

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061119\  
 Data File : VU032602.D  
 Acq On : 11 Jun 2019 12:13  
 Operator : JC/SP  
 Sample : K3278-07DL 5X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DB8D3DL

## 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\SOMULM060619WMA.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      | 1.180    | 24         | 28       | 33        | rVB   | 3747        | 3192       | 0.48%        | 0.056%     |
| 2      | 1.283    | 55         | 60       | 69        | rVB   | 12445       | 12375      | 1.87%        | 0.216%     |
| 3      | 1.395    | 88         | 95       | 105       | rBV   | 82833       | 82770      | 12.49%       | 1.442%     |
| 4      | 1.675    | 174        | 182      | 196       | rVB   | 65628       | 80522      | 12.15%       | 1.402%     |
| 5      | 2.267    | 355        | 366      | 378       | rVB   | 139809      | 209933     | 31.69%       | 3.656%     |
| 6      | 2.450    | 417        | 423      | 430       | rVB4  | 638         | 838        | 0.13%        | 0.015%     |
| 7      | 2.527    | 444        | 447      | 452       | rVB2  | 277         | 191        | 0.03%        | 0.003%     |
| 8      | 2.694    | 496        | 499      | 504       | rBV2  | 286         | 267        | 0.04%        | 0.005%     |
| 9      | 2.836    | 531        | 543      | 554       | rVB   | 3745        | 7516       | 1.13%        | 0.131%     |
| 10     | 2.948    | 573        | 578      | 583       | rBV2  | 284         | 350        | 0.05%        | 0.006%     |
| 11     | 3.138    | 635        | 637      | 641       | rVB2  | 287         | 170        | 0.03%        | 0.003%     |
| 12     | 3.395    | 711        | 717      | 720       | rBV   | 221         | 211        | 0.03%        | 0.004%     |
| 13     | 3.874    | 863        | 866      | 874       | rVB2  | 184         | 203        | 0.03%        | 0.004%     |
| 14     | 4.083    | 925        | 931      | 933       | rBV   | 142         | 143        | 0.02%        | 0.002%     |
| 15     | 4.170    | 946        | 958      | 996       | rBV2  | 61775       | 185083     | 27.94%       | 3.224%     |
| 16     | 4.643    | 1088       | 1105     | 1127      | rBV   | 106543      | 249656     | 37.68%       | 4.348%     |
| 17     | 4.788    | 1145       | 1150     | 1154      | rVB2  | 424         | 434        | 0.07%        | 0.008%     |
| 18     | 4.823    | 1158       | 1161     | 1164      | rVB2  | 197         | 159        | 0.02%        | 0.003%     |
| 19     | 4.849    | 1164       | 1169     | 1170      | rBV2  | 265         | 182        | 0.03%        | 0.003%     |
| 20     | 4.858    | 1170       | 1172     | 1177      | rVB2  | 299         | 219        | 0.03%        | 0.004%     |
| 21     | 4.890    | 1177       | 1182     | 1186      | rBV4  | 348         | 419        | 0.06%        | 0.007%     |
| 22     | 4.948    | 1197       | 1200     | 1205      | rBV2  | 160         | 166        | 0.03%        | 0.003%     |
| 23     | 5.077    | 1235       | 1240     | 1244      | rVB2  | 244         | 211        | 0.03%        | 0.004%     |
| 24     | 5.125    | 1250       | 1255     | 1260      | rVV2  | 177         | 230        | 0.03%        | 0.004%     |
| 25     | 5.334    | 1294       | 1320     | 1350      | rBV2  | 210668      | 626523     | 94.57%       | 10.912%    |
| 26     | 5.710    | 1434       | 1437     | 1441      | rBV2  | 249         | 180        | 0.03%        | 0.003%     |
| 27     | 5.771    | 1452       | 1456     | 1459      | rBV   | 202         | 148        | 0.02%        | 0.003%     |
| 28     | 5.881    | 1471       | 1490     | 1522      | rBV   | 207102      | 409075     | 61.75%       | 7.125%     |
| 29     | 6.180    | 1570       | 1583     | 1608      | rBV   | 340478      | 662506     | 100.00%      | 11.539%    |
| 30     | 6.324    | 1615       | 1628     | 1647      | rVB   | 140853      | 277983     | 41.96%       | 4.841%     |
| 31     | 6.469    | 1670       | 1673     | 1677      | rVB3  | 383         | 287        | 0.04%        | 0.005%     |
| 32     | 6.659    | 1726       | 1732     | 1733      | rBV2  | 285         | 287        | 0.04%        | 0.005%     |
| 33     | 6.701    | 1741       | 1745     | 1748      | rBV2  | 278         | 226        | 0.03%        | 0.004%     |
| 34     | 6.730    | 1748       | 1754     | 1758      | rVV2  | 197         | 244        | 0.04%        | 0.004%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM060619WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 7.090  | 1862 | 1866 | 1871 | rBV2 | 140    | 146    | 0.02%  | 0.003% |
| 36 | 7.225  | 1897 | 1908 | 1932 | rBV  | 79743  | 146282 | 22.08% | 2.548% |
| 37 | 7.369  | 1948 | 1953 | 1958 | rVB  | 367    | 358    | 0.05%  | 0.006% |
| 38 | 7.434  | 1971 | 1973 | 1979 | rVB2 | 322    | 213    | 0.03%  | 0.004% |
| 39 | 7.466  | 1979 | 1983 | 1987 | rBV  | 225    | 193    | 0.03%  | 0.003% |
| 40 | 7.559  | 1999 | 2012 | 2031 | rBV  | 285850 | 495872 | 74.85% | 8.636% |
| 41 | 7.845  | 2091 | 2101 | 2121 | rBV  | 54172  | 94357  | 14.24% | 1.643% |
| 42 | 8.154  | 2194 | 2197 | 2199 | rBV2 | 240    | 159    | 0.02%  | 0.003% |
| 43 | 8.225  | 2215 | 2219 | 2225 | rVB4 | 530    | 577    | 0.09%  | 0.010% |
| 44 | 8.308  | 2234 | 2245 | 2278 | rBV2 | 169608 | 344443 | 51.99% | 5.999% |
| 45 | 8.546  | 2315 | 2319 | 2322 | rVV2 | 288    | 195    | 0.03%  | 0.003% |
| 46 | 8.582  | 2327 | 2330 | 2334 | rBV2 | 247    | 252    | 0.04%  | 0.004% |
| 47 | 8.604  | 2334 | 2337 | 2343 | rVB3 | 220    | 204    | 0.03%  | 0.004% |
| 48 | 8.694  | 2361 | 2365 | 2373 | rBV2 | 198    | 289    | 0.04%  | 0.005% |
| 49 | 8.746  | 2378 | 2381 | 2386 | rVB2 | 168    | 150    | 0.02%  | 0.003% |
| 50 | 9.029  | 2464 | 2469 | 2475 | rVB2 | 203    | 281    | 0.04%  | 0.005% |
| 51 | 9.086  | 2475 | 2487 | 2527 | rBV  | 295115 | 509325 | 76.88% | 8.871% |
| 52 | 9.257  | 2537 | 2540 | 2546 | rVB2 | 436    | 362    | 0.05%  | 0.006% |
| 53 | 9.479  | 2606 | 2609 | 2612 | rBV  | 191    | 148    | 0.02%  | 0.003% |
| 54 | 9.517  | 2617 | 2621 | 2625 | rBV  | 244    | 256    | 0.04%  | 0.004% |
| 55 | 9.707  | 2676 | 2680 | 2687 | rVB2 | 175    | 164    | 0.02%  | 0.003% |
| 56 | 9.784  | 2698 | 2704 | 2708 | rVV2 | 268    | 339    | 0.05%  | 0.006% |
| 57 | 9.807  | 2708 | 2711 | 2717 | rVB2 | 269    | 214    | 0.03%  | 0.004% |
| 58 | 9.868  | 2726 | 2730 | 2737 | rBV2 | 151    | 185    | 0.03%  | 0.003% |
| 59 | 10.141 | 2810 | 2815 | 2819 | rBV2 | 206    | 225    | 0.03%  | 0.004% |
| 60 | 10.215 | 2834 | 2838 | 2846 | rBV2 | 228    | 253    | 0.04%  | 0.004% |
| 61 | 10.311 | 2863 | 2868 | 2874 | rVB2 | 235    | 237    | 0.04%  | 0.004% |
| 62 | 10.427 | 2891 | 2904 | 2931 | rVB  | 206552 | 331042 | 49.97% | 5.766% |
| 63 | 10.533 | 2935 | 2937 | 2945 | rVB  | 214    | 187    | 0.03%  | 0.003% |
| 64 | 10.604 | 2953 | 2959 | 2962 | rBV2 | 288    | 389    | 0.06%  | 0.007% |
| 65 | 10.678 | 2976 | 2982 | 2986 | rBV2 | 244    | 260    | 0.04%  | 0.005% |
| 66 | 10.803 | 3018 | 3021 | 3026 | rVB2 | 212    | 172    | 0.03%  | 0.003% |
| 67 | 10.893 | 3046 | 3049 | 3054 | rVB2 | 259    | 208    | 0.03%  | 0.004% |
| 68 | 10.958 | 3066 | 3069 | 3075 | rVB2 | 268    | 243    | 0.04%  | 0.004% |
| 69 | 11.051 | 3092 | 3098 | 3100 | rBV  | 155    | 166    | 0.03%  | 0.003% |
| 70 | 11.170 | 3130 | 3135 | 3139 | rBV  | 144    | 178    | 0.03%  | 0.003% |
| 71 | 11.318 | 3177 | 3181 | 3184 | rBV2 | 264    | 174    | 0.03%  | 0.003% |

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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\SOMULM060619WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 11.363 | 3190 | 3195 | 3197 | rBV  | 205    | 155    | 0.02%  | 0.003% |
| 73  | 11.418 | 3208 | 3212 | 3215 | rBV2 | 192    | 163    | 0.02%  | 0.003% |
| 74  | 11.479 | 3217 | 3231 | 3257 | rBV  | 316745 | 504495 | 76.15% | 8.787% |
| 75  | 11.707 | 3299 | 3302 | 3306 | rVB3 | 289    | 171    | 0.03%  | 0.003% |
| 76  | 11.855 | 3334 | 3348 | 3369 | rBV  | 298492 | 488354 | 73.71% | 8.505% |
| 77  | 12.164 | 3441 | 3444 | 3449 | rVV  | 282    | 332    | 0.05%  | 0.006% |
| 78  | 12.237 | 3464 | 3467 | 3473 | rBV2 | 235    | 282    | 0.04%  | 0.005% |
| 79  | 12.299 | 3482 | 3486 | 3487 | rBV  | 216    | 149    | 0.02%  | 0.003% |
| 80  | 12.392 | 3512 | 3515 | 3519 | rBV2 | 210    | 148    | 0.02%  | 0.003% |
| 81  | 12.434 | 3522 | 3528 | 3531 | rBV  | 307    | 269    | 0.04%  | 0.005% |
| 82  | 12.594 | 3572 | 3578 | 3584 | rBV2 | 206    | 313    | 0.05%  | 0.005% |
| 83  | 12.649 | 3592 | 3595 | 3598 | rBV2 | 193    | 145    | 0.02%  | 0.003% |
| 84  | 12.990 | 3698 | 3701 | 3706 | rVB2 | 254    | 189    | 0.03%  | 0.003% |
| 85  | 13.266 | 3784 | 3787 | 3789 | rBV  | 233    | 161    | 0.02%  | 0.003% |
| 86  | 13.315 | 3797 | 3802 | 3807 | rBV2 | 279    | 322    | 0.05%  | 0.006% |
| 87  | 13.443 | 3840 | 3842 | 3850 | rVB2 | 372    | 324    | 0.05%  | 0.006% |
| 88  | 13.569 | 3878 | 3881 | 3885 | rVB2 | 236    | 197    | 0.03%  | 0.003% |
| 89  | 13.636 | 3897 | 3902 | 3904 | rBV3 | 301    | 266    | 0.04%  | 0.005% |
| 90  | 13.688 | 3913 | 3918 | 3925 | rBV2 | 414    | 534    | 0.08%  | 0.009% |
| 91  | 13.787 | 3946 | 3949 | 3958 | rBV3 | 229    | 298    | 0.04%  | 0.005% |
| 92  | 13.909 | 3984 | 3987 | 3993 | rVB3 | 473    | 375    | 0.06%  | 0.007% |
| 93  | 13.951 | 3996 | 4000 | 4001 | rBV2 | 237    | 174    | 0.03%  | 0.003% |
| 94  | 14.028 | 4021 | 4024 | 4028 | rVB  | 332    | 243    | 0.04%  | 0.004% |
| 95  | 14.080 | 4034 | 4040 | 4043 | rBV2 | 425    | 454    | 0.07%  | 0.008% |
| 96  | 14.170 | 4062 | 4068 | 4069 | rBV2 | 262    | 293    | 0.04%  | 0.005% |
| 97  | 14.263 | 4094 | 4097 | 4099 | rBV2 | 337    | 236    | 0.04%  | 0.004% |
| 98  | 14.800 | 4261 | 4264 | 4269 | rBV3 | 338    | 326    | 0.05%  | 0.006% |
| 99  | 15.157 | 4371 | 4375 | 4381 | rBV2 | 464    | 548    | 0.08%  | 0.010% |
| 100 | 15.797 | 4572 | 4574 | 4577 | rVB  | 410    | 165    | 0.02%  | 0.003% |

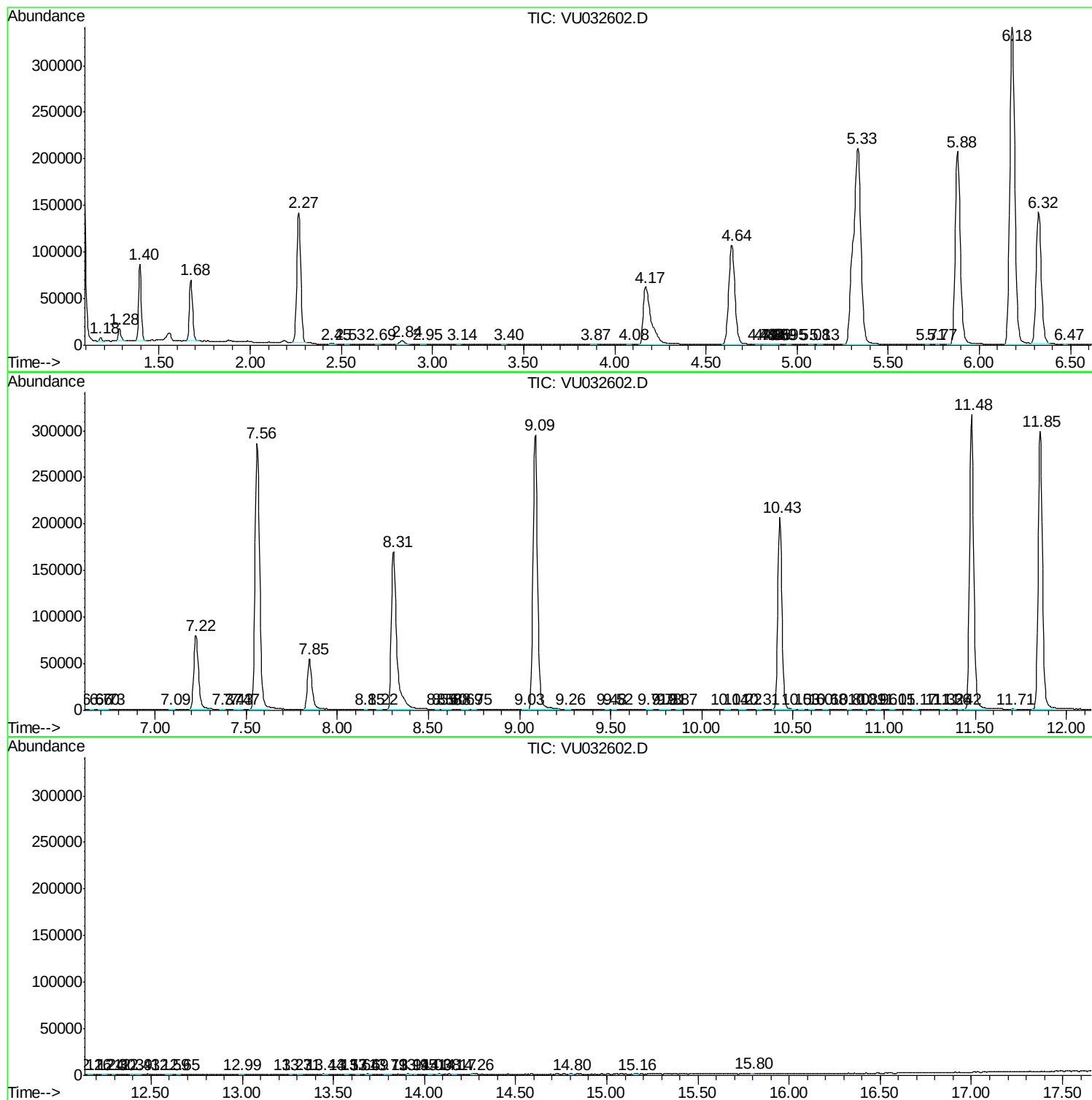
Sum of corrected areas: 5741678

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM060619WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU061119\  
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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          |