

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071618\  
 Data File : VU025429.D  
 Acq On : 16 Jul 2018 17:14  
 Operator : MD/SY  
 Sample : VU0716WBL02  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK42

## 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\SOMULM071618WMA.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      | 0.934    | 103        | 107      | 110       | rVV3  | 724         | 645        | 0.03%        | 0.005%     |
| 2      | 1.089    | 140        | 155      | 179       | rBV   | 1908929     | 2362918    | 100.00%      | 19.685%    |
| 3      | 1.397    | 245        | 251      | 268       | rBV   | 122885      | 139343     | 5.90%        | 1.161%     |
| 4      | 1.677    | 331        | 338      | 353       | rVB   | 88210       | 125910     | 5.33%        | 1.049%     |
| 5      | 2.272    | 513        | 523      | 550       | rVB   | 223265      | 386126     | 16.34%       | 3.217%     |
| 6      | 2.474    | 581        | 586      | 593       | rVB2  | 2225        | 3278       | 0.14%        | 0.027%     |
| 7      | 2.535    | 601        | 605      | 607       | rBV3  | 1106        | 811        | 0.03%        | 0.007%     |
| 8      | 2.616    | 627        | 630      | 633       | rBV3  | 1257        | 1139       | 0.05%        | 0.009%     |
| 9      | 2.699    | 649        | 656      | 662       | rBV7  | 2229        | 3216       | 0.14%        | 0.027%     |
| 10     | 2.741    | 666        | 669      | 671       | rVV   | 1012        | 629        | 0.03%        | 0.005%     |
| 11     | 2.796    | 682        | 686      | 687       | rBV3  | 948         | 619        | 0.03%        | 0.005%     |
| 12     | 2.809    | 687        | 690      | 691       | rVV3  | 1119        | 723        | 0.03%        | 0.006%     |
| 13     | 2.838    | 692        | 699      | 710       | rVB2  | 4910        | 9667       | 0.41%        | 0.081%     |
| 14     | 3.040    | 758        | 762      | 766       | rBV2  | 527         | 528        | 0.02%        | 0.004%     |
| 15     | 3.140    | 786        | 793      | 796       | rBV6  | 694         | 846        | 0.04%        | 0.007%     |
| 16     | 3.169    | 799        | 802      | 808       | rBV7  | 691         | 618        | 0.03%        | 0.005%     |
| 17     | 3.214    | 812        | 816      | 819       | rBV3  | 702         | 606        | 0.03%        | 0.005%     |
| 18     | 3.388    | 864        | 870      | 871       | rBV2  | 610         | 572        | 0.02%        | 0.005%     |
| 19     | 3.590    | 928        | 933      | 934       | rBV5  | 653         | 549        | 0.02%        | 0.005%     |
| 20     | 3.629    | 942        | 945      | 949       | rBV4  | 815         | 665        | 0.03%        | 0.006%     |
| 21     | 3.683    | 956        | 962      | 966       | rBV3  | 845         | 974        | 0.04%        | 0.008%     |
| 22     | 3.703    | 966        | 968      | 973       | rVV4  | 649         | 533        | 0.02%        | 0.004%     |
| 23     | 3.918    | 1031       | 1035     | 1039      | rBV4  | 847         | 930        | 0.04%        | 0.008%     |
| 24     | 3.947    | 1040       | 1044     | 1048      | rVV5  | 665         | 645        | 0.03%        | 0.005%     |
| 25     | 4.121    | 1093       | 1098     | 1099      | rBV5  | 899         | 560        | 0.02%        | 0.005%     |
| 26     | 4.182    | 1100       | 1117     | 1143      | rBV   | 118258      | 321120     | 13.59%       | 2.675%     |
| 27     | 4.471    | 1203       | 1207     | 1217      | rVV5  | 999         | 1357       | 0.06%        | 0.011%     |
| 28     | 4.510    | 1217       | 1219     | 1228      | rVB7  | 1415        | 1628       | 0.07%        | 0.014%     |
| 29     | 4.651    | 1246       | 1263     | 1285      | rBV   | 206832      | 479810     | 20.31%       | 3.997%     |
| 30     | 4.870    | 1328       | 1331     | 1332      | rBV3  | 1253        | 635        | 0.03%        | 0.005%     |
| 31     | 4.986    | 1360       | 1367     | 1376      | rBV8  | 1688        | 3384       | 0.14%        | 0.028%     |
| 32     | 5.201    | 1429       | 1434     | 1436      | rBV4  | 742         | 663        | 0.03%        | 0.006%     |
| 33     | 5.342    | 1454       | 1478     | 1513      | rBV2  | 388864      | 1199853    | 50.78%       | 9.996%     |
| 34     | 5.690    | 1584       | 1586     | 1590      | rVB3  | 1027        | 705        | 0.03%        | 0.006%     |

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 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\SOMULM071618WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 5.719  | 1590 | 1595 | 1601 | rBV4 | 895    | 1204   | 0.05%  | 0.010% |
| 36 | 5.838  | 1628 | 1632 | 1633 | rBV3 | 812    | 488    | 0.02%  | 0.004% |
| 37 | 5.889  | 1633 | 1648 | 1667 | rBV  | 418013 | 824535 | 34.89% | 6.869% |
| 38 | 6.336  | 1772 | 1787 | 1808 | rBV  | 269401 | 545573 | 23.09% | 4.545% |
| 39 | 6.539  | 1847 | 1850 | 1854 | rBV5 | 708    | 659    | 0.03%  | 0.005% |
| 40 | 6.657  | 1880 | 1887 | 1889 | rBV6 | 860    | 728    | 0.03%  | 0.006% |
| 41 | 6.783  | 1924 | 1926 | 1932 | rVB3 | 943    | 604    | 0.03%  | 0.005% |
| 42 | 6.886  | 1954 | 1958 | 1963 | rBV6 | 817    | 857    | 0.04%  | 0.007% |
| 43 | 6.940  | 1970 | 1975 | 1978 | rBV5 | 600    | 572    | 0.02%  | 0.005% |
| 44 | 6.960  | 1978 | 1981 | 1984 | rBV3 | 721    | 562    | 0.02%  | 0.005% |
| 45 | 7.149  | 2038 | 2040 | 2044 | rVB4 | 844    | 531    | 0.02%  | 0.004% |
| 46 | 7.230  | 2053 | 2065 | 2084 | rVV  | 158330 | 280962 | 11.89% | 2.341% |
| 47 | 7.368  | 2100 | 2108 | 2111 | rBV6 | 1379   | 2162   | 0.09%  | 0.018% |
| 48 | 7.407  | 2117 | 2120 | 2123 | rVB3 | 1248   | 747    | 0.03%  | 0.006% |
| 49 | 7.429  | 2123 | 2127 | 2130 | rBV3 | 774    | 732    | 0.03%  | 0.006% |
| 50 | 7.571  | 2156 | 2171 | 2191 | rBV  | 539050 | 960397 | 40.64% | 8.001% |
| 51 | 7.854  | 2248 | 2259 | 2278 | rBV  | 108208 | 185891 | 7.87%  | 1.549% |
| 52 | 8.088  | 2329 | 2332 | 2336 | rBV5 | 858    | 747    | 0.03%  | 0.006% |
| 53 | 8.239  | 2373 | 2379 | 2381 | rVB5 | 1445   | 1411   | 0.06%  | 0.012% |
| 54 | 8.313  | 2389 | 2402 | 2433 | rBV  | 384037 | 695740 | 29.44% | 5.796% |
| 55 | 8.751  | 2534 | 2538 | 2540 | rBV5 | 682    | 538    | 0.02%  | 0.004% |
| 56 | 8.950  | 2598 | 2600 | 2605 | rVB4 | 805    | 560    | 0.02%  | 0.005% |
| 57 | 9.043  | 2625 | 2629 | 2632 | rBV3 | 780    | 665    | 0.03%  | 0.006% |
| 58 | 9.095  | 2632 | 2645 | 2672 | rBV  | 573556 | 962384 | 40.73% | 8.018% |
| 59 | 9.252  | 2689 | 2694 | 2695 | rBV5 | 1128   | 928    | 0.04%  | 0.008% |
| 60 | 9.336  | 2715 | 2720 | 2723 | rBV3 | 640    | 581    | 0.02%  | 0.005% |
| 61 | 9.381  | 2727 | 2734 | 2739 | rBV6 | 1764   | 2423   | 0.10%  | 0.020% |
| 62 | 9.481  | 2759 | 2765 | 2767 | rBV4 | 1175   | 1366   | 0.06%  | 0.011% |
| 63 | 9.535  | 2779 | 2782 | 2785 | rBV3 | 778    | 587    | 0.02%  | 0.005% |
| 64 | 9.558  | 2786 | 2789 | 2792 | rBV5 | 770    | 642    | 0.03%  | 0.005% |
| 65 | 9.683  | 2820 | 2828 | 2832 | rVB7 | 659    | 813    | 0.03%  | 0.007% |
| 66 | 9.796  | 2854 | 2863 | 2872 | rVB8 | 2689   | 5293   | 0.22%  | 0.044% |
| 67 | 9.908  | 2894 | 2898 | 2902 | rBV2 | 865    | 654    | 0.03%  | 0.005% |
| 68 | 9.960  | 2909 | 2914 | 2918 | rBV6 | 1012   | 975    | 0.04%  | 0.008% |
| 69 | 10.069 | 2943 | 2948 | 2950 | rBV3 | 500    | 538    | 0.02%  | 0.004% |
| 70 | 10.175 | 2973 | 2981 | 2987 | rBV8 | 1556   | 2164   | 0.09%  | 0.018% |
| 71 | 10.345 | 3030 | 3034 | 3042 | rBV7 | 1106   | 1322   | 0.06%  | 0.011% |

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ClientSampleId :  
VBLK42

## 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\SOMULM071618WMA.M  
Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 10.435 | 3046 | 3062 | 3079 | rBV  | 391301 | 635581 | 26.90% | 5.295% |
| 73  | 10.722 | 3148 | 3151 | 3155 | rBV2 | 946    | 905    | 0.04%  | 0.008% |
| 74  | 10.780 | 3166 | 3169 | 3172 | rBV3 | 567    | 569    | 0.02%  | 0.005% |
| 75  | 10.866 | 3192 | 3196 | 3203 | rVB6 | 886    | 1089   | 0.05%  | 0.009% |
| 76  | 10.918 | 3208 | 3212 | 3215 | rBV4 | 709    | 558    | 0.02%  | 0.005% |
| 77  | 11.059 | 3254 | 3256 | 3260 | rVB2 | 1007   | 565    | 0.02%  | 0.005% |
| 78  | 11.085 | 3260 | 3264 | 3267 | rBV3 | 585    | 602    | 0.03%  | 0.005% |
| 79  | 11.220 | 3303 | 3306 | 3311 | rVB2 | 882    | 731    | 0.03%  | 0.006% |
| 80  | 11.416 | 3362 | 3367 | 3368 | rBV3 | 2473   | 1799   | 0.08%  | 0.015% |
| 81  | 11.487 | 3377 | 3389 | 3407 | rBV  | 540393 | 864315 | 36.58% | 7.201% |
| 82  | 11.612 | 3425 | 3428 | 3432 | rBV3 | 611    | 563    | 0.02%  | 0.005% |
| 83  | 11.866 | 3494 | 3507 | 3523 | rBV  | 548846 | 888773 | 37.61% | 7.404% |
| 84  | 11.960 | 3530 | 3536 | 3539 | rBV5 | 761    | 931    | 0.04%  | 0.008% |
| 85  | 12.037 | 3558 | 3560 | 3565 | rVB2 | 1041   | 744    | 0.03%  | 0.006% |
| 86  | 12.082 | 3571 | 3574 | 3579 | rVB3 | 888    | 635    | 0.03%  | 0.005% |
| 87  | 12.143 | 3590 | 3593 | 3597 | rBV3 | 744    | 779    | 0.03%  | 0.006% |
| 88  | 12.191 | 3604 | 3608 | 3614 | rVB5 | 932    | 660    | 0.03%  | 0.005% |
| 89  | 12.413 | 3673 | 3677 | 3680 | rBV4 | 555    | 545    | 0.02%  | 0.005% |
| 90  | 12.487 | 3695 | 3700 | 3706 | rBV5 | 952    | 1171   | 0.05%  | 0.010% |
| 91  | 12.574 | 3718 | 3727 | 3735 | rBV6 | 8158   | 11642  | 0.49%  | 0.097% |
| 92  | 12.754 | 3780 | 3783 | 3790 | rBV4 | 460    | 545    | 0.02%  | 0.005% |
| 93  | 12.789 | 3790 | 3794 | 3798 | rBV3 | 694    | 595    | 0.03%  | 0.005% |
| 94  | 12.895 | 3820 | 3827 | 3835 | rVV4 | 4238   | 6008   | 0.25%  | 0.050% |
| 95  | 13.027 | 3866 | 3868 | 3874 | rBV6 | 478    | 545    | 0.02%  | 0.005% |
| 96  | 13.239 | 3931 | 3934 | 3938 | rVB3 | 1020   | 576    | 0.02%  | 0.005% |
| 97  | 13.509 | 4010 | 4018 | 4030 | rVB3 | 7669   | 11732  | 0.50%  | 0.098% |
| 98  | 13.586 | 4038 | 4042 | 4043 | rBV3 | 944    | 586    | 0.02%  | 0.005% |
| 99  | 13.750 | 4085 | 4093 | 4105 | rBV2 | 10498  | 18143  | 0.77%  | 0.151% |
| 100 | 13.992 | 4159 | 4168 | 4177 | rBV7 | 6520   | 11811  | 0.50%  | 0.098% |

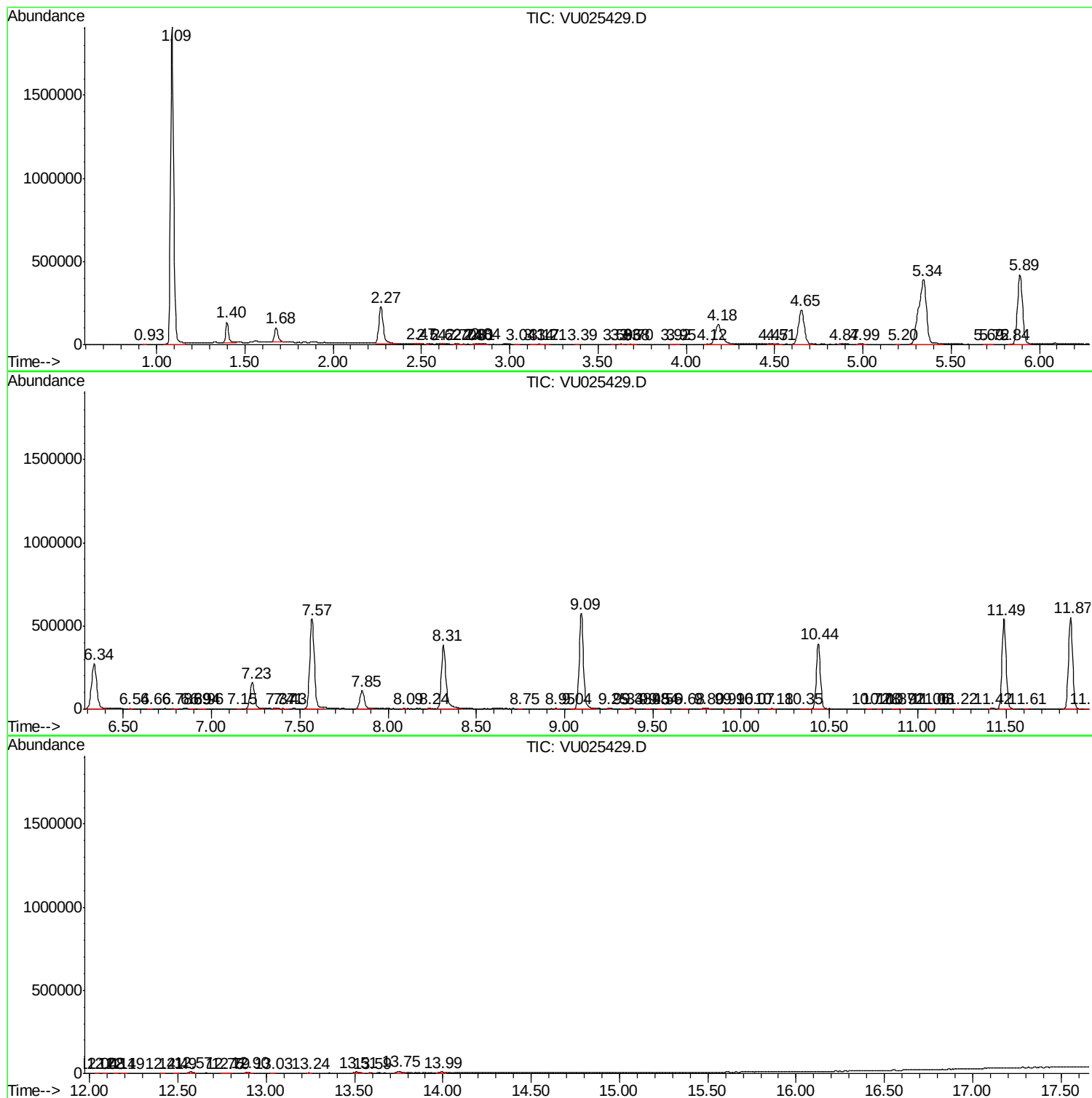
Sum of corrected areas: 12003438

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM071618WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU071618\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM071618WMA.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 Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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