

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121523\  
 Data File : VW027706.D  
 Acq On : 16 Dec 2023 22:28  
 Operator : SY/MD  
 Sample : 05836-08  
 Misc : 5.21g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DCLP4

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\SFAMWLM121523SMA.M  
 Title : SFAM01.0

Signal : TIC: VW027706.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          | 93           | rVB      | 128518         | 284778        | 15.46%          | 2.076%        |
| 2         | 2.899       | 159           | 166         | 184          | rVB      | 93439          | 253505        | 13.76%          | 1.848%        |
| 3         | 3.673       | 292           | 293         | 296          | rVB      | 327            | 204           | 0.01%           | 0.001%        |
| 4         | 3.698       | 296           | 297         | 299          | rBV2     | 302            | 204           | 0.01%           | 0.001%        |
| 5         | 4.021       | 339           | 350         | 366          | rBV      | 244454         | 647054        | 35.13%          | 4.717%        |
| 6         | 4.259       | 387           | 389         | 393          | rVB2     | 157            | 213           | 0.01%           | 0.002%        |
| 7         | 4.423       | 414           | 416         | 417          | rBV2     | 258            | 233           | 0.01%           | 0.002%        |
| 8         | 4.551       | 435           | 437         | 440          | rBV3     | 242            | 262           | 0.01%           | 0.002%        |
| 9         | 4.917       | 487           | 497         | 514          | rVB3     | 15065          | 48401         | 2.63%           | 0.353%        |
| 10        | 5.039       | 514           | 517         | 518          | rBV2     | 165            | 153           | 0.01%           | 0.001%        |
| 11        | 5.088       | 524           | 525         | 528          | rBV2     | 136            | 133           | 0.01%           | 0.001%        |
| 12        | 5.167       | 535           | 538         | 540          | rBV2     | 208            | 209           | 0.01%           | 0.002%        |
| 13        | 5.222       | 545           | 547         | 549          | rVB      | 264            | 198           | 0.01%           | 0.001%        |
| 14        | 5.789       | 639           | 640         | 643          | rBV2     | 188            | 138           | 0.01%           | 0.001%        |
| 15        | 5.850       | 645           | 650         | 651          | rBV2     | 96             | 139           | 0.01%           | 0.001%        |
| 16        | 5.954       | 656           | 667         | 677          | rVB5     | 4067           | 13331         | 0.72%           | 0.097%        |
| 17        | 6.112       | 691           | 693         | 695          | rBV2     | 175            | 170           | 0.01%           | 0.001%        |
| 18        | 6.161       | 698           | 701         | 702          | rBV2     | 188            | 188           | 0.01%           | 0.001%        |
| 19        | 6.222       | 708           | 711         | 714          | rBV2     | 186            | 278           | 0.02%           | 0.002%        |
| 20        | 6.594       | 769           | 772         | 775          | rBV2     | 112            | 174           | 0.01%           | 0.001%        |
| 21        | 6.734       | 792           | 795         | 798          | rVB2     | 183            | 227           | 0.01%           | 0.002%        |
| 22        | 6.770       | 798           | 801         | 804          | rBV      | 97             | 142           | 0.01%           | 0.001%        |
| 23        | 6.807       | 804           | 807         | 811          | rVB2     | 196            | 319           | 0.02%           | 0.002%        |
| 24        | 6.838       | 811           | 812         | 814          | rBV      | 234            | 135           | 0.01%           | 0.001%        |
| 25        | 6.856       | 814           | 815         | 817          | rBV      | 195            | 167           | 0.01%           | 0.001%        |
| 26        | 6.978       | 830           | 835         | 838          | rBV2     | 155            | 298           | 0.02%           | 0.002%        |
| 27        | 7.081       | 843           | 852         | 860          | rBV      | 38654          | 121294        | 6.58%           | 0.884%        |
| 28        | 7.417       | 905           | 907         | 911          | rVB2     | 284            | 222           | 0.01%           | 0.002%        |
| 29        | 7.648       | 934           | 945         | 960          | rBV      | 306372         | 747794        | 40.59%          | 5.452%        |
| 30        | 7.752       | 960           | 962         | 963          | rBV2     | 403            | 306           | 0.02%           | 0.002%        |
| 31        | 8.063       | 1011          | 1013        | 1016         | rBV2     | 161            | 221           | 0.01%           | 0.002%        |
| 32        | 8.276       | 1037          | 1048        | 1070         | rBV2     | 663162         | 1842128       | 100.00%         | 13.430%       |
| 33        | 8.618       | 1102          | 1104        | 1110         | rBV3     | 426            | 690           | 0.04%           | 0.005%        |
| 34        | 8.752       | 1124          | 1126        | 1128         | rBV2     | 237            | 219           | 0.01%           | 0.002%        |
| 35        | 8.843       | 1131          | 1141        | 1158         | rBV      | 678074         | 1361048       | 73.88%          | 9.923%        |
| 36        | 9.087       | 1174          | 1181        | 1184         | rVB5     | 921            | 1806          | 0.10%           | 0.013%        |

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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\SFAMWLM121523SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 37 | 9.270  | 1202 | 1211 | 1220 | rBV  | 403428 | 816715  | 44.34% | 5.954%  |
| 38 | 9.422  | 1234 | 1236 | 1237 | rVB  | 256    | 162     | 0.01%  | 0.001%  |
| 39 | 9.447  | 1237 | 1240 | 1243 | rBV2 | 141    | 248     | 0.01%  | 0.002%  |
| 40 | 9.599  | 1263 | 1265 | 1266 | rBV2 | 204    | 159     | 0.01%  | 0.001%  |
| 41 | 9.654  | 1270 | 1274 | 1275 | rBV2 | 185    | 244     | 0.01%  | 0.002%  |
| 42 | 9.709  | 1281 | 1283 | 1285 | rVB2 | 199    | 138     | 0.01%  | 0.001%  |
| 43 | 10.032 | 1325 | 1336 | 1347 | rBV  | 217500 | 392079  | 21.28% | 2.858%  |
| 44 | 10.209 | 1364 | 1365 | 1370 | rVB2 | 417    | 421     | 0.02%  | 0.003%  |
| 45 | 10.252 | 1370 | 1372 | 1375 | rBV2 | 163    | 256     | 0.01%  | 0.002%  |
| 46 | 10.319 | 1375 | 1383 | 1394 | rBV  | 918038 | 1652821 | 89.72% | 12.050% |
| 47 | 10.575 | 1418 | 1425 | 1438 | rBV  | 128009 | 221909  | 12.05% | 1.618%  |
| 48 | 10.703 | 1438 | 1446 | 1454 | rVV  | 9982   | 17898   | 0.97%  | 0.130%  |
| 49 | 10.764 | 1454 | 1456 | 1459 | rVB3 | 219    | 192     | 0.01%  | 0.001%  |
| 50 | 10.867 | 1470 | 1473 | 1475 | rBV3 | 265    | 259     | 0.01%  | 0.002%  |
| 51 | 10.922 | 1475 | 1482 | 1494 | rBV  | 174845 | 296196  | 16.08% | 2.159%  |
| 52 | 11.062 | 1501 | 1505 | 1512 | rVB2 | 2658   | 4726    | 0.26%  | 0.034%  |
| 53 | 11.117 | 1512 | 1514 | 1515 | rVB  | 296    | 170     | 0.01%  | 0.001%  |
| 54 | 11.178 | 1520 | 1524 | 1528 | rBV2 | 316    | 476     | 0.03%  | 0.003%  |
| 55 | 11.294 | 1541 | 1543 | 1545 | rVV  | 181    | 171     | 0.01%  | 0.001%  |
| 56 | 11.428 | 1562 | 1565 | 1571 | rBV3 | 480    | 963     | 0.05%  | 0.007%  |
| 57 | 11.629 | 1588 | 1598 | 1610 | rBV  | 955865 | 1582793 | 85.92% | 11.539% |
| 58 | 11.837 | 1630 | 1632 | 1640 | rVB4 | 716    | 1344    | 0.07%  | 0.010%  |
| 59 | 11.989 | 1655 | 1657 | 1660 | rBV  | 149    | 165     | 0.01%  | 0.001%  |
| 60 | 12.038 | 1663 | 1665 | 1668 | rVB  | 215    | 199     | 0.01%  | 0.001%  |
| 61 | 12.068 | 1668 | 1670 | 1672 | rBV  | 240    | 159     | 0.01%  | 0.001%  |
| 62 | 12.117 | 1675 | 1678 | 1681 | rBV2 | 145    | 219     | 0.01%  | 0.002%  |
| 63 | 12.172 | 1681 | 1687 | 1693 | rVB6 | 729    | 1463    | 0.08%  | 0.011%  |
| 64 | 12.276 | 1703 | 1704 | 1707 | rVB2 | 148    | 151     | 0.01%  | 0.001%  |
| 65 | 12.306 | 1707 | 1709 | 1713 | rBV3 | 158    | 225     | 0.01%  | 0.002%  |
| 66 | 12.465 | 1731 | 1735 | 1738 | rBV3 | 494    | 755     | 0.04%  | 0.006%  |
| 67 | 12.501 | 1739 | 1741 | 1742 | rVB  | 251    | 142     | 0.01%  | 0.001%  |
| 68 | 12.519 | 1742 | 1744 | 1747 | rVB2 | 156    | 166     | 0.01%  | 0.001%  |
| 69 | 12.550 | 1747 | 1749 | 1751 | rBV2 | 201    | 198     | 0.01%  | 0.001%  |
| 70 | 12.605 | 1751 | 1758 | 1765 | rBV2 | 10561  | 18198   | 0.99%  | 0.133%  |
| 71 | 12.690 | 1765 | 1772 | 1780 | rBV  | 298771 | 485950  | 26.38% | 3.543%  |
| 72 | 12.873 | 1800 | 1802 | 1803 | rBV  | 239    | 148     | 0.01%  | 0.001%  |
| 73 | 12.928 | 1808 | 1811 | 1812 | rBV  | 667    | 839     | 0.05%  | 0.006%  |
| 74 | 12.995 | 1820 | 1822 | 1823 | rBV  | 224    | 158     | 0.01%  | 0.001%  |
| 75 | 13.032 | 1826 | 1828 | 1832 | rVB  | 204    | 215     | 0.01%  | 0.002%  |
| 76 | 13.099 | 1838 | 1839 | 1840 | rBV  | 224    | 137     | 0.01%  | 0.001%  |

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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\_W\Method\SFAMWLM121523SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 77  | 13.153 | 1844 | 1848 | 1851 | rVV4 | 1275   | 2131    | 0.12%  | 0.016%  |
| 78  | 13.208 | 1851 | 1857 | 1866 | rVV  | 57074  | 93983   | 5.10%  | 0.685%  |
| 79  | 13.282 | 1866 | 1869 | 1877 | rVB4 | 5346   | 9893    | 0.54%  | 0.072%  |
| 80  | 13.440 | 1892 | 1895 | 1898 | rBV2 | 321    | 489     | 0.03%  | 0.004%  |
| 81  | 13.464 | 1898 | 1899 | 1900 | rBB  | 186    | 136     | 0.01%  | 0.001%  |
| 82  | 13.495 | 1901 | 1904 | 1907 | rVV5 | 1176   | 1991    | 0.11%  | 0.015%  |
| 83  | 13.556 | 1907 | 1914 | 1925 | rVV  | 917430 | 1517543 | 82.38% | 11.064% |
| 84  | 13.647 | 1926 | 1929 | 1935 | rVB5 | 2556   | 4319    | 0.23%  | 0.031%  |
| 85  | 13.848 | 1954 | 1962 | 1974 | rBV  | 761078 | 1232847 | 66.93% | 8.988%  |
| 86  | 14.062 | 1991 | 1997 | 2002 | rVB  | 8240   | 13473   | 0.73%  | 0.098%  |
| 87  | 14.184 | 2015 | 2017 | 2019 | rBV2 | 413    | 341     | 0.02%  | 0.002%  |
| 88  | 14.306 | 2032 | 2037 | 2038 | rBV4 | 761    | 1207    | 0.07%  | 0.009%  |
| 89  | 14.403 | 2051 | 2053 | 2054 | rBV2 | 236    | 169     | 0.01%  | 0.001%  |
| 90  | 14.501 | 2065 | 2069 | 2071 | rBV3 | 350    | 447     | 0.02%  | 0.003%  |
| 91  | 14.592 | 2082 | 2084 | 2086 | rBV  | 213    | 211     | 0.01%  | 0.002%  |
| 92  | 14.617 | 2086 | 2088 | 2089 | rBV2 | 420    | 345     | 0.02%  | 0.003%  |
| 93  | 14.672 | 2096 | 2097 | 2100 | rBV2 | 417    | 447     | 0.02%  | 0.003%  |
| 94  | 14.720 | 2100 | 2105 | 2110 | rVB3 | 1700   | 2782    | 0.15%  | 0.020%  |
| 95  | 14.860 | 2127 | 2128 | 2130 | rVB  | 334    | 180     | 0.01%  | 0.001%  |
| 96  | 15.074 | 2161 | 2163 | 2167 | rBV3 | 378    | 429     | 0.02%  | 0.003%  |
| 97  | 15.117 | 2169 | 2170 | 2171 | rBV2 | 511    | 297     | 0.02%  | 0.002%  |
| 98  | 15.348 | 2206 | 2208 | 2209 | rBV  | 461    | 328     | 0.02%  | 0.002%  |
| 99  | 15.427 | 2218 | 2221 | 2226 | rVB2 | 3401   | 4565    | 0.25%  | 0.033%  |
| 100 | 15.470 | 2226 | 2228 | 2233 | rBV3 | 796    | 1266    | 0.07%  | 0.009%  |

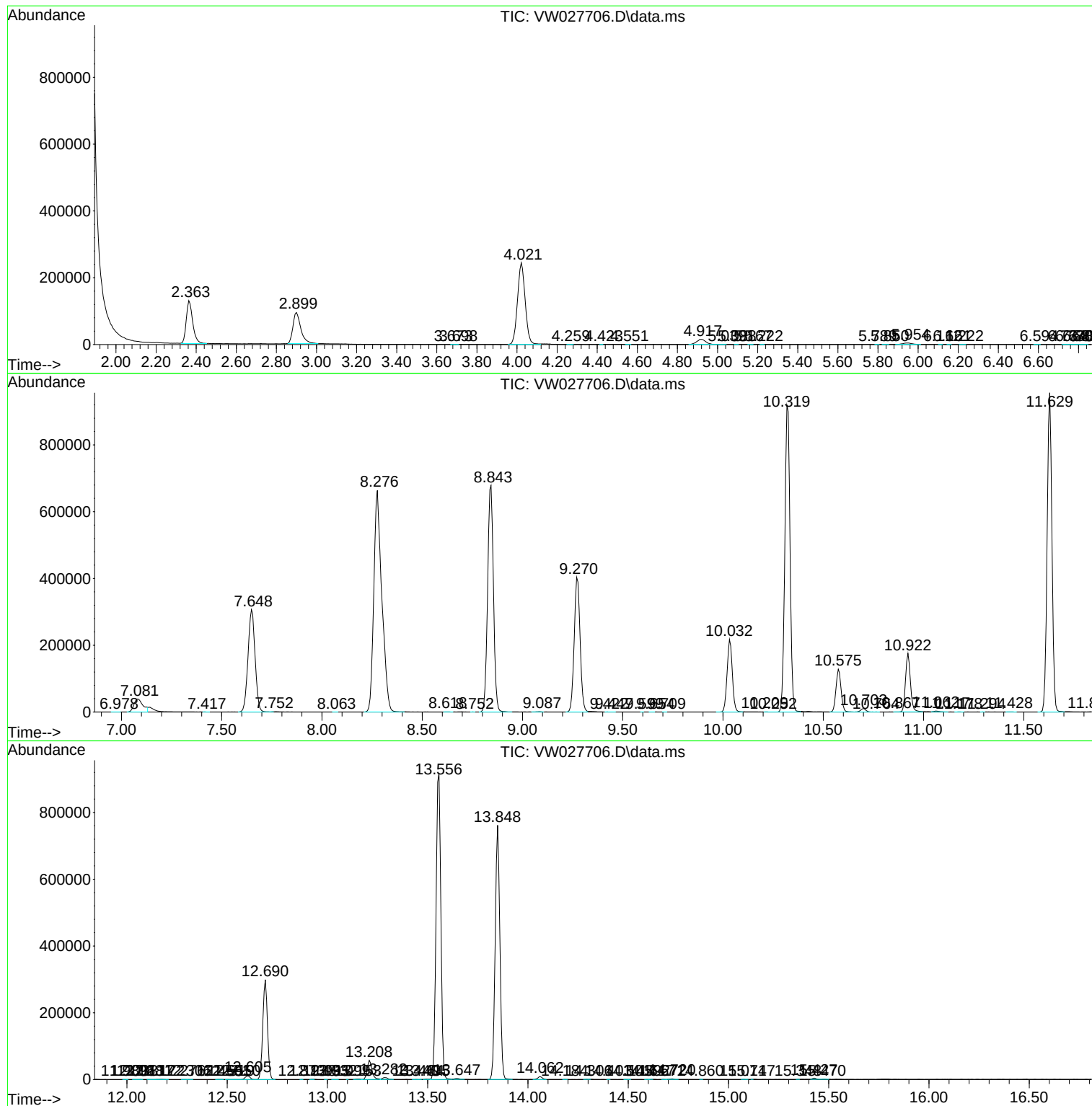
Sum of corrected areas: 13716627

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Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121523SMA.M  
Quant Title : SFAM01.0

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



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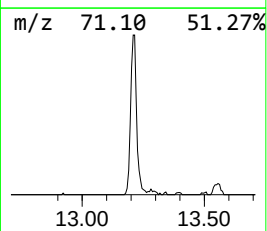
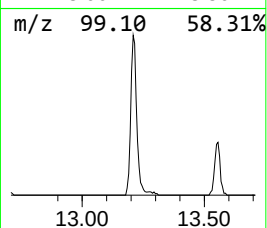
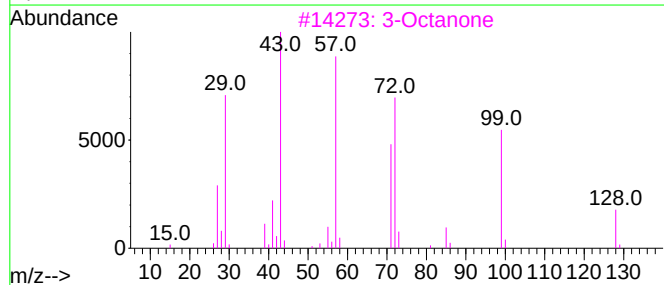
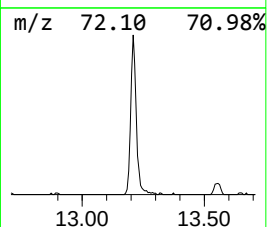
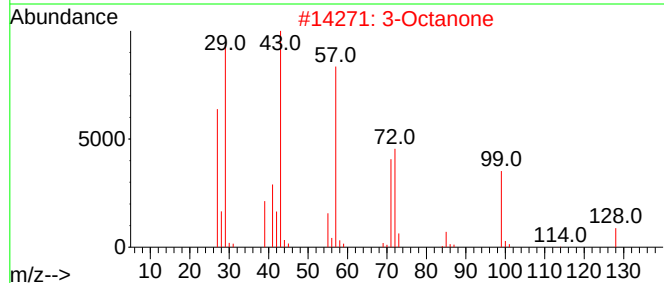
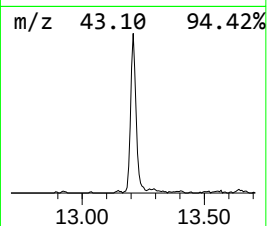
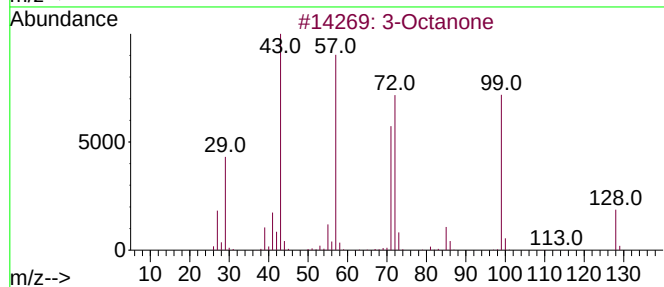
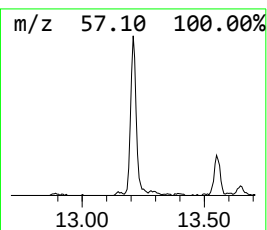
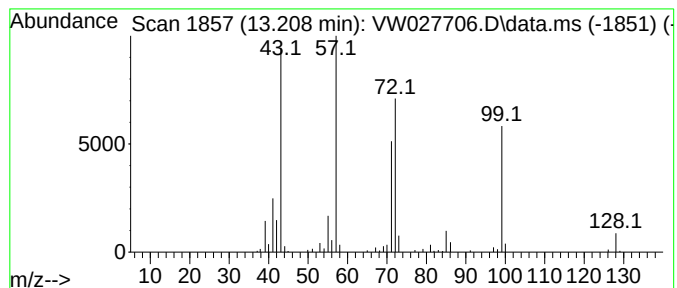
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121523SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 2 3-Octanone Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.208 | 1.55 ug/L | 93983 | 1,4-Dichlorobenzene-d4 | 13.550 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------|-----|---------|-------------|------|
| 1    |      | 3-Octanone             | 128 | C8H16O  | 000106-68-3 | 91   |
| 2    |      | 3-Octanone             | 128 | C8H16O  | 000106-68-3 | 80   |
| 3    |      | 3-Octanone             | 128 | C8H16O  | 000106-68-3 | 64   |
| 4    |      | 3-Octanone             | 128 | C8H16O  | 000106-68-3 | 53   |
| 5    |      | 3-Heptanone, 6-methyl- | 128 | C8H16O  | 000624-42-0 | 52   |



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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 |
| 3-Octanone       | 13.208 | 1.6     | ug/L  | 93983    | 3                     | 13.550 | 1517540 | 25.0 |