

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD050523\  
 Data File : VD076018.D  
 Acq On : 05 May 2023 11:08  
 Operator : KP/SY  
 Sample : 02593-13  
 Misc : 5.00G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VHBLK001

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: VD076018.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         | 1.740       | 14            | 26          | 38           | rBV      | 766479         | 1515778       | 100.00%         | 16.153%       |
| 2         | 2.269       | 111           | 116         | 124          | rVB      | 183568         | 265257        | 17.50%          | 2.827%        |
| 3         | 2.587       | 167           | 170         | 172          | rBV4     | 2736           | 3277          | 0.22%           | 0.035%        |
| 4         | 2.640       | 178           | 179         | 180          | rBV      | 2286           | 1287          | 0.08%           | 0.014%        |
| 5         | 2.799       | 200           | 206         | 217          | rVB      | 134629         | 256583        | 16.93%          | 2.734%        |
| 6         | 3.516       | 326           | 328         | 329          | rVB      | 627            | 295           | 0.02%           | 0.003%        |
| 7         | 3.816       | 377           | 379         | 382          | rVB      | 729            | 600           | 0.04%           | 0.006%        |
| 8         | 3.916       | 386           | 396         | 407          | rVV      | 139278         | 365824        | 24.13%          | 3.899%        |
| 9         | 4.246       | 451           | 452         | 453          | rVB      | 954            | 337           | 0.02%           | 0.004%        |
| 10        | 4.263       | 453           | 455         | 457          | rBV      | 1069           | 1013          | 0.07%           | 0.011%        |
| 11        | 4.287       | 457           | 459         | 462          | rVV3     | 758            | 918           | 0.06%           | 0.010%        |
| 12        | 4.322       | 462           | 465         | 466          | rVB      | 845            | 671           | 0.04%           | 0.007%        |
| 13        | 4.446       | 485           | 486         | 487          | rBV      | 977            | 523           | 0.03%           | 0.006%        |
| 14        | 4.552       | 502           | 504         | 507          | rVB      | 856            | 628           | 0.04%           | 0.007%        |
| 15        | 4.587       | 507           | 510         | 512          | rBV2     | 538            | 653           | 0.04%           | 0.007%        |
| 16        | 4.675       | 523           | 525         | 529          | rVB2     | 603            | 559           | 0.04%           | 0.006%        |
| 17        | 4.728       | 533           | 534         | 536          | rVV      | 676            | 447           | 0.03%           | 0.005%        |
| 18        | 4.805       | 536           | 547         | 556          | rVB3     | 17947          | 54877         | 3.62%           | 0.585%        |
| 19        | 4.946       | 569           | 571         | 573          | rBV      | 655            | 561           | 0.04%           | 0.006%        |
| 20        | 5.063       | 589           | 591         | 593          | rBV      | 749            | 482           | 0.03%           | 0.005%        |
| 21        | 5.140       | 602           | 604         | 605          | rBV2     | 693            | 533           | 0.04%           | 0.006%        |
| 22        | 5.252       | 622           | 623         | 625          | rBV      | 668            | 542           | 0.04%           | 0.006%        |
| 23        | 5.281       | 626           | 628         | 631          | rVV      | 936            | 1106          | 0.07%           | 0.012%        |
| 24        | 5.322       | 634           | 635         | 638          | rVB      | 757            | 630           | 0.04%           | 0.007%        |
| 25        | 5.346       | 638           | 639         | 642          | rVB      | 756            | 423           | 0.03%           | 0.005%        |
| 26        | 5.369       | 642           | 643         | 645          | rBV      | 777            | 543           | 0.04%           | 0.006%        |
| 27        | 5.505       | 665           | 666         | 667          | rBV      | 706            | 317           | 0.02%           | 0.003%        |
| 28        | 5.534       | 667           | 671         | 672          | rVV2     | 859            | 918           | 0.06%           | 0.010%        |
| 29        | 5.605       | 681           | 683         | 684          | rVB2     | 478            | 253           | 0.02%           | 0.003%        |
| 30        | 5.710       | 699           | 701         | 703          | rBV      | 1029           | 1224          | 0.08%           | 0.013%        |
| 31        | 5.816       | 716           | 719         | 720          | rBV2     | 2328           | 2436          | 0.16%           | 0.026%        |
| 32        | 6.187       | 780           | 782         | 783          | rBV      | 557            | 282           | 0.02%           | 0.003%        |
| 33        | 6.281       | 797           | 798         | 800          | rBV      | 454            | 329           | 0.02%           | 0.004%        |
| 34        | 6.346       | 807           | 809         | 812          | rBV      | 1025           | 774           | 0.05%           | 0.008%        |
| 35        | 6.422       | 821           | 822         | 824          | rBV      | 742            | 439           | 0.03%           | 0.005%        |
| 36        | 6.457       | 826           | 828         | 829          | rBV      | 954            | 625           | 0.04%           | 0.007%        |

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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 | 6.552  | 842  | 844  | 845  | rBV  | 463    | 324     | 0.02%  | 0.003%  |
| 38 | 6.581  | 847  | 849  | 850  | rVV  | 575    | 319     | 0.02%  | 0.003%  |
| 39 | 6.852  | 893  | 895  | 896  | rBV  | 815    | 683     | 0.05%  | 0.007%  |
| 40 | 6.916  | 904  | 906  | 907  | rVB2 | 788    | 391     | 0.03%  | 0.004%  |
| 41 | 6.987  | 907  | 918  | 929  | rBV  | 23747  | 66628   | 4.40%  | 0.710%  |
| 42 | 7.128  | 941  | 942  | 943  | rBV  | 782    | 391     | 0.03%  | 0.004%  |
| 43 | 7.334  | 975  | 977  | 980  | rBV2 | 685    | 665     | 0.04%  | 0.007%  |
| 44 | 7.357  | 980  | 981  | 983  | rVB  | 902    | 547     | 0.04%  | 0.006%  |
| 45 | 7.381  | 983  | 985  | 986  | rBV  | 786    | 501     | 0.03%  | 0.005%  |
| 46 | 7.405  | 988  | 989  | 990  | rBV  | 742    | 379     | 0.03%  | 0.004%  |
| 47 | 7.481  | 999  | 1002 | 1003 | rBV2 | 620    | 592     | 0.04%  | 0.006%  |
| 48 | 7.563  | 1006 | 1016 | 1027 | rVV  | 186112 | 472155  | 31.15% | 5.032%  |
| 49 | 7.769  | 1049 | 1051 | 1053 | rBV  | 651    | 592     | 0.04%  | 0.006%  |
| 50 | 7.963  | 1082 | 1084 | 1085 | rBV  | 459    | 335     | 0.02%  | 0.004%  |
| 51 | 7.981  | 1085 | 1087 | 1090 | rVB  | 811    | 519     | 0.03%  | 0.006%  |
| 52 | 8.063  | 1099 | 1101 | 1103 | rBV  | 684    | 449     | 0.03%  | 0.005%  |
| 53 | 8.134  | 1112 | 1113 | 1114 | rBV  | 548    | 296     | 0.02%  | 0.003%  |
| 54 | 8.204  | 1114 | 1125 | 1142 | rVV2 | 378754 | 1086473 | 71.68% | 11.578% |
| 55 | 8.387  | 1155 | 1156 | 1157 | rVB  | 1182   | 417     | 0.03%  | 0.004%  |
| 56 | 8.410  | 1157 | 1160 | 1161 | rBV2 | 765    | 775     | 0.05%  | 0.008%  |
| 57 | 8.463  | 1168 | 1169 | 1171 | rVB2 | 644    | 344     | 0.02%  | 0.004%  |
| 58 | 8.540  | 1180 | 1182 | 1183 | rBV  | 672    | 297     | 0.02%  | 0.003%  |
| 59 | 8.557  | 1183 | 1185 | 1186 | rVV  | 741    | 439     | 0.03%  | 0.005%  |
| 60 | 8.775  | 1214 | 1222 | 1234 | rBV  | 344496 | 705480  | 46.54% | 7.518%  |
| 61 | 9.004  | 1259 | 1261 | 1267 | rVB4 | 1337   | 2414    | 0.16%  | 0.026%  |
| 62 | 9.210  | 1287 | 1296 | 1305 | rBV  | 245877 | 495591  | 32.70% | 5.281%  |
| 63 | 9.334  | 1316 | 1317 | 1318 | rVB  | 774    | 273     | 0.02%  | 0.003%  |
| 64 | 9.534  | 1347 | 1351 | 1352 | rBV  | 546    | 618     | 0.04%  | 0.007%  |
| 65 | 9.834  | 1397 | 1402 | 1407 | rVV4 | 5510   | 9684    | 0.64%  | 0.103%  |
| 66 | 9.875  | 1407 | 1409 | 1411 | rVB  | 1041   | 664     | 0.04%  | 0.007%  |
| 67 | 9.981  | 1420 | 1427 | 1436 | rBV  | 116559 | 218281  | 14.40% | 2.326%  |
| 68 | 10.198 | 1459 | 1464 | 1468 | rBV2 | 2566   | 4398    | 0.29%  | 0.047%  |
| 69 | 10.269 | 1468 | 1476 | 1487 | rVV  | 518953 | 917211  | 60.51% | 9.775%  |
| 70 | 10.428 | 1502 | 1503 | 1504 | rVB  | 857    | 303     | 0.02%  | 0.003%  |
| 71 | 10.463 | 1507 | 1509 | 1510 | rBV  | 1213   | 757     | 0.05%  | 0.008%  |
| 72 | 10.528 | 1513 | 1520 | 1529 | rVB  | 76801  | 137058  | 9.04%  | 1.461%  |
| 73 | 10.657 | 1538 | 1542 | 1543 | rBV2 | 4390   | 5203    | 0.34%  | 0.055%  |
| 74 | 10.781 | 1561 | 1563 | 1564 | rBV  | 703    | 422     | 0.03%  | 0.004%  |
| 75 | 10.810 | 1567 | 1568 | 1571 | rVV2 | 721    | 402     | 0.03%  | 0.004%  |
| 76 | 10.881 | 1573 | 1580 | 1589 | rVV  | 88133  | 156421  | 10.32% | 1.667%  |

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Instrument :  
 MSVOA\_D  
 ClientSampleId :  
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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

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 77 | 11.093 | 1614 | 1616 | 1617 | rVB  | 1155   | 623    | 0.04%  | 0.007% |
| 78 | 11.298 | 1649 | 1651 | 1652 | rBV2 | 596    | 329    | 0.02%  | 0.004% |
| 79 | 11.581 | 1692 | 1699 | 1712 | rBV  | 489567 | 844495 | 55.71% | 9.000% |
| 80 | 11.751 | 1724 | 1728 | 1731 | rBV  | 994    | 1102   | 0.07%  | 0.012% |
| 81 | 11.840 | 1740 | 1743 | 1744 | rBV  | 1287   | 926    | 0.06%  | 0.010% |
| 82 | 11.922 | 1755 | 1757 | 1761 | rBV  | 1206   | 1316   | 0.09%  | 0.014% |
| 83 | 12.192 | 1802 | 1803 | 1804 | rBV  | 662    | 286    | 0.02%  | 0.003% |
| 84 | 12.416 | 1839 | 1841 | 1847 | rBV2 | 1163   | 1784   | 0.12%  | 0.019% |
| 85 | 12.581 | 1864 | 1869 | 1874 | rVB3 | 21048  | 34412  | 2.27%  | 0.367% |
| 86 | 12.651 | 1874 | 1881 | 1888 | rVB  | 191179 | 316978 | 20.91% | 3.378% |
| 87 | 12.869 | 1916 | 1918 | 1919 | rBV2 | 738    | 552    | 0.04%  | 0.006% |
| 88 | 13.116 | 1956 | 1960 | 1962 | rBV3 | 1063   | 1238   | 0.08%  | 0.013% |
| 89 | 13.522 | 2022 | 2029 | 2036 | rBV  | 426874 | 692621 | 45.69% | 7.381% |
| 90 | 13.698 | 2057 | 2059 | 2060 | rBV  | 1313   | 672    | 0.04%  | 0.007% |
| 91 | 13.816 | 2072 | 2079 | 2086 | rBV  | 405511 | 661872 | 43.67% | 7.053% |
| 92 | 14.051 | 2112 | 2119 | 2124 | rBV  | 18906  | 29092  | 1.92%  | 0.310% |
| 93 | 14.775 | 2240 | 2242 | 2244 | rBV2 | 1157   | 854    | 0.06%  | 0.009% |
| 94 | 15.410 | 2346 | 2350 | 2355 | rVB3 | 6320   | 8270   | 0.55%  | 0.088% |
| 95 | 15.481 | 2357 | 2362 | 2365 | rBV2 | 8646   | 13976  | 0.92%  | 0.149% |
| 96 | 16.498 | 2533 | 2535 | 2536 | rVB  | 1489   | 625    | 0.04%  | 0.007% |

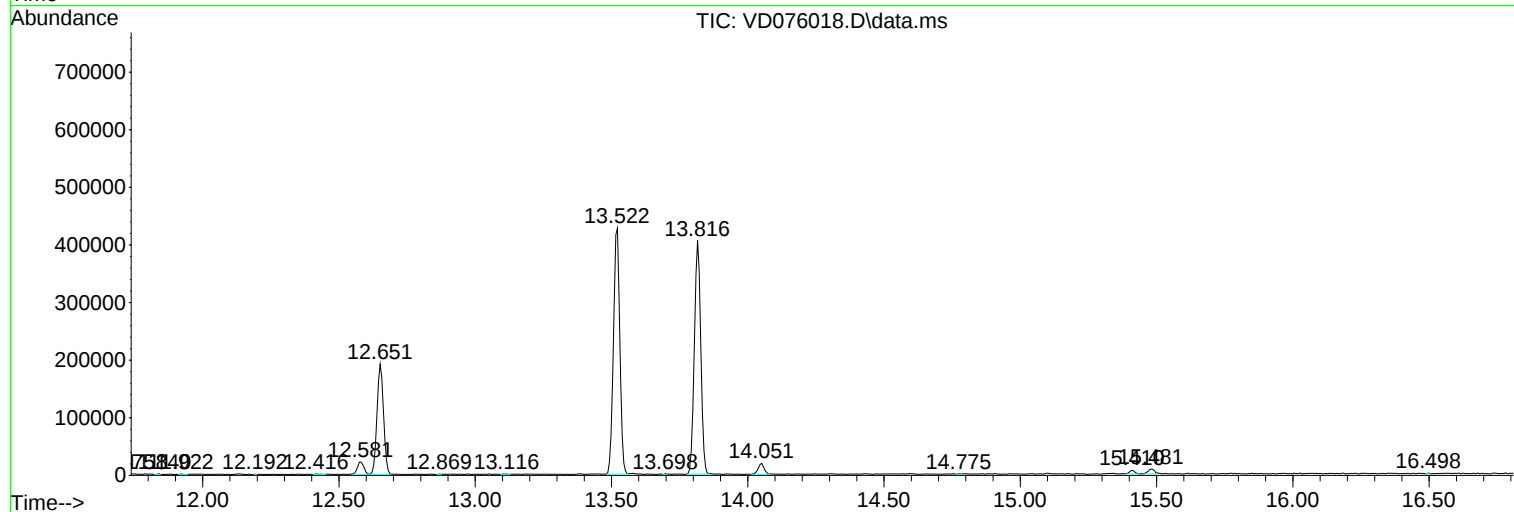
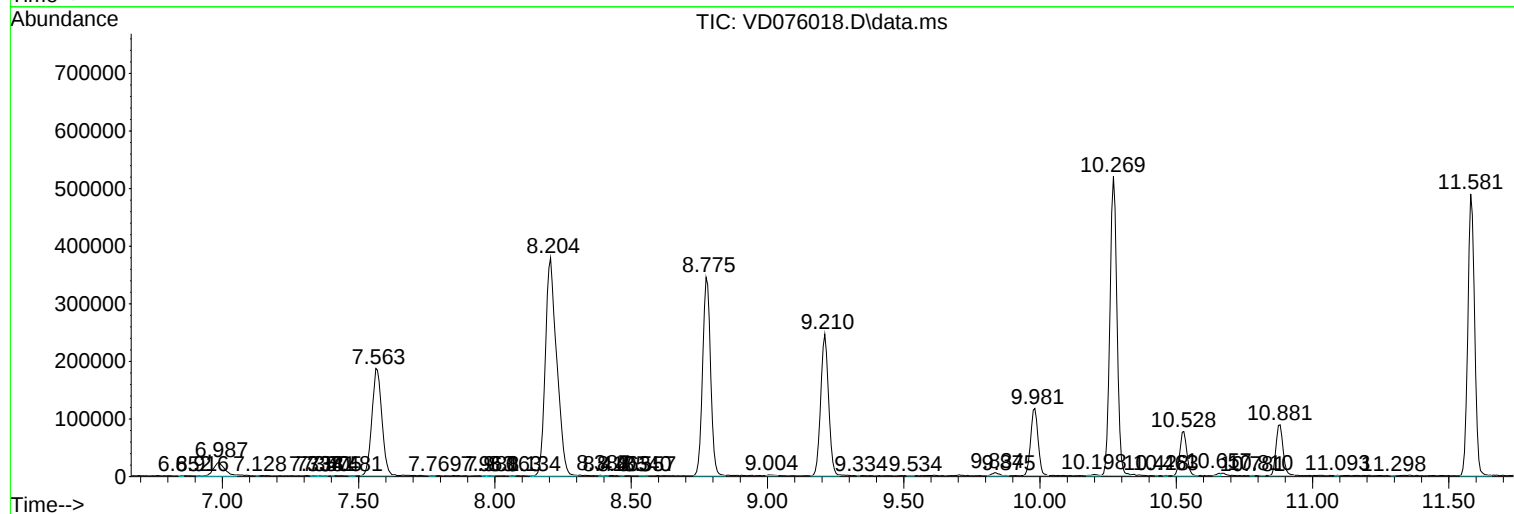
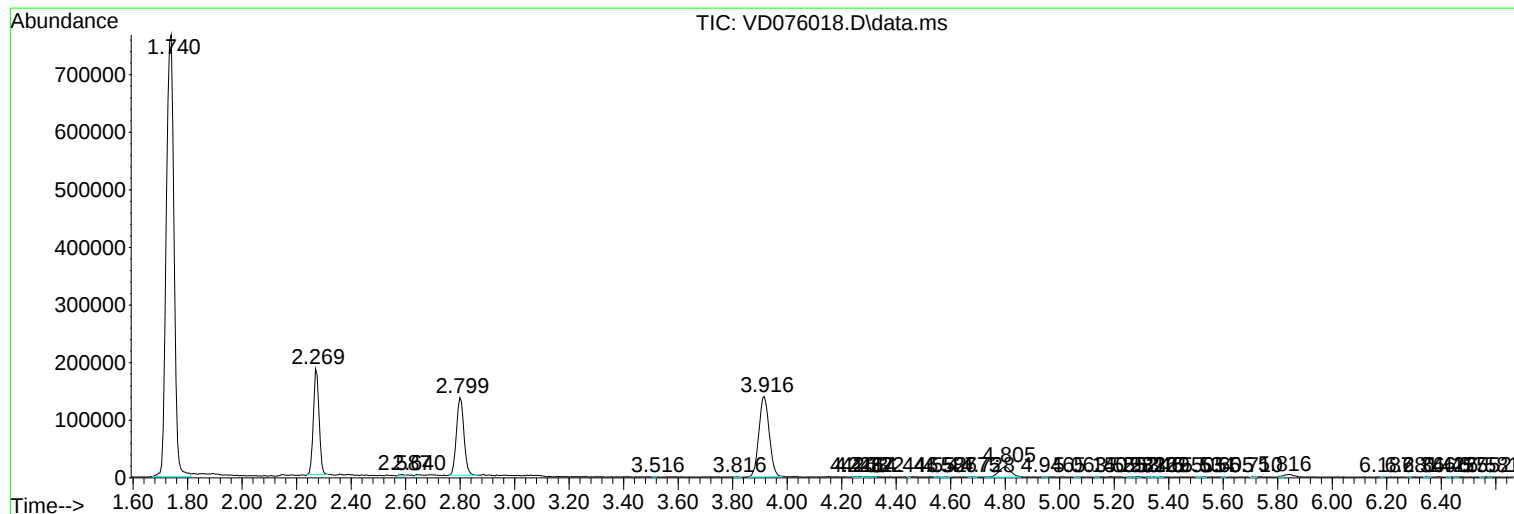
Sum of corrected areas: 9383658

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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 |

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