

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW021621\  
 Data File : VW018155.D  
 Acq On : 16 Feb 2021 12:15  
 Operator : SY/VA  
 Sample : M1370-12RE  
 Misc : 6.22G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBGY8RE

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\_W\Method\SOM2WLM012921S.M

Title : VOC Analysis

Signal : TIC: VW018155.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         | 2.355       | 68            | 74          | 85           | rVB      | 52881          | 99674         | 9.19%           | 1.369%        |
| 2         | 2.891       | 155           | 162         | 178          | rVB      | 43680          | 110417        | 10.18%          | 1.517%        |
| 3         | 3.367       | 238           | 240         | 241          | rVB      | 202            | 113           | 0.01%           | 0.002%        |
| 4         | 3.513       | 262           | 264         | 265          | rBV      | 213            | 211           | 0.02%           | 0.003%        |
| 5         | 3.751       | 301           | 303         | 306          | rBV2     | 152            | 192           | 0.02%           | 0.003%        |
| 6         | 3.812       | 311           | 313         | 316          | rVB      | 161            | 132           | 0.01%           | 0.002%        |
| 7         | 3.849       | 316           | 319         | 321          | rBV2     | 121            | 163           | 0.02%           | 0.002%        |
| 8         | 4.025       | 336           | 348         | 359          | rBV      | 103517         | 327360        | 30.19%          | 4.496%        |
| 9         | 4.275       | 387           | 389         | 392          | rBV2     | 205            | 124           | 0.01%           | 0.002%        |
| 10        | 4.379       | 403           | 406         | 407          | rBV      | 164            | 169           | 0.02%           | 0.002%        |
| 11        | 4.422       | 412           | 413         | 416          | rBV3     | 162            | 123           | 0.01%           | 0.002%        |
| 12        | 4.470       | 420           | 421         | 423          | rBV2     | 121            | 106           | 0.01%           | 0.001%        |
| 13        | 4.544       | 430           | 433         | 435          | rBV2     | 110            | 102           | 0.01%           | 0.001%        |
| 14        | 4.605       | 441           | 443         | 447          | rBV2     | 88             | 127           | 0.01%           | 0.002%        |
| 15        | 4.751       | 464           | 467         | 468          | rBV2     | 161            | 187           | 0.02%           | 0.003%        |
| 16        | 4.794       | 472           | 474         | 476          | rVB      | 164            | 130           | 0.01%           | 0.002%        |
| 17        | 4.812       | 476           | 477         | 478          | rBV      | 168            | 106           | 0.01%           | 0.001%        |
| 18        | 4.922       | 485           | 495         | 509          | rVB4     | 5614           | 20076         | 1.85%           | 0.276%        |
| 19        | 5.019       | 509           | 511         | 512          | rBV      | 128            | 117           | 0.01%           | 0.002%        |
| 20        | 5.275       | 551           | 553         | 557          | rBV      | 158            | 155           | 0.01%           | 0.002%        |
| 21        | 5.446       | 579           | 581         | 584          | rBV      | 121            | 116           | 0.01%           | 0.002%        |
| 22        | 5.562       | 597           | 600         | 602          | rVB2     | 122            | 125           | 0.01%           | 0.002%        |
| 23        | 5.635       | 611           | 612         | 615          | rVB2     | 150            | 150           | 0.01%           | 0.002%        |
| 24        | 5.665       | 615           | 617         | 619          | rBV2     | 204            | 181           | 0.02%           | 0.002%        |
| 25        | 5.775       | 633           | 635         | 638          | rBV      | 122            | 128           | 0.01%           | 0.002%        |
| 26        | 5.830       | 640           | 644         | 645          | rBV      | 126            | 203           | 0.02%           | 0.003%        |
| 27        | 5.934       | 655           | 661         | 673          | rVV5     | 2811           | 8146          | 0.75%           | 0.112%        |
| 28        | 6.049       | 679           | 680         | 683          | rBV2     | 136            | 162           | 0.01%           | 0.002%        |
| 29        | 6.147       | 693           | 696         | 697          | rBV2     | 87             | 104           | 0.01%           | 0.001%        |
| 30        | 6.159       | 697           | 698         | 700          | rVV2     | 224            | 146           | 0.01%           | 0.002%        |
| 31        | 6.513       | 752           | 756         | 759          | rBV2     | 139            | 198           | 0.02%           | 0.003%        |
| 32        | 6.647       | 776           | 778         | 782          | rBV2     | 96             | 132           | 0.01%           | 0.002%        |
| 33        | 6.909       | 820           | 821         | 822          | rBV      | 222            | 102           | 0.01%           | 0.001%        |
| 34        | 6.933       | 823           | 825         | 827          | rVV2     | 163            | 145           | 0.01%           | 0.002%        |
| 35        | 7.074       | 839           | 848         | 867          | rBV      | 32062          | 96228         | 8.87%           | 1.322%        |
| 36        | 7.293       | 881           | 884         | 887          | rBV2     | 203            | 267           | 0.02%           | 0.004%        |

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Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 7.372  | 894  | 897  | 900  | rBV2 | 192    | 172     | 0.02%   | 0.002%  |
| 38 | 7.421  | 903  | 905  | 907  | rBV2 | 175    | 106     | 0.01%   | 0.001%  |
| 39 | 7.537  | 919  | 924  | 927  | rBV4 | 599    | 885     | 0.08%   | 0.012%  |
| 40 | 7.647  | 932  | 942  | 956  | rBV  | 190835 | 473831  | 43.69%  | 6.508%  |
| 41 | 7.854  | 973  | 976  | 980  | rBV3 | 251    | 385     | 0.04%   | 0.005%  |
| 42 | 7.939  | 988  | 990  | 991  | rBV2 | 282    | 250     | 0.02%   | 0.003%  |
| 43 | 7.994  | 998  | 999  | 1003 | rBV2 | 164    | 221     | 0.02%   | 0.003%  |
| 44 | 8.086  | 1012 | 1014 | 1016 | rBV  | 213    | 143     | 0.01%   | 0.002%  |
| 45 | 8.171  | 1025 | 1028 | 1029 | rBV2 | 156    | 150     | 0.01%   | 0.002%  |
| 46 | 8.275  | 1035 | 1045 | 1066 | rBV2 | 362550 | 1084466 | 100.00% | 14.895% |
| 47 | 8.464  | 1074 | 1076 | 1077 | rVB  | 184    | 101     | 0.01%   | 0.001%  |
| 48 | 8.610  | 1098 | 1100 | 1101 | rBV  | 197    | 135     | 0.01%   | 0.002%  |
| 49 | 8.628  | 1101 | 1103 | 1109 | rVV3 | 191    | 364     | 0.03%   | 0.005%  |
| 50 | 8.683  | 1109 | 1112 | 1113 | rVV2 | 187    | 193     | 0.02%   | 0.003%  |
| 51 | 8.695  | 1113 | 1114 | 1118 | rVV  | 521    | 366     | 0.03%   | 0.005%  |
| 52 | 8.842  | 1129 | 1138 | 1155 | rBV  | 467471 | 924804  | 85.28%  | 12.702% |
| 53 | 8.994  | 1161 | 1163 | 1166 | rVB3 | 188    | 181     | 0.02%   | 0.002%  |
| 54 | 9.079  | 1169 | 1177 | 1181 | rVB3 | 1000   | 1946    | 0.18%   | 0.027%  |
| 55 | 9.116  | 1181 | 1183 | 1185 | rVB2 | 180    | 127     | 0.01%   | 0.002%  |
| 56 | 9.274  | 1199 | 1209 | 1219 | rBV  | 248828 | 493178  | 45.48%  | 6.774%  |
| 57 | 9.665  | 1269 | 1273 | 1278 | rVV3 | 481    | 826     | 0.08%   | 0.011%  |
| 58 | 9.707  | 1278 | 1280 | 1283 | rVB2 | 153    | 157     | 0.01%   | 0.002%  |
| 59 | 9.841  | 1300 | 1302 | 1304 | rVV2 | 161    | 120     | 0.01%   | 0.002%  |
| 60 | 9.878  | 1306 | 1308 | 1311 | rVB  | 199    | 184     | 0.02%   | 0.003%  |
| 61 | 9.908  | 1311 | 1313 | 1316 | rBV  | 185    | 182     | 0.02%   | 0.002%  |
| 62 | 10.036 | 1326 | 1334 | 1344 | rBV  | 126265 | 228424  | 21.06%  | 3.137%  |
| 63 | 10.232 | 1363 | 1366 | 1367 | rBV  | 105    | 108     | 0.01%   | 0.001%  |
| 64 | 10.323 | 1373 | 1381 | 1388 | rBV  | 477169 | 844593  | 77.88%  | 11.601% |
| 65 | 10.579 | 1415 | 1423 | 1436 | rVB  | 78957  | 135334  | 12.48%  | 1.859%  |
| 66 | 10.701 | 1438 | 1443 | 1448 | rBV2 | 2955   | 4935    | 0.46%   | 0.068%  |
| 67 | 10.860 | 1465 | 1469 | 1473 | rBV3 | 751    | 1137    | 0.10%   | 0.016%  |
| 68 | 10.920 | 1473 | 1479 | 1493 | rBV  | 119105 | 207798  | 19.16%  | 2.854%  |
| 69 | 11.207 | 1524 | 1526 | 1527 | rBV2 | 162    | 107     | 0.01%   | 0.001%  |
| 70 | 11.457 | 1565 | 1567 | 1569 | rVB  | 230    | 191     | 0.02%   | 0.003%  |
| 71 | 11.487 | 1569 | 1572 | 1574 | rBV2 | 179    | 228     | 0.02%   | 0.003%  |
| 72 | 11.628 | 1588 | 1595 | 1606 | rBV  | 512903 | 883387  | 81.46%  | 12.133% |
| 73 | 11.841 | 1625 | 1630 | 1637 | rVB4 | 685    | 1207    | 0.11%   | 0.017%  |
| 74 | 11.890 | 1637 | 1638 | 1643 | rBV2 | 210    | 235     | 0.02%   | 0.003%  |
| 75 | 11.963 | 1647 | 1650 | 1652 | rVV2 | 140    | 152     | 0.01%   | 0.002%  |
| 76 | 12.042 | 1662 | 1663 | 1668 | rBV  | 136    | 167     | 0.02%   | 0.002%  |

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Integration Parameters: LSCINT.P

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Smoothing : OFF

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Min Area: 0 % of largest Peak

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M

Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 12.103 | 1670 | 1673 | 1676 | rBV3 | 201    | 287    | 0.03%  | 0.004% |
| 78  | 12.176 | 1679 | 1685 | 1686 | rBV3 | 925    | 1258   | 0.12%  | 0.017% |
| 79  | 12.262 | 1696 | 1699 | 1700 | rVB2 | 195    | 170    | 0.02%  | 0.002% |
| 80  | 12.317 | 1707 | 1708 | 1710 | rBV  | 186    | 105    | 0.01%  | 0.001% |
| 81  | 12.341 | 1710 | 1712 | 1714 | rBV  | 287    | 180    | 0.02%  | 0.002% |
| 82  | 12.402 | 1719 | 1722 | 1725 | rVV  | 184    | 270    | 0.02%  | 0.004% |
| 83  | 12.463 | 1728 | 1732 | 1738 | rVV2 | 330    | 508    | 0.05%  | 0.007% |
| 84  | 12.603 | 1749 | 1755 | 1761 | rBV3 | 3930   | 7244   | 0.67%  | 0.099% |
| 85  | 12.688 | 1763 | 1769 | 1777 | rVV  | 188479 | 314158 | 28.97% | 4.315% |
| 86  | 12.756 | 1777 | 1780 | 1787 | rVB3 | 1053   | 1879   | 0.17%  | 0.026% |
| 87  | 12.823 | 1789 | 1791 | 1792 | rBV2 | 156    | 129    | 0.01%  | 0.002% |
| 88  | 12.865 | 1795 | 1798 | 1799 | rBV2 | 141    | 173    | 0.02%  | 0.002% |
| 89  | 12.920 | 1804 | 1807 | 1813 | rBV4 | 1235   | 2084   | 0.19%  | 0.029% |
| 90  | 13.042 | 1825 | 1827 | 1830 | rVB4 | 530    | 485    | 0.04%  | 0.007% |
| 91  | 13.073 | 1830 | 1832 | 1834 | rBV2 | 206    | 195    | 0.02%  | 0.003% |
| 92  | 13.304 | 1865 | 1870 | 1874 | rVB5 | 1060   | 1906   | 0.18%  | 0.026% |
| 93  | 13.371 | 1878 | 1881 | 1882 | rBV2 | 424    | 463    | 0.04%  | 0.006% |
| 94  | 13.481 | 1893 | 1899 | 1900 | rBV4 | 1003   | 1648   | 0.15%  | 0.023% |
| 95  | 13.554 | 1905 | 1911 | 1918 | rVV  | 336456 | 550162 | 50.73% | 7.557% |
| 96  | 13.853 | 1953 | 1960 | 1966 | rBV  | 257343 | 418826 | 38.62% | 5.753% |
| 97  | 13.993 | 1978 | 1983 | 1985 | rBV4 | 3234   | 5552   | 0.51%  | 0.076% |
| 98  | 14.194 | 2012 | 2016 | 2022 | rBV5 | 5118   | 8806   | 0.81%  | 0.121% |
| 99  | 15.127 | 2167 | 2169 | 2171 | rBV2 | 559    | 547    | 0.05%  | 0.008% |
| 100 | 15.487 | 2222 | 2228 | 2233 | rBV  | 2876   | 5762   | 0.53%  | 0.079% |

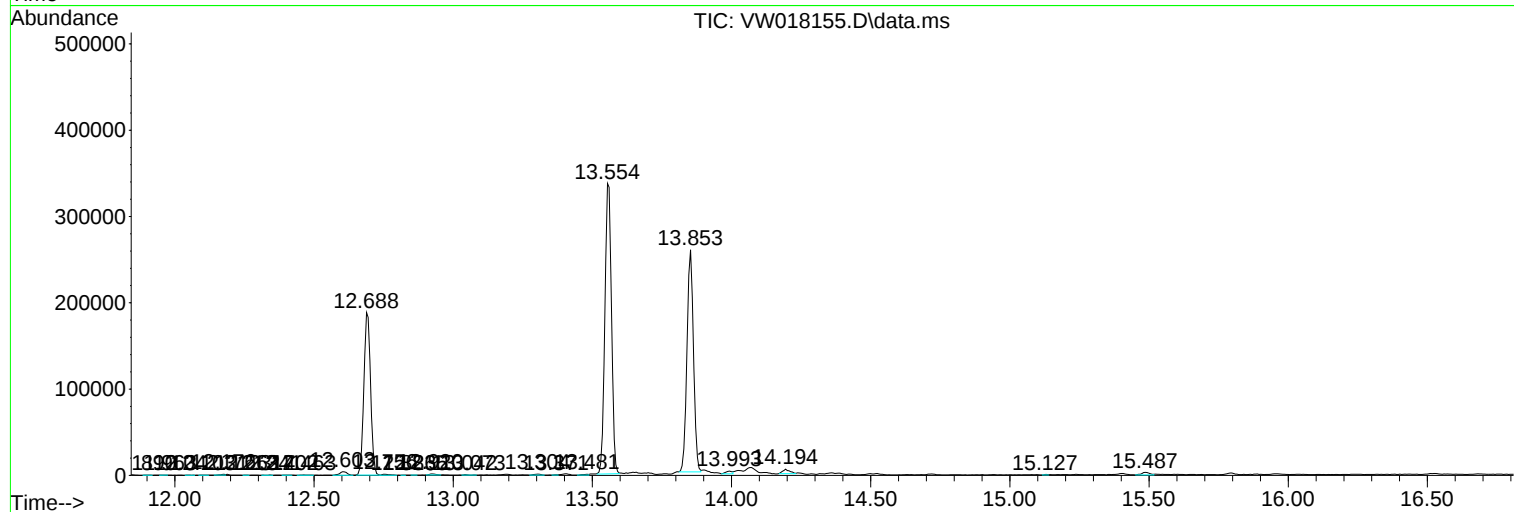
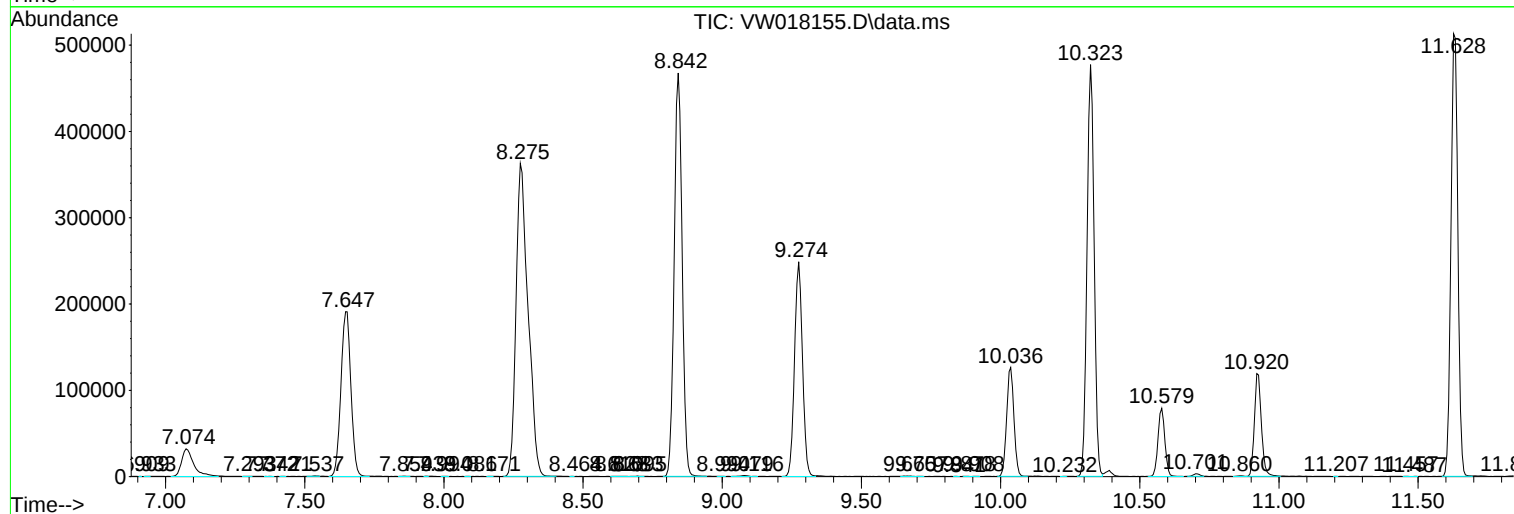
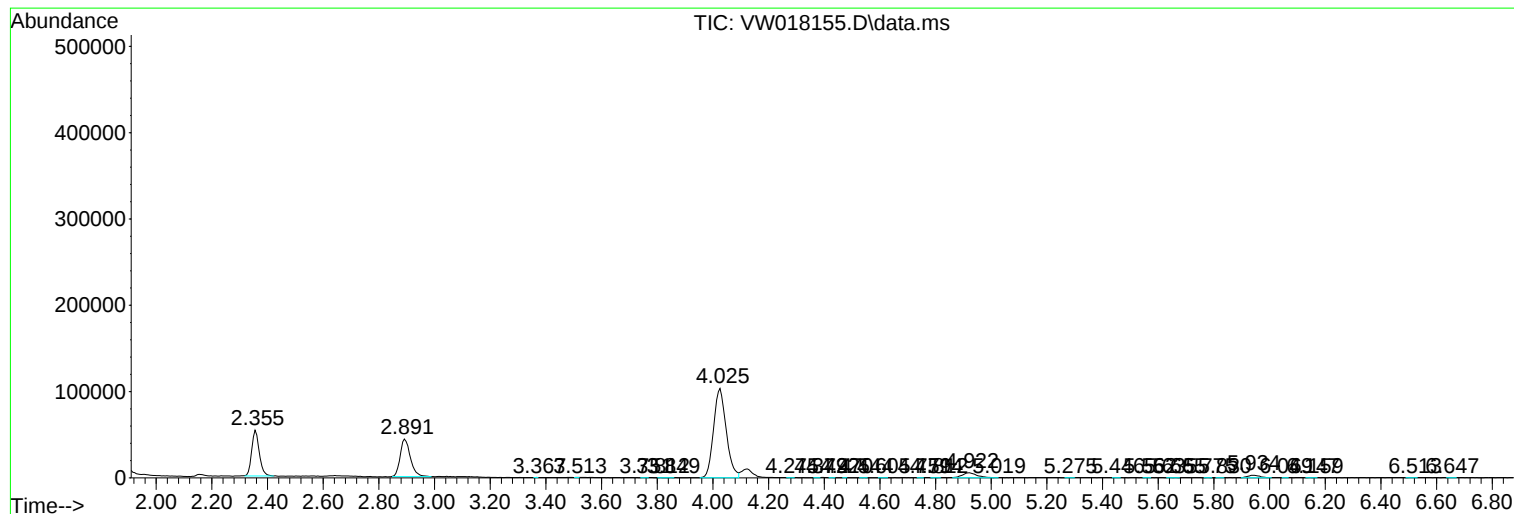
Sum of corrected areas: 7280590

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW021621\  
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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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