

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\  
 Data File : VU037200.D  
 Acq On : 12 Mar 2020 19:39  
 Operator : JC/MD  
 Sample : L1901-03  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0NC5

## 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\SOMULM031220WMA.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         | 1.613       | 77            | 85          | 98           | rBV      | 223216         | 234769        | 13.87%          | 1.773%        |
| 2         | 1.928       | 174           | 183         | 197          | rVB      | 173857         | 229153        | 13.54%          | 1.731%        |
| 3         | 2.591       | 376           | 389         | 402          | rBV      | 322903         | 534152        | 31.56%          | 4.035%        |
| 4         | 2.655       | 403           | 409         | 424          | rVB      | 11716          | 19505         | 1.15%           | 0.147%        |
| 5         | 2.726       | 430           | 431         | 436          | rVB3     | 913            | 509           | 0.03%           | 0.004%        |
| 6         | 2.787       | 440           | 450         | 468          | rVV      | 14750          | 29221         | 1.73%           | 0.221%        |
| 7         | 2.851       | 468           | 470         | 474          | rVB3     | 921            | 482           | 0.03%           | 0.004%        |
| 8         | 2.916       | 487           | 490         | 494          | rBV3     | 970            | 768           | 0.05%           | 0.006%        |
| 9         | 2.970       | 505           | 507         | 511          | rBV3     | 525            | 443           | 0.03%           | 0.003%        |
| 10        | 3.025       | 522           | 524         | 528          | rBV3     | 442            | 309           | 0.02%           | 0.002%        |
| 11        | 3.080       | 537           | 541         | 546          | rBV4     | 592            | 626           | 0.04%           | 0.005%        |
| 12        | 3.218       | 573           | 584         | 603          | rVB3     | 7423           | 17215         | 1.02%           | 0.130%        |
| 13        | 3.549       | 683           | 687         | 690          | rBV2     | 378            | 296           | 0.02%           | 0.002%        |
| 14        | 3.671       | 721           | 725         | 729          | rVB2     | 521            | 399           | 0.02%           | 0.003%        |
| 15        | 3.961       | 809           | 815         | 818          | rBV2     | 316            | 332           | 0.02%           | 0.003%        |
| 16        | 4.237       | 895           | 901         | 903          | rBV      | 502            | 431           | 0.03%           | 0.003%        |
| 17        | 4.324       | 925           | 928         | 935          | rVB      | 468            | 557           | 0.03%           | 0.004%        |
| 18        | 4.356       | 935           | 938         | 940          | rBV3     | 493            | 356           | 0.02%           | 0.003%        |
| 19        | 4.385       | 944           | 947         | 950          | rBV      | 585            | 370           | 0.02%           | 0.003%        |
| 20        | 4.568       | 998           | 1004        | 1005         | rBV2     | 450            | 376           | 0.02%           | 0.003%        |
| 21        | 4.588       | 1005          | 1010        | 1016         | rVB3     | 925            | 1124          | 0.07%           | 0.008%        |
| 22        | 4.668       | 1018          | 1035        | 1056         | rBV      | 181074         | 428305        | 25.31%          | 3.235%        |
| 23        | 4.890       | 1101          | 1104        | 1107         | rBV3     | 424            | 388           | 0.02%           | 0.003%        |
| 24        | 5.025       | 1143          | 1146        | 1149         | rBV2     | 382            | 308           | 0.02%           | 0.002%        |
| 25        | 5.105       | 1154          | 1171        | 1191         | rBV      | 310599         | 688648        | 40.69%          | 5.202%        |
| 26        | 5.234       | 1209          | 1211        | 1215         | rBV3     | 430            | 295           | 0.02%           | 0.002%        |
| 27        | 5.314       | 1232          | 1236        | 1239         | rBV3     | 926            | 732           | 0.04%           | 0.006%        |
| 28        | 5.414       | 1262          | 1267        | 1274         | rBV3     | 1103           | 1294          | 0.08%           | 0.010%        |
| 29        | 5.497       | 1291          | 1293        | 1298         | rVV3     | 382            | 296           | 0.02%           | 0.002%        |
| 30        | 5.604       | 1322          | 1326        | 1331         | rBV2     | 356            | 357           | 0.02%           | 0.003%        |
| 31        | 5.761       | 1353          | 1375        | 1398         | rBV2     | 627128         | 1692393       | 100.00%         | 12.784%       |
| 32        | 5.870       | 1406          | 1409        | 1414         | rVB4     | 962            | 696           | 0.04%           | 0.005%        |
| 33        | 5.896       | 1414          | 1417        | 1425         | rVB8     | 1175           | 1555          | 0.09%           | 0.012%        |
| 34        | 5.986       | 1443          | 1445        | 1450         | rVB3     | 589            | 385           | 0.02%           | 0.003%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031220WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 35 | 6.018  | 1451 | 1455 | 1459 | rVB2 | 496    | 433     | 0.03%  | 0.003% |
| 36 | 6.128  | 1486 | 1489 | 1492 | rVB4 | 500    | 350     | 0.02%  | 0.003% |
| 37 | 6.153  | 1492 | 1497 | 1501 | rBV4 | 746    | 657     | 0.04%  | 0.005% |
| 38 | 6.195  | 1508 | 1510 | 1514 | rVB3 | 625    | 426     | 0.03%  | 0.003% |
| 39 | 6.282  | 1519 | 1537 | 1555 | rBV  | 550267 | 1021233 | 60.34% | 7.714% |
| 40 | 6.488  | 1598 | 1601 | 1604 | rVB2 | 766    | 521     | 0.03%  | 0.004% |
| 41 | 6.542  | 1613 | 1618 | 1619 | rBV2 | 919    | 649     | 0.04%  | 0.005% |
| 42 | 6.568  | 1619 | 1626 | 1637 | rVB8 | 6657   | 12107   | 0.72%  | 0.091% |
| 43 | 6.636  | 1645 | 1647 | 1652 | rVB2 | 539    | 354     | 0.02%  | 0.003% |
| 44 | 6.722  | 1659 | 1674 | 1693 | rBV  | 401994 | 781227  | 46.16% | 5.901% |
| 45 | 6.825  | 1704 | 1706 | 1708 | rBV2 | 671    | 421     | 0.02%  | 0.003% |
| 46 | 6.970  | 1748 | 1751 | 1754 | rBV2 | 454    | 369     | 0.02%  | 0.003% |
| 47 | 7.182  | 1813 | 1817 | 1819 | rBV  | 509    | 372     | 0.02%  | 0.003% |
| 48 | 7.208  | 1823 | 1825 | 1835 | rVB4 | 1528   | 1633    | 0.10%  | 0.012% |
| 49 | 7.362  | 1867 | 1873 | 1878 | rBV3 | 476    | 599     | 0.04%  | 0.005% |
| 50 | 7.465  | 1903 | 1905 | 1911 | rVB4 | 603    | 469     | 0.03%  | 0.004% |
| 51 | 7.591  | 1932 | 1944 | 1963 | rBV  | 225045 | 399739  | 23.62% | 3.019% |
| 52 | 7.922  | 2033 | 2047 | 2063 | rBV  | 765307 | 1322477 | 78.14% | 9.989% |
| 53 | 8.205  | 2122 | 2135 | 2152 | rBV  | 164529 | 281575  | 16.64% | 2.127% |
| 54 | 8.301  | 2162 | 2165 | 2172 | rVB6 | 844    | 1019    | 0.06%  | 0.008% |
| 55 | 8.337  | 2172 | 2176 | 2182 | rVB4 | 948    | 1024    | 0.06%  | 0.008% |
| 56 | 8.365  | 2183 | 2185 | 2194 | rVB2 | 701    | 731     | 0.04%  | 0.006% |
| 57 | 8.491  | 2219 | 2224 | 2234 | rVB5 | 1668   | 2482    | 0.15%  | 0.019% |
| 58 | 8.571  | 2246 | 2249 | 2251 | rBV3 | 618    | 410     | 0.02%  | 0.003% |
| 59 | 8.658  | 2263 | 2276 | 2310 | rBV  | 522317 | 999699  | 59.07% | 7.551% |
| 60 | 8.809  | 2317 | 2323 | 2333 | rVB6 | 8271   | 13326   | 0.79%  | 0.101% |
| 61 | 8.854  | 2334 | 2337 | 2347 | rVB4 | 1801   | 2180    | 0.13%  | 0.016% |
| 62 | 8.902  | 2347 | 2352 | 2354 | rBV2 | 538    | 437     | 0.03%  | 0.003% |
| 63 | 9.050  | 2393 | 2398 | 2402 | rBV  | 325    | 328     | 0.02%  | 0.002% |
| 64 | 9.102  | 2409 | 2414 | 2423 | rVB2 | 494    | 731     | 0.04%  | 0.006% |
| 65 | 9.436  | 2504 | 2518 | 2540 | rBV  | 763983 | 1284017 | 75.87% | 9.699% |
| 66 | 9.587  | 2558 | 2565 | 2570 | rBV6 | 1244   | 1468    | 0.09%  | 0.011% |
| 67 | 9.655  | 2583 | 2586 | 2589 | rVB  | 572    | 386     | 0.02%  | 0.003% |
| 68 | 9.709  | 2595 | 2603 | 2613 | rBV4 | 2704   | 4157    | 0.25%  | 0.031% |
| 69 | 10.073 | 2713 | 2716 | 2719 | rBV2 | 443    | 303     | 0.02%  | 0.002% |
| 70 | 10.131 | 2723 | 2734 | 2743 | rBV5 | 8413   | 13767   | 0.81%  | 0.104% |
| 71 | 10.333 | 2791 | 2797 | 2799 | rBV2 | 301    | 323     | 0.02%  | 0.002% |

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 Start Thrs: 0.2  
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Filtering: 5  
 Min Area: 0 % of largest Peak  
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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\SOMULM031220WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 10.365 | 2799 | 2807 | 2813 | rVV4 | 2148   | 2440    | 0.14%  | 0.018% |
| 73  | 10.407 | 2818 | 2820 | 2824 | rVB2 | 495    | 304     | 0.02%  | 0.002% |
| 74  | 10.568 | 2865 | 2870 | 2872 | rBV2 | 314    | 319     | 0.02%  | 0.002% |
| 75  | 10.774 | 2920 | 2934 | 2954 | rVB  | 545417 | 878579  | 51.91% | 6.636% |
| 76  | 10.906 | 2966 | 2975 | 2986 | rBV4 | 3182   | 4997    | 0.30%  | 0.038% |
| 77  | 11.053 | 3018 | 3021 | 3025 | rBV2 | 498    | 359     | 0.02%  | 0.003% |
| 78  | 11.488 | 3148 | 3156 | 3166 | rBV5 | 3731   | 7055    | 0.42%  | 0.053% |
| 79  | 11.597 | 3186 | 3190 | 3192 | rBV2 | 743    | 492     | 0.03%  | 0.004% |
| 80  | 11.703 | 3220 | 3223 | 3227 | rBV4 | 1045   | 834     | 0.05%  | 0.006% |
| 81  | 11.758 | 3238 | 3240 | 3242 | rBV2 | 732    | 337     | 0.02%  | 0.003% |
| 82  | 11.828 | 3249 | 3262 | 3279 | rBV  | 665980 | 1096303 | 64.78% | 8.281% |
| 83  | 11.999 | 3313 | 3315 | 3321 | rBV2 | 479    | 418     | 0.02%  | 0.003% |
| 84  | 12.208 | 3366 | 3380 | 3398 | rVB  | 722446 | 1198100 | 70.79% | 9.050% |
| 85  | 12.481 | 3461 | 3465 | 3468 | rVB3 | 687    | 542     | 0.03%  | 0.004% |
| 86  | 12.497 | 3468 | 3470 | 3473 | rBV  | 763    | 571     | 0.03%  | 0.004% |
| 87  | 12.574 | 3492 | 3494 | 3500 | rBV2 | 480    | 372     | 0.02%  | 0.003% |
| 88  | 12.668 | 3521 | 3523 | 3528 | rVB  | 673    | 478     | 0.03%  | 0.004% |
| 89  | 12.697 | 3529 | 3532 | 3537 | rVB3 | 587    | 590     | 0.03%  | 0.004% |
| 90  | 12.722 | 3537 | 3540 | 3543 | rBV2 | 591    | 394     | 0.02%  | 0.003% |
| 91  | 12.915 | 3597 | 3600 | 3604 | rBV4 | 745    | 565     | 0.03%  | 0.004% |
| 92  | 12.983 | 3618 | 3621 | 3627 | rVB3 | 625    | 494     | 0.03%  | 0.004% |
| 93  | 13.018 | 3628 | 3632 | 3638 | rBV3 | 638    | 858     | 0.05%  | 0.006% |
| 94  | 13.240 | 3697 | 3701 | 3704 | rBV4 | 846    | 707     | 0.04%  | 0.005% |
| 95  | 13.671 | 3833 | 3835 | 3837 | rBV3 | 485    | 340     | 0.02%  | 0.003% |
| 96  | 13.912 | 3908 | 3910 | 3913 | rBV2 | 658    | 385     | 0.02%  | 0.003% |
| 97  | 14.417 | 4065 | 4067 | 4071 | rBV2 | 718    | 615     | 0.04%  | 0.005% |
| 98  | 14.918 | 4220 | 4223 | 4228 | rBV6 | 836    | 965     | 0.06%  | 0.007% |
| 99  | 14.967 | 4236 | 4238 | 4241 | rBV2 | 609    | 302     | 0.02%  | 0.002% |
| 100 | 15.240 | 4320 | 4323 | 4325 | rBV2 | 853    | 545     | 0.03%  | 0.004% |

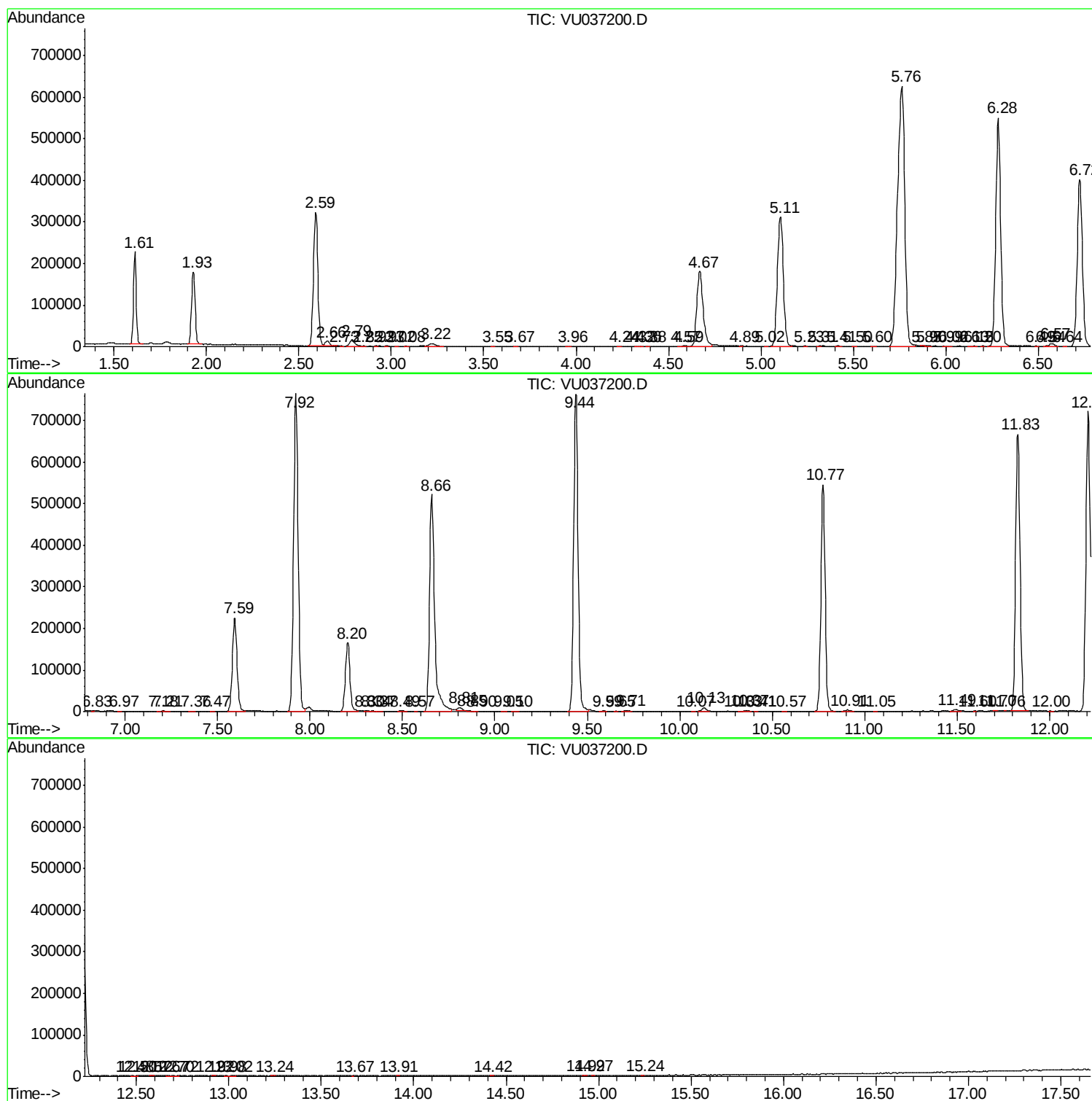
Sum of corrected areas: 13238704

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ClientSampled :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031220WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU031220\  
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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        |