

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU080919\  
 Data File : VU033698.D  
 Acq On : 09 Aug 2019 21:19  
 Operator : JC/SP  
 Sample : K4202-11  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F2B26

## 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    | 87         | 93       | 110       | rVB   | 188494      | 205665     | 13.73%       | 1.738%     |
| 2      | 1.669    | 173        | 180      | 194       | rVB   | 187742      | 227494     | 15.19%       | 1.923%     |
| 3      | 2.257    | 352        | 363      | 376       | rBV   | 321062      | 490391     | 32.75%       | 4.144%     |
| 4      | 2.463    | 422        | 427      | 437       | rVB2  | 1955        | 2542       | 0.17%        | 0.021%     |
| 5      | 2.508    | 437        | 441      | 444       | rBV3  | 322         | 231        | 0.02%        | 0.002%     |
| 6      | 2.685    | 491        | 496      | 503       | rVB4  | 824         | 880        | 0.06%        | 0.007%     |
| 7      | 2.717    | 503        | 506      | 511       | rBV2  | 254         | 235        | 0.02%        | 0.002%     |
| 8      | 2.820    | 534        | 538      | 539       | rBV   | 579         | 325        | 0.02%        | 0.003%     |
| 9      | 2.859    | 547        | 550      | 556       | rVB2  | 318         | 274        | 0.02%        | 0.002%     |
| 10     | 2.929    | 567        | 572      | 576       | rBV2  | 323         | 365        | 0.02%        | 0.003%     |
| 11     | 2.971    | 577        | 585      | 590       | rVB5  | 981         | 1508       | 0.10%        | 0.013%     |
| 12     | 2.997    | 590        | 593      | 599       | rBV3  | 320         | 279        | 0.02%        | 0.002%     |
| 13     | 3.084    | 616        | 620      | 627       | rVB2  | 329         | 399        | 0.03%        | 0.003%     |
| 14     | 3.283    | 679        | 682      | 689       | rVB2  | 288         | 265        | 0.02%        | 0.002%     |
| 15     | 3.363    | 701        | 707      | 710       | rVB3  | 312         | 295        | 0.02%        | 0.002%     |
| 16     | 3.396    | 714        | 717      | 722       | rVB2  | 281         | 228        | 0.02%        | 0.002%     |
| 17     | 3.431    | 722        | 728      | 731       | rBV2  | 303         | 280        | 0.02%        | 0.002%     |
| 18     | 3.633    | 785        | 791      | 794       | rBV2  | 193         | 254        | 0.02%        | 0.002%     |
| 19     | 3.775    | 830        | 835      | 840       | rBV2  | 287         | 355        | 0.02%        | 0.003%     |
| 20     | 4.093    | 932        | 934      | 939       | rVB   | 329         | 198        | 0.01%        | 0.002%     |
| 21     | 4.154    | 939        | 953      | 987       | rBV   | 158647      | 442109     | 29.52%       | 3.736%     |
| 22     | 4.460    | 1042       | 1048     | 1054      | rVB4  | 359         | 506        | 0.03%        | 0.004%     |
| 23     | 4.621    | 1081       | 1098     | 1125      | rBV   | 260130      | 621890     | 41.53%       | 5.256%     |
| 24     | 4.862    | 1168       | 1173     | 1174      | rBV2  | 554         | 449        | 0.03%        | 0.004%     |
| 25     | 4.884    | 1179       | 1180     | 1185      | rVB2  | 716         | 382        | 0.03%        | 0.003%     |
| 26     | 4.958    | 1198       | 1203     | 1207      | rBV4  | 752         | 790        | 0.05%        | 0.007%     |
| 27     | 4.977    | 1207       | 1209     | 1215      | rVB3  | 348         | 281        | 0.02%        | 0.002%     |
| 28     | 5.058    | 1229       | 1234     | 1236      | rBV2  | 264         | 199        | 0.01%        | 0.002%     |
| 29     | 5.116    | 1250       | 1252     | 1257      | rVB3  | 377         | 209        | 0.01%        | 0.002%     |
| 30     | 5.154    | 1262       | 1264     | 1271      | rVB2  | 206         | 228        | 0.02%        | 0.002%     |
| 31     | 5.315    | 1290       | 1314     | 1343      | rBV2  | 511487      | 1497468    | 100.00%      | 12.655%    |
| 32     | 5.543    | 1382       | 1385     | 1388      | rVB3  | 325         | 192        | 0.01%        | 0.002%     |
| 33     | 5.563    | 1388       | 1391     | 1393      | rBV2  | 321         | 197        | 0.01%        | 0.002%     |
| 34     | 5.643    | 1412       | 1416     | 1418      | rVV2  | 485         | 368        | 0.02%        | 0.003%     |

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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

|    |       |      |      |      |      |        |         |        |        |
|----|-------|------|------|------|------|--------|---------|--------|--------|
| 35 | 5.666 | 1420 | 1423 | 1426 | rVB3 | 507    | 341     | 0.02%  | 0.003% |
| 36 | 5.775 | 1452 | 1457 | 1460 | rBV2 | 504    | 602     | 0.04%  | 0.005% |
| 37 | 5.865 | 1471 | 1485 | 1513 | rVV  | 404218 | 798046  | 53.29% | 6.744% |
| 38 | 6.074 | 1548 | 1550 | 1557 | rVB3 | 286    | 247     | 0.02%  | 0.002% |
| 39 | 6.164 | 1564 | 1578 | 1586 | rBV8 | 3043   | 6780    | 0.45%  | 0.057% |
| 40 | 6.309 | 1609 | 1623 | 1647 | rBV  | 334360 | 674065  | 45.01% | 5.697% |
| 41 | 6.492 | 1678 | 1680 | 1684 | rVB2 | 474    | 264     | 0.02%  | 0.002% |
| 42 | 6.582 | 1705 | 1708 | 1711 | rBV  | 366    | 290     | 0.02%  | 0.002% |
| 43 | 6.598 | 1711 | 1713 | 1718 | rVV3 | 326    | 209     | 0.01%  | 0.002% |
| 44 | 6.717 | 1747 | 1750 | 1759 | rVB  | 236    | 214     | 0.01%  | 0.002% |
| 45 | 6.804 | 1771 | 1777 | 1786 | rVV4 | 1545   | 2215    | 0.15%  | 0.019% |
| 46 | 6.948 | 1816 | 1822 | 1826 | rVB2 | 384    | 294     | 0.02%  | 0.002% |
| 47 | 7.019 | 1840 | 1844 | 1851 | rBV2 | 233    | 293     | 0.02%  | 0.002% |
| 48 | 7.103 | 1868 | 1870 | 1876 | rVB3 | 216    | 205     | 0.01%  | 0.002% |
| 49 | 7.135 | 1877 | 1880 | 1884 | rBV2 | 255    | 206     | 0.01%  | 0.002% |
| 50 | 7.209 | 1890 | 1903 | 1928 | rBV  | 193710 | 350121  | 23.38% | 2.959% |
| 51 | 7.360 | 1948 | 1950 | 1952 | rBV  | 358    | 214     | 0.01%  | 0.002% |
| 52 | 7.424 | 1965 | 1970 | 1973 | rBV3 | 445    | 470     | 0.03%  | 0.004% |
| 53 | 7.453 | 1973 | 1979 | 1982 | rVV4 | 797    | 896     | 0.06%  | 0.008% |
| 54 | 7.546 | 1994 | 2008 | 2024 | rBV  | 688688 | 1181645 | 78.91% | 9.986% |
| 55 | 7.833 | 2086 | 2097 | 2121 | rBV  | 133653 | 240202  | 16.04% | 2.030% |
| 56 | 8.151 | 2193 | 2196 | 2197 | rBV3 | 372    | 223     | 0.01%  | 0.002% |
| 57 | 8.212 | 2208 | 2215 | 2225 | rVB5 | 3332   | 4855    | 0.32%  | 0.041% |
| 58 | 8.292 | 2229 | 2240 | 2275 | rBV  | 572590 | 979897  | 65.44% | 8.281% |
| 59 | 8.624 | 2340 | 2343 | 2346 | rVB3 | 483    | 316     | 0.02%  | 0.003% |
| 60 | 8.643 | 2346 | 2349 | 2352 | rBV3 | 273    | 267     | 0.02%  | 0.002% |
| 61 | 8.752 | 2380 | 2383 | 2386 | rBV  | 329    | 246     | 0.02%  | 0.002% |
| 62 | 8.778 | 2389 | 2391 | 2396 | rVB2 | 297    | 250     | 0.02%  | 0.002% |
| 63 | 8.833 | 2404 | 2408 | 2410 | rBV3 | 357    | 217     | 0.01%  | 0.002% |
| 64 | 9.071 | 2470 | 2482 | 2511 | rBV  | 612475 | 1001247 | 66.86% | 8.462% |
| 65 | 9.238 | 2528 | 2534 | 2543 | rVB3 | 1469   | 2416    | 0.16%  | 0.020% |
| 66 | 9.308 | 2552 | 2556 | 2557 | rBV  | 357    | 242     | 0.02%  | 0.002% |
| 67 | 9.334 | 2561 | 2564 | 2565 | rBV2 | 372    | 221     | 0.01%  | 0.002% |
| 68 | 9.360 | 2565 | 2572 | 2580 | rBV3 | 4053   | 5797    | 0.39%  | 0.049% |
| 69 | 9.508 | 2615 | 2618 | 2621 | rVB  | 353    | 252     | 0.02%  | 0.002% |
| 70 | 9.534 | 2621 | 2626 | 2628 | rBV3 | 245    | 210     | 0.01%  | 0.002% |
| 71 | 9.678 | 2669 | 2671 | 2679 | rVB3 | 310    | 299     | 0.02%  | 0.003% |

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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\SOMULM080919WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 9.730  | 2685 | 2687 | 2689 | rBV  | 368    | 201     | 0.01%  | 0.002% |
| 73  | 9.765  | 2691 | 2698 | 2701 | rBV2 | 1830   | 2065    | 0.14%  | 0.017% |
| 74  | 9.833  | 2715 | 2719 | 2721 | rBV  | 293    | 245     | 0.02%  | 0.002% |
| 75  | 10.003 | 2765 | 2772 | 2774 | rBV2 | 323    | 391     | 0.03%  | 0.003% |
| 76  | 10.096 | 2798 | 2801 | 2805 | rBV2 | 312    | 215     | 0.01%  | 0.002% |
| 77  | 10.144 | 2811 | 2816 | 2817 | rBV2 | 624    | 458     | 0.03%  | 0.004% |
| 78  | 10.225 | 2838 | 2841 | 2845 | rBV3 | 197    | 199     | 0.01%  | 0.002% |
| 79  | 10.247 | 2845 | 2848 | 2851 | rVB3 | 429    | 266     | 0.02%  | 0.002% |
| 80  | 10.347 | 2876 | 2879 | 2883 | rVB2 | 359    | 276     | 0.02%  | 0.002% |
| 81  | 10.415 | 2883 | 2900 | 2928 | rBV  | 544556 | 860832  | 57.49% | 7.275% |
| 82  | 10.572 | 2943 | 2949 | 2950 | rBV2 | 617    | 502     | 0.03%  | 0.004% |
| 83  | 10.633 | 2965 | 2968 | 2970 | rBV2 | 367    | 204     | 0.01%  | 0.002% |
| 84  | 10.669 | 2974 | 2979 | 2980 | rBV3 | 548    | 446     | 0.03%  | 0.004% |
| 85  | 10.759 | 3001 | 3007 | 3017 | rBV3 | 1409   | 1864    | 0.12%  | 0.016% |
| 86  | 10.861 | 3033 | 3039 | 3043 | rBV2 | 447    | 649     | 0.04%  | 0.005% |
| 87  | 10.932 | 3057 | 3061 | 3064 | rBV4 | 365    | 288     | 0.02%  | 0.002% |
| 88  | 11.132 | 3113 | 3123 | 3133 | rBV  | 3512   | 5287    | 0.35%  | 0.045% |
| 89  | 11.312 | 3176 | 3179 | 3186 | rVB  | 359    | 345     | 0.02%  | 0.003% |
| 90  | 11.405 | 3198 | 3208 | 3215 | rBV5 | 2357   | 3426    | 0.23%  | 0.029% |
| 91  | 11.466 | 3215 | 3227 | 3252 | rBV  | 637135 | 1012830 | 67.64% | 8.560% |
| 92  | 11.646 | 3281 | 3283 | 3291 | rVB4 | 680    | 572     | 0.04%  | 0.005% |
| 93  | 11.746 | 3311 | 3314 | 3317 | rBV3 | 513    | 367     | 0.02%  | 0.003% |
| 94  | 11.842 | 3331 | 3344 | 3371 | rBV  | 728476 | 1178941 | 78.73% | 9.963% |
| 95  | 12.135 | 3429 | 3435 | 3445 | rVB7 | 2454   | 4119    | 0.28%  | 0.035% |
| 96  | 12.881 | 3660 | 3667 | 3673 | rBV4 | 1846   | 2580    | 0.17%  | 0.022% |
| 97  | 13.321 | 3800 | 3804 | 3806 | rBV  | 495    | 395     | 0.03%  | 0.003% |
| 98  | 13.498 | 3855 | 3859 | 3862 | rBV4 | 1355   | 1290    | 0.09%  | 0.011% |
| 99  | 13.566 | 3878 | 3880 | 3885 | rVB2 | 899    | 613     | 0.04%  | 0.005% |
| 100 | 14.350 | 4122 | 4124 | 4128 | rBV2 | 590    | 317     | 0.02%  | 0.003% |

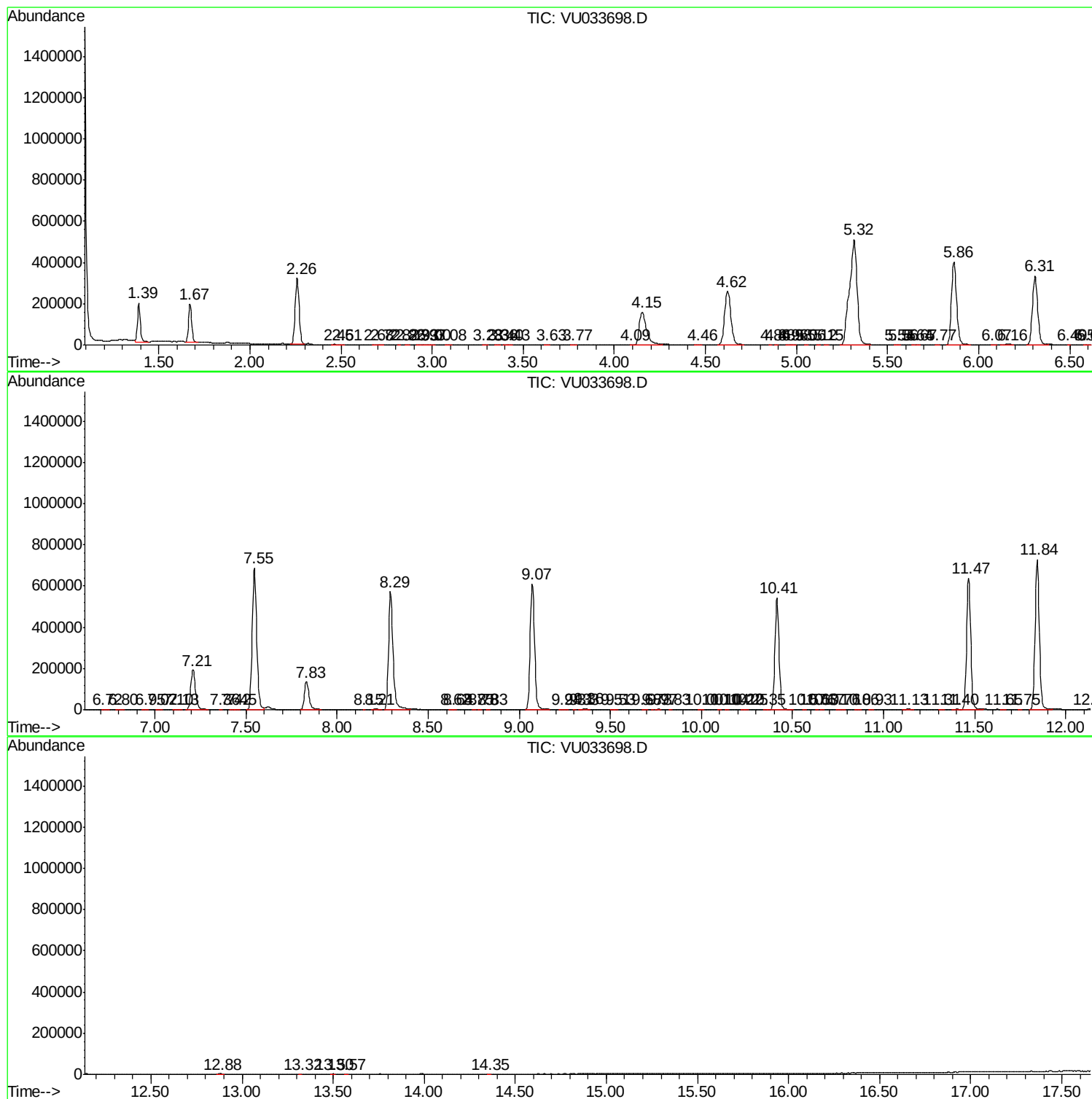
Sum of corrected areas: 11832688

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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\VU080919\  
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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          |