

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU010824\  
 Data File : VU057408.D  
 Acq On : 09 Jan 2024 01:57  
 Operator : MD/SY  
 Sample : P1058-01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 YCH89

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM010824WMA.M  
 Title : VOC Analysis

Signal : TIC: VU057408.D\data.ms

| 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         | 1.599       | 88            | 96          | 109          | rVB      | 107286         | 127705        | 13.01%          | 1.676%        |
| 2         | 1.914       | 186           | 194         | 209          | rBV      | 78282          | 108436        | 11.05%          | 1.423%        |
| 3         | 2.364       | 327           | 334         | 343          | rVB4     | 4216           | 5642          | 0.57%           | 0.074%        |
| 4         | 2.499       | 375           | 376         | 379          | rBV      | 268            | 194           | 0.02%           | 0.003%        |
| 5         | 2.560       | 383           | 395         | 409          | rBV      | 208099         | 344056        | 35.05%          | 4.515%        |
| 6         | 2.644       | 409           | 421         | 456          | rVB      | 95055          | 266034        | 27.10%          | 3.491%        |
| 7         | 3.554       | 700           | 704         | 712          | rBV3     | 724            | 984           | 0.10%           | 0.013%        |
| 8         | 3.666       | 737           | 739         | 743          | rBV      | 193            | 184           | 0.02%           | 0.002%        |
| 9         | 3.695       | 746           | 748         | 750          | rVB2     | 380            | 172           | 0.02%           | 0.002%        |
| 10        | 3.721       | 751           | 756         | 759          | rBB2     | 344            | 257           | 0.03%           | 0.003%        |
| 11        | 3.792       | 775           | 778         | 780          | rBV2     | 232            | 152           | 0.02%           | 0.002%        |
| 12        | 3.859       | 788           | 799         | 815          | rBV3     | 7559           | 17945         | 1.83%           | 0.235%        |
| 13        | 4.017       | 845           | 848         | 850          | rBV2     | 289            | 165           | 0.02%           | 0.002%        |
| 14        | 4.059       | 857           | 861         | 863          | rBB      | 234            | 153           | 0.02%           | 0.002%        |
| 15        | 4.162       | 890           | 893         | 897          | rBV2     | 328            | 292           | 0.03%           | 0.004%        |
| 16        | 4.207       | 904           | 907         | 909          | rBB2     | 284            | 158           | 0.02%           | 0.002%        |
| 17        | 4.245       | 916           | 919         | 922          | rBB      | 297            | 150           | 0.02%           | 0.002%        |
| 18        | 4.290       | 930           | 933         | 937          | rBB2     | 238            | 183           | 0.02%           | 0.002%        |
| 19        | 4.351       | 949           | 952         | 954          | rBB      | 269            | 156           | 0.02%           | 0.002%        |
| 20        | 4.380       | 957           | 961         | 964          | rBB      | 251            | 199           | 0.02%           | 0.003%        |
| 21        | 4.637       | 1028          | 1041        | 1059         | rBV      | 47295          | 150194        | 15.30%          | 1.971%        |
| 22        | 4.994       | 1149          | 1152        | 1154         | rBV      | 269            | 201           | 0.02%           | 0.003%        |
| 23        | 5.055       | 1154          | 1171        | 1197         | rBV2     | 193912         | 462848        | 47.15%          | 6.074%        |
| 24        | 5.351       | 1261          | 1263        | 1264         | rBV      | 508            | 234           | 0.02%           | 0.003%        |
| 25        | 5.416       | 1281          | 1283        | 1287         | rVB      | 389            | 248           | 0.03%           | 0.003%        |
| 26        | 5.441       | 1287          | 1291        | 1293         | rBV      | 383            | 327           | 0.03%           | 0.004%        |
| 27        | 5.457       | 1294          | 1296        | 1300         | rVB2     | 237            | 176           | 0.02%           | 0.002%        |
| 28        | 5.528       | 1314          | 1318        | 1321         | rVB      | 733            | 536           | 0.05%           | 0.007%        |
| 29        | 5.579       | 1331          | 1334        | 1338         | rBV      | 281            | 256           | 0.03%           | 0.003%        |
| 30        | 5.621       | 1344          | 1347        | 1350         | rVB      | 338            | 246           | 0.03%           | 0.003%        |
| 31        | 5.644       | 1351          | 1354        | 1356         | rBV      | 387            | 261           | 0.03%           | 0.003%        |
| 32        | 5.718       | 1356          | 1377        | 1414         | rBV3     | 350574         | 981606        | 100.00%         | 12.881%       |
| 33        | 5.927       | 1438          | 1442        | 1446         | rBV      | 592            | 548           | 0.06%           | 0.007%        |
| 34        | 5.978       | 1455          | 1458        | 1462         | rBV3     | 450            | 343           | 0.03%           | 0.005%        |
| 35        | 6.129       | 1500          | 1505        | 1507         | rBB      | 226            | 185           | 0.02%           | 0.002%        |
| 36        | 6.152       | 1510          | 1512        | 1516         | rBV      | 315            | 284           | 0.03%           | 0.004%        |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM010824WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 37 | 6.242  | 1527 | 1540 | 1563 | rBV  | 333696 | 646533 | 65.86% | 8.484%  |
| 38 | 6.525  | 1623 | 1628 | 1631 | rBV3 | 976    | 896    | 0.09%  | 0.012%  |
| 39 | 6.557  | 1636 | 1638 | 1643 | rVB2 | 491    | 273    | 0.03%  | 0.004%  |
| 40 | 6.602  | 1648 | 1652 | 1660 | rVB3 | 521    | 522    | 0.05%  | 0.007%  |
| 41 | 6.682  | 1661 | 1677 | 1698 | rBV  | 212434 | 421315 | 42.92% | 5.529%  |
| 42 | 6.862  | 1730 | 1733 | 1736 | rBV2 | 248    | 222    | 0.02%  | 0.003%  |
| 43 | 6.936  | 1752 | 1756 | 1759 | rBB  | 214    | 188    | 0.02%  | 0.002%  |
| 44 | 7.094  | 1802 | 1805 | 1809 | rBB2 | 319    | 247    | 0.03%  | 0.003%  |
| 45 | 7.145  | 1816 | 1821 | 1822 | rBV2 | 339    | 233    | 0.02%  | 0.003%  |
| 46 | 7.155  | 1822 | 1824 | 1826 | rBV  | 437    | 307    | 0.03%  | 0.004%  |
| 47 | 7.165  | 1826 | 1827 | 1833 | rVB2 | 581    | 454    | 0.05%  | 0.006%  |
| 48 | 7.290  | 1863 | 1866 | 1868 | rBV  | 227    | 176    | 0.02%  | 0.002%  |
| 49 | 7.399  | 1898 | 1900 | 1903 | rBB2 | 304    | 182    | 0.02%  | 0.002%  |
| 50 | 7.489  | 1924 | 1928 | 1935 | rBB3 | 273    | 379    | 0.04%  | 0.005%  |
| 51 | 7.560  | 1935 | 1950 | 1971 | rBV  | 118733 | 214442 | 21.85% | 2.814%  |
| 52 | 7.702  | 1991 | 1994 | 1997 | rBV3 | 384    | 242    | 0.02%  | 0.003%  |
| 53 | 7.891  | 2039 | 2053 | 2078 | rBV  | 419159 | 757233 | 77.14% | 9.937%  |
| 54 | 8.116  | 2121 | 2123 | 2126 | rBV  | 240    | 152    | 0.02%  | 0.002%  |
| 55 | 8.174  | 2129 | 2141 | 2163 | rBV2 | 81607  | 149725 | 15.25% | 1.965%  |
| 56 | 8.287  | 2174 | 2176 | 2180 | rBV  | 296    | 175    | 0.02%  | 0.002%  |
| 57 | 8.431  | 2219 | 2221 | 2223 | rBV  | 288    | 152    | 0.02%  | 0.002%  |
| 58 | 8.518  | 2246 | 2248 | 2251 | rBV2 | 263    | 202    | 0.02%  | 0.003%  |
| 59 | 8.547  | 2251 | 2257 | 2263 | rVB4 | 1482   | 1487   | 0.15%  | 0.020%  |
| 60 | 8.640  | 2273 | 2286 | 2317 | rBV2 | 176418 | 379865 | 38.70% | 4.985%  |
| 61 | 8.821  | 2339 | 2342 | 2344 | rVB  | 469    | 295    | 0.03%  | 0.004%  |
| 62 | 8.833  | 2344 | 2346 | 2350 | rBV  | 203    | 155    | 0.02%  | 0.002%  |
| 63 | 8.898  | 2362 | 2366 | 2369 | rVB  | 358    | 258    | 0.03%  | 0.003%  |
| 64 | 8.927  | 2369 | 2375 | 2377 | rBV  | 413    | 388    | 0.04%  | 0.005%  |
| 65 | 9.120  | 2431 | 2435 | 2436 | rBV  | 200    | 164    | 0.02%  | 0.002%  |
| 66 | 9.412  | 2512 | 2526 | 2553 | rBV  | 445910 | 778821 | 79.34% | 10.220% |
| 67 | 9.576  | 2572 | 2577 | 2581 | rVV3 | 660    | 669    | 0.07%  | 0.009%  |
| 68 | 9.689  | 2608 | 2612 | 2613 | rBV2 | 512    | 305    | 0.03%  | 0.004%  |
| 69 | 9.743  | 2623 | 2629 | 2632 | rBV2 | 298    | 363    | 0.04%  | 0.005%  |
| 70 | 9.885  | 2669 | 2673 | 2676 | rBB2 | 216    | 164    | 0.02%  | 0.002%  |
| 71 | 10.145 | 2752 | 2754 | 2757 | rVB  | 390    | 218    | 0.02%  | 0.003%  |
| 72 | 10.216 | 2773 | 2776 | 2780 | rBB  | 266    | 213    | 0.02%  | 0.003%  |
| 73 | 10.242 | 2780 | 2784 | 2785 | rBV  | 201    | 157    | 0.02%  | 0.002%  |
| 74 | 10.335 | 2811 | 2813 | 2817 | rVB  | 342    | 197    | 0.02%  | 0.003%  |
| 75 | 10.374 | 2818 | 2825 | 2830 | rBV  | 255    | 364    | 0.04%  | 0.005%  |
| 76 | 10.476 | 2851 | 2857 | 2858 | rBV  | 484    | 408    | 0.04%  | 0.005%  |

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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\SFAMULM010824WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 10.753 | 2930 | 2943 | 2962 | rBV2 | 284645 | 468844 | 47.76% | 6.152% |
| 78  | 10.878 | 2979 | 2982 | 2983 | rBV  | 522    | 308    | 0.03%  | 0.004% |
| 79  | 11.087 | 3043 | 3047 | 3051 | rBV2 | 963    | 788    | 0.08%  | 0.010% |
| 80  | 11.316 | 3116 | 3118 | 3120 | rBV  | 359    | 159    | 0.02%  | 0.002% |
| 81  | 11.470 | 3158 | 3166 | 3168 | rBV3 | 1096   | 1266   | 0.13%  | 0.017% |
| 82  | 11.634 | 3213 | 3217 | 3220 | rBV2 | 283    | 249    | 0.03%  | 0.003% |
| 83  | 11.740 | 3246 | 3250 | 3251 | rBV2 | 1147   | 758    | 0.08%  | 0.010% |
| 84  | 11.808 | 3259 | 3271 | 3299 | rBV  | 403559 | 651423 | 66.36% | 8.548% |
| 85  | 12.187 | 3376 | 3389 | 3413 | rBV  | 383898 | 641733 | 65.38% | 8.421% |
| 86  | 12.418 | 3455 | 3461 | 3465 | rBV2 | 427    | 373    | 0.04%  | 0.005% |
| 87  | 12.528 | 3491 | 3495 | 3499 | rBV  | 207    | 263    | 0.03%  | 0.003% |
| 88  | 12.836 | 3588 | 3591 | 3595 | rBV  | 242    | 197    | 0.02%  | 0.003% |
| 89  | 12.859 | 3595 | 3598 | 3603 | rVV  | 258    | 218    | 0.02%  | 0.003% |
| 90  | 13.110 | 3672 | 3676 | 3679 | rBV  | 224    | 207    | 0.02%  | 0.003% |
| 91  | 13.225 | 3706 | 3712 | 3724 | rVB4 | 2128   | 3196   | 0.33%  | 0.042% |
| 92  | 13.425 | 3770 | 3774 | 3777 | rBV3 | 465    | 352    | 0.04%  | 0.005% |
| 93  | 13.843 | 3898 | 3904 | 3914 | rVB5 | 3723   | 5412   | 0.55%  | 0.071% |
| 94  | 13.881 | 3914 | 3916 | 3919 | rVB3 | 506    | 180    | 0.02%  | 0.002% |
| 95  | 14.023 | 3958 | 3960 | 3963 | rBV  | 267    | 185    | 0.02%  | 0.002% |
| 96  | 14.094 | 3973 | 3982 | 3993 | rBV4 | 4315   | 7567   | 0.77%  | 0.099% |
| 97  | 14.190 | 4009 | 4012 | 4013 | rBV  | 351    | 226    | 0.02%  | 0.003% |
| 98  | 14.332 | 4050 | 4056 | 4063 | rVB4 | 3998   | 5593   | 0.57%  | 0.073% |
| 99  | 14.402 | 4075 | 4078 | 4080 | rBV2 | 360    | 266    | 0.03%  | 0.003% |
| 100 | 14.650 | 4153 | 4155 | 4158 | rBV2 | 602    | 302    | 0.03%  | 0.004% |

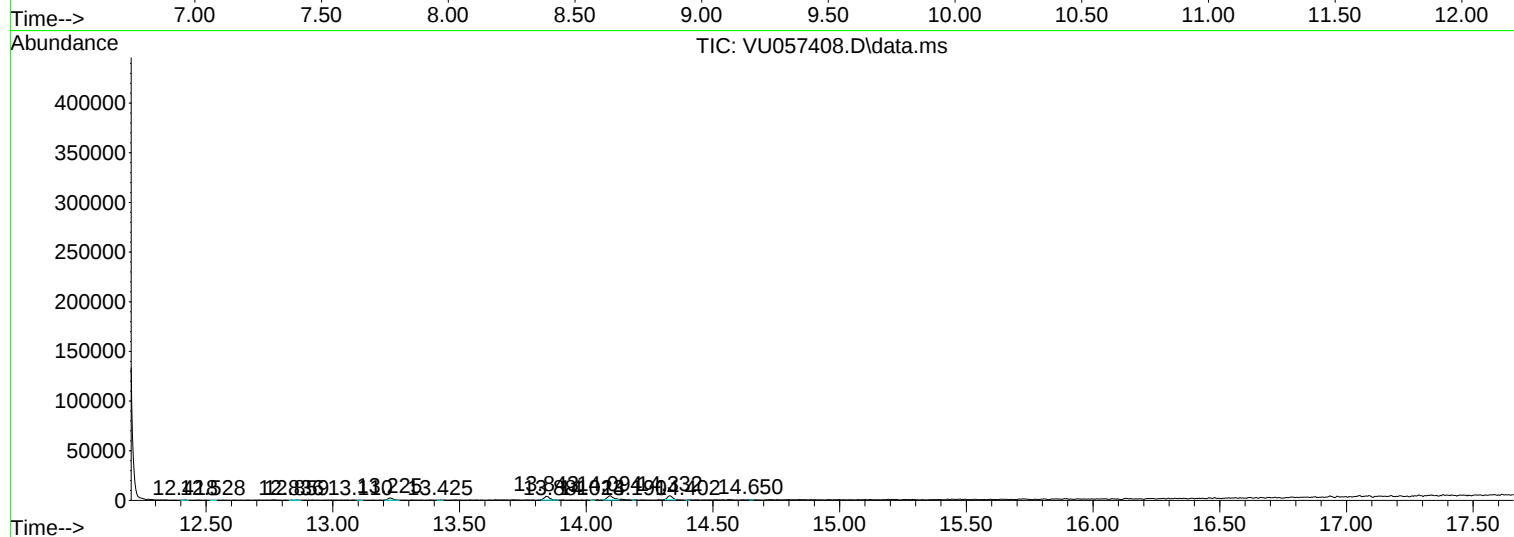
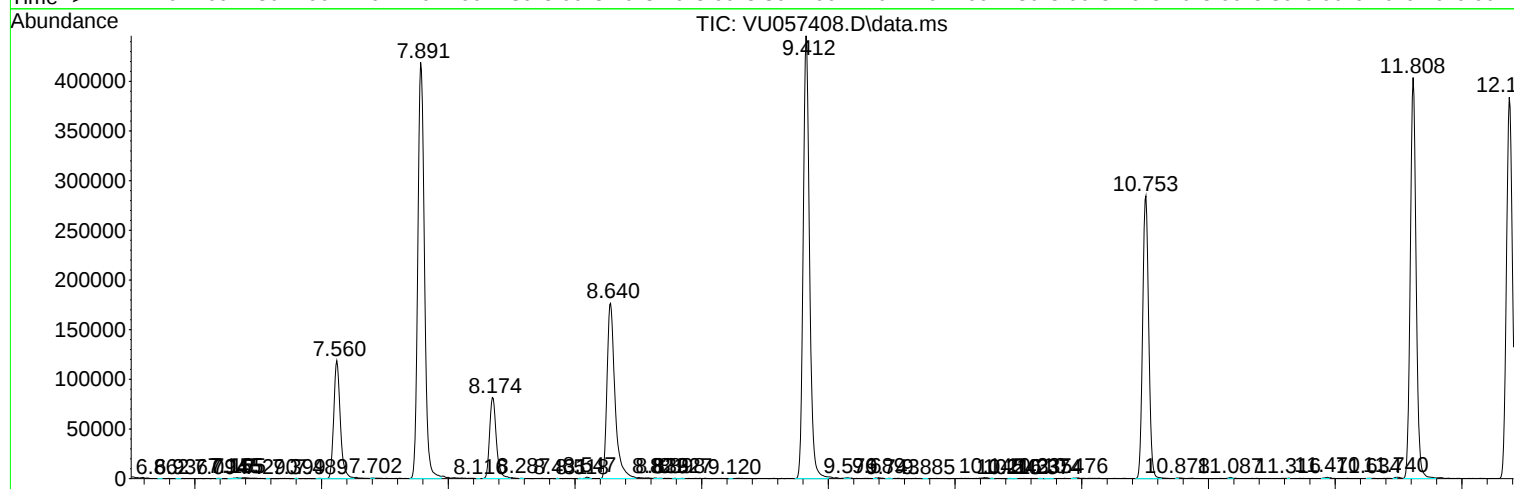
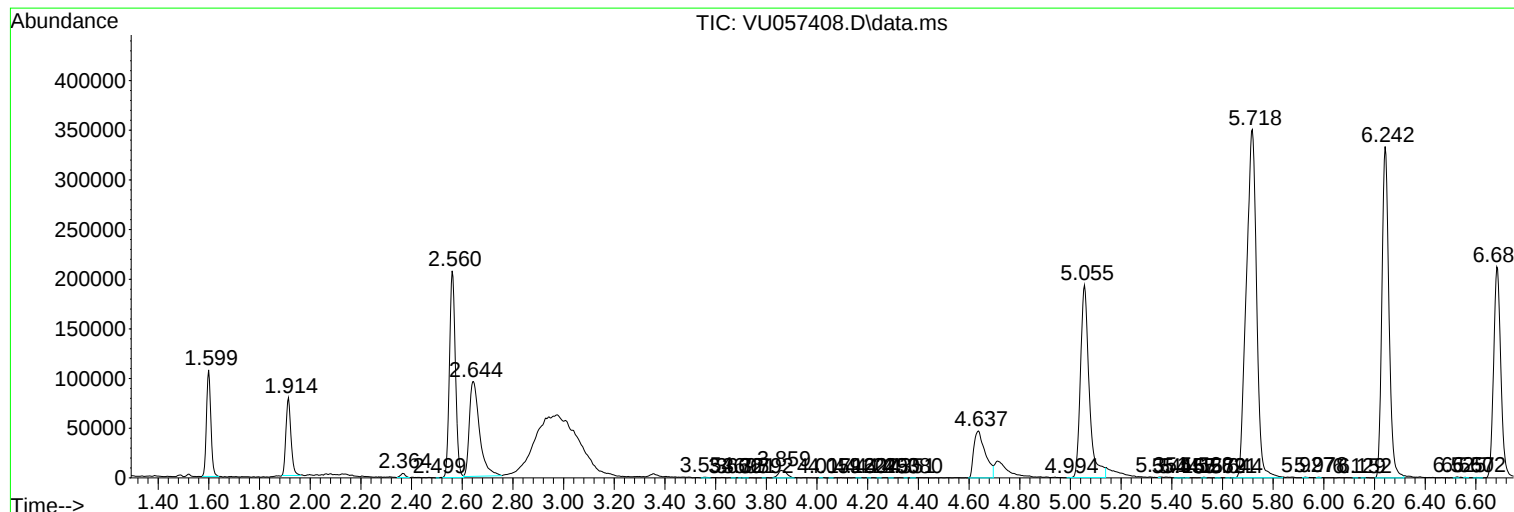
Sum of corrected areas: 7620516

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM010824WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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No Library Search Compounds Detected

\*\*\*\*\*

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| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
|------------------|----|---------|-------|----------|---|----|------|------|
|------------------|----|---------|-------|----------|---|----|------|------|