

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121523\  
 Data File : VW027661.D  
 Acq On : 16 Dec 2023 01:52  
 Operator : SY/MD  
 Sample : 05834-20  
 Misc : 4.14g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGRS9

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\SFAMWLM121523SMA.M  
 Title : SFAM01.0

Signal : TIC: VW027661.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         | 2.363       | 72            | 78          | 92           | rVB      | 117995         | 252945        | 16.26%          | 2.286%        |
| 2         | 2.899       | 159           | 166         | 181          | rBV      | 82893          | 226941        | 14.59%          | 2.051%        |
| 3         | 3.588       | 278           | 279         | 284          | rBV      | 280            | 457           | 0.03%           | 0.004%        |
| 4         | 4.021       | 339           | 350         | 365          | rBV      | 198716         | 525750        | 33.81%          | 4.752%        |
| 5         | 4.259       | 387           | 389         | 393          | rVB3     | 270            | 289           | 0.02%           | 0.003%        |
| 6         | 4.295       | 393           | 395         | 404          | rBV3     | 268            | 526           | 0.03%           | 0.005%        |
| 7         | 4.387       | 408           | 410         | 413          | rBV2     | 324            | 344           | 0.02%           | 0.003%        |
| 8         | 4.442       | 417           | 419         | 421          | rBV2     | 261            | 299           | 0.02%           | 0.003%        |
| 9         | 4.509       | 428           | 430         | 432          | rBV      | 197            | 172           | 0.01%           | 0.002%        |
| 10        | 4.631       | 443           | 450         | 457          | rBV4     | 1227           | 3664          | 0.24%           | 0.033%        |
| 11        | 4.746       | 466           | 469         | 470          | rVB      | 265            | 210           | 0.01%           | 0.002%        |
| 12        | 4.917       | 486           | 497         | 515          | rVB2     | 17672          | 55160         | 3.55%           | 0.499%        |
| 13        | 5.228       | 546           | 548         | 550          | rVV      | 174            | 170           | 0.01%           | 0.002%        |
| 14        | 5.289       | 556           | 558         | 559          | rVB      | 295            | 148           | 0.01%           | 0.001%        |
| 15        | 5.313       | 559           | 562         | 565          | rBV2     | 228            | 288           | 0.02%           | 0.003%        |
| 16        | 5.362       | 565           | 570         | 573          | rBV2     | 189            | 352           | 0.02%           | 0.003%        |
| 17        | 5.496       | 590           | 592         | 594          | rBV2     | 193            | 144           | 0.01%           | 0.001%        |
| 18        | 5.624       | 612           | 613         | 616          | rVB2     | 253            | 207           | 0.01%           | 0.002%        |
| 19        | 5.795       | 639           | 641         | 643          | rVB2     | 214            | 175           | 0.01%           | 0.002%        |
| 20        | 5.941       | 657           | 665         | 676          | rVB4     | 2574           | 7885          | 0.51%           | 0.071%        |
| 21        | 6.033       | 676           | 680         | 681          | rBV2     | 158            | 173           | 0.01%           | 0.002%        |
| 22        | 6.051       | 681           | 683         | 686          | rVB      | 138            | 144           | 0.01%           | 0.001%        |
| 23        | 6.155       | 698           | 700         | 703          | rBV2     | 165            | 158           | 0.01%           | 0.001%        |
| 24        | 6.368       | 732           | 735         | 736          | rBV      | 230            | 214           | 0.01%           | 0.002%        |
| 25        | 6.539       | 761           | 763         | 766          | rBV2     | 169            | 222           | 0.01%           | 0.002%        |
| 26        | 6.703       | 789           | 790         | 794          | rBV      | 183            | 176           | 0.01%           | 0.002%        |
| 27        | 6.990       | 836           | 837         | 840          | rBV      | 166            | 189           | 0.01%           | 0.002%        |
| 28        | 7.094       | 842           | 854         | 874          | rBV2     | 27874          | 103563        | 6.66%           | 0.936%        |
| 29        | 7.313       | 888           | 890         | 895          | rVB2     | 352            | 380           | 0.02%           | 0.003%        |
| 30        | 7.398       | 902           | 904         | 910          | rVB3     | 250            | 381           | 0.02%           | 0.003%        |
| 31        | 7.490       | 916           | 919         | 921          | rVB      | 274            | 289           | 0.02%           | 0.003%        |
| 32        | 7.520       | 921           | 924         | 927          | rBV2     | 242            | 387           | 0.02%           | 0.003%        |
| 33        | 7.648       | 934           | 945         | 961          | rBV      | 262972         | 651107        | 41.87%          | 5.885%        |
| 34        | 7.831       | 972           | 975         | 979          | rBV2     | 182            | 252           | 0.02%           | 0.002%        |
| 35        | 7.886       | 982           | 984         | 990          | rBV      | 346            | 493           | 0.03%           | 0.004%        |
| 36        | 7.965       | 995           | 997         | 998          | rBV      | 240            | 176           | 0.01%           | 0.002%        |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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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\SFAMWLM121523SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 8.051  | 1008 | 1011 | 1013 | rBV2 | 167    | 148     | 0.01%   | 0.001%  |
| 38 | 8.112  | 1020 | 1021 | 1023 | rBV  | 281    | 219     | 0.01%   | 0.002%  |
| 39 | 8.160  | 1028 | 1029 | 1031 | rBV  | 230    | 160     | 0.01%   | 0.001%  |
| 40 | 8.191  | 1031 | 1034 | 1035 | rBV2 | 169    | 212     | 0.01%   | 0.002%  |
| 41 | 8.276  | 1037 | 1048 | 1066 | rBV2 | 547805 | 1555229 | 100.00% | 14.056% |
| 42 | 8.459  | 1074 | 1078 | 1079 | rBV2 | 147    | 147     | 0.01%   | 0.001%  |
| 43 | 8.624  | 1102 | 1105 | 1108 | rVB3 | 324    | 398     | 0.03%   | 0.004%  |
| 44 | 8.691  | 1113 | 1116 | 1119 | rVB2 | 354    | 404     | 0.03%   | 0.004%  |
| 45 | 8.752  | 1124 | 1126 | 1130 | rVB2 | 206    | 251     | 0.02%   | 0.002%  |
| 46 | 8.843  | 1131 | 1141 | 1158 | rBV  | 606728 | 1232379 | 79.24%  | 11.138% |
| 47 | 9.093  | 1175 | 1182 | 1187 | rBV5 | 1383   | 3000    | 0.19%   | 0.027%  |
| 48 | 9.136  | 1187 | 1189 | 1192 | rBV  | 261    | 219     | 0.01%   | 0.002%  |
| 49 | 9.270  | 1202 | 1211 | 1221 | rBV  | 341227 | 711351  | 45.74%  | 6.429%  |
| 50 | 9.526  | 1249 | 1253 | 1256 | rVB2 | 166    | 237     | 0.02%   | 0.002%  |
| 51 | 9.556  | 1256 | 1258 | 1263 | rBV  | 155    | 253     | 0.02%   | 0.002%  |
| 52 | 9.642  | 1269 | 1272 | 1273 | rBV  | 200    | 175     | 0.01%   | 0.002%  |
| 53 | 9.752  | 1288 | 1290 | 1294 | rBV  | 247    | 324     | 0.02%   | 0.003%  |
| 54 | 9.892  | 1309 | 1313 | 1318 | rVB5 | 789    | 1331    | 0.09%   | 0.012%  |
| 55 | 9.959  | 1322 | 1324 | 1328 | rBV  | 144    | 265     | 0.02%   | 0.002%  |
| 56 | 10.032 | 1328 | 1336 | 1350 | rBV  | 171649 | 314525  | 20.22%  | 2.843%  |
| 57 | 10.239 | 1366 | 1370 | 1372 | rBV2 | 390    | 454     | 0.03%   | 0.004%  |
| 58 | 10.319 | 1375 | 1383 | 1401 | rBV  | 684089 | 1231673 | 79.20%  | 11.132% |
| 59 | 10.575 | 1419 | 1425 | 1436 | rVB  | 99948  | 175501  | 11.28%  | 1.586%  |
| 60 | 10.697 | 1442 | 1445 | 1452 | rVB3 | 1292   | 2136    | 0.14%   | 0.019%  |
| 61 | 10.861 | 1465 | 1472 | 1477 | rBV  | 101472 | 178827  | 11.50%  | 1.616%  |
| 62 | 10.922 | 1477 | 1482 | 1500 | rVB  | 119586 | 215272  | 13.84%  | 1.946%  |
| 63 | 11.190 | 1524 | 1526 | 1532 | rVB3 | 216    | 328     | 0.02%   | 0.003%  |
| 64 | 11.264 | 1536 | 1538 | 1539 | rBV  | 167    | 147     | 0.01%   | 0.001%  |
| 65 | 11.501 | 1575 | 1577 | 1580 | rBV2 | 170    | 172     | 0.01%   | 0.002%  |
| 66 | 11.629 | 1590 | 1598 | 1607 | rBV  | 768801 | 1299126 | 83.53%  | 11.741% |
| 67 | 11.837 | 1627 | 1632 | 1639 | rBV4 | 1028   | 1997    | 0.13%   | 0.018%  |
| 68 | 11.898 | 1641 | 1642 | 1645 | rBV2 | 156    | 163     | 0.01%   | 0.001%  |
| 69 | 12.001 | 1657 | 1659 | 1661 | rVB2 | 224    | 161     | 0.01%   | 0.001%  |
| 70 | 12.019 | 1661 | 1662 | 1666 | rBV2 | 259    | 270     | 0.02%   | 0.002%  |
| 71 | 12.099 | 1670 | 1675 | 1676 | rBV  | 196    | 275     | 0.02%   | 0.002%  |
| 72 | 12.172 | 1682 | 1687 | 1688 | rVV3 | 473    | 769     | 0.05%   | 0.007%  |
| 73 | 12.208 | 1692 | 1693 | 1697 | rBV2 | 186    | 257     | 0.02%   | 0.002%  |
| 74 | 12.245 | 1697 | 1699 | 1701 | rVV  | 209    | 167     | 0.01%   | 0.002%  |
| 75 | 12.379 | 1719 | 1721 | 1724 | rVB2 | 154    | 190     | 0.01%   | 0.002%  |
| 76 | 12.458 | 1732 | 1734 | 1738 | rVV2 | 291    | 404     | 0.03%   | 0.004%  |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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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\SFAMWLM121523SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 77  | 12.599 | 1753 | 1757 | 1764 | rBV3 | 1787   | 2891    | 0.19%  | 0.026%  |
| 78  | 12.690 | 1764 | 1772 | 1781 | rBV  | 233311 | 383609  | 24.67% | 3.467%  |
| 79  | 12.873 | 1797 | 1802 | 1803 | rBV2 | 198    | 328     | 0.02%  | 0.003%  |
| 80  | 12.885 | 1803 | 1804 | 1808 | rVB2 | 420    | 385     | 0.02%  | 0.003%  |
| 81  | 12.940 | 1810 | 1813 | 1815 | rBV2 | 357    | 258     | 0.02%  | 0.002%  |
| 82  | 13.025 | 1824 | 1827 | 1828 | rVB2 | 183    | 152     | 0.01%  | 0.001%  |
| 83  | 13.044 | 1828 | 1830 | 1832 | rVB2 | 243    | 218     | 0.01%  | 0.002%  |
| 84  | 13.092 | 1836 | 1838 | 1841 | rBV2 | 184    | 191     | 0.01%  | 0.002%  |
| 85  | 13.190 | 1851 | 1854 | 1856 | rBV  | 191    | 214     | 0.01%  | 0.002%  |
| 86  | 13.397 | 1884 | 1888 | 1892 | rBV3 | 260    | 557     | 0.04%  | 0.005%  |
| 87  | 13.470 | 1897 | 1900 | 1901 | rBV2 | 386    | 309     | 0.02%  | 0.003%  |
| 88  | 13.556 | 1906 | 1914 | 1924 | rVV  | 702924 | 1114784 | 71.68% | 10.075% |
| 89  | 13.647 | 1925 | 1929 | 1938 | rVB3 | 4155   | 7877    | 0.51%  | 0.071%  |
| 90  | 13.757 | 1945 | 1947 | 1950 | rVB  | 395    | 248     | 0.02%  | 0.002%  |
| 91  | 13.848 | 1953 | 1962 | 1974 | rBV  | 481873 | 784424  | 50.44% | 7.090%  |
| 92  | 13.976 | 1981 | 1983 | 1986 | rBV  | 340    | 362     | 0.02%  | 0.003%  |
| 93  | 14.031 | 1989 | 1992 | 1993 | rBV3 | 398    | 379     | 0.02%  | 0.003%  |
| 94  | 14.062 | 1993 | 1997 | 1998 | rBV2 | 741    | 937     | 0.06%  | 0.008%  |
| 95  | 14.300 | 2032 | 2036 | 2039 | rBV3 | 481    | 784     | 0.05%  | 0.007%  |
| 96  | 14.385 | 2048 | 2050 | 2051 | rBV  | 348    | 211     | 0.01%  | 0.002%  |
| 97  | 14.495 | 2067 | 2068 | 2070 | rBV2 | 225    | 195     | 0.01%  | 0.002%  |
| 98  | 14.958 | 2142 | 2144 | 2146 | rBV2 | 444    | 262     | 0.02%  | 0.002%  |
| 99  | 15.056 | 2159 | 2160 | 2165 | rBV4 | 468    | 650     | 0.04%  | 0.006%  |
| 100 | 15.635 | 2253 | 2255 | 2257 | rBV2 | 432    | 363     | 0.02%  | 0.003%  |

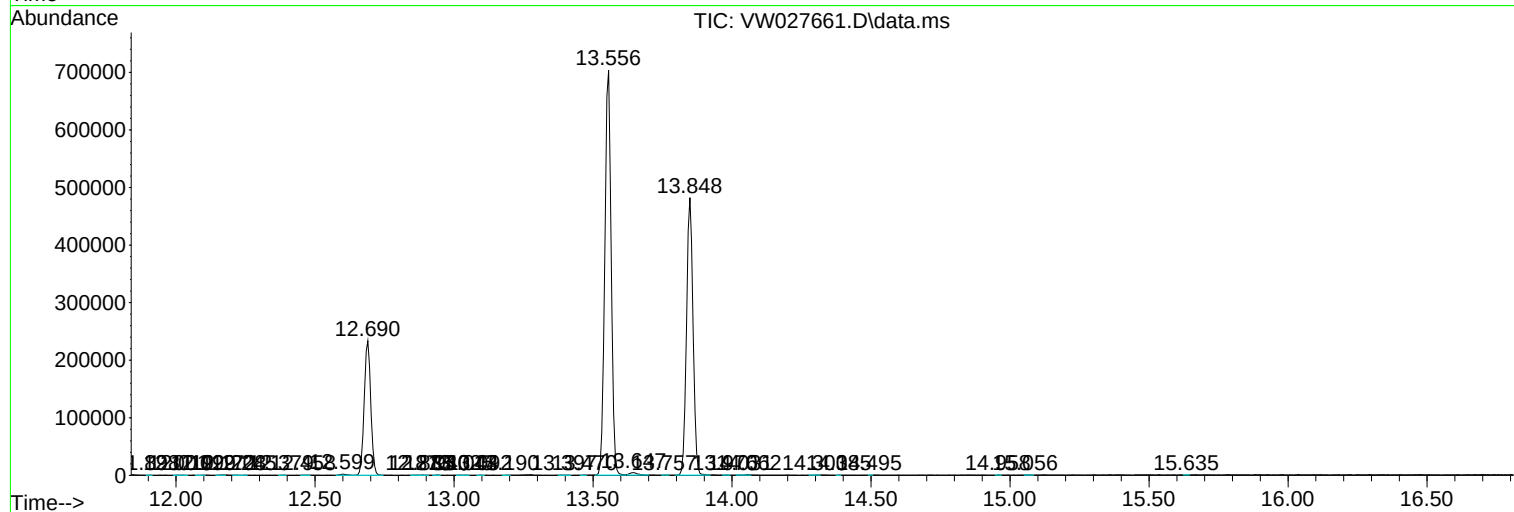
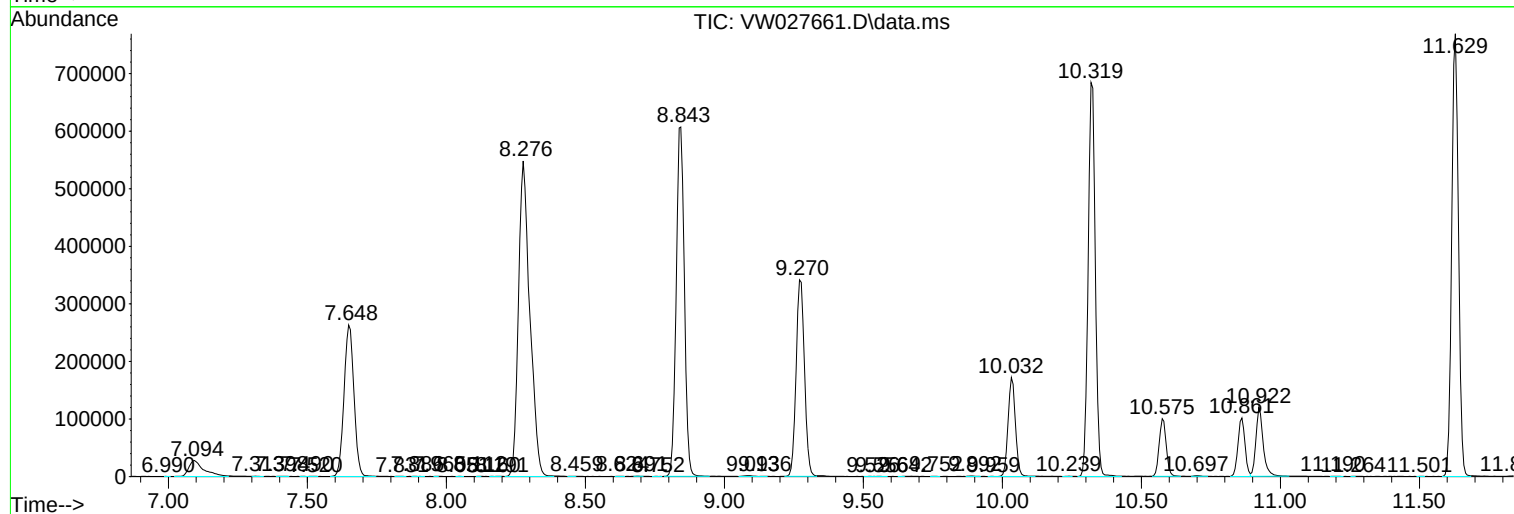
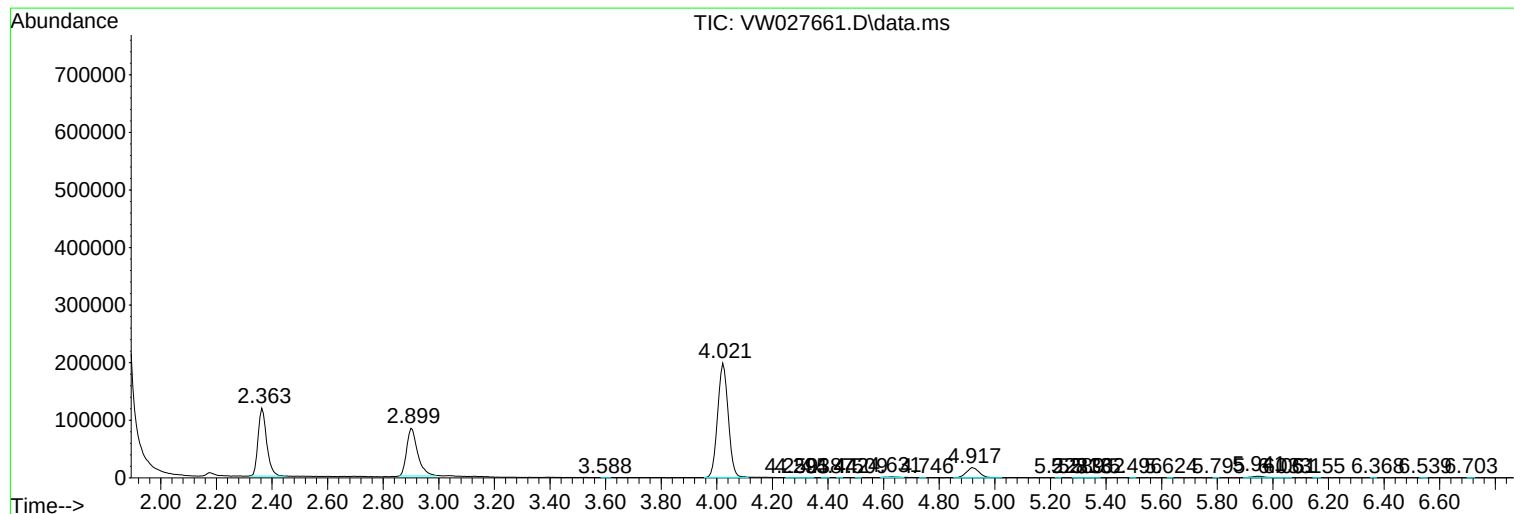
Sum of corrected areas: 11064534

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121523SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121523\  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121523SMA.M  
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TIC Library : C:\Database\NIST20.L  
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No Library Search Compounds Detected

\*\*\*\*\*

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