

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051122\  
 Data File : VW022984.D  
 Acq On : 11 May 2022 17:14  
 Operator : SY/VA  
 Sample : N2766-09  
 Misc : 6.69g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW4F9

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\SFAMWLM050222SMA.M  
 Title : SFAM01.0

Signal : TIC: VW022984.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         | 1.965       | 6             | 10          | 21           | rVB      | 47195          | 79259         | 9.41%           | 1.333%        |
| 2         | 2.178       | 41            | 45          | 55           | rBV      | 37713          | 65618         | 7.79%           | 1.104%        |
| 3         | 2.355       | 68            | 74          | 87           | rBV2     | 210702         | 366424        | 43.50%          | 6.163%        |
| 4         | 2.885       | 156           | 161         | 170          | rVB      | 56369          | 123204        | 14.62%          | 2.072%        |
| 5         | 3.025       | 180           | 184         | 194          | rVB      | 65651          | 134168        | 15.93%          | 2.256%        |
| 6         | 3.391       | 235           | 244         | 251          | rBV2     | 39385          | 98681         | 11.71%          | 1.660%        |
| 7         | 3.891       | 323           | 326         | 327          | rBV2     | 1012           | 1027          | 0.12%           | 0.017%        |
| 8         | 3.946       | 333           | 335         | 336          | rBV2     | 1029           | 747           | 0.09%           | 0.013%        |
| 9         | 4.007       | 336           | 345         | 361          | rVV3     | 74926          | 236455        | 28.07%          | 3.977%        |
| 10        | 4.178       | 372           | 373         | 377          | rBV4     | 1330           | 1057          | 0.13%           | 0.018%        |
| 11        | 4.385       | 398           | 407         | 416          | rBV3     | 9599           | 30271         | 3.59%           | 0.509%        |
| 12        | 4.531       | 429           | 431         | 435          | rBV5     | 812            | 1271          | 0.15%           | 0.021%        |
| 13        | 4.580       | 437           | 439         | 442          | rBV3     | 1532           | 1676          | 0.20%           | 0.028%        |
| 14        | 4.611       | 442           | 444         | 446          | rVB2     | 1214           | 808           | 0.10%           | 0.014%        |
| 15        | 4.672       | 452           | 454         | 456          | rBV3     | 881            | 840           | 0.10%           | 0.014%        |
| 16        | 4.757       | 464           | 468         | 472          | rBV6     | 1316           | 1729          | 0.21%           | 0.029%        |
| 17        | 4.903       | 483           | 492         | 493          | rBV4     | 11203          | 20038         | 2.38%           | 0.337%        |
| 18        | 5.135       | 528           | 530         | 532          | rBV3     | 1042           | 814           | 0.10%           | 0.014%        |
| 19        | 5.312       | 556           | 559         | 561          | rBV3     | 703            | 869           | 0.10%           | 0.015%        |
| 20        | 5.330       | 561           | 562         | 564          | rVB2     | 969            | 655           | 0.08%           | 0.011%        |
| 21        | 5.427       | 567           | 578         | 588          | rBV8     | 6315           | 24584         | 2.92%           | 0.413%        |
| 22        | 5.616       | 605           | 609         | 610          | rBV3     | 849            | 1156          | 0.14%           | 0.019%        |
| 23        | 5.659       | 614           | 616         | 618          | rVV2     | 1087           | 913           | 0.11%           | 0.015%        |
| 24        | 5.677       | 618           | 619         | 624          | rVV3     | 884            | 1011          | 0.12%           | 0.017%        |
| 25        | 5.757       | 627           | 632         | 634          | rBV4     | 1509           | 2468          | 0.29%           | 0.042%        |
| 26        | 5.781       | 634           | 636         | 639          | rVV4     | 1336           | 1567          | 0.19%           | 0.026%        |
| 27        | 5.824       | 641           | 643         | 644          | rVV2     | 1198           | 672           | 0.08%           | 0.011%        |
| 28        | 5.940       | 653           | 662         | 672          | rVB3     | 19143          | 58883         | 6.99%           | 0.990%        |
| 29        | 6.037       | 677           | 678         | 682          | rVB4     | 1425           | 1239          | 0.15%           | 0.021%        |
| 30        | 6.110       | 689           | 690         | 691          | rBV      | 963            | 701           | 0.08%           | 0.012%        |
| 31        | 6.214       | 704           | 707         | 709          | rBV3     | 820            | 966           | 0.11%           | 0.016%        |
| 32        | 6.244       | 709           | 712         | 713          | rBV3     | 824            | 682           | 0.08%           | 0.011%        |
| 33        | 6.330       | 724           | 726         | 728          | rBV3     | 1276           | 1109          | 0.13%           | 0.019%        |
| 34        | 6.482       | 749           | 751         | 753          | rBV3     | 753            | 664           | 0.08%           | 0.011%        |
| 35        | 6.555       | 760           | 763         | 765          | rVB4     | 699            | 675           | 0.08%           | 0.011%        |
| 36        | 6.604       | 767           | 771         | 772          | rBV4     | 751            | 909           | 0.11%           | 0.015%        |

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 EW4F9

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\SFAMWLM050222SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 37 | 6.647  | 776  | 778  | 779  | rBV2 | 781    | 578    | 0.07%   | 0.010%  |
| 38 | 6.665  | 779  | 781  | 784  | rVB3 | 805    | 731    | 0.09%   | 0.012%  |
| 39 | 6.708  | 784  | 788  | 792  | rBV5 | 1207   | 2286   | 0.27%   | 0.038%  |
| 40 | 6.750  | 792  | 795  | 798  | rBV5 | 819    | 1014   | 0.12%   | 0.017%  |
| 41 | 6.860  | 811  | 813  | 814  | rBV2 | 1577   | 1295   | 0.15%   | 0.022%  |
| 42 | 6.976  | 823  | 832  | 840  | rBV4 | 11975  | 37179  | 4.41%   | 0.625%  |
| 43 | 7.074  | 840  | 848  | 856  | rBV2 | 31449  | 86188  | 10.23%  | 1.450%  |
| 44 | 7.403  | 900  | 902  | 907  | rBV5 | 593    | 556    | 0.07%   | 0.009%  |
| 45 | 7.445  | 907  | 909  | 911  | rBV3 | 731    | 610    | 0.07%   | 0.010%  |
| 46 | 7.525  | 920  | 922  | 925  | rBV4 | 611    | 977    | 0.12%   | 0.016%  |
| 47 | 7.647  | 931  | 942  | 952  | rBV  | 148671 | 375306 | 44.55%  | 6.312%  |
| 48 | 7.805  | 965  | 968  | 969  | rBV2 | 554    | 670    | 0.08%   | 0.011%  |
| 49 | 7.854  | 975  | 976  | 979  | rBV2 | 951    | 703    | 0.08%   | 0.012%  |
| 50 | 7.945  | 979  | 991  | 1000 | rBV7 | 11121  | 40162  | 4.77%   | 0.675%  |
| 51 | 8.086  | 1012 | 1014 | 1017 | rVB4 | 812    | 692    | 0.08%   | 0.012%  |
| 52 | 8.159  | 1017 | 1026 | 1032 | rBV8 | 6762   | 17236  | 2.05%   | 0.290%  |
| 53 | 8.275  | 1036 | 1045 | 1062 | rVB3 | 248320 | 842437 | 100.00% | 14.168% |
| 54 | 8.689  | 1108 | 1113 | 1122 | rVB4 | 12659  | 26658  | 3.16%   | 0.448%  |
| 55 | 8.841  | 1127 | 1138 | 1153 | rBV  | 254036 | 519771 | 61.70%  | 8.742%  |
| 56 | 8.939  | 1153 | 1154 | 1156 | rBV  | 977    | 571    | 0.07%   | 0.010%  |
| 57 | 9.055  | 1171 | 1173 | 1174 | rBV2 | 951    | 950    | 0.11%   | 0.016%  |
| 58 | 9.195  | 1194 | 1196 | 1199 | rBV4 | 594    | 718    | 0.09%   | 0.012%  |
| 59 | 9.274  | 1199 | 1209 | 1215 | rBV  | 191738 | 405159 | 48.09%  | 6.814%  |
| 60 | 9.512  | 1246 | 1248 | 1254 | rVB5 | 3214   | 4824   | 0.57%   | 0.081%  |
| 61 | 9.890  | 1305 | 1310 | 1314 | rBV6 | 1698   | 3951   | 0.47%   | 0.066%  |
| 62 | 9.945  | 1316 | 1319 | 1324 | rVB5 | 4272   | 7180   | 0.85%   | 0.121%  |
| 63 | 10.030 | 1327 | 1333 | 1341 | rBV  | 73383  | 134098 | 15.92%  | 2.255%  |
| 64 | 10.189 | 1357 | 1359 | 1362 | rBV3 | 670    | 805    | 0.10%   | 0.014%  |
| 65 | 10.323 | 1373 | 1381 | 1387 | rBV  | 269209 | 482681 | 57.30%  | 8.118%  |
| 66 | 10.384 | 1387 | 1391 | 1399 | rVB  | 64011  | 109734 | 13.03%  | 1.846%  |
| 67 | 10.500 | 1407 | 1410 | 1416 | rVB4 | 9843   | 17567  | 2.09%   | 0.295%  |
| 68 | 10.579 | 1417 | 1423 | 1433 | rVV  | 41982  | 75178  | 8.92%   | 1.264%  |
| 69 | 10.920 | 1473 | 1479 | 1487 | rBV  | 112208 | 196831 | 23.36%  | 3.310%  |
| 70 | 11.225 | 1526 | 1529 | 1535 | rVB7 | 3726   | 6758   | 0.80%   | 0.114%  |
| 71 | 11.506 | 1573 | 1575 | 1579 | rVB5 | 1683   | 1681   | 0.20%   | 0.028%  |
| 72 | 11.628 | 1587 | 1595 | 1604 | rBV  | 248309 | 430756 | 51.13%  | 7.245%  |
| 73 | 11.725 | 1607 | 1611 | 1619 | rVB  | 13209  | 23885  | 2.84%   | 0.402%  |
| 74 | 11.835 | 1624 | 1629 | 1636 | rVB2 | 17947  | 32653  | 3.88%   | 0.549%  |
| 75 | 12.164 | 1674 | 1683 | 1689 | rBV3 | 8304   | 18258  | 2.17%   | 0.307%  |
| 76 | 12.463 | 1727 | 1732 | 1736 | rVB3 | 3070   | 4984   | 0.59%   | 0.084%  |

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Instrument :  
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 ClientSampleId :  
 EW4F9

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\SFAMWLM050222SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |       |        |        |        |        |
|-----|--------|------|------|------|-------|--------|--------|--------|--------|
| 77  | 12.505 | 1736 | 1739 | 1740 | rBV3  | 886    | 973    | 0.12%  | 0.016% |
| 78  | 12.603 | 1751 | 1755 | 1761 | rVB6  | 4774   | 8888   | 1.06%  | 0.149% |
| 79  | 12.688 | 1761 | 1769 | 1776 | rBV   | 171984 | 290480 | 34.48% | 4.885% |
| 80  | 12.786 | 1781 | 1785 | 1788 | rVB6  | 2157   | 3257   | 0.39%  | 0.055% |
| 81  | 12.926 | 1806 | 1808 | 1821 | rVB9  | 6890   | 14944  | 1.77%  | 0.251% |
| 82  | 13.018 | 1821 | 1823 | 1827 | rVB5  | 1474   | 1121   | 0.13%  | 0.019% |
| 83  | 13.152 | 1843 | 1845 | 1847 | rBV3  | 1443   | 1470   | 0.17%  | 0.025% |
| 84  | 13.249 | 1857 | 1861 | 1866 | rBV3  | 5135   | 8368   | 0.99%  | 0.141% |
| 85  | 13.554 | 1905 | 1911 | 1918 | rBV   | 124488 | 203513 | 24.16% | 3.423% |
| 86  | 13.847 | 1954 | 1959 | 1967 | rVB   | 121991 | 212256 | 25.20% | 3.570% |
| 87  | 14.005 | 1983 | 1985 | 1986 | rVB2  | 1703   | 866    | 0.10%  | 0.015% |
| 88  | 14.188 | 2013 | 2015 | 2018 | rBV4  | 1107   | 951    | 0.11%  | 0.016% |
| 89  | 14.322 | 2033 | 2037 | 2038 | rBV4  | 2591   | 2547   | 0.30%  | 0.043% |
| 90  | 14.414 | 2051 | 2052 | 2054 | rBV2  | 1300   | 1142   | 0.14%  | 0.019% |
| 91  | 14.450 | 2057 | 2058 | 2063 | rVB5  | 1699   | 1694   | 0.20%  | 0.028% |
| 92  | 14.682 | 2093 | 2096 | 2097 | rBV2  | 1272   | 1345   | 0.16%  | 0.023% |
| 93  | 14.926 | 2135 | 2136 | 2139 | rVB2  | 1140   | 676    | 0.08%  | 0.011% |
| 94  | 14.968 | 2141 | 2143 | 2145 | rBV3  | 1267   | 895    | 0.11%  | 0.015% |
| 95  | 15.176 | 2175 | 2177 | 2179 | rBV2  | 1536   | 1524   | 0.18%  | 0.026% |
| 96  | 15.316 | 2198 | 2200 | 2203 | rBV4  | 1668   | 1460   | 0.17%  | 0.025% |
| 97  | 15.944 | 2300 | 2303 | 2311 | rVB10 | 1995   | 5117   | 0.61%  | 0.086% |
| 98  | 16.011 | 2311 | 2314 | 2316 | rBV3  | 1453   | 1962   | 0.23%  | 0.033% |
| 99  | 16.157 | 2336 | 2338 | 2340 | rBV3  | 1125   | 1192   | 0.14%  | 0.020% |
| 100 | 16.627 | 2414 | 2415 | 2418 | rBV3  | 1181   | 1185   | 0.14%  | 0.020% |

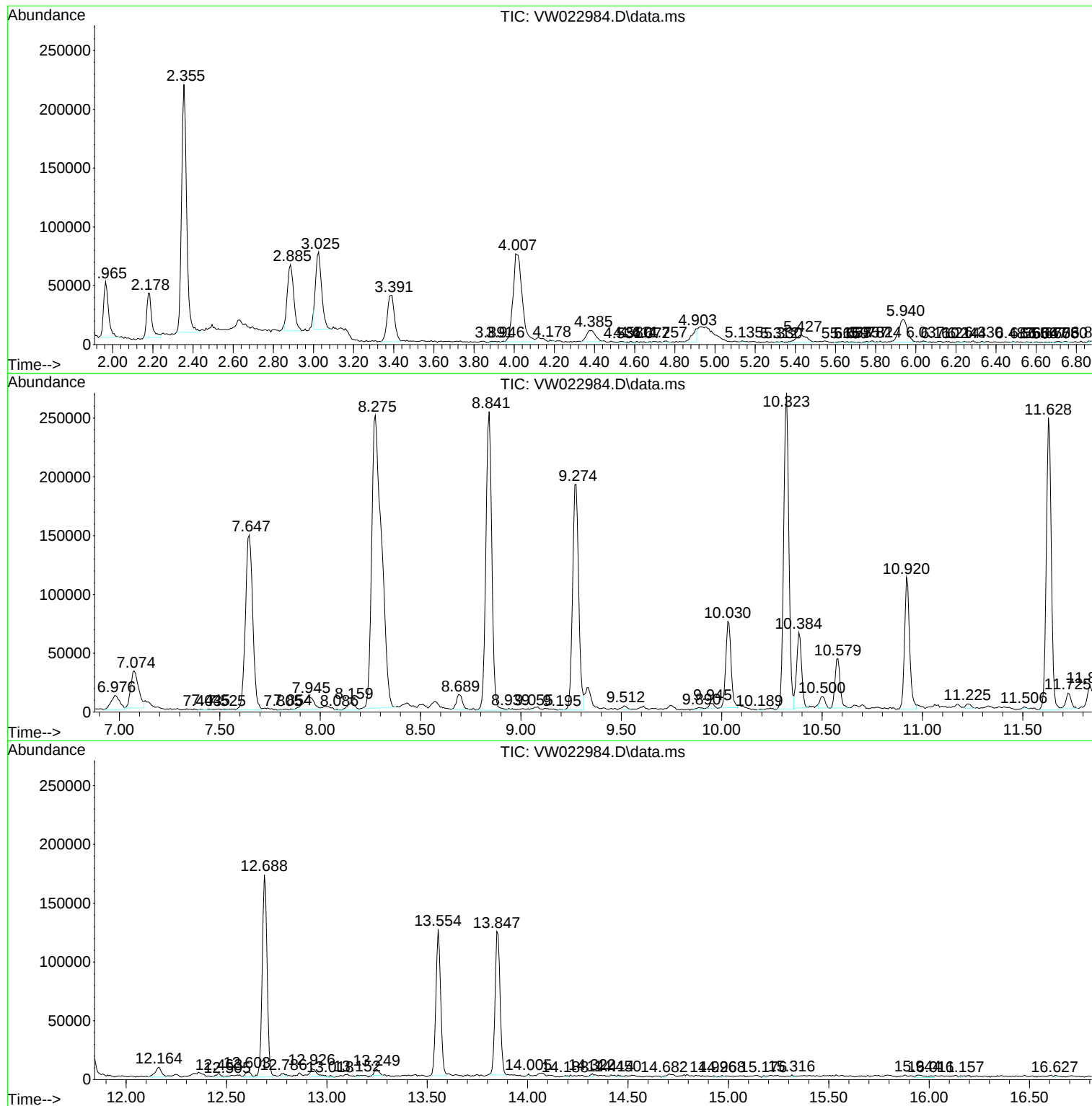
Sum of corrected areas: 5945907

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Instrument :  
MSVOA\_W  
ClientSampleId :  
EW4F9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051122\  
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Instrument :  
MSVOA\_W  
ClientSampleId :  
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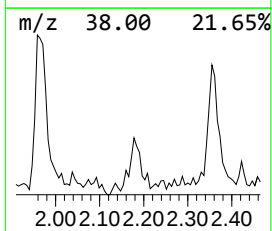
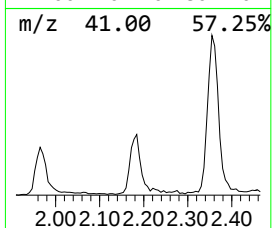
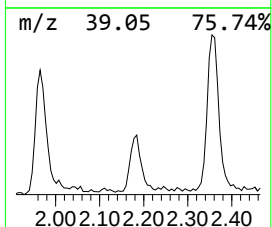
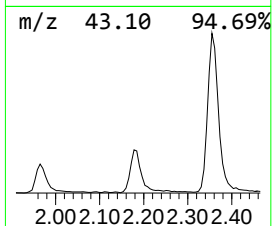
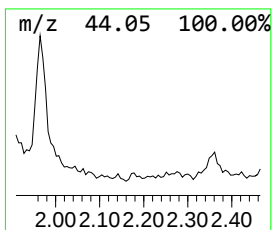
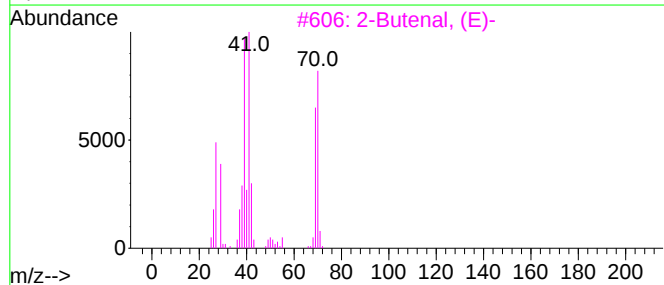
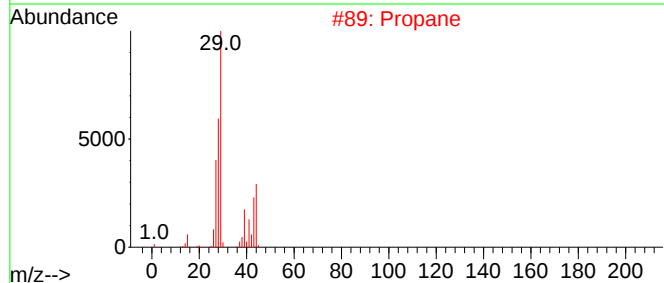
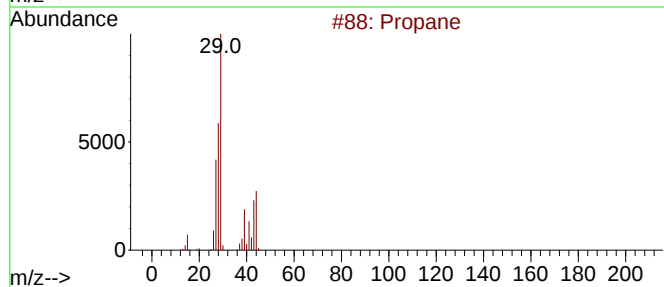
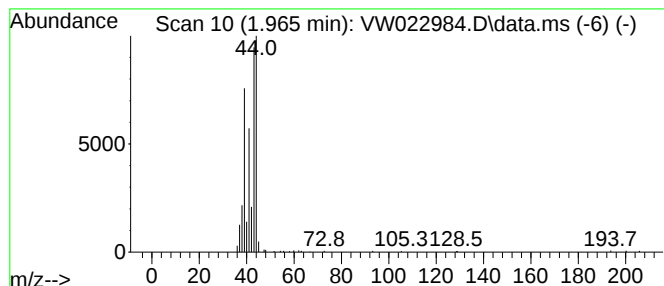
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
Quant Title : SFAM01.0

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.  |
|-------|-----------|-------|---------------------|-------|
| 1.965 | 3.81 ug/L | 79259 | 1,4-Difluorobenzene | 8.841 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Propane                             | 44  | C3H8       | 000074-98-6  | 90   |
| 2    |    |   | Propane                             | 44  | C3H8       | 000074-98-6  | 83   |
| 3    |    |   | 2-Butenal, (E)-                     | 70  | C4H6O      | 000123-73-9  | 64   |
| 4    |    |   | Imidazol-5(2H)-one, 4-amino-2-(2... | 196 | C7H8N4O3   | 318259-17-5  | 50   |
| 5    |    |   | Furan-2-carbohydrazide, N2-(1-me... | 222 | C12H18N2O2 | 1000263-13-0 | 50   |



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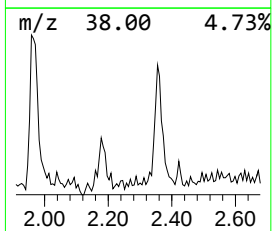
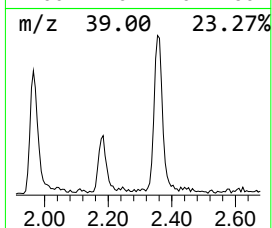
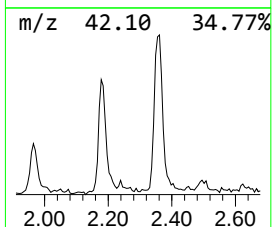
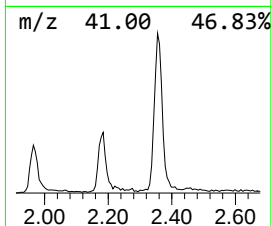
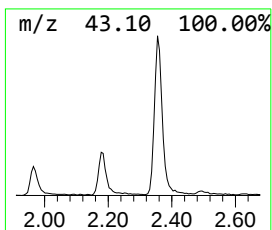
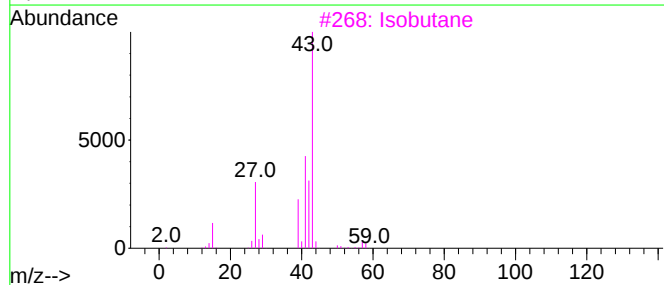
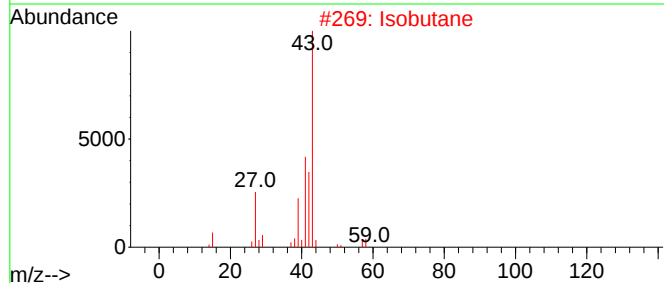
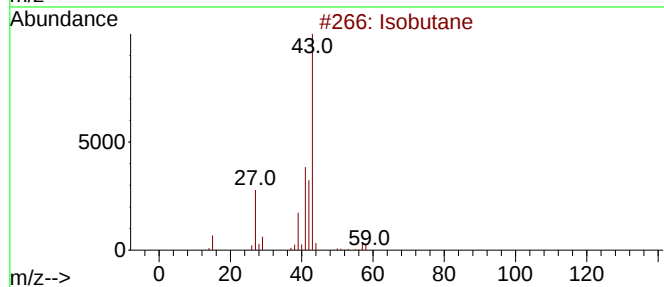
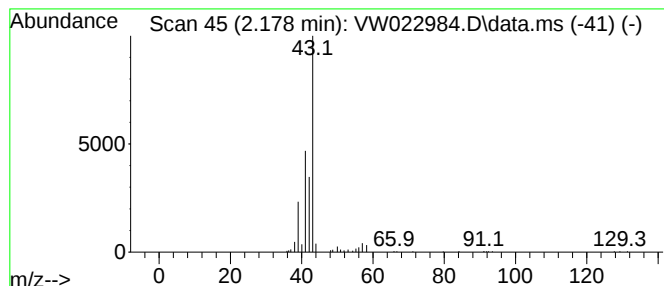
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 2.178 | 3.16 ug/L | 65618 | 1,4-Difluorobenzene | 8.841 |

| Hit# | of 5 | Tentative ID             | MW | MolForm | CAS#        | Qual |
|------|------|--------------------------|----|---------|-------------|------|
| 1    |      | Isobutane                | 58 | C4H10   | 000075-28-5 | 64   |
| 2    |      | Isobutane                | 58 | C4H10   | 000075-28-5 | 64   |
| 3    |      | Isobutane                | 58 | C4H10   | 000075-28-5 | 64   |
| 4    |      | Isobutane                | 58 | C4H10   | 000075-28-5 | 64   |
| 5    |      | Ethanone, 1-cyclopropyl- | 84 | C5H8O   | 000765-43-5 | 28   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051122\  
Data File : VW022984.D  
Acq On : 11 May 2022 17:14  
Operator : SY/VA  
Sample : N2766-09  
Misc : 6.69g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EW4F9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
Quant Title : SFAM01.0

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

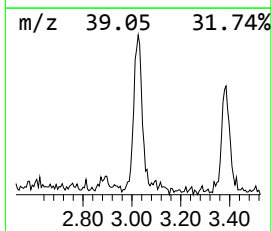
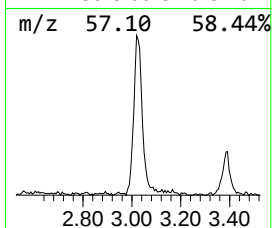
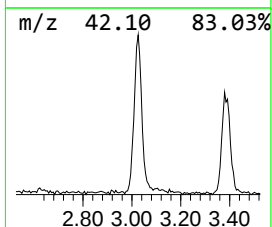
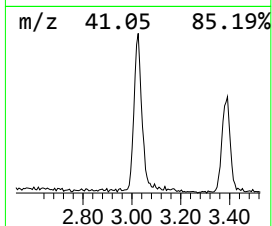
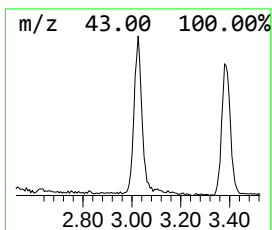
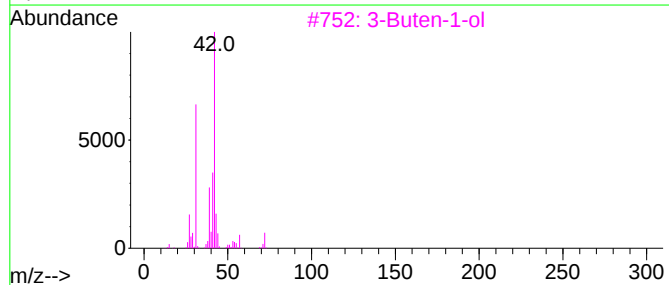
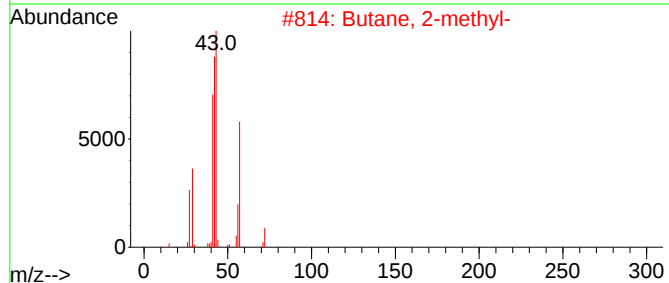
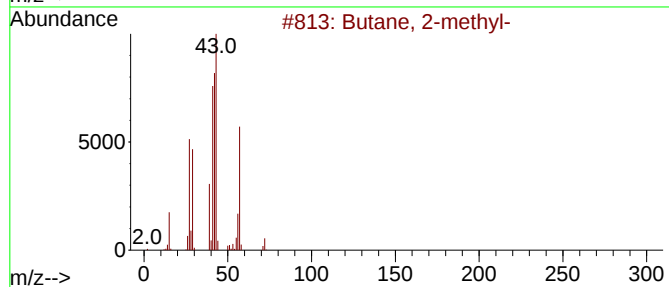
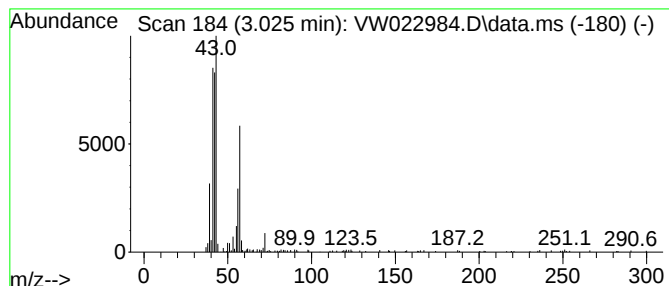
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 3.025 | 6.45 ug/L | 134168 | 1,4-Difluorobenzene | 8.841 |

| Hit# | of 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------------------|-----|---------|-------------|------|
| 1    |      | Butane, 2-methyl-                 | 72  | C5H12   | 000078-78-4 | 80   |
| 2    |      | Butane, 2-methyl-                 | 72  | C5H12   | 000078-78-4 | 72   |
| 3    |      | 3-Buten-1-ol                      | 72  | C4H8O   | 000627-27-0 | 43   |
| 4    |      | 1-Propanol, 2-methyl-             | 74  | C4H10O  | 000078-83-1 | 38   |
| 5    |      | 2(3H)-Furanone, dihydro-4-methyl- | 100 | C5H8O2  | 001679-49-8 | 38   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051122\  
Data File : VW022984.D  
Acq On : 11 May 2022 17:14  
Operator : SY/VA  
Sample : N2766-09  
Misc : 6.69g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EW4F9

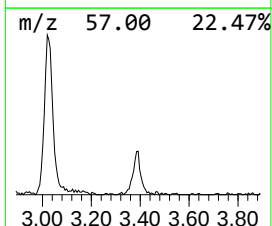
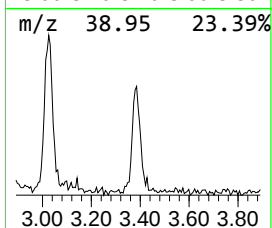
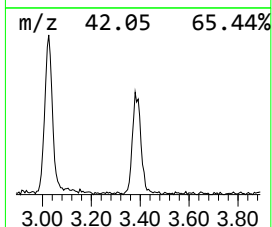
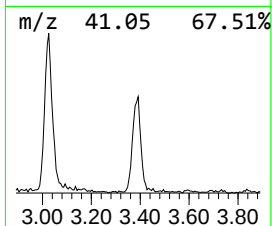
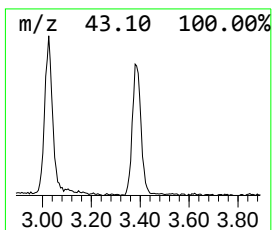
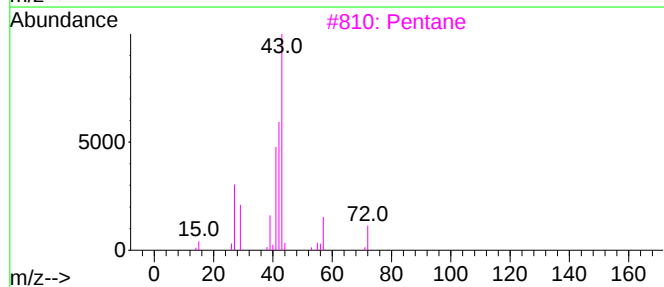
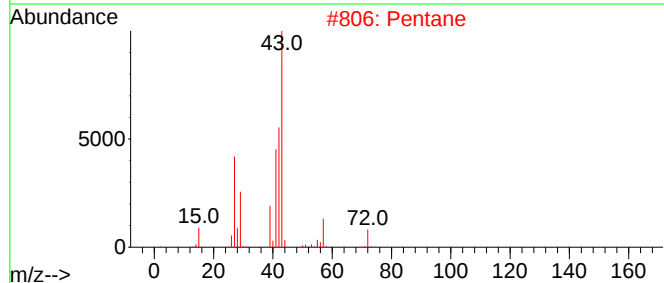
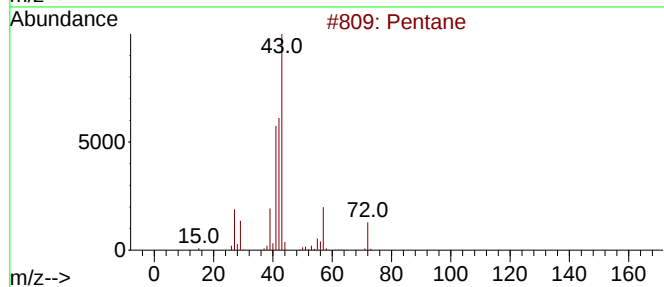
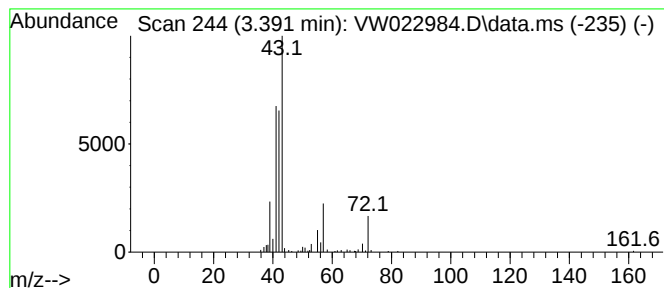
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Quant Title : SFAM01.0

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

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 3.391 | 4.75 ug/L | 98681 | 1,4-Difluorobenzene | 8.841 |

| Hit# | of      | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|---------|---|--------------|----|---------|-------------|------|
| 1    | Pentane |   |              | 72 | C5H12   | 000109-66-0 | 80   |
| 2    | Pentane |   |              | 72 | C5H12   | 000109-66-0 | 78   |
| 3    | Pentane |   |              | 72 | C5H12   | 000109-66-0 | 72   |
| 4    | Pentane |   |              | 72 | C5H12   | 000109-66-0 | 64   |
| 5    | Pentane |   |              | 72 | C5H12   | 000109-66-0 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051122\  
Data File : VW022984.D  
Acq On : 11 May 2022 17:14  
Operator : SY/VA  
Sample : N2766-09  
Misc : 6.69g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EW4F9

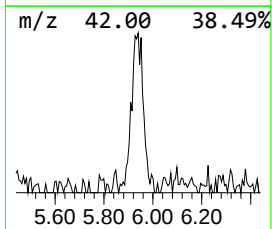
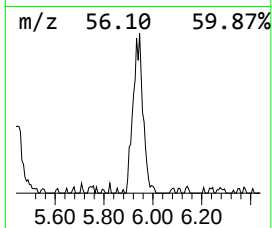
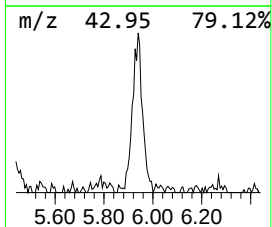
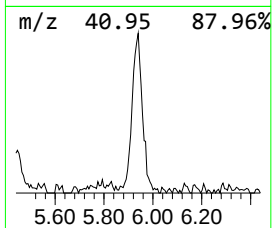
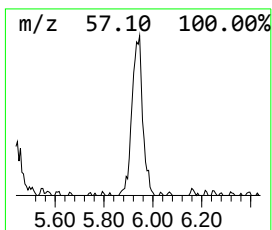
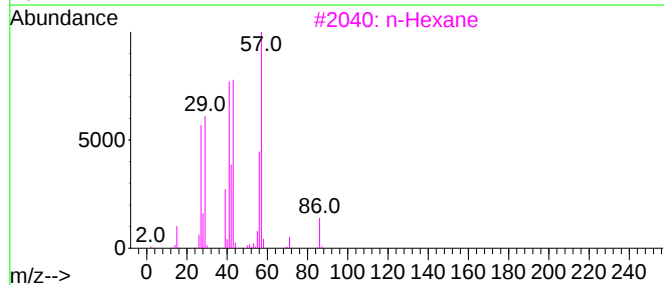
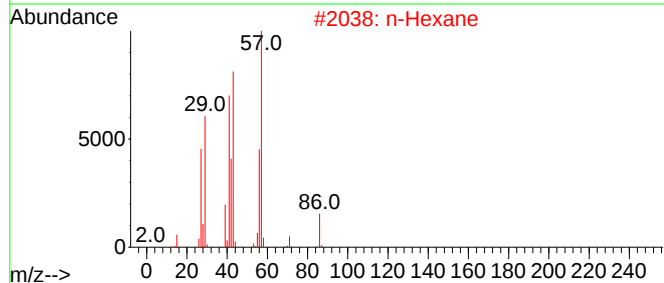
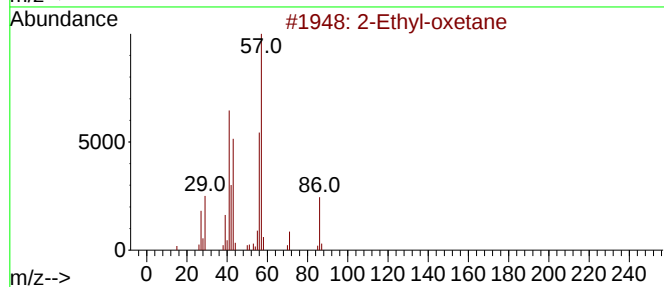
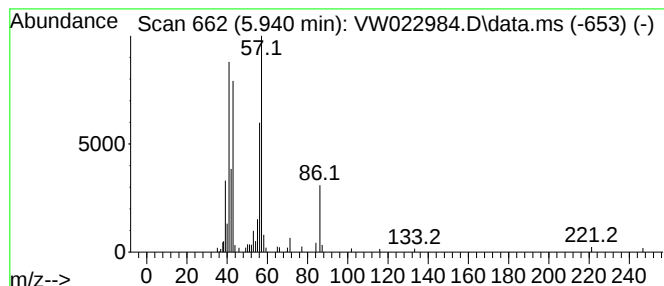
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Quant Title : SFAM01.0

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

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Peak Number 5 2-Ethyl-oxetane Concentration Rank 6

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 5.940 | 2.83 ug/L | 58883 | 1,4-Difluorobenzene | 8.841 |

| Hit# | of | 5 | Tentative ID    | MW | MolForm | CAS#         | Qual |
|------|----|---|-----------------|----|---------|--------------|------|
| 1    |    |   | 2-Ethyl-oxetane | 86 | C5H10O  | 1010386-40-2 | 72   |
| 2    |    |   | n-Hexane        | 86 | C6H14   | 000110-54-3  | 59   |
| 3    |    |   | n-Hexane        | 86 | C6H14   | 000110-54-3  | 59   |
| 4    |    |   | n-Hexane        | 86 | C6H14   | 000110-54-3  | 58   |
| 5    |    |   | n-Hexane        | 86 | C6H14   | 000110-54-3  | 45   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051122\  
Data File : VW022984.D  
Acq On : 11 May 2022 17:14  
Operator : SY/VA  
Sample : N2766-09  
Misc : 6.69g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EW4F9

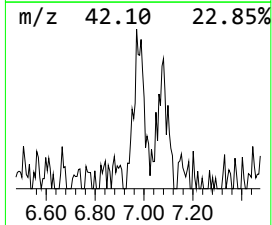
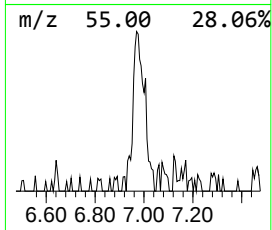
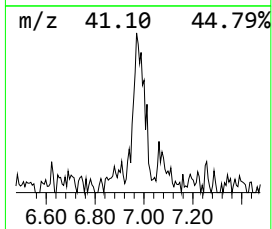
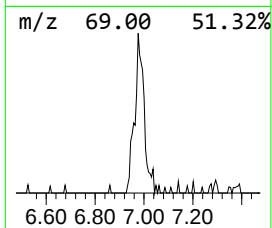
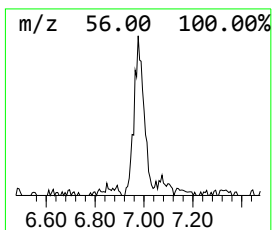
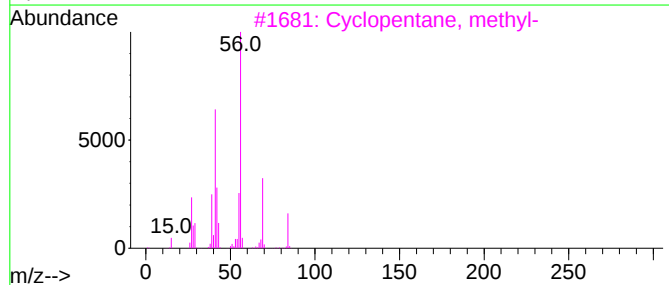
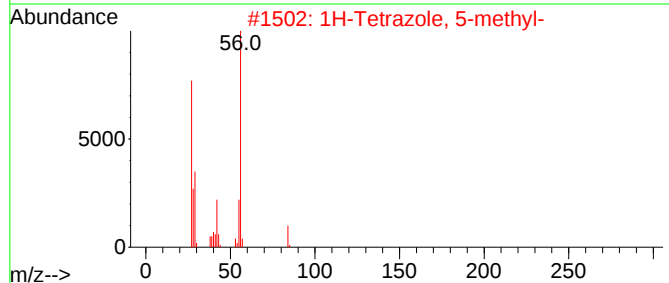
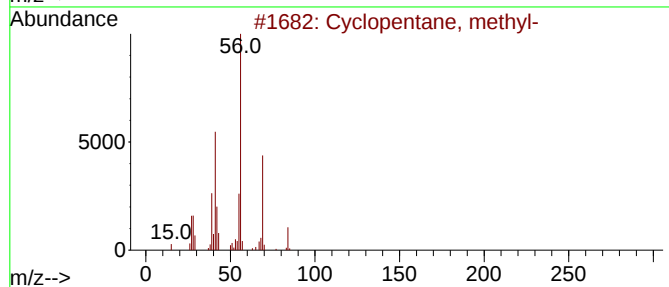
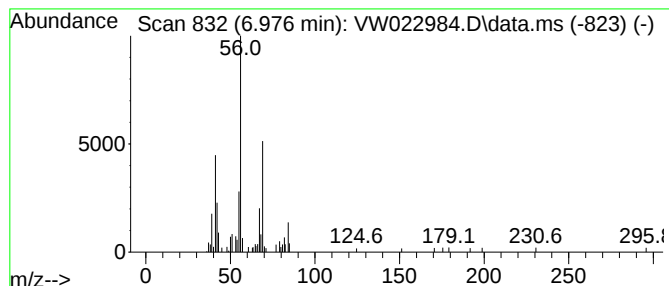
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Quant Title : SFAM01.0

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

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Peak Number 6 (DEL) Alkane: Cyclic6.976 Concentration Rank 7

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 6.976 | 1.79 ug/L | 37179 | 1,4-Difluorobenzene | 8.841 |

| Hit# | of | 5 | Tentative ID            | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|----|---------|-------------|------|
| 1    |    |   | Cyclopentane, methyl-   | 84 | C6H12   | 000096-37-7 | 76   |
| 2    |    |   | 1H-Tetrazole, 5-methyl- | 84 | C2H4N4  | 004076-36-2 | 64   |
| 3    |    |   | Cyclopentane, methyl-   | 84 | C6H12   | 000096-37-7 | 64   |
| 4    |    |   | Cyclopentane, methyl-   | 84 | C6H12   | 000096-37-7 | 59   |
| 5    |    |   | Cyclohexane             | 84 | C6H12   | 000110-82-7 | 59   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051122\  
Data File : VW022984.D  
Acq On : 11 May 2022 17:14  
Operator : SY/VA  
Sample : N2766-09  
Misc : 6.69g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EW4F9

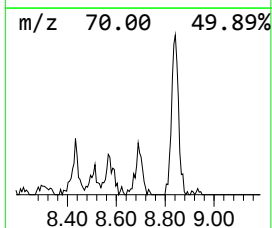
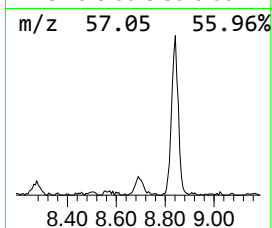
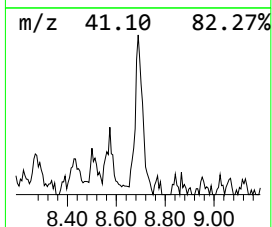
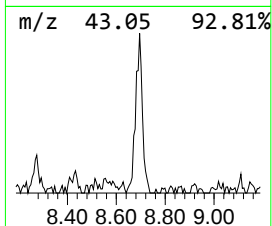
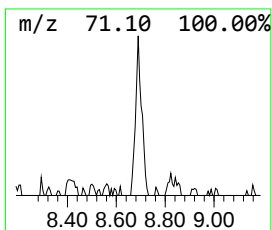
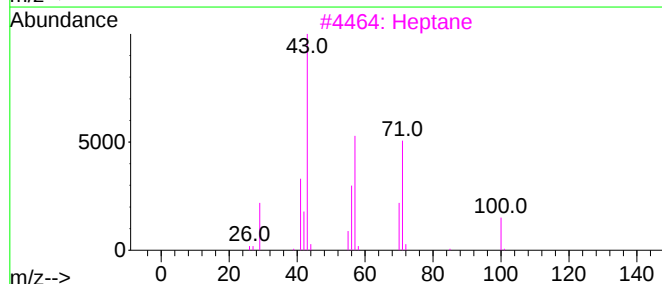
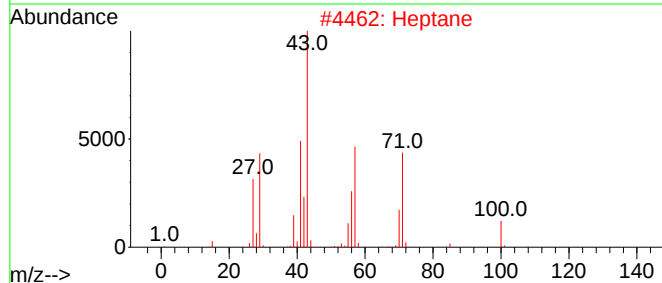
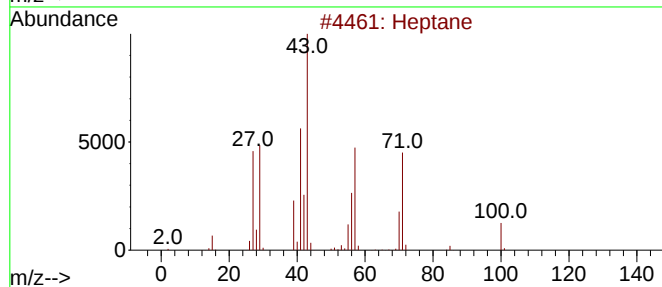
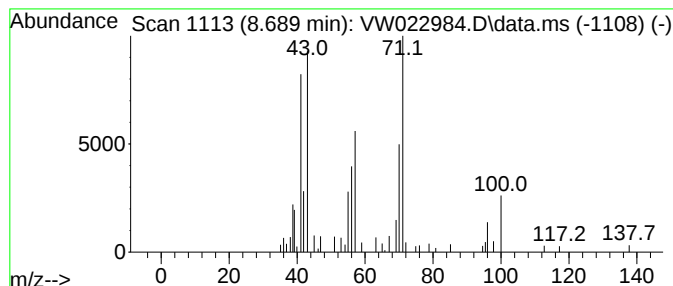
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Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 8.689 | 1.28 ug/L | 26658 | 1,4-Difluorobenzene | 8.841 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------|-----|----------|-------------|------|
| 1    |    |   | Heptane                       | 100 | C7H16    | 000142-82-5 | 50   |
| 2    |    |   | Heptane                       | 100 | C7H16    | 000142-82-5 | 50   |
| 3    |    |   | Heptane                       | 100 | C7H16    | 000142-82-5 | 43   |
| 4    |    |   | Hexane, 3-methyl-             | 100 | C7H16    | 000589-34-4 | 38   |
| 5    |    |   | Carbonic acid, dipentyl ester | 202 | C11H22O3 | 002050-94-4 | 38   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051122\  
Data File : VW022984.D  
Acq On : 11 May 2022 17:14  
Operator : SY/VA  
Sample : N2766-09  
Misc : 6.69g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EW4F9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

|                    |       |         |       |          |   | --Internal Standard-- |        |      |  |
|--------------------|-------|---------|-------|----------|---|-----------------------|--------|------|--|
| TIC Top Hit name   | RT    | EstConc | Units | Response | # | RT                    | Resp   | Conc |  |
| (DEL) Alkane: S... | 1.965 | 3.8     | ug/L  | 79259    | 1 | 8.841                 | 519771 | 25.0 |  |
| (DEL) Alkane: S... | 2.178 | 3.2     | ug/L  | 65618    | 1 | 8.841                 | 519771 | 25.0 |  |
| (DEL) Alkane: S... | 3.025 | 6.5     | ug/L  | 134168   | 1 | 8.841                 | 519771 | 25.0 |  |
| (DEL) Alkane: S... | 3.391 | 4.8     | ug/L  | 98681    | 1 | 8.841                 | 519771 | 25.0 |  |
| 2-Ethyl-oxetane    | 5.940 | 2.8     | ug/L  | 58883    | 1 | 8.841                 | 519771 | 25.0 |  |
| (DEL) Alkane: C... | 6.976 | 1.8     | ug/L  | 37179    | 1 | 8.841                 | 519771 | 25.0 |  |
| (DEL) Alkane: S... | 8.689 | 1.3     | ug/L  | 26658    | 1 | 8.841                 | 519771 | 25.0 |  |