

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022519\  
 Data File : VU029651.D  
 Acq On : 25 Feb 2019 12:10  
 Operator : JC/SP  
 Sample : K1581-20  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 7 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\SOMULM021519WMA.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      | 1.183    | 24         | 29       | 34        | rBV2  | 5896        | 5681       | 0.35%        | 0.043%     |
| 2      | 1.396    | 88         | 95       | 108       | rBV   | 237687      | 246643     | 14.98%       | 1.876%     |
| 3      | 1.678    | 175        | 183      | 196       | rVB   | 190366      | 236725     | 14.38%       | 1.800%     |
| 4      | 2.270    | 357        | 367      | 382       | rVB   | 388584      | 601472     | 36.54%       | 4.574%     |
| 5      | 2.473    | 425        | 430      | 435       | rBV3  | 735         | 940        | 0.06%        | 0.007%     |
| 6      | 2.505    | 439        | 440      | 444       | rVB3  | 633         | 311        | 0.02%        | 0.002%     |
| 7      | 2.531    | 445        | 448      | 451       | rBV3  | 439         | 318        | 0.02%        | 0.002%     |
| 8      | 2.698    | 493        | 500      | 507       | rBV3  | 1186        | 1647       | 0.10%        | 0.013%     |
| 9      | 2.756    | 517        | 518      | 524       | rVB2  | 490         | 443        | 0.03%        | 0.003%     |
| 10     | 2.862    | 547        | 551      | 556       | rBV3  | 454         | 420        | 0.03%        | 0.003%     |
| 11     | 2.987    | 589        | 590      | 595       | rVB2  | 965         | 660        | 0.04%        | 0.005%     |
| 12     | 3.013    | 595        | 598      | 600       | rBV2  | 358         | 246        | 0.01%        | 0.002%     |
| 13     | 3.067    | 613        | 615      | 618       | rVB   | 433         | 253        | 0.02%        | 0.002%     |
| 14     | 3.087    | 618        | 621      | 625       | rBV2  | 364         | 295        | 0.02%        | 0.002%     |
| 15     | 3.138    | 633        | 637      | 641       | rBV3  | 495         | 343        | 0.02%        | 0.003%     |
| 16     | 3.167    | 641        | 646      | 649       | rVB2  | 272         | 248        | 0.02%        | 0.002%     |
| 17     | 3.231    | 659        | 666      | 669       | rBV3  | 286         | 391        | 0.02%        | 0.003%     |
| 18     | 3.293    | 682        | 685      | 688       | rBV3  | 526         | 360        | 0.02%        | 0.003%     |
| 19     | 3.344    | 697        | 701      | 706       | rVB2  | 251         | 249        | 0.02%        | 0.002%     |
| 20     | 3.392    | 712        | 716      | 718       | rVV4  | 512         | 398        | 0.02%        | 0.003%     |
| 21     | 3.418    | 722        | 724      | 727       | rVB   | 468         | 257        | 0.02%        | 0.002%     |
| 22     | 3.437    | 727        | 730      | 732       | rBV2  | 424         | 268        | 0.02%        | 0.002%     |
| 23     | 3.556    | 763        | 767      | 771       | rBV3  | 328         | 327        | 0.02%        | 0.002%     |
| 24     | 3.682    | 797        | 806      | 807       | rBV3  | 329         | 373        | 0.02%        | 0.003%     |
| 25     | 3.691    | 807        | 809      | 814       | rVB2  | 347         | 238        | 0.01%        | 0.002%     |
| 26     | 3.801    | 841        | 843      | 848       | rVB   | 371         | 248        | 0.02%        | 0.002%     |
| 27     | 3.849    | 854        | 858      | 860       | rBV2  | 374         | 218        | 0.01%        | 0.002%     |
| 28     | 3.862    | 860        | 862      | 867       | rVV   | 304         | 245        | 0.01%        | 0.002%     |
| 29     | 3.884    | 867        | 869      | 875       | rVV3  | 418         | 351        | 0.02%        | 0.003%     |
| 30     | 3.923    | 877        | 881      | 883       | rBV2  | 240         | 226        | 0.01%        | 0.002%     |
| 31     | 4.013    | 906        | 909      | 912       | rBV   | 352         | 251        | 0.02%        | 0.002%     |
| 32     | 4.045    | 916        | 919      | 923       | rVB2  | 256         | 224        | 0.01%        | 0.002%     |
| 33     | 4.174    | 944        | 959      | 990       | rBV   | 131073      | 346793     | 21.07%       | 2.637%     |
| 34     | 4.440    | 1038       | 1042     | 1048      | rVB5  | 756         | 744        | 0.05%        | 0.006%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM021519WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |         |         |         |
|----|-------|------|------|------|------|--------|---------|---------|---------|
| 35 | 4.473 | 1049 | 1052 | 1055 | rBV2 | 550    | 322     | 0.02%   | 0.002%  |
| 36 | 4.643 | 1087 | 1105 | 1131 | rBV2 | 261258 | 631738  | 38.38%  | 4.804%  |
| 37 | 4.939 | 1192 | 1197 | 1199 | rBV  | 355    | 282     | 0.02%   | 0.002%  |
| 38 | 5.116 | 1247 | 1252 | 1254 | rBV  | 308    | 344     | 0.02%   | 0.003%  |
| 39 | 5.154 | 1261 | 1264 | 1267 | rBV4 | 366    | 306     | 0.02%   | 0.002%  |
| 40 | 5.241 | 1290 | 1291 | 1296 | rVB2 | 298    | 234     | 0.01%   | 0.002%  |
| 41 | 5.337 | 1296 | 1321 | 1357 | rBV2 | 555703 | 1646146 | 100.00% | 12.519% |
| 42 | 5.534 | 1380 | 1382 | 1385 | rVB3 | 830    | 404     | 0.02%   | 0.003%  |
| 43 | 5.665 | 1417 | 1423 | 1425 | rBV4 | 467    | 411     | 0.02%   | 0.003%  |
| 44 | 5.743 | 1443 | 1447 | 1453 | rVB2 | 649    | 669     | 0.04%   | 0.005%  |
| 45 | 5.800 | 1464 | 1465 | 1469 | rVB2 | 357    | 231     | 0.01%   | 0.002%  |
| 46 | 5.881 | 1469 | 1490 | 1525 | rBV  | 528229 | 1058885 | 64.33%  | 8.053%  |
| 47 | 6.177 | 1574 | 1582 | 1584 | rBV3 | 1679   | 2109    | 0.13%   | 0.016%  |
| 48 | 6.328 | 1612 | 1629 | 1653 | rBV  | 351909 | 718007  | 43.62%  | 5.460%  |
| 49 | 6.508 | 1682 | 1685 | 1690 | rVB4 | 937    | 773     | 0.05%   | 0.006%  |
| 50 | 6.550 | 1695 | 1698 | 1701 | rBV5 | 251    | 233     | 0.01%   | 0.002%  |
| 51 | 6.685 | 1738 | 1740 | 1744 | rVB  | 417    | 285     | 0.02%   | 0.002%  |
| 52 | 6.714 | 1744 | 1749 | 1752 | rBV2 | 348    | 351     | 0.02%   | 0.003%  |
| 53 | 6.871 | 1795 | 1798 | 1803 | rBV3 | 538    | 527     | 0.03%   | 0.004%  |
| 54 | 6.913 | 1807 | 1811 | 1813 | rBV2 | 422    | 337     | 0.02%   | 0.003%  |
| 55 | 6.945 | 1817 | 1821 | 1823 | rBV  | 278    | 250     | 0.02%   | 0.002%  |
| 56 | 7.026 | 1841 | 1846 | 1850 | rBV3 | 641    | 656     | 0.04%   | 0.005%  |
| 57 | 7.090 | 1862 | 1866 | 1872 | rBV3 | 311    | 404     | 0.02%   | 0.003%  |
| 58 | 7.225 | 1895 | 1908 | 1937 | rBV  | 212942 | 382946  | 23.26%  | 2.912%  |
| 59 | 7.411 | 1964 | 1966 | 1972 | rVB2 | 629    | 482     | 0.03%   | 0.004%  |
| 60 | 7.498 | 1988 | 1993 | 1999 | rVB4 | 441    | 513     | 0.03%   | 0.004%  |
| 61 | 7.562 | 1999 | 2013 | 2043 | rBV  | 801144 | 1420000 | 86.26%  | 10.799% |
| 62 | 7.845 | 2090 | 2101 | 2126 | rBV  | 145678 | 254880  | 15.48%  | 1.938%  |
| 63 | 8.116 | 2182 | 2185 | 2188 | rVV3 | 424    | 280     | 0.02%   | 0.002%  |
| 64 | 8.183 | 2199 | 2206 | 2209 | rBV4 | 1116   | 1259    | 0.08%   | 0.010%  |
| 65 | 8.231 | 2220 | 2221 | 2225 | rVB2 | 449    | 277     | 0.02%   | 0.002%  |
| 66 | 8.257 | 2227 | 2229 | 2233 | rVB  | 525    | 219     | 0.01%   | 0.002%  |
| 67 | 8.308 | 2233 | 2245 | 2280 | rBV  | 420972 | 767582  | 46.63%  | 5.837%  |
| 68 | 8.630 | 2340 | 2345 | 2346 | rBV2 | 499    | 352     | 0.02%   | 0.003%  |
| 69 | 8.723 | 2372 | 2374 | 2380 | rVV3 | 278    | 306     | 0.02%   | 0.002%  |
| 70 | 8.990 | 2455 | 2457 | 2463 | rVB2 | 364    | 253     | 0.02%   | 0.002%  |
| 71 | 9.087 | 2473 | 2487 | 2519 | rBV  | 782502 | 1322953 | 80.37%  | 10.061% |

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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\SOMULM021519WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 9.244  | 2533 | 2536 | 2541 | rBV4 | 710    | 775     | 0.05%  | 0.006% |
| 73  | 9.324  | 2557 | 2561 | 2564 | rBV2 | 465    | 390     | 0.02%  | 0.003% |
| 74  | 9.379  | 2572 | 2578 | 2584 | rBV4 | 1088   | 1573    | 0.10%  | 0.012% |
| 75  | 9.405  | 2584 | 2586 | 2589 | rVB2 | 515    | 282     | 0.02%  | 0.002% |
| 76  | 9.550  | 2627 | 2631 | 2633 | rBV3 | 347    | 253     | 0.02%  | 0.002% |
| 77  | 9.633  | 2655 | 2657 | 2663 | rVB  | 403    | 334     | 0.02%  | 0.003% |
| 78  | 9.800  | 2706 | 2709 | 2711 | rBV2 | 492    | 371     | 0.02%  | 0.003% |
| 79  | 9.858  | 2724 | 2727 | 2730 | rBV2 | 490    | 382     | 0.02%  | 0.003% |
| 80  | 9.926  | 2745 | 2748 | 2752 | rBV3 | 372    | 255     | 0.02%  | 0.002% |
| 81  | 10.077 | 2792 | 2795 | 2799 | rVB  | 352    | 261     | 0.02%  | 0.002% |
| 82  | 10.112 | 2799 | 2806 | 2807 | rBV4 | 341    | 411     | 0.02%  | 0.003% |
| 83  | 10.167 | 2820 | 2823 | 2829 | rVB3 | 955    | 845     | 0.05%  | 0.006% |
| 84  | 10.225 | 2839 | 2841 | 2843 | rVB  | 469    | 237     | 0.01%  | 0.002% |
| 85  | 10.241 | 2843 | 2846 | 2848 | rBV  | 314    | 247     | 0.02%  | 0.002% |
| 86  | 10.431 | 2892 | 2905 | 2927 | rBV  | 525928 | 857129  | 52.07% | 6.518% |
| 87  | 10.582 | 2948 | 2952 | 2953 | rBV2 | 713    | 380     | 0.02%  | 0.003% |
| 88  | 10.668 | 2973 | 2979 | 2981 | rBV3 | 471    | 519     | 0.03%  | 0.004% |
| 89  | 10.778 | 3007 | 3013 | 3014 | rBV2 | 475    | 452     | 0.03%  | 0.003% |
| 90  | 10.881 | 3042 | 3045 | 3048 | rBV2 | 521    | 373     | 0.02%  | 0.003% |
| 91  | 10.971 | 3071 | 3073 | 3079 | rVB3 | 548    | 434     | 0.03%  | 0.003% |
| 92  | 11.482 | 3219 | 3232 | 3258 | rBV  | 814176 | 1303669 | 79.20% | 9.914% |
| 93  | 11.765 | 3315 | 3320 | 3321 | rBV4 | 1182   | 1094    | 0.07%  | 0.008% |
| 94  | 11.858 | 3335 | 3349 | 3370 | rBV  | 795730 | 1306157 | 79.35% | 9.933% |
| 95  | 12.472 | 3537 | 3540 | 3541 | rBV  | 667    | 422     | 0.03%  | 0.003% |
| 96  | 12.617 | 3578 | 3585 | 3594 | rBV6 | 1946   | 2853    | 0.17%  | 0.022% |
| 97  | 12.723 | 3615 | 3618 | 3620 | rBV2 | 435    | 256     | 0.02%  | 0.002% |
| 98  | 12.736 | 3620 | 3622 | 3625 | rVV2 | 403    | 229     | 0.01%  | 0.002% |
| 99  | 13.398 | 3821 | 3828 | 3835 | rBV4 | 2536   | 3375    | 0.21%  | 0.026% |
| 100 | 14.376 | 4130 | 4132 | 4136 | rVB2 | 806    | 484     | 0.03%  | 0.004% |

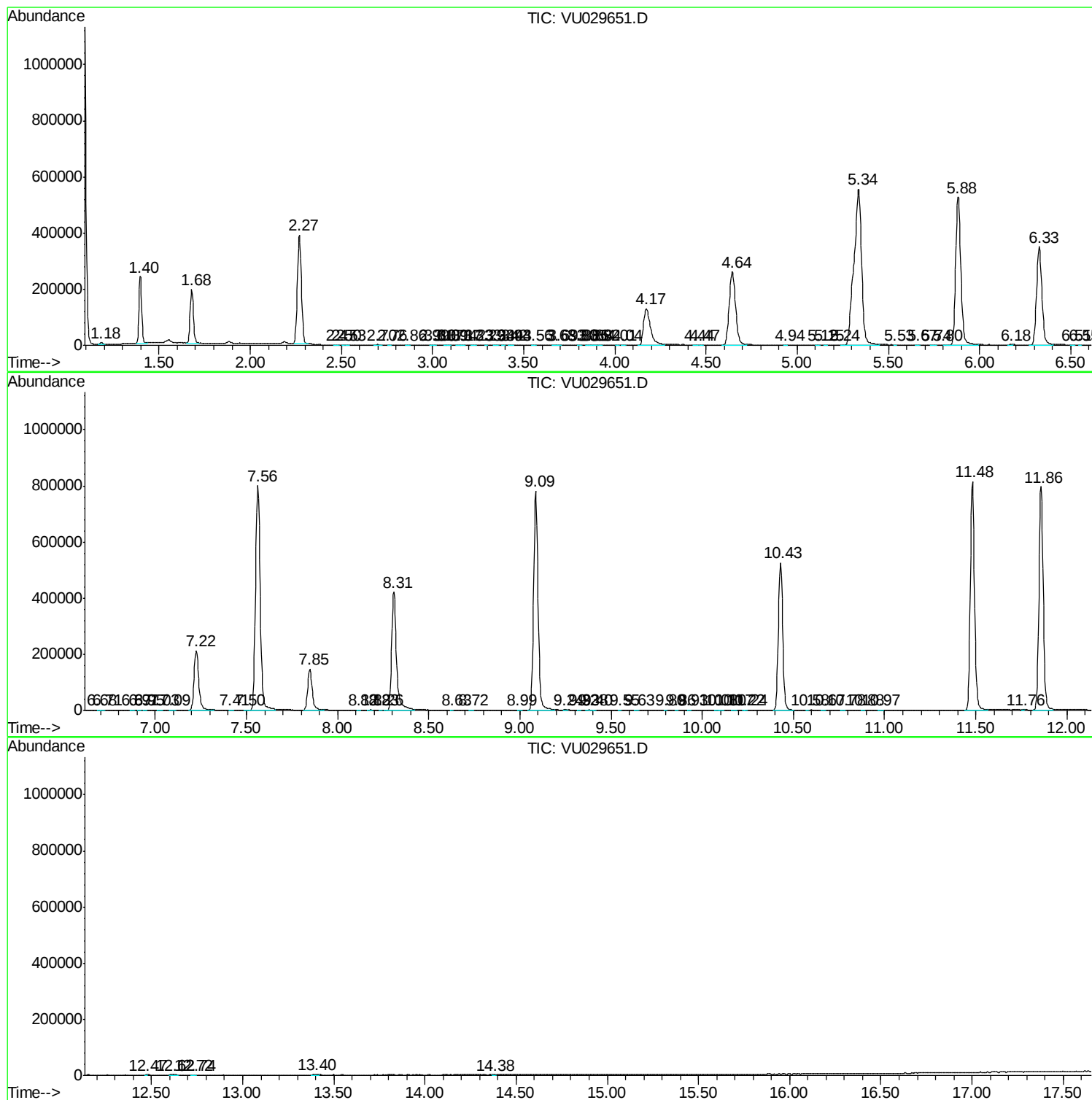
Sum of corrected areas: 13149454

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM021519WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU022519\  
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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          |