

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD042523\  
 Data File : VD075813.D  
 Acq On : 25 Apr 2023 16:00  
 Operator : KP/SY  
 Sample : 02419-04  
 Misc : 4.26G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 EW919

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\_D\Method\SFAMDLM042023SMA.M  
 Title : SFAM01.0

Signal : TIC: VD075813.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         | 1.640       | 6             | 9           | 10           | rVB      | 567            | 384           | 0.03%           | 0.003%        |
| 2         | 1.652       | 10            | 11          | 12           | rBV      | 727            | 357           | 0.03%           | 0.003%        |
| 3         | 1.740       | 12            | 26          | 40           | rBV      | 676815         | 1267947       | 92.71%          | 11.213%       |
| 4         | 2.275       | 111           | 117         | 125          | rBV      | 223759         | 312742        | 22.87%          | 2.766%        |
| 5         | 2.416       | 139           | 141         | 143          | rBV      | 1648           | 1686          | 0.12%           | 0.015%        |
| 6         | 2.587       | 168           | 170         | 173          | rBV3     | 2115           | 2421          | 0.18%           | 0.021%        |
| 7         | 2.805       | 200           | 207         | 216          | rBV      | 174558         | 315839        | 23.09%          | 2.793%        |
| 8         | 3.334       | 295           | 297         | 298          | rVB2     | 621            | 357           | 0.03%           | 0.003%        |
| 9         | 3.346       | 298           | 299         | 301          | rBV      | 449            | 459           | 0.03%           | 0.004%        |
| 10        | 3.575       | 336           | 338         | 340          | rBV2     | 596            | 427           | 0.03%           | 0.004%        |
| 11        | 3.922       | 385           | 397         | 409          | rBV      | 182963         | 465691        | 34.05%          | 4.118%        |
| 12        | 4.081       | 422           | 424         | 426          | rVB2     | 818            | 641           | 0.05%           | 0.006%        |
| 13        | 4.152       | 433           | 436         | 439          | rBV2     | 638            | 816           | 0.06%           | 0.007%        |
| 14        | 4.234       | 447           | 450         | 451          | rBV2     | 643            | 753           | 0.06%           | 0.007%        |
| 15        | 4.263       | 454           | 455         | 456          | rBV      | 755            | 355           | 0.03%           | 0.003%        |
| 16        | 4.352       | 468           | 470         | 473          | rBV2     | 349            | 452           | 0.03%           | 0.004%        |
| 17        | 4.381       | 473           | 475         | 478          | rVB2     | 866            | 540           | 0.04%           | 0.005%        |
| 18        | 4.481       | 490           | 492         | 495          | rVB      | 626            | 448           | 0.03%           | 0.004%        |
| 19        | 4.505       | 495           | 496         | 498          | rBV      | 492            | 411           | 0.03%           | 0.004%        |
| 20        | 4.805       | 537           | 547         | 559          | rVB3     | 19943          | 58590         | 4.28%           | 0.518%        |
| 21        | 4.934       | 567           | 569         | 572          | rVB      | 637            | 505           | 0.04%           | 0.004%        |
| 22        | 4.957       | 572           | 573         | 579          | rBV2     | 854            | 780           | 0.06%           | 0.007%        |
| 23        | 4.999       | 579           | 580         | 582          | rBV2     | 586            | 397           | 0.03%           | 0.004%        |
| 24        | 5.040       | 586           | 587         | 589          | rBV      | 614            | 311           | 0.02%           | 0.003%        |
| 25        | 5.081       | 592           | 594         | 596          | rBV      | 682            | 422           | 0.03%           | 0.004%        |
| 26        | 5.187       | 610           | 612         | 613          | rBV2     | 547            | 419           | 0.03%           | 0.004%        |
| 27        | 5.387       | 644           | 646         | 647          | rBV2     | 464            | 309           | 0.02%           | 0.003%        |
| 28        | 5.505       | 663           | 666         | 668          | rBV2     | 530            | 771           | 0.06%           | 0.007%        |
| 29        | 5.557       | 673           | 675         | 676          | rVB      | 697            | 481           | 0.04%           | 0.004%        |
| 30        | 5.593       | 676           | 681         | 682          | rBV2     | 905            | 1360          | 0.10%           | 0.012%        |
| 31        | 5.828       | 720           | 721         | 722          | rBV      | 912            | 521           | 0.04%           | 0.005%        |
| 32        | 5.969       | 743           | 745         | 748          | rVB2     | 478            | 555           | 0.04%           | 0.005%        |
| 33        | 5.993       | 748           | 749         | 750          | rBV      | 705            | 395           | 0.03%           | 0.003%        |
| 34        | 6.116       | 766           | 770         | 771          | rBV2     | 538            | 542           | 0.04%           | 0.005%        |
| 35        | 6.152       | 774           | 776         | 777          | rVV      | 506            | 375           | 0.03%           | 0.003%        |
| 36        | 6.252       | 792           | 793         | 796          | rVB2     | 549            | 424           | 0.03%           | 0.004%        |

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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\_D\Method\SFAMDLM042023SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 6.275  | 796  | 797  | 798  | rBV  | 629    | 373     | 0.03%   | 0.003%  |
| 38 | 6.340  | 806  | 808  | 811  | rVB2 | 594    | 648     | 0.05%   | 0.006%  |
| 39 | 6.469  | 828  | 830  | 833  | rBV2 | 364    | 408     | 0.03%   | 0.004%  |
| 40 | 6.557  | 842  | 845  | 848  | rBV2 | 556    | 848     | 0.06%   | 0.007%  |
| 41 | 6.581  | 848  | 849  | 850  | rVB  | 990    | 358     | 0.03%   | 0.003%  |
| 42 | 6.669  | 862  | 864  | 866  | rBV  | 662    | 453     | 0.03%   | 0.004%  |
| 43 | 6.799  | 883  | 886  | 887  | rBV  | 726    | 571     | 0.04%   | 0.005%  |
| 44 | 6.987  | 910  | 918  | 925  | rBV2 | 24025  | 66695   | 4.88%   | 0.590%  |
| 45 | 7.222  | 956  | 958  | 959  | rBV  | 416    | 354     | 0.03%   | 0.003%  |
| 46 | 7.393  | 983  | 987  | 988  | rVB2 | 573    | 566     | 0.04%   | 0.005%  |
| 47 | 7.569  | 1007 | 1017 | 1030 | rBV2 | 246954 | 637238  | 46.59%  | 5.635%  |
| 48 | 7.699  | 1037 | 1039 | 1040 | rBV  | 556    | 343     | 0.03%   | 0.003%  |
| 49 | 7.851  | 1064 | 1065 | 1068 | rBV2 | 489    | 401     | 0.03%   | 0.004%  |
| 50 | 8.204  | 1114 | 1125 | 1143 | rVV2 | 467808 | 1367691 | 100.00% | 12.095% |
| 51 | 8.493  | 1172 | 1174 | 1176 | rBV  | 602    | 585     | 0.04%   | 0.005%  |
| 52 | 8.593  | 1188 | 1191 | 1192 | rBV  | 471    | 555     | 0.04%   | 0.005%  |
| 53 | 8.781  | 1211 | 1223 | 1234 | rBV  | 585502 | 1172937 | 85.76%  | 10.373% |
| 54 | 9.110  | 1277 | 1279 | 1282 | rVB2 | 582    | 608     | 0.04%   | 0.005%  |
| 55 | 9.210  | 1287 | 1296 | 1305 | rBV  | 311845 | 640870  | 46.86%  | 5.668%  |
| 56 | 9.404  | 1327 | 1329 | 1330 | rBV  | 605    | 346     | 0.03%   | 0.003%  |
| 57 | 9.640  | 1367 | 1369 | 1372 | rVB2 | 521    | 495     | 0.04%   | 0.004%  |
| 58 | 9.734  | 1383 | 1385 | 1387 | rBV2 | 575    | 615     | 0.04%   | 0.005%  |
| 59 | 9.869  | 1406 | 1408 | 1409 | rBV2 | 577    | 363     | 0.03%   | 0.003%  |
| 60 | 9.981  | 1420 | 1427 | 1436 | rVB  | 148859 | 275068  | 20.11%  | 2.433%  |
| 61 | 10.098 | 1445 | 1447 | 1448 | rBV  | 612    | 318     | 0.02%   | 0.003%  |
| 62 | 10.216 | 1465 | 1467 | 1468 | rBV  | 549    | 359     | 0.03%   | 0.003%  |
| 63 | 10.269 | 1468 | 1476 | 1487 | rBV  | 643721 | 1141534 | 83.46%  | 10.095% |
| 64 | 10.410 | 1499 | 1500 | 1501 | rBV  | 815    | 438     | 0.03%   | 0.004%  |
| 65 | 10.528 | 1512 | 1520 | 1527 | rBV  | 96653  | 166756  | 12.19%  | 1.475%  |
| 66 | 10.663 | 1538 | 1543 | 1553 | rVB  | 21322  | 38574   | 2.82%   | 0.341%  |
| 67 | 10.734 | 1553 | 1555 | 1556 | rBV  | 781    | 563     | 0.04%   | 0.005%  |
| 68 | 10.881 | 1573 | 1580 | 1590 | rVB  | 89839  | 158724  | 11.61%  | 1.404%  |
| 69 | 11.028 | 1600 | 1605 | 1613 | rBV4 | 16035  | 27373   | 2.00%   | 0.242%  |
| 70 | 11.122 | 1619 | 1621 | 1623 | rBV  | 669    | 778     | 0.06%   | 0.007%  |
| 71 | 11.234 | 1638 | 1640 | 1642 | rBV  | 438    | 372     | 0.03%   | 0.003%  |
| 72 | 11.322 | 1653 | 1655 | 1657 | rBV  | 574    | 456     | 0.03%   | 0.004%  |
| 73 | 11.410 | 1666 | 1670 | 1674 | rVB4 | 2650   | 4150    | 0.30%   | 0.037%  |
| 74 | 11.581 | 1691 | 1699 | 1712 | rBV  | 750953 | 1288493 | 94.21%  | 11.395% |
| 75 | 11.904 | 1752 | 1754 | 1755 | rBV  | 640    | 444     | 0.03%   | 0.004%  |
| 76 | 11.963 | 1762 | 1764 | 1767 | rBV  | 686    | 546     | 0.04%   | 0.005%  |

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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\_D\Method\SFAMDLM042023SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 12.092 | 1784 | 1786 | 1787 | rBV  | 648    | 467    | 0.03%  | 0.004% |
| 78  | 12.175 | 1799 | 1800 | 1803 | rBV2 | 752    | 733    | 0.05%  | 0.006% |
| 79  | 12.257 | 1813 | 1814 | 1818 | rBV2 | 477    | 592    | 0.04%  | 0.005% |
| 80  | 12.581 | 1864 | 1869 | 1875 | rBV2 | 11676  | 18359  | 1.34%  | 0.162% |
| 81  | 12.651 | 1875 | 1881 | 1891 | rVB  | 217269 | 363978 | 26.61% | 3.219% |
| 82  | 12.839 | 1911 | 1913 | 1916 | rBV2 | 528    | 433    | 0.03%  | 0.004% |
| 83  | 12.869 | 1916 | 1918 | 1919 | rVB  | 966    | 475    | 0.03%  | 0.004% |
| 84  | 12.898 | 1921 | 1923 | 1928 | rVB2 | 1147   | 1598   | 0.12%  | 0.014% |
| 85  | 13.139 | 1962 | 1964 | 1965 | rBV  | 753    | 594    | 0.04%  | 0.005% |
| 86  | 13.339 | 1996 | 1998 | 1999 | rVB  | 810    | 447    | 0.03%  | 0.004% |
| 87  | 13.357 | 1999 | 2001 | 2002 | rBV  | 841    | 537    | 0.04%  | 0.005% |
| 88  | 13.439 | 2012 | 2015 | 2016 | rBV2 | 1412   | 1136   | 0.08%  | 0.010% |
| 89  | 13.522 | 2022 | 2029 | 2039 | rVB  | 513747 | 849968 | 62.15% | 7.517% |
| 90  | 13.651 | 2049 | 2051 | 2052 | rBV  | 985    | 629    | 0.05%  | 0.006% |
| 91  | 13.816 | 2072 | 2079 | 2088 | rBV  | 370573 | 607828 | 44.44% | 5.375% |
| 92  | 14.045 | 2114 | 2118 | 2127 | rBV3 | 5036   | 8800   | 0.64%  | 0.078% |
| 93  | 14.139 | 2131 | 2134 | 2135 | rBV  | 729    | 582    | 0.04%  | 0.005% |
| 94  | 14.404 | 2177 | 2179 | 2181 | rBV  | 792    | 392    | 0.03%  | 0.003% |
| 95  | 14.839 | 2252 | 2253 | 2254 | rBV  | 936    | 466    | 0.03%  | 0.004% |
| 96  | 15.280 | 2325 | 2328 | 2330 | rBV2 | 1339   | 1306   | 0.10%  | 0.012% |
| 97  | 15.416 | 2347 | 2351 | 2356 | rVB3 | 4672   | 6939   | 0.51%  | 0.061% |
| 98  | 15.451 | 2356 | 2357 | 2359 | rBV2 | 924    | 786    | 0.06%  | 0.007% |
| 99  | 15.533 | 2369 | 2371 | 2374 | rBV3 | 968    | 946    | 0.07%  | 0.008% |
| 100 | 16.163 | 2476 | 2478 | 2480 | rBV  | 1115   | 545    | 0.04%  | 0.005% |

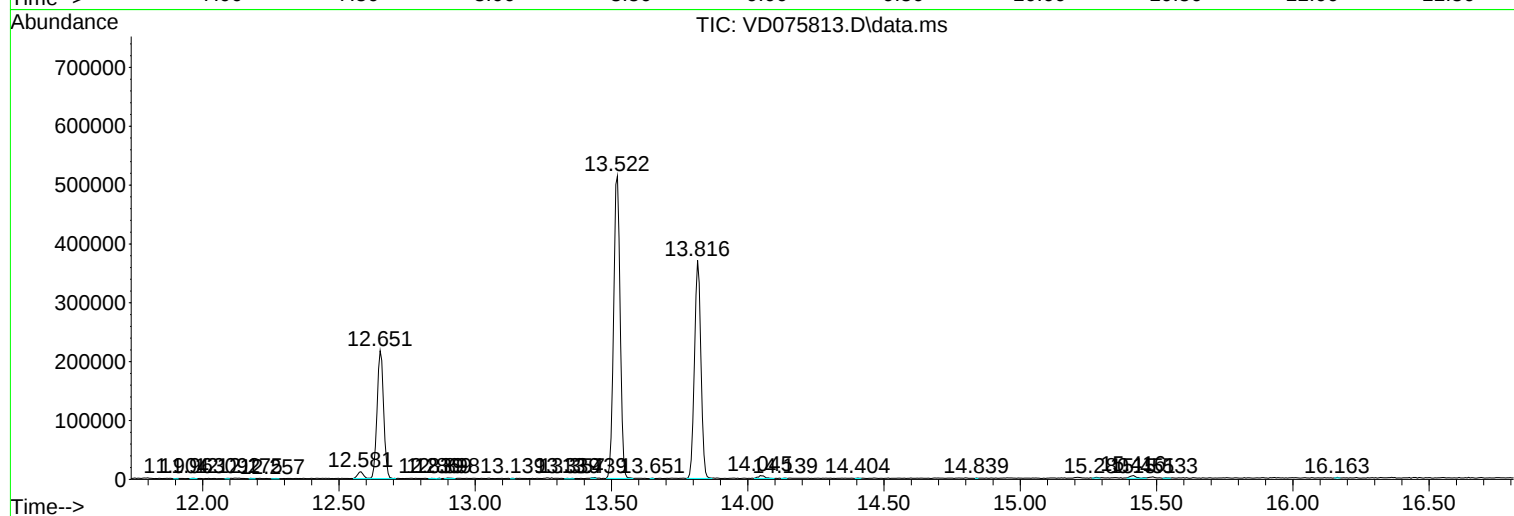
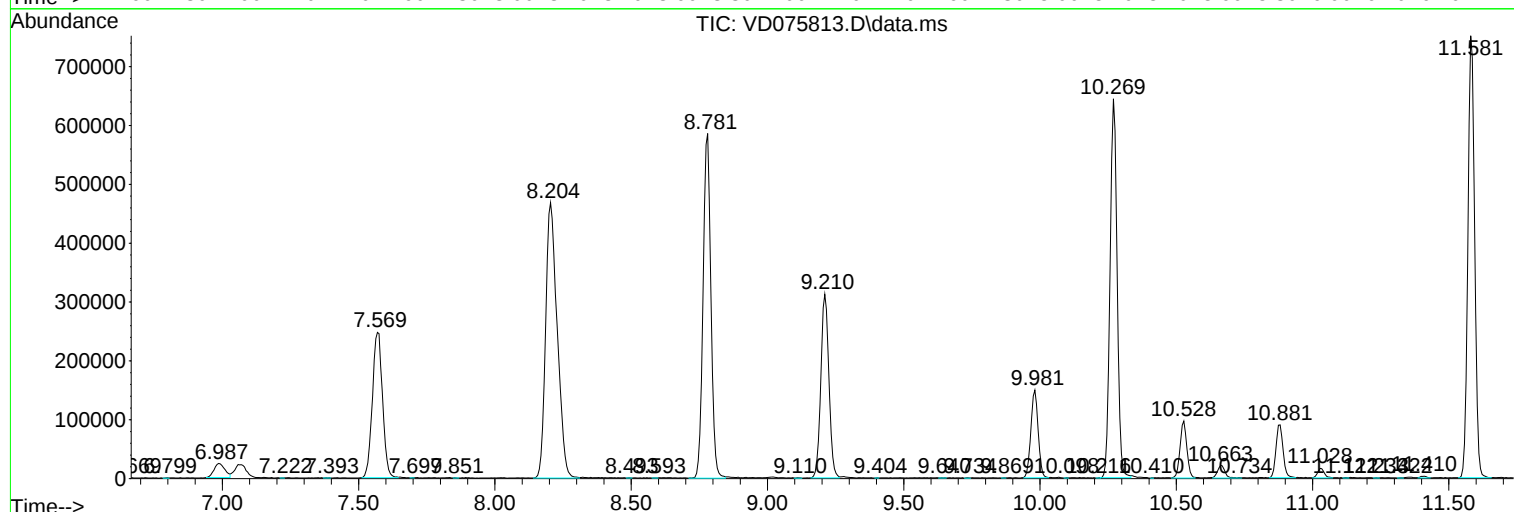
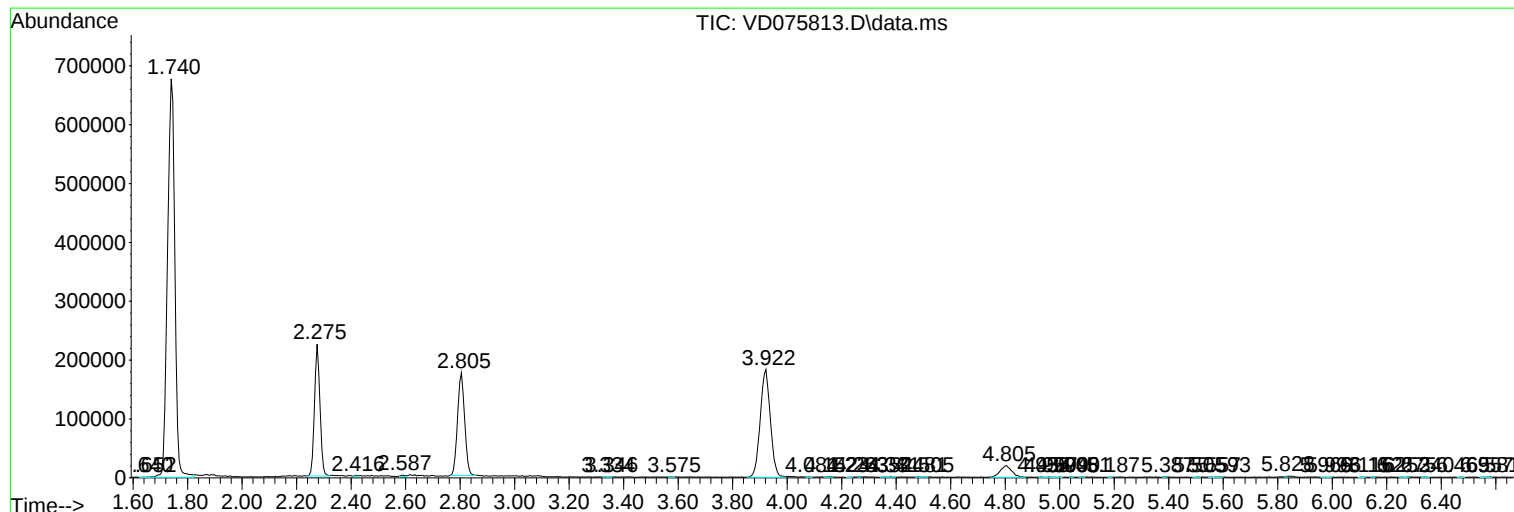
Sum of corrected areas: 11307686

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM042023SMA.M  
Quant Title : SFAM01.0

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 | --Internal Standard-- |    |      |      |
|------------------|----|---------|-------|----------|-----------------------|----|------|------|
|                  |    |         |       |          | #                     | RT | Resp | Conc |