

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080718\  
 Data File : VU025957.D  
 Acq On : 07 Aug 2018 23:18  
 Operator : MD/SY  
 Sample : J4361-12  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 A4ZB9

## 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\SOMULM080718WMA.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         | 0.677       | 23            | 27          | 29           | rBV2     | 389            | 280           | 0.03%           | 0.003%        |
| 2         | 0.786       | 57            | 61          | 64           | rBV      | 321            | 303           | 0.03%           | 0.004%        |
| 3         | 0.957       | 112           | 114         | 119          | rVB2     | 370            | 336           | 0.03%           | 0.004%        |
| 4         | 0.986       | 119           | 123         | 124          | rBV2     | 372            | 248           | 0.02%           | 0.003%        |
| 5         | 1.089       | 143           | 155         | 177          | rBV      | 444432         | 496165        | 49.77%          | 6.055%        |
| 6         | 1.304       | 216           | 222         | 227          | rVB2     | 4659           | 5752          | 0.58%           | 0.070%        |
| 7         | 1.400       | 245           | 252         | 262          | rBV      | 137304         | 135613        | 13.60%          | 1.655%        |
| 8         | 1.680       | 331           | 339         | 355          | rVB      | 95133          | 123517        | 12.39%          | 1.507%        |
| 9         | 2.053       | 452           | 455         | 458          | rBV3     | 1127           | 1045          | 0.10%           | 0.013%        |
| 10        | 2.272       | 513           | 523         | 536          | rBV      | 216355         | 328225        | 32.92%          | 4.006%        |
| 11        | 2.429       | 569           | 572         | 575          | rBV3     | 345            | 284           | 0.03%           | 0.003%        |
| 12        | 2.677       | 647           | 649         | 653          | rBV2     | 387            | 275           | 0.03%           | 0.003%        |
| 13        | 2.703       | 653           | 657         | 664          | rBV3     | 679            | 681           | 0.07%           | 0.008%        |
| 14        | 2.796       | 682           | 686         | 690          | rVB      | 502            | 424           | 0.04%           | 0.005%        |
| 15        | 3.182       | 802           | 806         | 808          | rBV2     | 328            | 266           | 0.03%           | 0.003%        |
| 16        | 3.291       | 838           | 840         | 845          | rVB2     | 404            | 333           | 0.03%           | 0.004%        |
| 17        | 3.317       | 845           | 848         | 852          | rBV2     | 339            | 345           | 0.03%           | 0.004%        |
| 18        | 3.378       | 860           | 867         | 871          | rBV2     | 351            | 555           | 0.06%           | 0.007%        |
| 19        | 3.481       | 896           | 899         | 904          | rBV2     | 391            | 274           | 0.03%           | 0.003%        |
| 20        | 3.545       | 914           | 919         | 923          | rBV2     | 294            | 250           | 0.03%           | 0.003%        |
| 21        | 3.596       | 931           | 935         | 938          | rBV2     | 403            | 360           | 0.04%           | 0.004%        |
| 22        | 3.632       | 939           | 946         | 949          | rVB3     | 309            | 430           | 0.04%           | 0.005%        |
| 23        | 4.182       | 1102          | 1117        | 1148         | rBV      | 78701          | 205366        | 20.60%          | 2.506%        |
| 24        | 4.333       | 1162          | 1164        | 1169         | rBV      | 438            | 386           | 0.04%           | 0.005%        |
| 25        | 4.381       | 1174          | 1179        | 1184         | rBV4     | 591            | 622           | 0.06%           | 0.008%        |
| 26        | 4.465       | 1201          | 1205        | 1209         | rBV2     | 510            | 518           | 0.05%           | 0.006%        |
| 27        | 4.526       | 1222          | 1224        | 1229         | rVB2     | 448            | 313           | 0.03%           | 0.004%        |
| 28        | 4.561       | 1229          | 1235        | 1238         | rBV2     | 539            | 656           | 0.07%           | 0.008%        |
| 29        | 4.651       | 1246          | 1263        | 1284         | rVV      | 168729         | 398385        | 39.96%          | 4.862%        |
| 30        | 4.776       | 1299          | 1302        | 1305         | rVB      | 502            | 354           | 0.04%           | 0.004%        |
| 31        | 4.815       | 1311          | 1314        | 1317         | rBV      | 438            | 316           | 0.03%           | 0.004%        |
| 32        | 4.883       | 1331          | 1335        | 1336         | rBV2     | 539            | 354           | 0.04%           | 0.004%        |
| 33        | 5.008       | 1371          | 1374        | 1378         | rVB3     | 591            | 307           | 0.03%           | 0.004%        |
| 34        | 5.092       | 1397          | 1400        | 1403         | rBV2     | 397            | 308           | 0.03%           | 0.004%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM080718WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |         |         |
|----|-------|------|------|------|------|--------|--------|---------|---------|
| 35 | 5.175 | 1422 | 1426 | 1430 | rVB2 | 502    | 449    | 0.05%   | 0.005%  |
| 36 | 5.204 | 1430 | 1435 | 1437 | rBV2 | 289    | 297    | 0.03%   | 0.004%  |
| 37 | 5.346 | 1452 | 1479 | 1504 | rBV3 | 334119 | 996894 | 100.00% | 12.166% |
| 38 | 5.548 | 1540 | 1542 | 1547 | rVB3 | 415    | 306    | 0.03%   | 0.004%  |
| 39 | 5.574 | 1547 | 1550 | 1556 | rBV3 | 507    | 518    | 0.05%   | 0.006%  |
| 40 | 5.609 | 1556 | 1561 | 1564 | rBV3 | 320    | 268    | 0.03%   | 0.003%  |
| 41 | 5.635 | 1564 | 1569 | 1571 | rBV3 | 318    | 347    | 0.03%   | 0.004%  |
| 42 | 5.648 | 1571 | 1573 | 1576 | rVB  | 522    | 302    | 0.03%   | 0.004%  |
| 43 | 5.670 | 1576 | 1580 | 1582 | rBV  | 641    | 397    | 0.04%   | 0.005%  |
| 44 | 5.686 | 1582 | 1585 | 1591 | rVB2 | 326    | 308    | 0.03%   | 0.004%  |
| 45 | 5.789 | 1614 | 1617 | 1619 | rBV2 | 406    | 284    | 0.03%   | 0.003%  |
| 46 | 5.889 | 1633 | 1648 | 1673 | rBV  | 369976 | 724221 | 72.65%  | 8.838%  |
| 47 | 5.998 | 1680 | 1682 | 1689 | rBV4 | 345    | 306    | 0.03%   | 0.004%  |
| 48 | 6.130 | 1720 | 1723 | 1729 | rVB4 | 475    | 393    | 0.04%   | 0.005%  |
| 49 | 6.169 | 1731 | 1735 | 1739 | rBV3 | 199    | 253    | 0.03%   | 0.003%  |
| 50 | 6.217 | 1748 | 1750 | 1757 | rVB3 | 613    | 665    | 0.07%   | 0.008%  |
| 51 | 6.252 | 1757 | 1761 | 1763 | rBV2 | 481    | 328    | 0.03%   | 0.004%  |
| 52 | 6.336 | 1768 | 1787 | 1808 | rBV  | 221951 | 449149 | 45.05%  | 5.481%  |
| 53 | 6.458 | 1822 | 1825 | 1832 | rVB4 | 566    | 592    | 0.06%   | 0.007%  |
| 54 | 6.548 | 1850 | 1853 | 1856 | rBV2 | 366    | 265    | 0.03%   | 0.003%  |
| 55 | 6.625 | 1871 | 1877 | 1882 | rBV  | 436    | 543    | 0.05%   | 0.007%  |
| 56 | 6.677 | 1890 | 1893 | 1897 | rBV2 | 387    | 279    | 0.03%   | 0.003%  |
| 57 | 6.837 | 1938 | 1943 | 1945 | rBV2 | 318    | 294    | 0.03%   | 0.004%  |
| 58 | 6.854 | 1945 | 1948 | 1951 | rVV2 | 378    | 286    | 0.03%   | 0.003%  |
| 59 | 6.928 | 1967 | 1971 | 1974 | rBV2 | 366    | 275    | 0.03%   | 0.003%  |
| 60 | 7.063 | 2010 | 2013 | 2016 | rBV2 | 397    | 367    | 0.04%   | 0.004%  |
| 61 | 7.143 | 2034 | 2038 | 2043 | rBV2 | 340    | 313    | 0.03%   | 0.004%  |
| 62 | 7.230 | 2053 | 2065 | 2086 | rBV2 | 123235 | 221556 | 22.22%  | 2.704%  |
| 63 | 7.432 | 2124 | 2128 | 2131 | rBV2 | 369    | 263    | 0.03%   | 0.003%  |
| 64 | 7.571 | 2155 | 2171 | 2195 | rBV  | 442085 | 784169 | 78.66%  | 9.570%  |
| 65 | 7.738 | 2220 | 2223 | 2227 | rVB2 | 606    | 365    | 0.04%   | 0.004%  |
| 66 | 7.854 | 2246 | 2259 | 2279 | rBV  | 88226  | 149343 | 14.98%  | 1.823%  |
| 67 | 8.185 | 2351 | 2362 | 2374 | rVB3 | 2325   | 4631   | 0.46%   | 0.057%  |
| 68 | 8.262 | 2381 | 2386 | 2389 | rBV3 | 366    | 465    | 0.05%   | 0.006%  |
| 69 | 8.313 | 2391 | 2402 | 2427 | rBV  | 238949 | 420059 | 42.14%  | 5.126%  |
| 70 | 8.799 | 2550 | 2553 | 2556 | rBV2 | 388    | 305    | 0.03%   | 0.004%  |
| 71 | 8.944 | 2595 | 2598 | 2602 | rBV2 | 367    | 303    | 0.03%   | 0.004%  |

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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\SOMULM080718WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 9.095  | 2627 | 2645 | 2668 | rBV  | 505119 | 846818 | 84.95% | 10.334% |
| 73  | 9.326  | 2713 | 2717 | 2720 | rVB2 | 289    | 247    | 0.02%  | 0.003%  |
| 74  | 9.371  | 2728 | 2731 | 2734 | rBV2 | 770    | 635    | 0.06%  | 0.008%  |
| 75  | 9.416  | 2743 | 2745 | 2748 | rBV  | 329    | 259    | 0.03%  | 0.003%  |
| 76  | 9.435  | 2748 | 2751 | 2754 | rVV3 | 391    | 348    | 0.03%  | 0.004%  |
| 77  | 9.709  | 2832 | 2836 | 2839 | rVB3 | 320    | 283    | 0.03%  | 0.003%  |
| 78  | 9.779  | 2855 | 2858 | 2863 | rBV3 | 412    | 354    | 0.04%  | 0.004%  |
| 79  | 9.908  | 2894 | 2898 | 2902 | rBV2 | 535    | 521    | 0.05%  | 0.006%  |
| 80  | 10.017 | 2928 | 2932 | 2939 | rVB3 | 370    | 454    | 0.05%  | 0.006%  |
| 81  | 10.239 | 2996 | 3001 | 3006 | rBV2 | 473    | 606    | 0.06%  | 0.007%  |
| 82  | 10.320 | 3020 | 3026 | 3030 | rVB3 | 1049   | 1023   | 0.10%  | 0.012%  |
| 83  | 10.435 | 3050 | 3062 | 3079 | rBV  | 295014 | 479853 | 48.13% | 5.856%  |
| 84  | 10.615 | 3107 | 3118 | 3129 | rBV7 | 2035   | 3879   | 0.39%  | 0.047%  |
| 85  | 10.657 | 3129 | 3131 | 3135 | rVB  | 437    | 300    | 0.03%  | 0.004%  |
| 86  | 10.796 | 3170 | 3174 | 3177 | rBV3 | 319    | 281    | 0.03%  | 0.003%  |
| 87  | 10.898 | 3203 | 3206 | 3213 | rBB3 | 413    | 493    | 0.05%  | 0.006%  |
| 88  | 11.207 | 3298 | 3302 | 3306 | rBV3 | 554    | 490    | 0.05%  | 0.006%  |
| 89  | 11.255 | 3312 | 3317 | 3322 | rBV2 | 438    | 626    | 0.06%  | 0.008%  |
| 90  | 11.426 | 3364 | 3370 | 3377 | rBV4 | 792    | 1017   | 0.10%  | 0.012%  |
| 91  | 11.487 | 3377 | 3389 | 3409 | rBV  | 444318 | 721889 | 72.41% | 8.810%  |
| 92  | 11.770 | 3474 | 3477 | 3482 | rBV3 | 287    | 292    | 0.03%  | 0.004%  |
| 93  | 11.863 | 3494 | 3506 | 3525 | rBV  | 401606 | 661838 | 66.39% | 8.077%  |
| 94  | 12.117 | 3581 | 3585 | 3587 | rBV2 | 463    | 280    | 0.03%  | 0.003%  |
| 95  | 12.197 | 3606 | 3610 | 3612 | rBV2 | 390    | 331    | 0.03%  | 0.004%  |
| 96  | 12.345 | 3654 | 3656 | 3660 | rBV3 | 379    | 253    | 0.03%  | 0.003%  |
| 97  | 12.400 | 3670 | 3673 | 3678 | rBV2 | 394    | 370    | 0.04%  | 0.005%  |
| 98  | 13.512 | 4012 | 4019 | 4029 | rBV6 | 2994   | 4923   | 0.49%  | 0.060%  |
| 99  | 13.930 | 4146 | 4149 | 4156 | rBV3 | 450    | 554    | 0.06%  | 0.007%  |
| 100 | 14.519 | 4328 | 4332 | 4338 | rBV3 | 709    | 755    | 0.08%  | 0.009%  |

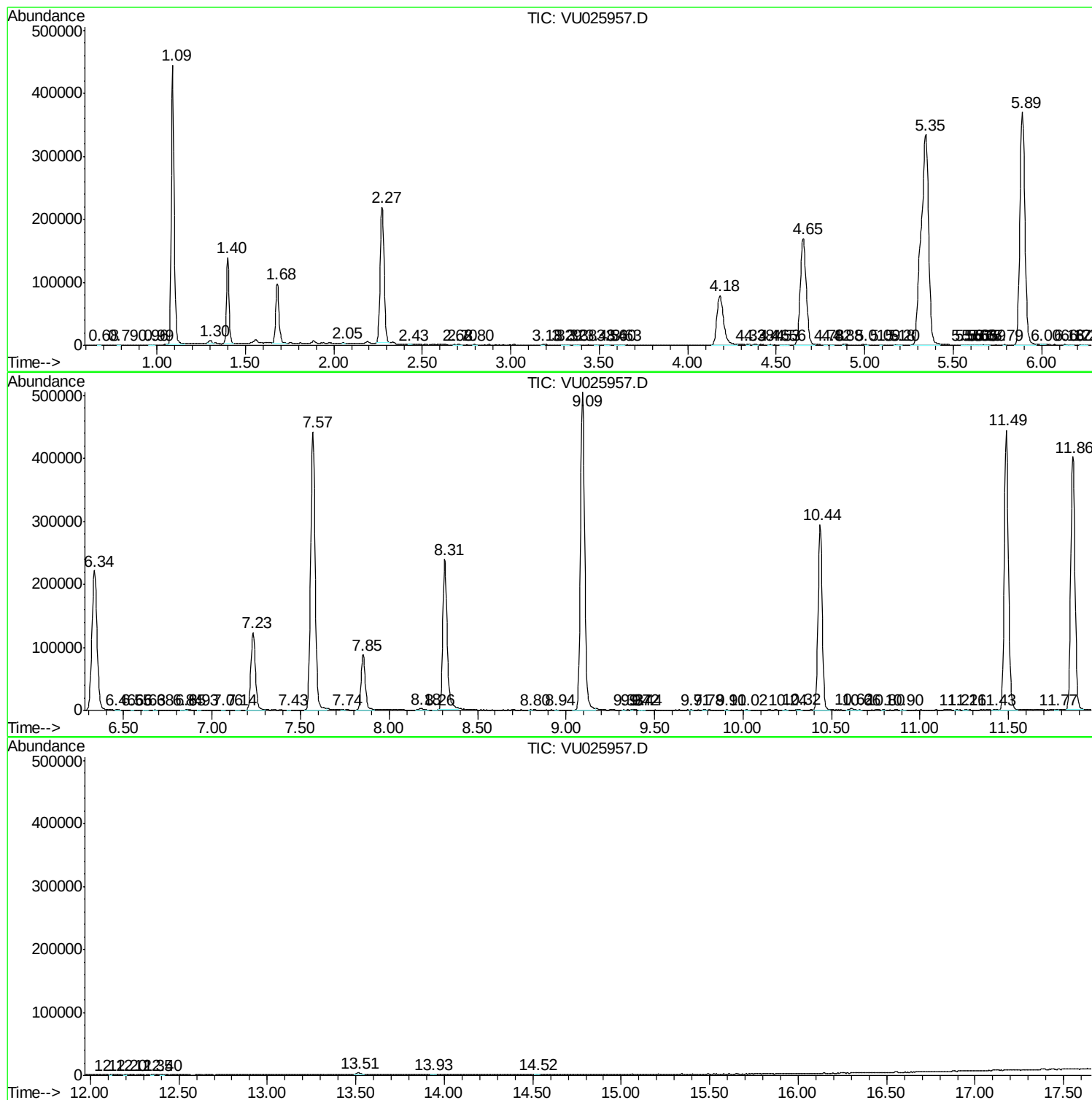
Sum of corrected areas: 8194176

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM080718WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU080718\  
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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          |