

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\  
 Data File : VU032961.D  
 Acq On : 21 Jun 2019 21:46  
 Operator : JC/SP  
 Sample : K3463-21  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETF31

## 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\SOMULM061719WMA.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      | 1.396    | 88         | 95       | 110       | rVB2  | 102422      | 111627     | 7.84%        | 1.639%     |
| 2      | 1.675    | 174        | 182      | 195       | rVB   | 65659       | 80618      | 5.66%        | 1.184%     |
| 3      | 2.264    | 355        | 365      | 378       | rVB   | 130640      | 200299     | 14.06%       | 2.941%     |
| 4      | 2.450    | 420        | 423      | 428       | rVB3  | 717         | 575        | 0.04%        | 0.008%     |
| 5      | 2.624    | 475        | 477      | 481       | rVB2  | 446         | 261        | 0.02%        | 0.004%     |
| 6      | 2.717    | 503        | 506      | 508       | rVB2  | 461         | 217        | 0.02%        | 0.003%     |
| 7      | 2.749    | 514        | 516      | 520       | rBV2  | 248         | 202        | 0.01%        | 0.003%     |
| 8      | 2.807    | 531        | 534      | 538       | rVB2  | 335         | 246        | 0.02%        | 0.004%     |
| 9      | 2.843    | 540        | 545      | 550       | rVV5  | 445         | 552        | 0.04%        | 0.008%     |
| 10     | 2.875    | 553        | 555      | 559       | rVB3  | 276         | 194        | 0.01%        | 0.003%     |
| 11     | 2.913    | 562        | 567      | 571       | rBV   | 319         | 330        | 0.02%        | 0.005%     |
| 12     | 2.978    | 579        | 587      | 599       | rVB3  | 3808        | 7446       | 0.52%        | 0.109%     |
| 13     | 3.026    | 599        | 602      | 606       | rVB   | 359         | 239        | 0.02%        | 0.004%     |
| 14     | 3.045    | 606        | 608      | 612       | rBV   | 353         | 244        | 0.02%        | 0.004%     |
| 15     | 3.190    | 652        | 653      | 659       | rVB3  | 425         | 311        | 0.02%        | 0.005%     |
| 16     | 3.248    | 668        | 671      | 678       | rVB3  | 324         | 348        | 0.02%        | 0.005%     |
| 17     | 3.424    | 721        | 726      | 727       | rBV4  | 431         | 350        | 0.02%        | 0.005%     |
| 18     | 3.444    | 730        | 732      | 738       | rVB4  | 637         | 590        | 0.04%        | 0.009%     |
| 19     | 3.489    | 738        | 746      | 747       | rBV2  | 256         | 276        | 0.02%        | 0.004%     |
| 20     | 3.556    | 762        | 767      | 771       | rBV2  | 294         | 271        | 0.02%        | 0.004%     |
| 21     | 3.759    | 826        | 830      | 833       | rBV2  | 314         | 287        | 0.02%        | 0.004%     |
| 22     | 3.823    | 847        | 850      | 852       | rBV2  | 284         | 197        | 0.01%        | 0.003%     |
| 23     | 3.865    | 857        | 863      | 866       | rVB3  | 246         | 250        | 0.02%        | 0.004%     |
| 24     | 3.920    | 876        | 880      | 883       | rBV2  | 300         | 295        | 0.02%        | 0.004%     |
| 25     | 3.958    | 888        | 892      | 897       | rVB4  | 321         | 361        | 0.03%        | 0.005%     |
| 26     | 4.029    | 911        | 914      | 919       | rVB2  | 293         | 200        | 0.01%        | 0.003%     |
| 27     | 4.113    | 932        | 940      | 942       | rBV2  | 404         | 381        | 0.03%        | 0.006%     |
| 28     | 4.215    | 946        | 972      | 1005      | rBV2  | 508252      | 1424145    | 100.00%      | 20.914%    |
| 29     | 4.502    | 1059       | 1061     | 1063      | rBV2  | 479         | 259        | 0.02%        | 0.004%     |
| 30     | 4.582    | 1081       | 1086     | 1088      | rBV2  | 408         | 369        | 0.03%        | 0.005%     |
| 31     | 4.640    | 1088       | 1104     | 1130      | rVV   | 119098      | 278607     | 19.56%       | 4.091%     |
| 32     | 4.797    | 1149       | 1153     | 1157      | rBV4  | 406         | 314        | 0.02%        | 0.005%     |
| 33     | 4.823    | 1157       | 1161     | 1164      | rBV3  | 316         | 257        | 0.02%        | 0.004%     |
| 34     | 4.865    | 1170       | 1174     | 1175      | rBV   | 463         | 235        | 0.02%        | 0.003%     |

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 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\SOMULM061719WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |        |        |
|----|-------|------|------|------|------|--------|--------|--------|--------|
| 35 | 4.878 | 1175 | 1178 | 1179 | rBV3 | 536    | 284    | 0.02%  | 0.004% |
| 36 | 4.929 | 1191 | 1194 | 1197 | rVV3 | 360    | 259    | 0.02%  | 0.004% |
| 37 | 5.048 | 1227 | 1231 | 1236 | rBV3 | 346    | 302    | 0.02%  | 0.004% |
| 38 | 5.071 | 1236 | 1238 | 1241 | rBV2 | 322    | 207    | 0.01%  | 0.003% |
| 39 | 5.145 | 1259 | 1261 | 1264 | rVB3 | 323    | 194    | 0.01%  | 0.003% |
| 40 | 5.164 | 1264 | 1267 | 1271 | rVB3 | 397    | 299    | 0.02%  | 0.004% |
| 41 | 5.228 | 1282 | 1287 | 1289 | rBV2 | 253    | 218    | 0.02%  | 0.003% |
| 42 | 5.331 | 1296 | 1319 | 1346 | rBV2 | 223216 | 672006 | 47.19% | 9.869% |
| 43 | 5.553 | 1386 | 1388 | 1393 | rVB2 | 434    | 302    | 0.02%  | 0.004% |
| 44 | 5.588 | 1393 | 1399 | 1405 | rBV3 | 481    | 643    | 0.05%  | 0.009% |
| 45 | 5.662 | 1418 | 1422 | 1426 | rBV4 | 491    | 319    | 0.02%  | 0.005% |
| 46 | 5.685 | 1426 | 1429 | 1433 | rVB3 | 233    | 194    | 0.01%  | 0.003% |
| 47 | 5.749 | 1446 | 1449 | 1453 | rBV3 | 450    | 347    | 0.02%  | 0.005% |
| 48 | 5.881 | 1475 | 1490 | 1523 | rBV  | 239818 | 475343 | 33.38% | 6.981% |
| 49 | 6.010 | 1526 | 1530 | 1535 | rBV3 | 416    | 402    | 0.03%  | 0.006% |
| 50 | 6.170 | 1572 | 1580 | 1595 | rVB6 | 2870   | 5605   | 0.39%  | 0.082% |
| 51 | 6.231 | 1595 | 1599 | 1604 | rBV3 | 550    | 559    | 0.04%  | 0.008% |
| 52 | 6.260 | 1604 | 1608 | 1611 | rBV3 | 396    | 405    | 0.03%  | 0.006% |
| 53 | 6.325 | 1614 | 1628 | 1648 | rBV2 | 157973 | 314538 | 22.09% | 4.619% |
| 54 | 6.466 | 1669 | 1672 | 1677 | rVV4 | 594    | 555    | 0.04%  | 0.008% |
| 55 | 6.505 | 1681 | 1684 | 1688 | rVB2 | 445    | 321    | 0.02%  | 0.005% |
| 56 | 6.572 | 1704 | 1705 | 1711 | rVB3 | 406    | 288    | 0.02%  | 0.004% |
| 57 | 6.923 | 1810 | 1814 | 1815 | rBV  | 307    | 207    | 0.01%  | 0.003% |
| 58 | 7.016 | 1840 | 1843 | 1849 | rVB2 | 345    | 266    | 0.02%  | 0.004% |
| 59 | 7.222 | 1895 | 1907 | 1929 | rBV  | 87801  | 156096 | 10.96% | 2.292% |
| 60 | 7.402 | 1960 | 1963 | 1964 | rBV3 | 340    | 192    | 0.01%  | 0.003% |
| 61 | 7.437 | 1971 | 1974 | 1979 | rBV3 | 324    | 299    | 0.02%  | 0.004% |
| 62 | 7.479 | 1984 | 1987 | 1994 | rBV3 | 288    | 264    | 0.02%  | 0.004% |
| 63 | 7.514 | 1994 | 1998 | 1999 | rBV3 | 270    | 192    | 0.01%  | 0.003% |
| 64 | 7.559 | 2000 | 2012 | 2037 | rBV  | 286864 | 497622 | 34.94% | 7.308% |
| 65 | 7.768 | 2071 | 2077 | 2079 | rBV3 | 381    | 411    | 0.03%  | 0.006% |
| 66 | 7.801 | 2085 | 2087 | 2091 | rBV2 | 340    | 313    | 0.02%  | 0.005% |
| 67 | 7.846 | 2091 | 2101 | 2123 | rVV  | 61535  | 107650 | 7.56%  | 1.581% |
| 68 | 8.174 | 2192 | 2203 | 2216 | rBV3 | 2019   | 3166   | 0.22%  | 0.046% |
| 69 | 8.305 | 2231 | 2244 | 2283 | rBV  | 212795 | 399576 | 28.06% | 5.868% |
| 70 | 8.495 | 2300 | 2303 | 2308 | rVB3 | 523    | 423    | 0.03%  | 0.006% |
| 71 | 8.720 | 2368 | 2373 | 2375 | rBV2 | 400    | 361    | 0.03%  | 0.005% |

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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\SOMULM061719WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 8.855  | 2411 | 2415 | 2416 | rBV2 | 298    | 211    | 0.01%  | 0.003% |
| 73  | 8.974  | 2447 | 2452 | 2456 | rBV2 | 206    | 248    | 0.02%  | 0.004% |
| 74  | 9.083  | 2474 | 2486 | 2508 | rBV  | 362354 | 601657 | 42.25% | 8.836% |
| 75  | 9.280  | 2543 | 2547 | 2551 | rBV3 | 250    | 225    | 0.02%  | 0.003% |
| 76  | 9.373  | 2572 | 2576 | 2577 | rBV3 | 372    | 253    | 0.02%  | 0.004% |
| 77  | 9.424  | 2588 | 2592 | 2595 | rVB2 | 345    | 274    | 0.02%  | 0.004% |
| 78  | 9.489  | 2609 | 2612 | 2614 | rBV  | 302    | 249    | 0.02%  | 0.004% |
| 79  | 9.813  | 2709 | 2713 | 2715 | rBV2 | 221    | 208    | 0.01%  | 0.003% |
| 80  | 9.849  | 2722 | 2724 | 2729 | rBV3 | 232    | 229    | 0.02%  | 0.003% |
| 81  | 9.919  | 2741 | 2746 | 2751 | rVB3 | 247    | 260    | 0.02%  | 0.004% |
| 82  | 9.955  | 2755 | 2757 | 2764 | rVB2 | 275    | 275    | 0.02%  | 0.004% |
| 83  | 10.193 | 2828 | 2831 | 2837 | rBV2 | 344    | 269    | 0.02%  | 0.004% |
| 84  | 10.427 | 2891 | 2904 | 2926 | rVB  | 241182 | 387416 | 27.20% | 5.689% |
| 85  | 10.607 | 2951 | 2960 | 2967 | rBV3 | 1959   | 2726   | 0.19%  | 0.040% |
| 86  | 10.816 | 3022 | 3025 | 3031 | rBV2 | 367    | 432    | 0.03%  | 0.006% |
| 87  | 10.878 | 3037 | 3044 | 3045 | rBV3 | 346    | 434    | 0.03%  | 0.006% |
| 88  | 11.116 | 3113 | 3118 | 3122 | rBV2 | 308    | 321    | 0.02%  | 0.005% |
| 89  | 11.308 | 3172 | 3178 | 3182 | rBV2 | 302    | 387    | 0.03%  | 0.006% |
| 90  | 11.479 | 3219 | 3231 | 3254 | rBV  | 350903 | 559130 | 39.26% | 8.211% |
| 91  | 11.855 | 3335 | 3348 | 3366 | rBV  | 303405 | 499315 | 35.06% | 7.333% |
| 92  | 12.183 | 3447 | 3450 | 3454 | rBV4 | 367    | 255    | 0.02%  | 0.004% |
| 93  | 12.479 | 3537 | 3542 | 3543 | rBV3 | 394    | 319    | 0.02%  | 0.005% |
| 94  | 12.804 | 3639 | 3643 | 3646 | rBV2 | 281    | 262    | 0.02%  | 0.004% |
| 95  | 12.868 | 3661 | 3663 | 3666 | rBV3 | 303    | 227    | 0.02%  | 0.003% |
| 96  | 12.964 | 3689 | 3693 | 3695 | rBV  | 378    | 316    | 0.02%  | 0.005% |
| 97  | 14.138 | 4055 | 4058 | 4064 | rBV4 | 476    | 528    | 0.04%  | 0.008% |
| 98  | 14.504 | 4169 | 4172 | 4174 | rBV3 | 494    | 296    | 0.02%  | 0.004% |
| 99  | 14.517 | 4174 | 4176 | 4179 | rVV  | 424    | 275    | 0.02%  | 0.004% |
| 100 | 14.797 | 4260 | 4263 | 4266 | rBV2 | 721    | 555    | 0.04%  | 0.008% |

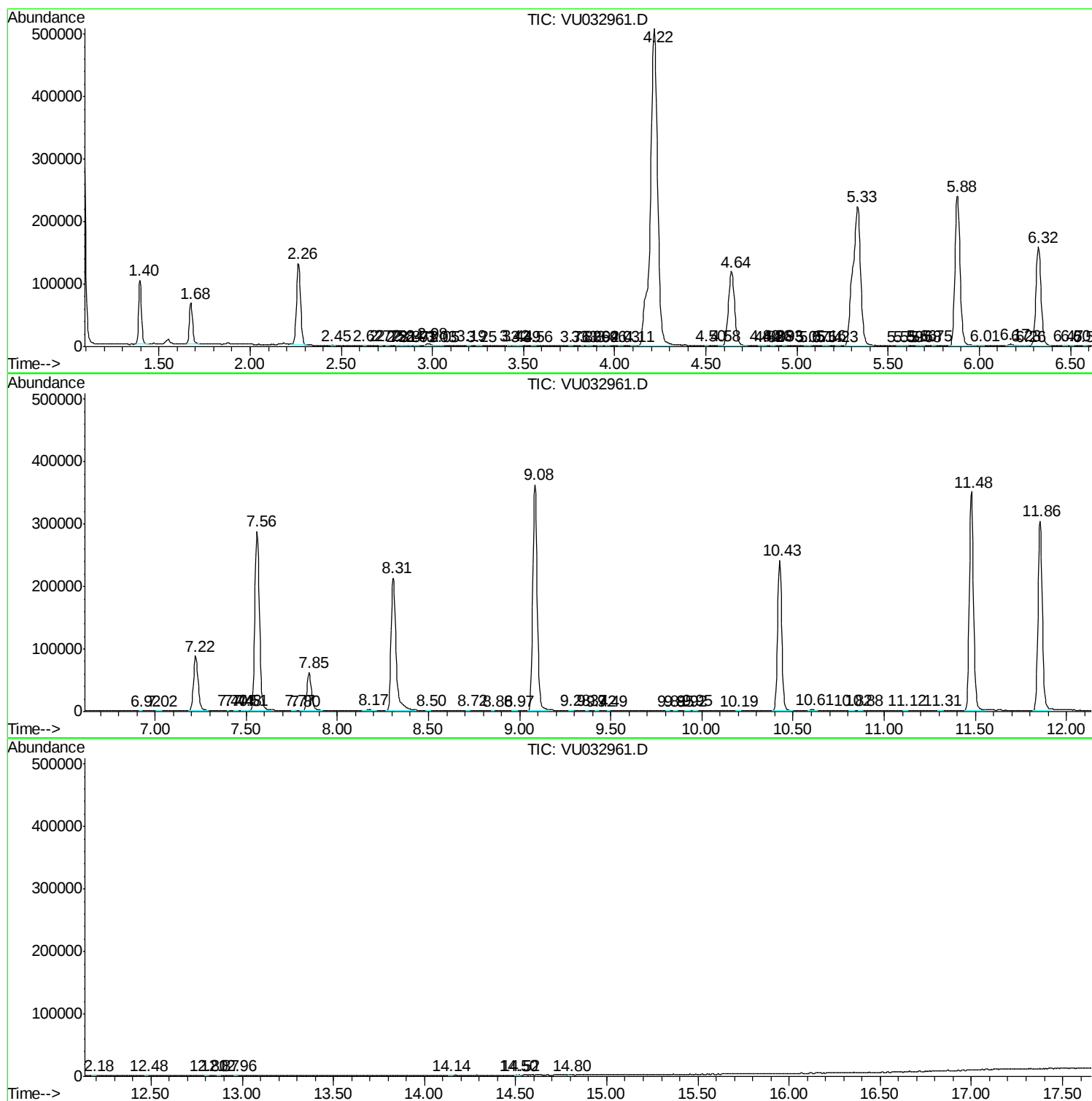
Sum of corrected areas: 6809533

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM061719WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU062219\  
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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        |