

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\  
 Data File : VV018293.D  
 Acq On : 17 Sep 2020 20:37  
 Operator : SY/MD  
 Sample : L4043-10  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AE4

## 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\_V\METHOD\SOMVLM090920WMA.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         | 1.315       | 64            | 70          | 86           | rVB      | 125749         | 127406        | 13.47%          | 1.684%        |
| 2         | 1.579       | 145           | 152         | 165          | rVB      | 107005         | 121355        | 12.83%          | 1.604%        |
| 3         | 2.123       | 311           | 321         | 360          | rVB      | 223331         | 348372        | 36.84%          | 4.606%        |
| 4         | 2.592       | 465           | 467         | 470          | rVB      | 190            | 87            | 0.01%           | 0.001%        |
| 5         | 2.775       | 523           | 524         | 529          | rVB      | 194            | 129           | 0.01%           | 0.002%        |
| 6         | 2.801       | 529           | 532         | 535          | rBV      | 186            | 124           | 0.01%           | 0.002%        |
| 7         | 2.939       | 572           | 575         | 576          | rBV2     | 92             | 54            | 0.01%           | 0.001%        |
| 8         | 3.036       | 602           | 605         | 611          | rBV2     | 176            | 196           | 0.02%           | 0.003%        |
| 9         | 3.161       | 641           | 644         | 646          | rBV      | 69             | 48            | 0.01%           | 0.001%        |
| 10        | 3.219       | 655           | 662         | 663          | rBV      | 284            | 341           | 0.04%           | 0.005%        |
| 11        | 3.335       | 695           | 698         | 702          | rBV2     | 68             | 54            | 0.01%           | 0.001%        |
| 12        | 3.389       | 712           | 715         | 720          | rVB2     | 99             | 73            | 0.01%           | 0.001%        |
| 13        | 3.415       | 720           | 723         | 726          | rBV      | 66             | 50            | 0.01%           | 0.001%        |
| 14        | 3.450       | 731           | 734         | 743          | rVB2     | 175            | 172           | 0.02%           | 0.002%        |
| 15        | 3.489       | 743           | 746         | 747          | rBV      | 74             | 41            | 0.00%           | 0.001%        |
| 16        | 3.537       | 758           | 761         | 765          | rBV2     | 60             | 49            | 0.01%           | 0.001%        |
| 17        | 3.563       | 766           | 769         | 774          | rBV2     | 84             | 92            | 0.01%           | 0.001%        |
| 18        | 3.618       | 783           | 786         | 792          | rBV2     | 77             | 83            | 0.01%           | 0.001%        |
| 19        | 3.669       | 799           | 802         | 804          | rBV      | 111            | 59            | 0.01%           | 0.001%        |
| 20        | 3.704       | 811           | 813         | 817          | rVB2     | 68             | 43            | 0.00%           | 0.001%        |
| 21        | 3.769       | 830           | 833         | 839          | rBV2     | 175            | 181           | 0.02%           | 0.002%        |
| 22        | 3.833       | 851           | 853         | 855          | rVB2     | 62             | 26            | 0.00%           | 0.000%        |
| 23        | 3.849       | 855           | 858         | 860          | rBV      | 43             | 27            | 0.00%           | 0.000%        |
| 24        | 3.865       | 860           | 863         | 869          | rVB2     | 129            | 130           | 0.01%           | 0.002%        |
| 25        | 3.917       | 869           | 879         | 915          | rBV      | 63108          | 197345        | 20.87%          | 2.609%        |
| 26        | 4.376       | 1005          | 1022        | 1048         | rBV      | 149585         | 369832        | 39.11%          | 4.890%        |
| 27        | 4.553       | 1074          | 1077        | 1080         | rVB2     | 170            | 101           | 0.01%           | 0.001%        |
| 28        | 4.618       | 1096          | 1097        | 1099         | rBV2     | 121            | 58            | 0.01%           | 0.001%        |
| 29        | 4.643       | 1104          | 1105        | 1106         | rBV2     | 127            | 37            | 0.00%           | 0.000%        |
| 30        | 4.669       | 1112          | 1113        | 1117         | rVB      | 190            | 101           | 0.01%           | 0.001%        |
| 31        | 4.692       | 1117          | 1120        | 1125         | rBV3     | 180            | 128           | 0.01%           | 0.002%        |
| 32        | 4.733       | 1131          | 1133        | 1135         | rBV      | 46             | 25            | 0.00%           | 0.000%        |
| 33        | 4.794       | 1149          | 1152        | 1155         | rBV2     | 69             | 45            | 0.00%           | 0.001%        |
| 34        | 4.897       | 1182          | 1184        | 1186         | rBB2     | 146            | 60            | 0.01%           | 0.001%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090920WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |         |         |
|----|-------|------|------|------|------|--------|--------|---------|---------|
| 35 | 4.913 | 1186 | 1189 | 1193 | rVB2 | 116    | 76     | 0.01%   | 0.001%  |
| 36 | 4.942 | 1193 | 1198 | 1201 | rVB2 | 121    | 96     | 0.01%   | 0.001%  |
| 37 | 4.978 | 1201 | 1209 | 1215 | rVB2 | 109    | 151    | 0.02%   | 0.002%  |
| 38 | 5.003 | 1215 | 1217 | 1220 | rVB2 | 45     | 21     | 0.00%   | 0.000%  |
| 39 | 5.074 | 1221 | 1239 | 1277 | rBV2 | 371206 | 945541 | 100.00% | 12.501% |
| 40 | 5.296 | 1306 | 1308 | 1310 | rBV  | 145    | 38     | 0.00%   | 0.001%  |
| 41 | 5.399 | 1335 | 1340 | 1344 | rBV2 | 289    | 225    | 0.02%   | 0.003%  |
| 42 | 5.447 | 1351 | 1355 | 1356 | rBV2 | 90     | 61     | 0.01%   | 0.001%  |
| 43 | 5.492 | 1363 | 1369 | 1371 | rBV2 | 82     | 77     | 0.01%   | 0.001%  |
| 44 | 5.511 | 1372 | 1375 | 1385 | rVB2 | 254    | 378    | 0.04%   | 0.005%  |
| 45 | 5.553 | 1385 | 1388 | 1389 | rBV  | 113    | 69     | 0.01%   | 0.001%  |
| 46 | 5.576 | 1393 | 1395 | 1397 | rBV  | 134    | 84     | 0.01%   | 0.001%  |
| 47 | 5.643 | 1403 | 1416 | 1448 | rBV  | 336979 | 669261 | 70.78%  | 8.848%  |
| 48 | 5.933 | 1498 | 1506 | 1520 | rVB4 | 3514   | 7357   | 0.78%   | 0.097%  |
| 49 | 5.987 | 1520 | 1523 | 1526 | rBV2 | 76     | 44     | 0.00%   | 0.001%  |
| 50 | 6.019 | 1530 | 1533 | 1535 | rBV2 | 176    | 61     | 0.01%   | 0.001%  |
| 51 | 6.042 | 1537 | 1540 | 1543 | rBV2 | 211    | 113    | 0.01%   | 0.001%  |
| 52 | 6.093 | 1543 | 1556 | 1586 | rBV  | 211736 | 426668 | 45.12%  | 5.641%  |
| 53 | 6.360 | 1633 | 1639 | 1642 | rBV2 | 95     | 121    | 0.01%   | 0.002%  |
| 54 | 6.425 | 1656 | 1659 | 1662 | rBV  | 65     | 43     | 0.00%   | 0.001%  |
| 55 | 6.470 | 1670 | 1673 | 1679 | rVB2 | 166    | 176    | 0.02%   | 0.002%  |
| 56 | 6.508 | 1679 | 1685 | 1689 | rBV2 | 157    | 146    | 0.02%   | 0.002%  |
| 57 | 6.531 | 1689 | 1692 | 1695 | rBV2 | 99     | 71     | 0.01%   | 0.001%  |
| 58 | 6.547 | 1695 | 1697 | 1699 | rBV2 | 40     | 21     | 0.00%   | 0.000%  |
| 59 | 6.589 | 1707 | 1710 | 1711 | rBV2 | 77     | 40     | 0.00%   | 0.001%  |
| 60 | 6.617 | 1716 | 1719 | 1721 | rBV  | 48     | 29     | 0.00%   | 0.000%  |
| 61 | 6.653 | 1724 | 1730 | 1733 | rBV2 | 129    | 131    | 0.01%   | 0.002%  |
| 62 | 6.704 | 1738 | 1746 | 1750 | rBV2 | 176    | 276    | 0.03%   | 0.004%  |
| 63 | 6.785 | 1768 | 1771 | 1773 | rVV  | 64     | 38     | 0.00%   | 0.001%  |
| 64 | 6.804 | 1774 | 1777 | 1780 | rVB2 | 93     | 65     | 0.01%   | 0.001%  |
| 65 | 6.823 | 1780 | 1783 | 1786 | rVB2 | 57     | 34     | 0.00%   | 0.000%  |
| 66 | 6.839 | 1786 | 1788 | 1791 | rBV  | 71     | 37     | 0.00%   | 0.000%  |
| 67 | 6.888 | 1801 | 1803 | 1806 | rBV2 | 44     | 19     | 0.00%   | 0.000%  |
| 68 | 7.010 | 1829 | 1841 | 1862 | rBV  | 113218 | 205286 | 21.71%  | 2.714%  |
| 69 | 7.225 | 1905 | 1908 | 1910 | rBV2 | 84     | 51     | 0.01%   | 0.001%  |
| 70 | 7.293 | 1928 | 1929 | 1930 | rBV2 | 107    | 25     | 0.00%   | 0.000%  |
| 71 | 7.338 | 1930 | 1943 | 1979 | rBV  | 427849 | 737729 | 78.02%  | 9.754%  |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090920WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 7.643  | 2023 | 2038 | 2062 | rBV  | 83680  | 145186 | 15.35% | 1.920%  |
| 73  | 7.826  | 2093 | 2095 | 2097 | rVB2 | 167    | 89     | 0.01%  | 0.001%  |
| 74  | 7.907  | 2117 | 2120 | 2126 | rVB2 | 173    | 152    | 0.02%  | 0.002%  |
| 75  | 7.958  | 2126 | 2136 | 2150 | rBV3 | 445    | 983    | 0.10%  | 0.013%  |
| 76  | 8.026  | 2150 | 2157 | 2160 | rBV  | 194    | 202    | 0.02%  | 0.003%  |
| 77  | 8.058  | 2164 | 2167 | 2168 | rBV  | 89     | 56     | 0.01%  | 0.001%  |
| 78  | 8.109  | 2172 | 2183 | 2216 | rBV  | 236060 | 416137 | 44.01% | 5.502%  |
| 79  | 8.678  | 2357 | 2360 | 2363 | rBV2 | 82     | 50     | 0.01%  | 0.001%  |
| 80  | 8.775  | 2388 | 2390 | 2393 | rBV  | 103    | 69     | 0.01%  | 0.001%  |
| 81  | 8.875  | 2409 | 2421 | 2446 | rBV  | 528289 | 845113 | 89.38% | 11.173% |
| 82  | 9.122  | 2496 | 2498 | 2500 | rVB  | 163    | 46     | 0.00%  | 0.001%  |
| 83  | 9.138  | 2500 | 2503 | 2506 | rBV2 | 118    | 92     | 0.01%  | 0.001%  |
| 84  | 9.248  | 2535 | 2537 | 2540 | rBV  | 137    | 88     | 0.01%  | 0.001%  |
| 85  | 9.347  | 2565 | 2568 | 2570 | rBV  | 158    | 103    | 0.01%  | 0.001%  |
| 86  | 9.434  | 2592 | 2595 | 2598 | rBV  | 69     | 45     | 0.00%  | 0.001%  |
| 87  | 9.453  | 2598 | 2601 | 2602 | rBV  | 89     | 54     | 0.01%  | 0.001%  |
| 88  | 9.756  | 2693 | 2695 | 2702 | rVB2 | 149    | 116    | 0.01%  | 0.002%  |
| 89  | 9.939  | 2748 | 2752 | 2753 | rBV  | 102    | 69     | 0.01%  | 0.001%  |
| 90  | 10.238 | 2833 | 2845 | 2869 | rBV  | 288136 | 451770 | 47.78% | 5.973%  |
| 91  | 10.399 | 2889 | 2895 | 2904 | rBV2 | 616    | 1081   | 0.11%  | 0.014%  |
| 92  | 10.531 | 2934 | 2936 | 2937 | rVB  | 138    | 37     | 0.00%  | 0.000%  |
| 93  | 10.691 | 2983 | 2986 | 2990 | rBV  | 157    | 116    | 0.01%  | 0.002%  |
| 94  | 10.794 | 3015 | 3018 | 3019 | rBV2 | 98     | 58     | 0.01%  | 0.001%  |
| 95  | 11.270 | 3155 | 3166 | 3196 | rBV  | 527622 | 806414 | 85.29% | 10.662% |
| 96  | 11.440 | 3217 | 3219 | 3223 | rVB  | 197    | 82     | 0.01%  | 0.001%  |
| 97  | 11.463 | 3223 | 3226 | 3227 | rBV  | 161    | 80     | 0.01%  | 0.001%  |
| 98  | 11.646 | 3271 | 3283 | 3301 | rBV  | 468264 | 728063 | 77.00% | 9.626%  |
| 99  | 11.836 | 3338 | 3342 | 3345 | rBV2 | 270    | 214    | 0.02%  | 0.003%  |
| 100 | 12.595 | 3574 | 3578 | 3585 | rVB  | 9453   | 5428   | 0.57%  | 0.072%  |

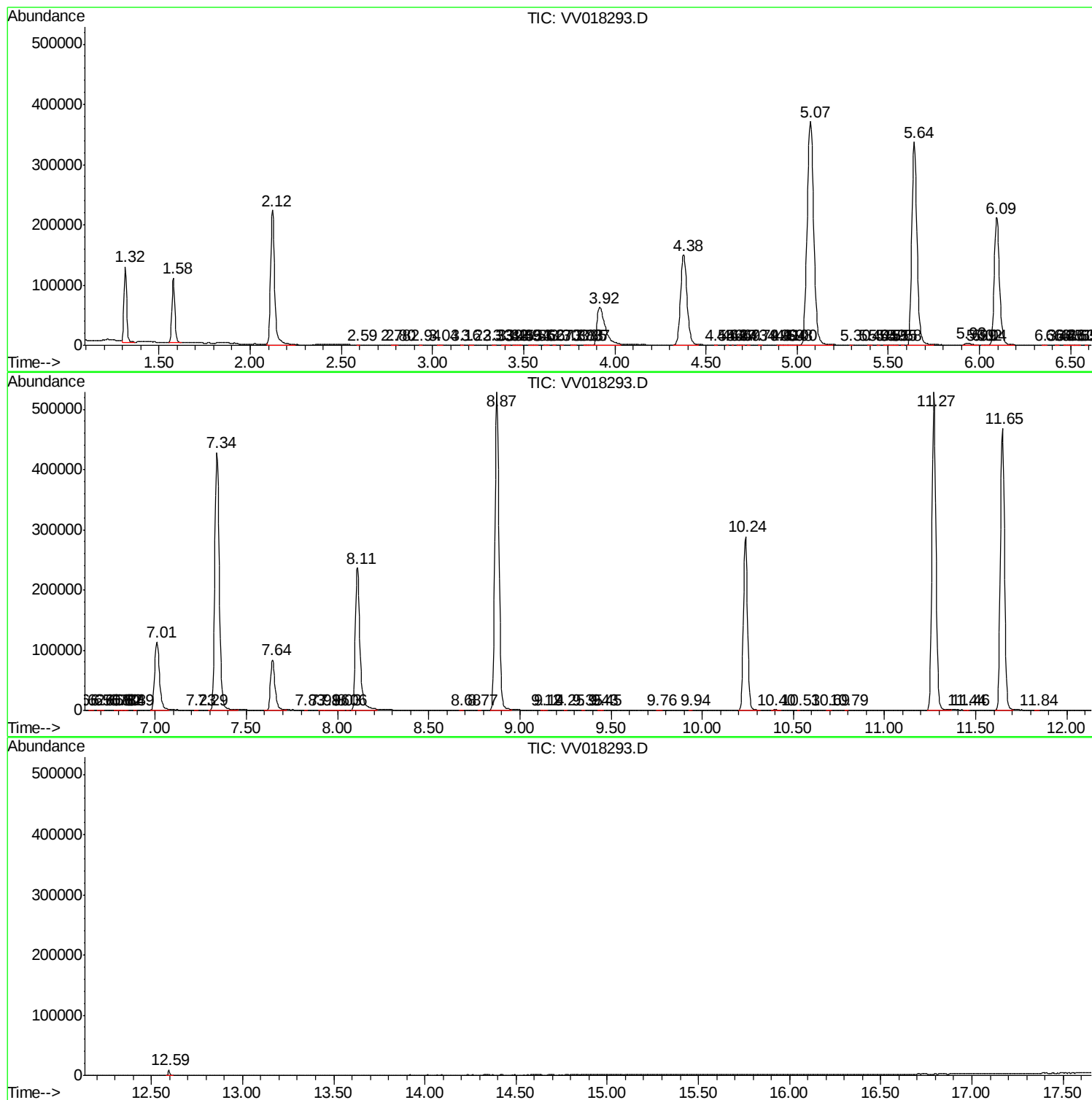
Sum of corrected areas: 7563576

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090920WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV091720\  
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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 |