

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\  
 Data File : VU031015.D  
 Acq On : 10 Apr 2019 16:55  
 Operator : JC/SP  
 Sample : VU0411WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK53

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\SOMULM040519WMA.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         | 1.180       | 24            | 28          | 34           | rVB      | 11912          | 10905         | 0.56%           | 0.075%        |
| 2         | 1.396       | 88            | 95          | 107          | rBV      | 283571         | 300139        | 15.53%          | 2.058%        |
| 3         | 1.679       | 175           | 183         | 196          | rVB      | 215391         | 276346        | 14.30%          | 1.895%        |
| 4         | 2.267       | 356           | 366         | 378          | rVB      | 439648         | 669202        | 34.62%          | 4.588%        |
| 5         | 2.470       | 424           | 429         | 438          | rVB7     | 2428           | 3135          | 0.16%           | 0.021%        |
| 6         | 2.617       | 472           | 475         | 477          | rBV5     | 947            | 713           | 0.04%           | 0.005%        |
| 7         | 2.704       | 493           | 502         | 510          | rVB6     | 3670           | 6206          | 0.32%           | 0.043%        |
| 8         | 2.778       | 520           | 525         | 526          | rBV2     | 795            | 712           | 0.04%           | 0.005%        |
| 9         | 2.900       | 559           | 563         | 568          | rVV4     | 1010           | 916           | 0.05%           | 0.006%        |
| 10        | 2.971       | 582           | 585         | 588          | rVV2     | 1056           | 880           | 0.05%           | 0.006%        |
| 11        | 3.000       | 591           | 594         | 598          | rVV4     | 903            | 762           | 0.04%           | 0.005%        |
| 12        | 3.074       | 613           | 617         | 621          | rBV3     | 577            | 499           | 0.03%           | 0.003%        |
| 13        | 3.228       | 662           | 665         | 670          | rBV2     | 681            | 550           | 0.03%           | 0.004%        |
| 14        | 3.347       | 700           | 702         | 707          | rVB2     | 736            | 473           | 0.02%           | 0.003%        |
| 15        | 3.373       | 707           | 710         | 712          | rBV2     | 908            | 611           | 0.03%           | 0.004%        |
| 16        | 3.389       | 712           | 715         | 717          | rVB2     | 1003           | 600           | 0.03%           | 0.004%        |
| 17        | 3.502       | 742           | 750         | 751          | rBV3     | 632            | 747           | 0.04%           | 0.005%        |
| 18        | 3.650       | 790           | 796         | 802          | rBV4     | 584            | 763           | 0.04%           | 0.005%        |
| 19        | 4.048       | 915           | 920         | 926          | rVB3     | 631            | 627           | 0.03%           | 0.004%        |
| 20        | 4.170       | 947           | 958         | 986          | rBV      | 195635         | 531100        | 27.48%          | 3.641%        |
| 21        | 4.421       | 1033          | 1036        | 1040         | rVB2     | 1491           | 1215          | 0.06%           | 0.008%        |
| 22        | 4.440       | 1040          | 1042        | 1045         | rBV3     | 648            | 483           | 0.02%           | 0.003%        |
| 23        | 4.553       | 1071          | 1077        | 1078         | rBV3     | 913            | 722           | 0.04%           | 0.005%        |
| 24        | 4.643       | 1085          | 1105        | 1135         | rBV      | 313874         | 779258        | 40.32%          | 5.342%        |
| 25        | 4.984       | 1207          | 1211        | 1213         | rBV4     | 728            | 599           | 0.03%           | 0.004%        |
| 26        | 4.997       | 1213          | 1215        | 1218         | rVV2     | 948            | 499           | 0.03%           | 0.003%        |
| 27        | 5.016       | 1219          | 1221        | 1225         | rVV4     | 900            | 498           | 0.03%           | 0.003%        |
| 28        | 5.035       | 1225          | 1227        | 1234         | rVB4     | 695            | 690           | 0.04%           | 0.005%        |
| 29        | 5.138       | 1252          | 1259        | 1262         | rBV4     | 634            | 486           | 0.03%           | 0.003%        |
| 30        | 5.196       | 1274          | 1277        | 1282         | rVB3     | 1022           | 880           | 0.05%           | 0.006%        |
| 31        | 5.334       | 1294          | 1320        | 1343         | rBV3     | 644104         | 1932865       | 100.00%         | 13.251%       |
| 32        | 5.727       | 1440          | 1442        | 1445         | rVB3     | 1122           | 564           | 0.03%           | 0.004%        |
| 33        | 5.801       | 1461          | 1465        | 1469         | rVB6     | 1901           | 1739          | 0.09%           | 0.012%        |
| 34        | 5.881       | 1477          | 1490        | 1512         | rBV      | 531632         | 1070389       | 55.38%          | 7.338%        |

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 VBLK53

## Integration Parameters: LSCINT.P

Integrator: RTE  
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 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\SOMULM040519WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 35 | 6.183  | 1573 | 1584 | 1589 | rBV9 | 4587   | 7210    | 0.37%  | 0.049% |
| 36 | 6.228  | 1596 | 1598 | 1605 | rVB5 | 1039   | 927     | 0.05%  | 0.006% |
| 37 | 6.325  | 1613 | 1628 | 1654 | rBV  | 440263 | 902877  | 46.71% | 6.190% |
| 38 | 6.614  | 1716 | 1718 | 1722 | rVB3 | 785    | 579     | 0.03%  | 0.004% |
| 39 | 6.852  | 1788 | 1792 | 1793 | rBV2 | 631    | 461     | 0.02%  | 0.003% |
| 40 | 6.955  | 1821 | 1824 | 1828 | rVB2 | 884    | 652     | 0.03%  | 0.004% |
| 41 | 7.225  | 1895 | 1908 | 1940 | rBV  | 222918 | 429363  | 22.21% | 2.944% |
| 42 | 7.437  | 1971 | 1974 | 1976 | rBV3 | 953    | 535     | 0.03%  | 0.004% |
| 43 | 7.473  | 1978 | 1985 | 1995 | rVB7 | 3867   | 6751    | 0.35%  | 0.046% |
| 44 | 7.514  | 1995 | 1998 | 1999 | rBV2 | 952    | 544     | 0.03%  | 0.004% |
| 45 | 7.563  | 2000 | 2013 | 2046 | rBV  | 792379 | 1417196 | 73.32% | 9.716% |
| 46 | 7.849  | 2091 | 2102 | 2123 | rBV  | 160322 | 288289  | 14.92% | 1.976% |
| 47 | 8.170  | 2197 | 2202 | 2205 | rBV3 | 1227   | 1538    | 0.08%  | 0.011% |
| 48 | 8.228  | 2216 | 2220 | 2223 | rVB4 | 893    | 498     | 0.03%  | 0.003% |
| 49 | 8.309  | 2234 | 2245 | 2288 | rBV  | 571580 | 1176298 | 60.86% | 8.064% |
| 50 | 8.884  | 2421 | 2424 | 2426 | rVB4 | 855    | 497     | 0.03%  | 0.003% |
| 51 | 8.910  | 2429 | 2432 | 2435 | rBV3 | 564    | 473     | 0.02%  | 0.003% |
| 52 | 8.955  | 2443 | 2446 | 2452 | rBV5 | 1008   | 935     | 0.05%  | 0.006% |
| 53 | 9.087  | 2475 | 2487 | 2505 | rBV  | 818257 | 1366805 | 70.71% | 9.370% |
| 54 | 9.360  | 2568 | 2572 | 2575 | rBV3 | 983    | 769     | 0.04%  | 0.005% |
| 55 | 9.437  | 2594 | 2596 | 2600 | rVB3 | 963    | 594     | 0.03%  | 0.004% |
| 56 | 9.472  | 2604 | 2607 | 2610 | rBV3 | 1071   | 657     | 0.03%  | 0.005% |
| 57 | 9.495  | 2611 | 2614 | 2618 | rVB2 | 919    | 538     | 0.03%  | 0.004% |
| 58 | 9.517  | 2618 | 2621 | 2625 | rVB3 | 838    | 560     | 0.03%  | 0.004% |
| 59 | 9.550  | 2625 | 2631 | 2633 | rBV3 | 918    | 883     | 0.05%  | 0.006% |
| 60 | 9.588  | 2639 | 2643 | 2645 | rBV3 | 1058   | 603     | 0.03%  | 0.004% |
| 61 | 9.659  | 2661 | 2665 | 2669 | rVB3 | 745    | 600     | 0.03%  | 0.004% |
| 62 | 9.694  | 2673 | 2676 | 2681 | rBV4 | 515    | 560     | 0.03%  | 0.004% |
| 63 | 9.759  | 2693 | 2696 | 2699 | rBV2 | 667    | 471     | 0.02%  | 0.003% |
| 64 | 9.775  | 2699 | 2701 | 2703 | rBV3 | 800    | 473     | 0.02%  | 0.003% |
| 65 | 9.855  | 2722 | 2726 | 2727 | rBV2 | 862    | 492     | 0.03%  | 0.003% |
| 66 | 10.074 | 2792 | 2794 | 2797 | rBV  | 641    | 490     | 0.03%  | 0.003% |
| 67 | 10.177 | 2822 | 2826 | 2829 | rBV3 | 813    | 614     | 0.03%  | 0.004% |
| 68 | 10.315 | 2866 | 2869 | 2873 | rBV2 | 1072   | 685     | 0.04%  | 0.005% |
| 69 | 10.427 | 2890 | 2904 | 2933 | rBV  | 620488 | 1005703 | 52.03% | 6.895% |
| 70 | 10.527 | 2933 | 2935 | 2938 | rVV2 | 1243   | 736     | 0.04%  | 0.005% |
| 71 | 10.652 | 2971 | 2974 | 2977 | rBV3 | 942    | 671     | 0.03%  | 0.005% |

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Instrument :  
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 VBLK53

## 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\SOMULM040519WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 10.694 | 2984 | 2987 | 2990 | rVB4 | 901    | 595     | 0.03%  | 0.004% |
| 73  | 11.054 | 3097 | 3099 | 3103 | rBV3 | 565    | 465     | 0.02%  | 0.003% |
| 74  | 11.096 | 3109 | 3112 | 3115 | rBV2 | 796    | 607     | 0.03%  | 0.004% |
| 75  | 11.135 | 3121 | 3124 | 3128 | rVB3 | 679    | 576     | 0.03%  | 0.004% |
| 76  | 11.164 | 3128 | 3133 | 3135 | rBV2 | 719    | 536     | 0.03%  | 0.004% |
| 77  | 11.177 | 3135 | 3137 | 3140 | rVB2 | 834    | 460     | 0.02%  | 0.003% |
| 78  | 11.254 | 3158 | 3161 | 3165 | rBV  | 615    | 521     | 0.03%  | 0.004% |
| 79  | 11.427 | 3209 | 3215 | 3218 | rBV2 | 1649   | 1663    | 0.09%  | 0.011% |
| 80  | 11.482 | 3220 | 3232 | 3256 | rBV  | 685163 | 1126353 | 58.27% | 7.722% |
| 81  | 11.678 | 3290 | 3293 | 3295 | rBV4 | 1418   | 749     | 0.04%  | 0.005% |
| 82  | 11.752 | 3314 | 3316 | 3320 | rBV3 | 977    | 647     | 0.03%  | 0.004% |
| 83  | 11.787 | 3323 | 3327 | 3333 | rBV4 | 1074   | 861     | 0.04%  | 0.006% |
| 84  | 11.855 | 3336 | 3348 | 3376 | rBV  | 719404 | 1224657 | 63.36% | 8.396% |
| 85  | 12.189 | 3449 | 3452 | 3455 | rBV5 | 767    | 523     | 0.03%  | 0.004% |
| 86  | 12.476 | 3534 | 3541 | 3543 | rBV2 | 1778   | 2064    | 0.11%  | 0.014% |
| 87  | 12.659 | 3595 | 3598 | 3602 | rBV3 | 852    | 784     | 0.04%  | 0.005% |
| 88  | 12.733 | 3614 | 3621 | 3623 | rBV4 | 959    | 1099    | 0.06%  | 0.008% |
| 89  | 12.749 | 3623 | 3626 | 3630 | rVV3 | 704    | 571     | 0.03%  | 0.004% |
| 90  | 12.775 | 3631 | 3634 | 3637 | rVB4 | 742    | 483     | 0.02%  | 0.003% |
| 91  | 13.119 | 3738 | 3741 | 3743 | rBV2 | 701    | 483     | 0.02%  | 0.003% |
| 92  | 13.170 | 3754 | 3757 | 3760 | rBV2 | 758    | 487     | 0.03%  | 0.003% |
| 93  | 13.366 | 3815 | 3818 | 3820 | rBV2 | 697    | 478     | 0.02%  | 0.003% |
| 94  | 13.466 | 3846 | 3849 | 3853 | rVB2 | 728    | 455     | 0.02%  | 0.003% |
| 95  | 13.546 | 3872 | 3874 | 3878 | rBV2 | 876    | 682     | 0.04%  | 0.005% |
| 96  | 14.250 | 4090 | 4093 | 4094 | rBV3 | 1149   | 603     | 0.03%  | 0.004% |
| 97  | 14.459 | 4154 | 4158 | 4163 | rBV2 | 743    | 707     | 0.04%  | 0.005% |
| 98  | 14.508 | 4170 | 4173 | 4176 | rBV2 | 1125   | 770     | 0.04%  | 0.005% |
| 99  | 14.694 | 4229 | 4231 | 4235 | rVB3 | 1044   | 542     | 0.03%  | 0.004% |
| 100 | 15.250 | 4398 | 4404 | 4406 | rBV5 | 1433   | 1550    | 0.08%  | 0.011% |

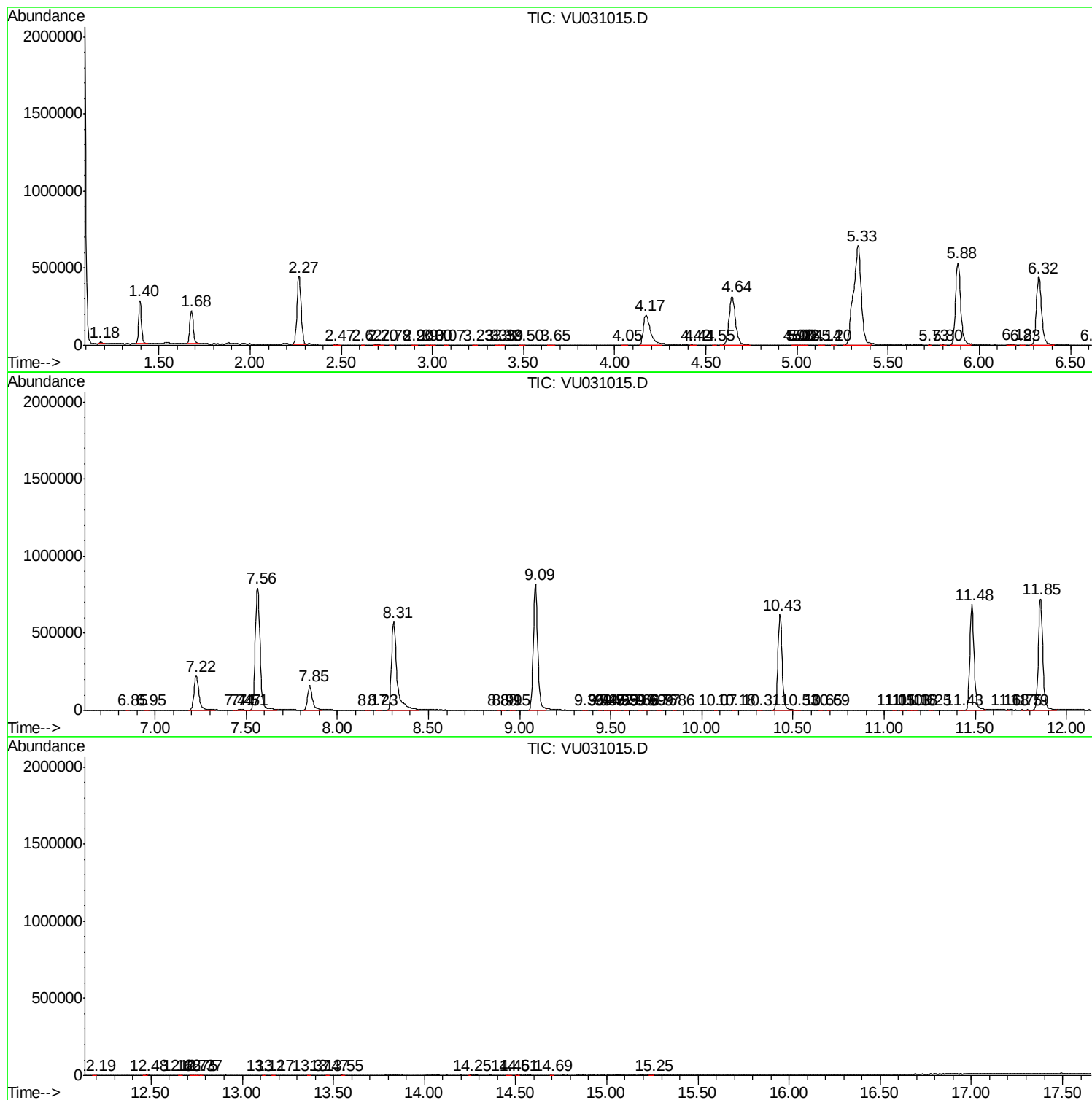
Sum of corrected areas: 14586271

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040519WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU041119\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040519WMA.M  
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          |