

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071024\  
 Data File : VW029511.D  
 Acq On : 10 Jul 2024 17:02  
 Operator : SY/MD  
 Sample : P3177-17  
 Misc : 5.51g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4BY3

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\SFAMWLM070824SMA.M  
 Title : SFAM01.0

Signal : TIC: VW029511.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          | 94           | rVB      | 74188          | 177704        | 15.38%          | 2.677%        |
| 2         | 2.899       | 158           | 166         | 182          | rBV2     | 52935          | 161416        | 13.97%          | 2.431%        |
| 3         | 3.295       | 229           | 231         | 235          | rBV4     | 580            | 821           | 0.07%           | 0.012%        |
| 4         | 3.387       | 240           | 246         | 253          | rVB8     | 2323           | 5990          | 0.52%           | 0.090%        |
| 5         | 3.460       | 256           | 258         | 260          | rBV2     | 431            | 450           | 0.04%           | 0.007%        |
| 6         | 3.820       | 314           | 317         | 318          | rBV3     | 475            | 492           | 0.04%           | 0.007%        |
| 7         | 4.021       | 337           | 350         | 373          | rBV      | 117447         | 393679        | 34.08%          | 5.930%        |
| 8         | 4.204       | 374           | 380         | 390          | rVB3     | 7584           | 22664         | 1.96%           | 0.341%        |
| 9         | 4.381       | 405           | 409         | 410          | rBV3     | 450            | 671           | 0.06%           | 0.010%        |
| 10        | 4.594       | 441           | 444         | 446          | rBV2     | 485            | 583           | 0.05%           | 0.009%        |
| 11        | 4.667       | 452           | 456         | 457          | rBV3     | 660            | 713           | 0.06%           | 0.011%        |
| 12        | 4.923       | 487           | 498         | 510          | rBV      | 15531          | 59581         | 5.16%           | 0.897%        |
| 13        | 5.417       | 575           | 579         | 582          | rVB3     | 440            | 772           | 0.07%           | 0.012%        |
| 14        | 5.441       | 582           | 583         | 586          | rBV2     | 516            | 576           | 0.05%           | 0.009%        |
| 15        | 5.508       | 592           | 594         | 597          | rVB3     | 449            | 482           | 0.04%           | 0.007%        |
| 16        | 5.636       | 612           | 615         | 619          | rBV3     | 360            | 524           | 0.05%           | 0.008%        |
| 17        | 5.691       | 621           | 624         | 626          | rVB3     | 428            | 503           | 0.04%           | 0.008%        |
| 18        | 5.710       | 626           | 627         | 629          | rBV2     | 578            | 453           | 0.04%           | 0.007%        |
| 19        | 5.752       | 631           | 634         | 635          | rBV2     | 487            | 609           | 0.05%           | 0.009%        |
| 20        | 5.947       | 657           | 666         | 676          | rBV6     | 2827           | 9301          | 0.81%           | 0.140%        |
| 21        | 6.283       | 717           | 721         | 723          | rBV3     | 703            | 723           | 0.06%           | 0.011%        |
| 22        | 6.337       | 728           | 730         | 732          | rBV2     | 469            | 500           | 0.04%           | 0.008%        |
| 23        | 6.472       | 750           | 752         | 757          | rBV3     | 366            | 588           | 0.05%           | 0.009%        |
| 24        | 6.520       | 757           | 760         | 764          | rVB3     | 351            | 481           | 0.04%           | 0.007%        |
| 25        | 6.581       | 764           | 770         | 774          | rVB5     | 431            | 932           | 0.08%           | 0.014%        |
| 26        | 7.142       | 846           | 862         | 879          | rBV5     | 15752          | 74135         | 6.42%           | 1.117%        |
| 27        | 7.386       | 898           | 902         | 906          | rVB4     | 460            | 863           | 0.07%           | 0.013%        |
| 28        | 7.429       | 906           | 909         | 913          | rBV3     | 603            | 823           | 0.07%           | 0.012%        |
| 29        | 7.648       | 935           | 945         | 959          | rBV      | 209482         | 507695        | 43.95%          | 7.648%        |
| 30        | 7.801       | 967           | 970         | 976          | rVB4     | 756            | 1360          | 0.12%           | 0.020%        |
| 31        | 7.929       | 987           | 991         | 992          | rBV2     | 359            | 475           | 0.04%           | 0.007%        |
| 32        | 8.276       | 1037          | 1048        | 1065         | rBV2     | 383291         | 1155054       | 100.00%         | 17.399%       |
| 33        | 8.422       | 1070          | 1072        | 1076         | rVB4     | 910            | 1082          | 0.09%           | 0.016%        |
| 34        | 8.581       | 1096          | 1098        | 1100         | rBV2     | 375            | 454           | 0.04%           | 0.007%        |
| 35        | 8.685       | 1111          | 1115        | 1117         | rBV5     | 580            | 856           | 0.07%           | 0.013%        |
| 36        | 8.843       | 1131          | 1141        | 1155         | rBV      | 430886         | 856729        | 74.17%          | 12.905%       |

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ClientSampleId :  
A4BY3

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Integrator: RTE

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Sampling : 1

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070824SMA.M  
Title : SFAM01.0

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 37 | 9.069  | 1172 | 1178 | 1179 | rBV3 | 1034   | 1502   | 0.13%  | 0.023%  |
| 38 | 9.270  | 1202 | 1211 | 1222 | rBV  | 276412 | 572823 | 49.59% | 8.629%  |
| 39 | 9.386  | 1228 | 1230 | 1235 | rVB4 | 857    | 957    | 0.08%  | 0.014%  |
| 40 | 9.441  | 1237 | 1239 | 1241 | rVB3 | 708    | 658    | 0.06%  | 0.010%  |
| 41 | 9.526  | 1252 | 1253 | 1257 | rVB  | 451    | 485    | 0.04%  | 0.007%  |
| 42 | 9.660  | 1274 | 1275 | 1277 | rBV2 | 584    | 489    | 0.04%  | 0.007%  |
| 43 | 9.880  | 1309 | 1311 | 1314 | rVB3 | 461    | 457    | 0.04%  | 0.007%  |
| 44 | 10.032 | 1330 | 1336 | 1343 | rBV  | 30342  | 55524  | 4.81%  | 0.836%  |
| 45 | 10.129 | 1351 | 1352 | 1359 | rVB4 | 849    | 1123   | 0.10%  | 0.017%  |
| 46 | 10.325 | 1375 | 1384 | 1393 | rBV  | 431361 | 775960 | 67.18% | 11.689% |
| 47 | 10.575 | 1418 | 1425 | 1434 | rBV2 | 21959  | 42624  | 3.69%  | 0.642%  |
| 48 | 10.703 | 1440 | 1446 | 1453 | rVB2 | 5392   | 10349  | 0.90%  | 0.156%  |
| 49 | 10.952 | 1476 | 1487 | 1498 | rBV3 | 48206  | 124629 | 10.79% | 1.877%  |
| 50 | 11.239 | 1532 | 1534 | 1537 | rVB2 | 514    | 626    | 0.05%  | 0.009%  |
| 51 | 11.318 | 1545 | 1547 | 1549 | rBV  | 602    | 467    | 0.04%  | 0.007%  |
| 52 | 11.410 | 1560 | 1562 | 1565 | rVB4 | 655    | 654    | 0.06%  | 0.010%  |
| 53 | 11.629 | 1589 | 1598 | 1609 | rBV  | 430811 | 718962 | 62.24% | 10.830% |
| 54 | 11.788 | 1621 | 1624 | 1629 | rVB7 | 486    | 862    | 0.07%  | 0.013%  |
| 55 | 11.843 | 1629 | 1633 | 1636 | rBV5 | 897    | 1365   | 0.12%  | 0.021%  |
| 56 | 11.958 | 1650 | 1652 | 1656 | rVB3 | 556    | 652    | 0.06%  | 0.010%  |
| 57 | 12.019 | 1659 | 1662 | 1664 | rVB3 | 455    | 533    | 0.05%  | 0.008%  |
| 58 | 12.099 | 1672 | 1675 | 1680 | rBV3 | 554    | 960    | 0.08%  | 0.014%  |
| 59 | 12.160 | 1680 | 1685 | 1690 | rBV7 | 891    | 1868   | 0.16%  | 0.028%  |
| 60 | 12.367 | 1714 | 1719 | 1725 | rBV8 | 1539   | 2966   | 0.26%  | 0.045%  |
| 61 | 12.464 | 1730 | 1735 | 1742 | rVB4 | 1542   | 3581   | 0.31%  | 0.054%  |
| 62 | 12.519 | 1742 | 1744 | 1746 | rBV2 | 421    | 454    | 0.04%  | 0.007%  |
| 63 | 12.599 | 1750 | 1757 | 1764 | rVB2 | 16793  | 28979  | 2.51%  | 0.437%  |
| 64 | 12.690 | 1764 | 1772 | 1780 | rBV  | 125351 | 205576 | 17.80% | 3.097%  |
| 65 | 12.922 | 1806 | 1810 | 1816 | rBV8 | 748    | 1546   | 0.13%  | 0.023%  |
| 66 | 12.970 | 1816 | 1818 | 1820 | rVB3 | 535    | 536    | 0.05%  | 0.008%  |
| 67 | 13.031 | 1824 | 1828 | 1832 | rVB5 | 582    | 959    | 0.08%  | 0.014%  |
| 68 | 13.159 | 1843 | 1849 | 1850 | rBV3 | 573    | 978    | 0.08%  | 0.015%  |
| 69 | 13.190 | 1850 | 1854 | 1857 | rBV4 | 1223   | 1922   | 0.17%  | 0.029%  |
| 70 | 13.220 | 1857 | 1859 | 1862 | rVB4 | 907    | 854    | 0.07%  | 0.013%  |
| 71 | 13.269 | 1862 | 1867 | 1868 | rBV5 | 1413   | 1938   | 0.17%  | 0.029%  |
| 72 | 13.397 | 1882 | 1888 | 1894 | rBV6 | 2310   | 4928   | 0.43%  | 0.074%  |
| 73 | 13.476 | 1897 | 1901 | 1902 | rVV3 | 1000   | 1095   | 0.09%  | 0.016%  |
| 74 | 13.501 | 1903 | 1905 | 1907 | rVV3 | 1164   | 1316   | 0.11%  | 0.020%  |
| 75 | 13.556 | 1907 | 1914 | 1921 | rVV  | 194671 | 319111 | 27.63% | 4.807%  |
| 76 | 13.647 | 1925 | 1929 | 1936 | rVB  | 8958   | 15825  | 1.37%  | 0.238%  |

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 MSVOA\_W  
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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\SFAMWLM070824SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 13.757 | 1943 | 1947 | 1955 | rVB5 | 1984   | 3911   | 0.34%  | 0.059% |
| 78  | 13.848 | 1955 | 1962 | 1969 | rBV  | 142251 | 237332 | 20.55% | 3.575% |
| 79  | 13.934 | 1973 | 1976 | 1978 | rBV4 | 713    | 909    | 0.08%  | 0.014% |
| 80  | 14.062 | 1992 | 1997 | 2001 | rBV  | 7473   | 12028  | 1.04%  | 0.181% |
| 81  | 14.104 | 2001 | 2004 | 2009 | rVB6 | 1461   | 2681   | 0.23%  | 0.040% |
| 82  | 14.196 | 2015 | 2019 | 2021 | rBV2 | 770    | 877    | 0.08%  | 0.013% |
| 83  | 14.324 | 2034 | 2040 | 2044 | rBV7 | 2560   | 4845   | 0.42%  | 0.073% |
| 84  | 14.421 | 2052 | 2056 | 2057 | rBV4 | 601    | 825    | 0.07%  | 0.012% |
| 85  | 14.519 | 2064 | 2072 | 2077 | rBV4 | 5195   | 9185   | 0.80%  | 0.138% |
| 86  | 14.781 | 2109 | 2115 | 2117 | rBV5 | 629    | 885    | 0.08%  | 0.013% |
| 87  | 14.848 | 2124 | 2126 | 2131 | rVB3 | 611    | 889    | 0.08%  | 0.013% |
| 88  | 14.903 | 2131 | 2135 | 2139 | rBV4 | 615    | 1266   | 0.11%  | 0.019% |
| 89  | 15.202 | 2177 | 2184 | 2187 | rBV6 | 1956   | 4124   | 0.36%  | 0.062% |
| 90  | 15.293 | 2197 | 2199 | 2203 | rVB3 | 610    | 707    | 0.06%  | 0.011% |
| 91  | 15.476 | 2224 | 2229 | 2232 | rBV4 | 1407   | 2429   | 0.21%  | 0.037% |
| 92  | 15.537 | 2238 | 2239 | 2241 | rBV2 | 609    | 469    | 0.04%  | 0.007% |
| 93  | 15.659 | 2258 | 2259 | 2262 | rBV2 | 469    | 513    | 0.04%  | 0.008% |
| 94  | 15.842 | 2287 | 2289 | 2290 | rVB2 | 732    | 459    | 0.04%  | 0.007% |
| 95  | 15.866 | 2290 | 2293 | 2298 | rBV6 | 837    | 1486   | 0.13%  | 0.022% |
| 96  | 16.092 | 2326 | 2330 | 2333 | rBV5 | 1084   | 1309   | 0.11%  | 0.020% |
| 97  | 16.549 | 2403 | 2405 | 2409 | rVB4 | 734    | 975    | 0.08%  | 0.015% |
| 98  | 16.598 | 2411 | 2413 | 2417 | rVV3 | 894    | 1046   | 0.09%  | 0.016% |
| 99  | 16.665 | 2420 | 2424 | 2428 | rBV6 | 523    | 1046   | 0.09%  | 0.016% |
| 100 | 16.726 | 2433 | 2434 | 2437 | rBV2 | 789    | 583    | 0.05%  | 0.009% |

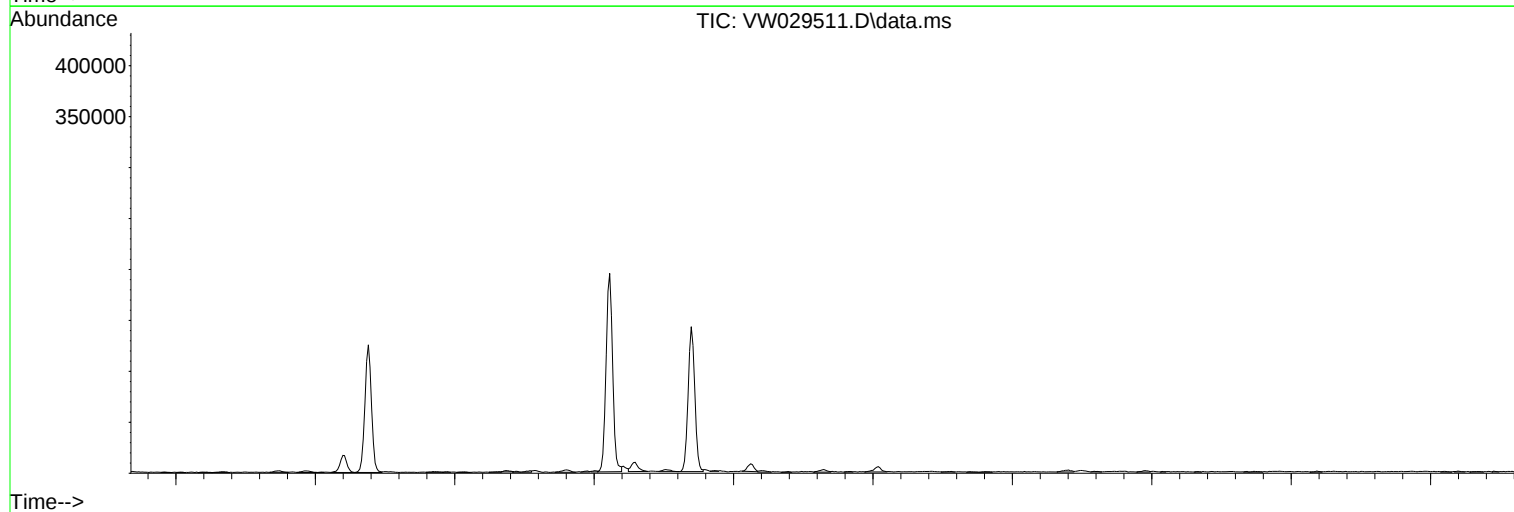
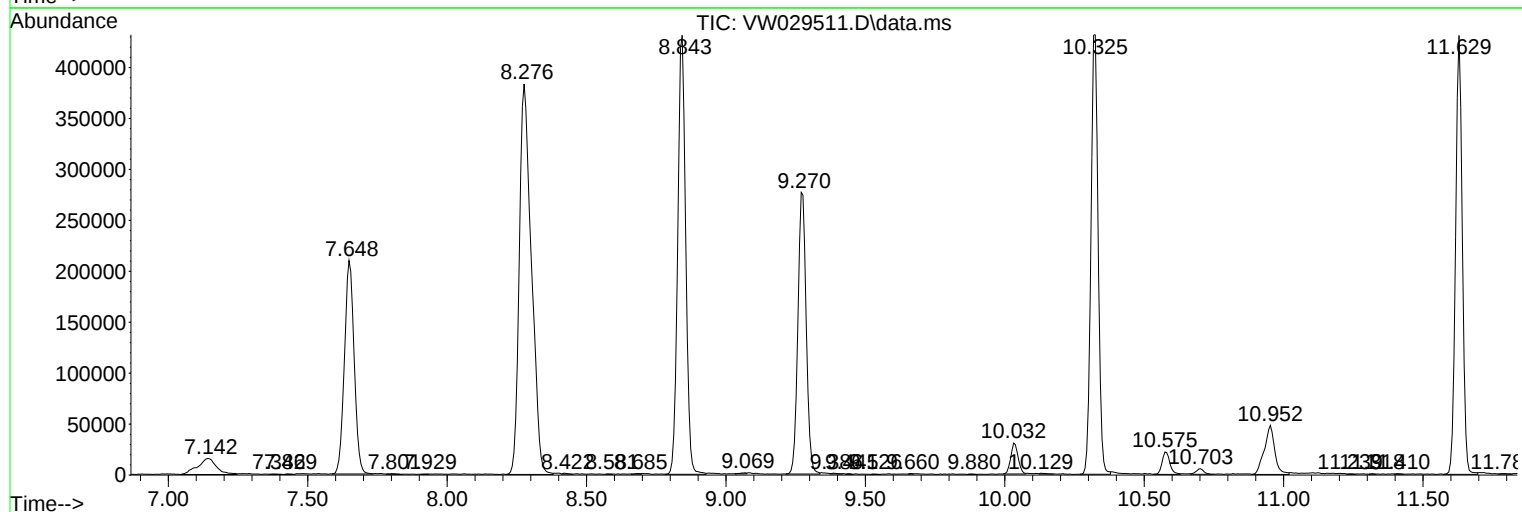
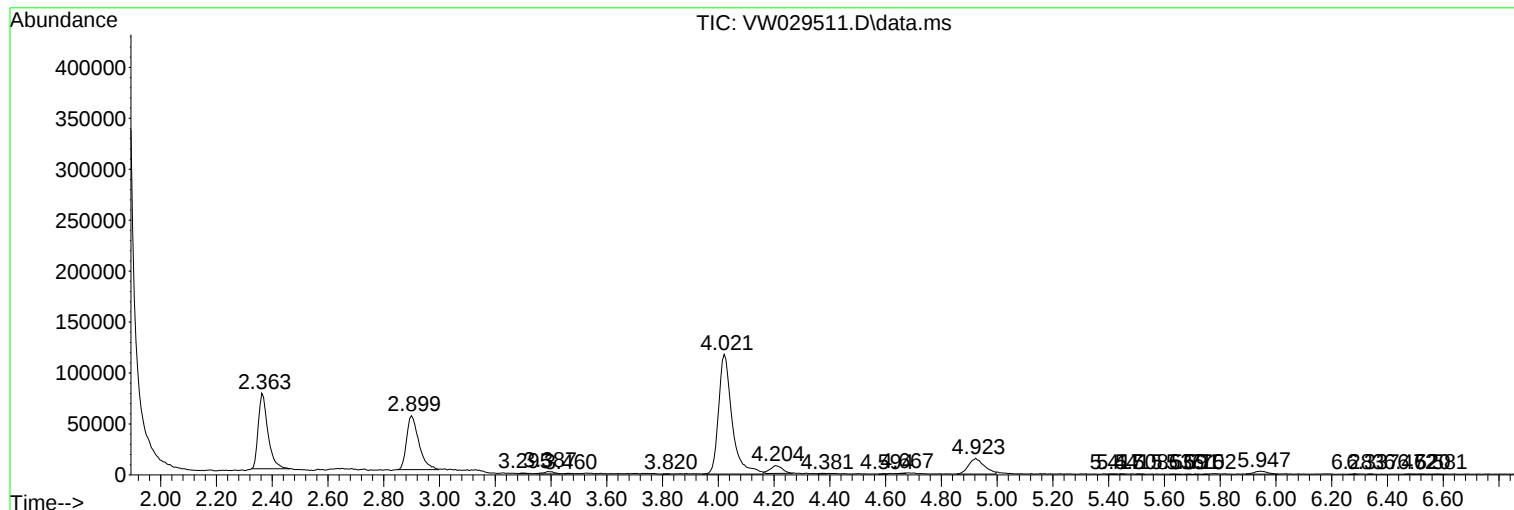
Sum of corrected areas: 6638606

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070824SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071024\  
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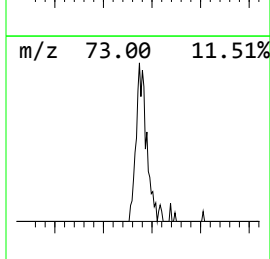
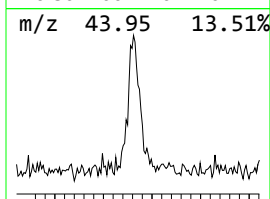
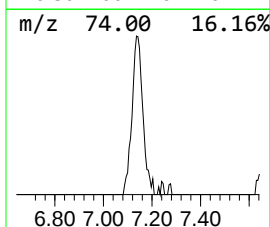
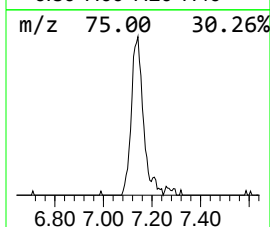
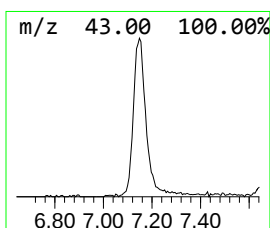
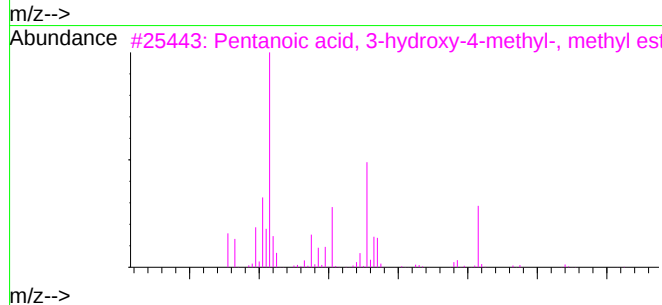
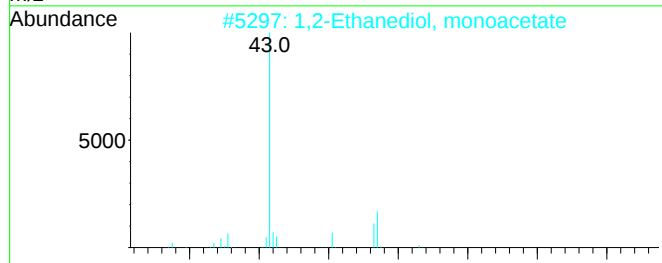
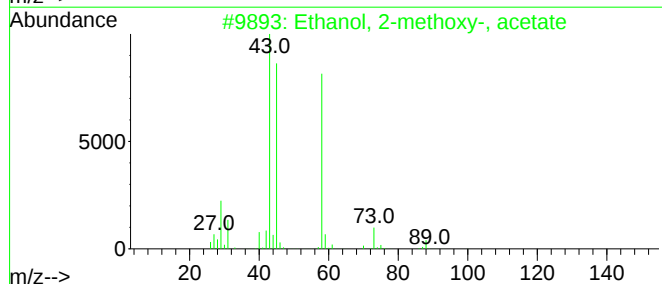
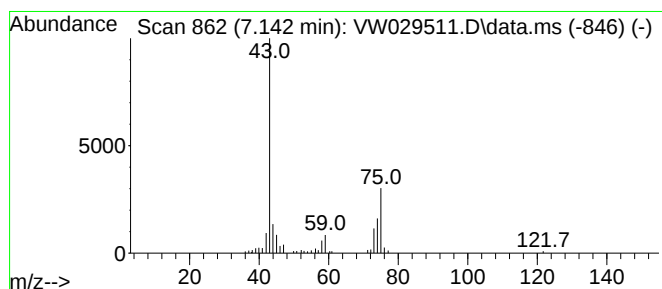
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown-01 Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 7.142 | 2.16 ug/L | 74135 | 1,4-Difluorobenzene | 8.843 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|-----------|-------------------------------------|-----|---------|-------------|------|
| 1         | Ethanol, 2-methoxy-, acetate        | 118 | C5H10O3 | 000110-49-6 | 28   |
| 2         | 1,2-Ethanediol, monoacetate         | 104 | C4H8O3  | 000542-59-6 | 28   |
| 3         | Pentanoic acid, 3-hydroxy-4-meth... | 146 | C7H14O3 | 065596-31-8 | 25   |
| 4         | Acetic acid, methyl ester           | 74  | C3H6O2  | 000079-20-9 | 9    |
| 5         | Acetic acid, methyl ester           | 74  | C3H6O2  | 000079-20-9 | 9    |



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Quant Title : SFAM01.0

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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| unknown-01       | 7.142 | 2.2     | ug/L  | 74135    | 1                     | 8.843 | 856729 | 25.0 |