

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092221\  
 Data File : VW020120.D  
 Acq On : 22 Sep 2021 20:54  
 Operator : SY/VA  
 Sample : M3837-04RE  
 Misc : 4.71g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW7T4RE

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\SFAMWLM092121SMA.M  
 Title : SFAM01.0

Signal : TIC: VW020120.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         | 2.355       | 70            | 74          | 82           | rVB      | 25016          | 42683         | 21.38%          | 3.034%        |
| 2         | 2.892       | 156           | 162         | 170          | rVB      | 20247          | 41750         | 20.91%          | 2.967%        |
| 3         | 3.434       | 247           | 251         | 254          | rBV2     | 235            | 324           | 0.16%           | 0.023%        |
| 4         | 3.617       | 278           | 281         | 282          | rBV      | 235            | 214           | 0.11%           | 0.015%        |
| 5         | 3.678       | 290           | 291         | 295          | rBV2     | 187            | 217           | 0.11%           | 0.015%        |
| 6         | 4.025       | 339           | 348         | 359          | rVB      | 27786          | 73333         | 36.73%          | 5.212%        |
| 7         | 4.263       | 384           | 387         | 389          | rVB2     | 233            | 221           | 0.11%           | 0.016%        |
| 8         | 4.300       | 391           | 393         | 396          | rVB2     | 136            | 147           | 0.07%           | 0.010%        |
| 9         | 4.440       | 414           | 416         | 419          | rVB      | 195            | 215           | 0.11%           | 0.015%        |
| 10        | 4.477       | 419           | 422         | 424          | rBV      | 184            | 183           | 0.09%           | 0.013%        |
| 11        | 4.611       | 441           | 444         | 445          | rBV      | 217            | 167           | 0.08%           | 0.012%        |
| 12        | 4.696       | 456           | 458         | 459          | rVB      | 204            | 145           | 0.07%           | 0.010%        |
| 13        | 4.708       | 459           | 460         | 464          | rBV      | 160            | 172           | 0.09%           | 0.012%        |
| 14        | 4.818       | 477           | 478         | 481          | rVB2     | 255            | 216           | 0.11%           | 0.015%        |
| 15        | 4.928       | 485           | 496         | 509          | rVB2     | 10373          | 31484         | 15.77%          | 2.238%        |
| 16        | 5.098       | 523           | 524         | 527          | rVB2     | 194            | 166           | 0.08%           | 0.012%        |
| 17        | 5.159       | 532           | 534         | 537          | rVB2     | 158            | 165           | 0.08%           | 0.012%        |
| 18        | 5.220       | 540           | 544         | 545          | rBV2     | 165            | 202           | 0.10%           | 0.014%        |
| 19        | 5.257       | 548           | 550         | 553          | rBV      | 144            | 154           | 0.08%           | 0.011%        |
| 20        | 5.403       | 571           | 574         | 575          | rBV2     | 163            | 175           | 0.09%           | 0.012%        |
| 21        | 5.470       | 581           | 585         | 588          | rBV2     | 190            | 235           | 0.12%           | 0.017%        |
| 22        | 5.726       | 623           | 627         | 628          | rBV2     | 192            | 247           | 0.12%           | 0.018%        |
| 23        | 5.952       | 653           | 664         | 674          | rVB3     | 5729           | 16292         | 8.16%           | 1.158%        |
| 24        | 6.025       | 674           | 676         | 678          | rBV2     | 179            | 198           | 0.10%           | 0.014%        |
| 25        | 6.226       | 707           | 709         | 712          | rBV      | 151            | 145           | 0.07%           | 0.010%        |
| 26        | 6.281       | 715           | 718         | 721          | rVB2     | 262            | 360           | 0.18%           | 0.026%        |
| 27        | 6.312       | 721           | 723         | 726          | rBV2     | 234            | 213           | 0.11%           | 0.015%        |
| 28        | 6.610       | 771           | 772         | 776          | rVB2     | 190            | 166           | 0.08%           | 0.012%        |
| 29        | 6.708       | 786           | 788         | 792          | rVB      | 206            | 229           | 0.11%           | 0.016%        |
| 30        | 6.842       | 808           | 810         | 815          | rVV2     | 117            | 174           | 0.09%           | 0.012%        |
| 31        | 7.086       | 843           | 850         | 858          | rBV2     | 5053           | 15617         | 7.82%           | 1.110%        |
| 32        | 7.214       | 869           | 871         | 873          | rBV      | 235            | 170           | 0.09%           | 0.012%        |
| 33        | 7.488       | 915           | 916         | 920          | rBV2     | 140            | 185           | 0.09%           | 0.013%        |
| 34        | 7.653       | 934           | 943         | 954          | rVB2     | 37354          | 93260         | 46.71%          | 6.629%        |
| 35        | 7.811       | 966           | 969         | 972          | rBV2     | 210            | 180           | 0.09%           | 0.013%        |
| 36        | 8.031       | 1003          | 1005        | 1010         | rVV2     | 196            | 210           | 0.11%           | 0.015%        |

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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\SFAMWLM092121SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |       |        |         |         |
|----|--------|------|------|------|------|-------|--------|---------|---------|
| 37 | 8.080  | 1012 | 1013 | 1017 | rVV2 | 206   | 189    | 0.09%   | 0.013%  |
| 38 | 8.281  | 1037 | 1046 | 1060 | rVB2 | 64394 | 199669 | 100.00% | 14.192% |
| 39 | 8.384  | 1060 | 1063 | 1066 | rBV  | 149   | 234    | 0.12%   | 0.017%  |
| 40 | 8.506  | 1081 | 1083 | 1085 | rVB  | 215   | 139    | 0.07%   | 0.010%  |
| 41 | 8.525  | 1085 | 1086 | 1090 | rBV2 | 157   | 154    | 0.08%   | 0.011%  |
| 42 | 8.689  | 1111 | 1113 | 1115 | rVV2 | 200   | 193    | 0.10%   | 0.014%  |
| 43 | 8.848  | 1131 | 1139 | 1150 | rBV  | 57510 | 115503 | 57.85%  | 8.210%  |
| 44 | 9.018  | 1164 | 1167 | 1168 | rBV  | 260   | 180    | 0.09%   | 0.013%  |
| 45 | 9.092  | 1176 | 1179 | 1185 | rBV4 | 792   | 1371   | 0.69%   | 0.097%  |
| 46 | 9.207  | 1197 | 1198 | 1201 | rVB  | 263   | 160    | 0.08%   | 0.011%  |
| 47 | 9.281  | 1202 | 1210 | 1220 | rVB  | 48396 | 99273  | 49.72%  | 7.056%  |
| 48 | 9.354  | 1220 | 1222 | 1224 | rBV  | 151   | 169    | 0.08%   | 0.012%  |
| 49 | 9.409  | 1228 | 1231 | 1233 | rVB2 | 170   | 173    | 0.09%   | 0.012%  |
| 50 | 9.573  | 1256 | 1258 | 1260 | rBV  | 162   | 176    | 0.09%   | 0.013%  |
| 51 | 9.890  | 1307 | 1310 | 1312 | rVB2 | 251   | 217    | 0.11%   | 0.015%  |
| 52 | 9.939  | 1316 | 1318 | 1320 | rVB2 | 223   | 156    | 0.08%   | 0.011%  |
| 53 | 9.957  | 1320 | 1321 | 1324 | rBV2 | 189   | 188    | 0.09%   | 0.013%  |
| 54 | 10.037 | 1327 | 1334 | 1344 | rBV3 | 20535 | 38315  | 19.19%  | 2.723%  |
| 55 | 10.177 | 1355 | 1357 | 1358 | rBV2 | 180   | 152    | 0.08%   | 0.011%  |
| 56 | 10.329 | 1374 | 1382 | 1389 | rBV  | 74613 | 133358 | 66.79%  | 9.479%  |
| 57 | 10.457 | 1401 | 1403 | 1404 | rVB2 | 256   | 154    | 0.08%   | 0.011%  |
| 58 | 10.482 | 1404 | 1407 | 1409 | rBV2 | 237   | 346    | 0.17%   | 0.025%  |
| 59 | 10.579 | 1417 | 1423 | 1432 | rVB  | 14566 | 25585  | 12.81%  | 1.818%  |
| 60 | 10.701 | 1437 | 1443 | 1450 | rVB2 | 2013  | 3675   | 1.84%   | 0.261%  |
| 61 | 10.805 | 1458 | 1460 | 1464 | rVB  | 156   | 155    | 0.08%   | 0.011%  |
| 62 | 10.866 | 1464 | 1470 | 1475 | rBV2 | 6035  | 10400  | 5.21%   | 0.739%  |
| 63 | 10.927 | 1475 | 1480 | 1489 | rVB  | 18667 | 32310  | 16.18%  | 2.296%  |
| 64 | 11.073 | 1501 | 1504 | 1507 | rBV2 | 266   | 293    | 0.15%   | 0.021%  |
| 65 | 11.488 | 1570 | 1572 | 1575 | rBV  | 239   | 240    | 0.12%   | 0.017%  |
| 66 | 11.634 | 1588 | 1596 | 1607 | rBV  | 85769 | 142572 | 71.40%  | 10.134% |
| 67 | 11.786 | 1619 | 1621 | 1624 | rBV  | 182   | 141    | 0.07%   | 0.010%  |
| 68 | 11.829 | 1624 | 1628 | 1631 | rBV2 | 380   | 586    | 0.29%   | 0.042%  |
| 69 | 11.884 | 1634 | 1637 | 1640 | rBV2 | 171   | 286    | 0.14%   | 0.020%  |
| 70 | 11.945 | 1645 | 1647 | 1650 | rVB2 | 207   | 222    | 0.11%   | 0.016%  |
| 71 | 11.975 | 1650 | 1652 | 1655 | rBV2 | 182   | 143    | 0.07%   | 0.010%  |
| 72 | 12.164 | 1679 | 1683 | 1686 | rVB2 | 254   | 309    | 0.15%   | 0.022%  |
| 73 | 12.207 | 1688 | 1690 | 1692 | rVB2 | 150   | 141    | 0.07%   | 0.010%  |
| 74 | 12.274 | 1698 | 1701 | 1702 | rBV  | 166   | 165    | 0.08%   | 0.012%  |
| 75 | 12.378 | 1714 | 1718 | 1720 | rVB2 | 197   | 274    | 0.14%   | 0.019%  |
| 76 | 12.609 | 1750 | 1756 | 1761 | rVV2 | 1880  | 3058   | 1.53%   | 0.217%  |

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 MSVOA\_W  
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 EW7T4RE

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\SFAMWLM092121SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |       |        |        |        |
|-----|--------|------|------|------|------|-------|--------|--------|--------|
| 77  | 12.695 | 1763 | 1770 | 1777 | rVB  | 41750 | 69739  | 34.93% | 4.957% |
| 78  | 12.762 | 1777 | 1781 | 1786 | rBV2 | 299   | 490    | 0.25%  | 0.035% |
| 79  | 12.975 | 1815 | 1816 | 1819 | rVB2 | 206   | 183    | 0.09%  | 0.013% |
| 80  | 13.006 | 1819 | 1821 | 1824 | rBV  | 221   | 199    | 0.10%  | 0.014% |
| 81  | 13.030 | 1824 | 1825 | 1828 | rBV2 | 200   | 175    | 0.09%  | 0.012% |
| 82  | 13.085 | 1831 | 1834 | 1836 | rBV  | 207   | 253    | 0.13%  | 0.018% |
| 83  | 13.158 | 1843 | 1846 | 1848 | rBV  | 268   | 260    | 0.13%  | 0.018% |
| 84  | 13.268 | 1863 | 1864 | 1866 | rBV  | 248   | 183    | 0.09%  | 0.013% |
| 85  | 13.402 | 1883 | 1886 | 1887 | rBV  | 226   | 227    | 0.11%  | 0.016% |
| 86  | 13.560 | 1905 | 1912 | 1924 | rVB  | 61435 | 101305 | 50.74% | 7.200% |
| 87  | 13.640 | 1924 | 1925 | 1930 | rBV3 | 171   | 268    | 0.13%  | 0.019% |
| 88  | 13.853 | 1953 | 1960 | 1967 | rBV  | 57107 | 95700  | 47.93% | 6.802% |
| 89  | 13.951 | 1974 | 1976 | 1978 | rBV  | 303   | 218    | 0.11%  | 0.015% |
| 90  | 14.024 | 1984 | 1988 | 1989 | rVB2 | 285   | 305    | 0.15%  | 0.022% |
| 91  | 14.066 | 1991 | 1995 | 2000 | rVB  | 1795  | 2836   | 1.42%  | 0.202% |
| 92  | 14.231 | 2020 | 2022 | 2028 | rVB3 | 230   | 315    | 0.16%  | 0.022% |
| 93  | 14.383 | 2046 | 2047 | 2049 | rBV2 | 213   | 163    | 0.08%  | 0.012% |
| 94  | 14.578 | 2077 | 2079 | 2082 | rVB3 | 279   | 264    | 0.13%  | 0.019% |
| 95  | 14.676 | 2093 | 2095 | 2096 | rBV  | 307   | 257    | 0.13%  | 0.018% |
| 96  | 14.932 | 2135 | 2137 | 2141 | rBV2 | 220   | 243    | 0.12%  | 0.017% |
| 97  | 15.121 | 2164 | 2168 | 2171 | rBV2 | 253   | 289    | 0.14%  | 0.021% |
| 98  | 15.432 | 2214 | 2219 | 2224 | rBV3 | 859   | 1215   | 0.61%  | 0.086% |
| 99  | 16.109 | 2329 | 2330 | 2332 | rBV  | 421   | 285    | 0.14%  | 0.020% |
| 100 | 16.578 | 2406 | 2407 | 2410 | rBV  | 460   | 322    | 0.16%  | 0.023% |

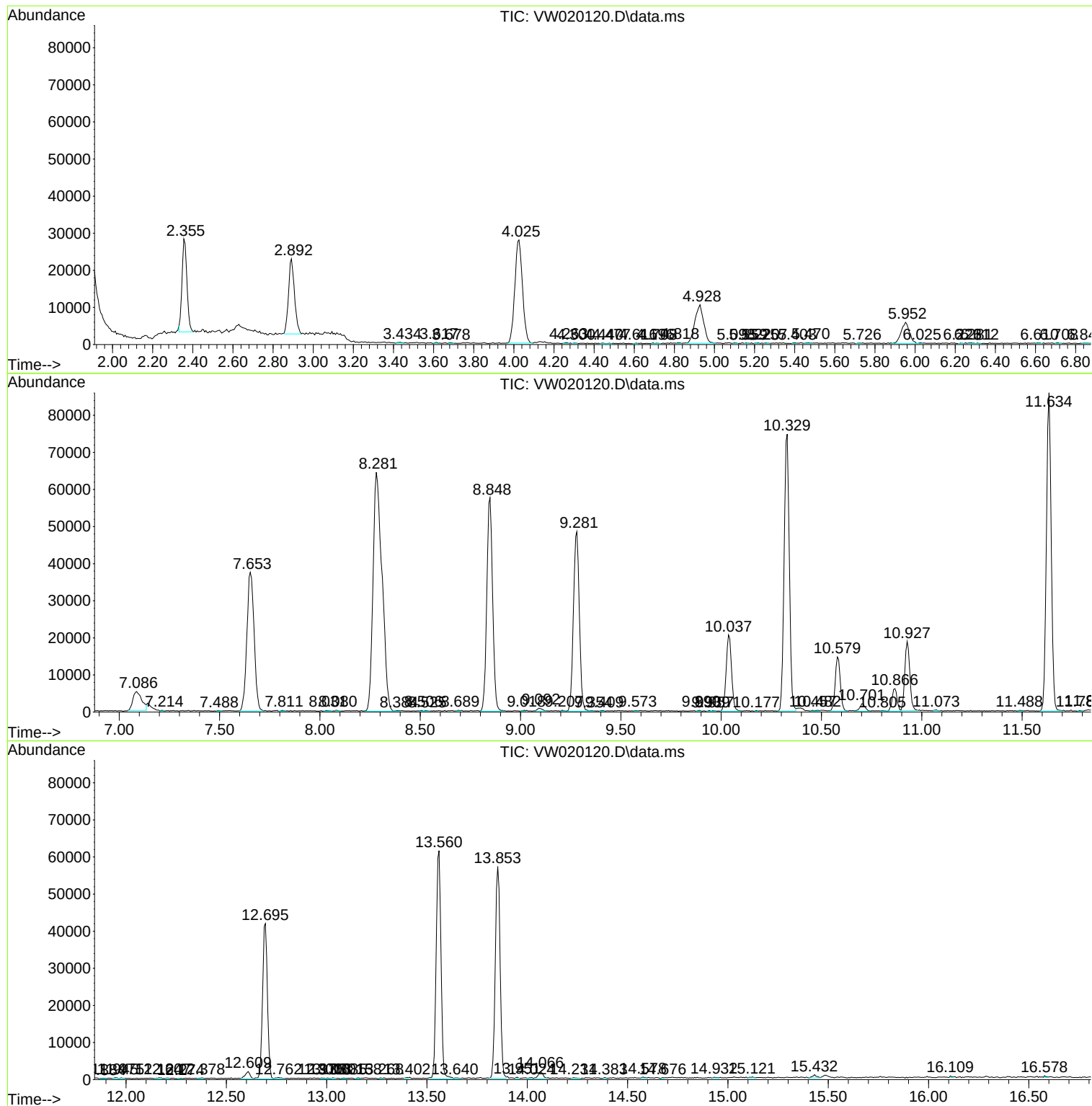
Sum of corrected areas: 1406932

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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092121SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092221\  
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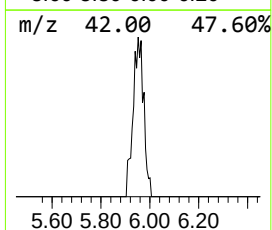
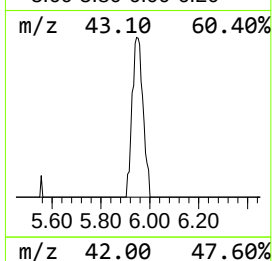
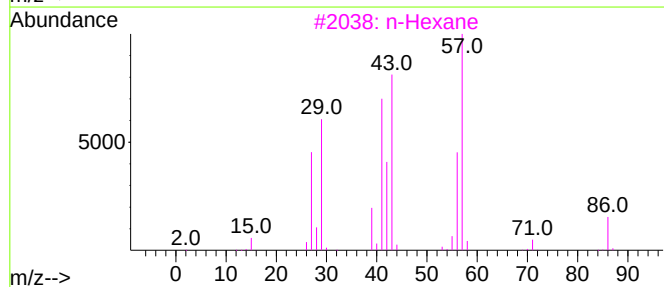
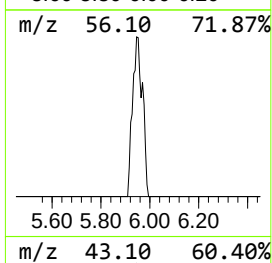
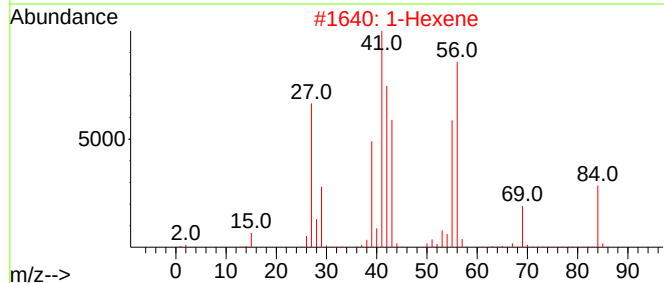
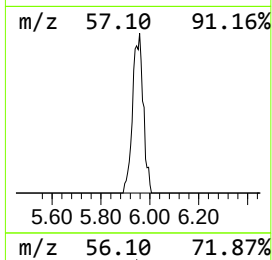
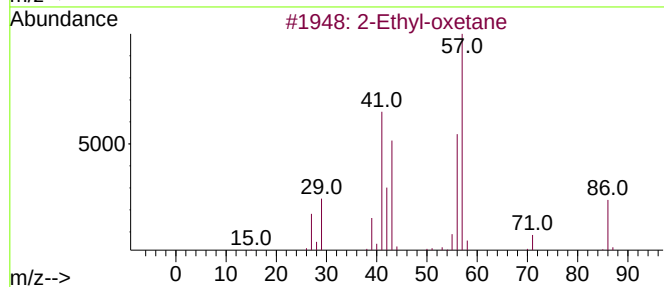
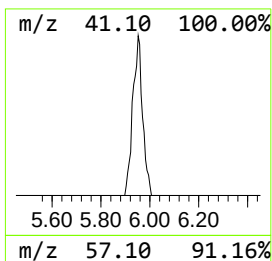
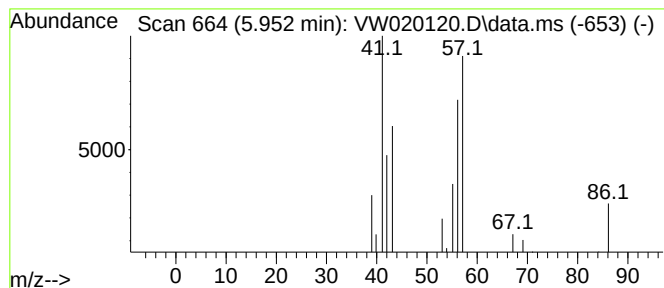
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092121SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 1 2-Ethyl-oxetane Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 5.952 | 3.53 ug/L | 16292 | 1,4-Difluorobenzene | 8.842 |

| Hit# | of 5 | Tentative ID            | MW  | MolForm | CAS#         | Qual |
|------|------|-------------------------|-----|---------|--------------|------|
| 1    |      | 2-Ethyl-oxetane         | 86  | C5H10O  | 1010386-40-2 | 50   |
| 2    |      | 1-Hexene                | 84  | C6H12   | 000592-41-6  | 37   |
| 3    |      | n-Hexane                | 86  | C6H14   | 000110-54-3  | 33   |
| 4    |      | 3-Buten-1-ol, 3-methyl- | 86  | C5H10O  | 000763-32-6  | 32   |
| 5    |      | Oxirane, pentyl-        | 114 | C7H14O  | 005063-65-0  | 28   |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Ethyl-oxetane  | 5.952 | 3.5     | ug/L  | 16292    | 1                     | 8.842 | 115503 | 25.0 |