

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110719\  
 Data File : VU035664.D  
 Acq On : 07 Nov 2019 17:03  
 Operator : JC/SP  
 Sample : K5697-13  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H0AB3

## 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    | 78         | 86       | 101       | rBV   | 390580      | 435296     | 16.72%       | 2.302%     |
| 2      | 1.935    | 176        | 185      | 200       | rVB   | 302226      | 403934     | 15.52%       | 2.136%     |
| 3      | 2.597    | 377        | 391      | 410       | rBV   | 545871      | 911967     | 35.04%       | 4.823%     |
| 4      | 2.916    | 484        | 490      | 494       | rBV6  | 789         | 1020       | 0.04%        | 0.005%     |
| 5      | 3.009    | 518        | 519      | 522       | rVB2  | 673         | 347        | 0.01%        | 0.002%     |
| 6      | 3.035    | 522        | 527      | 529       | rBV3  | 461         | 353        | 0.01%        | 0.002%     |
| 7      | 3.080    | 536        | 541      | 543       | rBV4  | 2174        | 1888       | 0.07%        | 0.010%     |
| 8      | 3.240    | 572        | 591      | 606       | rBV3  | 26283       | 61538      | 2.36%        | 0.325%     |
| 9      | 3.401    | 636        | 641      | 647       | rVB6  | 1032        | 947        | 0.04%        | 0.005%     |
| 10     | 3.494    | 664        | 670      | 674       | rBV3  | 518         | 682        | 0.03%        | 0.004%     |
| 11     | 3.520    | 675        | 678      | 682       | rVV2  | 512         | 337        | 0.01%        | 0.002%     |
| 12     | 3.742    | 744        | 747      | 750       | rBV3  | 515         | 314        | 0.01%        | 0.002%     |
| 13     | 3.774    | 752        | 757      | 760       | rVB2  | 372         | 384        | 0.01%        | 0.002%     |
| 14     | 3.871    | 784        | 787      | 793       | rVB2  | 552         | 489        | 0.02%        | 0.003%     |
| 15     | 3.903    | 793        | 797      | 804       | rVB3  | 393         | 443        | 0.02%        | 0.002%     |
| 16     | 4.118    | 861        | 864      | 867       | rVB2  | 536         | 311        | 0.01%        | 0.002%     |
| 17     | 4.137    | 867        | 870      | 876       | rBV2  | 367         | 339        | 0.01%        | 0.002%     |
| 18     | 4.327    | 926        | 929      | 936       | rBV3  | 480         | 602        | 0.02%        | 0.003%     |
| 19     | 4.404    | 947        | 953      | 957       | rBV2  | 554         | 582        | 0.02%        | 0.003%     |
| 20     | 4.504    | 981        | 984      | 988       | rVB2  | 488         | 294        | 0.01%        | 0.002%     |
| 21     | 4.626    | 1019       | 1022     | 1027      | rBV3  | 338         | 334        | 0.01%        | 0.002%     |
| 22     | 4.694    | 1027       | 1043     | 1068      | rBV   | 223866      | 558411     | 21.45%       | 2.953%     |
| 23     | 5.115    | 1157       | 1174     | 1203      | rBV   | 434530      | 992577     | 38.13%       | 5.249%     |
| 24     | 5.333    | 1234       | 1242     | 1243      | rBV5  | 1358        | 1516       | 0.06%        | 0.008%     |
| 25     | 5.398    | 1257       | 1262     | 1263      | rBV2  | 570         | 476        | 0.02%        | 0.003%     |
| 26     | 5.562    | 1309       | 1313     | 1319      | rBV4  | 743         | 1047       | 0.04%        | 0.006%     |
| 27     | 5.616    | 1326       | 1330     | 1332      | rBV2  | 408         | 337        | 0.01%        | 0.002%     |
| 28     | 5.771    | 1355       | 1378     | 1423      | rBV2  | 972959      | 2602823    | 100.00%      | 13.766%    |
| 29     | 6.295    | 1525       | 1541     | 1575      | rBV   | 823310      | 1604265    | 61.64%       | 8.485%     |
| 30     | 6.575    | 1620       | 1628     | 1638      | rVB8  | 4232        | 8273       | 0.32%        | 0.044%     |
| 31     | 6.668    | 1655       | 1657     | 1662      | rVB3  | 749         | 418        | 0.02%        | 0.002%     |
| 32     | 6.735    | 1662       | 1678     | 1704      | rBV   | 582250      | 1161063    | 44.61%       | 6.141%     |
| 33     | 7.031    | 1767       | 1770     | 1776      | rBV5  | 646         | 609        | 0.02%        | 0.003%     |
| 34     | 7.112    | 1792       | 1795     | 1798      | rVB3  | 451         | 296        | 0.01%        | 0.002%     |

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

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 35 | 7.153  | 1805 | 1808 | 1812 | rBV3 | 379     | 335     | 0.01%  | 0.002%  |
| 36 | 7.218  | 1812 | 1828 | 1843 | rBV  | 34703   | 72351   | 2.78%  | 0.383%  |
| 37 | 7.401  | 1881 | 1885 | 1887 | rBV3 | 416     | 309     | 0.01%  | 0.002%  |
| 38 | 7.475  | 1906 | 1908 | 1913 | rBV3 | 336     | 321     | 0.01%  | 0.002%  |
| 39 | 7.604  | 1934 | 1948 | 1976 | rBV  | 303665  | 573547  | 22.04% | 3.033%  |
| 40 | 7.832  | 2016 | 2019 | 2020 | rBV2 | 775     | 490     | 0.02%  | 0.003%  |
| 41 | 7.935  | 2035 | 2051 | 2072 | rBV  | 1184573 | 2120814 | 81.48% | 11.216% |
| 42 | 8.214  | 2126 | 2138 | 2163 | rBV  | 206140  | 391295  | 15.03% | 2.069%  |
| 43 | 8.468  | 2214 | 2217 | 2220 | rBV3 | 511     | 357     | 0.01%  | 0.002%  |
| 44 | 8.510  | 2221 | 2230 | 2233 | rBV7 | 2684    | 4425    | 0.17%  | 0.023%  |
| 45 | 8.587  | 2247 | 2254 | 2261 | rVB6 | 2659    | 3414    | 0.13%  | 0.018%  |
| 46 | 8.681  | 2269 | 2283 | 2333 | rBV2 | 341367  | 1207854 | 46.41% | 6.388%  |
| 47 | 9.041  | 2390 | 2395 | 2397 | rBV  | 436     | 459     | 0.02%  | 0.002%  |
| 48 | 9.105  | 2412 | 2415 | 2421 | rVB4 | 578     | 436     | 0.02%  | 0.002%  |
| 49 | 9.449  | 2508 | 2522 | 2561 | rVV  | 1051453 | 1947492 | 74.82% | 10.300% |
| 50 | 9.597  | 2561 | 2568 | 2576 | rVV6 | 1389    | 1874    | 0.07%  | 0.010%  |
| 51 | 9.642  | 2579 | 2582 | 2586 | rVB  | 558     | 396     | 0.02%  | 0.002%  |
| 52 | 9.674  | 2589 | 2592 | 2594 | rBV  | 467     | 301     | 0.01%  | 0.002%  |
| 53 | 9.732  | 2601 | 2610 | 2616 | rVV3 | 1423    | 2237    | 0.09%  | 0.012%  |
| 54 | 9.796  | 2628 | 2630 | 2636 | rVB2 | 336     | 316     | 0.01%  | 0.002%  |
| 55 | 9.832  | 2636 | 2641 | 2646 | rBV3 | 611     | 679     | 0.03%  | 0.004%  |
| 56 | 9.890  | 2654 | 2659 | 2661 | rBV  | 501     | 392     | 0.02%  | 0.002%  |
| 57 | 9.947  | 2672 | 2677 | 2681 | rVV2 | 420     | 384     | 0.01%  | 0.002%  |
| 58 | 10.002 | 2691 | 2694 | 2699 | rVB2 | 365     | 311     | 0.01%  | 0.002%  |
| 59 | 10.057 | 2709 | 2711 | 2715 | rBV2 | 467     | 435     | 0.02%  | 0.002%  |
| 60 | 10.134 | 2728 | 2735 | 2736 | rBV3 | 1964    | 1758    | 0.07%  | 0.009%  |
| 61 | 10.211 | 2755 | 2759 | 2769 | rVB2 | 725     | 1081    | 0.04%  | 0.006%  |
| 62 | 10.285 | 2780 | 2782 | 2788 | rVB2 | 753     | 507     | 0.02%  | 0.003%  |
| 63 | 10.340 | 2792 | 2799 | 2801 | rBV2 | 585     | 560     | 0.02%  | 0.003%  |
| 64 | 10.414 | 2817 | 2822 | 2823 | rBV  | 346     | 358     | 0.01%  | 0.002%  |
| 65 | 10.520 | 2846 | 2855 | 2860 | rBV3 | 1598    | 2322    | 0.09%  | 0.012%  |
| 66 | 10.661 | 2896 | 2899 | 2903 | rVB3 | 562     | 451     | 0.02%  | 0.002%  |
| 67 | 10.787 | 2924 | 2938 | 2958 | rVV  | 723381  | 1272457 | 48.89% | 6.730%  |
| 68 | 10.925 | 2972 | 2981 | 2986 | rBV7 | 1854    | 2836    | 0.11%  | 0.015%  |
| 69 | 11.089 | 3029 | 3032 | 3034 | rVV  | 540     | 327     | 0.01%  | 0.002%  |
| 70 | 11.115 | 3034 | 3040 | 3049 | rVV5 | 1422    | 2124    | 0.08%  | 0.011%  |
| 71 | 11.179 | 3057 | 3060 | 3063 | rVB  | 544     | 317     | 0.01%  | 0.002%  |

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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\SOMULM103119WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 11.221 | 3066 | 3073 | 3075 | rBV3 | 590    | 568     | 0.02%  | 0.003% |
| 73  | 11.250 | 3079 | 3082 | 3086 | rVB3 | 469    | 326     | 0.01%  | 0.002% |
| 74  | 11.362 | 3113 | 3117 | 3124 | rVB3 | 313    | 411     | 0.02%  | 0.002% |
| 75  | 11.439 | 3136 | 3141 | 3144 | rBV3 | 910    | 778     | 0.03%  | 0.004% |
| 76  | 11.497 | 3153 | 3159 | 3172 | rVB4 | 2240   | 3520    | 0.14%  | 0.019% |
| 77  | 11.719 | 3223 | 3228 | 3234 | rBV3 | 255    | 372     | 0.01%  | 0.002% |
| 78  | 11.754 | 3234 | 3239 | 3240 | rBV2 | 945    | 740     | 0.03%  | 0.004% |
| 79  | 11.777 | 3240 | 3246 | 3253 | rVV5 | 2553   | 3691    | 0.14%  | 0.020% |
| 80  | 11.844 | 3253 | 3267 | 3284 | rVV  | 661245 | 1194641 | 45.90% | 6.318% |
| 81  | 12.028 | 3318 | 3324 | 3328 | rVB3 | 615    | 707     | 0.03%  | 0.004% |
| 82  | 12.047 | 3328 | 3330 | 3334 | rVB3 | 431    | 316     | 0.01%  | 0.002% |
| 83  | 12.086 | 3334 | 3342 | 3345 | rBV2 | 1643   | 1974    | 0.08%  | 0.010% |
| 84  | 12.147 | 3358 | 3361 | 3366 | rVB2 | 539    | 401     | 0.02%  | 0.002% |
| 85  | 12.176 | 3366 | 3370 | 3371 | rBV2 | 597    | 368     | 0.01%  | 0.002% |
| 86  | 12.224 | 3371 | 3385 | 3406 | rVV  | 757157 | 1310921 | 50.37% | 6.933% |
| 87  | 12.420 | 3441 | 3446 | 3449 | rBV2 | 611    | 617     | 0.02%  | 0.003% |
| 88  | 12.513 | 3471 | 3475 | 3478 | rBV3 | 538    | 400     | 0.02%  | 0.002% |
| 89  | 12.725 | 3538 | 3541 | 3543 | rBV2 | 527    | 374     | 0.01%  | 0.002% |
| 90  | 12.751 | 3546 | 3549 | 3554 | rBV  | 619    | 411     | 0.02%  | 0.002% |
| 91  | 13.028 | 3633 | 3635 | 3640 | rVB  | 818    | 500     | 0.02%  | 0.003% |
| 92  | 13.053 | 3640 | 3643 | 3645 | rBV  | 484    | 330     | 0.01%  | 0.002% |
| 93  | 13.243 | 3695 | 3702 | 3709 | rVB4 | 3242   | 4059    | 0.16%  | 0.021% |
| 94  | 13.352 | 3733 | 3736 | 3740 | rBV2 | 582    | 450     | 0.02%  | 0.002% |
| 95  | 13.716 | 3846 | 3849 | 3851 | rBV2 | 652    | 410     | 0.02%  | 0.002% |
| 96  | 13.783 | 3868 | 3870 | 3874 | rVB2 | 415    | 293     | 0.01%  | 0.002% |
| 97  | 13.860 | 3888 | 3894 | 3904 | rVB6 | 2665   | 3937    | 0.15%  | 0.021% |
| 98  | 13.931 | 3910 | 3916 | 3918 | rBV2 | 951    | 830     | 0.03%  | 0.004% |
| 99  | 14.008 | 3938 | 3940 | 3944 | rVB3 | 687    | 384     | 0.01%  | 0.002% |
| 100 | 14.111 | 3965 | 3972 | 3981 | rBV3 | 3206   | 4545    | 0.17%  | 0.024% |

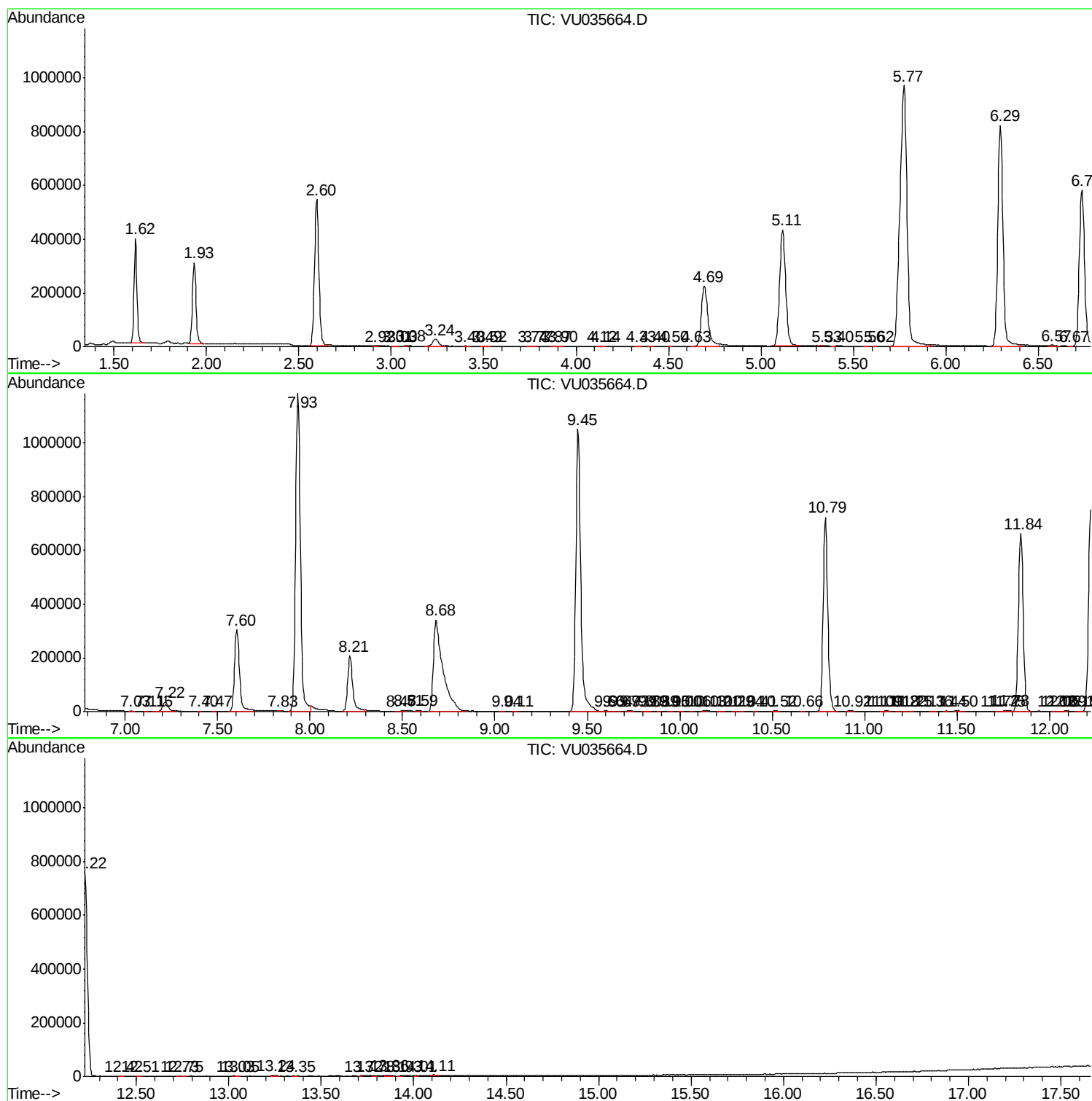
Sum of corrected areas: 18908108

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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        |