

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU072619\  
 Data File : VU033443.D  
 Acq On : 26 Jul 2019 11:21  
 Operator : JC/SP  
 Sample : K3982-06  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

## 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\SOMULM071219WMA.M  
 Title : VOC Analysis

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 1.392    | 86         | 94       | 110       | rVB   | 147519      | 156205     | 14.70%       | 1.875%     |
| 2      | 1.543    | 133        | 141      | 151       | rVB   | 20589       | 26696      | 2.51%        | 0.320%     |
| 3      | 1.669    | 172        | 180      | 198       | rBV   | 133551      | 173641     | 16.34%       | 2.084%     |
| 4      | 2.257    | 352        | 363      | 376       | rVB   | 293895      | 437646     | 41.18%       | 5.252%     |
| 5      | 2.421    | 412        | 414      | 417       | rBV3  | 482         | 362        | 0.03%        | 0.004%     |
| 6      | 2.630    | 476        | 479      | 483       | rVB3  | 384         | 288        | 0.03%        | 0.003%     |
| 7      | 2.656    | 483        | 487      | 491       | rBV3  | 420         | 406        | 0.04%        | 0.005%     |
| 8      | 2.678    | 491        | 494      | 502       | rVV4  | 958         | 1353       | 0.13%        | 0.016%     |
| 9      | 2.736    | 508        | 512      | 516       | rBV2  | 296         | 279        | 0.03%        | 0.003%     |
| 10     | 2.820    | 524        | 538      | 550       | rBV2  | 5374        | 10930      | 1.03%        | 0.131%     |
| 11     | 3.026    | 599        | 602      | 607       | rBV   | 285         | 201        | 0.02%        | 0.002%     |
| 12     | 3.389    | 712        | 715      | 719       | rBV   | 331         | 251        | 0.02%        | 0.003%     |
| 13     | 3.434    | 726        | 729      | 733       | rVV2  | 232         | 206        | 0.02%        | 0.002%     |
| 14     | 3.456    | 733        | 736      | 739       | rVB2  | 318         | 235        | 0.02%        | 0.003%     |
| 15     | 3.482    | 740        | 744      | 748       | rVB   | 370         | 213        | 0.02%        | 0.003%     |
| 16     | 3.598    | 775        | 780      | 781       | rBV   | 307         | 213        | 0.02%        | 0.003%     |
| 17     | 3.820    | 847        | 849      | 858       | rVB2  | 310         | 379        | 0.04%        | 0.005%     |
| 18     | 3.871    | 862        | 865      | 868       | rVV2  | 420         | 351        | 0.03%        | 0.004%     |
| 19     | 3.900    | 872        | 874      | 880       | rVV2  | 265         | 212        | 0.02%        | 0.003%     |
| 20     | 3.932    | 880        | 884      | 887       | rVB2  | 295         | 212        | 0.02%        | 0.003%     |
| 21     | 4.032    | 911        | 915      | 919       | rBV2  | 358         | 331        | 0.03%        | 0.004%     |
| 22     | 4.151    | 937        | 952      | 999       | rBV   | 97641       | 283267     | 26.66%       | 3.399%     |
| 23     | 4.382    | 1022       | 1024     | 1028      | rBV2  | 336         | 269        | 0.03%        | 0.003%     |
| 24     | 4.624    | 1081       | 1099     | 1125      | rBV   | 178698      | 439589     | 41.37%       | 5.275%     |
| 25     | 4.804    | 1152       | 1155     | 1156      | rBV2  | 320         | 224        | 0.02%        | 0.003%     |
| 26     | 4.862    | 1170       | 1173     | 1177      | rBV3  | 401         | 400        | 0.04%        | 0.005%     |
| 27     | 4.916    | 1187       | 1190     | 1196      | rBV3  | 190         | 197        | 0.02%        | 0.002%     |
| 28     | 4.974    | 1206       | 1208     | 1212      | rVB   | 348         | 207        | 0.02%        | 0.002%     |
| 29     | 5.029    | 1217       | 1225     | 1231      | rBV2  | 285         | 398        | 0.04%        | 0.005%     |
| 30     | 5.109    | 1247       | 1250     | 1254      | rVB2  | 252         | 197        | 0.02%        | 0.002%     |
| 31     | 5.318    | 1290       | 1315     | 1339      | rBV2  | 349975      | 1062706    | 100.00%      | 12.753%    |
| 32     | 5.582    | 1393       | 1397     | 1404      | rBV5  | 338         | 306        | 0.03%        | 0.004%     |
| 33     | 5.614    | 1405       | 1407     | 1410      | rVB2  | 484         | 280        | 0.03%        | 0.003%     |
| 34     | 5.636    | 1410       | 1414     | 1416      | rBV2  | 362         | 282        | 0.03%        | 0.003%     |

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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\SOMULM071219WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 5.659  | 1416 | 1421 | 1425 | rVB2 | 437    | 387    | 0.04%  | 0.005% |
| 36 | 5.730  | 1439 | 1443 | 1449 | rVB3 | 407    | 455    | 0.04%  | 0.005% |
| 37 | 5.791  | 1457 | 1462 | 1465 | rBV2 | 359    | 433    | 0.04%  | 0.005% |
| 38 | 5.865  | 1471 | 1485 | 1508 | rBV  | 303697 | 614984 | 57.87% | 7.380% |
| 39 | 6.083  | 1547 | 1553 | 1559 | rVB4 | 540    | 652    | 0.06%  | 0.008% |
| 40 | 6.167  | 1569 | 1579 | 1592 | rVB7 | 5831   | 11397  | 1.07%  | 0.137% |
| 41 | 6.241  | 1600 | 1602 | 1605 | rVB  | 338    | 226    | 0.02%  | 0.003% |
| 42 | 6.308  | 1605 | 1623 | 1644 | rBV  | 240448 | 488041 | 45.92% | 5.857% |
| 43 | 6.514  | 1682 | 1687 | 1689 | rVV  | 331    | 245    | 0.02%  | 0.003% |
| 44 | 6.643  | 1722 | 1727 | 1730 | rVB2 | 308    | 252    | 0.02%  | 0.003% |
| 45 | 6.681  | 1733 | 1739 | 1743 | rBV2 | 282    | 308    | 0.03%  | 0.004% |
| 46 | 6.849  | 1785 | 1791 | 1792 | rBV2 | 442    | 406    | 0.04%  | 0.005% |
| 47 | 6.874  | 1796 | 1799 | 1803 | rVB2 | 485    | 312    | 0.03%  | 0.004% |
| 48 | 7.209  | 1890 | 1903 | 1923 | rBV  | 126072 | 226585 | 21.32% | 2.719% |
| 49 | 7.366  | 1948 | 1952 | 1956 | rBV3 | 246    | 196    | 0.02%  | 0.002% |
| 50 | 7.408  | 1962 | 1965 | 1968 | rBV3 | 326    | 301    | 0.03%  | 0.004% |
| 51 | 7.463  | 1977 | 1982 | 1985 | rBV3 | 341    | 427    | 0.04%  | 0.005% |
| 52 | 7.546  | 1994 | 2008 | 2047 | rBV  | 441177 | 812704 | 76.47% | 9.753% |
| 53 | 7.832  | 2083 | 2097 | 2122 | rBV  | 90251  | 159482 | 15.01% | 1.914% |
| 54 | 8.096  | 2176 | 2179 | 2186 | rVB2 | 261    | 293    | 0.03%  | 0.004% |
| 55 | 8.164  | 2195 | 2200 | 2207 | rVB5 | 697    | 933    | 0.09%  | 0.011% |
| 56 | 8.222  | 2215 | 2218 | 2221 | rBV  | 541    | 379    | 0.04%  | 0.005% |
| 57 | 8.295  | 2229 | 2241 | 2268 | rBV  | 292767 | 539546 | 50.77% | 6.475% |
| 58 | 8.607  | 2334 | 2338 | 2344 | rBV3 | 608    | 804    | 0.08%  | 0.010% |
| 59 | 8.685  | 2356 | 2362 | 2365 | rBV3 | 398    | 331    | 0.03%  | 0.004% |
| 60 | 8.810  | 2397 | 2401 | 2408 | rBV2 | 283    | 324    | 0.03%  | 0.004% |
| 61 | 9.074  | 2469 | 2483 | 2523 | rVV  | 466992 | 807697 | 76.00% | 9.693% |
| 62 | 9.308  | 2551 | 2556 | 2558 | rVB2 | 242    | 210    | 0.02%  | 0.003% |
| 63 | 9.360  | 2567 | 2572 | 2573 | rBV3 | 465    | 404    | 0.04%  | 0.005% |
| 64 | 9.775  | 2693 | 2701 | 2707 | rBV2 | 403    | 680    | 0.06%  | 0.008% |
| 65 | 9.836  | 2717 | 2720 | 2724 | rVV2 | 290    | 269    | 0.03%  | 0.003% |
| 66 | 9.890  | 2734 | 2737 | 2743 | rVB2 | 373    | 367    | 0.03%  | 0.004% |
| 67 | 9.951  | 2753 | 2756 | 2759 | rBV2 | 341    | 336    | 0.03%  | 0.004% |
| 68 | 10.000 | 2765 | 2771 | 2775 | rBV3 | 462    | 449    | 0.04%  | 0.005% |
| 69 | 10.025 | 2775 | 2779 | 2782 | rVB  | 204    | 196    | 0.02%  | 0.002% |
| 70 | 10.151 | 2814 | 2818 | 2824 | rBV2 | 427    | 492    | 0.05%  | 0.006% |
| 71 | 10.193 | 2828 | 2831 | 2835 | rBV2 | 247    | 224    | 0.02%  | 0.003% |

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Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
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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\SOMULM071219WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 10.247 | 2840 | 2848 | 2850 | rBV2 | 330    | 396    | 0.04%  | 0.005% |
| 73  | 10.273 | 2853 | 2856 | 2860 | rVB2 | 211    | 209    | 0.02%  | 0.003% |
| 74  | 10.414 | 2888 | 2900 | 2925 | rVB  | 370311 | 597518 | 56.23% | 7.171% |
| 75  | 10.501 | 2925 | 2927 | 2932 | rVB3 | 531    | 465    | 0.04%  | 0.006% |
| 76  | 10.553 | 2939 | 2943 | 2947 | rVB2 | 300    | 306    | 0.03%  | 0.004% |
| 77  | 10.598 | 2950 | 2957 | 2958 | rBV2 | 506    | 522    | 0.05%  | 0.006% |
| 78  | 11.237 | 3153 | 3156 | 3158 | rBV3 | 332    | 210    | 0.02%  | 0.003% |
| 79  | 11.276 | 3162 | 3168 | 3169 | rBV2 | 314    | 213    | 0.02%  | 0.003% |
| 80  | 11.408 | 3203 | 3209 | 3213 | rBV4 | 609    | 714    | 0.07%  | 0.009% |
| 81  | 11.469 | 3213 | 3228 | 3253 | rBV  | 444960 | 702541 | 66.11% | 8.431% |
| 82  | 11.681 | 3291 | 3294 | 3298 | rVB2 | 373    | 226    | 0.02%  | 0.003% |
| 83  | 11.736 | 3309 | 3311 | 3314 | rVV3 | 356    | 230    | 0.02%  | 0.003% |
| 84  | 11.784 | 3318 | 3326 | 3330 | rBV4 | 547    | 504    | 0.05%  | 0.006% |
| 85  | 11.845 | 3330 | 3345 | 3368 | rBV  | 456369 | 752805 | 70.84% | 9.034% |
| 86  | 12.083 | 3416 | 3419 | 3421 | rBV3 | 415    | 254    | 0.02%  | 0.003% |
| 87  | 12.209 | 3455 | 3458 | 3462 | rVB2 | 514    | 367    | 0.03%  | 0.004% |
| 88  | 12.237 | 3462 | 3467 | 3469 | rBV2 | 365    | 351    | 0.03%  | 0.004% |
| 89  | 12.546 | 3560 | 3563 | 3565 | rBV2 | 434    | 313    | 0.03%  | 0.004% |
| 90  | 12.713 | 3611 | 3615 | 3618 | rBV2 | 471    | 477    | 0.04%  | 0.006% |
| 91  | 12.909 | 3673 | 3676 | 3679 | rBV  | 317    | 243    | 0.02%  | 0.003% |
| 92  | 13.099 | 3731 | 3735 | 3738 | rBV  | 420    | 424    | 0.04%  | 0.005% |
| 93  | 13.115 | 3738 | 3740 | 3743 | rVB2 | 363    | 214    | 0.02%  | 0.003% |
| 94  | 13.225 | 3771 | 3774 | 3777 | rBV2 | 343    | 276    | 0.03%  | 0.003% |
| 95  | 13.289 | 3788 | 3794 | 3795 | rBV2 | 359    | 367    | 0.03%  | 0.004% |
| 96  | 13.659 | 3906 | 3909 | 3913 | rBV  | 388    | 227    | 0.02%  | 0.003% |
| 97  | 13.720 | 3924 | 3928 | 3932 | rBV2 | 488    | 511    | 0.05%  | 0.006% |
| 98  | 13.858 | 3968 | 3971 | 3975 | rBV  | 441    | 366    | 0.03%  | 0.004% |
| 99  | 14.286 | 4101 | 4104 | 4106 | rBV2 | 495    | 302    | 0.03%  | 0.004% |
| 100 | 14.530 | 4177 | 4180 | 4184 | rBV2 | 487    | 461    | 0.04%  | 0.006% |

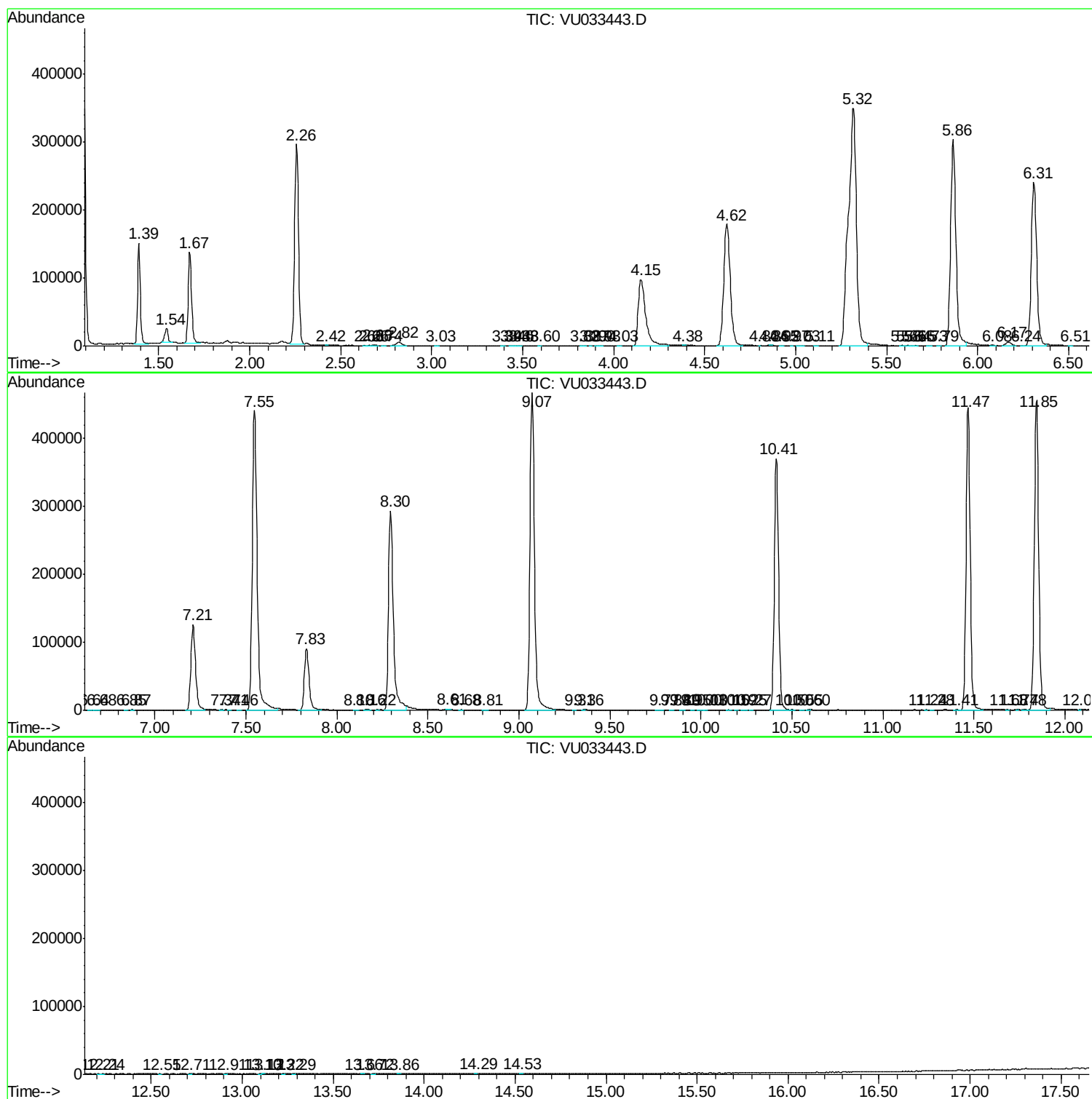
Sum of corrected areas: 8332671

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Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM071219WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU072619\  
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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 |

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