

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111320\  
 Data File : VV019373.D  
 Acq On : 13 Nov 2020 12:29  
 Operator : SY/MD  
 Sample : L4693-12  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK02

## 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\SOMVLM111220WMA.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       | 63            | 70          | 80           | rVB      | 123795         | 122589        | 15.35%          | 1.923%        |
| 2         | 1.579       | 144           | 152         | 163          | rBV      | 108740         | 117486        | 14.71%          | 1.843%        |
| 3         | 2.122       | 310           | 321         | 345          | rVB      | 226095         | 341638        | 42.78%          | 5.358%        |
| 4         | 2.299       | 374           | 376         | 377          | rBV      | 271            | 116           | 0.01%           | 0.002%        |
| 5         | 2.450       | 416           | 423         | 427          | rBV2     | 220            | 280           | 0.04%           | 0.004%        |
| 6         | 2.524       | 441           | 446         | 450          | rBV2     | 499            | 481           | 0.06%           | 0.008%        |
| 7         | 2.666       | 488           | 490         | 496          | rVB2     | 290            | 269           | 0.03%           | 0.004%        |
| 8         | 2.701       | 498           | 501         | 507          | rBV      | 224            | 278           | 0.03%           | 0.004%        |
| 9         | 2.730       | 507           | 510         | 518          | rVB2     | 218            | 243           | 0.03%           | 0.004%        |
| 10        | 2.769       | 518           | 522         | 527          | rBV      | 212            | 158           | 0.02%           | 0.002%        |
| 11        | 2.794       | 527           | 530         | 531          | rBV      | 188            | 102           | 0.01%           | 0.002%        |
| 12        | 2.827       | 538           | 540         | 543          | rBB      | 236            | 116           | 0.01%           | 0.002%        |
| 13        | 2.920       | 566           | 569         | 571          | rVB2     | 169            | 93            | 0.01%           | 0.001%        |
| 14        | 3.003       | 593           | 595         | 596          | rBV      | 231            | 90            | 0.01%           | 0.001%        |
| 15        | 3.113       | 627           | 629         | 633          | rBV      | 172            | 91            | 0.01%           | 0.001%        |
| 16        | 3.293       | 683           | 685         | 687          | rBB      | 251            | 98            | 0.01%           | 0.002%        |
| 17        | 3.328       | 694           | 696         | 700          | rVB2     | 270            | 177           | 0.02%           | 0.003%        |
| 18        | 3.351       | 700           | 703         | 704          | rBV      | 133            | 95            | 0.01%           | 0.001%        |
| 19        | 3.412       | 721           | 722         | 725          | rVB      | 237            | 97            | 0.01%           | 0.002%        |
| 20        | 3.428       | 725           | 727         | 729          | rBB      | 222            | 105           | 0.01%           | 0.002%        |
| 21        | 3.450       | 730           | 734         | 736          | rBV      | 233            | 159           | 0.02%           | 0.002%        |
| 22        | 3.492       | 744           | 747         | 749          | rBV      | 174            | 151           | 0.02%           | 0.002%        |
| 23        | 3.527       | 753           | 758         | 759          | rBV      | 148            | 153           | 0.02%           | 0.002%        |
| 24        | 3.605       | 778           | 782         | 785          | rBV2     | 261            | 267           | 0.03%           | 0.004%        |
| 25        | 3.650       | 793           | 796         | 798          | rBV      | 248            | 137           | 0.02%           | 0.002%        |
| 26        | 3.679       | 802           | 805         | 811          | rBV2     | 265            | 340           | 0.04%           | 0.005%        |
| 27        | 3.778       | 833           | 836         | 838          | rBV      | 123            | 92            | 0.01%           | 0.001%        |
| 28        | 3.910       | 867           | 877         | 914          | rBV2     | 47313          | 140414        | 17.58%          | 2.202%        |
| 29        | 4.228       | 973           | 976         | 977          | rBV      | 282            | 165           | 0.02%           | 0.003%        |
| 30        | 4.380       | 1005          | 1023        | 1044         | rBV      | 137327         | 336456        | 42.13%          | 5.277%        |
| 31        | 4.527       | 1067          | 1069        | 1074         | rVB      | 257            | 153           | 0.02%           | 0.002%        |
| 32        | 4.601       | 1089          | 1092        | 1095         | rBV3     | 234            | 156           | 0.02%           | 0.002%        |
| 33        | 4.675       | 1111          | 1115        | 1117         | rBV2     | 274            | 245           | 0.03%           | 0.004%        |
| 34        | 4.698       | 1120          | 1122        | 1123         | rVB      | 234            | 77            | 0.01%           | 0.001%        |

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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\_V\METHOD\SOMVLM111220WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |         |         |
|----|-------|------|------|------|------|--------|--------|---------|---------|
| 35 | 4.733 | 1131 | 1133 | 1138 | rBV2 | 128    | 108    | 0.01%   | 0.002%  |
| 36 | 4.817 | 1157 | 1159 | 1163 | rBV  | 263    | 255    | 0.03%   | 0.004%  |
| 37 | 4.862 | 1170 | 1173 | 1175 | rVV2 | 209    | 131    | 0.02%   | 0.002%  |
| 38 | 4.878 | 1176 | 1178 | 1180 | rVB  | 241    | 99     | 0.01%   | 0.002%  |
| 39 | 4.894 | 1180 | 1183 | 1187 | rBB  | 239    | 179    | 0.02%   | 0.003%  |
| 40 | 4.926 | 1187 | 1193 | 1195 | rBV2 | 263    | 327    | 0.04%   | 0.005%  |
| 41 | 5.071 | 1221 | 1238 | 1266 | rBV2 | 314757 | 798594 | 100.00% | 12.524% |
| 42 | 5.312 | 1310 | 1313 | 1319 | rVB2 | 280    | 196    | 0.02%   | 0.003%  |
| 43 | 5.370 | 1327 | 1331 | 1337 | rBV2 | 270    | 401    | 0.05%   | 0.006%  |
| 44 | 5.447 | 1353 | 1355 | 1357 | rBV  | 231    | 120    | 0.02%   | 0.002%  |
| 45 | 5.521 | 1376 | 1378 | 1381 | rBV2 | 152    | 88     | 0.01%   | 0.001%  |
| 46 | 5.563 | 1388 | 1391 | 1393 | rBV2 | 271    | 223    | 0.03%   | 0.003%  |
| 47 | 5.640 | 1403 | 1415 | 1443 | rBV  | 258165 | 516666 | 64.70%  | 8.103%  |
| 48 | 5.929 | 1490 | 1505 | 1525 | rVB2 | 18776  | 37473  | 4.69%   | 0.588%  |
| 49 | 6.000 | 1525 | 1527 | 1529 | rBV  | 329    | 183    | 0.02%   | 0.003%  |
| 50 | 6.042 | 1538 | 1540 | 1541 | rBV  | 185    | 98     | 0.01%   | 0.002%  |
| 51 | 6.093 | 1543 | 1556 | 1577 | rVV2 | 173412 | 348418 | 43.63%  | 5.464%  |
| 52 | 6.293 | 1616 | 1618 | 1623 | rVB  | 142    | 150    | 0.02%   | 0.002%  |
| 53 | 6.367 | 1639 | 1641 | 1643 | rBV2 | 153    | 89     | 0.01%   | 0.001%  |
| 54 | 6.428 | 1657 | 1660 | 1663 | rBV2 | 278    | 279    | 0.03%   | 0.004%  |
| 55 | 6.498 | 1681 | 1682 | 1684 | rBV  | 221    | 82     | 0.01%   | 0.001%  |
| 56 | 6.643 | 1724 | 1727 | 1729 | rBV  | 155    | 113    | 0.01%   | 0.002%  |
| 57 | 6.752 | 1758 | 1761 | 1764 | rVB  | 169    | 95     | 0.01%   | 0.001%  |
| 58 | 6.797 | 1772 | 1775 | 1779 | rVB  | 198    | 128    | 0.02%   | 0.002%  |
| 59 | 6.820 | 1779 | 1782 | 1787 | rBV2 | 201    | 235    | 0.03%   | 0.004%  |
| 60 | 6.875 | 1795 | 1799 | 1800 | rBV  | 194    | 143    | 0.02%   | 0.002%  |
| 61 | 6.913 | 1807 | 1811 | 1813 | rBV  | 280    | 206    | 0.03%   | 0.003%  |
| 62 | 6.929 | 1813 | 1816 | 1818 | rVB  | 204    | 112    | 0.01%   | 0.002%  |
| 63 | 6.965 | 1824 | 1827 | 1829 | rBV2 | 215    | 140    | 0.02%   | 0.002%  |
| 64 | 7.006 | 1829 | 1840 | 1870 | rVV  | 101429 | 183144 | 22.93%  | 2.872%  |
| 65 | 7.212 | 1902 | 1904 | 1907 | rVB  | 244    | 122    | 0.02%   | 0.002%  |
| 66 | 7.248 | 1913 | 1915 | 1919 | rVB2 | 236    | 148    | 0.02%   | 0.002%  |
| 67 | 7.296 | 1927 | 1930 | 1931 | rBV2 | 191    | 102    | 0.01%   | 0.002%  |
| 68 | 7.338 | 1931 | 1943 | 1964 | rBV  | 374505 | 646892 | 81.00%  | 10.145% |
| 69 | 7.640 | 2027 | 2037 | 2069 | rBV  | 76036  | 132205 | 16.55%  | 2.073%  |
| 70 | 7.833 | 2095 | 2097 | 2102 | rVB  | 175    | 90     | 0.01%   | 0.001%  |
| 71 | 7.881 | 2106 | 2112 | 2115 | rBV2 | 253    | 364    | 0.05%   | 0.006%  |

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 Sampling : 1  
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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\_V\METHOD\SOMVLM111220WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 8.000  | 2146 | 2149 | 2151 | rVV  | 251    | 147    | 0.02%  | 0.002%  |
| 73  | 8.051  | 2161 | 2165 | 2169 | rBV  | 195    | 182    | 0.02%  | 0.003%  |
| 74  | 8.074  | 2169 | 2172 | 2173 | rBV2 | 139    | 84     | 0.01%  | 0.001%  |
| 75  | 8.106  | 2173 | 2182 | 2220 | rBV2 | 165342 | 318553 | 39.89% | 4.996%  |
| 76  | 8.386  | 2266 | 2269 | 2270 | rBV2 | 219    | 122    | 0.02%  | 0.002%  |
| 77  | 8.649  | 2346 | 2351 | 2356 | rVB2 | 210    | 204    | 0.03%  | 0.003%  |
| 78  | 8.871  | 2409 | 2420 | 2448 | rBV  | 405464 | 652745 | 81.74% | 10.237% |
| 79  | 9.061  | 2474 | 2479 | 2481 | rBV2 | 303    | 291    | 0.04%  | 0.005%  |
| 80  | 9.264  | 2540 | 2542 | 2544 | rBV  | 277    | 204    | 0.03%  | 0.003%  |
| 81  | 9.392  | 2578 | 2582 | 2585 | rVB2 | 198    | 181    | 0.02%  | 0.003%  |
| 82  | 9.656  | 2660 | 2664 | 2668 | rBV2 | 195    | 218    | 0.03%  | 0.003%  |
| 83  | 9.920  | 2744 | 2746 | 2749 | rBV2 | 165    | 85     | 0.01%  | 0.001%  |
| 84  | 10.235 | 2833 | 2844 | 2867 | rBV  | 219867 | 343291 | 42.99% | 5.384%  |
| 85  | 10.752 | 2998 | 3005 | 3008 | rBV2 | 245    | 311    | 0.04%  | 0.005%  |
| 86  | 10.813 | 3021 | 3024 | 3027 | rBV  | 191    | 100    | 0.01%  | 0.002%  |
| 87  | 10.974 | 3069 | 3074 | 3079 | rBV2 | 220    | 316    | 0.04%  | 0.005%  |
| 88  | 11.019 | 3085 | 3088 | 3090 | rBV  | 164    | 92     | 0.01%  | 0.001%  |
| 89  | 11.096 | 3109 | 3112 | 3114 | rBV  | 223    | 158    | 0.02%  | 0.002%  |
| 90  | 11.157 | 3129 | 3131 | 3135 | rVB  | 187    | 82     | 0.01%  | 0.001%  |
| 91  | 11.270 | 3154 | 3166 | 3189 | rBV  | 429049 | 666461 | 83.45% | 10.452% |
| 92  | 11.563 | 3252 | 3257 | 3260 | rBV2 | 201    | 196    | 0.02%  | 0.003%  |
| 93  | 11.646 | 3270 | 3283 | 3300 | rBV  | 419016 | 659153 | 82.54% | 10.337% |
| 94  | 12.235 | 3463 | 3466 | 3470 | rVB  | 242    | 172    | 0.02%  | 0.003%  |
| 95  | 12.775 | 3632 | 3634 | 3635 | rVB2 | 354    | 90     | 0.01%  | 0.001%  |
| 96  | 12.788 | 3635 | 3638 | 3640 | rBV2 | 165    | 94     | 0.01%  | 0.001%  |
| 97  | 13.534 | 3866 | 3870 | 3873 | rBV2 | 316    | 256    | 0.03%  | 0.004%  |
| 98  | 14.048 | 4027 | 4030 | 4031 | rBV  | 236    | 137    | 0.02%  | 0.002%  |
| 99  | 14.189 | 4071 | 4074 | 4076 | rBV2 | 387    | 246    | 0.03%  | 0.004%  |
| 100 | 14.276 | 4099 | 4101 | 4103 | rBV3 | 374    | 231    | 0.03%  | 0.004%  |

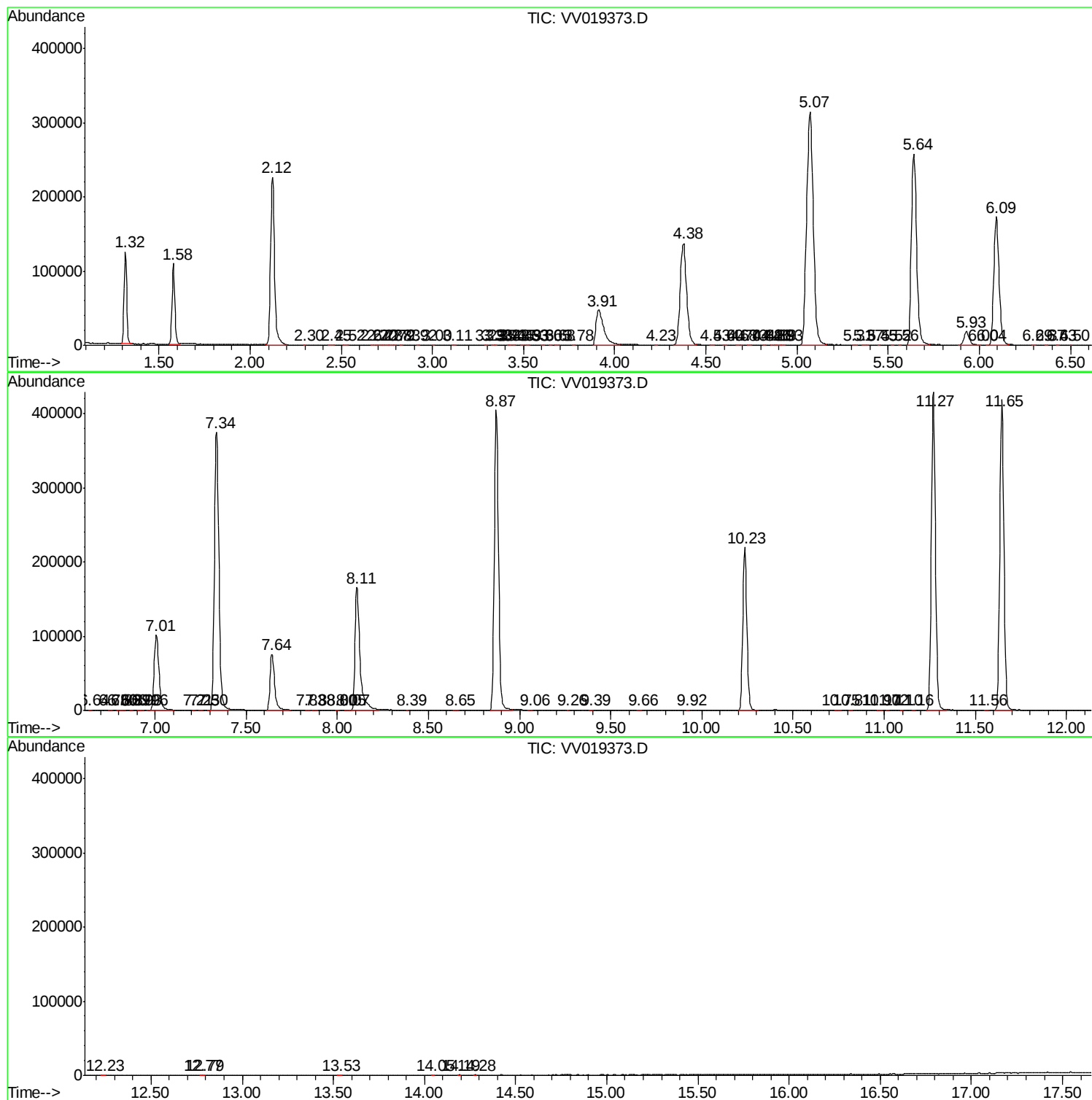
Sum of corrected areas: 6376367

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM111220WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV111320\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM111220WMA.M  
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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        |