

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072519\  
 Data File : VU033434.D  
 Acq On : 26 Jul 2019 00:55  
 Operator : JC/SP  
 Sample : K3976-10  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0CA1

## 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\SOMULM071219WMA.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      | 1.177    | 24         | 27       | 31        | rBV   | 1791        | 1431       | 0.12%        | 0.016%     |
| 2      | 1.389    | 86         | 93       | 108       | rBV   | 194043      | 201516     | 17.33%       | 2.228%     |
| 3      | 1.540    | 134        | 140      | 152       | rVB   | 19476       | 25315      | 2.18%        | 0.280%     |
| 4      | 1.669    | 172        | 180      | 196       | rVB   | 154622      | 195924     | 16.85%       | 2.166%     |
| 5      | 2.254    | 352        | 362      | 376       | rVB   | 288592      | 443148     | 38.11%       | 4.899%     |
| 6      | 2.370    | 396        | 398      | 401       | rVB2  | 372         | 182        | 0.02%        | 0.002%     |
| 7      | 2.431    | 408        | 417      | 436       | rVB   | 12049       | 21567      | 1.85%        | 0.238%     |
| 8      | 2.576    | 459        | 462      | 464       | rBV3  | 448         | 278        | 0.02%        | 0.003%     |
| 9      | 2.723    | 502        | 508      | 510       | rBV3  | 198         | 170        | 0.01%        | 0.002%     |
| 10     | 2.817    | 525        | 537      | 554       | rVB   | 8934        | 18322      | 1.58%        | 0.203%     |
| 11     | 2.977    | 577        | 587      | 602       | rVB4  | 5436        | 10976      | 0.94%        | 0.121%     |
| 12     | 3.080    | 617        | 619      | 622       | rBV2  | 241         | 170        | 0.01%        | 0.002%     |
| 13     | 3.119    | 627        | 631      | 633       | rVB2  | 203         | 172        | 0.01%        | 0.002%     |
| 14     | 3.157    | 641        | 643      | 646       | rBV   | 218         | 162        | 0.01%        | 0.002%     |
| 15     | 3.903    | 873        | 875      | 880       | rVV   | 297         | 195        | 0.02%        | 0.002%     |
| 16     | 3.926    | 880        | 882      | 886       | rVB   | 300         | 231        | 0.02%        | 0.003%     |
| 17     | 3.952    | 886        | 890      | 892       | rBV   | 369         | 272        | 0.02%        | 0.003%     |
| 18     | 3.984    | 896        | 900      | 903       | rVV   | 261         | 167        | 0.01%        | 0.002%     |
| 19     | 4.151    | 938        | 952      | 989       | rBV   | 99742       | 291568     | 25.07%       | 3.223%     |
| 20     | 4.366    | 1010       | 1019     | 1040      | rVB3  | 8236        | 21510      | 1.85%        | 0.238%     |
| 21     | 4.624    | 1079       | 1099     | 1125      | rBV   | 187794      | 470411     | 40.45%       | 5.200%     |
| 22     | 4.772    | 1143       | 1145     | 1149      | rVB3  | 406         | 325        | 0.03%        | 0.004%     |
| 23     | 4.794    | 1149       | 1152     | 1155      | rVB2  | 367         | 225        | 0.02%        | 0.002%     |
| 24     | 4.823    | 1155       | 1161     | 1163      | rBV3  | 402         | 395        | 0.03%        | 0.004%     |
| 25     | 4.839    | 1163       | 1166     | 1167      | rVV   | 529         | 247        | 0.02%        | 0.003%     |
| 26     | 4.865    | 1167       | 1174     | 1181      | rVV4  | 908         | 1553       | 0.13%        | 0.017%     |
| 27     | 4.955    | 1199       | 1202     | 1205      | rVB   | 316         | 197        | 0.02%        | 0.002%     |
| 28     | 5.209    | 1277       | 1281     | 1285      | rVV2  | 157         | 163        | 0.01%        | 0.002%     |
| 29     | 5.315    | 1291       | 1314     | 1341      | rBV2  | 390144      | 1162907    | 100.00%      | 12.856%    |
| 30     | 5.524    | 1377       | 1379     | 1383      | rBV2  | 273         | 227        | 0.02%        | 0.003%     |
| 31     | 5.572    | 1392       | 1394     | 1399      | rVB2  | 329         | 209        | 0.02%        | 0.002%     |
| 32     | 5.723    | 1438       | 1441     | 1444      | rBV2  | 304         | 239        | 0.02%        | 0.003%     |
| 33     | 5.817    | 1466       | 1470     | 1471      | rBV2  | 246         | 174        | 0.01%        | 0.002%     |
| 34     | 5.865    | 1471       | 1485     | 1514      | rBV   | 326658      | 654020     | 56.24%       | 7.230%     |

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 Max Peaks: 100  
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM071219WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 6.109  | 1559 | 1561 | 1565 | rVB4 | 300    | 197    | 0.02%  | 0.002%  |
| 36 | 6.167  | 1565 | 1579 | 1597 | rBV2 | 26773  | 53578  | 4.61%  | 0.592%  |
| 37 | 6.308  | 1608 | 1623 | 1647 | rBV2 | 255920 | 520075 | 44.72% | 5.749%  |
| 38 | 6.495  | 1677 | 1681 | 1683 | rBV4 | 417    | 309    | 0.03%  | 0.003%  |
| 39 | 6.508  | 1683 | 1685 | 1687 | rVB  | 328    | 157    | 0.01%  | 0.002%  |
| 40 | 6.688  | 1739 | 1741 | 1745 | rVV3 | 197    | 158    | 0.01%  | 0.002%  |
| 41 | 6.707  | 1745 | 1747 | 1753 | rVB  | 265    | 175    | 0.02%  | 0.002%  |
| 42 | 6.852  | 1788 | 1792 | 1795 | rBV3 | 535    | 378    | 0.03%  | 0.004%  |
| 43 | 7.209  | 1890 | 1903 | 1922 | rBV  | 135290 | 244570 | 21.03% | 2.704%  |
| 44 | 7.546  | 1994 | 2008 | 2038 | rBV  | 514784 | 919641 | 79.08% | 10.166% |
| 45 | 7.833  | 2086 | 2097 | 2121 | rBV  | 95377  | 165523 | 14.23% | 1.830%  |
| 46 | 8.009  | 2148 | 2152 | 2153 | rBV  | 265    | 159    | 0.01%  | 0.002%  |
| 47 | 8.090  | 2174 | 2177 | 2179 | rBV2 | 431    | 256    | 0.02%  | 0.003%  |
| 48 | 8.167  | 2191 | 2201 | 2206 | rBV2 | 1285   | 2254   | 0.19%  | 0.025%  |
| 49 | 8.209  | 2206 | 2214 | 2228 | rVB  | 12172  | 19949  | 1.72%  | 0.221%  |
| 50 | 8.296  | 2228 | 2241 | 2275 | rBV  | 307201 | 564058 | 48.50% | 6.236%  |
| 51 | 8.479  | 2294 | 2298 | 2301 | rVB3 | 444    | 340    | 0.03%  | 0.004%  |
| 52 | 8.569  | 2324 | 2326 | 2329 | rVB  | 447    | 240    | 0.02%  | 0.003%  |
| 53 | 8.623  | 2340 | 2343 | 2346 | rBV3 | 430    | 257    | 0.02%  | 0.003%  |
| 54 | 8.652  | 2348 | 2352 | 2355 | rVB2 | 429    | 328    | 0.03%  | 0.004%  |
| 55 | 8.694  | 2360 | 2365 | 2369 | rBV3 | 346    | 334    | 0.03%  | 0.004%  |
| 56 | 8.717  | 2369 | 2372 | 2375 | rBV2 | 223    | 162    | 0.01%  | 0.002%  |
| 57 | 8.951  | 2441 | 2445 | 2448 | rVV  | 373    | 251    | 0.02%  | 0.003%  |
| 58 | 8.974  | 2448 | 2452 | 2454 | rVV2 | 191    | 164    | 0.01%  | 0.002%  |
| 59 | 8.987  | 2454 | 2456 | 2462 | rVB  | 184    | 157    | 0.01%  | 0.002%  |
| 60 | 9.070  | 2467 | 2482 | 2524 | rBV  | 492845 | 844630 | 72.63% | 9.337%  |
| 61 | 9.357  | 2567 | 2571 | 2573 | rBV  | 285    | 223    | 0.02%  | 0.002%  |
| 62 | 9.376  | 2573 | 2577 | 2578 | rVV  | 319    | 213    | 0.02%  | 0.002%  |
| 63 | 9.488  | 2606 | 2612 | 2616 | rBV2 | 196    | 231    | 0.02%  | 0.003%  |
| 64 | 9.598  | 2640 | 2646 | 2648 | rBV2 | 280    | 185    | 0.02%  | 0.002%  |
| 65 | 9.723  | 2681 | 2685 | 2687 | rBV2 | 285    | 167    | 0.01%  | 0.002%  |
| 66 | 9.829  | 2715 | 2718 | 2723 | rBV3 | 265    | 201    | 0.02%  | 0.002%  |
| 67 | 10.074 | 2790 | 2794 | 2800 | rBV2 | 218    | 202    | 0.02%  | 0.002%  |
| 68 | 10.141 | 2811 | 2815 | 2818 | rVV2 | 256    | 174    | 0.01%  | 0.002%  |
| 69 | 10.289 | 2857 | 2861 | 2863 | rBV2 | 187    | 193    | 0.02%  | 0.002%  |
| 70 | 10.315 | 2866 | 2869 | 2873 | rVV  | 263    | 167    | 0.01%  | 0.002%  |
| 71 | 10.360 | 2877 | 2883 | 2886 | rBV2 | 275    | 278    | 0.02%  | 0.003%  |

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 Start Thrs: 0.2  
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Filtering: 5  
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM071219WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 10.414 | 2888 | 2900 | 2921 | rBV  | 381723 | 609073 | 52.38% | 6.733% |
| 73  | 10.594 | 2949 | 2956 | 2964 | rBV5 | 1109   | 1675   | 0.14%  | 0.019% |
| 74  | 10.688 | 2979 | 2985 | 2987 | rBV  | 241    | 247    | 0.02%  | 0.003% |
| 75  | 10.781 | 3011 | 3014 | 3017 | rVV2 | 456    | 299    | 0.03%  | 0.003% |
| 76  | 10.877 | 3039 | 3044 | 3046 | rBV3 | 189    | 164    | 0.01%  | 0.002% |
| 77  | 10.926 | 3055 | 3059 | 3060 | rBV  | 303    | 168    | 0.01%  | 0.002% |
| 78  | 10.980 | 3072 | 3076 | 3078 | rBV2 | 298    | 203    | 0.02%  | 0.002% |
| 79  | 11.074 | 3102 | 3105 | 3109 | rVB2 | 308    | 179    | 0.02%  | 0.002% |
| 80  | 11.312 | 3176 | 3179 | 3183 | rBV  | 242    | 215    | 0.02%  | 0.002% |
| 81  | 11.376 | 3196 | 3199 | 3201 | rBV3 | 256    | 181    | 0.02%  | 0.002% |
| 82  | 11.469 | 3216 | 3228 | 3247 | rBV  | 466498 | 742450 | 63.84% | 8.208% |
| 83  | 11.681 | 3290 | 3294 | 3296 | rBV3 | 290    | 219    | 0.02%  | 0.002% |
| 84  | 11.717 | 3303 | 3305 | 3309 | rBV  | 347    | 247    | 0.02%  | 0.003% |
| 85  | 11.736 | 3309 | 3311 | 3314 | rBV2 | 321    | 204    | 0.02%  | 0.002% |
| 86  | 11.845 | 3330 | 3345 | 3364 | rBV  | 503508 | 821675 | 70.66% | 9.083% |
| 87  | 12.035 | 3402 | 3404 | 3406 | rBV  | 417    | 213    | 0.02%  | 0.002% |
| 88  | 12.122 | 3428 | 3431 | 3434 | rVB2 | 329    | 170    | 0.01%  | 0.002% |
| 89  | 12.173 | 3444 | 3447 | 3449 | rVB2 | 389    | 208    | 0.02%  | 0.002% |
| 90  | 12.189 | 3449 | 3452 | 3455 | rBV3 | 398    | 287    | 0.02%  | 0.003% |
| 91  | 12.212 | 3455 | 3459 | 3460 | rBV3 | 290    | 171    | 0.01%  | 0.002% |
| 92  | 12.466 | 3533 | 3538 | 3541 | rBV2 | 465    | 483    | 0.04%  | 0.005% |
| 93  | 12.565 | 3565 | 3569 | 3570 | rBV  | 300    | 232    | 0.02%  | 0.003% |
| 94  | 12.945 | 3684 | 3687 | 3693 | rVB3 | 483    | 420    | 0.04%  | 0.005% |
| 95  | 13.475 | 3849 | 3852 | 3854 | rBV  | 306    | 201    | 0.02%  | 0.002% |
| 96  | 13.578 | 3882 | 3884 | 3886 | rBV2 | 375    | 161    | 0.01%  | 0.002% |
| 97  | 13.614 | 3893 | 3895 | 3899 | rVB3 | 362    | 212    | 0.02%  | 0.002% |
| 98  | 13.858 | 3969 | 3971 | 3973 | rBV2 | 423    | 218    | 0.02%  | 0.002% |
| 99  | 14.048 | 4028 | 4030 | 4033 | rBV2 | 366    | 232    | 0.02%  | 0.003% |
| 100 | 14.340 | 4117 | 4121 | 4122 | rBV  | 558    | 321    | 0.03%  | 0.004% |

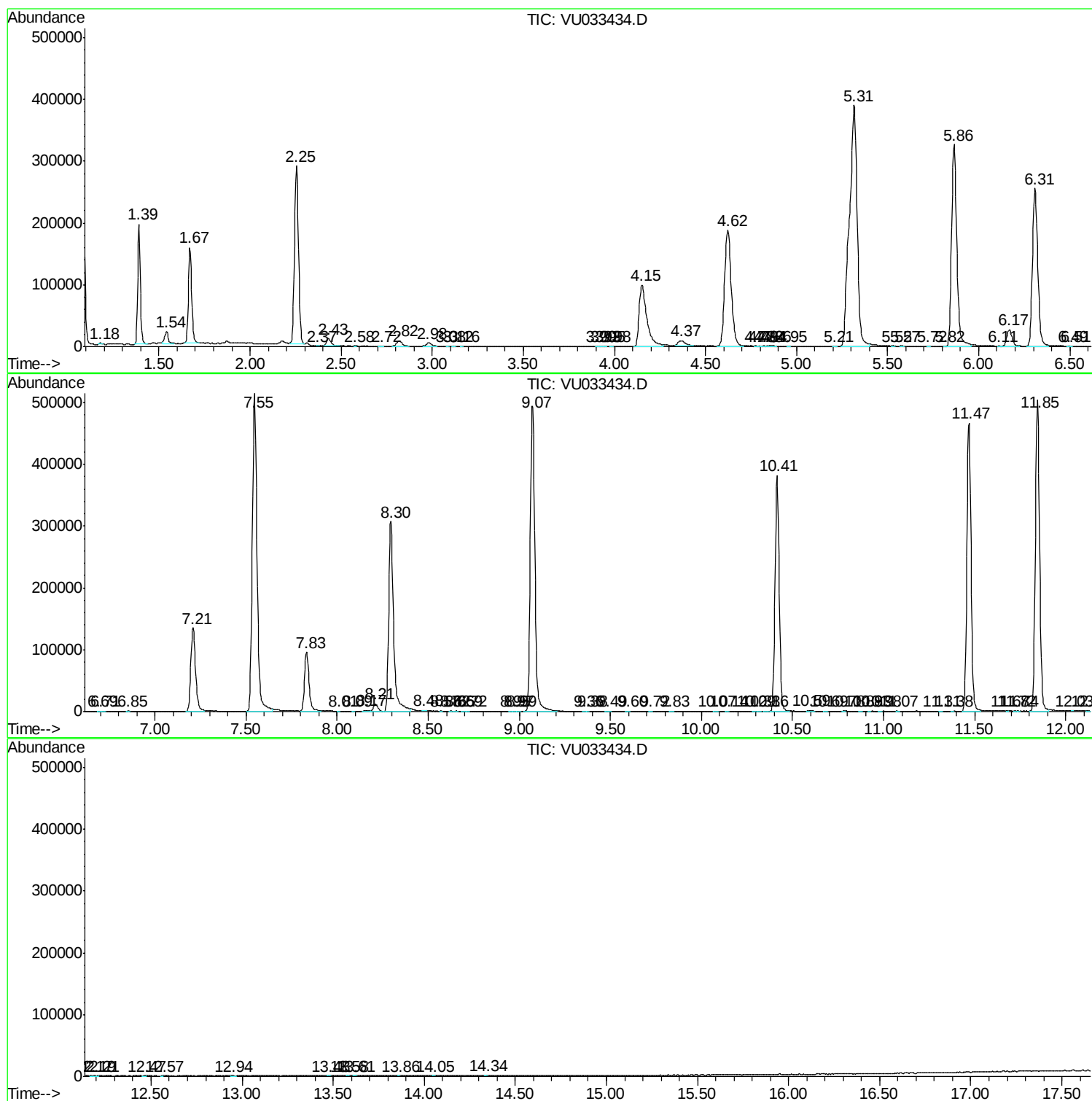
Sum of corrected areas: 9045830

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Instrument :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM071219WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU072519\  
Data File : VU033434.D  
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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        |