

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072222\  
 Data File : VW024021.D  
 Acq On : 22 Jul 2022 22:10  
 Operator : SY/VA  
 Sample : N3741-07RE  
 Misc : 5.13g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 H0B15RE

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\SFAMWLM071322SMA.M  
 Title : SFAM01.0

Signal : TIC: VW024021.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         | 2.337       | 68            | 71          | 78           | rVB      | 51083          | 72667         | 12.76%          | 1.989%        |
| 2         | 3.660       | 285           | 288         | 290          | rBV4     | 1219           | 1479          | 0.26%           | 0.040%        |
| 3         | 4.007       | 335           | 345         | 359          | rBV4     | 31487          | 98417         | 17.29%          | 2.694%        |
| 4         | 4.196       | 369           | 376         | 389          | rVB      | 46753          | 125268        | 22.00%          | 3.430%        |
| 5         | 4.489       | 420           | 424         | 426          | rBV4     | 976            | 1352          | 0.24%           | 0.037%        |
| 6         | 4.611       | 437           | 444         | 446          | rBV6     | 1849           | 3781          | 0.66%           | 0.104%        |
| 7         | 4.794       | 471           | 474         | 478          | rBV5     | 722            | 1050          | 0.18%           | 0.029%        |
| 8         | 4.903       | 483           | 492         | 503          | rVV5     | 24601          | 88172         | 15.49%          | 2.414%        |
| 9         | 5.495       | 588           | 589         | 592          | rVB3     | 1309           | 989           | 0.17%           | 0.027%        |
| 10        | 5.732       | 626           | 628         | 630          | rBV3     | 1176           | 1118          | 0.20%           | 0.031%        |
| 11        | 5.818       | 639           | 642         | 644          | rBV3     | 1008           | 970           | 0.17%           | 0.027%        |
| 12        | 5.891       | 649           | 654         | 655          | rBV4     | 1966           | 2595          | 0.46%           | 0.071%        |
| 13        | 6.062       | 678           | 682         | 683          | rBV4     | 1076           | 1220          | 0.21%           | 0.033%        |
| 14        | 6.092       | 683           | 687         | 690          | rVB5     | 1024           | 1728          | 0.30%           | 0.047%        |
| 15        | 6.141       | 690           | 695         | 700          | rBV8     | 1499           | 3594          | 0.63%           | 0.098%        |
| 16        | 6.299       | 718           | 721         | 725          | rBV6     | 1419           | 2167          | 0.38%           | 0.059%        |
| 17        | 6.360       | 729           | 731         | 734          | rVV4     | 820            | 691           | 0.12%           | 0.019%        |
| 18        | 6.452       | 744           | 746         | 748          | rBV3     | 1326           | 1219          | 0.21%           | 0.033%        |
| 19        | 6.562       | 763           | 764         | 767          | rBV2     | 821            | 980           | 0.17%           | 0.027%        |
| 20        | 6.751       | 793           | 795         | 796          | rBV2     | 831            | 772           | 0.14%           | 0.021%        |
| 21        | 6.799       | 801           | 803         | 805          | rVV2     | 804            | 726           | 0.13%           | 0.020%        |
| 22        | 6.848       | 808           | 811         | 813          | rVV4     | 1190           | 1087          | 0.19%           | 0.030%        |
| 23        | 7.092       | 844           | 851         | 853          | rBV4     | 6320           | 12377         | 2.17%           | 0.339%        |
| 24        | 7.647       | 932           | 942         | 952          | rBV2     | 108059         | 265330        | 46.60%          | 7.264%        |
| 25        | 7.860       | 976           | 977         | 982          | rBV5     | 1005           | 1477          | 0.26%           | 0.040%        |
| 26        | 7.970       | 994           | 995         | 996          | rBV      | 1533           | 739           | 0.13%           | 0.020%        |
| 27        | 8.061       | 1008          | 1010        | 1012         | rBV4     | 1051           | 682           | 0.12%           | 0.019%        |
| 28        | 8.098       | 1014          | 1016        | 1020         | rVB5     | 1149           | 1568          | 0.28%           | 0.043%        |
| 29        | 8.147       | 1022          | 1024        | 1026         | rBV2     | 886            | 721           | 0.13%           | 0.020%        |
| 30        | 8.275       | 1032          | 1045        | 1061         | rBV2     | 161922         | 569375        | 100.00%         | 15.588%       |
| 31        | 8.842       | 1129          | 1138        | 1149         | rBV      | 182830         | 376181        | 66.07%          | 10.299%       |
| 32        | 9.067       | 1172          | 1175        | 1177         | rBV4     | 3000           | 3944          | 0.69%           | 0.108%        |
| 33        | 9.195       | 1193          | 1196        | 1198         | rBV4     | 874            | 840           | 0.15%           | 0.023%        |
| 34        | 9.274       | 1200          | 1209        | 1220         | rBV      | 164692         | 334704        | 58.78%          | 9.164%        |
| 35        | 9.396       | 1227          | 1229        | 1232         | rBV3     | 1055           | 1197          | 0.21%           | 0.033%        |
| 36        | 9.451       | 1236          | 1238        | 1239         | rBV2     | 1024           | 955           | 0.17%           | 0.026%        |

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 ClientSampleId :  
 H0B15RE

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\SFAMWLM071322SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 37 | 9.591  | 1260 | 1261 | 1264 | rBV3 | 1145   | 1127   | 0.20%  | 0.031%  |
| 38 | 9.787  | 1291 | 1293 | 1296 | rBV4 | 1317   | 1235   | 0.22%  | 0.034%  |
| 39 | 9.823  | 1296 | 1299 | 1302 | rVV5 | 794    | 1083   | 0.19%  | 0.030%  |
| 40 | 10.036 | 1327 | 1334 | 1342 | rBV  | 21955  | 43046  | 7.56%  | 1.179%  |
| 41 | 10.104 | 1343 | 1345 | 1347 | rBV2 | 1322   | 1038   | 0.18%  | 0.028%  |
| 42 | 10.207 | 1360 | 1362 | 1365 | rBV4 | 1089   | 1229   | 0.22%  | 0.034%  |
| 43 | 10.323 | 1373 | 1381 | 1387 | rBV  | 184875 | 322905 | 56.71% | 8.841%  |
| 44 | 10.579 | 1418 | 1423 | 1431 | rVB2 | 17749  | 32466  | 5.70%  | 0.889%  |
| 45 | 10.634 | 1431 | 1432 | 1438 | rVB6 | 1283   | 1365   | 0.24%  | 0.037%  |
| 46 | 10.683 | 1438 | 1440 | 1441 | rBV2 | 1492   | 1330   | 0.23%  | 0.036%  |
| 47 | 10.756 | 1447 | 1452 | 1458 | rBV4 | 7366   | 15102  | 2.65%  | 0.413%  |
| 48 | 10.805 | 1458 | 1460 | 1464 | rBV4 | 769    | 716    | 0.13%  | 0.020%  |
| 49 | 10.920 | 1475 | 1479 | 1480 | rBV  | 13848  | 15056  | 2.64%  | 0.412%  |
| 50 | 11.152 | 1515 | 1517 | 1519 | rBV3 | 1185   | 1435   | 0.25%  | 0.039%  |
| 51 | 11.219 | 1527 | 1528 | 1531 | rVB3 | 1439   | 1155   | 0.20%  | 0.032%  |
| 52 | 11.286 | 1536 | 1539 | 1541 | rVB4 | 1542   | 1374   | 0.24%  | 0.038%  |
| 53 | 11.317 | 1541 | 1544 | 1545 | rBV3 | 1328   | 1447   | 0.25%  | 0.040%  |
| 54 | 11.335 | 1545 | 1547 | 1550 | rVV4 | 1582   | 1877   | 0.33%  | 0.051%  |
| 55 | 11.390 | 1554 | 1556 | 1559 | rBV3 | 1098   | 1232   | 0.22%  | 0.034%  |
| 56 | 11.628 | 1588 | 1595 | 1605 | rBV  | 231282 | 407053 | 71.49% | 11.144% |
| 57 | 11.762 | 1615 | 1617 | 1618 | rBV2 | 914    | 704    | 0.12%  | 0.019%  |
| 58 | 11.957 | 1646 | 1649 | 1650 | rBV3 | 659    | 691    | 0.12%  | 0.019%  |
| 59 | 12.000 | 1654 | 1656 | 1658 | rBV2 | 753    | 713    | 0.13%  | 0.020%  |
| 60 | 12.274 | 1699 | 1701 | 1704 | rBV3 | 874    | 787    | 0.14%  | 0.022%  |
| 61 | 12.304 | 1704 | 1706 | 1708 | rVB3 | 1896   | 891    | 0.16%  | 0.024%  |
| 62 | 12.347 | 1711 | 1713 | 1714 | rBV2 | 1236   | 965    | 0.17%  | 0.026%  |
| 63 | 12.426 | 1724 | 1726 | 1728 | rBV3 | 1145   | 817    | 0.14%  | 0.022%  |
| 64 | 12.475 | 1728 | 1734 | 1736 | rVB6 | 1586   | 3008   | 0.53%  | 0.082%  |
| 65 | 12.603 | 1750 | 1755 | 1761 | rVB2 | 10649  | 18015  | 3.16%  | 0.493%  |
| 66 | 12.688 | 1761 | 1769 | 1778 | rBV  | 146072 | 246424 | 43.28% | 6.747%  |
| 67 | 12.798 | 1785 | 1787 | 1789 | rBV2 | 1001   | 816    | 0.14%  | 0.022%  |
| 68 | 12.823 | 1789 | 1791 | 1793 | rVB3 | 1101   | 831    | 0.15%  | 0.023%  |
| 69 | 12.871 | 1796 | 1799 | 1800 | rBV3 | 1224   | 1034   | 0.18%  | 0.028%  |
| 70 | 13.097 | 1834 | 1836 | 1837 | rBV2 | 1156   | 853    | 0.15%  | 0.023%  |
| 71 | 13.164 | 1845 | 1847 | 1849 | rBV3 | 1125   | 789    | 0.14%  | 0.022%  |
| 72 | 13.237 | 1857 | 1859 | 1862 | rVB2 | 1793   | 1803   | 0.32%  | 0.049%  |
| 73 | 13.432 | 1888 | 1891 | 1894 | rVB3 | 723    | 991    | 0.17%  | 0.027%  |
| 74 | 13.475 | 1895 | 1898 | 1899 | rBV2 | 718    | 753    | 0.13%  | 0.021%  |
| 75 | 13.493 | 1899 | 1901 | 1902 | rVV2 | 1315   | 831    | 0.15%  | 0.023%  |
| 76 | 13.554 | 1905 | 1911 | 1921 | rVB  | 147212 | 241702 | 42.45% | 6.617%  |

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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 H0B15RE

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\SFAMWLM071322SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 13.652 | 1926 | 1927 | 1930 | rBV3 | 1199   | 751    | 0.13%  | 0.021% |
| 78  | 13.749 | 1938 | 1943 | 1947 | rBV5 | 1593   | 3529   | 0.62%  | 0.097% |
| 79  | 13.853 | 1953 | 1960 | 1970 | rVB  | 141015 | 244493 | 42.94% | 6.694% |
| 80  | 14.060 | 1989 | 1994 | 2000 | rBV2 | 12609  | 21831  | 3.83%  | 0.598% |
| 81  | 14.152 | 2006 | 2009 | 2011 | rBV4 | 829    | 1055   | 0.19%  | 0.029% |
| 82  | 14.176 | 2011 | 2013 | 2015 | rVV3 | 925    | 823    | 0.14%  | 0.023% |
| 83  | 14.292 | 2031 | 2032 | 2035 | rBV2 | 958    | 958    | 0.17%  | 0.026% |
| 84  | 14.365 | 2041 | 2044 | 2046 | rBV4 | 1406   | 1648   | 0.29%  | 0.045% |
| 85  | 14.395 | 2046 | 2049 | 2053 | rVV5 | 1218   | 1904   | 0.33%  | 0.052% |
| 86  | 14.438 | 2055 | 2056 | 2061 | rVB5 | 1085   | 1044   | 0.18%  | 0.029% |
| 87  | 14.688 | 2095 | 2097 | 2101 | rBV5 | 943    | 1179   | 0.21%  | 0.032% |
| 88  | 14.786 | 2111 | 2113 | 2116 | rBV3 | 1121   | 1004   | 0.18%  | 0.027% |
| 89  | 14.847 | 2121 | 2123 | 2125 | rVB3 | 1425   | 1204   | 0.21%  | 0.033% |
| 90  | 14.871 | 2125 | 2127 | 2129 | rBV3 | 1006   | 941    | 0.17%  | 0.026% |
| 91  | 14.969 | 2142 | 2143 | 2146 | rBV3 | 1088   | 992    | 0.17%  | 0.027% |
| 92  | 15.121 | 2166 | 2168 | 2170 | rBV3 | 735    | 737    | 0.13%  | 0.020% |
| 93  | 15.145 | 2170 | 2172 | 2175 | rVV4 | 1021   | 1151   | 0.20%  | 0.032% |
| 94  | 15.475 | 2223 | 2226 | 2228 | rBV2 | 1667   | 2096   | 0.37%  | 0.057% |
| 95  | 15.517 | 2231 | 2233 | 2235 | rBV3 | 1042   | 1272   | 0.22%  | 0.035% |
| 96  | 15.603 | 2243 | 2247 | 2249 | rBV5 | 1310   | 1892   | 0.33%  | 0.052% |
| 97  | 15.767 | 2273 | 2274 | 2276 | rBV  | 1028   | 688    | 0.12%  | 0.019% |
| 98  | 16.011 | 2312 | 2314 | 2316 | rVB3 | 1060   | 816    | 0.14%  | 0.022% |
| 99  | 16.035 | 2316 | 2318 | 2321 | rBV3 | 1027   | 1017   | 0.18%  | 0.028% |
| 100 | 16.493 | 2390 | 2393 | 2394 | rBV3 | 995    | 696    | 0.12%  | 0.019% |

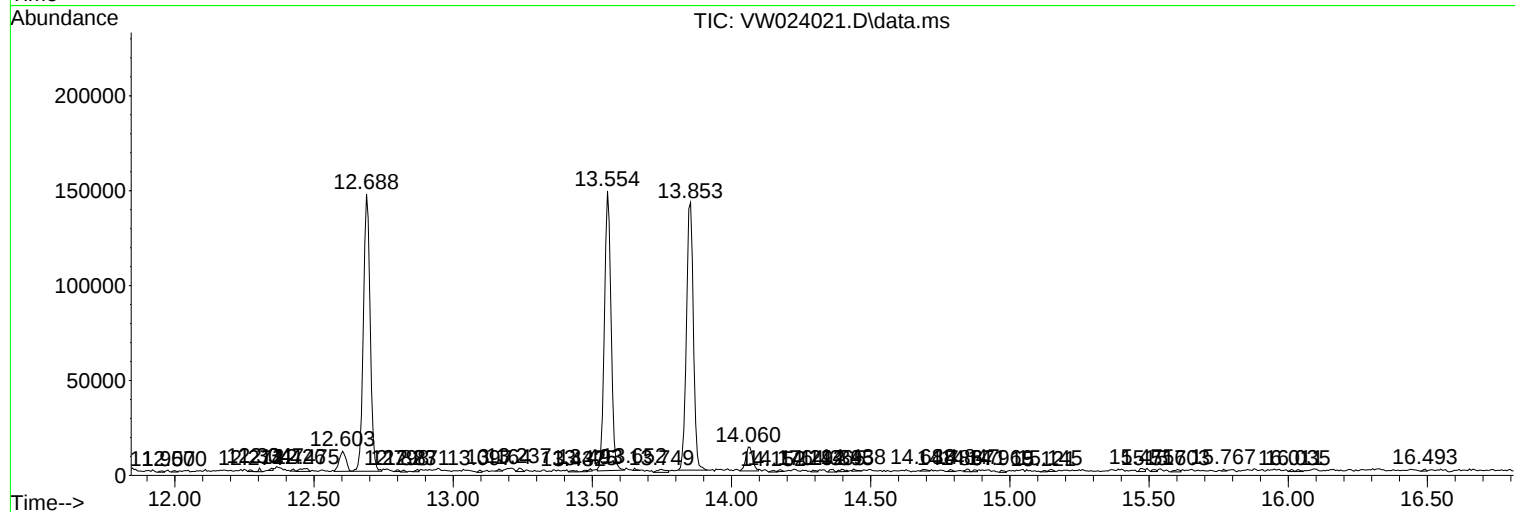
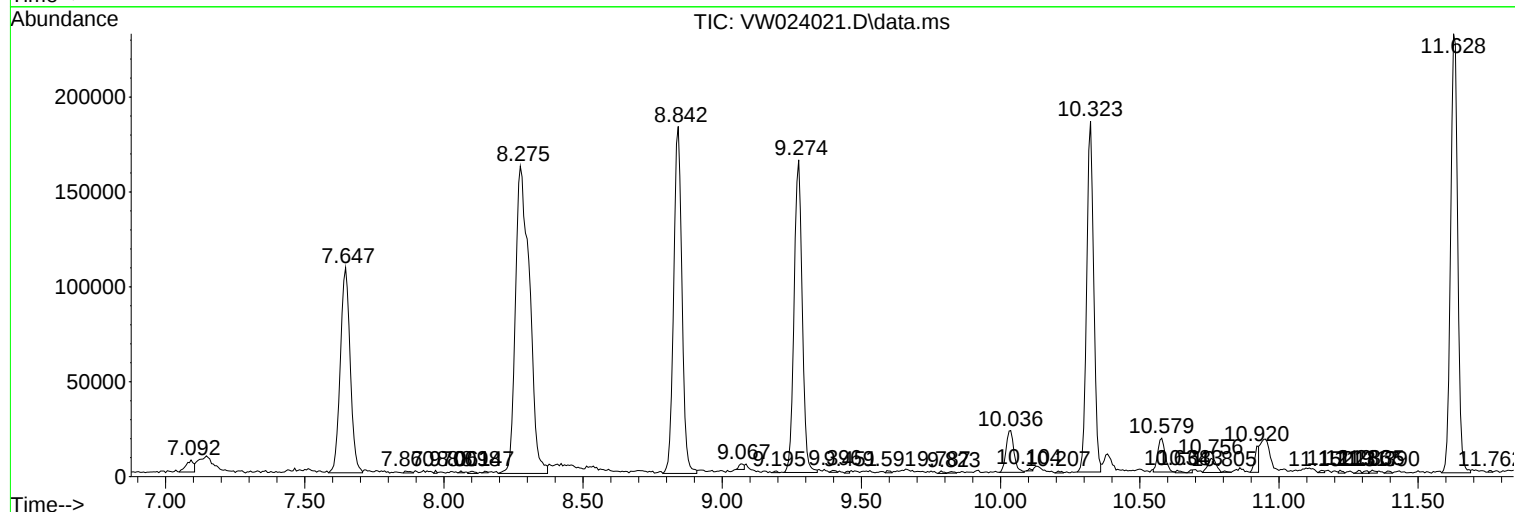
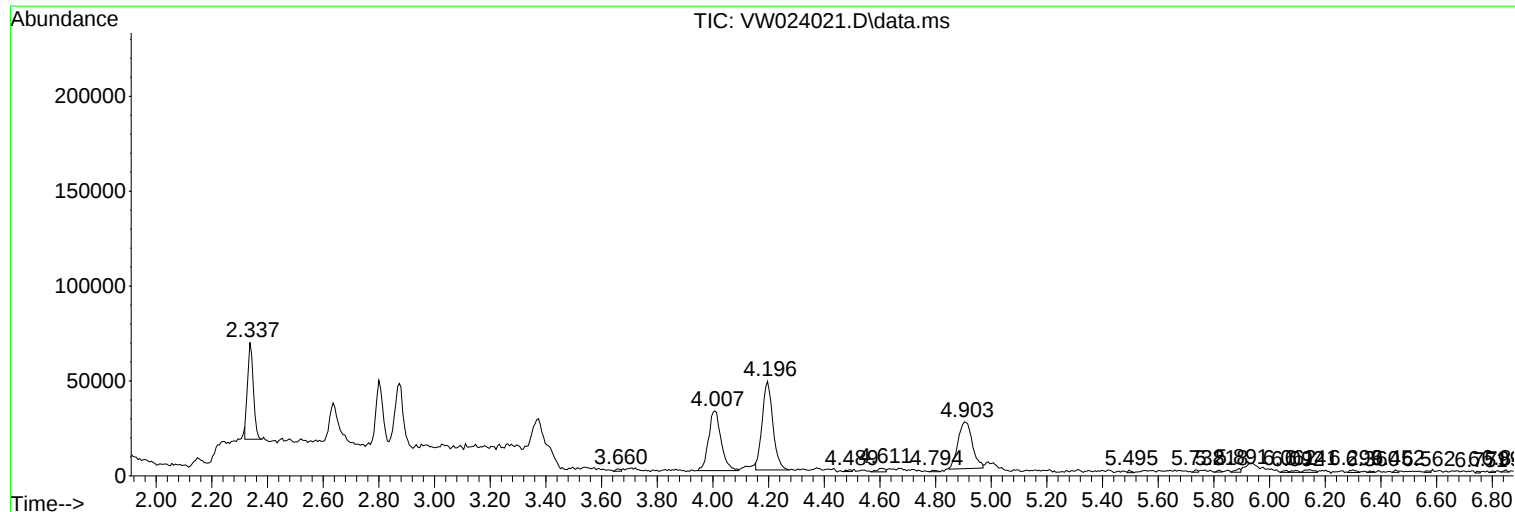
Sum of corrected areas: 3652542

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Instrument :  
MSVOA\_W  
ClientSampleId :  
H0B15RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072222\  
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H0B15RE

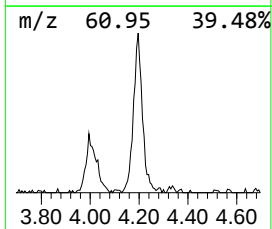
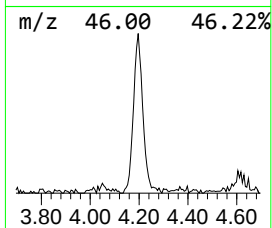
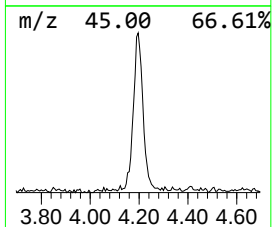
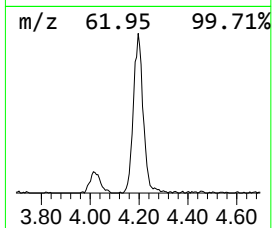
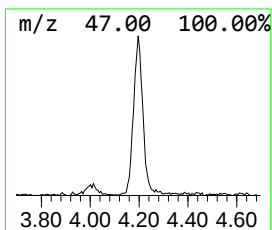
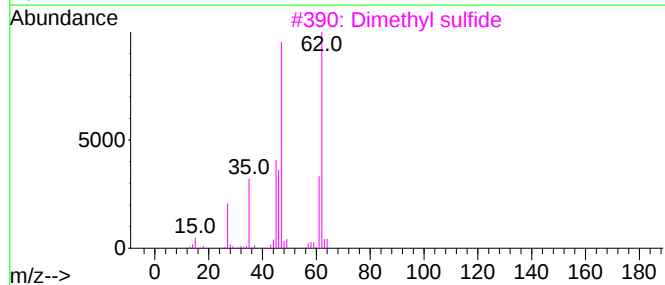
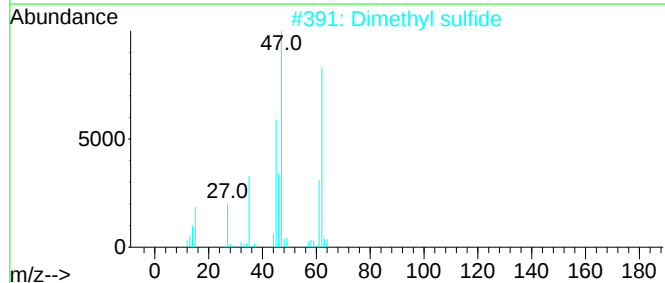
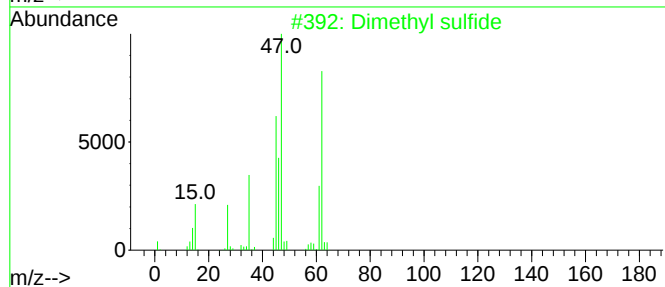
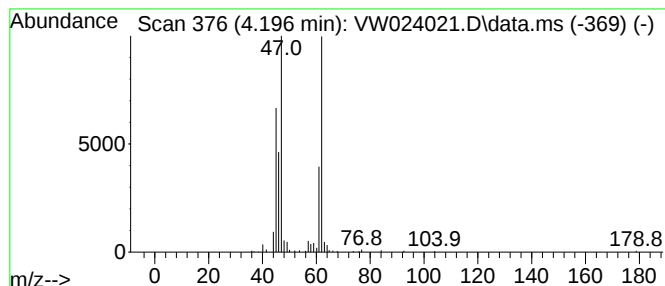
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
Quant Title : SFAM01.0

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

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Peak Number 1 Dimethyl sulfide Concentration Rank 1

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 4.196 | 8.32 ug/L | 125268 | 1,4-Difluorobenzene | 8.842 |

| Hit# | of | 5 | Tentative ID     | MW | MolForm | CAS#        | Qual |
|------|----|---|------------------|----|---------|-------------|------|
| 1    |    |   | Dimethyl sulfide | 62 | C2H6S   | 000075-18-3 | 94   |
| 2    |    |   | Dimethyl sulfide | 62 | C2H6S   | 000075-18-3 | 91   |
| 3    |    |   | Dimethyl sulfide | 62 | C2H6S   | 000075-18-3 | 91   |
| 4    |    |   | Dimethyl sulfide | 62 | C2H6S   | 000075-18-3 | 91   |
| 5    |    |   | Dimethyl sulfide | 62 | C2H6S   | 000075-18-3 | 91   |



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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 |
| Dimethyl sulfide | 4.196 | 8.3     | ug/L  | 125268   | 1                     | 8.842 | 376181 | 25.0 |