

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092418\  
 Data File : VV007823.D  
 Acq On : 24 Sep 2018 18:09  
 Operator : SY/MD  
 Sample : VV0924WBL02  
 Misc : 5.0 mL/MSVOA V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK66

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\_V\METHOD\SOMVLM092318WMA.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      | 1.322    | 66         | 72       | 95        | rVB   | 73909       | 76585      | 12.96%       | 1.539%     |
| 2      | 1.586    | 148        | 154      | 166       | rVB   | 73386       | 81225      | 13.74%       | 1.632%     |
| 3      | 2.135    | 316        | 325      | 338       | rBV   | 173398      | 243694     | 41.23%       | 4.896%     |
| 4      | 3.579    | 772        | 774      | 777       | rVB   | 181         | 91         | 0.02%        | 0.002%     |
| 5      | 3.595    | 777        | 779      | 785       | rBV   | 169         | 120        | 0.02%        | 0.002%     |
| 6      | 3.952    | 875        | 890      | 926       | rBV   | 38013       | 108202     | 18.31%       | 2.174%     |
| 7      | 4.309    | 999        | 1001     | 1005      | rBV   | 170         | 114        | 0.02%        | 0.002%     |
| 8      | 4.409    | 1015       | 1032     | 1054      | rBV2  | 99109       | 237818     | 40.24%       | 4.778%     |
| 9      | 4.714    | 1125       | 1127     | 1128      | rBV   | 151         | 85         | 0.01%        | 0.002%     |
| 10     | 4.740    | 1133       | 1135     | 1143      | rVB2  | 297         | 196        | 0.03%        | 0.004%     |
| 11     | 4.910    | 1179       | 1188     | 1194      | rBB   | 114         | 158        | 0.03%        | 0.003%     |
| 12     | 5.100    | 1229       | 1247     | 1274      | rBV2  | 245534      | 591006     | 100.00%      | 11.875%    |
| 13     | 5.370    | 1328       | 1331     | 1334      | rVB   | 143         | 86         | 0.01%        | 0.002%     |
| 14     | 5.463    | 1356       | 1360     | 1364      | rBV   | 84          | 88         | 0.01%        | 0.002%     |
| 15     | 5.515    | 1374       | 1376     | 1379      | rVB   | 173         | 78         | 0.01%        | 0.002%     |
| 16     | 5.569    | 1389       | 1393     | 1399      | rBV   | 82          | 100        | 0.02%        | 0.002%     |
| 17     | 5.598    | 1399       | 1402     | 1405      | rBV   | 96          | 62         | 0.01%        | 0.001%     |
| 18     | 5.669    | 1408       | 1424     | 1453      | rBV   | 208614      | 409254     | 69.25%       | 8.223%     |
| 19     | 5.900    | 1493       | 1496     | 1500      | rBV   | 216         | 122        | 0.02%        | 0.002%     |
| 20     | 5.923    | 1500       | 1503     | 1504      | rBV   | 84          | 52         | 0.01%        | 0.001%     |
| 21     | 5.952    | 1504       | 1512     | 1523      | rVB5  | 2959        | 5572       | 0.94%        | 0.112%     |
| 22     | 6.122    | 1550       | 1565     | 1591      | rBV   | 130589      | 264046     | 44.68%       | 5.305%     |
| 23     | 6.241    | 1601       | 1602     | 1603      | rBV   | 438         | 133        | 0.02%        | 0.003%     |
| 24     | 6.325    | 1626       | 1628     | 1638      | rVB   | 212         | 131        | 0.02%        | 0.003%     |
| 25     | 6.373    | 1638       | 1643     | 1645      | rBV   | 59          | 53         | 0.01%        | 0.001%     |
| 26     | 6.463    | 1665       | 1671     | 1675      | rBV   | 88          | 106        | 0.02%        | 0.002%     |
| 27     | 6.527    | 1688       | 1691     | 1696      | rVB2  | 239         | 191        | 0.03%        | 0.004%     |
| 28     | 6.650    | 1722       | 1729     | 1731      | rBV3  | 609         | 497        | 0.08%        | 0.010%     |
| 29     | 6.807    | 1775       | 1778     | 1781      | rBV   | 81          | 62         | 0.01%        | 0.001%     |
| 30     | 6.868    | 1793       | 1797     | 1802      | rBV   | 67          | 53         | 0.01%        | 0.001%     |
| 31     | 6.900    | 1804       | 1807     | 1808      | rBV   | 144         | 81         | 0.01%        | 0.002%     |
| 32     | 7.032    | 1837       | 1848     | 1871      | rBV2  | 66519       | 122686     | 20.76%       | 2.465%     |
| 33     | 7.244    | 1911       | 1914     | 1916      | rBV   | 162         | 84         | 0.01%        | 0.002%     |
| 34     | 7.280    | 1921       | 1925     | 1927      | rBV2  | 264         | 167        | 0.03%        | 0.003%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092318WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 7.363  | 1938 | 1951 | 1986 | rBV  | 295546 | 523294 | 88.54% | 10.514% |
| 36 | 7.608  | 2025 | 2027 | 2030 | rVB2 | 139    | 77     | 0.01%  | 0.002%  |
| 37 | 7.624  | 2030 | 2032 | 2034 | rBV2 | 116    | 50     | 0.01%  | 0.001%  |
| 38 | 7.669  | 2034 | 2046 | 2066 | rBV  | 48292  | 82503  | 13.96% | 1.658%  |
| 39 | 7.794  | 2079 | 2085 | 2088 | rBV2 | 324    | 340    | 0.06%  | 0.007%  |
| 40 | 7.820  | 2092 | 2093 | 2095 | rVB2 | 242    | 68     | 0.01%  | 0.001%  |
| 41 | 7.839  | 2095 | 2099 | 2103 | rBV2 | 165    | 181    | 0.03%  | 0.004%  |
| 42 | 7.859  | 2103 | 2105 | 2106 | rBV  | 237    | 75     | 0.01%  | 0.002%  |
| 43 | 7.910  | 2118 | 2121 | 2129 | rVB2 | 264    | 220    | 0.04%  | 0.004%  |
| 44 | 7.984  | 2140 | 2144 | 2148 | rBV3 | 359    | 430    | 0.07%  | 0.009%  |
| 45 | 8.023  | 2149 | 2156 | 2164 | rVV5 | 2716   | 3963   | 0.67%  | 0.080%  |
| 46 | 8.142  | 2180 | 2193 | 2220 | rBV  | 127795 | 253813 | 42.95% | 5.100%  |
| 47 | 8.434  | 2281 | 2284 | 2286 | rVB  | 141    | 56     | 0.01%  | 0.001%  |
| 48 | 8.534  | 2313 | 2315 | 2317 | rBV  | 121    | 51     | 0.01%  | 0.001%  |
| 49 | 8.650  | 2349 | 2351 | 2354 | rVB  | 157    | 68     | 0.01%  | 0.001%  |
| 50 | 8.695  | 2358 | 2365 | 2369 | rBV  | 82     | 114    | 0.02%  | 0.002%  |
| 51 | 8.717  | 2369 | 2372 | 2375 | rBV  | 99     | 66     | 0.01%  | 0.001%  |
| 52 | 8.797  | 2395 | 2397 | 2400 | rVB2 | 172    | 91     | 0.02%  | 0.002%  |
| 53 | 8.820  | 2400 | 2404 | 2410 | rBV  | 149    | 147    | 0.02%  | 0.003%  |
| 54 | 8.900  | 2416 | 2429 | 2459 | rBV  | 311147 | 517165 | 87.51% | 10.391% |
| 55 | 9.190  | 2511 | 2519 | 2526 | rBV2 | 996    | 1403   | 0.24%  | 0.028%  |
| 56 | 9.244  | 2533 | 2536 | 2540 | rVB  | 191    | 113    | 0.02%  | 0.002%  |
| 57 | 9.273  | 2540 | 2545 | 2550 | rBV  | 116    | 128    | 0.02%  | 0.003%  |
| 58 | 9.350  | 2566 | 2569 | 2572 | rBV  | 84     | 65     | 0.01%  | 0.001%  |
| 59 | 9.540  | 2624 | 2628 | 2629 | rBV  | 70     | 52     | 0.01%  | 0.001%  |
| 60 | 9.592  | 2638 | 2644 | 2646 | rBV3 | 614    | 588    | 0.10%  | 0.012%  |
| 61 | 9.746  | 2688 | 2692 | 2697 | rBV  | 88     | 91     | 0.02%  | 0.002%  |
| 62 | 9.813  | 2710 | 2713 | 2716 | rBV  | 111    | 71     | 0.01%  | 0.001%  |
| 63 | 9.858  | 2724 | 2727 | 2728 | rBV  | 96     | 58     | 0.01%  | 0.001%  |
| 64 | 9.916  | 2741 | 2745 | 2748 | rBV  | 184    | 94     | 0.02%  | 0.002%  |
| 65 | 9.981  | 2757 | 2765 | 2773 | rBV  | 844    | 1129   | 0.19%  | 0.023%  |
| 66 | 10.074 | 2790 | 2794 | 2800 | rBV  | 77     | 113    | 0.02%  | 0.002%  |
| 67 | 10.113 | 2802 | 2806 | 2810 | rBV  | 65     | 64     | 0.01%  | 0.001%  |
| 68 | 10.193 | 2828 | 2831 | 2837 | rBV  | 86     | 83     | 0.01%  | 0.002%  |
| 69 | 10.222 | 2837 | 2840 | 2842 | rBV  | 90     | 57     | 0.01%  | 0.001%  |
| 70 | 10.267 | 2842 | 2854 | 2881 | rBV  | 193462 | 314990 | 53.30% | 6.329%  |
| 71 | 10.479 | 2916 | 2920 | 2923 | rBV  | 115    | 78     | 0.01%  | 0.002%  |

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 Start Thrs: 0.2  
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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\_V\METHOD\SOMVLM092318WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 10.903 | 3049 | 3052 | 3057 | rBV  | 117    | 121    | 0.02%  | 0.002%  |
| 73  | 11.231 | 3146 | 3154 | 3163 | rBV4 | 2092   | 3198   | 0.54%  | 0.064%  |
| 74  | 11.299 | 3163 | 3175 | 3202 | rVB  | 333902 | 556082 | 94.09% | 11.173% |
| 75  | 11.675 | 3280 | 3292 | 3317 | rVB  | 332950 | 556472 | 94.16% | 11.181% |
| 76  | 11.801 | 3329 | 3331 | 3334 | rVB  | 152    | 64     | 0.01%  | 0.001%  |
| 77  | 11.858 | 3346 | 3349 | 3353 | rVB2 | 302    | 179    | 0.03%  | 0.004%  |
| 78  | 11.891 | 3357 | 3359 | 3365 | rBV2 | 166    | 160    | 0.03%  | 0.003%  |
| 79  | 11.916 | 3365 | 3367 | 3369 | rBV  | 113    | 82     | 0.01%  | 0.002%  |
| 80  | 11.990 | 3388 | 3390 | 3394 | rBV  | 72     | 61     | 0.01%  | 0.001%  |
| 81  | 12.022 | 3397 | 3400 | 3402 | rBV  | 157    | 119    | 0.02%  | 0.002%  |
| 82  | 12.154 | 3439 | 3441 | 3443 | rBV2 | 127    | 68     | 0.01%  | 0.001%  |
| 83  | 12.180 | 3447 | 3449 | 3451 | rBV  | 151    | 57     | 0.01%  | 0.001%  |
| 84  | 12.215 | 3459 | 3460 | 3464 | rVB  | 138    | 53     | 0.01%  | 0.001%  |
| 85  | 12.328 | 3492 | 3495 | 3498 | rVB2 | 193    | 113    | 0.02%  | 0.002%  |
| 86  | 12.357 | 3500 | 3504 | 3507 | rVB2 | 165    | 136    | 0.02%  | 0.003%  |
| 87  | 12.411 | 3518 | 3521 | 3525 | rVB2 | 136    | 97     | 0.02%  | 0.002%  |
| 88  | 12.437 | 3525 | 3529 | 3532 | rBV  | 197    | 154    | 0.03%  | 0.003%  |
| 89  | 12.527 | 3555 | 3557 | 3560 | rBV  | 138    | 85     | 0.01%  | 0.002%  |
| 90  | 12.595 | 3575 | 3578 | 3581 | rVB2 | 185    | 124    | 0.02%  | 0.002%  |
| 91  | 12.620 | 3581 | 3586 | 3589 | rBV  | 149    | 195    | 0.03%  | 0.004%  |
| 92  | 12.646 | 3592 | 3594 | 3596 | rVB  | 139    | 53     | 0.01%  | 0.001%  |
| 93  | 12.669 | 3596 | 3601 | 3603 | rBV  | 176    | 166    | 0.03%  | 0.003%  |
| 94  | 12.701 | 3603 | 3611 | 3619 | rVV2 | 2473   | 3258   | 0.55%  | 0.065%  |
| 95  | 12.756 | 3625 | 3628 | 3630 | rBV  | 175    | 136    | 0.02%  | 0.003%  |
| 96  | 12.784 | 3635 | 3637 | 3640 | rBV  | 207    | 147    | 0.02%  | 0.003%  |
| 97  | 12.926 | 3678 | 3681 | 3684 | rBV  | 277    | 246    | 0.04%  | 0.005%  |
| 98  | 12.987 | 3691 | 3700 | 3705 | rBV2 | 279    | 585    | 0.10%  | 0.012%  |
| 99  | 13.318 | 3797 | 3803 | 3813 | rVB2 | 3274   | 5003   | 0.85%  | 0.101%  |
| 100 | 13.804 | 3946 | 3954 | 3965 | rBV3 | 3320   | 4834   | 0.82%  | 0.097%  |

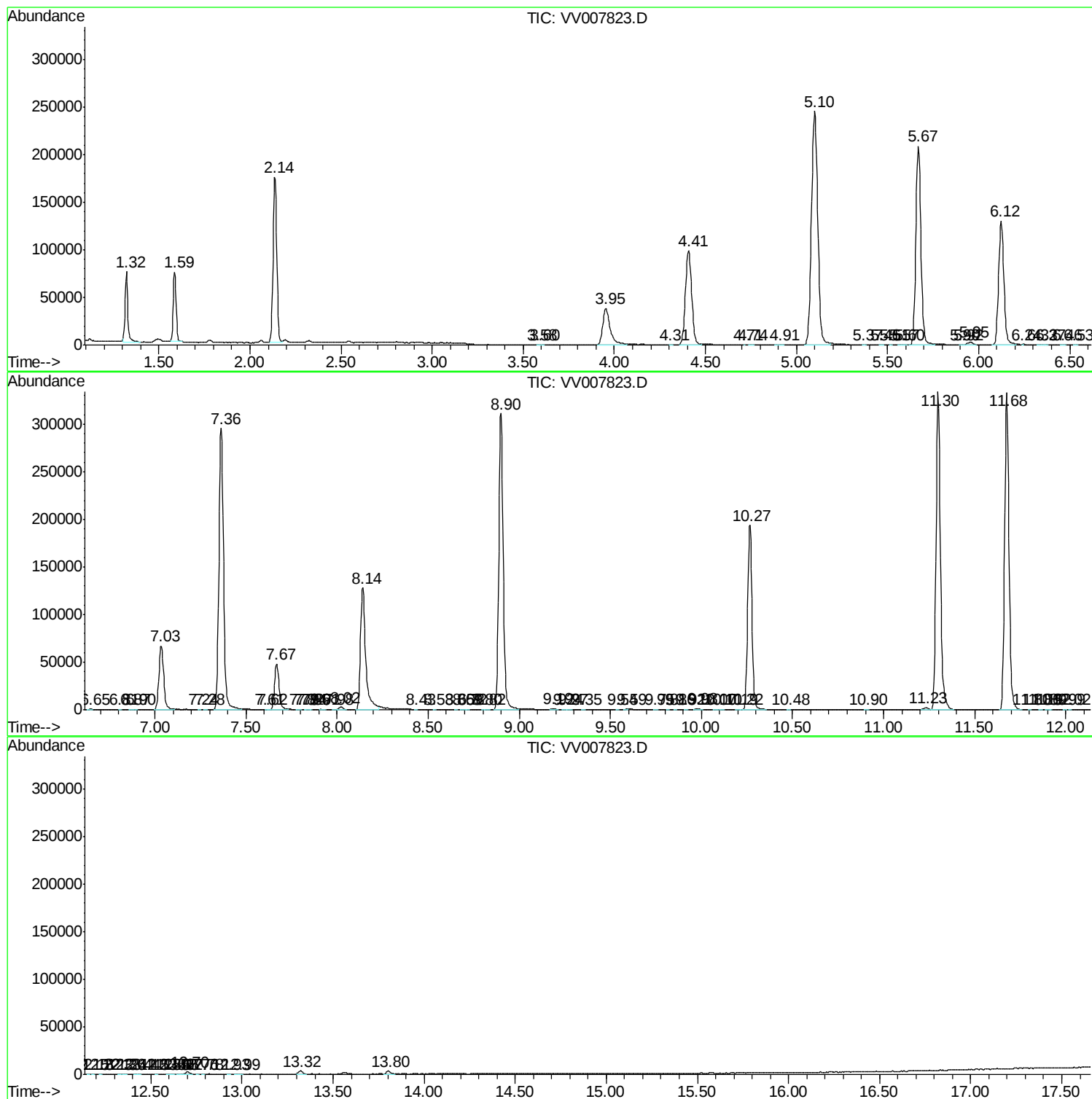
Sum of corrected areas: 4976995

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092318WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV092418\  
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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        |