     | 0.01%  | 0.002% |
| 87  | 12.549 | 3483 | 3486 | 3488 | rBV2 | 481    | 268     | 0.01%  | 0.002% |
| 88  | 12.661 | 3516 | 3521 | 3525 | rBV2 | 919    | 863     | 0.04%  | 0.006% |
| 89  | 12.767 | 3550 | 3554 | 3557 | rBV3 | 709    | 514     | 0.02%  | 0.003% |
| 90  | 12.828 | 3570 | 3573 | 3575 | rVB2 | 524    | 292     | 0.01%  | 0.002% |
| 91  | 12.848 | 3577 | 3579 | 3583 | rVB3 | 794    | 556     | 0.03%  | 0.004% |
| 92  | 13.047 | 3638 | 3641 | 3643 | rBV2 | 542    | 388     | 0.02%  | 0.003% |
| 93  | 13.211 | 3688 | 3692 | 3694 | rBV  | 700    | 477     | 0.02%  | 0.003% |
| 94  | 13.365 | 3735 | 3740 | 3741 | rBV3 | 782    | 665     | 0.03%  | 0.004% |
| 95  | 13.401 | 3749 | 3751 | 3757 | rVB2 | 671    | 541     | 0.03%  | 0.003% |
| 96  | 13.648 | 3826 | 3828 | 3836 | rBV3 | 540    | 579     | 0.03%  | 0.004% |
| 97  | 13.806 | 3875 | 3877 | 3879 | rBV3 | 563    | 347     | 0.02%  | 0.002% |
| 98  | 13.886 | 3900 | 3902 | 3905 | rVB3 | 613    | 339     | 0.02%  | 0.002% |
| 99  | 13.999 | 3935 | 3937 | 3940 | rBV2 | 494    | 393     | 0.02%  | 0.003% |
| 100 | 14.825 | 4192 | 4194 | 4197 | rBV3 | 1023   | 415     | 0.02%  | 0.003% |

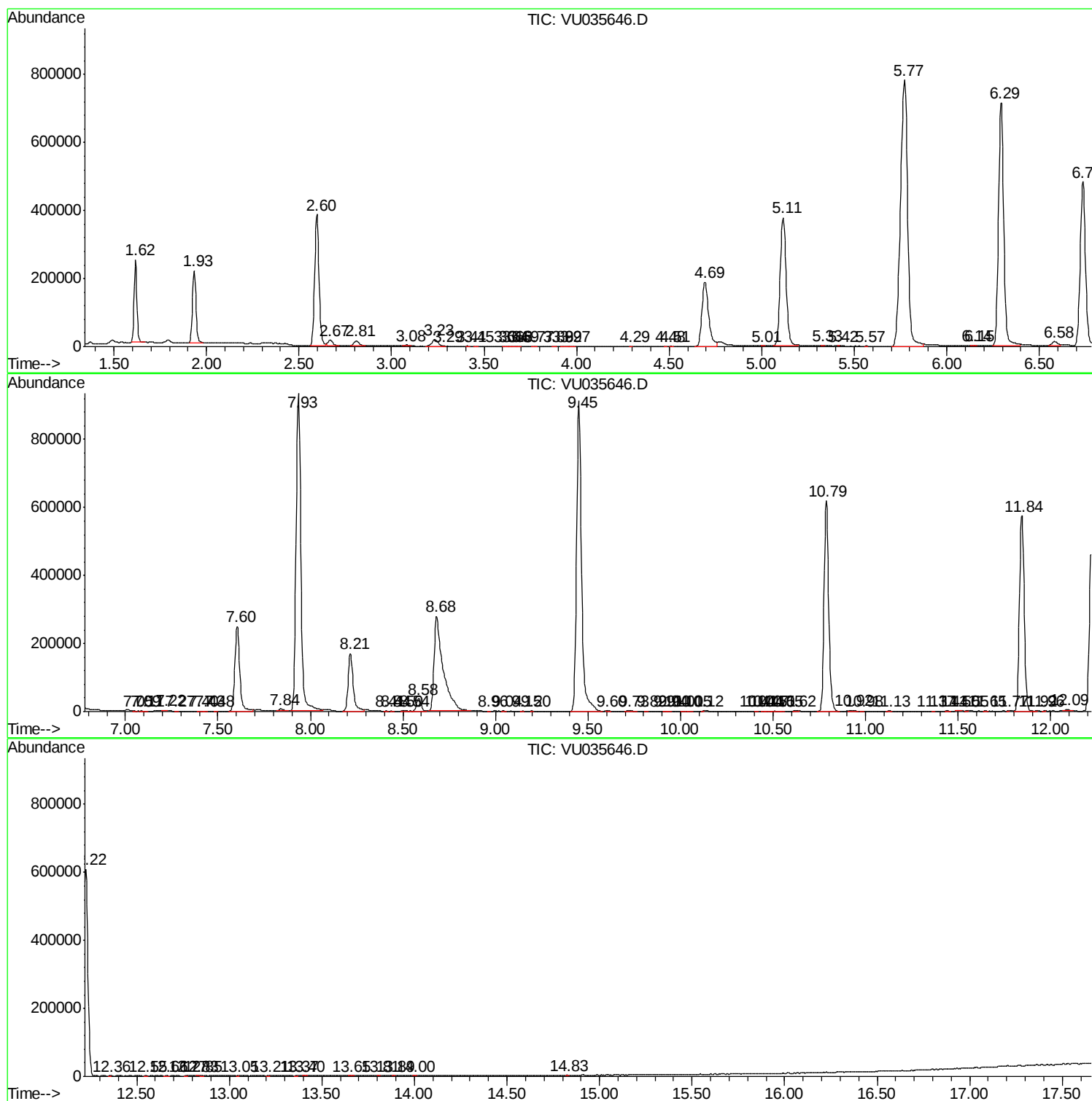
Sum of corrected areas: 15514238

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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



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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          |