

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082119\  
 Data File : VU033873.D  
 Acq On : 21 Aug 2019 15:14  
 Operator : JC/SP  
 Sample : K4420-08  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F2B98

## 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\SOMULM081619WMA.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         | 1.174       | 21            | 26          | 35           | rBV2     | 14605          | 15591         | 0.97%           | 0.130%        |
| 2         | 1.389       | 86            | 93          | 107          | rBV      | 257670         | 268112        | 16.74%          | 2.227%        |
| 3         | 1.669       | 172           | 180         | 193          | rVB      | 221081         | 272389        | 17.01%          | 2.263%        |
| 4         | 2.254       | 352           | 362         | 375          | rVB      | 387638         | 597549        | 37.32%          | 4.964%        |
| 5         | 2.392       | 402           | 405         | 407          | rVB2     | 516            | 323           | 0.02%           | 0.003%        |
| 6         | 2.460       | 417           | 426         | 439          | rVB      | 2785           | 4992          | 0.31%           | 0.041%        |
| 7         | 2.547       | 451           | 453         | 458          | rVB2     | 620            | 453           | 0.03%           | 0.004%        |
| 8         | 2.582       | 458           | 464         | 467          | rBV2     | 400            | 377           | 0.02%           | 0.003%        |
| 9         | 2.611       | 470           | 473         | 475          | rBV2     | 593            | 356           | 0.02%           | 0.003%        |
| 10        | 2.679       | 491           | 494         | 495          | rBV      | 661            | 368           | 0.02%           | 0.003%        |
| 11        | 2.801       | 529           | 532         | 537          | rVB3     | 703            | 684           | 0.04%           | 0.006%        |
| 12        | 2.942       | 567           | 576         | 577          | rBV3     | 471            | 573           | 0.04%           | 0.005%        |
| 13        | 2.978       | 577           | 587         | 598          | rVV8     | 3838           | 8508          | 0.53%           | 0.071%        |
| 14        | 3.090       | 618           | 622         | 626          | rVB2     | 328            | 258           | 0.02%           | 0.002%        |
| 15        | 3.241       | 664           | 669         | 673          | rVB2     | 361            | 324           | 0.02%           | 0.003%        |
| 16        | 3.280       | 679           | 681         | 686          | rVB2     | 563            | 265           | 0.02%           | 0.002%        |
| 17        | 3.357       | 702           | 705         | 707          | rBV      | 422            | 299           | 0.02%           | 0.002%        |
| 18        | 3.373       | 707           | 710         | 714          | rVB3     | 431            | 311           | 0.02%           | 0.003%        |
| 19        | 3.405       | 714           | 720         | 724          | rBV3     | 426            | 338           | 0.02%           | 0.003%        |
| 20        | 3.502       | 746           | 750         | 754          | rVB2     | 334            | 297           | 0.02%           | 0.002%        |
| 21        | 3.939       | 883           | 886         | 890          | rBV2     | 283            | 253           | 0.02%           | 0.002%        |
| 22        | 4.151       | 940           | 952         | 994          | rBV      | 112398         | 355080        | 22.18%          | 2.950%        |
| 23        | 4.621       | 1081          | 1098        | 1128         | rBV      | 275360         | 650606        | 40.63%          | 5.405%        |
| 24        | 4.826       | 1159          | 1162        | 1166         | rBV3     | 346            | 266           | 0.02%           | 0.002%        |
| 25        | 4.862       | 1170          | 1173        | 1186         | rVB4     | 1706           | 2655          | 0.17%           | 0.022%        |
| 26        | 4.916       | 1186          | 1190        | 1191         | rBV2     | 467            | 288           | 0.02%           | 0.002%        |
| 27        | 4.936       | 1194          | 1196        | 1199         | rVB2     | 639            | 373           | 0.02%           | 0.003%        |
| 28        | 4.965       | 1199          | 1205        | 1212         | rBV5     | 716            | 1026          | 0.06%           | 0.009%        |
| 29        | 5.106       | 1246          | 1249        | 1253         | rBV2     | 422            | 288           | 0.02%           | 0.002%        |
| 30        | 5.225       | 1282          | 1286        | 1290         | rBV2     | 303            | 297           | 0.02%           | 0.002%        |
| 31        | 5.315       | 1290          | 1314        | 1346         | rBV2     | 538534         | 1601259       | 100.00%         | 13.303%       |
| 32        | 5.653       | 1414          | 1419        | 1423         | rVV3     | 616            | 563           | 0.04%           | 0.005%        |
| 33        | 5.711       | 1436          | 1437        | 1441         | rVB2     | 514            | 284           | 0.02%           | 0.002%        |
| 34        | 5.736       | 1441          | 1445        | 1448         | rBV2     | 792            | 621           | 0.04%           | 0.005%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM081619WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 35 | 5.865  | 1470 | 1485 | 1513 | rBV  | 463026 | 929308  | 58.04% | 7.721%  |
| 36 | 6.026  | 1533 | 1535 | 1538 | rBV3 | 607    | 356     | 0.02%  | 0.003%  |
| 37 | 6.158  | 1565 | 1576 | 1591 | rVB8 | 9754   | 21582   | 1.35%  | 0.179%  |
| 38 | 6.309  | 1609 | 1623 | 1645 | rBV  | 362754 | 736157  | 45.97% | 6.116%  |
| 39 | 6.543  | 1690 | 1696 | 1699 | rBV4 | 410    | 401     | 0.03%  | 0.003%  |
| 40 | 6.575  | 1703 | 1706 | 1710 | rVB3 | 351    | 299     | 0.02%  | 0.002%  |
| 41 | 6.601  | 1710 | 1714 | 1715 | rBV2 | 382    | 279     | 0.02%  | 0.002%  |
| 42 | 6.659  | 1728 | 1732 | 1737 | rVV3 | 524    | 406     | 0.03%  | 0.003%  |
| 43 | 6.707  | 1739 | 1747 | 1754 | rBV2 | 331    | 410     | 0.03%  | 0.003%  |
| 44 | 6.855  | 1783 | 1793 | 1798 | rBV5 | 918    | 1221    | 0.08%  | 0.010%  |
| 45 | 7.209  | 1891 | 1903 | 1933 | rVV  | 171382 | 316779  | 19.78% | 2.632%  |
| 46 | 7.379  | 1951 | 1956 | 1959 | rBV2 | 762    | 732     | 0.05%  | 0.006%  |
| 47 | 7.428  | 1969 | 1971 | 1975 | rVB2 | 629    | 396     | 0.02%  | 0.003%  |
| 48 | 7.463  | 1980 | 1982 | 1985 | rBV2 | 399    | 244     | 0.02%  | 0.002%  |
| 49 | 7.482  | 1985 | 1988 | 1993 | rVB3 | 413    | 420     | 0.03%  | 0.003%  |
| 50 | 7.547  | 1993 | 2008 | 2047 | rBV  | 693825 | 1229466 | 76.78% | 10.214% |
| 51 | 7.833  | 2086 | 2097 | 2121 | rBV  | 121349 | 219031  | 13.68% | 1.820%  |
| 52 | 8.055  | 2163 | 2166 | 2169 | rVB3 | 550    | 314     | 0.02%  | 0.003%  |
| 53 | 8.154  | 2189 | 2197 | 2201 | rBV2 | 503    | 630     | 0.04%  | 0.005%  |
| 54 | 8.215  | 2209 | 2216 | 2223 | rVV5 | 983    | 1258    | 0.08%  | 0.010%  |
| 55 | 8.296  | 2230 | 2241 | 2277 | rBV2 | 349184 | 694833  | 43.39% | 5.773%  |
| 56 | 8.630  | 2342 | 2345 | 2348 | rVB  | 685    | 403     | 0.03%  | 0.003%  |
| 57 | 8.656  | 2348 | 2353 | 2356 | rBV2 | 395    | 361     | 0.02%  | 0.003%  |
| 58 | 8.678  | 2356 | 2360 | 2363 | rVB3 | 539    | 333     | 0.02%  | 0.003%  |
| 59 | 8.698  | 2363 | 2366 | 2371 | rVB2 | 345    | 335     | 0.02%  | 0.003%  |
| 60 | 8.829  | 2398 | 2407 | 2412 | rBV5 | 1022   | 1262    | 0.08%  | 0.010%  |
| 61 | 9.071  | 2469 | 2482 | 2507 | rBV  | 712907 | 1202938 | 75.12% | 9.994%  |
| 62 | 9.283  | 2543 | 2548 | 2551 | rVB4 | 425    | 386     | 0.02%  | 0.003%  |
| 63 | 9.357  | 2568 | 2571 | 2577 | rBV3 | 643    | 594     | 0.04%  | 0.005%  |
| 64 | 9.482  | 2606 | 2610 | 2612 | rBV  | 452    | 261     | 0.02%  | 0.002%  |
| 65 | 9.772  | 2694 | 2700 | 2701 | rBV4 | 311    | 275     | 0.02%  | 0.002%  |
| 66 | 9.781  | 2701 | 2703 | 2708 | rVB2 | 436    | 285     | 0.02%  | 0.002%  |
| 67 | 9.923  | 2744 | 2747 | 2755 | rVB2 | 364    | 393     | 0.02%  | 0.003%  |
| 68 | 10.019 | 2774 | 2777 | 2780 | rVB2 | 449    | 261     | 0.02%  | 0.002%  |
| 69 | 10.170 | 2819 | 2824 | 2831 | rBV2 | 331    | 435     | 0.03%  | 0.004%  |
| 70 | 10.257 | 2846 | 2851 | 2854 | rBV2 | 347    | 275     | 0.02%  | 0.002%  |
| 71 | 10.321 | 2865 | 2871 | 2874 | rBV2 | 277    | 258     | 0.02%  | 0.002%  |

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM081619WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 10.415 | 2887 | 2900 | 2924 | rBV  | 503494 | 807949  | 50.46% | 6.712% |
| 73  | 10.598 | 2949 | 2957 | 2963 | rBV2 | 667    | 968     | 0.06%  | 0.008% |
| 74  | 10.646 | 2968 | 2972 | 2980 | rBV3 | 389    | 485     | 0.03%  | 0.004% |
| 75  | 10.794 | 3014 | 3018 | 3020 | rBV  | 355    | 260     | 0.02%  | 0.002% |
| 76  | 10.907 | 3049 | 3053 | 3056 | rBV2 | 410    | 322     | 0.02%  | 0.003% |
| 77  | 10.961 | 3067 | 3070 | 3073 | rBV2 | 430    | 280     | 0.02%  | 0.002% |
| 78  | 11.109 | 3113 | 3116 | 3119 | rBV2 | 565    | 309     | 0.02%  | 0.003% |
| 79  | 11.135 | 3121 | 3124 | 3126 | rVV3 | 405    | 247     | 0.02%  | 0.002% |
| 80  | 11.366 | 3193 | 3196 | 3200 | rBV2 | 295    | 285     | 0.02%  | 0.002% |
| 81  | 11.392 | 3200 | 3204 | 3208 | rVB4 | 413    | 402     | 0.03%  | 0.003% |
| 82  | 11.466 | 3215 | 3227 | 3254 | rBV  | 623412 | 998890  | 62.38% | 8.299% |
| 83  | 11.691 | 3294 | 3297 | 3299 | rBV2 | 565    | 397     | 0.02%  | 0.003% |
| 84  | 11.736 | 3309 | 3311 | 3315 | rBV3 | 451    | 313     | 0.02%  | 0.003% |
| 85  | 11.842 | 3331 | 3344 | 3369 | rBV  | 639918 | 1069535 | 66.79% | 8.886% |
| 86  | 12.061 | 3410 | 3412 | 3414 | rBV2 | 624    | 280     | 0.02%  | 0.002% |
| 87  | 12.135 | 3433 | 3435 | 3438 | rVB3 | 664    | 268     | 0.02%  | 0.002% |
| 88  | 12.218 | 3458 | 3461 | 3464 | rBV2 | 722    | 534     | 0.03%  | 0.004% |
| 89  | 12.279 | 3475 | 3480 | 3482 | rBV4 | 658    | 565     | 0.04%  | 0.005% |
| 90  | 12.431 | 3523 | 3527 | 3530 | rBV3 | 469    | 397     | 0.02%  | 0.003% |
| 91  | 12.508 | 3547 | 3551 | 3554 | rBV3 | 521    | 495     | 0.03%  | 0.004% |
| 92  | 12.643 | 3591 | 3593 | 3599 | rVB4 | 394    | 278     | 0.02%  | 0.002% |
| 93  | 12.675 | 3599 | 3603 | 3605 | rBV2 | 469    | 359     | 0.02%  | 0.003% |
| 94  | 12.961 | 3688 | 3692 | 3693 | rBV2 | 394    | 335     | 0.02%  | 0.003% |
| 95  | 13.498 | 3857 | 3859 | 3862 | rBV3 | 367    | 272     | 0.02%  | 0.002% |
| 96  | 13.630 | 3897 | 3900 | 3902 | rBV3 | 594    | 343     | 0.02%  | 0.003% |
| 97  | 13.652 | 3902 | 3907 | 3912 | rVB4 | 512    | 564     | 0.04%  | 0.005% |
| 98  | 13.746 | 3933 | 3936 | 3939 | rBV4 | 647    | 443     | 0.03%  | 0.004% |
| 99  | 14.829 | 4271 | 4273 | 4276 | rBV2 | 667    | 508     | 0.03%  | 0.004% |
| 100 | 15.170 | 4376 | 4379 | 4382 | rBV4 | 1030   | 754     | 0.05%  | 0.006% |

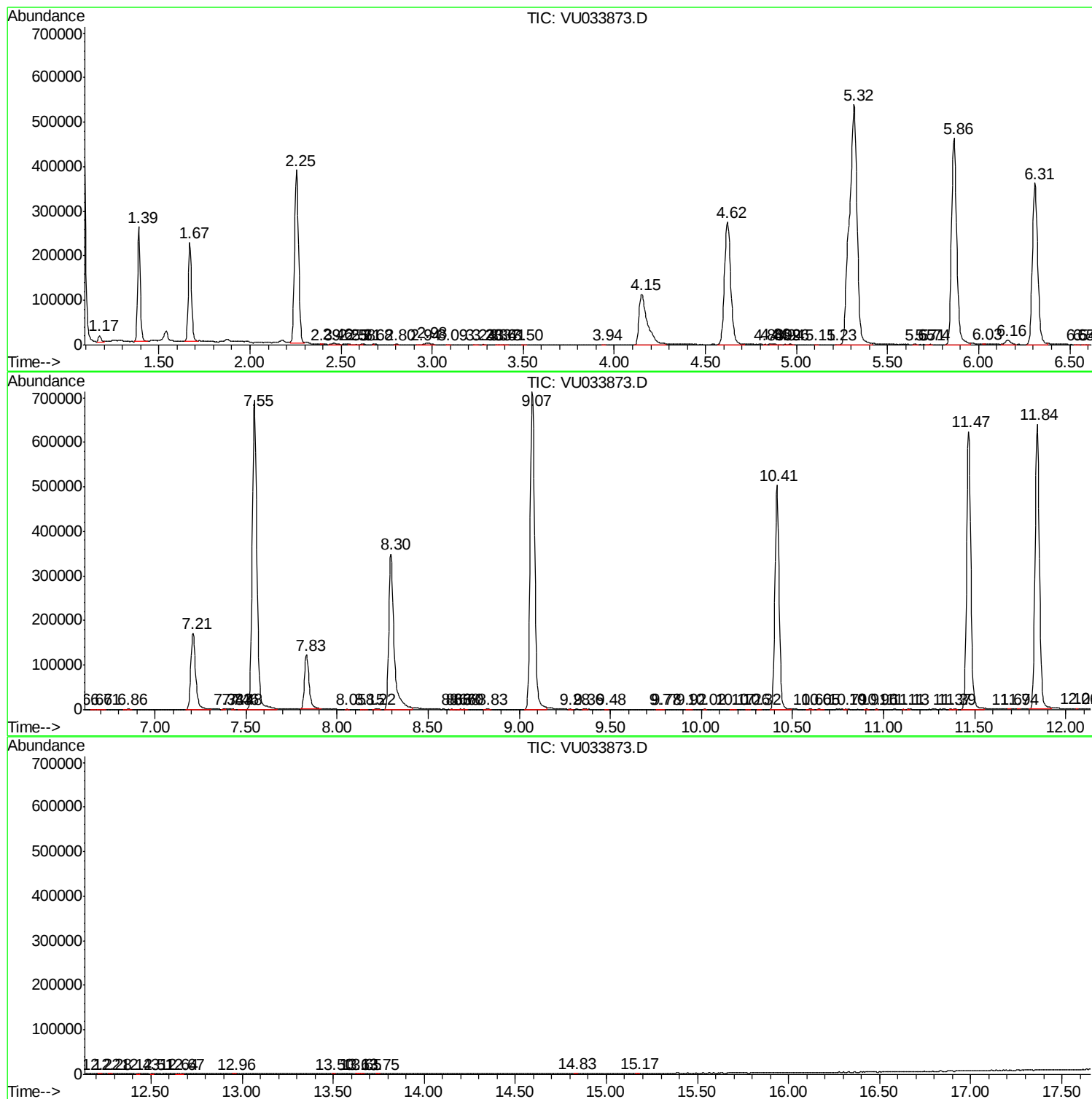
Sum of corrected areas: 12036840

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM081619WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU082119\  
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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          |