

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080719\  
 Data File : VU033617.D  
 Acq On : 07 Aug 2019 15:22  
 Operator : JC/SP  
 Sample : K4202-09  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F2B61

## 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\SOMULM080519WMA.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         | 1.177       | 23            | 27          | 33           | rBV3     | 4104           | 3657          | 0.34%           | 0.041%        |
| 2         | 1.392       | 87            | 94          | 111          | rVB      | 146264         | 157109        | 14.73%          | 1.761%        |
| 3         | 1.672       | 173           | 181         | 195          | rVB      | 137098         | 174355        | 16.35%          | 1.955%        |
| 4         | 2.261       | 353           | 364         | 374          | rBV      | 228733         | 347527        | 32.58%          | 3.896%        |
| 5         | 2.318       | 375           | 382         | 397          | rVB2     | 18626          | 32769         | 3.07%           | 0.367%        |
| 6         | 2.402       | 406           | 408         | 414          | rVB2     | 402            | 287           | 0.03%           | 0.003%        |
| 7         | 2.463       | 414           | 427         | 429          | rBV2     | 5492           | 7918          | 0.74%           | 0.089%        |
| 8         | 2.637       | 478           | 481         | 486          | rVB2     | 417            | 343           | 0.03%           | 0.004%        |
| 9         | 2.675       | 486           | 493         | 494          | rBV2     | 230            | 221           | 0.02%           | 0.002%        |
| 10        | 2.717       | 499           | 506         | 511          | rBV2     | 233            | 346           | 0.03%           | 0.004%        |
| 11        | 2.817       | 527           | 537         | 538          | rBV3     | 4384           | 4786          | 0.45%           | 0.054%        |
| 12        | 2.868       | 551           | 553         | 560          | rVB2     | 469            | 385           | 0.04%           | 0.004%        |
| 13        | 3.026       | 597           | 602         | 605          | rBV2     | 191            | 210           | 0.02%           | 0.002%        |
| 14        | 3.100       | 621           | 625         | 628          | rBV      | 460            | 392           | 0.04%           | 0.004%        |
| 15        | 3.122       | 631           | 632         | 638          | rVB2     | 268            | 225           | 0.02%           | 0.003%        |
| 16        | 3.180       | 646           | 650         | 653          | rBV2     | 244            | 182           | 0.02%           | 0.002%        |
| 17        | 3.244       | 664           | 670         | 674          | rBV2     | 380            | 381           | 0.04%           | 0.004%        |
| 18        | 3.325       | 692           | 695         | 699          | rBV2     | 310            | 250           | 0.02%           | 0.003%        |
| 19        | 3.373       | 708           | 710         | 716          | rVB      | 247            | 153           | 0.01%           | 0.002%        |
| 20        | 3.640       | 789           | 793         | 796          | rBV      | 186            | 147           | 0.01%           | 0.002%        |
| 21        | 3.691       | 803           | 809         | 811          | rBV      | 230            | 214           | 0.02%           | 0.002%        |
| 22        | 3.910       | 874           | 877         | 880          | rBV      | 209            | 145           | 0.01%           | 0.002%        |
| 23        | 4.158       | 941           | 954         | 997          | rBV      | 103101         | 311640        | 29.22%          | 3.494%        |
| 24        | 4.408       | 1029          | 1032        | 1033         | rBV2     | 368            | 219           | 0.02%           | 0.002%        |
| 25        | 4.460       | 1045          | 1048        | 1050         | rBV2     | 260            | 172           | 0.02%           | 0.002%        |
| 26        | 4.624       | 1080          | 1099        | 1120         | rBV      | 189130         | 445439        | 41.76%          | 4.994%        |
| 27        | 4.839       | 1163          | 1166        | 1167         | rBV2     | 361            | 187           | 0.02%           | 0.002%        |
| 28        | 4.871       | 1174          | 1176        | 1189         | rVB4     | 897            | 888           | 0.08%           | 0.010%        |
| 29        | 4.958       | 1200          | 1203        | 1207         | rBV2     | 613            | 596           | 0.06%           | 0.007%        |
| 30        | 5.318       | 1291          | 1315        | 1348         | rVV2     | 354270         | 1066537       | 100.00%         | 11.957%       |
| 31        | 5.649       | 1415          | 1418        | 1420         | rVV      | 310            | 174           | 0.02%           | 0.002%        |
| 32        | 5.772       | 1453          | 1456        | 1460         | rBV3     | 225            | 239           | 0.02%           | 0.003%        |
| 33        | 5.865       | 1470          | 1485        | 1509         | rBV      | 374748         | 741559        | 69.53%          | 8.314%        |
| 34        | 6.125       | 1562          | 1566        | 1570         | rBV3     | 351            | 239           | 0.02%           | 0.003%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM080519WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |        |        |
|----|-------|------|------|------|------|--------|--------|--------|--------|
| 35 | 6.164 | 1572 | 1578 | 1590 | rVV6 | 1210   | 2347   | 0.22%  | 0.026% |
| 36 | 6.251 | 1602 | 1605 | 1608 | rVV  | 529    | 344    | 0.03%  | 0.004% |
| 37 | 6.309 | 1608 | 1623 | 1646 | rVV  | 244325 | 495279 | 46.44% | 5.553% |
| 38 | 6.437 | 1660 | 1663 | 1665 | rBV3 | 519    | 327    | 0.03%  | 0.004% |
| 39 | 6.469 | 1671 | 1673 | 1676 | rVB2 | 410    | 206    | 0.02%  | 0.002% |
| 40 | 6.505 | 1680 | 1684 | 1687 | rVB3 | 266    | 249    | 0.02%  | 0.003% |
| 41 | 6.521 | 1687 | 1689 | 1690 | rBV  | 311    | 155    | 0.01%  | 0.002% |
| 42 | 6.566 | 1699 | 1703 | 1706 | rBV2 | 233    | 229    | 0.02%  | 0.003% |
| 43 | 6.592 | 1708 | 1711 | 1715 | rVB  | 242    | 142    | 0.01%  | 0.002% |
| 44 | 6.627 | 1719 | 1722 | 1726 | rBV  | 337    | 272    | 0.03%  | 0.003% |
| 45 | 6.646 | 1726 | 1728 | 1731 | rVB2 | 346    | 203    | 0.02%  | 0.002% |
| 46 | 6.759 | 1755 | 1763 | 1766 | rVV2 | 209    | 334    | 0.03%  | 0.004% |
| 47 | 6.807 | 1770 | 1778 | 1787 | rVV2 | 1524   | 2821   | 0.26%  | 0.032% |
| 48 | 6.842 | 1787 | 1789 | 1795 | rVV4 | 923    | 990    | 0.09%  | 0.011% |
| 49 | 6.868 | 1795 | 1797 | 1805 | rVB3 | 562    | 557    | 0.05%  | 0.006% |
| 50 | 6.926 | 1811 | 1815 | 1820 | rVV2 | 215    | 208    | 0.02%  | 0.002% |
| 51 | 6.993 | 1833 | 1836 | 1841 | rBV  | 291    | 217    | 0.02%  | 0.002% |
| 52 | 7.074 | 1858 | 1861 | 1864 | rVB2 | 172    | 144    | 0.01%  | 0.002% |
| 53 | 7.209 | 1890 | 1903 | 1925 | rBV  | 131574 | 238423 | 22.35% | 2.673% |
| 54 | 7.376 | 1953 | 1955 | 1957 | rBV2 | 462    | 181    | 0.02%  | 0.002% |
| 55 | 7.405 | 1961 | 1964 | 1969 | rVB3 | 683    | 526    | 0.05%  | 0.006% |
| 56 | 7.444 | 1972 | 1976 | 1978 | rBV2 | 271    | 176    | 0.02%  | 0.002% |
| 57 | 7.546 | 1995 | 2008 | 2039 | rBV  | 445777 | 785047 | 73.61% | 8.801% |
| 58 | 7.784 | 2079 | 2082 | 2086 | rVB2 | 285    | 223    | 0.02%  | 0.003% |
| 59 | 7.833 | 2086 | 2097 | 2118 | rBV  | 93175  | 165197 | 15.49% | 1.852% |
| 60 | 8.003 | 2147 | 2150 | 2153 | rVB2 | 362    | 245    | 0.02%  | 0.003% |
| 61 | 8.032 | 2153 | 2159 | 2165 | rBV2 | 270    | 339    | 0.03%  | 0.004% |
| 62 | 8.164 | 2188 | 2200 | 2210 | rBV2 | 4050   | 7134   | 0.67%  | 0.080% |
| 63 | 8.241 | 2219 | 2224 | 2229 | rBV3 | 297    | 298    | 0.03%  | 0.003% |
| 64 | 8.296 | 2229 | 2241 | 2273 | rBV  | 340131 | 620354 | 58.17% | 6.955% |
| 65 | 8.543 | 2314 | 2318 | 2320 | rBV3 | 321    | 201    | 0.02%  | 0.002% |
| 66 | 8.691 | 2358 | 2364 | 2367 | rBV3 | 424    | 379    | 0.04%  | 0.004% |
| 67 | 8.707 | 2367 | 2369 | 2372 | rVV  | 355    | 244    | 0.02%  | 0.003% |
| 68 | 8.723 | 2372 | 2374 | 2376 | rVV2 | 309    | 162    | 0.02%  | 0.002% |
| 69 | 8.800 | 2393 | 2398 | 2401 | rVV2 | 261    | 216    | 0.02%  | 0.002% |
| 70 | 8.823 | 2401 | 2405 | 2409 | rVV  | 334    | 235    | 0.02%  | 0.003% |
| 71 | 8.887 | 2422 | 2425 | 2428 | rVB2 | 271    | 167    | 0.02%  | 0.002% |

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 Start Thrs: 0.2  
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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\SOMULM080519WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 9.074  | 2470 | 2483 | 2523 | rVV  | 562231 | 953906 | 89.44% | 10.695% |
| 73  | 9.286  | 2545 | 2549 | 2554 | rVB4 | 421    | 513    | 0.05%  | 0.006%  |
| 74  | 9.315  | 2554 | 2558 | 2562 | rBB2 | 294    | 225    | 0.02%  | 0.003%  |
| 75  | 9.476  | 2601 | 2608 | 2611 | rBV2 | 206    | 279    | 0.03%  | 0.003%  |
| 76  | 9.601  | 2642 | 2647 | 2650 | rBV2 | 212    | 219    | 0.02%  | 0.002%  |
| 77  | 9.916  | 2741 | 2745 | 2750 | rVB  | 321    | 300    | 0.03%  | 0.003%  |
| 78  | 9.952  | 2750 | 2756 | 2758 | rBV2 | 208    | 240    | 0.02%  | 0.003%  |
| 79  | 10.090 | 2796 | 2799 | 2803 | rBV  | 297    | 181    | 0.02%  | 0.002%  |
| 80  | 10.270 | 2849 | 2855 | 2861 | rBV2 | 408    | 633    | 0.06%  | 0.007%  |
| 81  | 10.415 | 2888 | 2900 | 2928 | rBV  | 400680 | 642900 | 60.28% | 7.208%  |
| 82  | 10.595 | 2944 | 2956 | 2968 | rVB3 | 3478   | 5884   | 0.55%  | 0.066%  |
| 83  | 10.730 | 2993 | 2998 | 3001 | rBV2 | 307    | 286    | 0.03%  | 0.003%  |
| 84  | 10.903 | 3048 | 3052 | 3057 | rBV2 | 276    | 282    | 0.03%  | 0.003%  |
| 85  | 10.942 | 3061 | 3064 | 3067 | rBV  | 281    | 222    | 0.02%  | 0.002%  |
| 86  | 11.064 | 3100 | 3102 | 3106 | rVB  | 350    | 201    | 0.02%  | 0.002%  |
| 87  | 11.186 | 3136 | 3140 | 3147 | rBV2 | 266    | 328    | 0.03%  | 0.004%  |
| 88  | 11.241 | 3154 | 3157 | 3159 | rBV2 | 199    | 141    | 0.01%  | 0.002%  |
| 89  | 11.469 | 3215 | 3228 | 3251 | rBV  | 549408 | 874292 | 81.97% | 9.802%  |
| 90  | 11.845 | 3331 | 3345 | 3375 | rBV  | 492852 | 810635 | 76.01% | 9.088%  |
| 91  | 12.103 | 3422 | 3425 | 3428 | rBV3 | 521    | 368    | 0.03%  | 0.004%  |
| 92  | 12.177 | 3446 | 3448 | 3452 | rBV2 | 333    | 283    | 0.03%  | 0.003%  |
| 93  | 12.299 | 3484 | 3486 | 3490 | rVB2 | 278    | 150    | 0.01%  | 0.002%  |
| 94  | 12.379 | 3509 | 3511 | 3515 | rBV  | 253    | 148    | 0.01%  | 0.002%  |
| 95  | 12.402 | 3515 | 3518 | 3521 | rBV2 | 296    | 210    | 0.02%  | 0.002%  |
| 96  | 12.440 | 3527 | 3530 | 3534 | rVB2 | 491    | 342    | 0.03%  | 0.004%  |
| 97  | 12.585 | 3572 | 3575 | 3581 | rVB2 | 457    | 390    | 0.04%  | 0.004%  |
| 98  | 12.826 | 3645 | 3650 | 3654 | rBV3 | 398    | 433    | 0.04%  | 0.005%  |
| 99  | 13.070 | 3722 | 3726 | 3727 | rBV2 | 325    | 259    | 0.02%  | 0.003%  |
| 100 | 14.205 | 4073 | 4079 | 4080 | rBV2 | 552    | 558    | 0.05%  | 0.006%  |

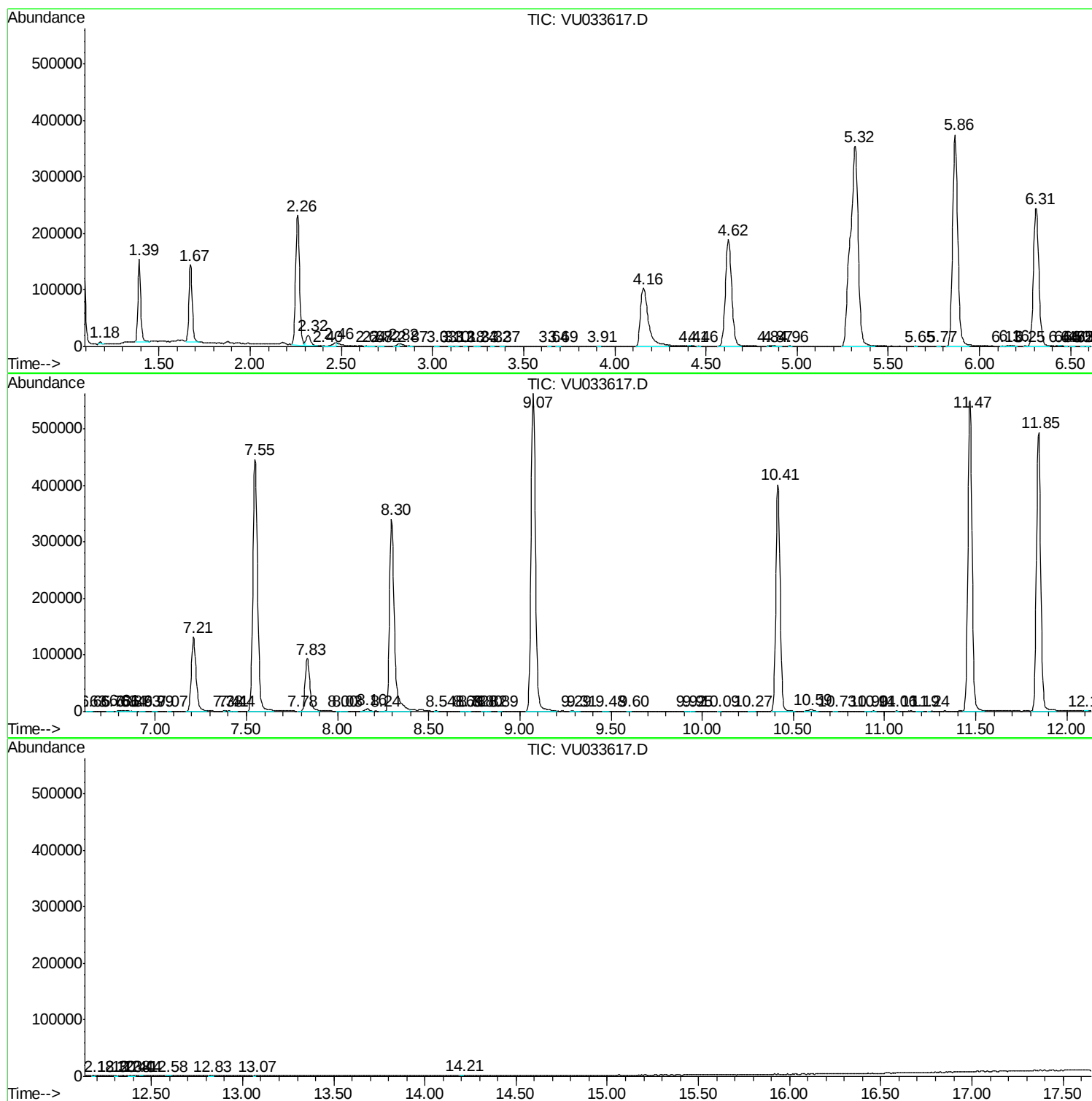
Sum of corrected areas: 8919470

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM080519WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU080719\  
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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        |