

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU081219\  
 Data File : VU033768.D  
 Acq On : 12 Aug 2019 13:52  
 Operator : JC/SP  
 Sample : VIBLK40  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VIBLK40

## 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\SOMULM080919WMA.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      | 1.389    | 86         | 93       | 106       | rVB   | 232912      | 245364     | 17.64%       | 2.252%     |
| 2      | 1.669    | 173        | 180      | 194       | rVB   | 188232      | 228039     | 16.39%       | 2.093%     |
| 3      | 2.177    | 332        | 338      | 347       | rVB3  | 4421        | 5878       | 0.42%        | 0.054%     |
| 4      | 2.257    | 353        | 363      | 377       | rVB   | 346364      | 531523     | 38.21%       | 4.878%     |
| 5      | 2.370    | 395        | 398      | 404       | rVB2  | 595         | 596        | 0.04%        | 0.005%     |
| 6      | 2.466    | 426        | 428      | 430       | rVV3  | 519         | 280        | 0.02%        | 0.003%     |
| 7      | 2.685    | 490        | 496      | 504       | rVV5  | 1403        | 2389       | 0.17%        | 0.022%     |
| 8      | 2.817    | 525        | 537      | 552       | rVB   | 4130        | 8641       | 0.62%        | 0.079%     |
| 9      | 2.974    | 579        | 586      | 592       | rBV2  | 696         | 781        | 0.06%        | 0.007%     |
| 10     | 3.067    | 612        | 615      | 620       | rVB3  | 459         | 413        | 0.03%        | 0.004%     |
| 11     | 3.112    | 620        | 629      | 632       | rBV3  | 413         | 375        | 0.03%        | 0.003%     |
| 12     | 3.135    | 632        | 636      | 639       | rBV2  | 470         | 372        | 0.03%        | 0.003%     |
| 13     | 3.366    | 704        | 708      | 713       | rVB3  | 442         | 334        | 0.02%        | 0.003%     |
| 14     | 3.453    | 732        | 735      | 740       | rVB3  | 350         | 251        | 0.02%        | 0.002%     |
| 15     | 3.495    | 740        | 748      | 752       | rBV4  | 431         | 436        | 0.03%        | 0.004%     |
| 16     | 3.553    | 759        | 766      | 768       | rBV3  | 442         | 376        | 0.03%        | 0.003%     |
| 17     | 3.646    | 787        | 795      | 798       | rBV2  | 380         | 440        | 0.03%        | 0.004%     |
| 18     | 3.665    | 798        | 801      | 806       | rVB3  | 340         | 329        | 0.02%        | 0.003%     |
| 19     | 3.694    | 806        | 810      | 813       | rBV2  | 299         | 253        | 0.02%        | 0.002%     |
| 20     | 3.730    | 818        | 821      | 826       | rBV   | 259         | 274        | 0.02%        | 0.003%     |
| 21     | 3.800    | 840        | 843      | 848       | rVB2  | 356         | 278        | 0.02%        | 0.003%     |
| 22     | 4.009    | 903        | 908      | 912       | rVB3  | 394         | 316        | 0.02%        | 0.003%     |
| 23     | 4.083    | 928        | 931      | 934       | rBV   | 360         | 322        | 0.02%        | 0.003%     |
| 24     | 4.151    | 940        | 952      | 982       | rBV   | 111340      | 329172     | 23.66%       | 3.021%     |
| 25     | 4.479    | 1051       | 1054     | 1061      | rBV3  | 495         | 510        | 0.04%        | 0.005%     |
| 26     | 4.620    | 1081       | 1098     | 1125      | rBV   | 235470      | 560087     | 40.26%       | 5.140%     |
| 27     | 4.862    | 1167       | 1173     | 1179      | rVB7  | 975         | 1232       | 0.09%        | 0.011%     |
| 28     | 4.952    | 1195       | 1201     | 1204      | rBV3  | 653         | 801        | 0.06%        | 0.007%     |
| 29     | 5.222    | 1281       | 1285     | 1289      | rVB   | 364         | 278        | 0.02%        | 0.003%     |
| 30     | 5.318    | 1289       | 1315     | 1339      | rBV2  | 476978      | 1391070    | 100.00%      | 12.766%    |
| 31     | 5.466    | 1357       | 1361     | 1363      | rBV2  | 500         | 378        | 0.03%        | 0.003%     |
| 32     | 5.517    | 1372       | 1377     | 1382      | rBV2  | 565         | 754        | 0.05%        | 0.007%     |
| 33     | 5.688    | 1426       | 1430     | 1432      | rBV2  | 434         | 346        | 0.02%        | 0.003%     |
| 34     | 5.720    | 1435       | 1440     | 1443      | rBV2  | 477         | 457        | 0.03%        | 0.004%     |

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM080919WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |       |        |         |        |         |
|----|-------|------|------|------|-------|--------|---------|--------|---------|
| 35 | 5.865 | 1470 | 1485 | 1514 | rBV2  | 460026 | 917864  | 65.98% | 8.424%  |
| 36 | 6.042 | 1538 | 1540 | 1543 | rBV2  | 647    | 506     | 0.04%  | 0.005%  |
| 37 | 6.164 | 1565 | 1578 | 1594 | rVB10 | 11279  | 25084   | 1.80%  | 0.230%  |
| 38 | 6.308 | 1609 | 1623 | 1644 | rBV   | 310793 | 627766  | 45.13% | 5.761%  |
| 39 | 6.431 | 1658 | 1661 | 1666 | rBV4  | 763    | 743     | 0.05%  | 0.007%  |
| 40 | 6.627 | 1718 | 1722 | 1724 | rVB3  | 410    | 297     | 0.02%  | 0.003%  |
| 41 | 6.697 | 1738 | 1744 | 1747 | rVB2  | 364    | 286     | 0.02%  | 0.003%  |
| 42 | 6.733 | 1750 | 1755 | 1758 | rBV2  | 440    | 349     | 0.03%  | 0.003%  |
| 43 | 6.926 | 1810 | 1815 | 1818 | rBV3  | 481    | 377     | 0.03%  | 0.003%  |
| 44 | 6.993 | 1832 | 1836 | 1839 | rBV2  | 291    | 250     | 0.02%  | 0.002%  |
| 45 | 7.029 | 1844 | 1847 | 1851 | rBV   | 450    | 428     | 0.03%  | 0.004%  |
| 46 | 7.135 | 1877 | 1880 | 1886 | rVB2  | 389    | 392     | 0.03%  | 0.004%  |
| 47 | 7.209 | 1891 | 1903 | 1930 | rBV2  | 150075 | 280172  | 20.14% | 2.571%  |
| 48 | 7.392 | 1958 | 1960 | 1964 | rBV2  | 518    | 308     | 0.02%  | 0.003%  |
| 49 | 7.546 | 1990 | 2008 | 2030 | rBV   | 619420 | 1070594 | 76.96% | 9.825%  |
| 50 | 7.778 | 2078 | 2080 | 2086 | rVB4  | 466    | 417     | 0.03%  | 0.004%  |
| 51 | 7.832 | 2086 | 2097 | 2119 | rBV   | 105564 | 190950  | 13.73% | 1.752%  |
| 52 | 8.003 | 2146 | 2150 | 2152 | rBV2  | 650    | 346     | 0.02%  | 0.003%  |
| 53 | 8.016 | 2152 | 2154 | 2157 | rVV2  | 509    | 306     | 0.02%  | 0.003%  |
| 54 | 8.038 | 2159 | 2161 | 2165 | rVB2  | 487    | 282     | 0.02%  | 0.003%  |
| 55 | 8.074 | 2168 | 2172 | 2178 | rBV2  | 585    | 580     | 0.04%  | 0.005%  |
| 56 | 8.212 | 2205 | 2215 | 2227 | rVB4  | 12892  | 23197   | 1.67%  | 0.213%  |
| 57 | 8.295 | 2227 | 2241 | 2274 | rBV   | 336112 | 619893  | 44.56% | 5.689%  |
| 58 | 8.607 | 2328 | 2338 | 2345 | rBV8  | 2028   | 3961    | 0.28%  | 0.036%  |
| 59 | 8.720 | 2369 | 2373 | 2377 | rVB   | 421    | 301     | 0.02%  | 0.003%  |
| 60 | 8.742 | 2377 | 2380 | 2383 | rBV3  | 446    | 360     | 0.03%  | 0.003%  |
| 61 | 8.820 | 2400 | 2404 | 2407 | rBV2  | 385    | 282     | 0.02%  | 0.003%  |
| 62 | 8.845 | 2411 | 2412 | 2420 | rVV3  | 432    | 326     | 0.02%  | 0.003%  |
| 63 | 8.900 | 2426 | 2429 | 2432 | rVV   | 493    | 311     | 0.02%  | 0.003%  |
| 64 | 8.967 | 2447 | 2450 | 2455 | rVB2  | 380    | 323     | 0.02%  | 0.003%  |
| 65 | 9.009 | 2460 | 2463 | 2466 | rBV2  | 449    | 354     | 0.03%  | 0.003%  |
| 66 | 9.070 | 2470 | 2482 | 2514 | rBV   | 694386 | 1162757 | 83.59% | 10.671% |
| 67 | 9.337 | 2561 | 2565 | 2566 | rVV3  | 419    | 274     | 0.02%  | 0.003%  |
| 68 | 9.363 | 2569 | 2573 | 2578 | rVB4  | 589    | 674     | 0.05%  | 0.006%  |
| 69 | 9.418 | 2583 | 2590 | 2592 | rBV4  | 508    | 544     | 0.04%  | 0.005%  |
| 70 | 9.472 | 2604 | 2607 | 2610 | rBV2  | 398    | 252     | 0.02%  | 0.002%  |
| 71 | 9.594 | 2643 | 2645 | 2652 | rVB3  | 471    | 364     | 0.03%  | 0.003%  |

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Instrument :  
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 Start Thrs: 0.2  
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Filtering: 5  
 Min Area: 0 % of largest Peak  
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 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM080919WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 9.729  | 2682 | 2687 | 2690 | rVV2 | 330    | 315     | 0.02%  | 0.003% |
| 73  | 9.771  | 2697 | 2700 | 2703 | rVB3 | 453    | 261     | 0.02%  | 0.002% |
| 74  | 9.800  | 2703 | 2709 | 2712 | rBV2 | 537    | 451     | 0.03%  | 0.004% |
| 75  | 10.157 | 2817 | 2820 | 2825 | rBV4 | 448    | 333     | 0.02%  | 0.003% |
| 76  | 10.273 | 2854 | 2856 | 2860 | rVB3 | 424    | 241     | 0.02%  | 0.002% |
| 77  | 10.414 | 2887 | 2900 | 2921 | rBV  | 428059 | 687883  | 49.45% | 6.313% |
| 78  | 10.562 | 2944 | 2946 | 2955 | rVB4 | 496    | 520     | 0.04%  | 0.005% |
| 79  | 10.774 | 3008 | 3012 | 3017 | rBV3 | 400    | 433     | 0.03%  | 0.004% |
| 80  | 10.890 | 3045 | 3048 | 3051 | rBV  | 540    | 395     | 0.03%  | 0.004% |
| 81  | 10.922 | 3056 | 3058 | 3062 | rBV  | 416    | 273     | 0.02%  | 0.003% |
| 82  | 10.983 | 3072 | 3077 | 3080 | rBV2 | 334    | 358     | 0.03%  | 0.003% |
| 83  | 11.032 | 3089 | 3092 | 3095 | rBV3 | 325    | 249     | 0.02%  | 0.002% |
| 84  | 11.125 | 3118 | 3121 | 3125 | rBV3 | 474    | 375     | 0.03%  | 0.003% |
| 85  | 11.151 | 3125 | 3129 | 3132 | rBV3 | 447    | 357     | 0.03%  | 0.003% |
| 86  | 11.186 | 3136 | 3140 | 3141 | rBV2 | 427    | 278     | 0.02%  | 0.003% |
| 87  | 11.360 | 3192 | 3194 | 3197 | rBV  | 433    | 249     | 0.02%  | 0.002% |
| 88  | 11.466 | 3215 | 3227 | 3252 | rBV  | 635099 | 1013982 | 72.89% | 9.306% |
| 89  | 11.749 | 3312 | 3315 | 3319 | rVB4 | 702    | 419     | 0.03%  | 0.004% |
| 90  | 11.842 | 3326 | 3344 | 3362 | rBV  | 569720 | 938730  | 67.48% | 8.615% |
| 91  | 12.096 | 3421 | 3423 | 3427 | rVB2 | 511    | 247     | 0.02%  | 0.002% |
| 92  | 12.173 | 3445 | 3447 | 3450 | rBV2 | 641    | 348     | 0.03%  | 0.003% |
| 93  | 12.299 | 3483 | 3486 | 3491 | rBV2 | 585    | 650     | 0.05%  | 0.006% |
| 94  | 12.389 | 3510 | 3514 | 3520 | rBV3 | 526    | 601     | 0.04%  | 0.006% |
| 95  | 12.536 | 3554 | 3560 | 3561 | rBV3 | 647    | 742     | 0.05%  | 0.007% |
| 96  | 12.713 | 3612 | 3615 | 3618 | rBV2 | 422    | 285     | 0.02%  | 0.003% |
| 97  | 12.861 | 3657 | 3661 | 3665 | rBV3 | 510    | 459     | 0.03%  | 0.004% |
| 98  | 12.967 | 3689 | 3694 | 3697 | rBV3 | 556    | 645     | 0.05%  | 0.006% |
| 99  | 13.144 | 3746 | 3749 | 3753 | rVB4 | 462    | 304     | 0.02%  | 0.003% |
| 100 | 14.369 | 4128 | 4130 | 4133 | rBV2 | 490    | 248     | 0.02%  | 0.002% |

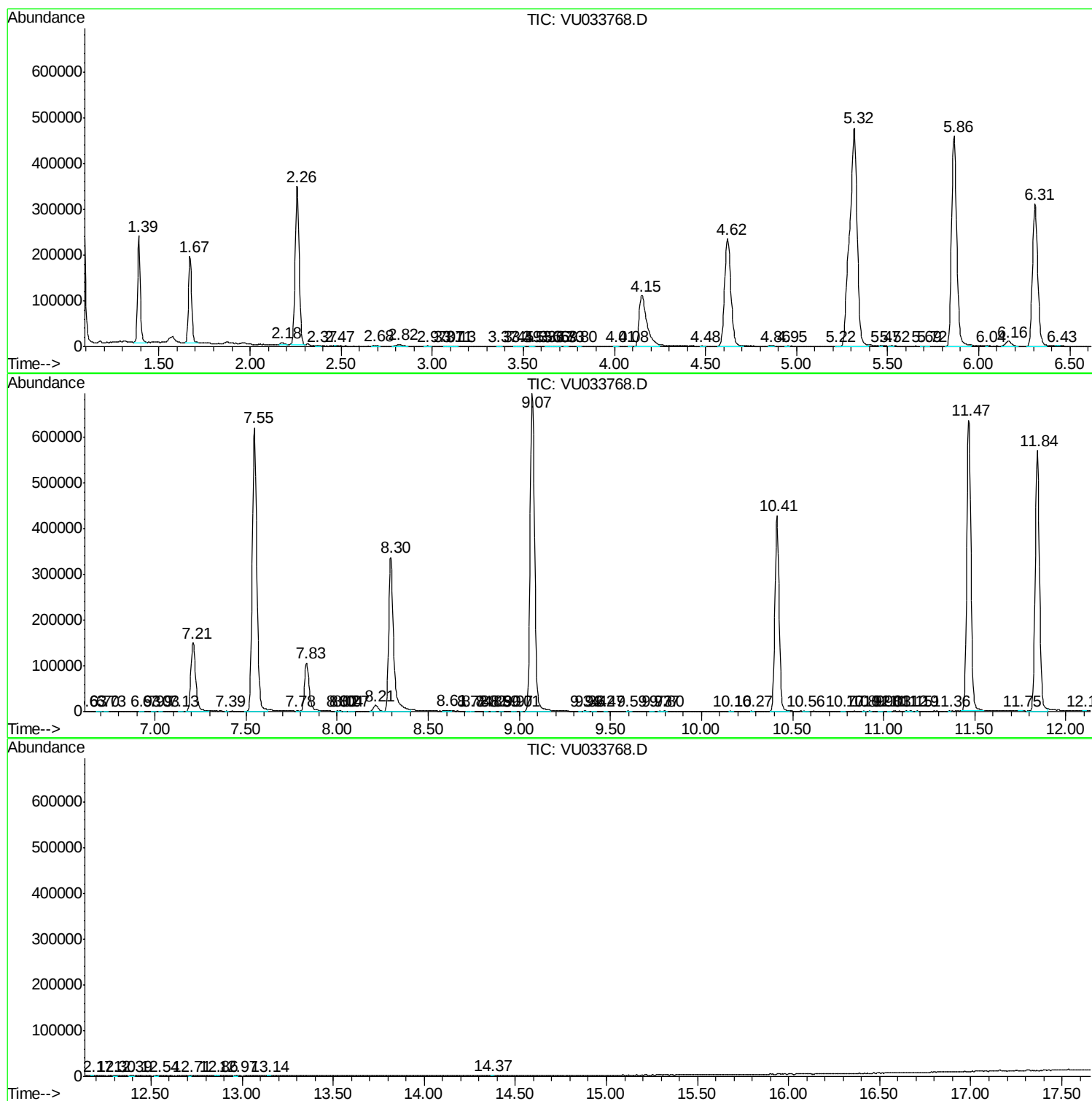
Sum of corrected areas: 10896446

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM080919WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU081219\  
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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        |