

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071922\  
 Data File : VW023963.D  
 Acq On : 21 Jul 2022 02:21  
 Operator : SY/VA  
 Sample : N3766-09  
 Misc : 5.64g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0ZD6

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\SFAMWLM071322SMA.M  
 Title : SFAM01.0

Signal : TIC: VW023963.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         | 2.343       | 68            | 72          | 85           | rVB      | 109466         | 185567        | 18.52%          | 2.666%        |
| 2         | 2.879       | 155           | 160         | 170          | rVB      | 67968          | 151218        | 15.09%          | 2.173%        |
| 3         | 3.879       | 322           | 324         | 326          | rBV3     | 1070           | 1022          | 0.10%           | 0.015%        |
| 4         | 3.903       | 326           | 328         | 330          | rVB3     | 1604           | 975           | 0.10%           | 0.014%        |
| 5         | 4.007       | 334           | 345         | 362          | rBV      | 82598          | 278772        | 27.82%          | 4.005%        |
| 6         | 4.379       | 403           | 406         | 407          | rBV2     | 1031           | 1013          | 0.10%           | 0.015%        |
| 7         | 4.623       | 443           | 446         | 447          | rBV3     | 749            | 830           | 0.08%           | 0.012%        |
| 8         | 4.739       | 462           | 465         | 466          | rVB3     | 805            | 839           | 0.08%           | 0.012%        |
| 9         | 4.915       | 482           | 494         | 506          | rBV2     | 22969          | 83578         | 8.34%           | 1.201%        |
| 10        | 5.031       | 512           | 513         | 516          | rVB3     | 1320           | 842           | 0.08%           | 0.012%        |
| 11        | 5.056       | 516           | 517         | 519          | rBV2     | 897            | 730           | 0.07%           | 0.010%        |
| 12        | 5.409       | 573           | 575         | 577          | rBV3     | 936            | 966           | 0.10%           | 0.014%        |
| 13        | 5.440       | 577           | 580         | 585          | rVB6     | 1172           | 2203          | 0.22%           | 0.032%        |
| 14        | 5.489       | 585           | 588         | 590          | rBV4     | 1110           | 1038          | 0.10%           | 0.015%        |
| 15        | 5.507       | 590           | 591         | 593          | rBV      | 714            | 710           | 0.07%           | 0.010%        |
| 16        | 5.665       | 616           | 617         | 619          | rBV      | 878            | 599           | 0.06%           | 0.009%        |
| 17        | 5.684       | 619           | 620         | 623          | rVV4     | 984            | 582           | 0.06%           | 0.008%        |
| 18        | 5.928       | 652           | 660         | 672          | rVB5     | 10571          | 34319         | 3.43%           | 0.493%        |
| 19        | 6.202       | 703           | 705         | 707          | rBV2     | 1571           | 1542          | 0.15%           | 0.022%        |
| 20        | 6.287       | 714           | 719         | 721          | rBV6     | 1189           | 1899          | 0.19%           | 0.027%        |
| 21        | 6.305       | 721           | 722         | 726          | rVB3     | 1075           | 1111          | 0.11%           | 0.016%        |
| 22        | 6.354       | 726           | 730         | 732          | rBV3     | 991            | 1451          | 0.14%           | 0.021%        |
| 23        | 6.708       | 786           | 788         | 790          | rVB2     | 1330           | 1099          | 0.11%           | 0.016%        |
| 24        | 6.738       | 790           | 793         | 795          | rBV3     | 932            | 966           | 0.10%           | 0.014%        |
| 25        | 6.763       | 795           | 797         | 799          | rBV3     | 1222           | 1236          | 0.12%           | 0.018%        |
| 26        | 6.787       | 799           | 801         | 804          | rVV2     | 1140           | 793           | 0.08%           | 0.011%        |
| 27        | 6.811       | 804           | 805         | 809          | rVB3     | 882            | 589           | 0.06%           | 0.008%        |
| 28        | 6.860       | 809           | 813         | 816          | rBV3     | 1397           | 1844          | 0.18%           | 0.026%        |
| 29        | 6.909       | 819           | 821         | 823          | rBV3     | 1092           | 847           | 0.08%           | 0.012%        |
| 30        | 7.080       | 837           | 849         | 855          | rBV2     | 20554          | 63258         | 6.31%           | 0.909%        |
| 31        | 7.403       | 900           | 902         | 903          | rBV      | 922            | 681           | 0.07%           | 0.010%        |
| 32        | 7.519       | 918           | 921         | 924          | rBV4     | 1492           | 2303          | 0.23%           | 0.033%        |
| 33        | 7.549       | 924           | 926         | 928          | rVV3     | 1515           | 1159          | 0.12%           | 0.017%        |
| 34        | 7.647       | 930           | 942         | 954          | rBV      | 187925         | 453886        | 45.30%          | 6.521%        |
| 35        | 8.019       | 1001          | 1003        | 1004         | rVB2     | 918            | 591           | 0.06%           | 0.008%        |
| 36        | 8.275       | 1034          | 1045        | 1060         | rBV2     | 318574         | 1001952       | 100.00%         | 14.396%       |

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 ClientSampleId :  
 C0ZD6

Integration Parameters: LSCINT.P

Integrator: RTE

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Filtering: 5

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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\SFAMWLM071322SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 37 | 8.842  | 1129 | 1138 | 1148 | rBV2 | 334973 | 657337 | 65.61% | 9.444%  |
| 38 | 9.043  | 1168 | 1171 | 1172 | rBV3 | 2007   | 2517   | 0.25%  | 0.036%  |
| 39 | 9.201  | 1195 | 1197 | 1199 | rBV3 | 1098   | 715    | 0.07%  | 0.010%  |
| 40 | 9.274  | 1201 | 1209 | 1221 | rBV  | 234429 | 477099 | 47.62% | 6.855%  |
| 41 | 9.659  | 1270 | 1272 | 1273 | rBV2 | 1773   | 1263   | 0.13%  | 0.018%  |
| 42 | 9.787  | 1291 | 1293 | 1294 | rVV2 | 1310   | 765    | 0.08%  | 0.011%  |
| 43 | 9.848  | 1300 | 1303 | 1305 | rBV3 | 732    | 969    | 0.10%  | 0.014%  |
| 44 | 9.890  | 1305 | 1310 | 1312 | rBV6 | 1261   | 1939   | 0.19%  | 0.028%  |
| 45 | 9.915  | 1312 | 1314 | 1315 | rBV  | 1238   | 786    | 0.08%  | 0.011%  |
| 46 | 10.037 | 1324 | 1334 | 1343 | rBV2 | 83882  | 158892 | 15.86% | 2.283%  |
| 47 | 10.201 | 1358 | 1361 | 1364 | rBV4 | 1497   | 1822   | 0.18%  | 0.026%  |
| 48 | 10.323 | 1372 | 1381 | 1388 | rBV  | 409072 | 728509 | 72.71% | 10.467% |
| 49 | 10.457 | 1401 | 1403 | 1405 | rBV3 | 1272   | 1253   | 0.13%  | 0.018%  |
| 50 | 10.579 | 1416 | 1423 | 1431 | rVB  | 60448  | 106659 | 10.65% | 1.532%  |
| 51 | 10.701 | 1437 | 1443 | 1450 | rVB2 | 19236  | 37821  | 3.77%  | 0.543%  |
| 52 | 10.860 | 1463 | 1469 | 1474 | rBV2 | 27054  | 47245  | 4.72%  | 0.679%  |
| 53 | 10.927 | 1474 | 1480 | 1493 | rVV4 | 87216  | 199284 | 19.89% | 2.863%  |
| 54 | 11.061 | 1498 | 1502 | 1509 | rVB  | 17859  | 31518  | 3.15%  | 0.453%  |
| 55 | 11.286 | 1536 | 1539 | 1542 | rBV4 | 647    | 822    | 0.08%  | 0.012%  |
| 56 | 11.359 | 1549 | 1551 | 1554 | rBV4 | 868    | 1216   | 0.12%  | 0.017%  |
| 57 | 11.433 | 1557 | 1563 | 1568 | rBV3 | 13686  | 26357  | 2.63%  | 0.379%  |
| 58 | 11.512 | 1575 | 1576 | 1578 | rBV2 | 761    | 591    | 0.06%  | 0.008%  |
| 59 | 11.628 | 1588 | 1595 | 1606 | rBV  | 427348 | 713835 | 71.24% | 10.256% |
| 60 | 11.835 | 1625 | 1629 | 1634 | rBV6 | 1770   | 2882   | 0.29%  | 0.041%  |
| 61 | 11.945 | 1645 | 1647 | 1650 | rBV3 | 831    | 574    | 0.06%  | 0.008%  |
| 62 | 12.152 | 1675 | 1681 | 1690 | rBV2 | 9838   | 21137  | 2.11%  | 0.304%  |
| 63 | 12.268 | 1698 | 1700 | 1704 | rVB5 | 1264   | 1452   | 0.14%  | 0.021%  |
| 64 | 12.396 | 1720 | 1721 | 1722 | rBV  | 1130   | 569    | 0.06%  | 0.008%  |
| 65 | 12.463 | 1730 | 1732 | 1738 | rBV5 | 930    | 1302   | 0.13%  | 0.019%  |
| 66 | 12.603 | 1747 | 1755 | 1762 | rBV  | 43471  | 75759  | 7.56%  | 1.088%  |
| 67 | 12.688 | 1762 | 1769 | 1777 | rVV  | 213685 | 356973 | 35.63% | 5.129%  |
| 68 | 12.774 | 1781 | 1783 | 1784 | rBV2 | 913    | 784    | 0.08%  | 0.011%  |
| 69 | 12.865 | 1795 | 1798 | 1801 | rBV4 | 940    | 1599   | 0.16%  | 0.023%  |
| 70 | 12.932 | 1805 | 1809 | 1815 | rVB6 | 4143   | 6315   | 0.63%  | 0.091%  |
| 71 | 12.999 | 1819 | 1820 | 1822 | rBV2 | 847    | 695    | 0.07%  | 0.010%  |
| 72 | 13.188 | 1849 | 1851 | 1853 | rVB3 | 1000   | 798    | 0.08%  | 0.011%  |
| 73 | 13.243 | 1858 | 1860 | 1863 | rBV4 | 1295   | 1442   | 0.14%  | 0.021%  |
| 74 | 13.554 | 1905 | 1911 | 1923 | rVV  | 299758 | 479891 | 47.90% | 6.895%  |
| 75 | 13.646 | 1923 | 1926 | 1932 | rVB8 | 2833   | 4652   | 0.46%  | 0.067%  |
| 76 | 13.761 | 1940 | 1945 | 1947 | rBV5 | 1632   | 2947   | 0.29%  | 0.042%  |

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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0ZD6

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\SFAMWLM071322SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 13.853 | 1952 | 1960 | 1967 | rBV  | 274842 | 463222 | 46.23% | 6.655% |
| 78  | 14.066 | 1990 | 1995 | 2002 | rVB2 | 11391  | 20922  | 2.09%  | 0.301% |
| 79  | 14.420 | 2050 | 2053 | 2056 | rBV5 | 1073   | 1341   | 0.13%  | 0.019% |
| 80  | 14.475 | 2058 | 2062 | 2063 | rBV2 | 1096   | 1501   | 0.15%  | 0.022% |
| 81  | 14.554 | 2073 | 2075 | 2077 | rBV2 | 1112   | 1202   | 0.12%  | 0.017% |
| 82  | 14.597 | 2080 | 2082 | 2085 | rBV4 | 622    | 720    | 0.07%  | 0.010% |
| 83  | 14.676 | 2093 | 2095 | 2097 | rBV3 | 1057   | 1146   | 0.11%  | 0.016% |
| 84  | 14.719 | 2098 | 2102 | 2107 | rVB8 | 2383   | 4819   | 0.48%  | 0.069% |
| 85  | 14.767 | 2108 | 2110 | 2112 | rVV3 | 842    | 642    | 0.06%  | 0.009% |
| 86  | 14.853 | 2122 | 2124 | 2125 | rBV2 | 761    | 597    | 0.06%  | 0.009% |
| 87  | 14.999 | 2144 | 2148 | 2149 | rBV3 | 690    | 968    | 0.10%  | 0.014% |
| 88  | 15.103 | 2160 | 2165 | 2167 | rVB5 | 1555   | 2149   | 0.21%  | 0.031% |
| 89  | 15.121 | 2167 | 2168 | 2171 | rBV2 | 946    | 934    | 0.09%  | 0.013% |
| 90  | 15.164 | 2171 | 2175 | 2178 | rBV5 | 1487   | 2410   | 0.24%  | 0.035% |
| 91  | 15.231 | 2184 | 2186 | 2189 | rBV5 | 903    | 931    | 0.09%  | 0.013% |
| 92  | 15.347 | 2203 | 2205 | 2209 | rBV5 | 930    | 1126   | 0.11%  | 0.016% |
| 93  | 15.432 | 2214 | 2219 | 2224 | rVB7 | 2591   | 4814   | 0.48%  | 0.069% |
| 94  | 15.468 | 2224 | 2225 | 2226 | rBV  | 1025   | 713    | 0.07%  | 0.010% |
| 95  | 15.688 | 2256 | 2261 | 2263 | rBV6 | 2006   | 2413   | 0.24%  | 0.035% |
| 96  | 15.926 | 2298 | 2300 | 2302 | rBV3 | 1092   | 1215   | 0.12%  | 0.017% |
| 97  | 16.127 | 2331 | 2333 | 2336 | rBV3 | 712    | 828    | 0.08%  | 0.012% |
| 98  | 16.200 | 2343 | 2345 | 2348 | rBV4 | 1020   | 1465   | 0.15%  | 0.021% |
| 99  | 16.352 | 2368 | 2370 | 2373 | rBV3 | 952    | 1263   | 0.13%  | 0.018% |
| 100 | 16.669 | 2420 | 2422 | 2423 | rBV  | 1008   | 830    | 0.08%  | 0.012% |

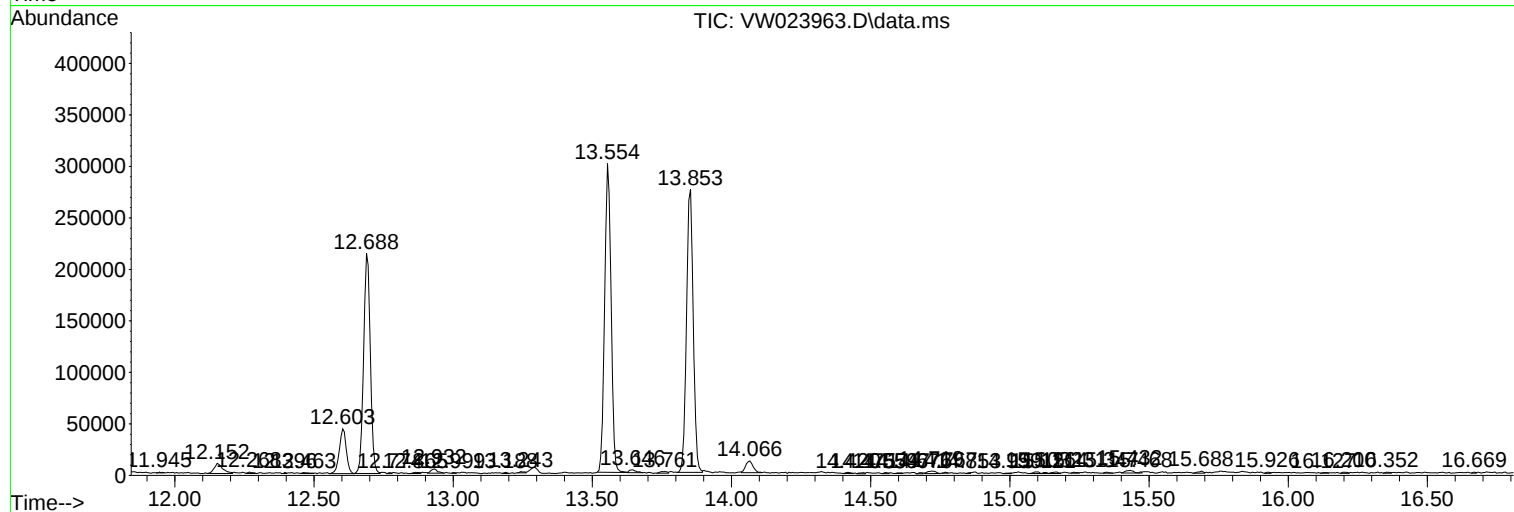
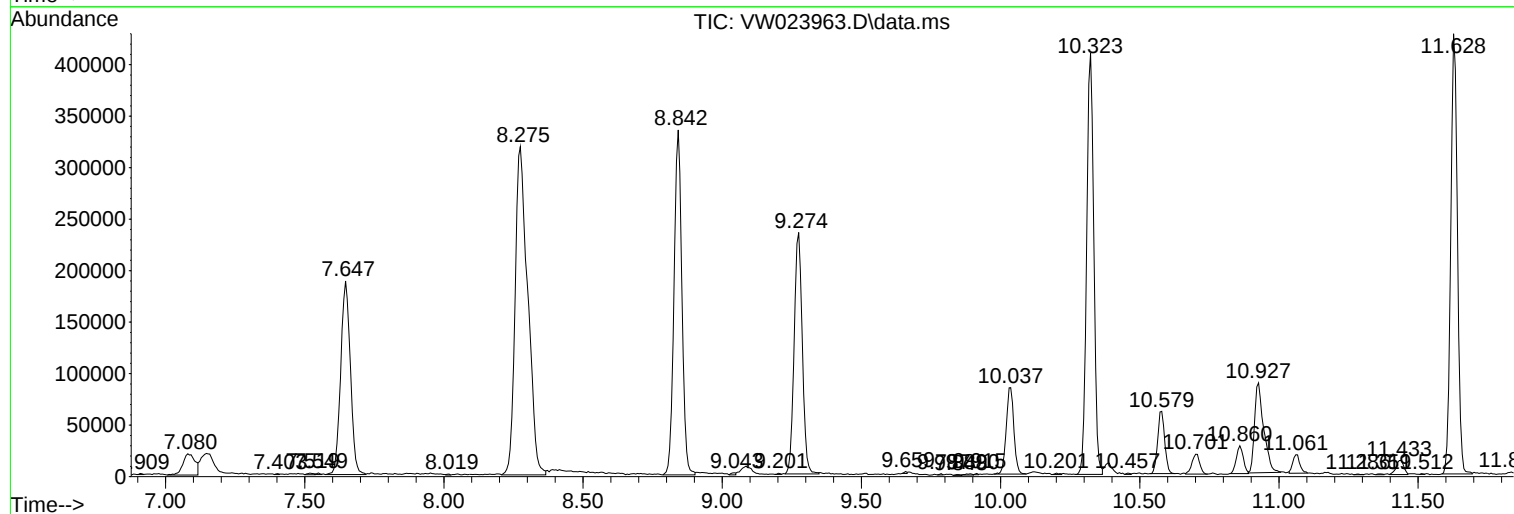
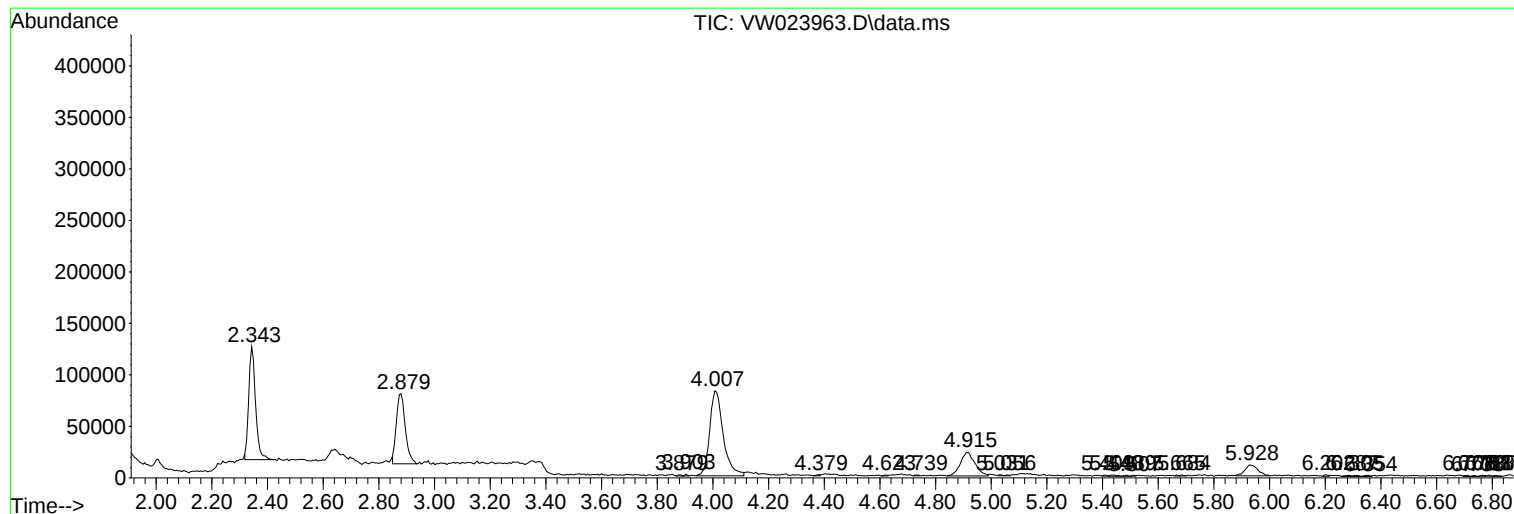
Sum of corrected areas: 6960166

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Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071922\  
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Instrument :  
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C0ZD6

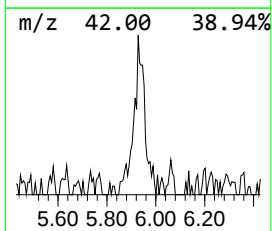
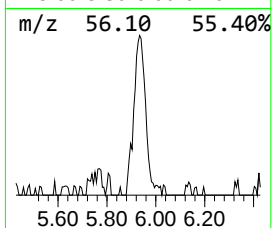
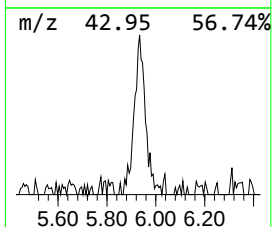
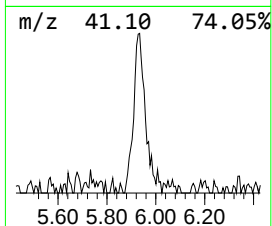
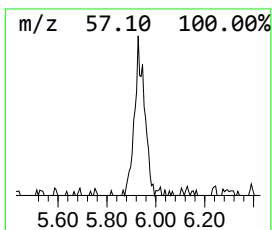
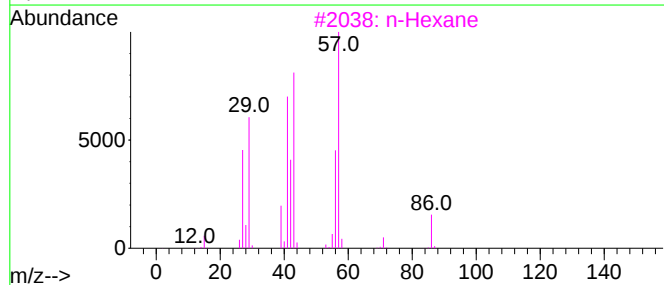
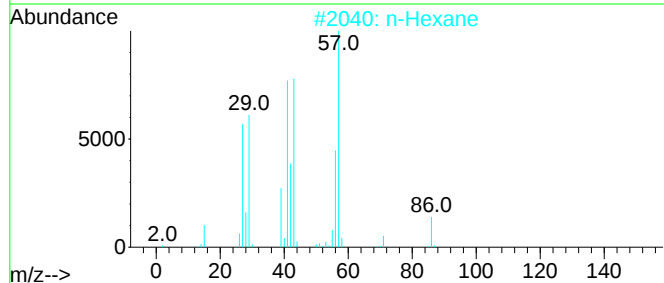
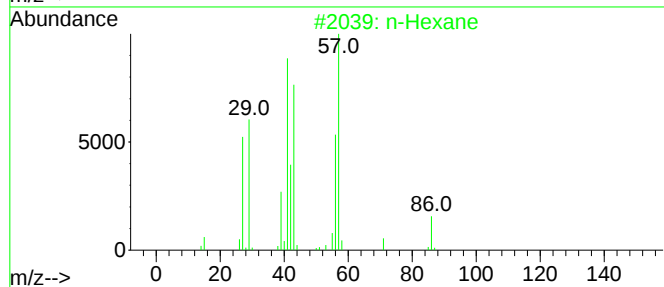
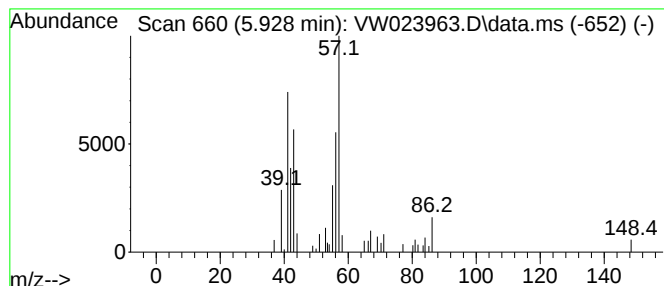
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 5.928 | 1.31 ug/L | 34319 | 1,4-Difluorobenzene | 8.842 |

| Hit# | of 5 | Tentative ID    | MW  | MolForm | CAS#         | Qual |
|------|------|-----------------|-----|---------|--------------|------|
| 1    |      | n-Hexane        | 86  | C6H14   | 000110-54-3  | 64   |
| 2    |      | n-Hexane        | 86  | C6H14   | 000110-54-3  | 64   |
| 3    |      | n-Hexane        | 86  | C6H14   | 000110-54-3  | 59   |
| 4    |      | 2-Ethyl-oxetane | 86  | C5H10O  | 1010386-40-2 | 59   |
| 5    |      | 1-Hexanol       | 102 | C6H14O  | 000111-27-3  | 47   |



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Quant Title : SFAM01.0

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... | 5.928 | 1.3     | ug/L  | 34319    | 1                     | 8.842 | 657337 | 25.0 |