

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD020224\  
 Data File : VD078326.D  
 Acq On : 02 Feb 2024 15:10  
 Operator : RP/MD  
 Sample : P1329-05  
 Misc : 4.32G/10ml/MSVOA\_D/SOIL/B  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 C0FL3

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\SFAMDLM020124SMA.M  
 Title : SFAM01.0

Signal : TIC: VD078326.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         | 1.687       | 10            | 17          | 19           | rBV      | 4941           | 8078          | 1.30%           | 0.158%        |
| 2         | 1.740       | 19            | 26          | 35           | rVV      | 338504         | 554220        | 89.46%          | 10.861%       |
| 3         | 2.046       | 76            | 78          | 79           | rBV2     | 1017           | 623           | 0.10%           | 0.012%        |
| 4         | 2.269       | 111           | 116         | 123          | rBV      | 125375         | 186050        | 30.03%          | 3.646%        |
| 5         | 2.799       | 200           | 206         | 216          | rVB      | 90862          | 177256        | 28.61%          | 3.474%        |
| 6         | 3.134       | 261           | 263         | 266          | rVB2     | 824            | 594           | 0.10%           | 0.012%        |
| 7         | 3.287       | 288           | 289         | 292          | rVB      | 1209           | 674           | 0.11%           | 0.013%        |
| 8         | 3.316       | 292           | 294         | 297          | rBV2     | 689            | 635           | 0.10%           | 0.012%        |
| 9         | 3.622       | 344           | 346         | 348          | rBV2     | 783            | 794           | 0.13%           | 0.016%        |
| 10        | 3.746       | 365           | 367         | 369          | rBV      | 825            | 642           | 0.10%           | 0.013%        |
| 11        | 3.828       | 379           | 381         | 384          | rVB      | 802            | 585           | 0.09%           | 0.011%        |
| 12        | 3.916       | 384           | 396         | 410          | rBV      | 81986          | 204578        | 33.02%          | 4.009%        |
| 13        | 4.028       | 410           | 415         | 416          | rBV2     | 1326           | 1639          | 0.26%           | 0.032%        |
| 14        | 4.175       | 439           | 440         | 443          | rVB      | 732            | 667           | 0.11%           | 0.013%        |
| 15        | 4.204       | 443           | 445         | 448          | rBV      | 847            | 786           | 0.13%           | 0.015%        |
| 16        | 4.546       | 500           | 503         | 505          | rBV2     | 622            | 695           | 0.11%           | 0.014%        |
| 17        | 4.698       | 525           | 529         | 530          | rBV2     | 787            | 759           | 0.12%           | 0.015%        |
| 18        | 4.798       | 540           | 546         | 547          | rBV2     | 9267           | 13963         | 2.25%           | 0.274%        |
| 19        | 5.022       | 582           | 584         | 585          | rBV      | 1015           | 752           | 0.12%           | 0.015%        |
| 20        | 5.198       | 611           | 614         | 615          | rBV      | 1032           | 834           | 0.13%           | 0.016%        |
| 21        | 5.398       | 645           | 648         | 649          | rBV2     | 723            | 879           | 0.14%           | 0.017%        |
| 22        | 5.428       | 651           | 653         | 654          | rVV      | 740            | 640           | 0.10%           | 0.013%        |
| 23        | 5.445       | 654           | 656         | 659          | rVB      | 985            | 1016          | 0.16%           | 0.020%        |
| 24        | 5.510       | 665           | 667         | 670          | rVB      | 931            | 957           | 0.15%           | 0.019%        |
| 25        | 5.563       | 673           | 676         | 678          | rBV      | 845            | 1122          | 0.18%           | 0.022%        |
| 26        | 5.681       | 694           | 696         | 697          | rBV      | 809            | 821           | 0.13%           | 0.016%        |
| 27        | 5.745       | 705           | 707         | 709          | rBV      | 1037           | 905           | 0.15%           | 0.018%        |
| 28        | 5.898       | 731           | 733         | 736          | rBV      | 585            | 626           | 0.10%           | 0.012%        |
| 29        | 5.963       | 743           | 744         | 747          | rVB2     | 763            | 640           | 0.10%           | 0.013%        |
| 30        | 5.992       | 747           | 749         | 754          | rBV2     | 717            | 1223          | 0.20%           | 0.024%        |
| 31        | 6.087       | 763           | 765         | 769          | rBV2     | 777            | 874           | 0.14%           | 0.017%        |
| 32        | 6.204       | 784           | 785         | 788          | rBV2     | 809            | 705           | 0.11%           | 0.014%        |
| 33        | 6.328       | 804           | 806         | 808          | rVV      | 964            | 788           | 0.13%           | 0.015%        |
| 34        | 6.416       | 819           | 821         | 825          | rVV2     | 687            | 803           | 0.13%           | 0.016%        |
| 35        | 6.540       | 841           | 842         | 846          | rVB2     | 834            | 724           | 0.12%           | 0.014%        |
| 36        | 6.645       | 855           | 860         | 861          | rBV2     | 822            | 1172          | 0.19%           | 0.023%        |

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 COFL3

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

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Min Area: 0 % of largest Peak

Start Thrs: 0.2

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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\SFAMDLM020124SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 37 | 6.716  | 870  | 872  | 875  | rBV  | 830    | 826    | 0.13%   | 0.016%  |
| 38 | 6.992  | 911  | 919  | 925  | rBV2 | 12605  | 35147  | 5.67%   | 0.689%  |
| 39 | 7.481  | 1000 | 1002 | 1005 | rVB  | 772    | 626    | 0.10%   | 0.012%  |
| 40 | 7.569  | 1007 | 1017 | 1032 | rBV2 | 104106 | 272962 | 44.06%  | 5.349%  |
| 41 | 7.887  | 1069 | 1071 | 1074 | rVB2 | 742    | 652    | 0.11%   | 0.013%  |
| 42 | 7.910  | 1074 | 1075 | 1077 | rBV  | 673    | 588    | 0.09%   | 0.012%  |
| 43 | 8.045  | 1095 | 1098 | 1100 | rVV2 | 633    | 572    | 0.09%   | 0.011%  |
| 44 | 8.086  | 1103 | 1105 | 1108 | rBV2 | 528    | 567    | 0.09%   | 0.011%  |
| 45 | 8.204  | 1115 | 1125 | 1140 | rBV2 | 215862 | 619540 | 100.00% | 12.142% |
| 46 | 8.328  | 1145 | 1146 | 1148 | rBV  | 1127   | 779    | 0.13%   | 0.015%  |
| 47 | 8.775  | 1214 | 1222 | 1235 | rVV  | 185490 | 382394 | 61.72%  | 7.494%  |
| 48 | 8.857  | 1235 | 1236 | 1239 | rVB2 | 1257   | 845    | 0.14%   | 0.017%  |
| 49 | 8.945  | 1250 | 1251 | 1254 | rBV  | 892    | 946    | 0.15%   | 0.019%  |
| 50 | 9.016  | 1260 | 1263 | 1264 | rBV  | 877    | 791    | 0.13%   | 0.016%  |
| 51 | 9.086  | 1270 | 1275 | 1276 | rBV2 | 733    | 959    | 0.15%   | 0.019%  |
| 52 | 9.210  | 1288 | 1296 | 1305 | rBV  | 146004 | 288065 | 46.50%  | 5.645%  |
| 53 | 9.357  | 1320 | 1321 | 1325 | rBV2 | 539    | 685    | 0.11%   | 0.013%  |
| 54 | 9.422  | 1330 | 1332 | 1334 | rVB  | 991    | 684    | 0.11%   | 0.013%  |
| 55 | 9.628  | 1365 | 1367 | 1370 | rVB  | 935    | 988    | 0.16%   | 0.019%  |
| 56 | 9.675  | 1373 | 1375 | 1378 | rVB2 | 691    | 726    | 0.12%   | 0.014%  |
| 57 | 9.816  | 1398 | 1399 | 1402 | rBV2 | 856    | 701    | 0.11%   | 0.014%  |
| 58 | 9.845  | 1402 | 1404 | 1406 | rVB2 | 995    | 609    | 0.10%   | 0.012%  |
| 59 | 9.981  | 1420 | 1427 | 1434 | rVV  | 75794  | 139607 | 22.53%  | 2.736%  |
| 60 | 10.092 | 1442 | 1446 | 1448 | rVV  | 656    | 603    | 0.10%   | 0.012%  |
| 61 | 10.269 | 1468 | 1476 | 1484 | rBV  | 287071 | 510152 | 82.34%  | 9.998%  |
| 62 | 10.416 | 1500 | 1501 | 1504 | rBV  | 1133   | 1039   | 0.17%   | 0.020%  |
| 63 | 10.457 | 1506 | 1508 | 1510 | rVV2 | 659    | 647    | 0.10%   | 0.013%  |
| 64 | 10.528 | 1513 | 1520 | 1528 | rVV  | 47262  | 84925  | 13.71%  | 1.664%  |
| 65 | 10.592 | 1528 | 1531 | 1533 | rVB2 | 685    | 913    | 0.15%   | 0.018%  |
| 66 | 10.663 | 1538 | 1543 | 1551 | rVB3 | 7313   | 14360  | 2.32%   | 0.281%  |
| 67 | 10.728 | 1551 | 1554 | 1556 | rVB2 | 651    | 744    | 0.12%   | 0.015%  |
| 68 | 10.839 | 1569 | 1573 | 1574 | rBV2 | 517    | 610    | 0.10%   | 0.012%  |
| 69 | 10.880 | 1574 | 1580 | 1589 | rBV  | 56228  | 97863  | 15.80%  | 1.918%  |
| 70 | 11.028 | 1601 | 1605 | 1612 | rVB4 | 7424   | 12408  | 2.00%   | 0.243%  |
| 71 | 11.245 | 1641 | 1642 | 1644 | rBV  | 774    | 564    | 0.09%   | 0.011%  |
| 72 | 11.304 | 1651 | 1652 | 1656 | rBV2 | 719    | 1010   | 0.16%   | 0.020%  |
| 73 | 11.427 | 1671 | 1673 | 1674 | rBV2 | 658    | 587    | 0.09%   | 0.012%  |
| 74 | 11.580 | 1691 | 1699 | 1709 | rBV  | 287195 | 486793 | 78.57%  | 9.540%  |
| 75 | 12.210 | 1805 | 1806 | 1808 | rBV  | 1016   | 612    | 0.10%   | 0.012%  |
| 76 | 12.280 | 1816 | 1818 | 1819 | rVB  | 1350   | 741    | 0.12%   | 0.015%  |

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 MSVOA\_D  
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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\SFAMDLM020124SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 12.292 | 1819 | 1820 | 1823 | rBV2 | 914    | 761    | 0.12%  | 0.015% |
| 78  | 12.486 | 1851 | 1853 | 1854 | rBV  | 833    | 698    | 0.11%  | 0.014% |
| 79  | 12.574 | 1864 | 1868 | 1874 | rVB4 | 4126   | 6940   | 1.12%  | 0.136% |
| 80  | 12.651 | 1874 | 1881 | 1888 | rBV  | 100766 | 172416 | 27.83% | 3.379% |
| 81  | 12.733 | 1893 | 1895 | 1897 | rBV2 | 886    | 661    | 0.11%  | 0.013% |
| 82  | 12.857 | 1913 | 1916 | 1918 | rBV3 | 1184   | 1334   | 0.22%  | 0.026% |
| 83  | 13.251 | 1981 | 1983 | 1984 | rBV  | 919    | 655    | 0.11%  | 0.013% |
| 84  | 13.269 | 1984 | 1986 | 1988 | rVB  | 772    | 724    | 0.12%  | 0.014% |
| 85  | 13.516 | 2022 | 2028 | 2040 | rVB  | 255134 | 405684 | 65.48% | 7.950% |
| 86  | 13.710 | 2059 | 2061 | 2063 | rBV  | 896    | 864    | 0.14%  | 0.017% |
| 87  | 13.816 | 2072 | 2079 | 2087 | rVV  | 213896 | 359172 | 57.97% | 7.039% |
| 88  | 13.874 | 2087 | 2089 | 2090 | rVB  | 1343   | 615    | 0.10%  | 0.012% |
| 89  | 14.051 | 2114 | 2119 | 2124 | rVB3 | 3632   | 7076   | 1.14%  | 0.139% |
| 90  | 14.092 | 2124 | 2126 | 2129 | rBV2 | 1078   | 1359   | 0.22%  | 0.027% |
| 91  | 14.133 | 2131 | 2133 | 2134 | rBV  | 702    | 605    | 0.10%  | 0.012% |
| 92  | 14.269 | 2154 | 2156 | 2159 | rVB2 | 1108   | 964    | 0.16%  | 0.019% |
| 93  | 14.633 | 2217 | 2218 | 2221 | rBV  | 1258   | 981    | 0.16%  | 0.019% |
| 94  | 14.704 | 2227 | 2230 | 2233 | rVB2 | 1311   | 1396   | 0.23%  | 0.027% |
| 95  | 14.816 | 2246 | 2249 | 2251 | rBV3 | 1207   | 1429   | 0.23%  | 0.028% |
| 96  | 15.080 | 2292 | 2294 | 2297 | rBV3 | 902    | 1085   | 0.18%  | 0.021% |
| 97  | 15.692 | 2395 | 2398 | 2400 | rBV3 | 1320   | 1208   | 0.19%  | 0.024% |
| 98  | 16.127 | 2468 | 2472 | 2473 | rBV  | 954    | 840    | 0.14%  | 0.016% |
| 99  | 16.221 | 2486 | 2488 | 2491 | rVB  | 1577   | 1009   | 0.16%  | 0.020% |
| 100 | 16.615 | 2553 | 2555 | 2556 | rBV  | 815    | 626    | 0.10%  | 0.012% |

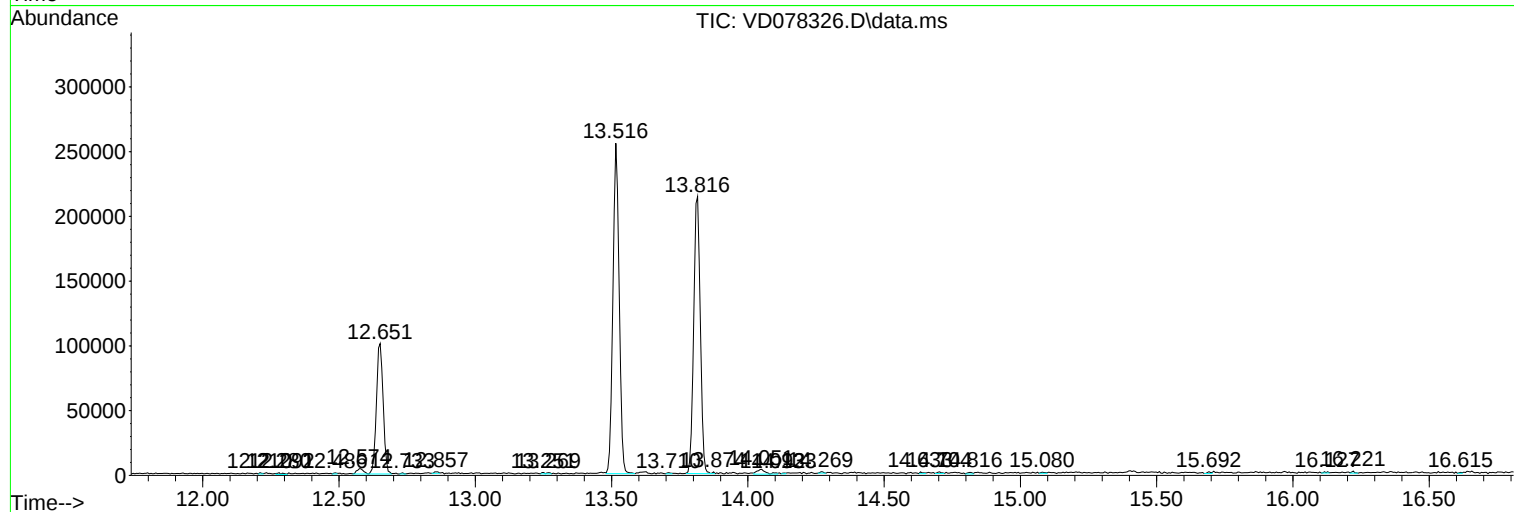
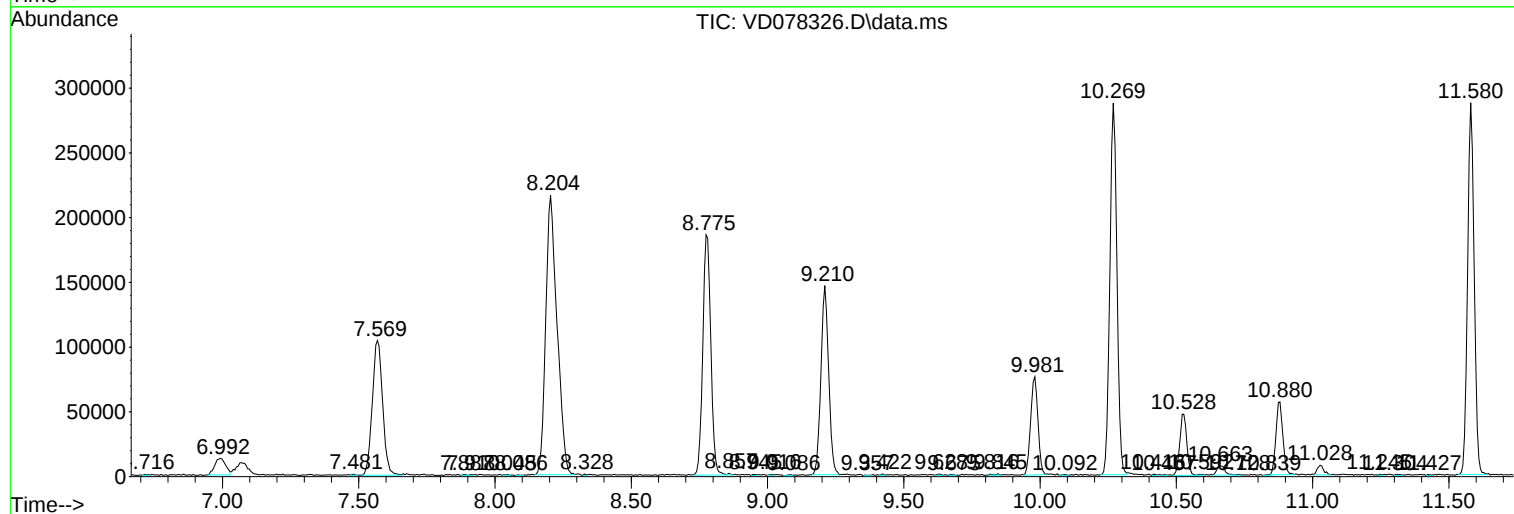
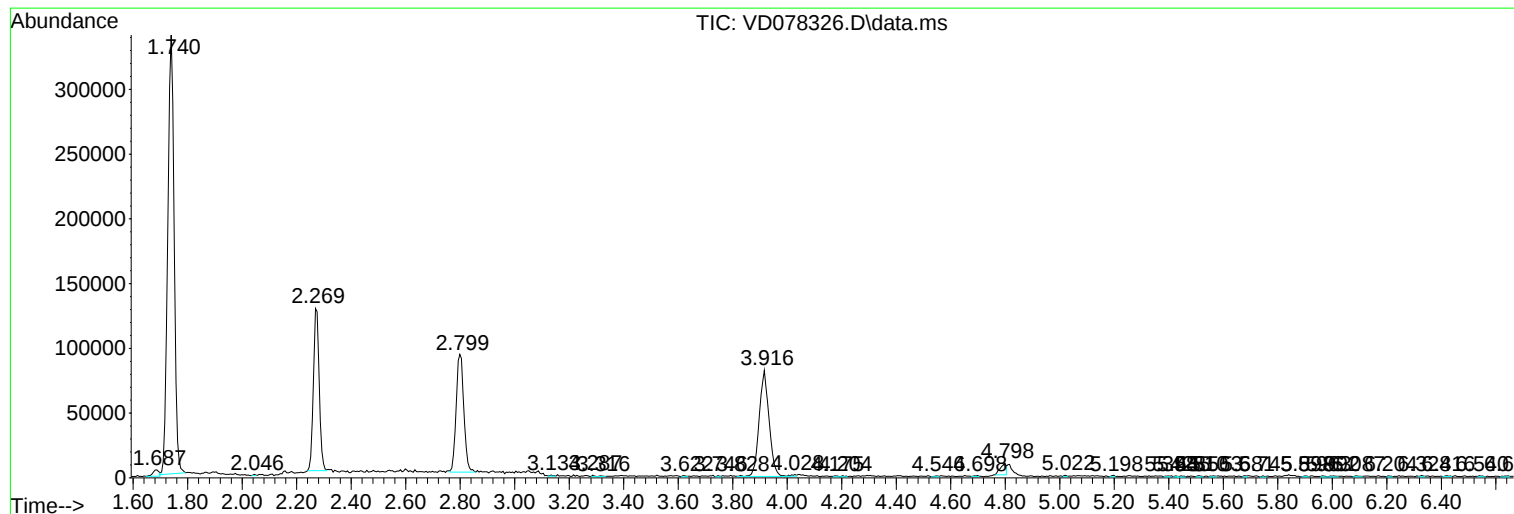
Sum of corrected areas: 5102651

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM020124SMA.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 | # | RT | Resp | Conc |
|------------------|----|---------|-------|----------|---|----|------|------|
|------------------|----|---------|-------|----------|---|----|------|------|