

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052119\  
 Data File : VU032210.D  
 Acq On : 21 May 2019 19:41  
 Operator : JC/SP  
 Sample : K2862-03  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 29 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\SOMULM052119WMA.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      | 1.180    | 24         | 28       | 38        | rBV2  | 11321       | 10980      | 0.40%        | 0.052%     |
| 2      | 1.395    | 88         | 95       | 110       | rBV   | 377413      | 395487     | 14.52%       | 1.871%     |
| 3      | 1.672    | 172        | 181      | 196       | rVB   | 290335      | 377441     | 13.85%       | 1.786%     |
| 4      | 1.878    | 240        | 245      | 252       | rBV6  | 8082        | 10697      | 0.39%        | 0.051%     |
| 5      | 2.180    | 335        | 339      | 346       | rBV5  | 5020        | 7052       | 0.26%        | 0.033%     |
| 6      | 2.267    | 355        | 366      | 380       | rVB   | 658370      | 993040     | 36.45%       | 4.698%     |
| 7      | 2.395    | 404        | 406      | 412       | rVB5  | 1015        | 896        | 0.03%        | 0.004%     |
| 8      | 2.437    | 413        | 419      | 420       | rBV3  | 775         | 663        | 0.02%        | 0.003%     |
| 9      | 2.518    | 442        | 444      | 450       | rVB3  | 1217        | 1071       | 0.04%        | 0.005%     |
| 10     | 2.553    | 450        | 455      | 460       | rBV3  | 762         | 912        | 0.03%        | 0.004%     |
| 11     | 2.701    | 493        | 501      | 507       | rBV5  | 2114        | 3265       | 0.12%        | 0.015%     |
| 12     | 2.772    | 520        | 523      | 529       | rVB3  | 794         | 723        | 0.03%        | 0.003%     |
| 13     | 2.820    | 536        | 538      | 541       | rBV3  | 655         | 467        | 0.02%        | 0.002%     |
| 14     | 2.842    | 541        | 545      | 549       | rVV3  | 530         | 537        | 0.02%        | 0.003%     |
| 15     | 2.919    | 565        | 569      | 574       | rBV5  | 752         | 651        | 0.02%        | 0.003%     |
| 16     | 2.984    | 585        | 589      | 591       | rBV2  | 642         | 440        | 0.02%        | 0.002%     |
| 17     | 3.032    | 601        | 604      | 610       | rBV3  | 642         | 746        | 0.03%        | 0.004%     |
| 18     | 3.157    | 639        | 643      | 645       | rBV   | 781         | 602        | 0.02%        | 0.003%     |
| 19     | 3.186    | 648        | 652      | 656       | rBV2  | 897         | 859        | 0.03%        | 0.004%     |
| 20     | 3.466    | 735        | 739      | 745       | rVB3  | 652         | 556        | 0.02%        | 0.003%     |
| 21     | 3.556    | 763        | 767      | 774       | rVB3  | 796         | 728        | 0.03%        | 0.003%     |
| 22     | 3.624    | 783        | 788      | 793       | rVB2  | 853         | 818        | 0.03%        | 0.004%     |
| 23     | 3.929    | 879        | 883      | 886       | rBV2  | 796         | 541        | 0.02%        | 0.003%     |
| 24     | 4.035    | 913        | 916      | 921       | rVB3  | 590         | 510        | 0.02%        | 0.002%     |
| 25     | 4.109    | 935        | 939      | 944       | rVB2  | 540         | 453        | 0.02%        | 0.002%     |
| 26     | 4.170    | 946        | 958      | 983       | rBV   | 209360      | 549707     | 20.18%       | 2.601%     |
| 27     | 4.527    | 1067       | 1069     | 1076      | rBV3  | 623         | 733        | 0.03%        | 0.003%     |
| 28     | 4.643    | 1086       | 1105     | 1132      | rBV   | 455799      | 1087827    | 39.93%       | 5.147%     |
| 29     | 4.868    | 1170       | 1175     | 1176      | rBV4  | 1079        | 726        | 0.03%        | 0.003%     |
| 30     | 4.890    | 1180       | 1182     | 1191      | rVB8  | 1674        | 1728       | 0.06%        | 0.008%     |
| 31     | 4.929    | 1191       | 1194     | 1198      | rVB3  | 1321        | 1084       | 0.04%        | 0.005%     |
| 32     | 4.964    | 1198       | 1205     | 1207      | rBV5  | 1203        | 1296       | 0.05%        | 0.006%     |
| 33     | 4.990    | 1209       | 1213     | 1214      | rBV   | 868         | 562        | 0.02%        | 0.003%     |
| 34     | 5.231    | 1285       | 1288     | 1292      | rVB3  | 767         | 533        | 0.02%        | 0.003%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM052119WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |         |         |         |         |
|----|-------|------|------|------|------|---------|---------|---------|---------|
| 35 | 5.334 | 1292 | 1320 | 1352 | rBV2 | 920443  | 2724641 | 100.00% | 12.891% |
| 36 | 5.566 | 1390 | 1392 | 1398 | rVB4 | 1690    | 1042    | 0.04%   | 0.005%  |
| 37 | 5.604 | 1401 | 1404 | 1408 | rBV2 | 733     | 691     | 0.03%   | 0.003%  |
| 38 | 5.881 | 1477 | 1490 | 1526 | rBV  | 845953  | 1729699 | 63.48%  | 8.184%  |
| 39 | 6.115 | 1561 | 1563 | 1569 | rVB5 | 1222    | 924     | 0.03%   | 0.004%  |
| 40 | 6.177 | 1571 | 1582 | 1596 | rVV5 | 12033   | 27041   | 0.99%   | 0.128%  |
| 41 | 6.324 | 1614 | 1628 | 1653 | rVV  | 570162  | 1150294 | 42.22%  | 5.442%  |
| 42 | 6.559 | 1698 | 1701 | 1707 | rVB2 | 928     | 905     | 0.03%   | 0.004%  |
| 43 | 6.588 | 1707 | 1710 | 1712 | rBV3 | 678     | 458     | 0.02%   | 0.002%  |
| 44 | 6.627 | 1719 | 1722 | 1725 | rBV2 | 938     | 601     | 0.02%   | 0.003%  |
| 45 | 6.643 | 1725 | 1727 | 1731 | rVB4 | 859     | 559     | 0.02%   | 0.003%  |
| 46 | 6.874 | 1792 | 1799 | 1800 | rBV3 | 1516    | 1099    | 0.04%   | 0.005%  |
| 47 | 6.881 | 1800 | 1801 | 1805 | rVV2 | 1966    | 1015    | 0.04%   | 0.005%  |
| 48 | 6.910 | 1806 | 1810 | 1814 | rVV3 | 1208    | 1084    | 0.04%   | 0.005%  |
| 49 | 7.013 | 1839 | 1842 | 1843 | rBV3 | 914     | 485     | 0.02%   | 0.002%  |
| 50 | 7.067 | 1855 | 1859 | 1863 | rVV4 | 478     | 457     | 0.02%   | 0.002%  |
| 51 | 7.225 | 1895 | 1908 | 1930 | rBV2 | 297037  | 548459  | 20.13%  | 2.595%  |
| 52 | 7.414 | 1961 | 1967 | 1968 | rBV4 | 978     | 1056    | 0.04%   | 0.005%  |
| 53 | 7.562 | 1999 | 2013 | 2046 | rBV  | 1243768 | 2261005 | 82.98%  | 10.698% |
| 54 | 7.845 | 2090 | 2101 | 2127 | rBV  | 201851  | 358433  | 13.16%  | 1.696%  |
| 55 | 8.032 | 2156 | 2159 | 2162 | rBV4 | 960     | 549     | 0.02%   | 0.003%  |
| 56 | 8.080 | 2170 | 2174 | 2176 | rBV3 | 826     | 635     | 0.02%   | 0.003%  |
| 57 | 8.125 | 2185 | 2188 | 2191 | rVB2 | 1069    | 649     | 0.02%   | 0.003%  |
| 58 | 8.209 | 2211 | 2214 | 2217 | rVV3 | 876     | 586     | 0.02%   | 0.003%  |
| 59 | 8.231 | 2218 | 2221 | 2227 | rVB5 | 852     | 1020    | 0.04%   | 0.005%  |
| 60 | 8.308 | 2234 | 2245 | 2281 | rBV  | 699901  | 1355579 | 49.75%  | 6.414%  |
| 61 | 8.591 | 2329 | 2333 | 2341 | rVB8 | 1299    | 1581    | 0.06%   | 0.007%  |
| 62 | 8.713 | 2367 | 2371 | 2372 | rBV2 | 1047    | 704     | 0.03%   | 0.003%  |
| 63 | 8.893 | 2424 | 2427 | 2430 | rBV4 | 670     | 488     | 0.02%   | 0.002%  |
| 64 | 9.086 | 2474 | 2487 | 2515 | rBV  | 1266915 | 2185096 | 80.20%  | 10.338% |
| 65 | 9.340 | 2559 | 2566 | 2570 | rVB4 | 868     | 1051    | 0.04%   | 0.005%  |
| 66 | 9.376 | 2570 | 2577 | 2580 | rBV5 | 992     | 1133    | 0.04%   | 0.005%  |
| 67 | 9.418 | 2588 | 2590 | 2594 | rVB3 | 1172    | 765     | 0.03%   | 0.004%  |
| 68 | 9.440 | 2594 | 2597 | 2600 | rBV2 | 1094    | 794     | 0.03%   | 0.004%  |
| 69 | 9.665 | 2664 | 2667 | 2670 | rBV3 | 673     | 497     | 0.02%   | 0.002%  |
| 70 | 9.765 | 2692 | 2698 | 2701 | rBV2 | 987     | 816     | 0.03%   | 0.004%  |
| 71 | 9.787 | 2701 | 2705 | 2709 | rVB4 | 1107    | 1024    | 0.04%   | 0.005%  |

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## Integration Parameters: LSCINT.P

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 Smoothing : OFF  
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 Start Thrs: 0.2  
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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\SOMULM052119WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 9.813  | 2709 | 2713 | 2714 | rBV2 | 640     | 485     | 0.02%  | 0.002% |
| 73  | 10.006 | 2771 | 2773 | 2776 | rVV  | 632     | 515     | 0.02%  | 0.002% |
| 74  | 10.038 | 2779 | 2783 | 2789 | rVB3 | 787     | 654     | 0.02%  | 0.003% |
| 75  | 10.070 | 2789 | 2793 | 2796 | rBV2 | 661     | 560     | 0.02%  | 0.003% |
| 76  | 10.427 | 2891 | 2904 | 2928 | rVV  | 883284  | 1439391 | 52.83% | 6.810% |
| 77  | 10.688 | 2980 | 2985 | 2988 | rBV3 | 633     | 710     | 0.03%  | 0.003% |
| 78  | 10.710 | 2988 | 2992 | 2997 | rVV6 | 677     | 842     | 0.03%  | 0.004% |
| 79  | 11.019 | 3084 | 3088 | 3091 | rBV3 | 931     | 740     | 0.03%  | 0.004% |
| 80  | 11.331 | 3181 | 3185 | 3189 | rBV3 | 806     | 530     | 0.02%  | 0.003% |
| 81  | 11.363 | 3191 | 3195 | 3198 | rBV2 | 695     | 617     | 0.02%  | 0.003% |
| 82  | 11.411 | 3204 | 3210 | 3212 | rBV3 | 844     | 839     | 0.03%  | 0.004% |
| 83  | 11.479 | 3218 | 3231 | 3260 | rBV  | 1137259 | 1856078 | 68.12% | 8.782% |
| 84  | 11.855 | 3334 | 3348 | 3376 | rBV  | 1187339 | 2001774 | 73.47% | 9.471% |
| 85  | 12.270 | 3474 | 3477 | 3482 | rVB3 | 1167    | 800     | 0.03%  | 0.004% |
| 86  | 12.295 | 3482 | 3485 | 3488 | rBV4 | 1150    | 686     | 0.03%  | 0.003% |
| 87  | 12.392 | 3512 | 3515 | 3521 | rVB4 | 1045    | 916     | 0.03%  | 0.004% |
| 88  | 12.424 | 3521 | 3525 | 3526 | rBV2 | 721     | 523     | 0.02%  | 0.002% |
| 89  | 12.588 | 3572 | 3576 | 3579 | rBV2 | 1264    | 1137    | 0.04%  | 0.005% |
| 90  | 12.707 | 3609 | 3613 | 3618 | rBV2 | 718     | 983     | 0.04%  | 0.005% |
| 91  | 12.890 | 3667 | 3670 | 3675 | rVB2 | 828     | 602     | 0.02%  | 0.003% |
| 92  | 13.234 | 3773 | 3777 | 3780 | rBV2 | 981     | 715     | 0.03%  | 0.003% |
| 93  | 13.906 | 3981 | 3986 | 3987 | rBV3 | 945     | 794     | 0.03%  | 0.004% |
| 94  | 13.999 | 4011 | 4015 | 4018 | rBV2 | 959     | 948     | 0.03%  | 0.004% |
| 95  | 14.257 | 4091 | 4095 | 4098 | rBV4 | 805     | 752     | 0.03%  | 0.004% |
| 96  | 14.588 | 4195 | 4198 | 4202 | rBV3 | 830     | 574     | 0.02%  | 0.003% |
| 97  | 15.437 | 4459 | 4462 | 4465 | rBV2 | 1574    | 1003    | 0.04%  | 0.005% |
| 98  | 15.639 | 4523 | 4525 | 4530 | rBV3 | 1302    | 1206    | 0.04%  | 0.006% |
| 99  | 15.855 | 4590 | 4592 | 4596 | rBV3 | 1656    | 1041    | 0.04%  | 0.005% |
| 100 | 16.003 | 4635 | 4638 | 4643 | rBV6 | 1912    | 2000    | 0.07%  | 0.009% |

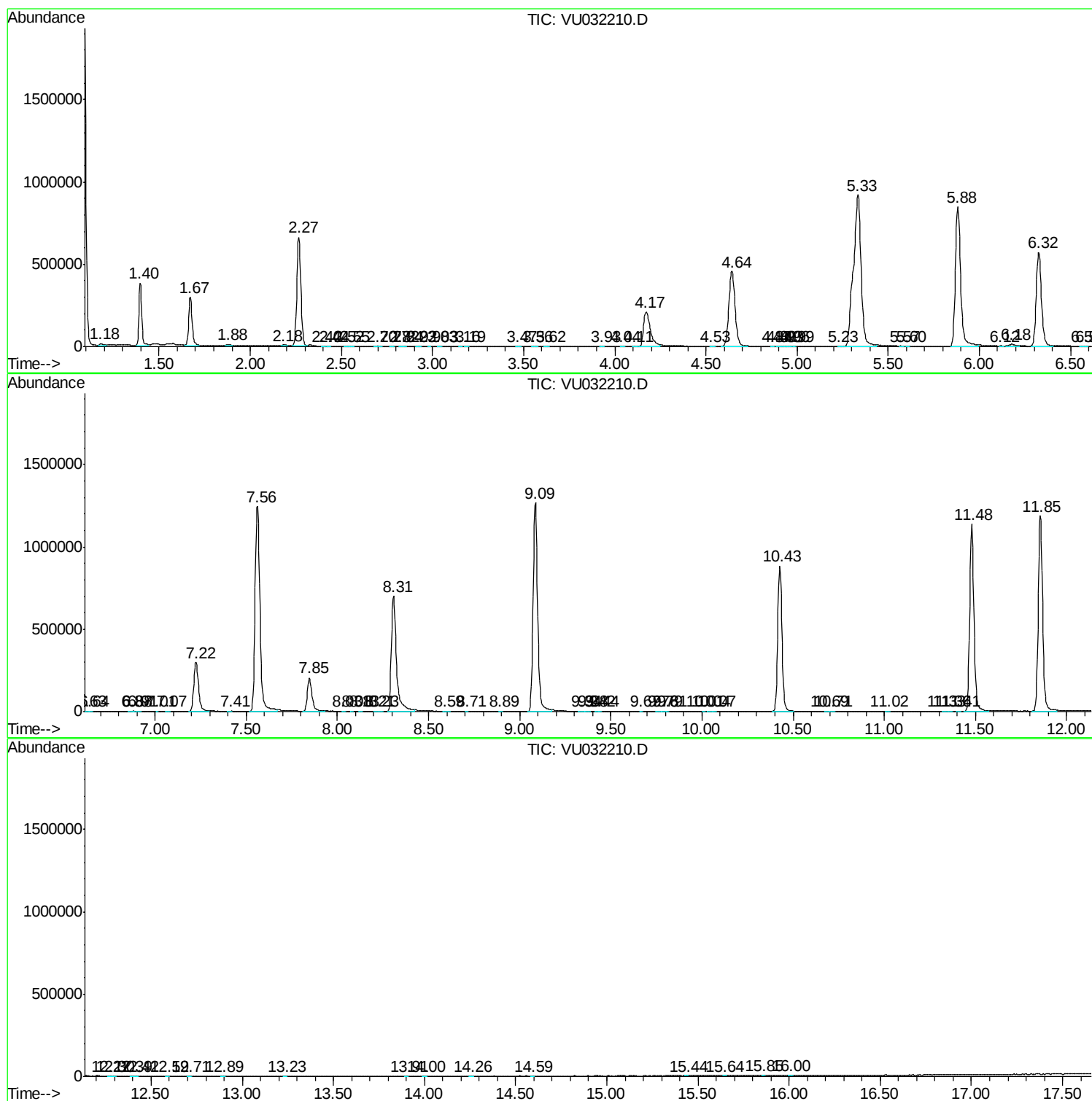
Sum of corrected areas: 21135661

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM052119WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU052119\  
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Quant Title : VOC Analysis

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

No Library Search Compounds Detected

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| TIC Top Hit name | RT | EstConc | Units | Response | ---Internal Standard--- |
|------------------|----|---------|-------|----------|-------------------------|
|                  |    |         |       |          | # RT Resp Conc          |