

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU080819\  
 Data File : VU033636.D  
 Acq On : 08 Aug 2019 14:44  
 Operator : JC/SP  
 Sample : K4187-04  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

## 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\SOMULM080819WMA.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         | 1.392       | 86            | 94          | 110          | rBV      | 237856         | 252403        | 15.62%          | 2.120%        |
| 2         | 1.540       | 133           | 140         | 148          | rBV2     | 14669          | 18661         | 1.15%           | 0.157%        |
| 3         | 1.672       | 173           | 181         | 198          | rVB      | 194961         | 245268        | 15.18%          | 2.060%        |
| 4         | 1.878       | 240           | 245         | 257          | rVB3     | 6080           | 8531          | 0.53%           | 0.072%        |
| 5         | 2.260       | 353           | 364         | 377          | rVB      | 367671         | 558517        | 34.56%          | 4.691%        |
| 6         | 2.466       | 419           | 428         | 438          | rBV      | 2461           | 3781          | 0.23%           | 0.032%        |
| 7         | 2.598       | 464           | 469         | 473          | rBV3     | 383            | 383           | 0.02%           | 0.003%        |
| 8         | 2.659       | 482           | 488         | 491          | rBV3     | 371            | 505           | 0.03%           | 0.004%        |
| 9         | 2.688       | 491           | 497         | 498          | rBV3     | 1150           | 980           | 0.06%           | 0.008%        |
| 10        | 2.833       | 538           | 542         | 546          | rBV3     | 329            | 279           | 0.02%           | 0.002%        |
| 11        | 2.961       | 577           | 582         | 583          | rBV2     | 799            | 698           | 0.04%           | 0.006%        |
| 12        | 3.112       | 626           | 629         | 635          | rBV2     | 292            | 244           | 0.02%           | 0.002%        |
| 13        | 3.196       | 652           | 655         | 664          | rVB      | 422            | 446           | 0.03%           | 0.004%        |
| 14        | 3.270       | 675           | 678         | 685          | rVB2     | 377            | 346           | 0.02%           | 0.003%        |
| 15        | 3.309       | 685           | 690         | 692          | rBV2     | 360            | 282           | 0.02%           | 0.002%        |
| 16        | 3.495       | 743           | 748         | 750          | rBV2     | 299            | 264           | 0.02%           | 0.002%        |
| 17        | 3.704       | 809           | 813         | 817          | rBV2     | 369            | 397           | 0.02%           | 0.003%        |
| 18        | 3.727       | 817           | 820         | 822          | rVV      | 243            | 183           | 0.01%           | 0.002%        |
| 19        | 3.804       | 841           | 844         | 848          | rBV2     | 216            | 183           | 0.01%           | 0.002%        |
| 20        | 3.887       | 866           | 870         | 872          | rBV2     | 296            | 236           | 0.01%           | 0.002%        |
| 21        | 3.955       | 888           | 891         | 896          | rVV      | 187            | 201           | 0.01%           | 0.002%        |
| 22        | 4.148       | 938           | 951         | 993          | rBV      | 149965         | 415231        | 25.69%          | 3.487%        |
| 23        | 4.456       | 1044          | 1047        | 1049         | rBV      | 370            | 227           | 0.01%           | 0.002%        |
| 24        | 4.469       | 1049          | 1051        | 1054         | rVV3     | 298            | 200           | 0.01%           | 0.002%        |
| 25        | 4.492       | 1056          | 1058        | 1062         | rVV2     | 429            | 307           | 0.02%           | 0.003%        |
| 26        | 4.624       | 1082          | 1099        | 1131         | rBV      | 247169         | 633118        | 39.18%          | 5.317%        |
| 27        | 4.964       | 1199          | 1205        | 1214         | rVB4     | 1003           | 1379          | 0.09%           | 0.012%        |
| 28        | 5.074       | 1237          | 1239        | 1244         | rVB2     | 392            | 322           | 0.02%           | 0.003%        |
| 29        | 5.170       | 1264          | 1269        | 1270         | rBV2     | 294            | 242           | 0.01%           | 0.002%        |
| 30        | 5.318       | 1291          | 1315        | 1346         | rBV2     | 545562         | 1616015       | 100.00%         | 13.572%       |
| 31        | 5.572       | 1390          | 1394        | 1398         | rVB3     | 588            | 480           | 0.03%           | 0.004%        |
| 32        | 5.591       | 1398          | 1400        | 1404         | rBV3     | 313            | 181           | 0.01%           | 0.002%        |
| 33        | 5.649       | 1416          | 1418        | 1422         | rVB3     | 414            | 263           | 0.02%           | 0.002%        |
| 34        | 5.669       | 1422          | 1424        | 1427         | rVB2     | 676            | 334           | 0.02%           | 0.003%        |

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM080819WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |         |        |         |
|----|-------|------|------|------|------|--------|---------|--------|---------|
| 35 | 5.688 | 1427 | 1430 | 1432 | rBV2 | 369    | 232     | 0.01%  | 0.002%  |
| 36 | 5.775 | 1455 | 1457 | 1461 | rVB3 | 497    | 234     | 0.01%  | 0.002%  |
| 37 | 5.865 | 1470 | 1485 | 1515 | rBV  | 358436 | 716898  | 44.36% | 6.021%  |
| 38 | 6.045 | 1538 | 1541 | 1545 | rVB2 | 598    | 396     | 0.02%  | 0.003%  |
| 39 | 6.160 | 1568 | 1577 | 1590 | rVV7 | 3716   | 7712    | 0.48%  | 0.065%  |
| 40 | 6.228 | 1596 | 1598 | 1601 | rBV  | 354    | 181     | 0.01%  | 0.002%  |
| 41 | 6.308 | 1609 | 1623 | 1645 | rBV  | 361333 | 722672  | 44.72% | 6.069%  |
| 42 | 6.501 | 1681 | 1683 | 1688 | rVB3 | 399    | 239     | 0.01%  | 0.002%  |
| 43 | 6.553 | 1697 | 1699 | 1703 | rBV2 | 298    | 204     | 0.01%  | 0.002%  |
| 44 | 6.598 | 1709 | 1713 | 1717 | rBV  | 365    | 295     | 0.02%  | 0.002%  |
| 45 | 6.623 | 1717 | 1721 | 1724 | rVV3 | 384    | 284     | 0.02%  | 0.002%  |
| 46 | 6.672 | 1734 | 1736 | 1739 | rVB  | 425    | 185     | 0.01%  | 0.002%  |
| 47 | 6.707 | 1739 | 1747 | 1751 | rBV2 | 290    | 494     | 0.03%  | 0.004%  |
| 48 | 6.739 | 1754 | 1757 | 1760 | rBV2 | 422    | 236     | 0.01%  | 0.002%  |
| 49 | 6.881 | 1796 | 1801 | 1804 | rBV3 | 416    | 349     | 0.02%  | 0.003%  |
| 50 | 7.045 | 1847 | 1852 | 1854 | rBV2 | 376    | 376     | 0.02%  | 0.003%  |
| 51 | 7.077 | 1857 | 1862 | 1866 | rBV2 | 347    | 372     | 0.02%  | 0.003%  |
| 52 | 7.132 | 1873 | 1879 | 1882 | rBV2 | 206    | 214     | 0.01%  | 0.002%  |
| 53 | 7.154 | 1882 | 1886 | 1889 | rVB2 | 276    | 245     | 0.02%  | 0.002%  |
| 54 | 7.209 | 1889 | 1903 | 1928 | rBV  | 203913 | 374114  | 23.15% | 3.142%  |
| 55 | 7.450 | 1971 | 1978 | 1980 | rBV5 | 1053   | 1140    | 0.07%  | 0.010%  |
| 56 | 7.546 | 1994 | 2008 | 2045 | rBV  | 740691 | 1300637 | 80.48% | 10.923% |
| 57 | 7.832 | 2086 | 2097 | 2124 | rBV  | 145847 | 257417  | 15.93% | 2.162%  |
| 58 | 8.122 | 2183 | 2187 | 2188 | rBV  | 274    | 203     | 0.01%  | 0.002%  |
| 59 | 8.154 | 2190 | 2197 | 2198 | rBV3 | 1291   | 1042    | 0.06%  | 0.009%  |
| 60 | 8.209 | 2210 | 2214 | 2222 | rBV4 | 1510   | 1844    | 0.11%  | 0.015%  |
| 61 | 8.292 | 2229 | 2240 | 2279 | rBV  | 485735 | 901053  | 55.76% | 7.567%  |
| 62 | 8.524 | 2309 | 2312 | 2314 | rBV3 | 506    | 330     | 0.02%  | 0.003%  |
| 63 | 8.617 | 2339 | 2341 | 2350 | rVB4 | 436    | 559     | 0.03%  | 0.005%  |
| 64 | 8.672 | 2350 | 2358 | 2361 | rBV3 | 414    | 579     | 0.04%  | 0.005%  |
| 65 | 8.871 | 2417 | 2420 | 2423 | rBV3 | 257    | 228     | 0.01%  | 0.002%  |
| 66 | 9.074 | 2469 | 2483 | 2506 | rBV  | 535149 | 905157  | 56.01% | 7.602%  |
| 67 | 9.360 | 2565 | 2572 | 2573 | rBV3 | 916    | 883     | 0.05%  | 0.007%  |
| 68 | 9.402 | 2583 | 2585 | 2591 | rBV2 | 306    | 235     | 0.01%  | 0.002%  |
| 69 | 9.498 | 2612 | 2615 | 2616 | rBV  | 411    | 185     | 0.01%  | 0.002%  |
| 70 | 9.588 | 2638 | 2643 | 2650 | rVB3 | 453    | 520     | 0.03%  | 0.004%  |
| 71 | 9.701 | 2674 | 2678 | 2684 | rVB2 | 194    | 266     | 0.02%  | 0.002%  |

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Instrument :  
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 Smoothing : OFF  
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 Start Thrs: 0.2  
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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\SOMULM080819WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 72  | 9.771  | 2694 | 2700 | 2701 | rBV3 | 1114   | 830     | 0.05%  | 0.007%  |
| 73  | 9.990  | 2763 | 2768 | 2769 | rBV2 | 254    | 241     | 0.01%  | 0.002%  |
| 74  | 10.045 | 2782 | 2785 | 2790 | rVB2 | 359    | 244     | 0.02%  | 0.002%  |
| 75  | 10.151 | 2814 | 2818 | 2824 | rVB2 | 932    | 812     | 0.05%  | 0.007%  |
| 76  | 10.176 | 2824 | 2826 | 2833 | rVB2 | 357    | 260     | 0.02%  | 0.002%  |
| 77  | 10.260 | 2848 | 2852 | 2855 | rBV2 | 292    | 239     | 0.01%  | 0.002%  |
| 78  | 10.340 | 2875 | 2877 | 2882 | rVB3 | 396    | 261     | 0.02%  | 0.002%  |
| 79  | 10.414 | 2882 | 2900 | 2924 | rBV  | 539122 | 866552  | 53.62% | 7.278%  |
| 80  | 10.594 | 2951 | 2956 | 2965 | rVB3 | 1288   | 1545    | 0.10%  | 0.013%  |
| 81  | 10.755 | 3002 | 3006 | 3008 | rBV2 | 603    | 520     | 0.03%  | 0.004%  |
| 82  | 10.807 | 3020 | 3022 | 3027 | rVB2 | 427    | 323     | 0.02%  | 0.003%  |
| 83  | 10.836 | 3027 | 3031 | 3033 | rBV  | 298    | 286     | 0.02%  | 0.002%  |
| 84  | 10.897 | 3047 | 3050 | 3054 | rVB2 | 351    | 221     | 0.01%  | 0.002%  |
| 85  | 10.929 | 3054 | 3060 | 3061 | rBV  | 324    | 331     | 0.02%  | 0.003%  |
| 86  | 10.987 | 3073 | 3078 | 3082 | rBV2 | 295    | 329     | 0.02%  | 0.003%  |
| 87  | 11.067 | 3101 | 3103 | 3106 | rVB2 | 509    | 232     | 0.01%  | 0.002%  |
| 88  | 11.138 | 3117 | 3125 | 3132 | rBV3 | 1866   | 2714    | 0.17%  | 0.023%  |
| 89  | 11.173 | 3132 | 3136 | 3138 | rBV3 | 206    | 182     | 0.01%  | 0.002%  |
| 90  | 11.254 | 3156 | 3161 | 3162 | rBV2 | 362    | 299     | 0.02%  | 0.003%  |
| 91  | 11.405 | 3201 | 3208 | 3216 | rBV4 | 2840   | 4106    | 0.25%  | 0.034%  |
| 92  | 11.469 | 3216 | 3228 | 3253 | rBV  | 533456 | 861485  | 53.31% | 7.235%  |
| 93  | 11.678 | 3291 | 3293 | 3296 | rBV2 | 353    | 196     | 0.01%  | 0.002%  |
| 94  | 11.774 | 3320 | 3323 | 3325 | rBV3 | 443    | 270     | 0.02%  | 0.002%  |
| 95  | 11.845 | 3331 | 3345 | 3367 | rBV  | 729179 | 1197795 | 74.12% | 10.059% |
| 96  | 12.147 | 3437 | 3439 | 3445 | rVB3 | 775    | 430     | 0.03%  | 0.004%  |
| 97  | 12.463 | 3533 | 3537 | 3538 | rBV3 | 514    | 360     | 0.02%  | 0.003%  |
| 98  | 12.884 | 3662 | 3668 | 3677 | rVB4 | 2528   | 3722    | 0.23%  | 0.031%  |
| 99  | 13.993 | 4005 | 4013 | 4017 | rBV6 | 1807   | 2730    | 0.17%  | 0.023%  |
| 100 | 14.630 | 4209 | 4211 | 4215 | rBV3 | 492    | 320     | 0.02%  | 0.003%  |

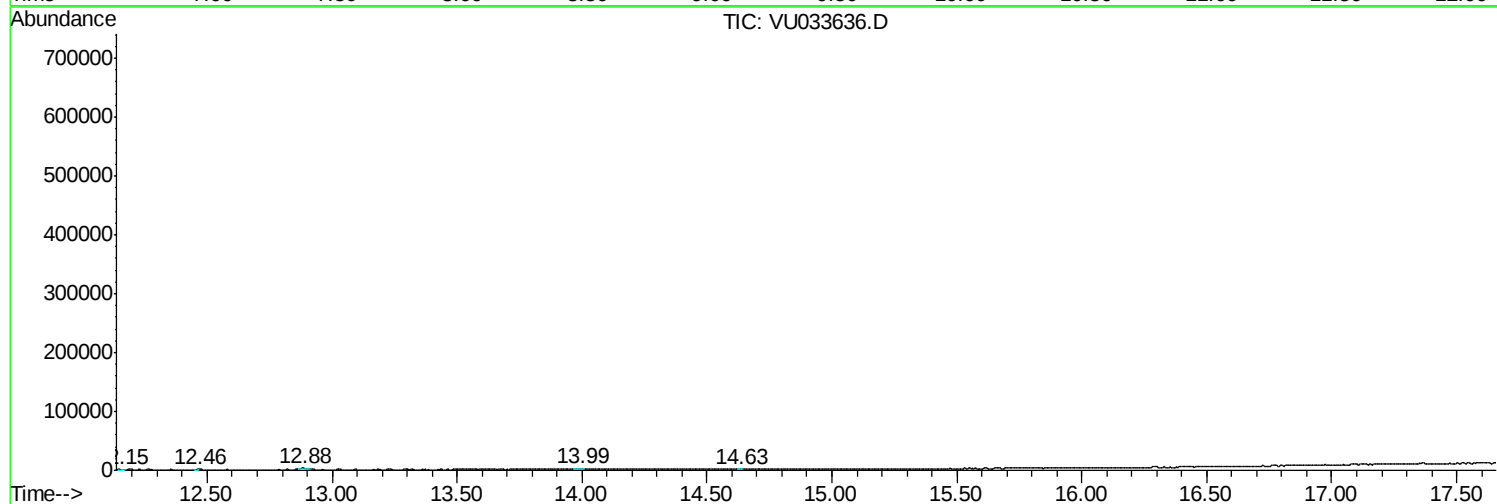
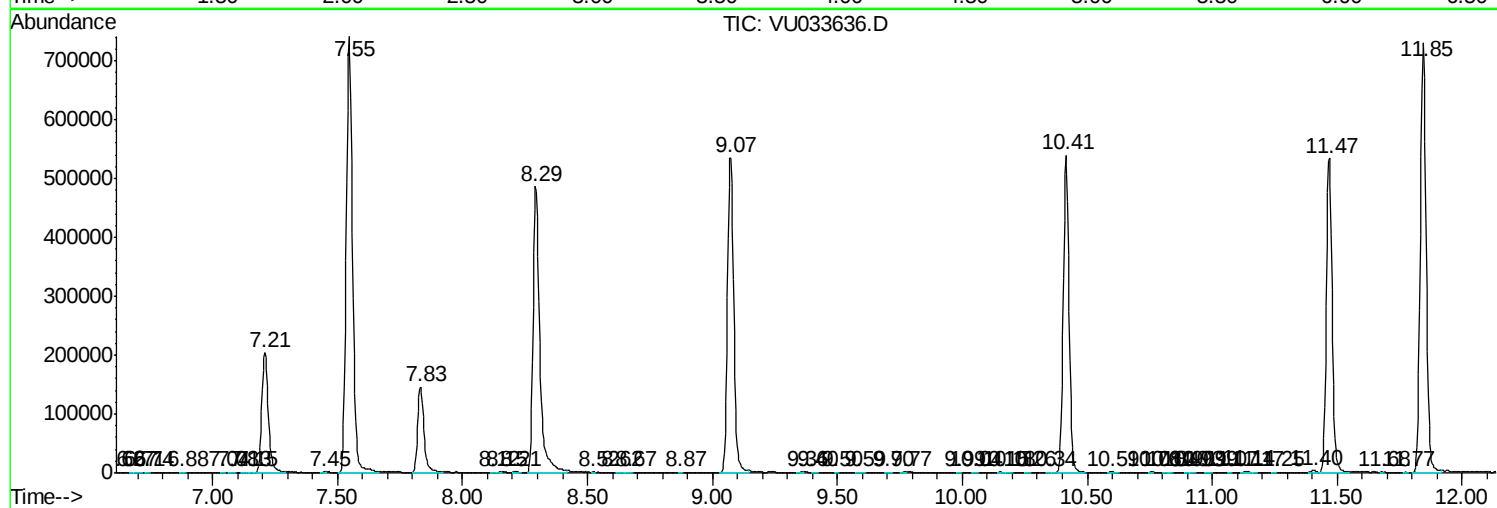
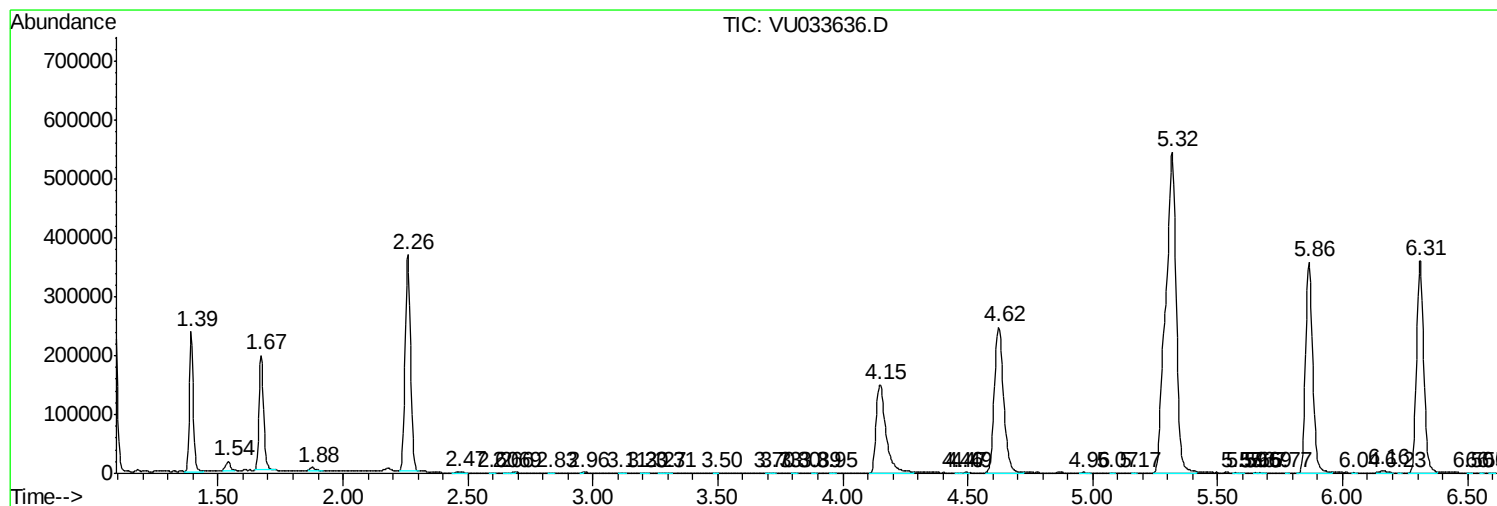
Sum of corrected areas: 11907132

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU080819\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM080819WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU080819\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM080819WMA.M  
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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          |