

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072418\  
 Data File : VU025621.D  
 Acq On : 24 Jul 2018 12:16  
 Operator : MD/SY  
 Sample : J4072-12  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK02

## 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\SOMULM072018WMA.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      | 0.619    | 6          | 9        | 16        | rVB3  | 257         | 310        | 0.003%       | 0.0003%    |
| 2      | 0.651    | 16         | 19       | 22        | rBV3  | 353         | 246        | 0.002%       | 0.0003%    |
| 3      | 0.773    | 53         | 57       | 59        | rBV3  | 266         | 225        | 0.002%       | 0.0002%    |
| 4      | 1.088    | 135        | 155      | 177       | rBV   | 856913      | 969545     | 86.77%       | 9.953%     |
| 5      | 1.404    | 245        | 253      | 263       | rBV   | 141669      | 148885     | 13.32%       | 1.528%     |
| 6      | 1.683    | 332        | 340      | 352       | rVB   | 108309      | 134559     | 12.04%       | 1.381%     |
| 7      | 2.275    | 514        | 524      | 536       | rVB   | 244075      | 365711     | 32.73%       | 3.754%     |
| 8      | 2.519    | 596        | 600      | 604       | rBV3  | 580         | 561        | 0.005%       | 0.0006%    |
| 9      | 2.600    | 622        | 625      | 626       | rBV   | 528         | 290        | 0.003%       | 0.0003%    |
| 10     | 2.706    | 653        | 658      | 660       | rBV   | 1279        | 1360       | 0.012%       | 0.0014%    |
| 11     | 2.744    | 667        | 670      | 673       | rVB2  | 417         | 265        | 0.002%       | 0.0003%    |
| 12     | 2.831    | 690        | 697      | 698       | rBV5  | 810         | 862        | 0.008%       | 0.0009%    |
| 13     | 3.069    | 767        | 771      | 774       | rBV2  | 344         | 329        | 0.003%       | 0.0003%    |
| 14     | 3.108    | 777        | 783      | 785       | rBV2  | 307         | 330        | 0.003%       | 0.0003%    |
| 15     | 3.182    | 802        | 806      | 811       | rVB3  | 370         | 342        | 0.003%       | 0.0004%    |
| 16     | 3.301    | 840        | 843      | 848       | rBV2  | 268         | 229        | 0.002%       | 0.0002%    |
| 17     | 3.391    | 866        | 871      | 873       | rBV3  | 338         | 267        | 0.002%       | 0.0003%    |
| 18     | 3.448    | 884        | 889      | 891       | rBV2  | 335         | 323        | 0.003%       | 0.0003%    |
| 19     | 3.535    | 913        | 916      | 920       | rVV2  | 329         | 229        | 0.002%       | 0.0002%    |
| 20     | 3.558    | 920        | 923      | 927       | rVB3  | 279         | 230        | 0.002%       | 0.0002%    |
| 21     | 3.609    | 937        | 939      | 944       | rBV2  | 239         | 223        | 0.002%       | 0.0002%    |
| 22     | 3.902    | 1026       | 1030     | 1035      | rVB3  | 261         | 223        | 0.002%       | 0.0002%    |
| 23     | 3.985    | 1052       | 1056     | 1058      | rBV2  | 315         | 239        | 0.002%       | 0.0002%    |
| 24     | 4.002    | 1059       | 1061     | 1063      | rVV2  | 456         | 224        | 0.002%       | 0.0002%    |
| 25     | 4.040    | 1070       | 1073     | 1077      | rVB   | 426         | 288        | 0.003%       | 0.0003%    |
| 26     | 4.178    | 1099       | 1116     | 1147      | rVV2  | 95358       | 251920     | 22.54%       | 2.586%     |
| 27     | 4.320    | 1158       | 1160     | 1162      | rBV2  | 379         | 217        | 0.002%       | 0.0002%    |
| 28     | 4.420    | 1189       | 1191     | 1195      | rVB3  | 491         | 331        | 0.003%       | 0.0003%    |
| 29     | 4.564    | 1232       | 1236     | 1240      | rVB4  | 461         | 465        | 0.004%       | 0.0005%    |
| 30     | 4.654    | 1246       | 1264     | 1286      | rBV   | 192030      | 448323     | 40.12%       | 4.602%     |
| 31     | 4.860    | 1324       | 1328     | 1329      | rBV2  | 457         | 292        | 0.003%       | 0.0003%    |
| 32     | 4.883    | 1329       | 1335     | 1344      | rVB3  | 878         | 1704       | 0.015%       | 0.0017%    |
| 33     | 5.056    | 1386       | 1389     | 1393      | rVB2  | 375         | 266        | 0.002%       | 0.0003%    |
| 34     | 5.101    | 1398       | 1403     | 1408      | rVV3  | 388         | 356        | 0.003%       | 0.0004%    |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM072018WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |         |         |         |
|----|-------|------|------|------|------|--------|---------|---------|---------|
| 35 | 5.346 | 1454 | 1479 | 1496 | rBV2 | 378323 | 1117419 | 100.00% | 11.471% |
| 36 | 5.519 | 1530 | 1533 | 1540 | rBV2 | 316    | 316     | 0.03%   | 0.003%  |
| 37 | 5.686 | 1582 | 1585 | 1589 | rVB2 | 439    | 337     | 0.03%   | 0.003%  |
| 38 | 5.802 | 1618 | 1621 | 1624 | rBV  | 427    | 226     | 0.02%   | 0.002%  |
| 39 | 5.889 | 1633 | 1648 | 1670 | rBV  | 361404 | 708513  | 63.41%  | 7.274%  |
| 40 | 6.014 | 1684 | 1687 | 1690 | rBV4 | 432    | 350     | 0.03%   | 0.004%  |
| 41 | 6.185 | 1737 | 1740 | 1745 | rVB4 | 1268   | 902     | 0.08%   | 0.009%  |
| 42 | 6.233 | 1753 | 1755 | 1757 | rBV3 | 433    | 250     | 0.02%   | 0.003%  |
| 43 | 6.265 | 1763 | 1765 | 1769 | rVB4 | 573    | 434     | 0.04%   | 0.004%  |
| 44 | 6.336 | 1770 | 1787 | 1807 | rBV  | 253922 | 504104  | 45.11%  | 5.175%  |
| 45 | 6.509 | 1838 | 1841 | 1844 | rBV3 | 535    | 351     | 0.03%   | 0.004%  |
| 46 | 6.587 | 1860 | 1865 | 1868 | rBV2 | 323    | 229     | 0.02%   | 0.002%  |
| 47 | 6.661 | 1884 | 1888 | 1892 | rVB2 | 416    | 290     | 0.03%   | 0.003%  |
| 48 | 6.757 | 1915 | 1918 | 1925 | rVB2 | 476    | 474     | 0.04%   | 0.005%  |
| 49 | 6.799 | 1925 | 1931 | 1932 | rBV2 | 307    | 271     | 0.02%   | 0.003%  |
| 50 | 6.850 | 1940 | 1947 | 1948 | rBV5 | 1034   | 1082    | 0.10%   | 0.011%  |
| 51 | 6.995 | 1987 | 1992 | 1996 | rVV2 | 331    | 294     | 0.03%   | 0.003%  |
| 52 | 7.040 | 2001 | 2006 | 2009 | rBV2 | 443    | 400     | 0.04%   | 0.004%  |
| 53 | 7.230 | 2053 | 2065 | 2081 | rBV  | 151457 | 268660  | 24.04%  | 2.758%  |
| 54 | 7.362 | 2100 | 2106 | 2114 | rBV5 | 1060   | 1454    | 0.13%   | 0.015%  |
| 55 | 7.571 | 2156 | 2171 | 2189 | rBV  | 531161 | 918892  | 82.23%  | 9.433%  |
| 56 | 7.850 | 2247 | 2258 | 2273 | rBV  | 107914 | 181753  | 16.27%  | 1.866%  |
| 57 | 8.046 | 2314 | 2319 | 2322 | rBV2 | 418    | 457     | 0.04%   | 0.005%  |
| 58 | 8.185 | 2351 | 2362 | 2369 | rBV3 | 5305   | 10363   | 0.93%   | 0.106%  |
| 59 | 8.313 | 2390 | 2402 | 2426 | rBV  | 298179 | 513502  | 45.95%  | 5.272%  |
| 60 | 8.480 | 2451 | 2454 | 2458 | rVB2 | 509    | 359     | 0.03%   | 0.004%  |
| 61 | 8.577 | 2480 | 2484 | 2487 | rVB2 | 433    | 356     | 0.03%   | 0.004%  |
| 62 | 8.599 | 2487 | 2491 | 2495 | rBV3 | 382    | 443     | 0.04%   | 0.005%  |
| 63 | 8.625 | 2495 | 2499 | 2503 | rBV4 | 773    | 852     | 0.08%   | 0.009%  |
| 64 | 8.844 | 2564 | 2567 | 2572 | rVV2 | 318    | 277     | 0.02%   | 0.003%  |
| 65 | 8.924 | 2587 | 2592 | 2594 | rBV  | 459    | 417     | 0.04%   | 0.004%  |
| 66 | 9.091 | 2630 | 2644 | 2668 | rBV  | 514049 | 849429  | 76.02%  | 8.720%  |
| 67 | 9.345 | 2720 | 2723 | 2727 | rBV2 | 381    | 273     | 0.02%   | 0.003%  |
| 68 | 9.371 | 2728 | 2731 | 2733 | rBV3 | 347    | 248     | 0.02%   | 0.003%  |
| 69 | 9.609 | 2801 | 2805 | 2809 | rBV2 | 263    | 299     | 0.03%   | 0.003%  |
| 70 | 9.722 | 2836 | 2840 | 2844 | rVB3 | 326    | 318     | 0.03%   | 0.003%  |
| 71 | 9.747 | 2844 | 2848 | 2852 | rBV2 | 328    | 356     | 0.03%   | 0.004%  |

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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\SOMULM072018WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 9.779  | 2855 | 2858 | 2860 | rBV  | 540    | 325    | 0.03%  | 0.003% |
| 73  | 10.088 | 2951 | 2954 | 2958 | rVV2 | 298    | 268    | 0.02%  | 0.003% |
| 74  | 10.123 | 2961 | 2965 | 2967 | rBV2 | 405    | 279    | 0.02%  | 0.003% |
| 75  | 10.149 | 2971 | 2973 | 2976 | rVV2 | 313    | 234    | 0.02%  | 0.002% |
| 76  | 10.175 | 2978 | 2981 | 2985 | rVB2 | 459    | 351    | 0.03%  | 0.004% |
| 77  | 10.326 | 3024 | 3028 | 3029 | rBV2 | 451    | 252    | 0.02%  | 0.003% |
| 78  | 10.435 | 3049 | 3062 | 3079 | rBV  | 343696 | 551530 | 49.36% | 5.662% |
| 79  | 10.525 | 3088 | 3090 | 3094 | rVB2 | 384    | 243    | 0.02%  | 0.002% |
| 80  | 10.548 | 3094 | 3097 | 3099 | rBV  | 335    | 267    | 0.02%  | 0.003% |
| 81  | 10.615 | 3108 | 3118 | 3124 | rBV5 | 1839   | 2941   | 0.26%  | 0.030% |
| 82  | 10.795 | 3169 | 3174 | 3176 | rBV2 | 370    | 261    | 0.02%  | 0.003% |
| 83  | 11.146 | 3277 | 3283 | 3287 | rVV2 | 358    | 402    | 0.04%  | 0.004% |
| 84  | 11.185 | 3291 | 3295 | 3298 | rBV3 | 263    | 229    | 0.02%  | 0.002% |
| 85  | 11.204 | 3298 | 3301 | 3310 | rVB2 | 259    | 219    | 0.02%  | 0.002% |
| 86  | 11.374 | 3351 | 3354 | 3359 | rBV2 | 258    | 312    | 0.03%  | 0.003% |
| 87  | 11.419 | 3365 | 3368 | 3374 | rVB3 | 576    | 556    | 0.05%  | 0.006% |
| 88  | 11.487 | 3377 | 3389 | 3410 | rBV  | 552838 | 866213 | 77.52% | 8.893% |
| 89  | 11.863 | 3492 | 3506 | 3528 | rBV  | 557656 | 884379 | 79.14% | 9.079% |
| 90  | 11.995 | 3544 | 3547 | 3551 | rBV2 | 380    | 240    | 0.02%  | 0.002% |
| 91  | 12.181 | 3601 | 3605 | 3608 | rBV2 | 281    | 257    | 0.02%  | 0.003% |
| 92  | 12.197 | 3608 | 3610 | 3613 | rVB2 | 429    | 264    | 0.02%  | 0.003% |
| 93  | 12.483 | 3692 | 3699 | 3700 | rBV3 | 692    | 763    | 0.07%  | 0.008% |
| 94  | 12.811 | 3797 | 3801 | 3803 | rBV2 | 465    | 394    | 0.04%  | 0.004% |
| 95  | 12.972 | 3848 | 3851 | 3852 | rBV  | 437    | 224    | 0.02%  | 0.002% |
| 96  | 13.065 | 3878 | 3880 | 3883 | rVB2 | 391    | 231    | 0.02%  | 0.002% |
| 97  | 13.348 | 3965 | 3968 | 3970 | rBV2 | 305    | 229    | 0.02%  | 0.002% |
| 98  | 13.750 | 4085 | 4093 | 4102 | rBV  | 8573   | 13184  | 1.18%  | 0.135% |
| 99  | 14.226 | 4239 | 4241 | 4244 | rBV  | 481    | 328    | 0.03%  | 0.003% |
| 100 | 15.458 | 4622 | 4624 | 4626 | rBV  | 771    | 438    | 0.04%  | 0.004% |

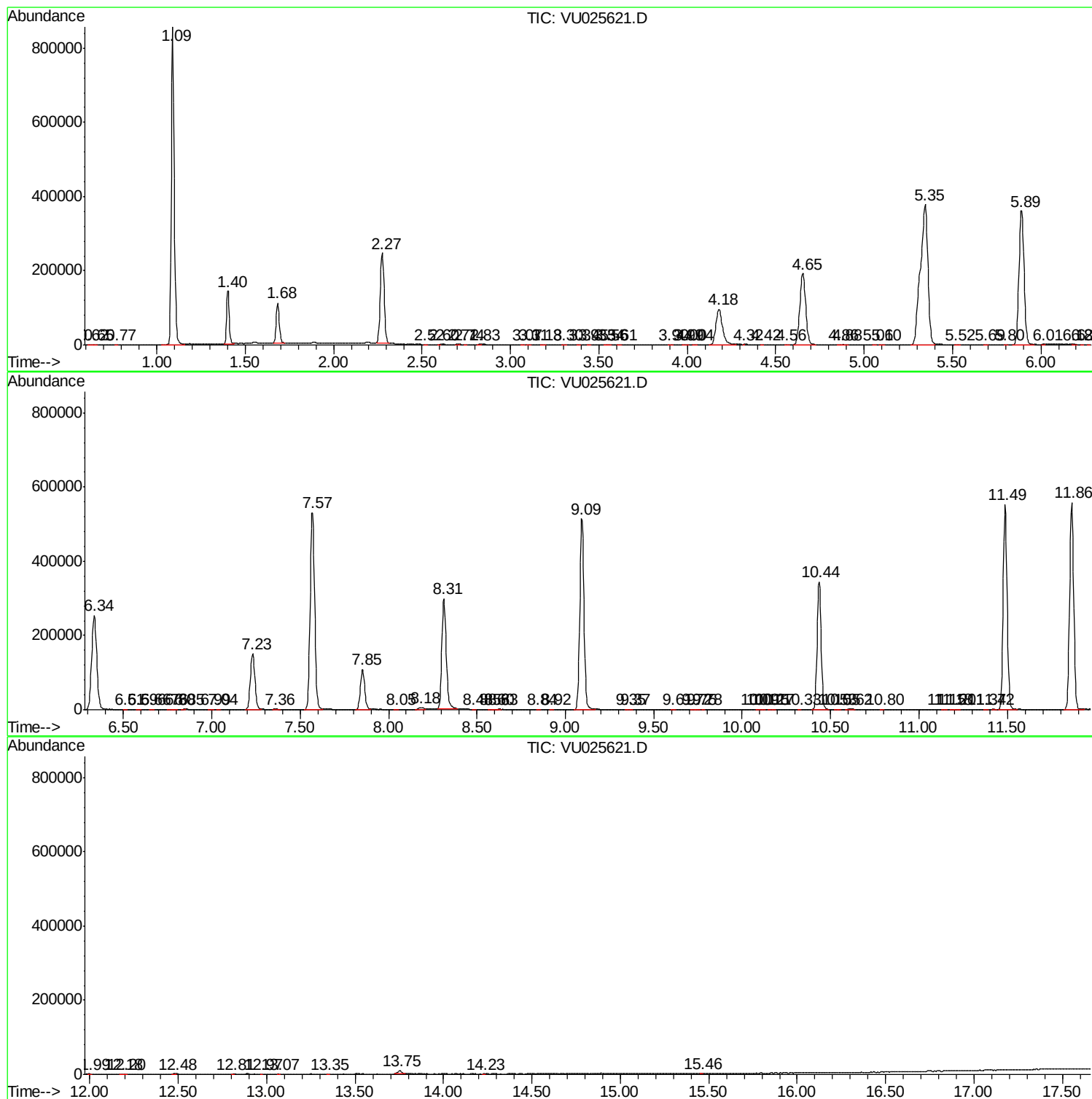
Sum of corrected areas: 9740932

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM072018WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU072418\  
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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          |