

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU121818\  
 Data File : VU028771.D  
 Acq On : 18 Dec 2018 15:46  
 Operator : MD/SY  
 Sample : J6471-09  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9H18

## 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\SOMULM120718WMA.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         | 1.399       | 63            | 70          | 83           | rVB      | 123218         | 123887        | 15.95%          | 2.077%        |
| 2         | 1.669       | 146           | 154         | 172          | rVB      | 88737          | 113224        | 14.57%          | 1.898%        |
| 3         | 2.267       | 330           | 340         | 353          | rBV      | 177138         | 269326        | 34.67%          | 4.516%        |
| 4         | 2.383       | 374           | 376         | 382          | rVB      | 312            | 230           | 0.03%           | 0.004%        |
| 5         | 2.614       | 442           | 448         | 449          | rBV2     | 752            | 644           | 0.08%           | 0.011%        |
| 6         | 2.701       | 470           | 475         | 477          | rBV3     | 407            | 317           | 0.04%           | 0.005%        |
| 7         | 2.833       | 508           | 516         | 529          | rBV2     | 1189           | 2458          | 0.32%           | 0.041%        |
| 8         | 2.968       | 554           | 558         | 561          | rBV      | 123            | 93            | 0.01%           | 0.002%        |
| 9         | 3.010       | 568           | 571         | 573          | rBV      | 166            | 106           | 0.01%           | 0.002%        |
| 10        | 3.261       | 646           | 649         | 655          | rVB      | 170            | 144           | 0.02%           | 0.002%        |
| 11        | 3.351       | 674           | 677         | 682          | rBV      | 103            | 94            | 0.01%           | 0.002%        |
| 12        | 3.823       | 821           | 824         | 826          | rVB      | 165            | 79            | 0.01%           | 0.001%        |
| 13        | 3.968       | 866           | 869         | 873          | rVB      | 129            | 79            | 0.01%           | 0.001%        |
| 14        | 4.026       | 882           | 887         | 891          | rBV      | 189            | 137           | 0.02%           | 0.002%        |
| 15        | 4.174       | 919           | 933         | 969          | rBV      | 69255          | 183243        | 23.59%          | 3.073%        |
| 16        | 4.453       | 1017          | 1020        | 1022         | rVB      | 153            | 85            | 0.01%           | 0.001%        |
| 17        | 4.469       | 1022          | 1025        | 1028         | rVB      | 113            | 92            | 0.01%           | 0.002%        |
| 18        | 4.492       | 1029          | 1032        | 1035         | rVB2     | 129            | 78            | 0.01%           | 0.001%        |
| 19        | 4.524       | 1039          | 1042        | 1047         | rBV      | 228            | 183           | 0.02%           | 0.003%        |
| 20        | 4.643       | 1063          | 1079        | 1108         | rBV      | 122238         | 286491        | 36.88%          | 4.804%        |
| 21        | 4.965       | 1175          | 1179        | 1182         | rBV      | 550            | 461           | 0.06%           | 0.008%        |
| 22        | 5.096       | 1216          | 1220        | 1223         | rBV      | 279            | 256           | 0.03%           | 0.004%        |
| 23        | 5.138       | 1230          | 1233        | 1234         | rBV      | 203            | 115           | 0.01%           | 0.002%        |
| 24        | 5.209       | 1252          | 1255        | 1261         | rVB      | 210            | 225           | 0.03%           | 0.004%        |
| 25        | 5.338       | 1271          | 1295        | 1315         | rBV2     | 270159         | 776869        | 100.00%         | 13.026%       |
| 26        | 5.556       | 1360          | 1363        | 1365         | rVB      | 255            | 123           | 0.02%           | 0.002%        |
| 27        | 5.569       | 1365          | 1367        | 1370         | rBV2     | 186            | 136           | 0.02%           | 0.002%        |
| 28        | 5.614       | 1376          | 1381        | 1383         | rBV2     | 161            | 128           | 0.02%           | 0.002%        |
| 29        | 5.672       | 1397          | 1399        | 1402         | rVB      | 277            | 117           | 0.02%           | 0.002%        |
| 30        | 5.701       | 1405          | 1408        | 1411         | rBV2     | 181            | 102           | 0.01%           | 0.002%        |
| 31        | 5.730       | 1411          | 1417        | 1419         | rBV      | 129            | 119           | 0.02%           | 0.002%        |
| 32        | 5.884       | 1450          | 1465        | 1490         | rBV      | 232464         | 455530        | 58.64%          | 7.638%        |
| 33        | 6.106       | 1532          | 1534        | 1537         | rBV      | 289            | 189           | 0.02%           | 0.003%        |
| 34        | 6.145       | 1543          | 1546        | 1548         | rBV      | 232            | 112           | 0.01%           | 0.002%        |

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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\SOMULM120718WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |        |         |
|----|-------|------|------|------|------|--------|--------|--------|---------|
| 35 | 6.174 | 1552 | 1555 | 1558 | rVB  | 304    | 176    | 0.02%  | 0.003%  |
| 36 | 6.199 | 1559 | 1563 | 1567 | rVB2 | 301    | 274    | 0.04%  | 0.005%  |
| 37 | 6.225 | 1567 | 1571 | 1574 | rVB2 | 275    | 176    | 0.02%  | 0.003%  |
| 38 | 6.257 | 1574 | 1581 | 1585 | rBV3 | 320    | 340    | 0.04%  | 0.006%  |
| 39 | 6.328 | 1589 | 1603 | 1625 | rBV  | 177950 | 355078 | 45.71% | 5.954%  |
| 40 | 6.457 | 1637 | 1643 | 1647 | rVB4 | 395    | 400    | 0.05%  | 0.007%  |
| 41 | 6.479 | 1647 | 1650 | 1653 | rVB  | 120    | 84     | 0.01%  | 0.001%  |
| 42 | 6.637 | 1696 | 1699 | 1705 | rVB  | 132    | 97     | 0.01%  | 0.002%  |
| 43 | 6.727 | 1725 | 1727 | 1730 | rVB2 | 153    | 84     | 0.01%  | 0.001%  |
| 44 | 6.794 | 1745 | 1748 | 1749 | rBV2 | 167    | 79     | 0.01%  | 0.001%  |
| 45 | 6.820 | 1749 | 1756 | 1762 | rVV3 | 286    | 480    | 0.06%  | 0.008%  |
| 46 | 6.948 | 1792 | 1796 | 1800 | rBV  | 92     | 96     | 0.01%  | 0.002%  |
| 47 | 6.968 | 1800 | 1802 | 1804 | rVV  | 172    | 98     | 0.01%  | 0.002%  |
| 48 | 6.987 | 1804 | 1808 | 1812 | rVB  | 168    | 105    | 0.01%  | 0.002%  |
| 49 | 7.048 | 1824 | 1827 | 1829 | rBV  | 146    | 77     | 0.01%  | 0.001%  |
| 50 | 7.116 | 1845 | 1848 | 1851 | rVB  | 131    | 95     | 0.01%  | 0.002%  |
| 51 | 7.225 | 1870 | 1882 | 1903 | rVV  | 105312 | 186520 | 24.01% | 3.127%  |
| 52 | 7.354 | 1918 | 1922 | 1924 | rBV2 | 270    | 154    | 0.02%  | 0.003%  |
| 53 | 7.392 | 1924 | 1934 | 1946 | rVV4 | 3225   | 5864   | 0.75%  | 0.098%  |
| 54 | 7.437 | 1946 | 1948 | 1952 | rBV2 | 126    | 98     | 0.01%  | 0.002%  |
| 55 | 7.563 | 1973 | 1987 | 2005 | rBV  | 362772 | 627909 | 80.83% | 10.528% |
| 56 | 7.846 | 2064 | 2075 | 2092 | rBV  | 70640  | 120944 | 15.57% | 2.028%  |
| 57 | 7.993 | 2119 | 2121 | 2125 | rVB2 | 169    | 117    | 0.02%  | 0.002%  |
| 58 | 8.071 | 2142 | 2145 | 2148 | rBV  | 132    | 106    | 0.01%  | 0.002%  |
| 59 | 8.183 | 2169 | 2180 | 2187 | rBV2 | 893    | 1501   | 0.19%  | 0.025%  |
| 60 | 8.309 | 2207 | 2219 | 2247 | rBV  | 249343 | 418581 | 53.88% | 7.019%  |
| 61 | 8.662 | 2325 | 2329 | 2333 | rVB  | 221    | 174    | 0.02%  | 0.003%  |
| 62 | 8.701 | 2338 | 2341 | 2343 | rBV2 | 131    | 81     | 0.01%  | 0.001%  |
| 63 | 8.948 | 2415 | 2418 | 2420 | rBV  | 117    | 85     | 0.01%  | 0.001%  |
| 64 | 9.087 | 2448 | 2461 | 2500 | rBV  | 332854 | 552775 | 71.15% | 9.269%  |
| 65 | 9.231 | 2503 | 2506 | 2508 | rVB2 | 177    | 99     | 0.01%  | 0.002%  |
| 66 | 9.299 | 2525 | 2527 | 2532 | rVB2 | 160    | 146    | 0.02%  | 0.002%  |
| 67 | 9.427 | 2563 | 2567 | 2570 | rBV  | 124    | 119    | 0.02%  | 0.002%  |
| 68 | 9.450 | 2572 | 2574 | 2578 | rVV2 | 232    | 183    | 0.02%  | 0.003%  |
| 69 | 9.489 | 2582 | 2586 | 2588 | rBV  | 193    | 100    | 0.01%  | 0.002%  |
| 70 | 9.498 | 2588 | 2589 | 2594 | rVB  | 198    | 85     | 0.01%  | 0.001%  |
| 71 | 9.537 | 2597 | 2601 | 2602 | rBV2 | 196    | 104    | 0.01%  | 0.002%  |

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Filtering: 5  
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 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\SOMULM120718WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 9.585  | 2614 | 2616 | 2622 | rVB  | 185    | 91     | 0.01%  | 0.002% |
| 73  | 9.775  | 2673 | 2675 | 2677 | rBV  | 164    | 88     | 0.01%  | 0.001% |
| 74  | 10.032 | 2752 | 2755 | 2758 | rBV2 | 263    | 196    | 0.03%  | 0.003% |
| 75  | 10.164 | 2790 | 2796 | 2797 | rBV  | 502    | 407    | 0.05%  | 0.007% |
| 76  | 10.312 | 2837 | 2842 | 2845 | rBV  | 231    | 203    | 0.03%  | 0.003% |
| 77  | 10.382 | 2860 | 2864 | 2867 | rVB2 | 227    | 162    | 0.02%  | 0.003% |
| 78  | 10.431 | 2867 | 2879 | 2895 | rBV  | 241689 | 378394 | 48.71% | 6.345% |
| 79  | 10.588 | 2921 | 2928 | 2944 | rVB3 | 4300   | 7507   | 0.97%  | 0.126% |
| 80  | 10.681 | 2949 | 2957 | 2962 | rBV3 | 5516   | 9091   | 1.17%  | 0.152% |
| 81  | 10.771 | 2977 | 2985 | 2998 | rVB3 | 3950   | 5344   | 0.69%  | 0.090% |
| 82  | 10.842 | 3003 | 3007 | 3010 | rBV  | 154    | 134    | 0.02%  | 0.002% |
| 83  | 10.971 | 3038 | 3047 | 3060 | rVB2 | 3941   | 5975   | 0.77%  | 0.100% |
| 84  | 11.083 | 3078 | 3082 | 3085 | rBV  | 229    | 194    | 0.02%  | 0.003% |
| 85  | 11.103 | 3085 | 3088 | 3089 | rVV  | 182    | 115    | 0.01%  | 0.002% |
| 86  | 11.148 | 3093 | 3102 | 3117 | rVB2 | 15090  | 22889  | 2.95%  | 0.384% |
| 87  | 11.382 | 3170 | 3175 | 3180 | rBV5 | 672    | 725    | 0.09%  | 0.012% |
| 88  | 11.482 | 3194 | 3206 | 3226 | rBV  | 315668 | 494552 | 63.66% | 8.292% |
| 89  | 11.778 | 3288 | 3298 | 3306 | rBV9 | 4278   | 7240   | 0.93%  | 0.121% |
| 90  | 11.858 | 3311 | 3323 | 3344 | rVV  | 329050 | 533663 | 68.69% | 8.948% |
| 91  | 12.135 | 3401 | 3409 | 3410 | rBV  | 432    | 456    | 0.06%  | 0.008% |
| 92  | 12.251 | 3438 | 3445 | 3453 | rBV4 | 4474   | 6212   | 0.80%  | 0.104% |
| 93  | 12.379 | 3483 | 3485 | 3488 | rBV  | 213    | 108    | 0.01%  | 0.002% |
| 94  | 12.402 | 3489 | 3492 | 3496 | rVB  | 199    | 178    | 0.02%  | 0.003% |
| 95  | 12.440 | 3501 | 3504 | 3506 | rVB  | 195    | 102    | 0.01%  | 0.002% |
| 96  | 12.466 | 3509 | 3512 | 3514 | rBV2 | 359    | 278    | 0.04%  | 0.005% |
| 97  | 12.550 | 3536 | 3538 | 3543 | rBV3 | 256    | 213    | 0.03%  | 0.004% |
| 98  | 12.649 | 3565 | 3569 | 3572 | rBV2 | 375    | 260    | 0.03%  | 0.004% |
| 99  | 12.742 | 3596 | 3598 | 3601 | rBV2 | 175    | 119    | 0.02%  | 0.002% |
| 100 | 13.022 | 3683 | 3685 | 3686 | rBV  | 162    | 88     | 0.01%  | 0.001% |

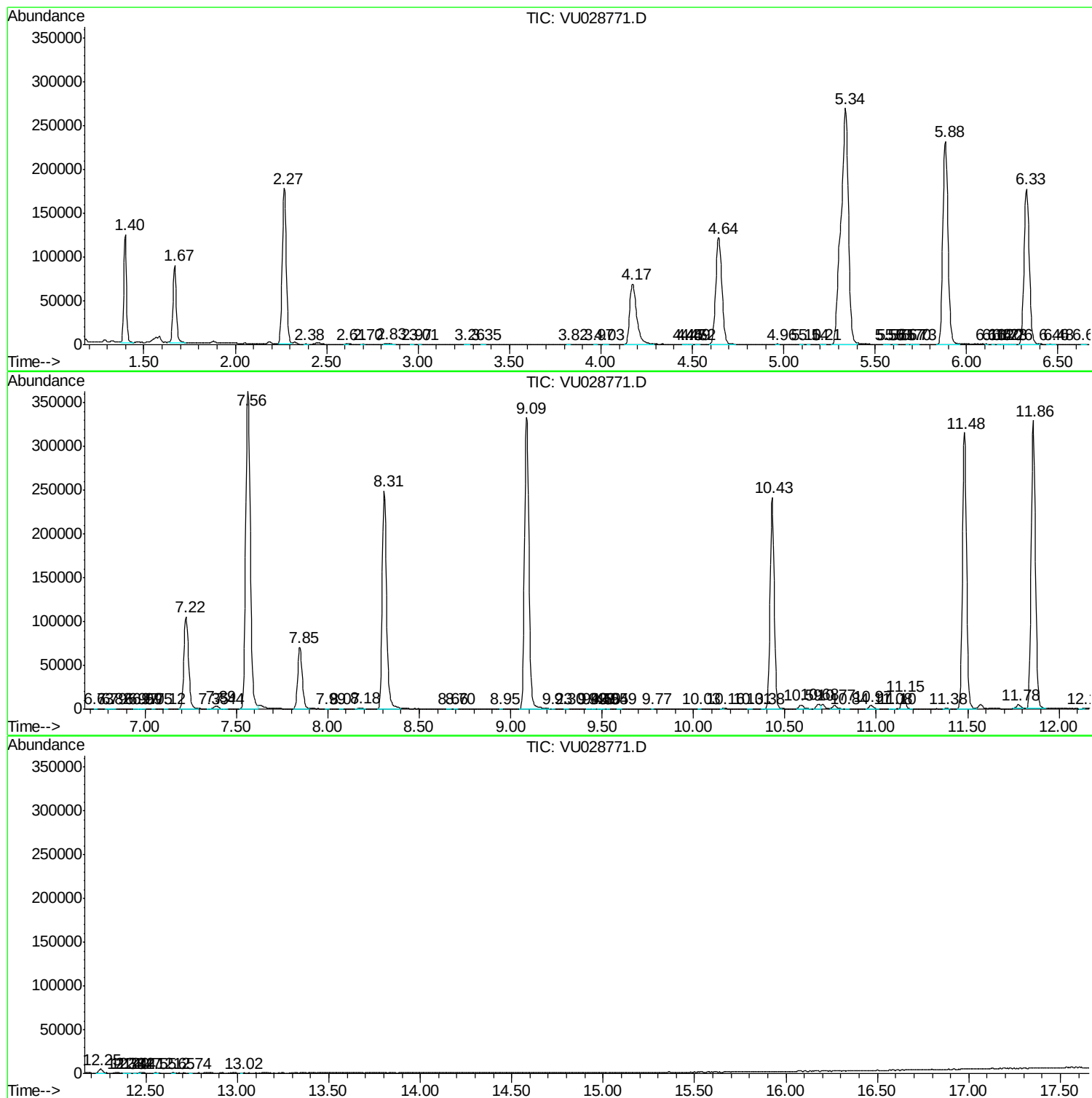
Sum of corrected areas: 5963940

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM120718WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU121818\  
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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          |