

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU072619\  
 Data File : VU033462.D  
 Acq On : 26 Jul 2019 18:36  
 Operator : JC/SP  
 Sample : K3976-09  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0C99

## 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\SOMULM071219WMA.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      | 1.392    | 86         | 94       | 107       | rBV2  | 229164      | 253790     | 8.91%        | 1.847%     |
| 2      | 1.543    | 135        | 141      | 150       | rVB   | 17598       | 20949      | 0.74%        | 0.152%     |
| 3      | 1.669    | 172        | 180      | 199       | rVB   | 144218      | 184091     | 6.46%        | 1.340%     |
| 4      | 2.257    | 352        | 363      | 375       | rVB   | 265335      | 412428     | 14.48%       | 3.001%     |
| 5      | 2.431    | 408        | 417      | 434       | rBV2  | 7931        | 14251      | 0.50%        | 0.104%     |
| 6      | 2.604    | 464        | 471      | 479       | rBV3  | 487         | 837        | 0.03%        | 0.006%     |
| 7      | 2.820    | 526        | 538      | 549       | rBV2  | 5479        | 11016      | 0.39%        | 0.080%     |
| 8      | 2.965    | 573        | 583      | 600       | rVB3  | 9737        | 18495      | 0.65%        | 0.135%     |
| 9      | 3.164    | 642        | 645      | 650       | rVB2  | 227         | 207        | 0.01%        | 0.002%     |
| 10     | 3.257    | 671        | 674      | 681       | rVB2  | 297         | 344        | 0.01%        | 0.003%     |
| 11     | 3.357    | 701        | 705      | 708       | rVB   | 274         | 224        | 0.01%        | 0.002%     |
| 12     | 3.434    | 727        | 729      | 732       | rVB2  | 374         | 206        | 0.01%        | 0.001%     |
| 13     | 3.695    | 804        | 810      | 814       | rBV   | 360         | 370        | 0.01%        | 0.003%     |
| 14     | 3.855    | 856        | 860      | 865       | rVB3  | 222         | 197        | 0.01%        | 0.001%     |
| 15     | 3.910    | 871        | 877      | 881       | rBV2  | 218         | 348        | 0.01%        | 0.003%     |
| 16     | 4.196    | 939        | 966      | 999       | rBV2  | 1070292     | 2848055    | 100.00%      | 20.726%    |
| 17     | 4.550    | 1073       | 1076     | 1079      | rBV2  | 539         | 471        | 0.02%        | 0.003%     |
| 18     | 4.620    | 1083       | 1098     | 1126      | rVB   | 176829      | 451288     | 15.85%       | 3.284%     |
| 19     | 4.765    | 1142       | 1143     | 1147      | rBV2  | 460         | 368        | 0.01%        | 0.003%     |
| 20     | 4.855    | 1165       | 1171     | 1174      | rBV5  | 858         | 1023       | 0.04%        | 0.007%     |
| 21     | 5.022    | 1220       | 1223     | 1227      | rVV2  | 275         | 306        | 0.01%        | 0.002%     |
| 22     | 5.058    | 1231       | 1234     | 1238      | rVB   | 302         | 238        | 0.01%        | 0.002%     |
| 23     | 5.315    | 1291       | 1314     | 1350      | rBV2  | 369049      | 1114014    | 39.11%       | 8.107%     |
| 24     | 5.498    | 1368       | 1371     | 1378      | rVB3  | 476         | 313        | 0.01%        | 0.002%     |
| 25     | 5.566    | 1389       | 1392     | 1397      | rVB3  | 353         | 272        | 0.01%        | 0.002%     |
| 26     | 5.604    | 1397       | 1404     | 1407      | rBV2  | 452         | 443        | 0.02%        | 0.003%     |
| 27     | 5.649    | 1415       | 1418     | 1424      | rVB4  | 484         | 505        | 0.02%        | 0.004%     |
| 28     | 5.694    | 1424       | 1432     | 1435      | rBV3  | 272         | 348        | 0.01%        | 0.003%     |
| 29     | 5.710    | 1435       | 1437     | 1442      | rBV2  | 217         | 246        | 0.01%        | 0.002%     |
| 30     | 5.736    | 1442       | 1445     | 1448      | rVB3  | 412         | 281        | 0.01%        | 0.002%     |
| 31     | 5.797    | 1461       | 1464     | 1467      | rBV2  | 248         | 217        | 0.01%        | 0.002%     |
| 32     | 5.865    | 1471       | 1485     | 1515      | rBV   | 293407      | 592903     | 20.82%       | 4.315%     |
| 33     | 6.083    | 1551       | 1553     | 1559      | rVB   | 318         | 232        | 0.01%        | 0.002%     |
| 34     | 6.112    | 1559       | 1562     | 1564      | rBV3  | 300         | 200        | 0.01%        | 0.001%     |

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 Max Peaks: 100  
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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\SOMULM071219WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |         |        |         |
|----|-------|------|------|------|------|--------|---------|--------|---------|
| 35 | 6.164 | 1564 | 1578 | 1609 | rVV  | 730272 | 1408196 | 49.44% | 10.248% |
| 36 | 6.309 | 1610 | 1623 | 1652 | rVB  | 247675 | 506336  | 17.78% | 3.685%  |
| 37 | 6.460 | 1669 | 1670 | 1675 | rVB2 | 617    | 387     | 0.01%  | 0.003%  |
| 38 | 6.495 | 1676 | 1681 | 1684 | rBV4 | 385    | 421     | 0.01%  | 0.003%  |
| 39 | 6.739 | 1753 | 1757 | 1762 | rVB2 | 233    | 200     | 0.01%  | 0.001%  |
| 40 | 6.775 | 1762 | 1768 | 1771 | rVB2 | 247    | 255     | 0.01%  | 0.002%  |
| 41 | 6.820 | 1779 | 1782 | 1788 | rBV  | 351    | 336     | 0.01%  | 0.002%  |
| 42 | 6.900 | 1804 | 1807 | 1810 | rBV3 | 417    | 308     | 0.01%  | 0.002%  |
| 43 | 6.952 | 1819 | 1823 | 1825 | rBV3 | 355    | 294     | 0.01%  | 0.002%  |
| 44 | 7.003 | 1836 | 1839 | 1846 | rVV2 | 251    | 344     | 0.01%  | 0.003%  |
| 45 | 7.138 | 1877 | 1881 | 1885 | rBV2 | 249    | 263     | 0.01%  | 0.002%  |
| 46 | 7.209 | 1891 | 1903 | 1924 | rBV  | 126644 | 233141  | 8.19%  | 1.697%  |
| 47 | 7.424 | 1967 | 1970 | 1977 | rVB3 | 410    | 392     | 0.01%  | 0.003%  |
| 48 | 7.546 | 1995 | 2008 | 2036 | rBV  | 480784 | 854996  | 30.02% | 6.222%  |
| 49 | 7.759 | 2072 | 2074 | 2081 | rVB2 | 756    | 589     | 0.02%  | 0.004%  |
| 50 | 7.833 | 2086 | 2097 | 2119 | rBV  | 92339  | 161929  | 5.69%  | 1.178%  |
| 51 | 8.061 | 2161 | 2168 | 2172 | rBV6 | 796    | 998     | 0.04%  | 0.007%  |
| 52 | 8.209 | 2191 | 2214 | 2231 | rBV  | 757724 | 1308635 | 45.95% | 9.523%  |
| 53 | 8.296 | 2231 | 2241 | 2276 | rVB  | 288945 | 541917  | 19.03% | 3.944%  |
| 54 | 8.534 | 2311 | 2315 | 2318 | rVV3 | 561    | 428     | 0.02%  | 0.003%  |
| 55 | 8.550 | 2318 | 2320 | 2327 | rVB4 | 528    | 522     | 0.02%  | 0.004%  |
| 56 | 8.662 | 2351 | 2355 | 2357 | rBV2 | 448    | 349     | 0.01%  | 0.003%  |
| 57 | 8.723 | 2370 | 2374 | 2377 | rBV2 | 423    | 335     | 0.01%  | 0.002%  |
| 58 | 8.762 | 2384 | 2386 | 2390 | rVB3 | 370    | 305     | 0.01%  | 0.002%  |
| 59 | 8.784 | 2390 | 2393 | 2396 | rBV3 | 476    | 339     | 0.01%  | 0.002%  |
| 60 | 8.810 | 2399 | 2401 | 2404 | rVV  | 339    | 268     | 0.01%  | 0.002%  |
| 61 | 8.906 | 2427 | 2431 | 2434 | rVB2 | 421    | 358     | 0.01%  | 0.003%  |
| 62 | 9.070 | 2470 | 2482 | 2519 | rVV  | 447858 | 766638  | 26.92% | 5.579%  |
| 63 | 9.244 | 2533 | 2536 | 2540 | rVB2 | 387    | 333     | 0.01%  | 0.002%  |
| 64 | 9.270 | 2540 | 2544 | 2545 | rBV  | 391    | 230     | 0.01%  | 0.002%  |
| 65 | 9.424 | 2589 | 2592 | 2598 | rVB2 | 226    | 203     | 0.01%  | 0.001%  |
| 66 | 9.460 | 2598 | 2603 | 2605 | rBV  | 240    | 230     | 0.01%  | 0.002%  |
| 67 | 9.527 | 2621 | 2624 | 2629 | rVB2 | 349    | 317     | 0.01%  | 0.002%  |
| 68 | 9.562 | 2631 | 2635 | 2637 | rBV  | 288    | 213     | 0.01%  | 0.002%  |
| 69 | 9.595 | 2641 | 2645 | 2649 | rBV2 | 399    | 354     | 0.01%  | 0.003%  |
| 70 | 9.717 | 2680 | 2683 | 2692 | rVB3 | 327    | 394     | 0.01%  | 0.003%  |
| 71 | 9.759 | 2692 | 2696 | 2701 | rBV2 | 627    | 587     | 0.02%  | 0.004%  |

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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\SOMULM071219WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 9.906  | 2736 | 2742 | 2745 | rBV2 | 287    | 372    | 0.01%  | 0.003% |
| 73  | 10.083 | 2794 | 2797 | 2801 | rBV2 | 355    | 282    | 0.01%  | 0.002% |
| 74  | 10.128 | 2808 | 2811 | 2815 | rBV2 | 208    | 221    | 0.01%  | 0.002% |
| 75  | 10.151 | 2815 | 2818 | 2822 | rVV  | 272    | 306    | 0.01%  | 0.002% |
| 76  | 10.273 | 2853 | 2856 | 2859 | rBV  | 280    | 202    | 0.01%  | 0.001% |
| 77  | 10.414 | 2888 | 2900 | 2918 | rBV  | 363453 | 582497 | 20.45% | 4.239% |
| 78  | 10.537 | 2934 | 2938 | 2941 | rVB2 | 249    | 222    | 0.01%  | 0.002% |
| 79  | 10.575 | 2946 | 2950 | 2951 | rBV2 | 699    | 420    | 0.01%  | 0.003% |
| 80  | 10.595 | 2951 | 2956 | 2962 | rVV5 | 1842   | 2155   | 0.08%  | 0.016% |
| 81  | 10.643 | 2967 | 2971 | 2976 | rBV  | 435    | 418    | 0.01%  | 0.003% |
| 82  | 10.842 | 3030 | 3033 | 3036 | rVB3 | 456    | 324    | 0.01%  | 0.002% |
| 83  | 10.865 | 3036 | 3040 | 3042 | rBV2 | 360    | 249    | 0.01%  | 0.002% |
| 84  | 11.025 | 3086 | 3090 | 3092 | rBV  | 258    | 218    | 0.01%  | 0.002% |
| 85  | 11.083 | 3104 | 3108 | 3110 | rBV3 | 248    | 224    | 0.01%  | 0.002% |
| 86  | 11.151 | 3126 | 3129 | 3133 | rBV2 | 400    | 291    | 0.01%  | 0.002% |
| 87  | 11.414 | 3207 | 3211 | 3213 | rBV2 | 329    | 298    | 0.01%  | 0.002% |
| 88  | 11.469 | 3216 | 3228 | 3246 | rBV  | 412179 | 657707 | 23.09% | 4.786% |
| 89  | 11.845 | 3332 | 3345 | 3370 | rBV  | 469551 | 767946 | 26.96% | 5.589% |
| 90  | 12.048 | 3406 | 3408 | 3413 | rVB4 | 510    | 354    | 0.01%  | 0.003% |
| 91  | 12.196 | 3452 | 3454 | 3457 | rBV2 | 306    | 207    | 0.01%  | 0.002% |
| 92  | 12.270 | 3475 | 3477 | 3481 | rBV2 | 417    | 331    | 0.01%  | 0.002% |
| 93  | 12.302 | 3485 | 3487 | 3491 | rVB  | 360    | 217    | 0.01%  | 0.002% |
| 94  | 12.360 | 3501 | 3505 | 3507 | rBV  | 409    | 349    | 0.01%  | 0.003% |
| 95  | 12.964 | 3688 | 3693 | 3697 | rBV4 | 438    | 552    | 0.02%  | 0.004% |
| 96  | 13.090 | 3729 | 3732 | 3736 | rBV  | 374    | 301    | 0.01%  | 0.002% |
| 97  | 13.344 | 3808 | 3811 | 3812 | rBV  | 287    | 198    | 0.01%  | 0.001% |
| 98  | 13.427 | 3834 | 3837 | 3840 | rVB2 | 385    | 204    | 0.01%  | 0.001% |
| 99  | 16.006 | 4636 | 4639 | 4644 | rBV5 | 1072   | 852    | 0.03%  | 0.006% |
| 100 | 16.250 | 4712 | 4715 | 4720 | rBV4 | 1454   | 1402   | 0.05%  | 0.010% |

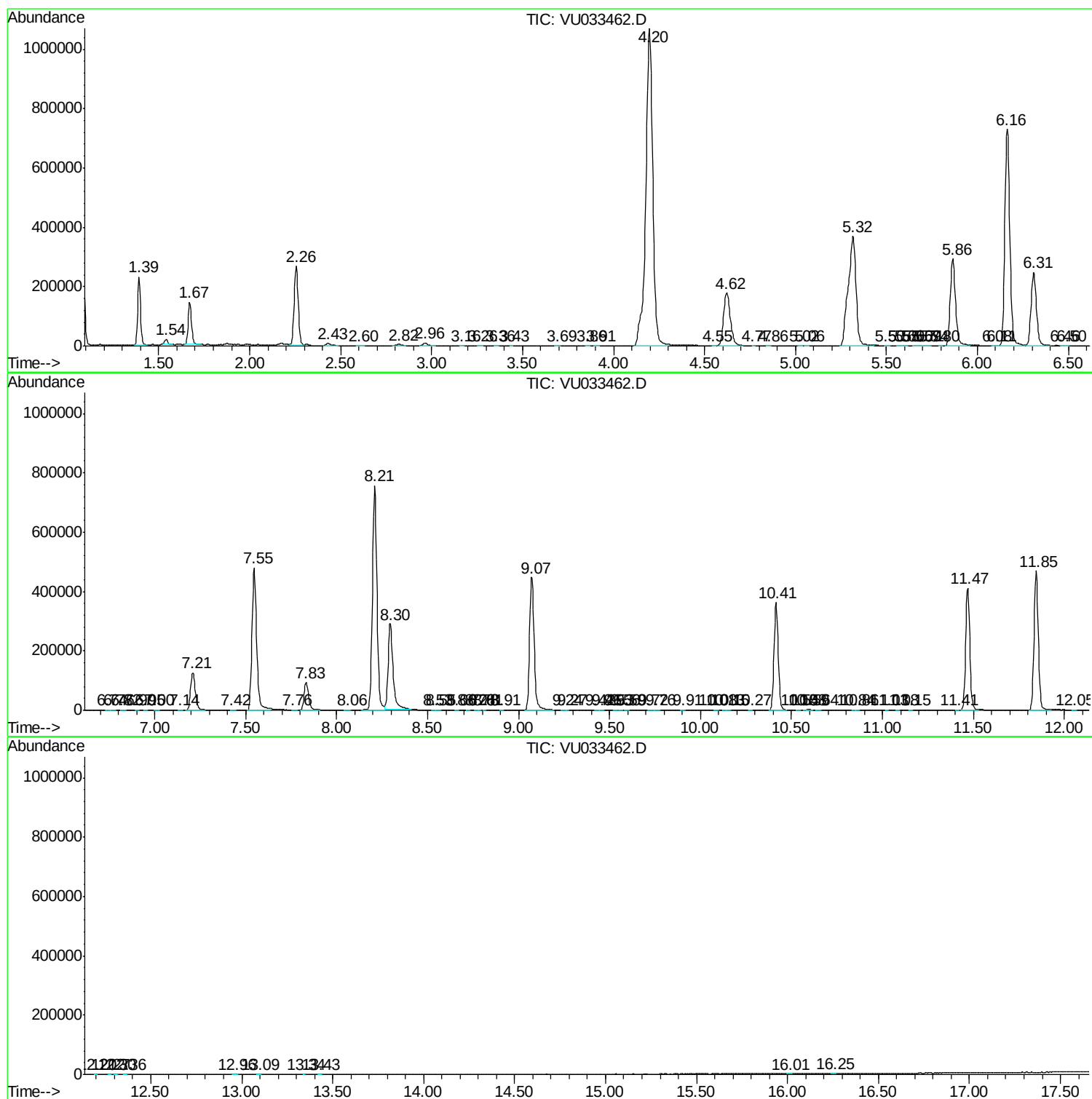
Sum of corrected areas: 13741135

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM071219WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU072619\  
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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          |