

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW012825\  
 Data File : VW031615.D  
 Acq On : 28 Jan 2025 13:51  
 Operator : SY/MD  
 Sample : Q1190-02  
 Misc : 13.77g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A44S3

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011025SMA.M  
 Title : SFAM01.0

Signal : TIC: VW031615.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         | 2.100       | 31            | 35          | 39           | rVB2     | 4454           | 6110          | 0.19%           | 0.027%        |
| 2         | 2.155       | 42            | 44          | 45           | rBV      | 2095           | 1790          | 0.05%           | 0.008%        |
| 3         | 2.210       | 49            | 53          | 59           | rBV3     | 4292           | 9861          | 0.30%           | 0.044%        |
| 4         | 2.363       | 71            | 78          | 95           | rBV      | 123322         | 382880        | 11.73%          | 1.707%        |
| 5         | 2.503       | 96            | 101         | 113          | rVV      | 36516          | 101397        | 3.11%           | 0.452%        |
| 6         | 2.893       | 158           | 165         | 180          | rBV      | 111817         | 323678        | 9.92%           | 1.443%        |
| 7         | 3.381       | 240           | 245         | 251          | rVB5     | 2578           | 4920          | 0.15%           | 0.022%        |
| 8         | 3.631       | 283           | 286         | 288          | rBV3     | 658            | 833           | 0.03%           | 0.004%        |
| 9         | 3.679       | 290           | 294         | 296          | rBV3     | 1146           | 1650          | 0.05%           | 0.007%        |
| 10        | 3.832       | 315           | 319         | 320          | rBV3     | 817            | 867           | 0.03%           | 0.004%        |
| 11        | 3.856       | 320           | 323         | 325          | rBV4     | 588            | 934           | 0.03%           | 0.004%        |
| 12        | 3.911       | 328           | 332         | 337          | rVB4     | 1597           | 2881          | 0.09%           | 0.013%        |
| 13        | 4.015       | 337           | 349         | 364          | rBV      | 269942         | 988767        | 30.29%          | 4.407%        |
| 14        | 4.149       | 364           | 371         | 392          | rVB      | 88233          | 327681        | 10.04%          | 1.461%        |
| 15        | 4.423       | 414           | 416         | 419          | rVB      | 1017           | 837           | 0.03%           | 0.004%        |
| 16        | 4.448       | 419           | 420         | 423          | rBV3     | 742            | 983           | 0.03%           | 0.004%        |
| 17        | 4.917       | 494           | 497         | 499          | rBV3     | 702            | 760           | 0.02%           | 0.003%        |
| 18        | 5.118       | 521           | 530         | 533          | rBV4     | 3175           | 8371          | 0.26%           | 0.037%        |
| 19        | 5.252       | 547           | 552         | 554          | rBV5     | 713            | 1253          | 0.04%           | 0.006%        |
| 20        | 5.295       | 557           | 559         | 562          | rVB2     | 843            | 796           | 0.02%           | 0.004%        |
| 21        | 5.356       | 565           | 569         | 573          | rVB5     | 634            | 1042          | 0.03%           | 0.005%        |
| 22        | 5.411       | 573           | 578         | 580          | rBV      | 799            | 1027          | 0.03%           | 0.005%        |
| 23        | 5.789       | 628           | 640         | 653          | rBV2     | 10344          | 36739         | 1.13%           | 0.164%        |
| 24        | 5.941       | 659           | 665         | 673          | rVB4     | 2018           | 5466          | 0.17%           | 0.024%        |
| 25        | 6.118       | 688           | 694         | 698          | rVV4     | 1379           | 2872          | 0.09%           | 0.013%        |
| 26        | 6.301       | 723           | 724         | 729          | rVV4     | 444            | 698           | 0.02%           | 0.003%        |
| 27        | 6.411       | 738           | 742         | 746          | rBV3     | 491            | 1055          | 0.03%           | 0.005%        |
| 28        | 6.594       | 768           | 772         | 775          | rBV3     | 1050           | 1732          | 0.05%           | 0.008%        |
| 29        | 6.716       | 787           | 792         | 794          | rBV4     | 497            | 746           | 0.02%           | 0.003%        |
| 30        | 6.905       | 812           | 823         | 835          | rBV3     | 14658          | 48287         | 1.48%           | 0.215%        |
| 31        | 7.081       | 843           | 852         | 879          | rBV      | 160937         | 572396        | 17.53%          | 2.551%        |
| 32        | 7.545       | 922           | 928         | 934          | rBV9     | 1533           | 3882          | 0.12%           | 0.017%        |
| 33        | 7.648       | 934           | 945         | 957          | rVV      | 518915         | 1289712       | 39.51%          | 5.749%        |
| 34        | 7.947       | 992           | 994         | 997          | rBV3     | 624            | 837           | 0.03%           | 0.004%        |
| 35        | 8.081       | 1011          | 1016        | 1019         | rVB4     | 808            | 1444          | 0.04%           | 0.006%        |
| 36        | 8.270       | 1036          | 1047        | 1066         | rBV2     | 1042170        | 3264485       | 100.00%         | 14.551%       |

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 ClientSampleId :  
 A44S3

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011025SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 37 | 8.551  | 1081 | 1093 | 1101 | rBV3 | 10052   | 27169   | 0.83%  | 0.121%  |
| 38 | 8.709  | 1109 | 1119 | 1126 | rBV3 | 12187   | 29637   | 0.91%  | 0.132%  |
| 39 | 8.837  | 1130 | 1140 | 1154 | rBV  | 1156481 | 2281987 | 69.90% | 10.171% |
| 40 | 8.947  | 1156 | 1158 | 1162 | rVB5 | 1140    | 1592    | 0.05%  | 0.007%  |
| 41 | 9.063  | 1171 | 1177 | 1186 | rBV7 | 4446    | 12568   | 0.38%  | 0.056%  |
| 42 | 9.270  | 1202 | 1211 | 1221 | rBV  | 752209  | 1520183 | 46.57% | 6.776%  |
| 43 | 9.410  | 1227 | 1234 | 1243 | rVB  | 30282   | 61278   | 1.88%  | 0.273%  |
| 44 | 9.666  | 1268 | 1276 | 1287 | rVB7 | 4169    | 11617   | 0.36%  | 0.052%  |
| 45 | 9.813  | 1296 | 1300 | 1303 | rVB4 | 780     | 962     | 0.03%  | 0.004%  |
| 46 | 10.032 | 1327 | 1336 | 1348 | rBV  | 406689  | 732100  | 22.43% | 3.263%  |
| 47 | 10.123 | 1348 | 1351 | 1358 | rVB5 | 2322    | 4309    | 0.13%  | 0.019%  |
| 48 | 10.203 | 1361 | 1364 | 1365 | rBV3 | 694     | 767     | 0.02%  | 0.003%  |
| 49 | 10.319 | 1374 | 1383 | 1391 | rVV  | 1323625 | 2365967 | 72.48% | 10.546% |
| 50 | 10.379 | 1391 | 1393 | 1405 | rVB2 | 6918    | 12602   | 0.39%  | 0.056%  |
| 51 | 10.495 | 1407 | 1412 | 1416 | rBV7 | 1709    | 3434    | 0.11%  | 0.015%  |
| 52 | 10.575 | 1418 | 1425 | 1432 | rBV  | 254267  | 439625  | 13.47% | 1.960%  |
| 53 | 10.697 | 1439 | 1445 | 1451 | rVB2 | 14718   | 27346   | 0.84%  | 0.122%  |
| 54 | 10.855 | 1467 | 1471 | 1475 | rBV6 | 4290    | 7758    | 0.24%  | 0.035%  |
| 55 | 10.922 | 1475 | 1482 | 1499 | rVV  | 590232  | 1016952 | 31.15% | 4.533%  |
| 56 | 11.068 | 1499 | 1506 | 1518 | rVB  | 95963   | 167766  | 5.14%  | 0.748%  |
| 57 | 11.349 | 1549 | 1552 | 1553 | rBV2 | 711     | 682     | 0.02%  | 0.003%  |
| 58 | 11.568 | 1583 | 1588 | 1589 | rBV4 | 1651    | 1781    | 0.05%  | 0.008%  |
| 59 | 11.629 | 1590 | 1598 | 1608 | rVV  | 1289899 | 2224703 | 68.15% | 9.916%  |
| 60 | 11.837 | 1628 | 1632 | 1637 | rBV8 | 2333    | 5674    | 0.17%  | 0.025%  |
| 61 | 11.940 | 1644 | 1649 | 1659 | rVB5 | 5373    | 11309   | 0.35%  | 0.050%  |
| 62 | 12.160 | 1683 | 1685 | 1695 | rVB6 | 1414    | 2767    | 0.08%  | 0.012%  |
| 63 | 12.239 | 1695 | 1698 | 1700 | rBV2 | 1463    | 1666    | 0.05%  | 0.007%  |
| 64 | 12.336 | 1708 | 1714 | 1720 | rBV2 | 16640   | 30752   | 0.94%  | 0.137%  |
| 65 | 12.464 | 1731 | 1735 | 1740 | rBV6 | 1329    | 2343    | 0.07%  | 0.010%  |
| 66 | 12.538 | 1744 | 1747 | 1749 | rBV3 | 699     | 748     | 0.02%  | 0.003%  |
| 67 | 12.599 | 1751 | 1757 | 1764 | rBV2 | 50515   | 84141   | 2.58%  | 0.375%  |
| 68 | 12.690 | 1764 | 1772 | 1781 | rBV  | 693622  | 1159481 | 35.52% | 5.168%  |
| 69 | 12.794 | 1788 | 1789 | 1796 | rVB4 | 651     | 860     | 0.03%  | 0.004%  |
| 70 | 12.928 | 1803 | 1811 | 1819 | rBV5 | 4788    | 11860   | 0.36%  | 0.053%  |
| 71 | 13.044 | 1826 | 1830 | 1835 | rBV7 | 2602    | 4432    | 0.14%  | 0.020%  |
| 72 | 13.086 | 1835 | 1837 | 1840 | rVV4 | 1331    | 2010    | 0.06%  | 0.009%  |
| 73 | 13.147 | 1844 | 1847 | 1851 | rVB4 | 2240    | 3995    | 0.12%  | 0.018%  |
| 74 | 13.220 | 1858 | 1859 | 1860 | rBV  | 1315    | 722     | 0.02%  | 0.003%  |
| 75 | 13.275 | 1863 | 1868 | 1874 | rVB5 | 3967    | 9053    | 0.28%  | 0.040%  |
| 76 | 13.391 | 1881 | 1887 | 1895 | rBV3 | 9473    | 16621   | 0.51%  | 0.074%  |

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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A44S3

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\SFAMWLM011025SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 77  | 13.470 | 1896 | 1900 | 1902 | rVV4 | 969    | 1279    | 0.04%  | 0.006% |
| 78  | 13.550 | 1906 | 1913 | 1922 | rVV  | 831926 | 1349973 | 41.35% | 6.017% |
| 79  | 13.641 | 1924 | 1928 | 1937 | rVB7 | 5270   | 10488   | 0.32%  | 0.047% |
| 80  | 13.848 | 1954 | 1962 | 1970 | rBV  | 702973 | 1156758 | 35.43% | 5.156% |
|     |        |      |      |      |      |        |         |        |        |
| 81  | 14.013 | 1986 | 1989 | 1991 | rBV4 | 1595   | 2423    | 0.07%  | 0.011% |
| 82  | 14.056 | 1991 | 1996 | 2010 | rVB2 | 35945  | 67531   | 2.07%  | 0.301% |
| 83  | 14.190 | 2014 | 2018 | 2020 | rBV4 | 1304   | 1974    | 0.06%  | 0.009% |
| 84  | 14.318 | 2034 | 2039 | 2051 | rBV6 | 9510   | 18659   | 0.57%  | 0.083% |
| 85  | 14.513 | 2063 | 2071 | 2077 | rBV4 | 6868   | 13749   | 0.42%  | 0.061% |
|     |        |      |      |      |      |        |         |        |        |
| 86  | 14.610 | 2084 | 2087 | 2092 | rBV4 | 1426   | 2449    | 0.08%  | 0.011% |
| 87  | 14.665 | 2093 | 2096 | 2099 | rBV4 | 712    | 1127    | 0.03%  | 0.005% |
| 88  | 14.799 | 2114 | 2118 | 2120 | rBV2 | 883    | 1364    | 0.04%  | 0.006% |
| 89  | 14.885 | 2129 | 2132 | 2134 | rBV4 | 912    | 871     | 0.03%  | 0.004% |
| 90  | 14.952 | 2138 | 2143 | 2147 | rBV6 | 1499   | 2493    | 0.08%  | 0.011% |
|     |        |      |      |      |      |        |         |        |        |
| 91  | 15.110 | 2167 | 2169 | 2172 | rBV4 | 1250   | 1708    | 0.05%  | 0.008% |
| 92  | 15.171 | 2175 | 2179 | 2183 | rBV5 | 2828   | 5246    | 0.16%  | 0.023% |
| 93  | 15.244 | 2189 | 2191 | 2194 | rVB4 | 1450   | 1139    | 0.03%  | 0.005% |
| 94  | 15.354 | 2203 | 2209 | 2220 | rBV  | 18897  | 41019   | 1.26%  | 0.183% |
| 95  | 15.476 | 2223 | 2229 | 2234 | rBV  | 13785  | 25441   | 0.78%  | 0.113% |
|     |        |      |      |      |      |        |         |        |        |
| 96  | 15.781 | 2276 | 2279 | 2284 | rVB4 | 3459   | 5638    | 0.17%  | 0.025% |
| 97  | 15.915 | 2299 | 2301 | 2302 | rBV2 | 1177   | 862     | 0.03%  | 0.004% |
| 98  | 16.372 | 2373 | 2376 | 2377 | rBV3 | 682    | 694     | 0.02%  | 0.003% |
| 99  | 16.433 | 2380 | 2386 | 2393 | rVV3 | 4853   | 11533   | 0.35%  | 0.051% |
| 100 | 16.634 | 2413 | 2419 | 2423 | rBV4 | 4998   | 10050   | 0.31%  | 0.045% |

Sum of corrected areas: 22435356

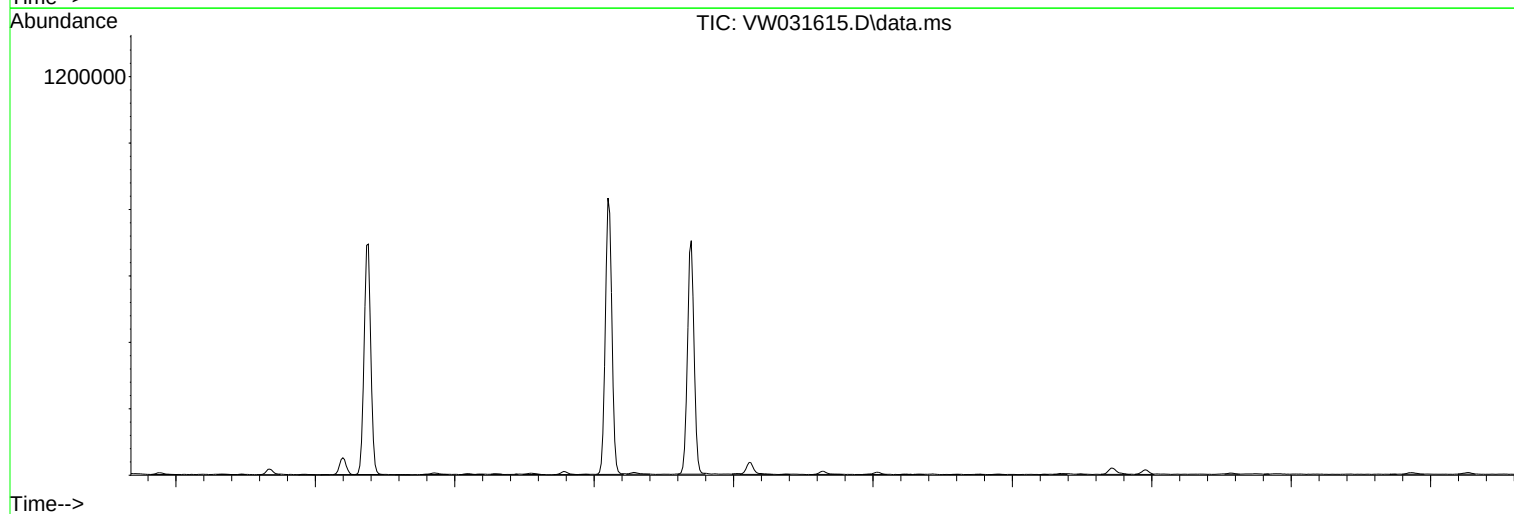
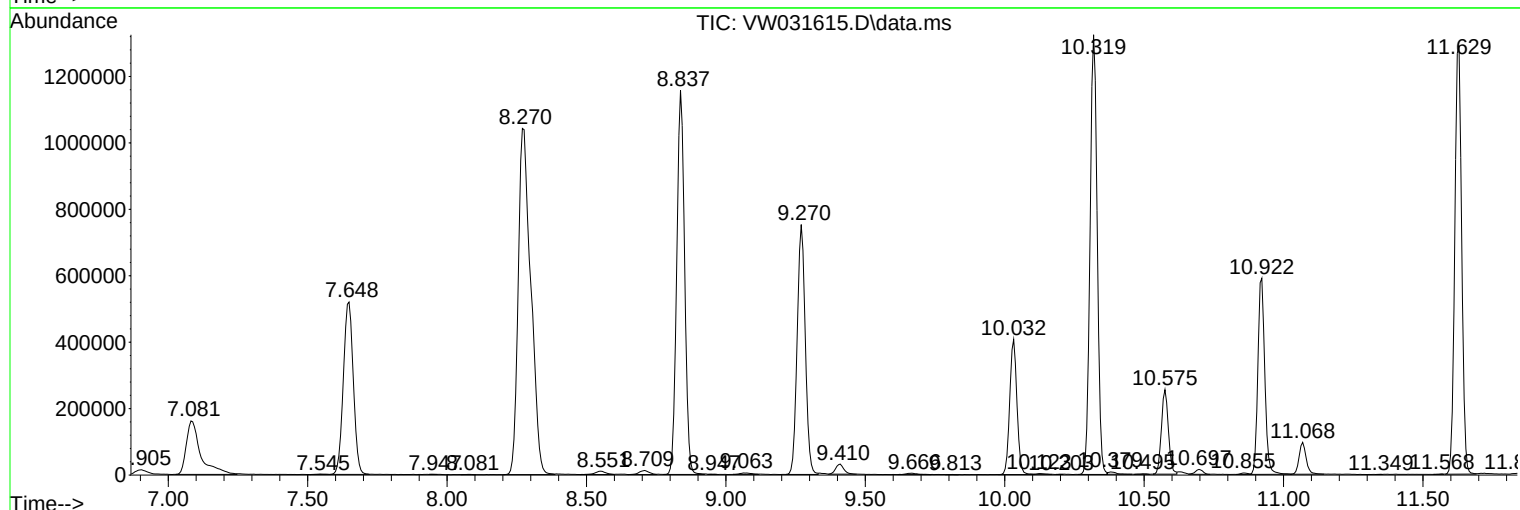
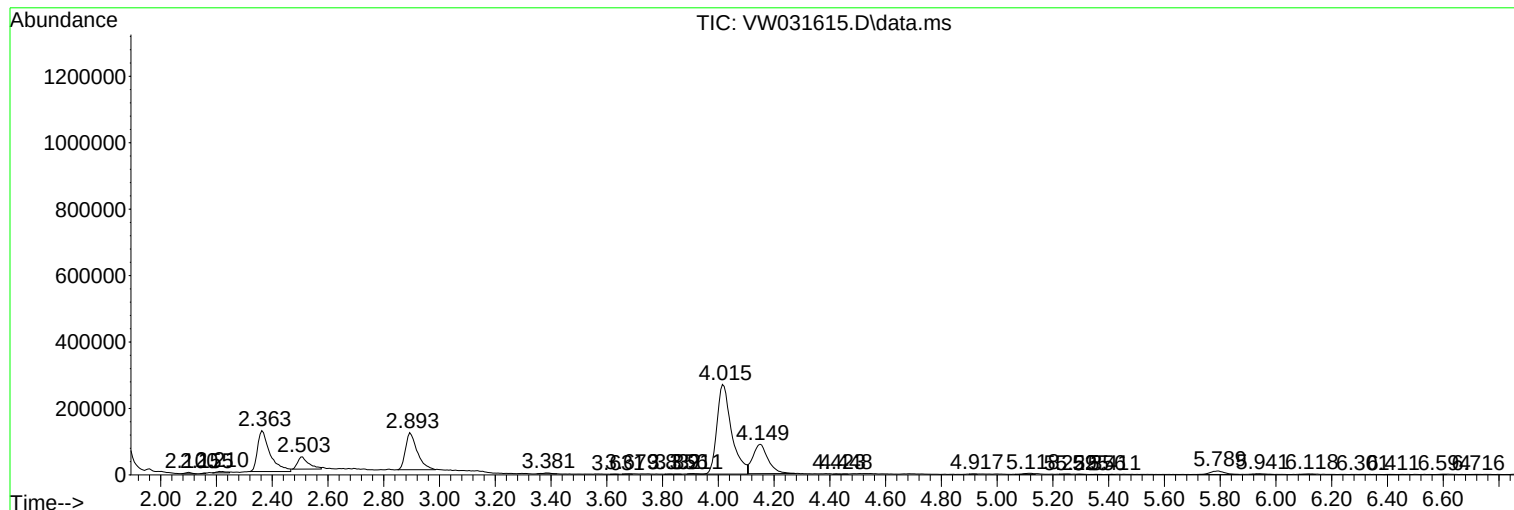
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW012825\  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011025SMA.M  
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

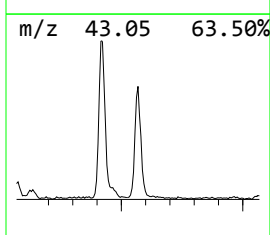
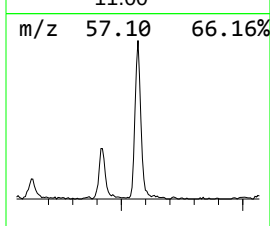
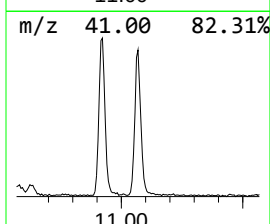
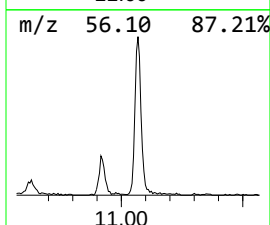
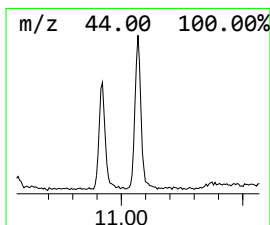
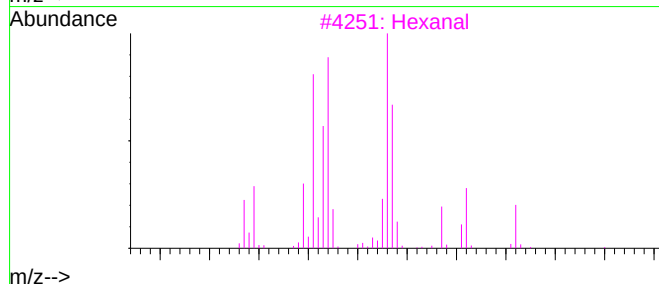
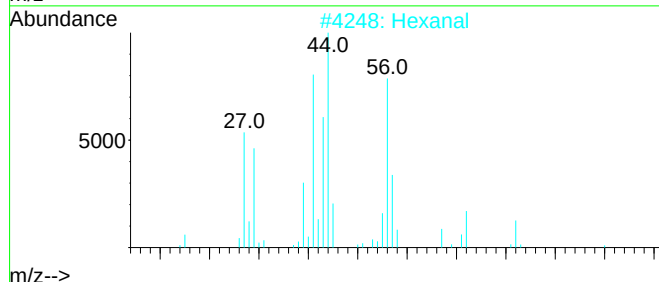
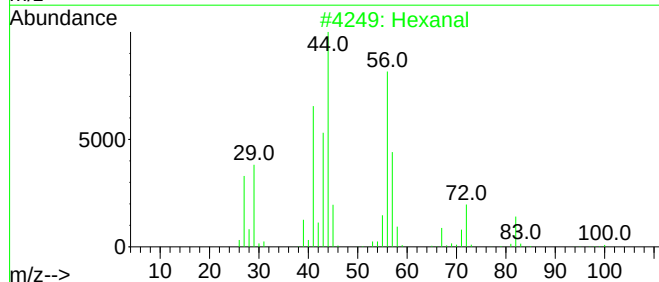
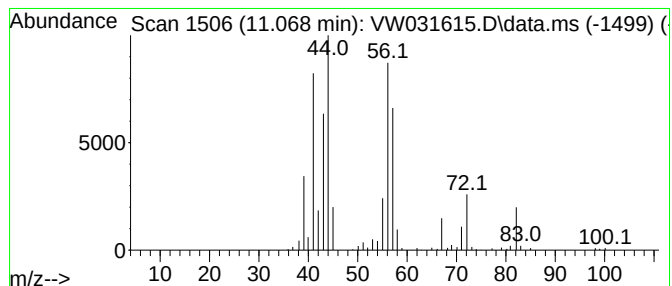
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Hexanal Concentration Rank 2

| R.T.   | EstConc   | Area   | Relative to ISTD | R.T.   |
|--------|-----------|--------|------------------|--------|
| 11.068 | 1.89 ug/L | 167766 | Chlorobenzene-d5 | 11.629 |

| Hit# of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|-----------|--------------|-----|---------|-------------|------|
| 1         | Hexanal      | 100 | C6H12O  | 000066-25-1 | 94   |
| 2         | Hexanal      | 100 | C6H12O  | 000066-25-1 | 90   |
| 3         | Hexanal      | 100 | C6H12O  | 000066-25-1 | 90   |
| 4         | Hexanal      | 100 | C6H12O  | 000066-25-1 | 83   |
| 5         | Hexanal      | 100 | C6H12O  | 000066-25-1 | 72   |



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011025SMA.M  
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 |
| Hexanal          | 11.068 | 1.9     | ug/L  | 167766   | 2                     | 11.629 | 2224700 | 25.0 |