

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062524\  
 Data File : VW029346.D  
 Acq On : 25 Jun 2024 13:40  
 Operator : SY/MD  
 Sample : VIBLK478  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK478

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\SFAMWLM061824SMA.M  
 Title : SFAM01.0

Signal : TIC: VW029346.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           | rBV      | 69121          | 148781        | 13.39%          | 1.851%        |
| 2         | 2.899       | 160           | 166         | 180          | rVB      | 42664          | 122062        | 10.98%          | 1.519%        |
| 3         | 3.661       | 289           | 291         | 293          | rVB3     | 819            | 707           | 0.06%           | 0.009%        |
| 4         | 3.680       | 293           | 294         | 295          | rBV      | 707            | 416           | 0.04%           | 0.005%        |
| 5         | 3.862       | 322           | 324         | 328          | rBV5     | 588            | 881           | 0.08%           | 0.011%        |
| 6         | 3.942       | 334           | 337         | 338          | rBV3     | 571            | 652           | 0.06%           | 0.008%        |
| 7         | 4.021       | 339           | 350         | 366          | rVV      | 120396         | 369252        | 33.22%          | 4.595%        |
| 8         | 4.381       | 407           | 409         | 410          | rBV      | 889            | 649           | 0.06%           | 0.008%        |
| 9         | 4.521       | 430           | 432         | 433          | rVB      | 683            | 393           | 0.04%           | 0.005%        |
| 10        | 4.637       | 449           | 451         | 453          | rBV      | 357            | 469           | 0.04%           | 0.006%        |
| 11        | 4.698       | 459           | 461         | 465          | rBV3     | 460            | 565           | 0.05%           | 0.007%        |
| 12        | 4.917       | 484           | 497         | 515          | rBV2     | 16940          | 68669         | 6.18%           | 0.855%        |
| 13        | 5.118       | 525           | 530         | 533          | rBV5     | 711            | 1431          | 0.13%           | 0.018%        |
| 14        | 5.320       | 560           | 563         | 564          | rVB3     | 489            | 424           | 0.04%           | 0.005%        |
| 15        | 5.362       | 567           | 570         | 572          | rVB2     | 451            | 531           | 0.05%           | 0.007%        |
| 16        | 5.393       | 572           | 575         | 578          | rVB4     | 525            | 690           | 0.06%           | 0.009%        |
| 17        | 5.435       | 578           | 582         | 585          | rBV6     | 621            | 1063          | 0.10%           | 0.013%        |
| 18        | 5.496       | 588           | 592         | 593          | rVV4     | 551            | 653           | 0.06%           | 0.008%        |
| 19        | 5.527       | 593           | 597         | 600          | rVB4     | 792            | 966           | 0.09%           | 0.012%        |
| 20        | 5.551       | 600           | 601         | 603          | rBV2     | 471            | 360           | 0.03%           | 0.004%        |
| 21        | 5.569       | 603           | 604         | 608          | rVB2     | 722            | 538           | 0.05%           | 0.007%        |
| 22        | 5.618       | 608           | 612         | 615          | rBV2     | 489            | 903           | 0.08%           | 0.011%        |
| 23        | 5.716       | 626           | 628         | 630          | rBV3     | 551            | 416           | 0.04%           | 0.005%        |
| 24        | 5.746       | 630           | 633         | 637          | rBV5     | 949            | 1568          | 0.14%           | 0.020%        |
| 25        | 5.941       | 655           | 665         | 677          | rVV2     | 14857          | 46149         | 4.15%           | 0.574%        |
| 26        | 6.039       | 679           | 681         | 686          | rVB4     | 516            | 705           | 0.06%           | 0.009%        |
| 27        | 6.088       | 686           | 689         | 692          | rBV4     | 621            | 792           | 0.07%           | 0.010%        |
| 28        | 6.149       | 697           | 699         | 701          | rVB3     | 682            | 617           | 0.06%           | 0.008%        |
| 29        | 6.173       | 701           | 703         | 707          | rBV3     | 509            | 753           | 0.07%           | 0.009%        |
| 30        | 6.313       | 724           | 726         | 729          | rVB4     | 744            | 728           | 0.07%           | 0.009%        |
| 31        | 6.344       | 729           | 731         | 736          | rBV4     | 375            | 574           | 0.05%           | 0.007%        |
| 32        | 6.386       | 736           | 738         | 741          | rVB2     | 325            | 386           | 0.03%           | 0.005%        |
| 33        | 6.417       | 741           | 743         | 746          | rBV3     | 551            | 723           | 0.07%           | 0.009%        |
| 34        | 6.484       | 750           | 754         | 757          | rVB4     | 414            | 575           | 0.05%           | 0.007%        |
| 35        | 6.588       | 770           | 771         | 774          | rBV2     | 376            | 445           | 0.04%           | 0.006%        |
| 36        | 6.649       | 778           | 781         | 784          | rBV4     | 518            | 539           | 0.05%           | 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\_W\Method\SFAMWLM061824SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 6.710  | 789  | 791  | 796  | rVB5 | 561    | 760     | 0.07%   | 0.009%  |
| 38 | 6.764  | 799  | 800  | 802  | rVB  | 554    | 385     | 0.03%   | 0.005%  |
| 39 | 6.947  | 829  | 830  | 833  | rBV3 | 573    | 480     | 0.04%   | 0.006%  |
| 40 | 7.075  | 843  | 851  | 858  | rBV  | 29811  | 92305   | 8.31%   | 1.149%  |
| 41 | 7.484  | 915  | 918  | 920  | rBV3 | 415    | 516     | 0.05%   | 0.006%  |
| 42 | 7.648  | 933  | 945  | 957  | rBV  | 188330 | 462078  | 41.58%  | 5.750%  |
| 43 | 8.154  | 1024 | 1028 | 1031 | rVB4 | 434    | 537     | 0.05%   | 0.007%  |
| 44 | 8.185  | 1031 | 1033 | 1035 | rBV3 | 544    | 362     | 0.03%   | 0.005%  |
| 45 | 8.270  | 1035 | 1047 | 1064 | rBV2 | 377893 | 1111418 | 100.00% | 13.830% |
| 46 | 8.526  | 1087 | 1089 | 1093 | rBV3 | 587    | 781     | 0.07%   | 0.010%  |
| 47 | 8.618  | 1100 | 1104 | 1106 | rBV3 | 968    | 1449    | 0.13%   | 0.018%  |
| 48 | 8.837  | 1131 | 1140 | 1152 | rBV  | 359404 | 719998  | 64.78%  | 8.960%  |
| 49 | 9.270  | 1203 | 1211 | 1222 | rBV  | 258451 | 528773  | 47.58%  | 6.580%  |
| 50 | 9.618  | 1266 | 1268 | 1271 | rBV3 | 588    | 799     | 0.07%   | 0.010%  |
| 51 | 9.660  | 1271 | 1275 | 1278 | rBV5 | 750    | 1226    | 0.11%   | 0.015%  |
| 52 | 9.782  | 1294 | 1295 | 1299 | rVB3 | 1020   | 884     | 0.08%   | 0.011%  |
| 53 | 9.819  | 1299 | 1301 | 1304 | rBV2 | 598    | 732     | 0.07%   | 0.009%  |
| 54 | 10.032 | 1321 | 1336 | 1346 | rBV  | 128079 | 244009  | 21.95%  | 3.036%  |
| 55 | 10.319 | 1375 | 1383 | 1394 | rBV  | 508057 | 920151  | 82.79%  | 11.450% |
| 56 | 10.575 | 1418 | 1425 | 1436 | rBV  | 84146  | 148103  | 13.33%  | 1.843%  |
| 57 | 10.697 | 1439 | 1445 | 1455 | rVB  | 50984  | 96024   | 8.64%   | 1.195%  |
| 58 | 10.843 | 1464 | 1469 | 1474 | rBV6 | 1607   | 3439    | 0.31%   | 0.043%  |
| 59 | 10.922 | 1475 | 1482 | 1491 | rBV  | 107948 | 192852  | 17.35%  | 2.400%  |
| 60 | 11.062 | 1501 | 1505 | 1513 | rVB3 | 5446   | 10761   | 0.97%   | 0.134%  |
| 61 | 11.300 | 1542 | 1544 | 1546 | rBV2 | 588    | 485     | 0.04%   | 0.006%  |
| 62 | 11.318 | 1546 | 1547 | 1550 | rBV3 | 600    | 454     | 0.04%   | 0.006%  |
| 63 | 11.404 | 1556 | 1561 | 1566 | rBV5 | 1572   | 3116    | 0.28%   | 0.039%  |
| 64 | 11.629 | 1590 | 1598 | 1608 | rBV  | 525345 | 871380  | 78.40%  | 10.843% |
| 65 | 11.831 | 1629 | 1631 | 1632 | rBV2 | 662    | 434     | 0.04%   | 0.005%  |
| 66 | 11.879 | 1637 | 1639 | 1644 | rVB6 | 642    | 996     | 0.09%   | 0.012%  |
| 67 | 11.922 | 1644 | 1646 | 1649 | rBV2 | 445    | 593     | 0.05%   | 0.007%  |
| 68 | 11.946 | 1649 | 1650 | 1652 | rVB2 | 765    | 354     | 0.03%   | 0.004%  |
| 69 | 12.007 | 1656 | 1660 | 1663 | rBV4 | 561    | 788     | 0.07%   | 0.010%  |
| 70 | 12.050 | 1663 | 1667 | 1668 | rBV2 | 501    | 536     | 0.05%   | 0.007%  |
| 71 | 12.160 | 1683 | 1685 | 1692 | rVB6 | 666    | 1152    | 0.10%   | 0.014%  |
| 72 | 12.227 | 1692 | 1696 | 1698 | rVB4 | 624    | 552     | 0.05%   | 0.007%  |
| 73 | 12.263 | 1700 | 1702 | 1705 | rVB3 | 561    | 502     | 0.05%   | 0.006%  |
| 74 | 12.300 | 1705 | 1708 | 1709 | rBV3 | 407    | 370     | 0.03%   | 0.005%  |
| 75 | 12.391 | 1721 | 1723 | 1725 | rBV2 | 648    | 602     | 0.05%   | 0.007%  |
| 76 | 12.599 | 1752 | 1757 | 1764 | rVB  | 16722  | 28363   | 2.55%   | 0.353%  |

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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK478

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\SFAMWLM061824SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 12.690 | 1764 | 1772 | 1780 | rBV  | 181855 | 299409 | 26.94% | 3.726% |
| 78  | 12.806 | 1789 | 1791 | 1793 | rVB3 | 467    | 362    | 0.03%  | 0.005% |
| 79  | 12.928 | 1805 | 1811 | 1815 | rBV4 | 2304   | 3542   | 0.32%  | 0.044% |
| 80  | 12.983 | 1818 | 1820 | 1822 | rBV3 | 657    | 599    | 0.05%  | 0.007% |
| 81  | 13.074 | 1832 | 1835 | 1837 | rBV3 | 744    | 809    | 0.07%  | 0.010% |
| 82  | 13.282 | 1867 | 1869 | 1874 | rVB2 | 2039   | 2959   | 0.27%  | 0.037% |
| 83  | 13.464 | 1897 | 1899 | 1900 | rBV2 | 524    | 455    | 0.04%  | 0.006% |
| 84  | 13.556 | 1907 | 1914 | 1926 | rBV  | 487220 | 766250 | 68.94% | 9.535% |
| 85  | 13.848 | 1955 | 1962 | 1969 | rBV  | 434309 | 693132 | 62.36% | 8.625% |
| 86  | 14.062 | 1991 | 1997 | 2003 | rVV2 | 9452   | 16263  | 1.46%  | 0.202% |
| 87  | 14.123 | 2006 | 2007 | 2010 | rVB4 | 746    | 463    | 0.04%  | 0.006% |
| 88  | 14.196 | 2016 | 2019 | 2022 | rBV2 | 799    | 1256   | 0.11%  | 0.016% |
| 89  | 14.324 | 2032 | 2040 | 2042 | rBV7 | 1615   | 4182   | 0.38%  | 0.052% |
| 90  | 14.397 | 2050 | 2052 | 2054 | rBV2 | 847    | 864    | 0.08%  | 0.011% |
| 91  | 14.720 | 2101 | 2105 | 2108 | rVB4 | 1694   | 2449   | 0.22%  | 0.030% |
| 92  | 14.970 | 2142 | 2146 | 2149 | rBV4 | 501    | 852    | 0.08%  | 0.011% |
| 93  | 15.098 | 2164 | 2167 | 2168 | rBV3 | 656    | 794    | 0.07%  | 0.010% |
| 94  | 15.208 | 2183 | 2185 | 2190 | rBV4 | 688    | 1096   | 0.10%  | 0.014% |
| 95  | 15.360 | 2207 | 2210 | 2211 | rBV2 | 649    | 737    | 0.07%  | 0.009% |
| 96  | 15.427 | 2217 | 2221 | 2226 | rVB3 | 6327   | 9960   | 0.90%  | 0.124% |
| 97  | 15.476 | 2226 | 2229 | 2234 | rVB3 | 1520   | 2365   | 0.21%  | 0.029% |
| 98  | 16.122 | 2333 | 2335 | 2337 | rBV2 | 822    | 500    | 0.04%  | 0.006% |
| 99  | 16.244 | 2353 | 2355 | 2356 | rBV2 | 711    | 363    | 0.03%  | 0.005% |
| 100 | 16.397 | 2378 | 2380 | 2382 | rBV3 | 795    | 917    | 0.08%  | 0.011% |

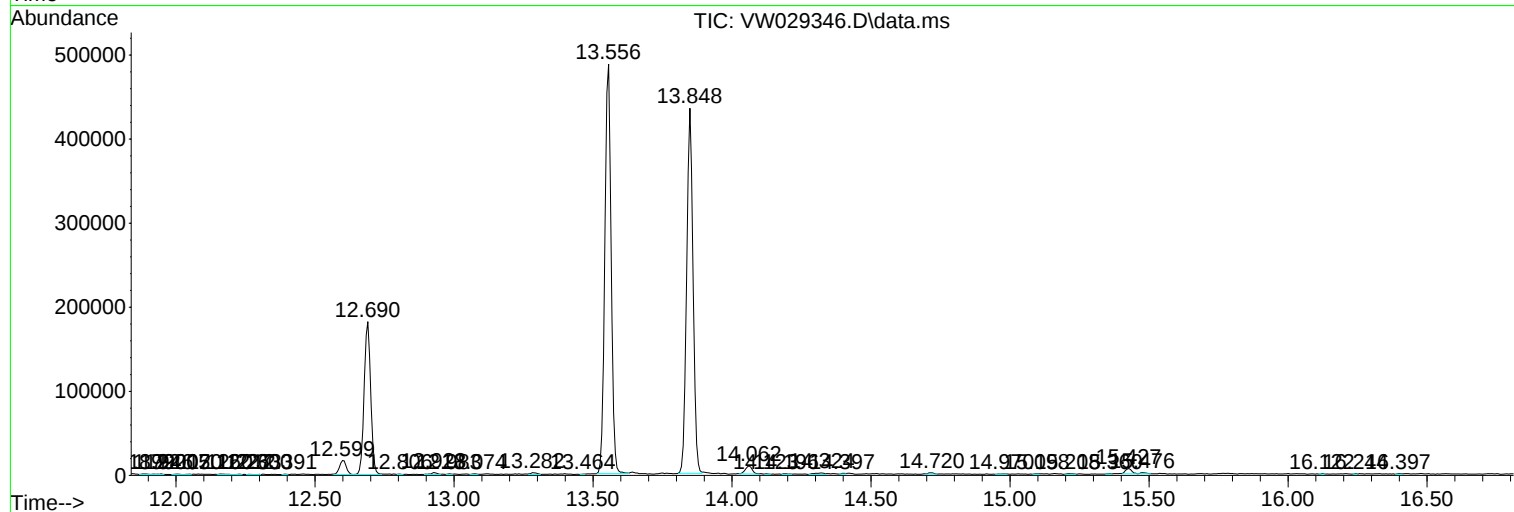
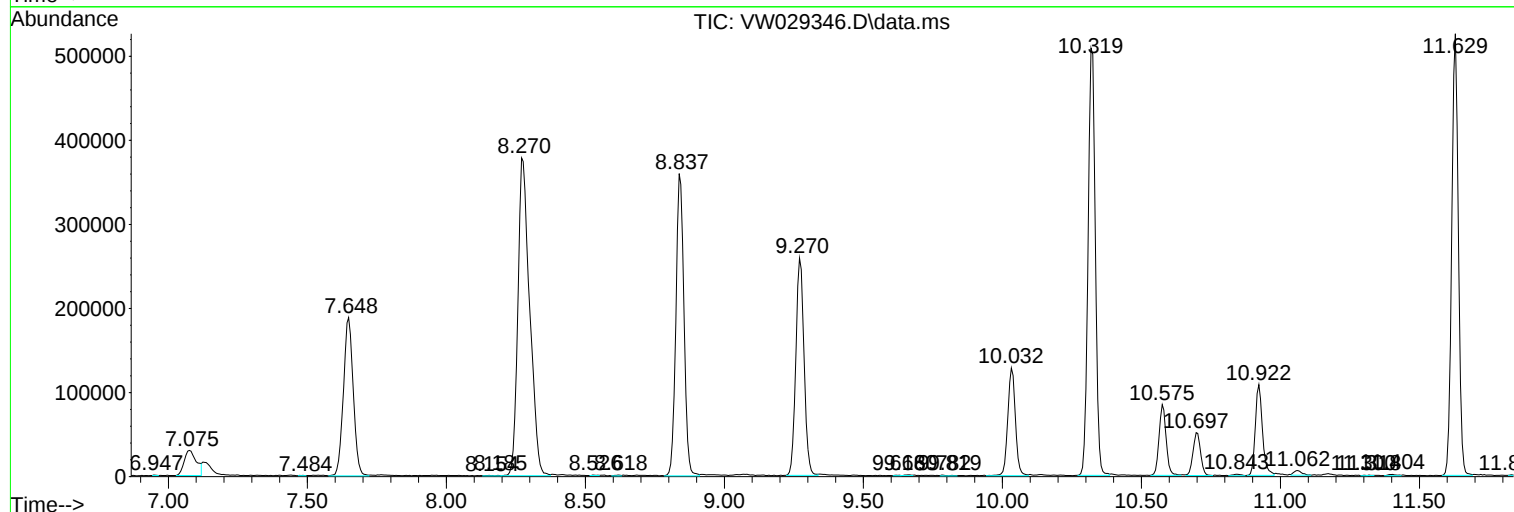
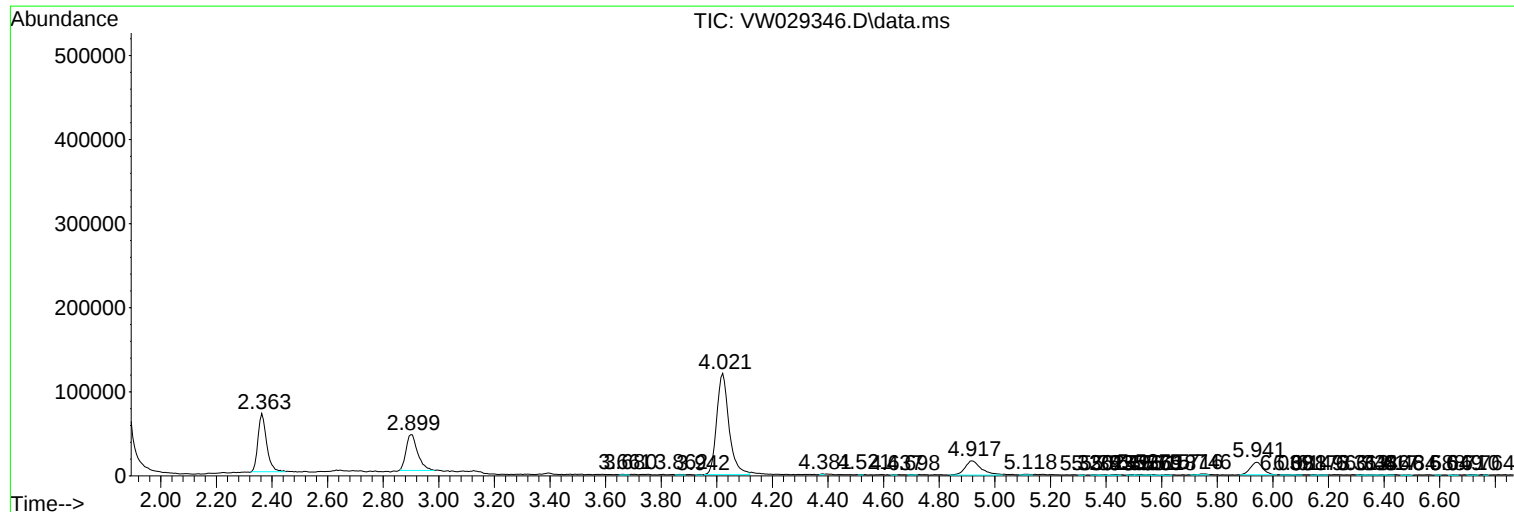
Sum of corrected areas: 8036102

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Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM061824SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062524\  
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Instrument :  
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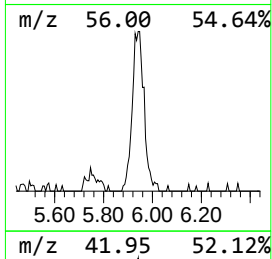
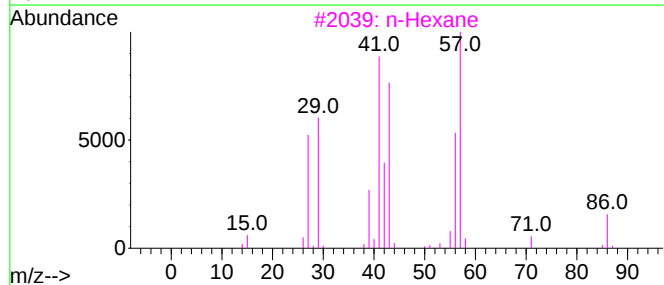
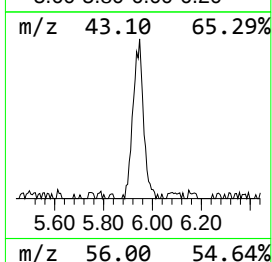
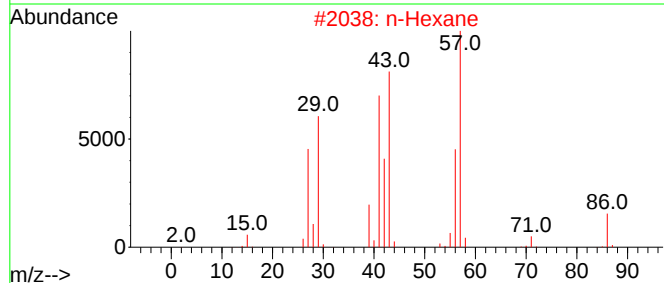
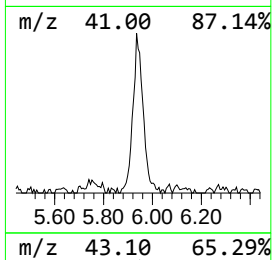
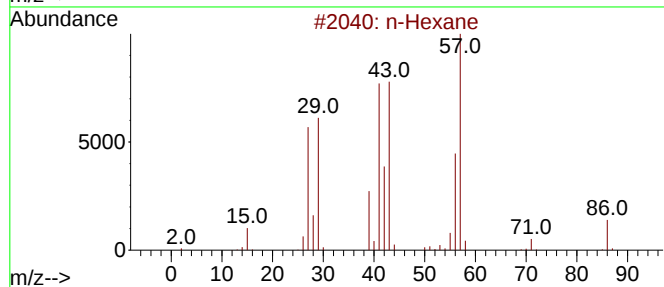
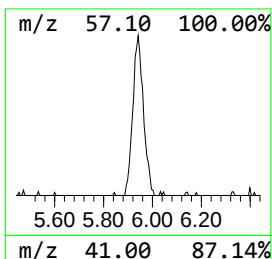
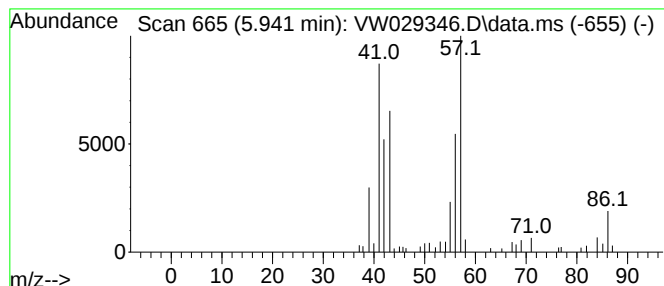
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM061824SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 5.941 | 1.60 ug/L | 46149 | 1,4-Difluorobenzene | 8.837 |

| Hit# | of 5 | Tentative ID    | MW | MolForm | CAS#         | Qual |
|------|------|-----------------|----|---------|--------------|------|
| 1    |      | n-Hexane        | 86 | C6H14   | 000110-54-3  | 80   |
| 2    |      | n-Hexane        | 86 | C6H14   | 000110-54-3  | 72   |
| 3    |      | n-Hexane        | 86 | C6H14   | 000110-54-3  | 64   |
| 4    |      | 2-Ethyl-oxetane | 86 | C5H10O  | 1010386-40-2 | 53   |
| 5    |      | n-Hexane        | 86 | C6H14   | 000110-54-3  | 49   |



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

| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| (DEL) Alkane: S... | 5.941 | 1.6     | ug/L  | 46149    | 1                     | 8.837 | 719998 | 25.0 |