

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091619\  
 Data File : VU034567.D  
 Acq On : 16 Sep 2019 16:11  
 Operator : JC/SP  
 Sample : K4838-04  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0MC2

## 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\SOMULM091619WMA.M  
 Title : VOC Analysis

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.280       | 54            | 59          | 69           | rVB2     | 13502          | 15260         | 1.44%           | 0.165%        |
| 2         | 1.392       | 88            | 94          | 104          | rBV      | 116934         | 124123        | 11.69%          | 1.344%        |
| 3         | 1.672       | 174           | 181         | 193          | rVB      | 92689          | 117172        | 11.03%          | 1.268%        |
| 4         | 2.257       | 354           | 363         | 376          | rVB      | 214287         | 333305        | 31.38%          | 3.608%        |
| 5         | 2.428       | 411           | 416         | 433          | rVB      | 13210          | 24118         | 2.27%           | 0.261%        |
| 6         | 2.688       | 495           | 497         | 503          | rVB6     | 1524           | 1083          | 0.10%           | 0.012%        |
| 7         | 2.743       | 512           | 514         | 517          | rBV3     | 822            | 588           | 0.06%           | 0.006%        |
| 8         | 2.820       | 523           | 538         | 551          | rBV      | 19692          | 44685         | 4.21%           | 0.484%        |
| 9         | 3.084       | 615           | 620         | 622          | rBV4     | 728            | 727           | 0.07%           | 0.008%        |
| 10        | 3.264       | 673           | 676         | 682          | rVB7     | 906            | 854           | 0.08%           | 0.009%        |
| 11        | 3.315       | 689           | 692         | 697          | rVB5     | 752            | 690           | 0.06%           | 0.007%        |
| 12        | 3.405       | 715           | 720         | 728          | rVB7     | 938            | 1151          | 0.11%           | 0.012%        |
| 13        | 3.550       | 762           | 765         | 772          | rVV7     | 1200           | 1109          | 0.10%           | 0.012%        |
| 14        | 3.624       | 784           | 788         | 791          | rBV4     | 1485           | 1213          | 0.11%           | 0.013%        |
| 15        | 3.646       | 793           | 795         | 799          | rVB3     | 763            | 544           | 0.05%           | 0.006%        |
| 16        | 3.678       | 799           | 805         | 806          | rBV5     | 737            | 706           | 0.07%           | 0.008%        |
| 17        | 3.704       | 809           | 813         | 816          | rBV4     | 785            | 654           | 0.06%           | 0.007%        |
| 18        | 3.765       | 830           | 832         | 837          | rVB4     | 974            | 705           | 0.07%           | 0.008%        |
| 19        | 3.791       | 837           | 840         | 844          | rBV4     | 775            | 715           | 0.07%           | 0.008%        |
| 20        | 3.961       | 888           | 893         | 894          | rBV3     | 904            | 564           | 0.05%           | 0.006%        |
| 21        | 4.048       | 916           | 920         | 922          | rBV2     | 604            | 526           | 0.05%           | 0.006%        |
| 22        | 4.154       | 940           | 953         | 984          | rBV3     | 121690         | 359735        | 33.87%          | 3.894%        |
| 23        | 4.624       | 1078          | 1099        | 1121         | rBV      | 199394         | 480366        | 45.22%          | 5.200%        |
| 24        | 5.022       | 1219          | 1223        | 1224         | rBV3     | 1149           | 694           | 0.07%           | 0.008%        |
| 25        | 5.193       | 1274          | 1276        | 1279         | rVB2     | 1160           | 643           | 0.06%           | 0.007%        |
| 26        | 5.215       | 1279          | 1283        | 1287         | rBV6     | 966            | 1126          | 0.11%           | 0.012%        |
| 27        | 5.315       | 1291          | 1314        | 1344         | rBV2     | 358105         | 1062216       | 100.00%         | 11.498%       |
| 28        | 5.537       | 1380          | 1383        | 1386         | rVB3     | 1035           | 639           | 0.06%           | 0.007%        |
| 29        | 5.553       | 1386          | 1388        | 1391         | rBV2     | 613            | 525           | 0.05%           | 0.006%        |
| 30        | 5.659       | 1418          | 1421        | 1426         | rVV7     | 767            | 682           | 0.06%           | 0.007%        |
| 31        | 5.691       | 1428          | 1431        | 1436         | rBV6     | 1173           | 998           | 0.09%           | 0.011%        |
| 32        | 5.865       | 1471          | 1485        | 1512         | rBV      | 383106         | 776064        | 73.06%          | 8.400%        |
| 33        | 6.309       | 1609          | 1623        | 1643         | rBV      | 260048         | 523890        | 49.32%          | 5.671%        |
| 34        | 6.608       | 1714          | 1716        | 1720         | rVB6     | 1204           | 779           | 0.07%           | 0.008%        |

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 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM091619WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 6.633  | 1720 | 1724 | 1725 | rBV3 | 821    | 549    | 0.05%  | 0.006%  |
| 36 | 6.727  | 1750 | 1753 | 1755 | rBV3 | 917    | 627    | 0.06%  | 0.007%  |
| 37 | 6.836  | 1778 | 1787 | 1788 | rBV6 | 1865   | 1924   | 0.18%  | 0.021%  |
| 38 | 7.064  | 1854 | 1858 | 1860 | rBV3 | 793    | 534    | 0.05%  | 0.006%  |
| 39 | 7.077  | 1860 | 1862 | 1866 | rVB3 | 793    | 633    | 0.06%  | 0.007%  |
| 40 | 7.206  | 1890 | 1902 | 1932 | rBV  | 149690 | 287891 | 27.10% | 3.116%  |
| 41 | 7.309  | 1932 | 1934 | 1939 | rVB4 | 1032   | 683    | 0.06%  | 0.007%  |
| 42 | 7.543  | 1994 | 2007 | 2026 | rBV  | 501718 | 884726 | 83.29% | 9.577%  |
| 43 | 7.733  | 2064 | 2066 | 2070 | rVB4 | 1741   | 1185   | 0.11%  | 0.013%  |
| 44 | 7.755  | 2070 | 2073 | 2078 | rBV4 | 764    | 620    | 0.06%  | 0.007%  |
| 45 | 7.829  | 2083 | 2096 | 2120 | rBV  | 105357 | 201501 | 18.97% | 2.181%  |
| 46 | 8.067  | 2165 | 2170 | 2176 | rVB8 | 1144   | 1521   | 0.14%  | 0.016%  |
| 47 | 8.100  | 2176 | 2180 | 2183 | rBV4 | 684    | 769    | 0.07%  | 0.008%  |
| 48 | 8.161  | 2186 | 2199 | 2209 | rBV2 | 17655  | 32504  | 3.06%  | 0.352%  |
| 49 | 8.289  | 2228 | 2239 | 2271 | rBV  | 355961 | 682815 | 64.28% | 7.391%  |
| 50 | 8.678  | 2357 | 2360 | 2364 | rBV3 | 728    | 686    | 0.06%  | 0.007%  |
| 51 | 8.717  | 2369 | 2372 | 2374 | rVB2 | 959    | 515    | 0.05%  | 0.006%  |
| 52 | 8.739  | 2374 | 2379 | 2381 | rBV3 | 944    | 698    | 0.07%  | 0.008%  |
| 53 | 8.791  | 2393 | 2395 | 2399 | rVB4 | 828    | 577    | 0.05%  | 0.006%  |
| 54 | 8.813  | 2400 | 2402 | 2409 | rVV6 | 850    | 823    | 0.08%  | 0.009%  |
| 55 | 8.884  | 2421 | 2424 | 2433 | rVB7 | 1049   | 1166   | 0.11%  | 0.013%  |
| 56 | 8.923  | 2433 | 2436 | 2441 | rVB5 | 653    | 513    | 0.05%  | 0.006%  |
| 57 | 8.974  | 2449 | 2452 | 2455 | rBV3 | 673    | 547    | 0.05%  | 0.006%  |
| 58 | 9.067  | 2469 | 2481 | 2504 | rBV  | 553574 | 940151 | 88.51% | 10.177% |
| 59 | 9.273  | 2543 | 2545 | 2548 | rVB3 | 931    | 532    | 0.05%  | 0.006%  |
| 60 | 9.334  | 2561 | 2564 | 2565 | rBV2 | 987    | 578    | 0.05%  | 0.006%  |
| 61 | 9.350  | 2565 | 2569 | 2570 | rBV4 | 686    | 560    | 0.05%  | 0.006%  |
| 62 | 9.788  | 2703 | 2705 | 2711 | rVB6 | 1378   | 1175   | 0.11%  | 0.013%  |
| 63 | 9.862  | 2726 | 2728 | 2731 | rBV2 | 859    | 673    | 0.06%  | 0.007%  |
| 64 | 9.887  | 2734 | 2736 | 2740 | rVB4 | 1120   | 617    | 0.06%  | 0.007%  |
| 65 | 9.939  | 2746 | 2752 | 2753 | rBV4 | 879    | 810    | 0.08%  | 0.009%  |
| 66 | 10.000 | 2766 | 2771 | 2777 | rVB8 | 579    | 595    | 0.06%  | 0.006%  |
| 67 | 10.212 | 2834 | 2837 | 2840 | rVB4 | 1275   | 864    | 0.08%  | 0.009%  |
| 68 | 10.270 | 2853 | 2855 | 2859 | rVB3 | 1056   | 713    | 0.07%  | 0.008%  |
| 69 | 10.292 | 2859 | 2862 | 2863 | rBV  | 944    | 521    | 0.05%  | 0.006%  |
| 70 | 10.408 | 2884 | 2898 | 2917 | rBV  | 382472 | 630948 | 59.40% | 6.830%  |
| 71 | 10.588 | 2942 | 2954 | 2955 | rBV2 | 13221  | 15600  | 1.47%  | 0.169%  |

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 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\SOMULM091619WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 10.755 | 3004 | 3006 | 3008 | rBV2 | 804    | 530    | 0.05%  | 0.006% |
| 73  | 10.797 | 3015 | 3019 | 3021 | rBV5 | 751    | 670    | 0.06%  | 0.007% |
| 74  | 10.839 | 3029 | 3032 | 3036 | rVB4 | 1194   | 682    | 0.06%  | 0.007% |
| 75  | 10.993 | 3076 | 3080 | 3083 | rBV5 | 791    | 689    | 0.06%  | 0.007% |
| 76  | 11.058 | 3096 | 3100 | 3104 | rBV7 | 1196   | 1181   | 0.11%  | 0.013% |
| 77  | 11.122 | 3117 | 3120 | 3121 | rBV4 | 1237   | 758    | 0.07%  | 0.008% |
| 78  | 11.234 | 3153 | 3155 | 3159 | rVB3 | 896    | 589    | 0.06%  | 0.006% |
| 79  | 11.299 | 3172 | 3175 | 3182 | rVB7 | 1078   | 1222   | 0.12%  | 0.013% |
| 80  | 11.353 | 3187 | 3192 | 3194 | rVB4 | 648    | 546    | 0.05%  | 0.006% |
| 81  | 11.460 | 3214 | 3225 | 3250 | rBV  | 495413 | 822403 | 77.42% | 8.902% |
| 82  | 11.836 | 3330 | 3342 | 3366 | rBV  | 473774 | 813421 | 76.58% | 8.805% |
| 83  | 12.205 | 3451 | 3457 | 3459 | rBV7 | 1352   | 1412   | 0.13%  | 0.015% |
| 84  | 12.591 | 3572 | 3577 | 3580 | rBV4 | 1596   | 1767   | 0.17%  | 0.019% |
| 85  | 12.665 | 3597 | 3600 | 3604 | rBV5 | 1038   | 983    | 0.09%  | 0.011% |
| 86  | 12.688 | 3604 | 3607 | 3610 | rVV4 | 900    | 760    | 0.07%  | 0.008% |
| 87  | 12.714 | 3610 | 3615 | 3619 | rVV6 | 904    | 1043   | 0.10%  | 0.011% |
| 88  | 12.742 | 3622 | 3624 | 3627 | rVV2 | 1019   | 565    | 0.05%  | 0.006% |
| 89  | 12.762 | 3627 | 3630 | 3632 | rVV3 | 968    | 773    | 0.07%  | 0.008% |
| 90  | 12.816 | 3644 | 3647 | 3651 | rBV3 | 873    | 756    | 0.07%  | 0.008% |
| 91  | 12.858 | 3655 | 3660 | 3662 | rBV5 | 859    | 622    | 0.06%  | 0.007% |
| 92  | 12.948 | 3683 | 3688 | 3692 | rBV8 | 1310   | 1674   | 0.16%  | 0.018% |
| 93  | 13.022 | 3707 | 3711 | 3713 | rBV3 | 1500   | 1164   | 0.11%  | 0.013% |
| 94  | 13.144 | 3744 | 3749 | 3751 | rBV5 | 1050   | 878    | 0.08%  | 0.010% |
| 95  | 13.389 | 3819 | 3825 | 3828 | rBV6 | 982    | 1139   | 0.11%  | 0.012% |
| 96  | 13.591 | 3886 | 3888 | 3892 | rBV3 | 673    | 609    | 0.06%  | 0.007% |
| 97  | 13.685 | 3915 | 3917 | 3921 | rVB4 | 831    | 539    | 0.05%  | 0.006% |
| 98  | 13.717 | 3921 | 3927 | 3928 | rBV5 | 867    | 812    | 0.08%  | 0.009% |
| 99  | 14.035 | 4022 | 4026 | 4031 | rBV8 | 1795   | 2141   | 0.20%  | 0.023% |
| 100 | 14.334 | 4115 | 4119 | 4124 | rBV5 | 854    | 923    | 0.09%  | 0.010% |

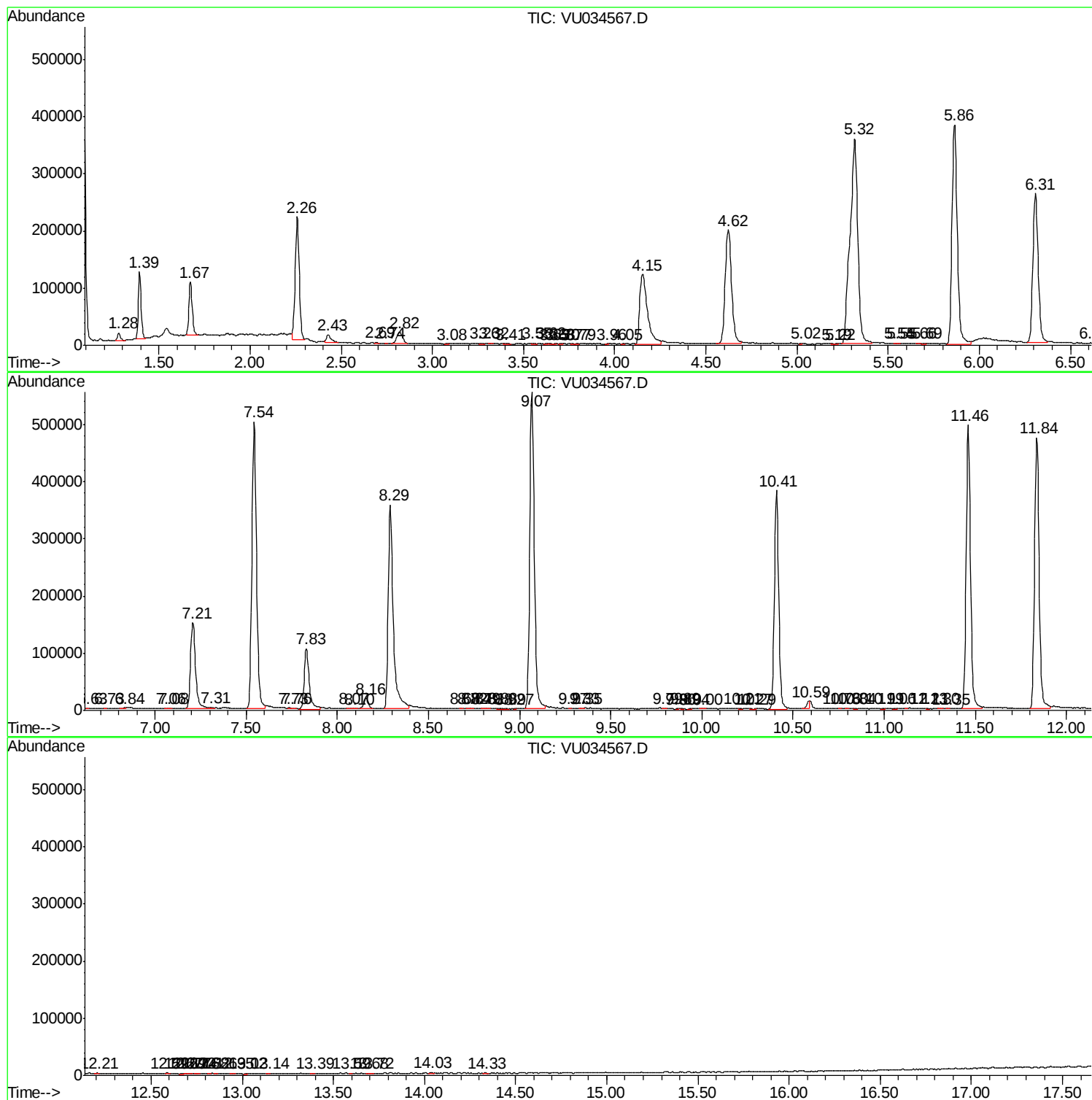
Sum of corrected areas: 9238444

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM091619WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU091619\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM091619WMA.M  
Quant Title : VOC Analysis

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

No Library Search Compounds Detected

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| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |
|------------------|----|---------|-------|----------|-----------------------|
|                  |    |         |       |          | # RT Resp Conc        |