

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110719\  
 Data File : VU035680.D  
 Acq On : 07 Nov 2019 23:12  
 Operator : JC/SP  
 Sample : K5697-04  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 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\_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      | 1.617    | 79         | 86       | 101       | rVB   | 366295      | 401023     | 16.41%       | 2.255%     |
| 2      | 1.932    | 176        | 184      | 204       | rVB   | 287054      | 383799     | 15.70%       | 2.158%     |
| 3      | 2.597    | 377        | 391      | 408       | rBV   | 501912      | 838749     | 34.32%       | 4.716%     |
| 4      | 3.086    | 534        | 543      | 553       | rVB6  | 2199        | 3757       | 0.15%        | 0.021%     |
| 5      | 3.234    | 574        | 589      | 607       | rVB2  | 11684       | 27482      | 1.12%        | 0.155%     |
| 6      | 3.334    | 613        | 620      | 621       | rBV3  | 284         | 328        | 0.01%        | 0.002%     |
| 7      | 3.395    | 634        | 639      | 642       | rBV2  | 410         | 362        | 0.01%        | 0.002%     |
| 8      | 3.411    | 642        | 644      | 649       | rVB3  | 517         | 346        | 0.01%        | 0.002%     |
| 9      | 3.491    | 666        | 669      | 673       | rBV4  | 312         | 248        | 0.01%        | 0.001%     |
| 10     | 3.514    | 673        | 676      | 679       | rVB   | 379         | 258        | 0.01%        | 0.001%     |
| 11     | 3.568    | 688        | 693      | 696       | rVB4  | 475         | 496        | 0.02%        | 0.003%     |
| 12     | 3.623    | 704        | 710      | 711       | rBV2  | 343         | 329        | 0.01%        | 0.002%     |
| 13     | 3.633    | 711        | 713      | 718       | rVB2  | 552         | 332        | 0.01%        | 0.002%     |
| 14     | 3.723    | 739        | 741      | 744       | rBV2  | 313         | 240        | 0.01%        | 0.001%     |
| 15     | 3.880    | 788        | 790      | 795       | rVB   | 498         | 334        | 0.01%        | 0.002%     |
| 16     | 3.906    | 795        | 798      | 799       | rBV3  | 459         | 288        | 0.01%        | 0.002%     |
| 17     | 4.031    | 835        | 837      | 840       | rVV   | 541         | 333        | 0.01%        | 0.002%     |
| 18     | 4.089    | 852        | 855      | 858       | rVV2  | 468         | 267        | 0.01%        | 0.002%     |
| 19     | 4.105    | 858        | 860      | 865       | rVV2  | 368         | 289        | 0.01%        | 0.002%     |
| 20     | 4.179    | 880        | 883      | 887       | rVV2  | 284         | 248        | 0.01%        | 0.001%     |
| 21     | 4.337    | 928        | 932      | 937       | rBV2  | 350         | 256        | 0.01%        | 0.001%     |
| 22     | 4.372    | 937        | 943      | 946       | rBV2  | 330         | 352        | 0.01%        | 0.002%     |
| 23     | 4.433    | 959        | 962      | 967       | rBV3  | 286         | 245        | 0.01%        | 0.001%     |
| 24     | 4.507    | 980        | 985      | 989       | rBV3  | 369         | 395        | 0.02%        | 0.002%     |
| 25     | 4.694    | 1025       | 1043     | 1068      | rBV   | 218119      | 555485     | 22.73%       | 3.123%     |
| 26     | 5.031    | 1145       | 1148     | 1153      | rVB2  | 533         | 499        | 0.02%        | 0.003%     |
| 27     | 5.115    | 1156       | 1174     | 1206      | rBV   | 424097      | 956859     | 39.15%       | 5.380%     |
| 28     | 5.327    | 1236       | 1240     | 1241      | rBV3  | 1093        | 759        | 0.03%        | 0.004%     |
| 29     | 5.584    | 1317       | 1320     | 1323      | rVB4  | 413         | 282        | 0.01%        | 0.002%     |
| 30     | 5.662    | 1343       | 1344     | 1350      | rVB   | 395         | 262        | 0.01%        | 0.001%     |
| 31     | 5.771    | 1356       | 1378     | 1417      | rBV2  | 918340      | 2444232    | 100.00%      | 13.743%    |
| 32     | 6.147    | 1493       | 1495     | 1499      | rBV3  | 690         | 609        | 0.02%        | 0.003%     |
| 33     | 6.295    | 1526       | 1541     | 1569      | rBV   | 787492      | 1530134    | 62.60%       | 8.603%     |
| 34     | 6.575    | 1619       | 1628     | 1636      | rVB9  | 4349        | 8214       | 0.34%        | 0.046%     |

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

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 35 | 6.620  | 1638 | 1642 | 1647 | rBV4 | 1087    | 1303    | 0.05%  | 0.007%  |
| 36 | 6.736  | 1663 | 1678 | 1707 | rBV  | 554690  | 1102520 | 45.11% | 6.199%  |
| 37 | 6.928  | 1736 | 1738 | 1740 | rBV3 | 775     | 428     | 0.02%  | 0.002%  |
| 38 | 7.141  | 1800 | 1804 | 1806 | rBV3 | 377     | 350     | 0.01%  | 0.002%  |
| 39 | 7.224  | 1822 | 1830 | 1838 | rBV6 | 2692    | 4611    | 0.19%  | 0.026%  |
| 40 | 7.334  | 1861 | 1864 | 1871 | rBV2 | 386     | 371     | 0.02%  | 0.002%  |
| 41 | 7.604  | 1934 | 1948 | 1977 | rBV  | 278561  | 523964  | 21.44% | 2.946%  |
| 42 | 7.935  | 2035 | 2051 | 2107 | rBV  | 1091595 | 2002012 | 81.91% | 11.257% |
| 43 | 8.215  | 2126 | 2138 | 2171 | rBV  | 191311  | 360634  | 14.75% | 2.028%  |
| 44 | 8.510  | 2227 | 2230 | 2233 | rBV3 | 359     | 251     | 0.01%  | 0.001%  |
| 45 | 8.588  | 2246 | 2254 | 2260 | rBV4 | 1346    | 1926    | 0.08%  | 0.011%  |
| 46 | 8.681  | 2269 | 2283 | 2333 | rBV  | 341073  | 1158364 | 47.39% | 6.513%  |
| 47 | 8.941  | 2361 | 2364 | 2370 | rVB3 | 456     | 354     | 0.01%  | 0.002%  |
| 48 | 8.999  | 2375 | 2382 | 2390 | rVB4 | 1131    | 1805    | 0.07%  | 0.010%  |
| 49 | 9.031  | 2390 | 2392 | 2396 | rVB2 | 577     | 382     | 0.02%  | 0.002%  |
| 50 | 9.067  | 2396 | 2403 | 2404 | rBV2 | 551     | 490     | 0.02%  | 0.003%  |
| 51 | 9.186  | 2436 | 2440 | 2442 | rBV3 | 825     | 613     | 0.03%  | 0.003%  |
| 52 | 9.449  | 2507 | 2522 | 2559 | rBV  | 1026592 | 1883373 | 77.05% | 10.589% |
| 53 | 9.604  | 2564 | 2570 | 2573 | rBV3 | 957     | 1027    | 0.04%  | 0.006%  |
| 54 | 9.838  | 2639 | 2643 | 2646 | rVB2 | 338     | 246     | 0.01%  | 0.001%  |
| 55 | 9.877  | 2649 | 2655 | 2658 | rBV2 | 249     | 301     | 0.01%  | 0.002%  |
| 56 | 10.034 | 2701 | 2704 | 2708 | rVB2 | 487     | 332     | 0.01%  | 0.002%  |
| 57 | 10.060 | 2708 | 2712 | 2718 | rBV2 | 288     | 315     | 0.01%  | 0.002%  |
| 58 | 10.105 | 2720 | 2726 | 2730 | rBV3 | 512     | 534     | 0.02%  | 0.003%  |
| 59 | 10.128 | 2730 | 2733 | 2738 | rBV5 | 617     | 704     | 0.03%  | 0.004%  |
| 60 | 10.227 | 2762 | 2764 | 2770 | rVB2 | 327     | 276     | 0.01%  | 0.002%  |
| 61 | 10.504 | 2847 | 2850 | 2852 | rBV  | 407     | 293     | 0.01%  | 0.002%  |
| 62 | 10.687 | 2902 | 2907 | 2910 | rBV3 | 441     | 467     | 0.02%  | 0.003%  |
| 63 | 10.787 | 2923 | 2938 | 2960 | rBV  | 712711  | 1225444 | 50.14% | 6.890%  |
| 64 | 11.005 | 3002 | 3006 | 3014 | rVB3 | 450     | 562     | 0.02%  | 0.003%  |
| 65 | 11.041 | 3014 | 3017 | 3018 | rBV  | 419     | 244     | 0.01%  | 0.001%  |
| 66 | 11.076 | 3025 | 3028 | 3031 | rVB  | 438     | 298     | 0.01%  | 0.002%  |
| 67 | 11.118 | 3037 | 3041 | 3045 | rVB2 | 478     | 383     | 0.02%  | 0.002%  |
| 68 | 11.179 | 3057 | 3060 | 3064 | rVV3 | 355     | 265     | 0.01%  | 0.001%  |
| 69 | 11.211 | 3067 | 3070 | 3075 | rVB3 | 504     | 403     | 0.02%  | 0.002%  |
| 70 | 11.234 | 3075 | 3077 | 3082 | rBV2 | 325     | 332     | 0.01%  | 0.002%  |
| 71 | 11.443 | 3136 | 3142 | 3148 | rVB5 | 855     | 943     | 0.04%  | 0.005%  |

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 Max Peaks: 100  
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM103119WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 11.497 | 3156 | 3159 | 3162 | rVB  | 481    | 284     | 0.01%  | 0.002% |
| 73  | 11.706 | 3221 | 3224 | 3229 | rVV  | 359    | 283     | 0.01%  | 0.002% |
| 74  | 11.771 | 3241 | 3244 | 3250 | rVB2 | 710    | 722     | 0.03%  | 0.004% |
| 75  | 11.845 | 3250 | 3267 | 3285 | rBV  | 635657 | 1127169 | 46.12% | 6.338% |
| 76  | 12.031 | 3320 | 3325 | 3329 | rBV3 | 505    | 586     | 0.02%  | 0.003% |
| 77  | 12.124 | 3351 | 3354 | 3356 | rBV2 | 450    | 254     | 0.01%  | 0.001% |
| 78  | 12.221 | 3370 | 3384 | 3400 | rBV  | 690739 | 1208395 | 49.44% | 6.794% |
| 79  | 12.317 | 3411 | 3414 | 3419 | rVB2 | 509    | 518     | 0.02%  | 0.003% |
| 80  | 12.398 | 3435 | 3439 | 3442 | rBV2 | 490    | 487     | 0.02%  | 0.003% |
| 81  | 12.491 | 3466 | 3468 | 3472 | rBV2 | 462    | 388     | 0.02%  | 0.002% |
| 82  | 12.597 | 3499 | 3501 | 3509 | rVB2 | 706    | 739     | 0.03%  | 0.004% |
| 83  | 12.639 | 3509 | 3514 | 3515 | rBV2 | 503    | 399     | 0.02%  | 0.002% |
| 84  | 12.774 | 3552 | 3556 | 3560 | rBV2 | 454    | 510     | 0.02%  | 0.003% |
| 85  | 12.822 | 3568 | 3571 | 3574 | rVB4 | 595    | 366     | 0.01%  | 0.002% |
| 86  | 12.922 | 3600 | 3602 | 3610 | rVB4 | 555    | 470     | 0.02%  | 0.003% |
| 87  | 13.002 | 3622 | 3627 | 3630 | rBV3 | 493    | 517     | 0.02%  | 0.003% |
| 88  | 13.073 | 3647 | 3649 | 3657 | rVB2 | 483    | 408     | 0.02%  | 0.002% |
| 89  | 13.134 | 3665 | 3668 | 3671 | rBV2 | 819    | 635     | 0.03%  | 0.004% |
| 90  | 13.250 | 3703 | 3704 | 3709 | rBV3 | 664    | 364     | 0.01%  | 0.002% |
| 91  | 13.324 | 3724 | 3727 | 3729 | rVV  | 484    | 309     | 0.01%  | 0.002% |
| 92  | 13.526 | 3786 | 3790 | 3794 | rBV3 | 408    | 486     | 0.02%  | 0.003% |
| 93  | 13.607 | 3813 | 3815 | 3819 | rVB3 | 723    | 398     | 0.02%  | 0.002% |
| 94  | 13.774 | 3863 | 3867 | 3873 | rVB3 | 919    | 1035    | 0.04%  | 0.006% |
| 95  | 13.812 | 3873 | 3879 | 3885 | rBV4 | 689    | 1054    | 0.04%  | 0.006% |
| 96  | 13.873 | 3890 | 3898 | 3900 | rVV4 | 758    | 922     | 0.04%  | 0.005% |
| 97  | 14.037 | 3947 | 3949 | 3951 | rBV  | 429    | 261     | 0.01%  | 0.001% |
| 98  | 14.102 | 3965 | 3969 | 3972 | rBV2 | 897    | 915     | 0.04%  | 0.005% |
| 99  | 14.279 | 4022 | 4024 | 4031 | rBV3 | 677    | 938     | 0.04%  | 0.005% |
| 100 | 14.504 | 4092 | 4094 | 4097 | rBV2 | 864    | 323     | 0.01%  | 0.002% |

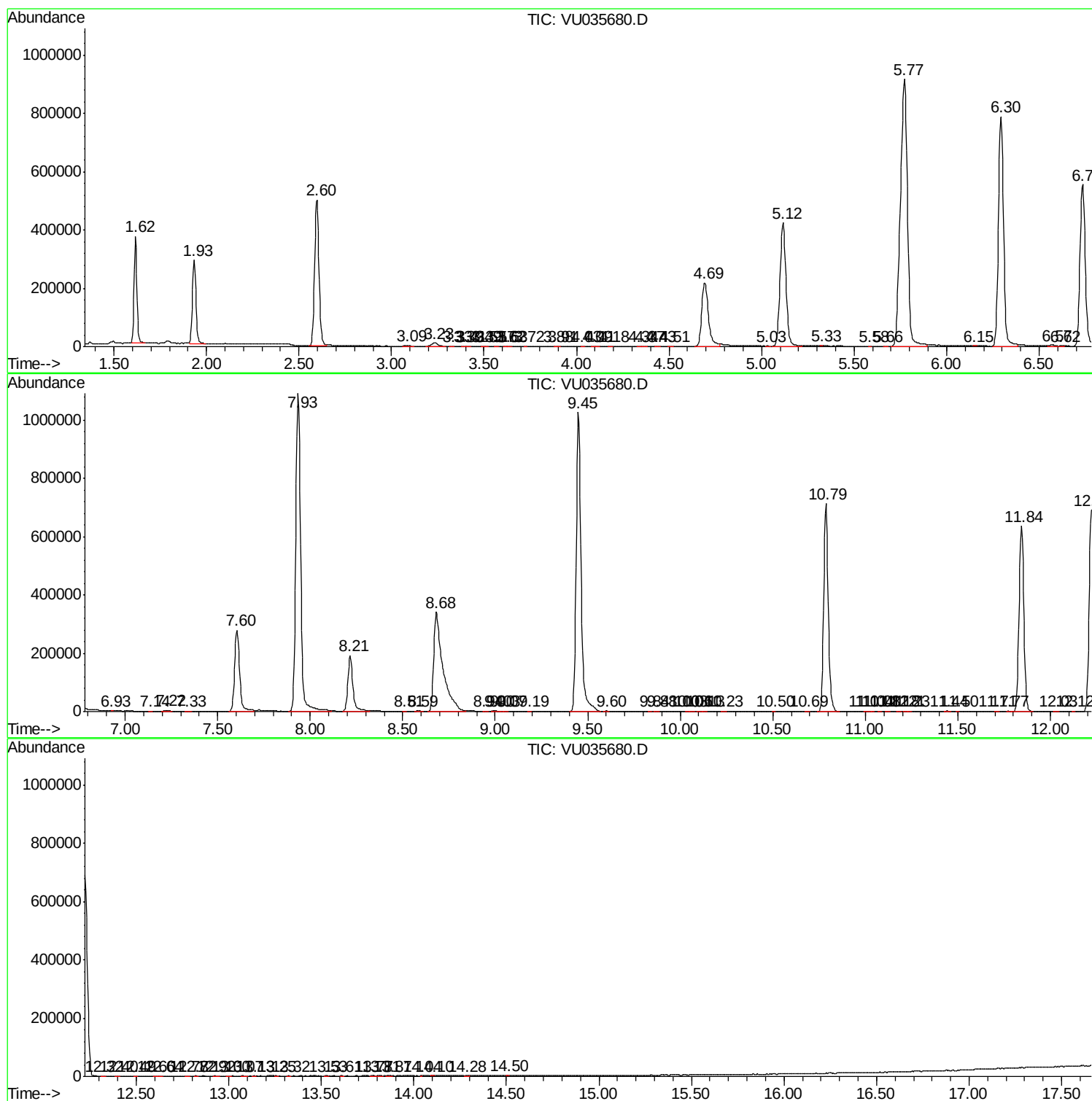
Sum of corrected areas: 17785346

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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  
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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        |