

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122118\  
 Data File : VU028901.D  
 Acq On : 22 Dec 2018 02:19  
 Operator : MD/SY  
 Sample : J6542-02  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9F61

## 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\SOMULM122018WMA.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      | 1.395    | 63         | 69       | 81        | rVB   | 92167       | 90032      | 14.22%       | 1.915%     |
| 2      | 1.669    | 146        | 154      | 170       | rVB   | 68126       | 85060      | 13.43%       | 1.809%     |
| 3      | 2.267    | 329        | 340      | 353       | rBV   | 134504      | 201488     | 31.82%       | 4.286%     |
| 4      | 2.382    | 374        | 376      | 379       | rVB2  | 331         | 139        | 0.02%        | 0.003%     |
| 5      | 2.450    | 388        | 397      | 413       | rBV2  | 9138        | 16213      | 2.56%        | 0.345%     |
| 6      | 2.611    | 445        | 447      | 448       | rBV   | 271         | 116        | 0.02%        | 0.002%     |
| 7      | 2.694    | 470        | 473      | 476       | rBV2  | 223         | 179        | 0.03%        | 0.004%     |
| 8      | 2.839    | 507        | 518      | 528       | rVB2  | 2139        | 4148       | 0.66%        | 0.088%     |
| 9      | 3.164    | 617        | 619      | 622       | rVB   | 119         | 29         | 0.00%        | 0.001%     |
| 10     | 3.353    | 676        | 678      | 681       | rVB   | 192         | 72         | 0.01%        | 0.002%     |
| 11     | 3.373    | 681        | 684      | 687       | rBV   | 105         | 90         | 0.01%        | 0.002%     |
| 12     | 3.392    | 688        | 690      | 696       | rVB   | 192         | 105        | 0.02%        | 0.002%     |
| 13     | 3.453    | 707        | 709      | 713       | rBV   | 83          | 59         | 0.01%        | 0.001%     |
| 14     | 3.514    | 724        | 728      | 730       | rBV   | 88          | 64         | 0.01%        | 0.001%     |
| 15     | 3.530    | 730        | 733      | 738       | rVB   | 210         | 132        | 0.02%        | 0.003%     |
| 16     | 3.559    | 738        | 742      | 743       | rBV   | 89          | 57         | 0.01%        | 0.001%     |
| 17     | 3.566    | 743        | 744      | 745       | rVV   | 137         | 34         | 0.01%        | 0.001%     |
| 18     | 3.591    | 749        | 752      | 754       | rBV   | 88          | 57         | 0.01%        | 0.001%     |
| 19     | 3.704    | 784        | 787      | 790       | rBV   | 137         | 93         | 0.01%        | 0.002%     |
| 20     | 3.807    | 816        | 819      | 822       | rBV   | 77          | 44         | 0.01%        | 0.001%     |
| 21     | 3.878    | 838        | 841      | 845       | rVB   | 98          | 67         | 0.01%        | 0.001%     |
| 22     | 3.961    | 863        | 867      | 870       | rBV   | 129         | 116        | 0.02%        | 0.002%     |
| 23     | 4.019    | 882        | 885      | 890       | rBV   | 122         | 90         | 0.01%        | 0.002%     |
| 24     | 4.177    | 921        | 934      | 965       | rBV   | 62201       | 166050     | 26.23%       | 3.532%     |
| 25     | 4.646    | 1063       | 1080     | 1106      | rBV   | 100616      | 235808     | 37.24%       | 5.016%     |
| 26     | 4.894    | 1147       | 1157     | 1160      | rBV3  | 471         | 586        | 0.09%        | 0.012%     |
| 27     | 4.942    | 1165       | 1172     | 1174      | rBV   | 81          | 92         | 0.01%        | 0.002%     |
| 28     | 5.029    | 1194       | 1199     | 1201      | rBV   | 138         | 114        | 0.02%        | 0.002%     |
| 29     | 5.337    | 1271       | 1295     | 1324      | rBV2  | 219728      | 633167     | 100.00%      | 13.468%    |
| 30     | 5.533    | 1352       | 1356     | 1360      | rBV   | 256         | 204        | 0.03%        | 0.004%     |
| 31     | 5.591    | 1371       | 1374     | 1378      | rBV   | 177         | 102        | 0.02%        | 0.002%     |
| 32     | 5.636    | 1385       | 1388     | 1393      | rBV   | 179         | 119        | 0.02%        | 0.003%     |
| 33     | 5.723    | 1413       | 1415     | 1418      | rBV   | 85          | 59         | 0.01%        | 0.001%     |
| 34     | 5.791    | 1433       | 1436     | 1439      | rBV   | 73          | 49         | 0.01%        | 0.001%     |

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 Max Peaks: 100  
 Peak Location: TOP

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM122018WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |        |         |
|----|-------|------|------|------|------|--------|--------|--------|---------|
| 35 | 5.813 | 1440 | 1443 | 1446 | rBV  | 90     | 72     | 0.01%  | 0.002%  |
| 36 | 5.884 | 1452 | 1465 | 1493 | rBV  | 185643 | 364269 | 57.53% | 7.748%  |
| 37 | 6.193 | 1558 | 1561 | 1567 | rBV3 | 267    | 200    | 0.03%  | 0.004%  |
| 38 | 6.247 | 1576 | 1578 | 1581 | rBV  | 59     | 36     | 0.01%  | 0.001%  |
| 39 | 6.328 | 1590 | 1603 | 1623 | rBV  | 147718 | 291535 | 46.04% | 6.201%  |
| 40 | 6.443 | 1637 | 1639 | 1641 | rVB  | 124    | 30     | 0.00%  | 0.001%  |
| 41 | 6.456 | 1641 | 1643 | 1646 | rBV  | 140    | 99     | 0.02%  | 0.002%  |
| 42 | 6.630 | 1689 | 1697 | 1701 | rBV  | 130    | 143    | 0.02%  | 0.003%  |
| 43 | 6.810 | 1750 | 1753 | 1758 | rBV  | 72     | 48     | 0.01%  | 0.001%  |
| 44 | 6.829 | 1758 | 1759 | 1760 | rBV  | 120    | 34     | 0.01%  | 0.001%  |
| 45 | 6.868 | 1768 | 1771 | 1777 | rVB  | 136    | 152    | 0.02%  | 0.003%  |
| 46 | 6.897 | 1777 | 1780 | 1782 | rBV  | 61     | 34     | 0.01%  | 0.001%  |
| 47 | 6.913 | 1782 | 1785 | 1791 | rVV  | 72     | 73     | 0.01%  | 0.002%  |
| 48 | 7.045 | 1824 | 1826 | 1829 | rBV  | 136    | 46     | 0.01%  | 0.001%  |
| 49 | 7.080 | 1834 | 1837 | 1840 | rBV  | 83     | 74     | 0.01%  | 0.002%  |
| 50 | 7.170 | 1863 | 1865 | 1870 | rVB  | 176    | 98     | 0.02%  | 0.002%  |
| 51 | 7.225 | 1870 | 1882 | 1907 | rBV  | 78019  | 137733 | 21.75% | 2.930%  |
| 52 | 7.353 | 1919 | 1922 | 1924 | rBV2 | 185    | 120    | 0.02%  | 0.003%  |
| 53 | 7.398 | 1934 | 1936 | 1938 | rVB  | 147    | 60     | 0.01%  | 0.001%  |
| 54 | 7.456 | 1952 | 1954 | 1957 | rBV  | 154    | 88     | 0.01%  | 0.002%  |
| 55 | 7.504 | 1967 | 1969 | 1973 | rBV  | 271    | 152    | 0.02%  | 0.003%  |
| 56 | 7.562 | 1974 | 1987 | 2007 | rBV  | 277707 | 493950 | 78.01% | 10.507% |
| 57 | 7.787 | 2054 | 2057 | 2061 | rBV  | 167    | 111    | 0.02%  | 0.002%  |
| 58 | 7.848 | 2066 | 2076 | 2099 | rBV  | 54723  | 91762  | 14.49% | 1.952%  |
| 59 | 7.961 | 2106 | 2111 | 2114 | rVB  | 187    | 150    | 0.02%  | 0.003%  |
| 60 | 7.987 | 2118 | 2119 | 2121 | rBV  | 89     | 41     | 0.01%  | 0.001%  |
| 61 | 8.012 | 2125 | 2127 | 2130 | rBV  | 138    | 103    | 0.02%  | 0.002%  |
| 62 | 8.070 | 2143 | 2145 | 2149 | rVB  | 191    | 87     | 0.01%  | 0.002%  |
| 63 | 8.131 | 2161 | 2164 | 2168 | rBV  | 110    | 92     | 0.01%  | 0.002%  |
| 64 | 8.180 | 2168 | 2179 | 2191 | rBV2 | 2628   | 4899   | 0.77%  | 0.104%  |
| 65 | 8.221 | 2191 | 2192 | 2193 | rBV2 | 223    | 68     | 0.01%  | 0.001%  |
| 66 | 8.308 | 2208 | 2219 | 2252 | rBV  | 216948 | 368823 | 58.25% | 7.845%  |
| 67 | 8.533 | 2287 | 2289 | 2291 | rBV  | 176    | 70     | 0.01%  | 0.001%  |
| 68 | 8.569 | 2298 | 2300 | 2302 | rBV  | 98     | 53     | 0.01%  | 0.001%  |
| 69 | 8.610 | 2309 | 2313 | 2316 | rBV  | 177    | 163    | 0.03%  | 0.003%  |
| 70 | 8.627 | 2316 | 2318 | 2323 | rVB  | 208    | 109    | 0.02%  | 0.002%  |
| 71 | 8.790 | 2367 | 2369 | 2371 | rBV  | 154    | 50     | 0.01%  | 0.001%  |

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Filtering: 5  
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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\SOMULM122018WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 8.845  | 2383 | 2386 | 2389 | rBV  | 80     | 60     | 0.01%  | 0.001% |
| 73  | 9.090  | 2449 | 2462 | 2487 | rBV  | 261331 | 441318 | 69.70% | 9.387% |
| 74  | 9.237  | 2506 | 2508 | 2509 | rBV  | 128    | 33     | 0.01%  | 0.001% |
| 75  | 9.260  | 2513 | 2515 | 2519 | rBV  | 218    | 150    | 0.02%  | 0.003% |
| 76  | 9.302  | 2527 | 2528 | 2533 | rVB  | 177    | 81     | 0.01%  | 0.002% |
| 77  | 9.762  | 2669 | 2671 | 2672 | rBV  | 167    | 54     | 0.01%  | 0.001% |
| 78  | 9.858  | 2698 | 2701 | 2704 | rBV  | 135    | 118    | 0.02%  | 0.003% |
| 79  | 9.958  | 2729 | 2732 | 2740 | rVB  | 129    | 104    | 0.02%  | 0.002% |
| 80  | 10.061 | 2760 | 2764 | 2769 | rBV  | 343    | 410    | 0.06%  | 0.009% |
| 81  | 10.176 | 2798 | 2800 | 2801 | rBV  | 120    | 29     | 0.00%  | 0.001% |
| 82  | 10.202 | 2806 | 2808 | 2811 | rVB2 | 154    | 79     | 0.01%  | 0.002% |
| 83  | 10.430 | 2866 | 2879 | 2906 | rVB  | 200710 | 318981 | 50.38% | 6.785% |
| 84  | 10.549 | 2914 | 2916 | 2920 | rBV  | 164    | 88     | 0.01%  | 0.002% |
| 85  | 10.607 | 2924 | 2934 | 2942 | rBV3 | 2731   | 4139   | 0.65%  | 0.088% |
| 86  | 10.659 | 2949 | 2950 | 2951 | rBV3 | 109    | 29     | 0.00%  | 0.001% |
| 87  | 11.218 | 3122 | 3124 | 3125 | rBV3 | 154    | 48     | 0.01%  | 0.001% |
| 88  | 11.321 | 3154 | 3156 | 3159 | rVB  | 167    | 69     | 0.01%  | 0.001% |
| 89  | 11.482 | 3194 | 3206 | 3225 | rBV  | 226361 | 355297 | 56.11% | 7.557% |
| 90  | 11.594 | 3239 | 3241 | 3243 | rBV2 | 431    | 261    | 0.04%  | 0.006% |
| 91  | 11.652 | 3257 | 3259 | 3261 | rBV  | 261    | 107    | 0.02%  | 0.002% |
| 92  | 11.668 | 3262 | 3264 | 3266 | rVB  | 281    | 94     | 0.01%  | 0.002% |
| 93  | 11.688 | 3268 | 3270 | 3274 | rVB  | 289    | 126    | 0.02%  | 0.003% |
| 94  | 11.710 | 3274 | 3277 | 3280 | rVB2 | 202    | 161    | 0.03%  | 0.003% |
| 95  | 11.729 | 3280 | 3283 | 3286 | rBV  | 170    | 145    | 0.02%  | 0.003% |
| 96  | 11.858 | 3311 | 3323 | 3344 | rBV  | 239692 | 388338 | 61.33% | 8.260% |
| 97  | 12.054 | 3381 | 3384 | 3386 | rBV  | 284    | 164    | 0.03%  | 0.003% |
| 98  | 12.237 | 3439 | 3441 | 3442 | rBV  | 252    | 88     | 0.01%  | 0.002% |
| 99  | 12.668 | 3573 | 3575 | 3578 | rBV  | 242    | 167    | 0.03%  | 0.004% |
| 100 | 12.774 | 3606 | 3608 | 3611 | rVB2 | 316    | 165    | 0.03%  | 0.004% |

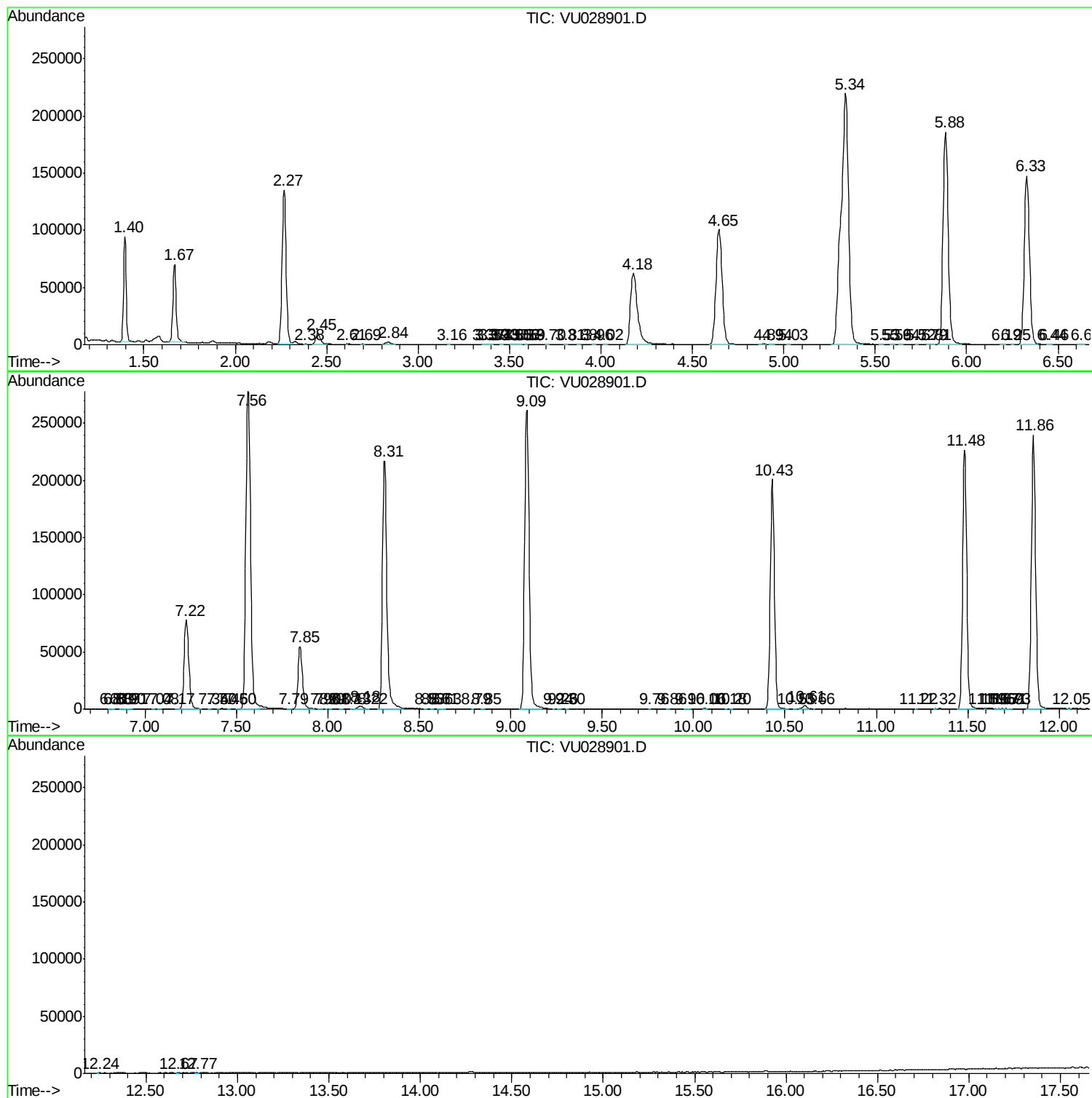
Sum of corrected areas: 4701364

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ClientSampled :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM122018WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU122118\  
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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        |