

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032923\  
 Data File : VD075536.D  
 Acq On : 29 Mar 2023 17:03  
 Operator : KP/SY  
 Sample : 02121-15  
 Misc : 5.04G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 C1188

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\_D\Method\SFAMDLM030123SMA.M  
 Title : SFAM01.0

Signal : TIC: VD075536.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         | 1.669       | 12            | 14          | 15           | rBV      | 652            | 567           | 0.06%           | 0.019%        |
| 2         | 1.693       | 15            | 18          | 19           | rBV      | 2715           | 2626          | 0.26%           | 0.088%        |
| 3         | 1.740       | 19            | 26          | 39           | rVV      | 502134         | 1027149       | 100.00%         | 34.360%       |
| 4         | 2.111       | 87            | 89          | 91           | rBV2     | 1061           | 737           | 0.07%           | 0.025%        |
| 5         | 2.281       | 112           | 118         | 125          | rBV2     | 81034          | 129218        | 12.58%          | 4.323%        |
| 6         | 2.422       | 138           | 142         | 147          | rBV      | 13415          | 20690         | 2.01%           | 0.692%        |
| 7         | 2.805       | 201           | 207         | 217          | rVB      | 71754          | 136515        | 13.29%          | 4.567%        |
| 8         | 3.393       | 305           | 307         | 310          | rBV      | 549            | 514           | 0.05%           | 0.017%        |
| 9         | 3.440       | 312           | 315         | 316          | rBV      | 543            | 476           | 0.05%           | 0.016%        |
| 10        | 3.558       | 331           | 335         | 336          | rBV2     | 473            | 455           | 0.04%           | 0.015%        |
| 11        | 3.611       | 343           | 344         | 347          | rBV      | 531            | 441           | 0.04%           | 0.015%        |
| 12        | 3.675       | 353           | 355         | 356          | rVB      | 748            | 429           | 0.04%           | 0.014%        |
| 13        | 3.805       | 374           | 377         | 378          | rBV2     | 591            | 618           | 0.06%           | 0.021%        |
| 14        | 3.922       | 387           | 397         | 407          | rBV2     | 36400          | 92325         | 8.99%           | 3.088%        |
| 15        | 4.028       | 409           | 415         | 418          | rBV      | 3075           | 5509          | 0.54%           | 0.184%        |
| 16        | 4.105       | 426           | 428         | 431          | rBV2     | 468            | 530           | 0.05%           | 0.018%        |
| 17        | 4.275       | 454           | 457         | 458          | rBV2     | 630            | 533           | 0.05%           | 0.018%        |
| 18        | 4.352       | 467           | 470         | 472          | rVB2     | 605            | 633           | 0.06%           | 0.021%        |
| 19        | 4.522       | 496           | 499         | 500          | rBV      | 624            | 609           | 0.06%           | 0.020%        |
| 20        | 4.810       | 537           | 548         | 557          | rVB3     | 9047           | 26753         | 2.60%           | 0.895%        |
| 21        | 4.940       | 567           | 570         | 572          | rBB2     | 575            | 572           | 0.06%           | 0.019%        |
| 22        | 5.305       | 629           | 632         | 633          | rBV2     | 1315           | 1372          | 0.13%           | 0.046%        |
| 23        | 5.457       | 655           | 658         | 660          | rBV2     | 353            | 484           | 0.05%           | 0.016%        |
| 24        | 5.593       | 677           | 681         | 684          | rBV2     | 732            | 806           | 0.08%           | 0.027%        |
| 25        | 5.846       | 720           | 724         | 725          | rBV3     | 1656           | 1813          | 0.18%           | 0.061%        |
| 26        | 6.069       | 761           | 762         | 764          | rBV      | 551            | 478           | 0.05%           | 0.016%        |
| 27        | 6.110       | 767           | 769         | 770          | rVV2     | 811            | 522           | 0.05%           | 0.017%        |
| 28        | 6.240       | 787           | 791         | 793          | rVB2     | 790            | 901           | 0.09%           | 0.030%        |
| 29        | 6.257       | 793           | 794         | 796          | rBV      | 689            | 469           | 0.05%           | 0.016%        |
| 30        | 6.681       | 862           | 866         | 868          | rBV      | 724            | 611           | 0.06%           | 0.020%        |
| 31        | 6.834       | 889           | 892         | 893          | rVB      | 735            | 569           | 0.06%           | 0.019%        |
| 32        | 6.875       | 896           | 899         | 902          | rBV2     | 598            | 955           | 0.09%           | 0.032%        |
| 33        | 6.987       | 910           | 918         | 926          | rBV      | 17063          | 47191         | 4.59%           | 1.579%        |
| 34        | 7.087       | 928           | 935         | 943          | rVB      | 11339          | 29372         | 2.86%           | 0.983%        |
| 35        | 7.257       | 962           | 964         | 965          | rVV      | 899            | 471           | 0.05%           | 0.016%        |
| 36        | 7.287       | 967           | 969         | 972          | rVB2     | 425            | 446           | 0.04%           | 0.015%        |

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 C1188

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\_D\Method\SFAMDLM030123SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 37 | 7.569  | 1007 | 1017 | 1029 | rVB  | 96565  | 250796 | 24.42% | 8.390%  |
| 38 | 7.663  | 1029 | 1033 | 1034 | rVB2 | 652    | 625    | 0.06%  | 0.021%  |
| 39 | 7.793  | 1051 | 1055 | 1057 | rVV4 | 1024   | 1417   | 0.14%  | 0.047%  |
| 40 | 7.875  | 1066 | 1069 | 1074 | rVB3 | 1002   | 1429   | 0.14%  | 0.048%  |
| 41 | 7.957  | 1080 | 1083 | 1085 | rBV2 | 574    | 474    | 0.05%  | 0.016%  |
| 42 | 8.093  | 1105 | 1106 | 1109 | rVB  | 1021   | 742    | 0.07%  | 0.025%  |
| 43 | 8.204  | 1116 | 1125 | 1141 | rVV2 | 126335 | 367353 | 35.76% | 12.289% |
| 44 | 8.304  | 1141 | 1142 | 1144 | rVB  | 929    | 487    | 0.05%  | 0.016%  |
| 45 | 8.357  | 1149 | 1151 | 1154 | rBV2 | 389    | 433    | 0.04%  | 0.014%  |
| 46 | 8.775  | 1215 | 1222 | 1231 | rBV  | 74149  | 151499 | 14.75% | 5.068%  |
| 47 | 8.851  | 1233 | 1235 | 1239 | rVB2 | 797    | 811    | 0.08%  | 0.027%  |
| 48 | 8.916  | 1243 | 1246 | 1248 | rBV2 | 484    | 450    | 0.04%  | 0.015%  |
| 49 | 9.034  | 1259 | 1266 | 1276 | rVV4 | 10774  | 20193  | 1.97%  | 0.676%  |
| 50 | 9.210  | 1288 | 1296 | 1304 | rBV  | 124675 | 250871 | 24.42% | 8.392%  |
| 51 | 9.498  | 1343 | 1345 | 1348 | rVB  | 748    | 454    | 0.04%  | 0.015%  |
| 52 | 9.663  | 1371 | 1373 | 1378 | rVB  | 888    | 1015   | 0.10%  | 0.034%  |
| 53 | 9.704  | 1378 | 1380 | 1384 | rBV2 | 1015   | 1035   | 0.10%  | 0.035%  |
| 54 | 9.840  | 1396 | 1403 | 1410 | rVV3 | 2789   | 5502   | 0.54%  | 0.184%  |
| 55 | 9.981  | 1421 | 1427 | 1435 | rBV3 | 9405   | 17393  | 1.69%  | 0.582%  |
| 56 | 10.057 | 1438 | 1440 | 1444 | rVB  | 458    | 492    | 0.05%  | 0.016%  |
| 57 | 10.198 | 1462 | 1464 | 1465 | rVV  | 1051   | 605    | 0.06%  | 0.020%  |
| 58 | 10.269 | 1469 | 1476 | 1485 | rBV  | 48672  | 89426  | 8.71%  | 2.991%  |
| 59 | 10.334 | 1485 | 1487 | 1489 | rBV2 | 559    | 450    | 0.04%  | 0.015%  |
| 60 | 10.528 | 1514 | 1520 | 1525 | rBV4 | 2551   | 4094   | 0.40%  | 0.137%  |
| 61 | 10.663 | 1538 | 1543 | 1549 | rVV4 | 3634   | 6776   | 0.66%  | 0.227%  |
| 62 | 10.745 | 1555 | 1557 | 1560 | rBV2 | 666    | 466    | 0.05%  | 0.016%  |
| 63 | 10.804 | 1565 | 1567 | 1570 | rVB  | 685    | 655    | 0.06%  | 0.022%  |
| 64 | 10.881 | 1570 | 1580 | 1591 | rBV  | 26163  | 44002  | 4.28%  | 1.472%  |
| 65 | 10.957 | 1591 | 1593 | 1595 | rBV2 | 578    | 556    | 0.05%  | 0.019%  |
| 66 | 11.257 | 1642 | 1644 | 1647 | rVV2 | 543    | 454    | 0.04%  | 0.015%  |
| 67 | 11.475 | 1680 | 1681 | 1685 | rBV2 | 624    | 600    | 0.06%  | 0.020%  |
| 68 | 11.516 | 1687 | 1688 | 1690 | rBV  | 634    | 451    | 0.04%  | 0.015%  |
| 69 | 11.581 | 1694 | 1699 | 1707 | rBV  | 23663  | 40762  | 3.97%  | 1.364%  |
| 70 | 11.657 | 1710 | 1712 | 1714 | rBV2 | 454    | 529    | 0.05%  | 0.018%  |
| 71 | 11.751 | 1726 | 1728 | 1730 | rBV2 | 515    | 490    | 0.05%  | 0.016%  |
| 72 | 11.798 | 1734 | 1736 | 1738 | rBV2 | 659    | 440    | 0.04%  | 0.015%  |
| 73 | 11.922 | 1754 | 1757 | 1758 | rBV  | 666    | 548    | 0.05%  | 0.018%  |
| 74 | 11.951 | 1760 | 1762 | 1765 | rVB3 | 579    | 542    | 0.05%  | 0.018%  |
| 75 | 12.375 | 1832 | 1834 | 1837 | rBV2 | 729    | 723    | 0.07%  | 0.024%  |
| 76 | 12.481 | 1850 | 1852 | 1854 | rBV2 | 639    | 587    | 0.06%  | 0.020%  |

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Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 C1188

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\_D\Method\SFAMDLM030123SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |       |        |        |        |
|-----|--------|------|------|------|------|-------|--------|--------|--------|
| 77  | 12.545 | 1859 | 1863 | 1864 | rBV  | 406   | 456    | 0.04%  | 0.015% |
| 78  | 12.587 | 1864 | 1870 | 1875 | rVV3 | 3433  | 5516   | 0.54%  | 0.185% |
| 79  | 12.657 | 1875 | 1882 | 1888 | rVV  | 83908 | 140392 | 13.67% | 4.696% |
| 80  | 12.804 | 1906 | 1907 | 1910 | rVB2 | 962   | 712    | 0.07%  | 0.024% |
| 81  | 12.851 | 1913 | 1915 | 1918 | rBV  | 700   | 608    | 0.06%  | 0.020% |
| 82  | 12.922 | 1925 | 1927 | 1930 | rBV2 | 878   | 671    | 0.07%  | 0.022% |
| 83  | 12.981 | 1936 | 1937 | 1940 | rVV2 | 731   | 671    | 0.07%  | 0.022% |
| 84  | 13.304 | 1990 | 1992 | 1993 | rBV  | 761   | 448    | 0.04%  | 0.015% |
| 85  | 13.463 | 2017 | 2019 | 2022 | rVB2 | 761   | 617    | 0.06%  | 0.021% |
| 86  | 13.522 | 2024 | 2029 | 2033 | rBV2 | 3786  | 5370   | 0.52%  | 0.180% |
| 87  | 13.822 | 2074 | 2080 | 2085 | rVV4 | 6771  | 10454  | 1.02%  | 0.350% |
| 88  | 13.857 | 2085 | 2086 | 2089 | rVB  | 803   | 676    | 0.07%  | 0.023% |
| 89  | 14.051 | 2113 | 2119 | 2123 | rVV3 | 4730  | 6514   | 0.63%  | 0.218% |
| 90  | 14.228 | 2148 | 2149 | 2152 | rVB2 | 700   | 495    | 0.05%  | 0.017% |
| 91  | 14.545 | 2200 | 2203 | 2204 | rBV2 | 608   | 647    | 0.06%  | 0.022% |
| 92  | 14.586 | 2209 | 2210 | 2213 | rVV  | 743   | 536    | 0.05%  | 0.018% |
| 93  | 14.810 | 2245 | 2248 | 2249 | rBV2 | 946   | 823    | 0.08%  | 0.028% |
| 94  | 14.986 | 2276 | 2278 | 2279 | rBV  | 746   | 529    | 0.05%  | 0.018% |
| 95  | 15.075 | 2290 | 2293 | 2295 | rVB  | 891   | 712    | 0.07%  | 0.024% |
| 96  | 15.233 | 2318 | 2320 | 2325 | rBV3 | 889   | 1260   | 0.12%  | 0.042% |
| 97  | 15.416 | 2347 | 2351 | 2358 | rVB3 | 5425  | 8088   | 0.79%  | 0.271% |
| 98  | 16.369 | 2512 | 2513 | 2516 | rVB3 | 966   | 616    | 0.06%  | 0.021% |
| 99  | 16.727 | 2572 | 2574 | 2578 | rBV3 | 934   | 1035   | 0.10%  | 0.035% |
| 100 | 16.757 | 2578 | 2579 | 2581 | rBV  | 829   | 508    | 0.05%  | 0.017% |

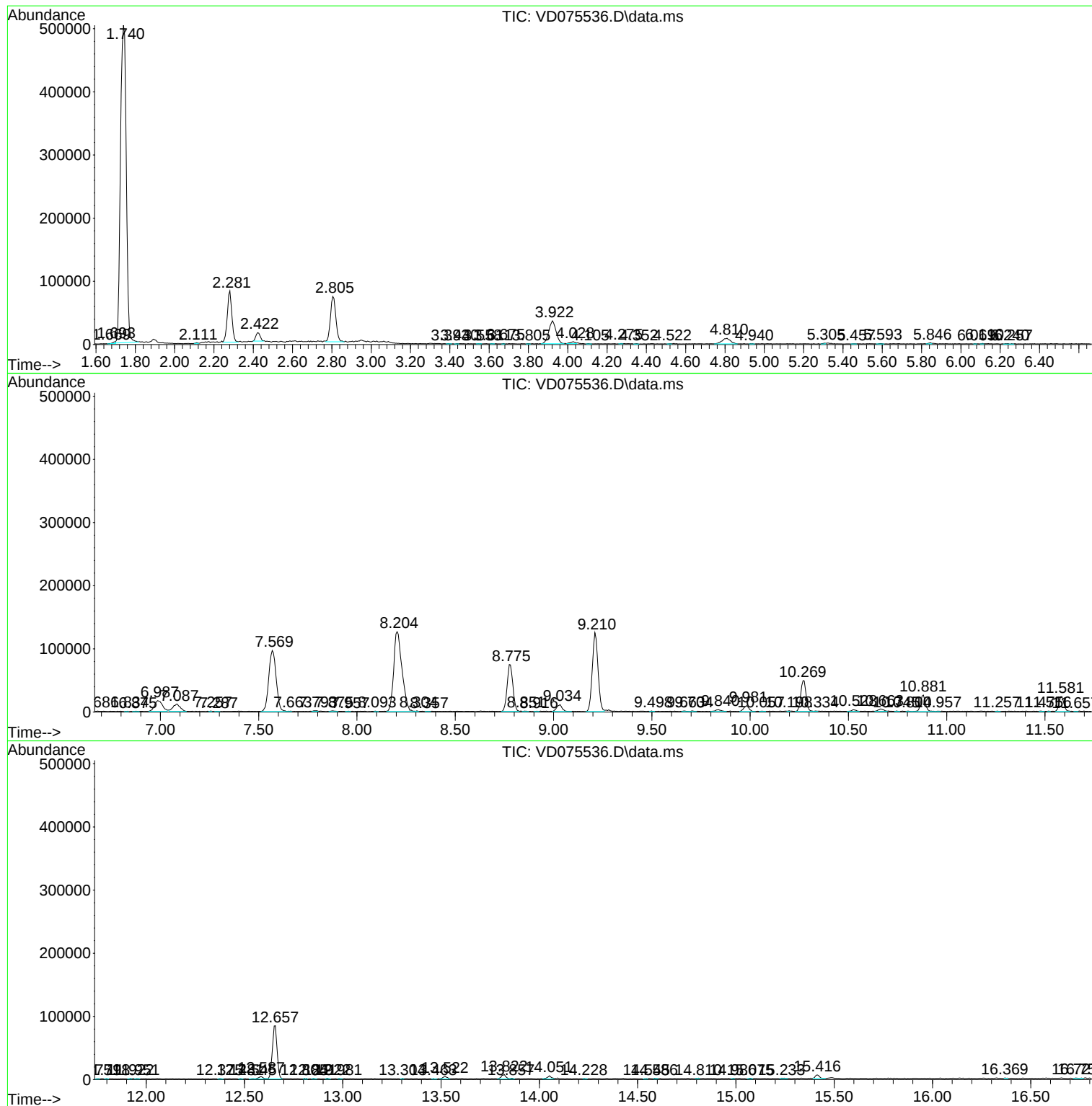
Sum of corrected areas: 2989340

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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
C1188

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM030123SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032923\  
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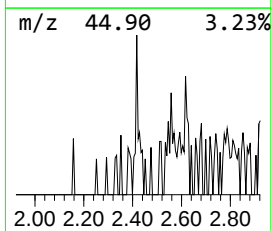
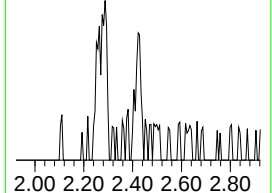
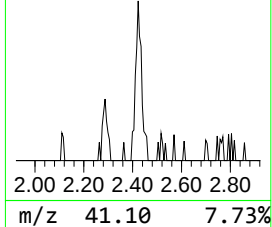
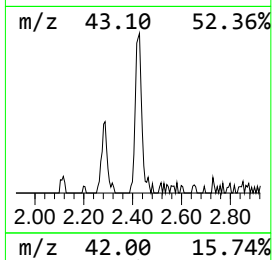
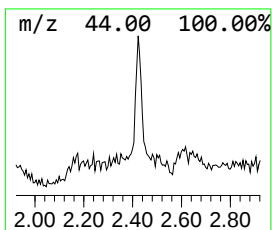
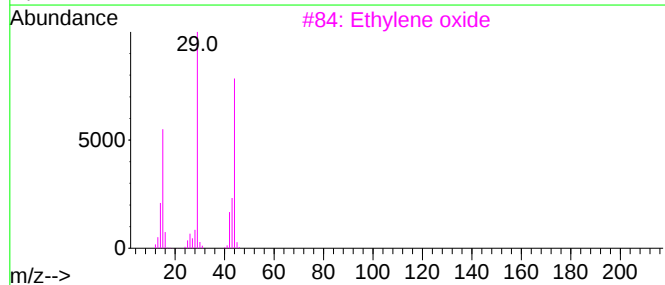
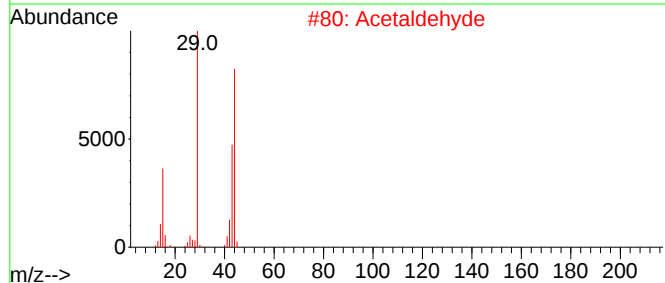
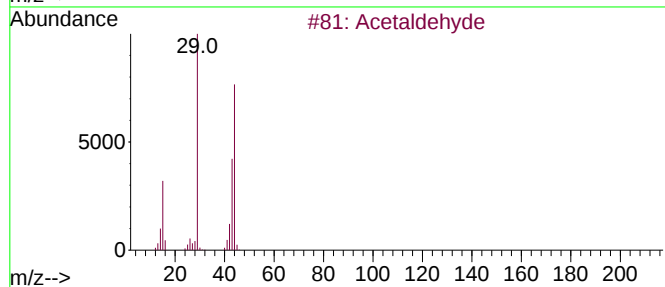
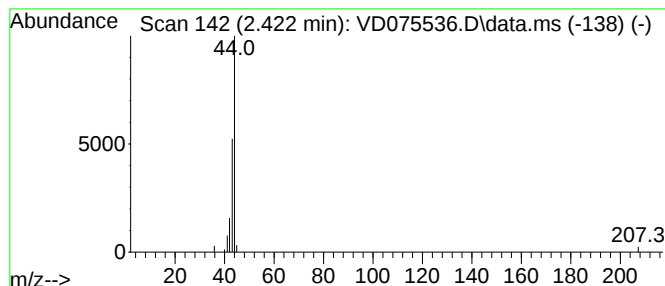
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM030123SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 2 Acetaldehyde Concentration Rank 9

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 2.422 | 3.41 ug/L | 20690 | 1,4-Difluorobenzene | 8.781 |

| Hit# | of | 5 | Tentative ID   | MW | MolForm | CAS#        | Qual |
|------|----|---|----------------|----|---------|-------------|------|
| 1    |    |   | Acetaldehyde   | 44 | C2H4O   | 000075-07-0 | 83   |
| 2    |    |   | Acetaldehyde   | 44 | C2H4O   | 000075-07-0 | 74   |
| 3    |    |   | Ethylene oxide | 44 | C2H4O   | 000075-21-8 | 5    |
| 4    |    |   | Ethylene oxide | 44 | C2H4O   | 000075-21-8 | 5    |
| 5    |    |   | Ethylene oxide | 44 | C2H4O   | 000075-21-8 | 5    |



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ALS Vial : 9 Sample Multiplier: 1

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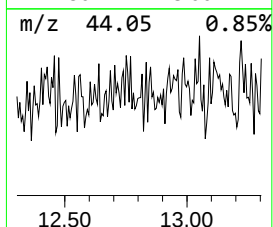
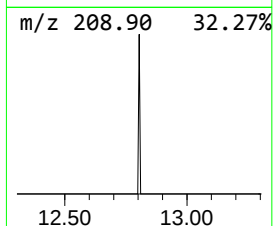
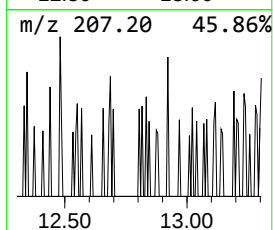
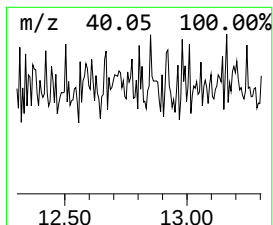
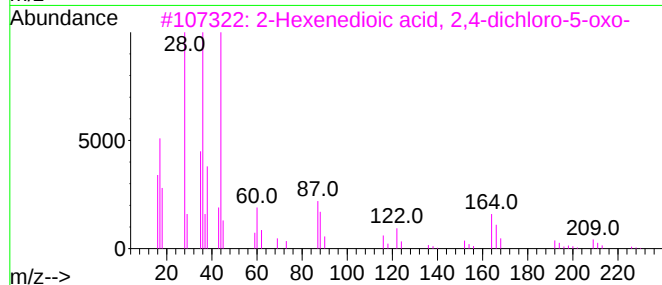
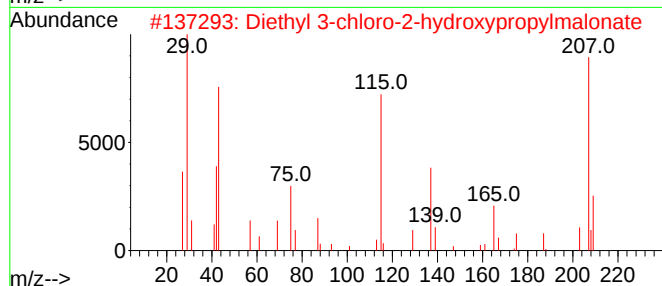
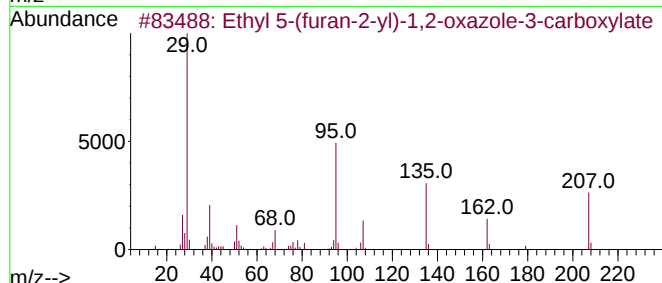
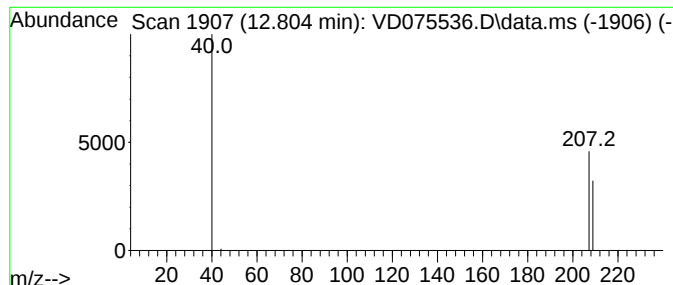
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM030123SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 6 unknown-01 Concentration Rank 10

| R.T.   | EstConc   | Area | Relative to ISTD       | R.T.   |
|--------|-----------|------|------------------------|--------|
| 12.804 | 3.31 ug/L | 712  | 1,4-Dichlorobenzene-d4 | 13.522 |

| Hit# | of                                  | 3   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | Ethyl 5-(furan-2-yl)-1,2-oxazole... | 207 | C10H9NO4     | 1000411-40-9 | 2       |      |      |
| 2    | Diethyl 3-chloro-2-hydroxypropyl... | 252 | C10H17ClO5   | 1000222-74-8 | 1       |      |      |
| 3    | 2-Hexenedioic acid, 2,4-dichloro... | 226 | C6H4Cl2O5    | 056771-78-9  | 1       |      |      |



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MSVOA\_D  
ClientSampleId :  
C1188

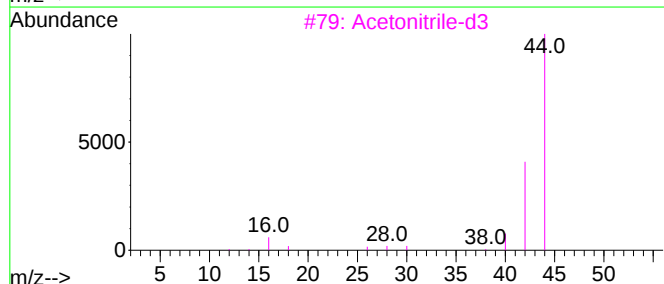
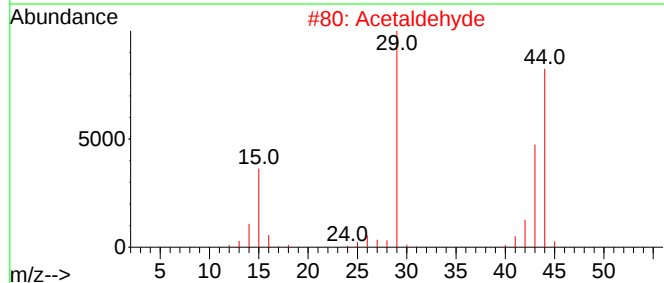
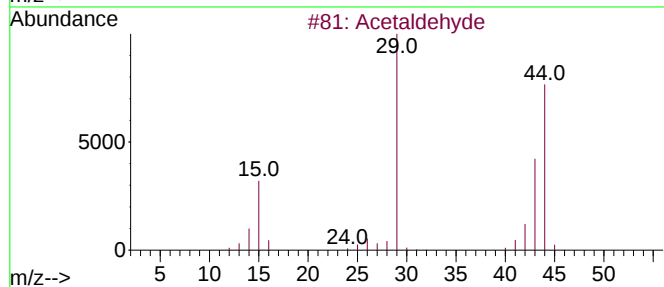
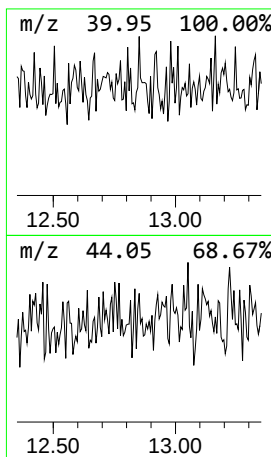
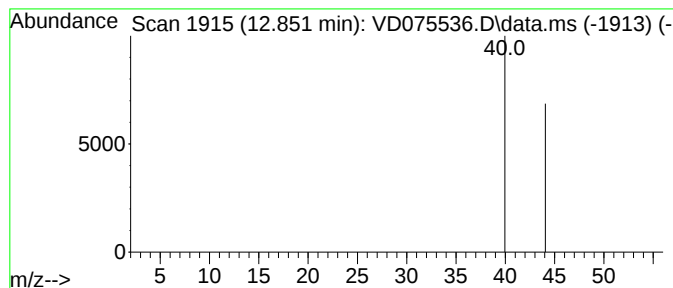
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Quant Title : SFAM01.0

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

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Peak Number 7 unknown-02 Concentration Rank 18

| R.T.   | EstConc   | Area | Relative to ISTD       | R.T.   |
|--------|-----------|------|------------------------|--------|
| 12.851 | 2.83 ug/L | 608  | 1,4-Dichlorobenzene-d4 | 13.522 |

| Hit# | of | 5 | Tentative ID    | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------|----|---------|-------------|------|
| 1    |    |   | Acetaldehyde    | 44 | C2H4O   | 000075-07-0 | 2    |
| 2    |    |   | Acetaldehyde    | 44 | C2H4O   | 000075-07-0 | 2    |
| 3    |    |   | Acetonitrile-d3 | 44 | C2D3N   | 002206-26-0 | 2    |
| 4    |    |   | Acetonitrile-d3 | 44 | C2D3N   | 002206-26-0 | 2    |
| 5    |    |   | Carbon dioxide  | 44 | CO2     | 000124-38-9 | 2    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032923\  
Data File : VD075536.D  
Acq On : 29 Mar 2023 17:03  
Operator : KP/SY  
Sample : 02121-15  
Misc : 5.04G/10.00ml/MSVOA\_D/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
C1188

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM030123SMA.M  
Quant Title : SFAM01.0

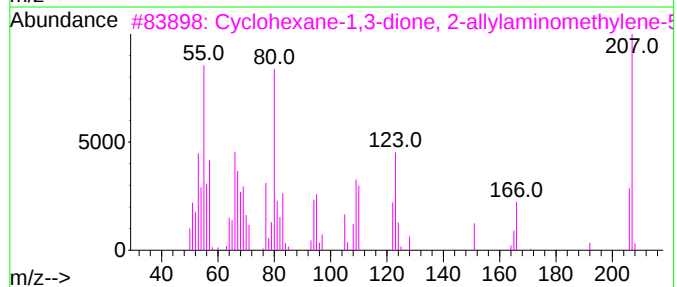
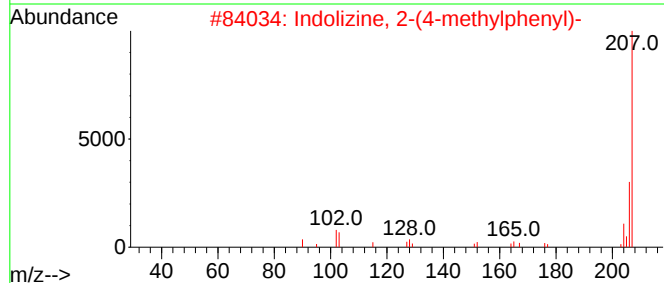
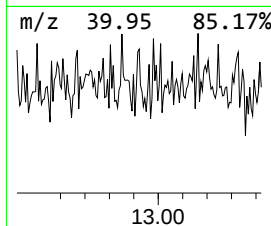
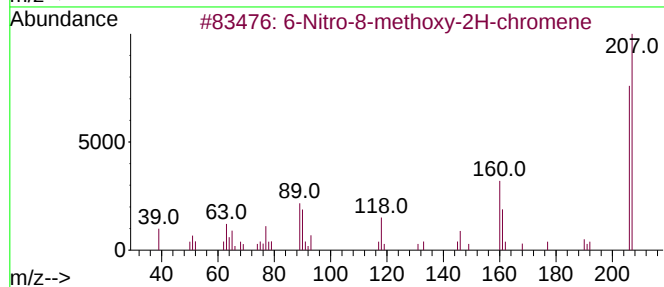
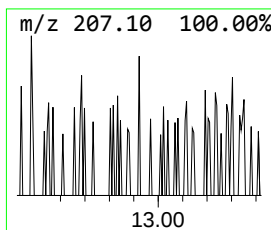
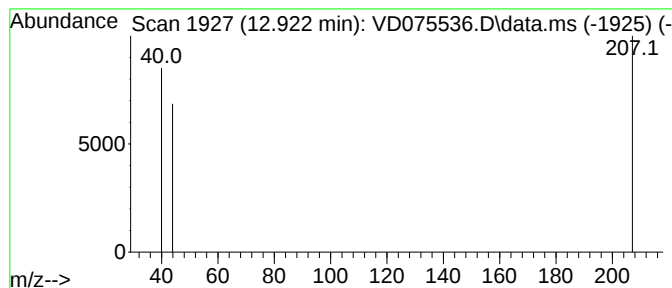
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 unknown-03 Concentration Rank 12

| R.T.   | EstConc   | Area | Relative to ISTD       | R.T.   |
|--------|-----------|------|------------------------|--------|
| 12.922 | 3.12 ug/L | 671  | 1,4-Dichlorobenzene-d4 | 13.522 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | 6-Nitro-8-methoxy-2H-chromene       | 207 | C10H9NO4  | 062063-07-4 | 2    |
| 2    |    |   | Indolizine, 2-(4-methylphenyl)-     | 207 | C15H13N   | 007496-81-3 | 2    |
| 3    |    |   | Cyclohexane-1,3-dione, 2-allylam... | 207 | C12H17NO2 | 104926-37-6 | 2    |
| 4    |    |   | Carbon dioxide                      | 44  | CO2       | 000124-38-9 | 2    |
| 5    |    |   | Carbon dioxide                      | 44  | CO2       | 000124-38-9 | 2    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032923\  
Data File : VD075536.D  
Acq On : 29 Mar 2023 17:03  
Operator : KP/SY  
Sample : 02121-15  
Misc : 5.04G/10.00ml/MSVOA\_D/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
C1188

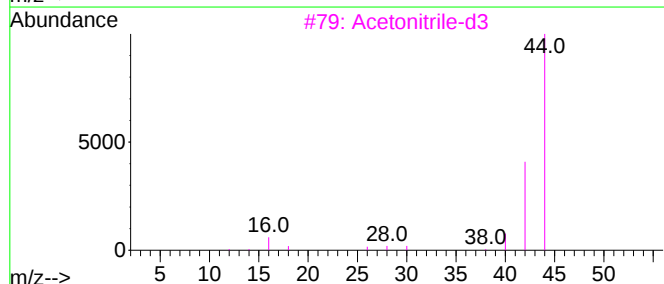
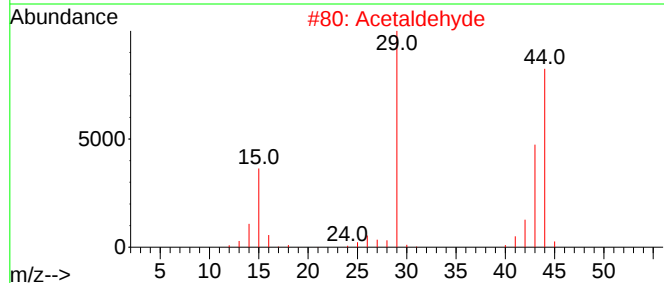
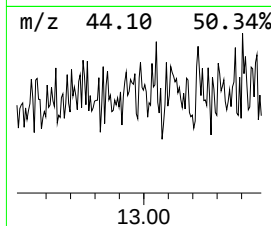
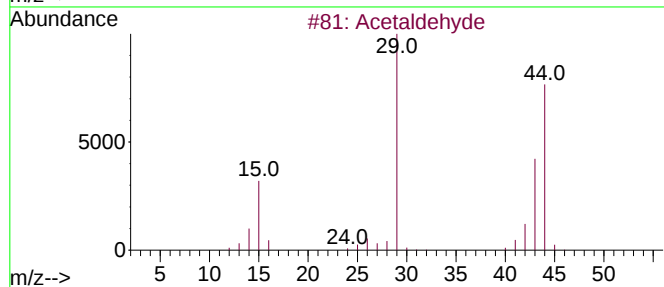
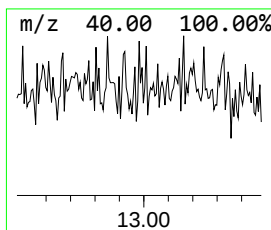
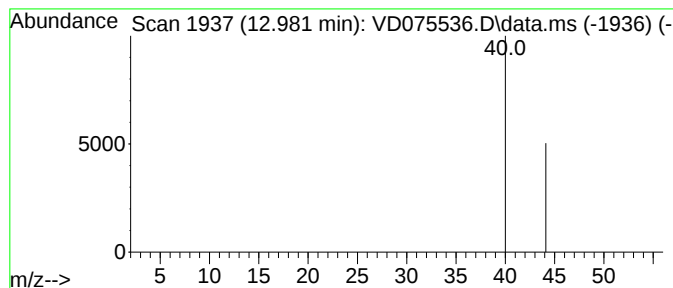
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Quant Title : SFAM01.0

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

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Peak Number 9 unknown-04 Concentration Rank 13

| R.T.   | EstConc   | Area | Relative to ISTD       | R.T.   |
|--------|-----------|------|------------------------|--------|
| 12.981 | 3.12 ug/L | 671  | 1,4-Dichlorobenzene-d4 | 13.522 |

| Hit# | of | 5 | Tentative ID    | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------|----|---------|-------------|------|
| 1    |    |   | Acetaldehyde    | 44 | C2H4O   | 000075-07-0 | 2    |
| 2    |    |   | Acetaldehyde    | 44 | C2H4O   | 000075-07-0 | 2    |
| 3    |    |   | Acetonitrile-d3 | 44 | C2D3N   | 002206-26-0 | 2    |
| 4    |    |   | Acetonitrile-d3 | 44 | C2D3N   | 002206-26-0 | 2    |
| 5    |    |   | Carbon dioxide  | 44 | CO2     | 000124-38-9 | 2    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032923\  
Data File : VD075536.D  
Acq On : 29 Mar 2023 17:03  
Operator : KP/SY  
Sample : 02121-15  
Misc : 5.04G/10.00ml/MSVOA\_D/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
C1188

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM030123SMA.M  
Quant Title : SFAM01.0

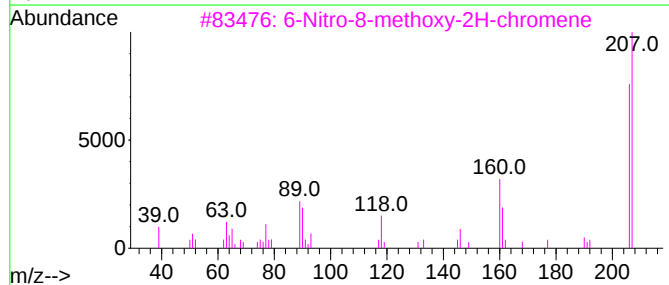
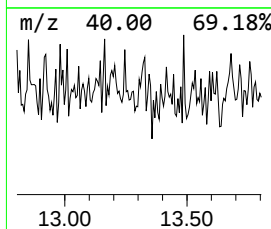
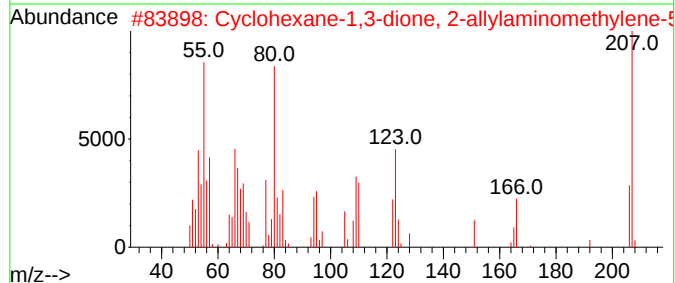
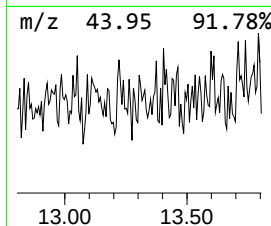
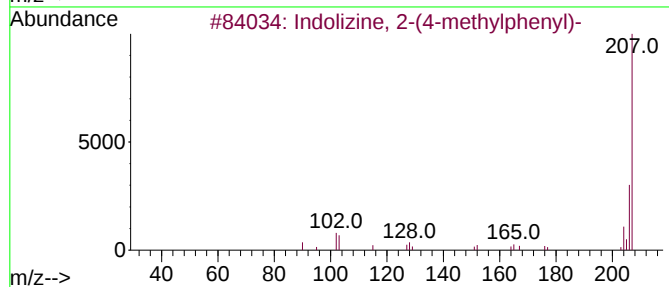
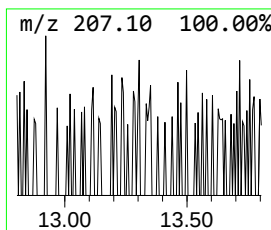
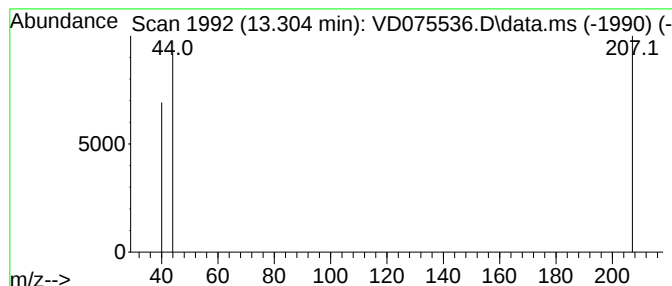
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 unknown-05 Concentration Rank 23

| R.T.   | EstConc   | Area | Relative to ISTD       | R.T.   |
|--------|-----------|------|------------------------|--------|
| 13.304 | 2.09 ug/L | 448  | 1,4-Dichlorobenzene-d4 | 13.522 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Indolizine, 2-(4-methylphenyl)-     | 207 | C15H13N   | 007496-81-3 | 2    |
| 2    |    |   | Cyclohexane-1,3-dione, 2-allylam... | 207 | C12H17NO2 | 104926-37-6 | 2    |
| 3    |    |   | 6-Nitro-8-methoxy-2H-chromene       | 207 | C10H9NO4  | 062063-07-4 | 2    |
| 4    |    |   | Carbon dioxide                      | 44  | CO2       | 000124-38-9 | 2    |
| 5    |    |   | Carbon dioxide                      | 44  | CO2       | 000124-38-9 | 2    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032923\  
Data File : VD075536.D  
Acq On : 29 Mar 2023 17:03  
Operator : KP/SY  
Sample : 02121-15  
Misc : 5.04G/10.00ml/MSVOA\_D/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
C1188

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM030123SMA.M  
Quant Title : SFAM01.0

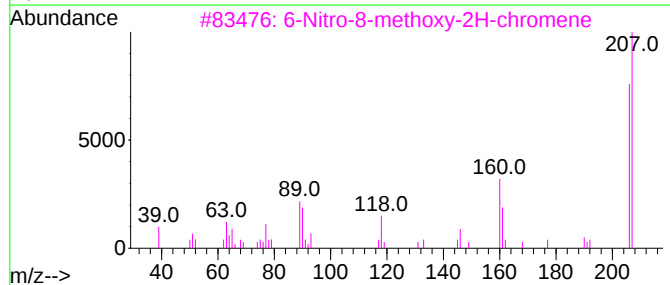
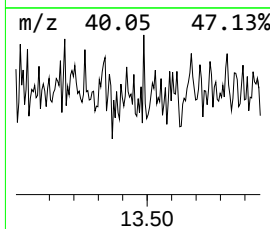
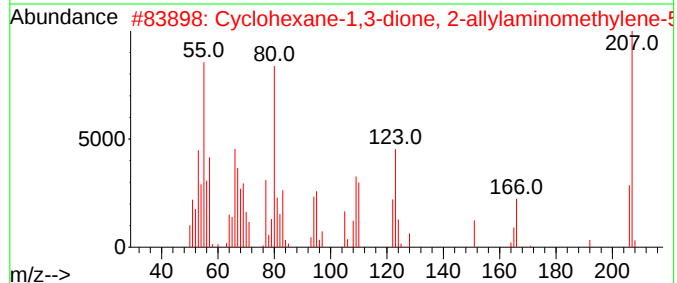
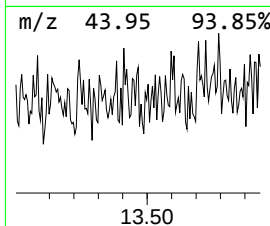
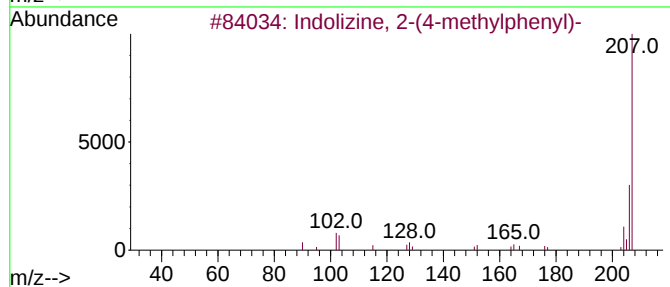
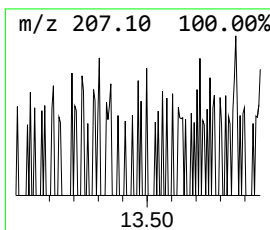
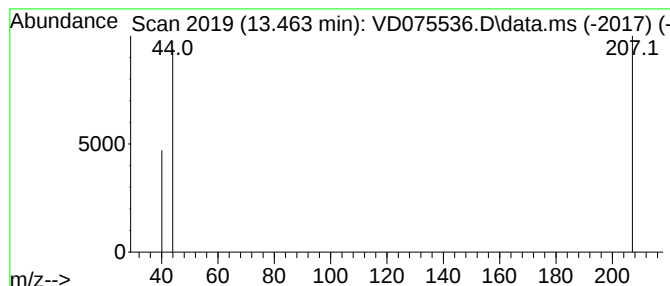
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 unknown-06 Concentration Rank 15

| R.T.   | EstConc   | Area | Relative to ISTD       | R.T.   |
|--------|-----------|------|------------------------|--------|
| 13.463 | 2.87 ug/L | 617  | 1,4-Dichlorobenzene-d4 | 13.522 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Indolizine, 2-(4-methylphenyl)-     | 207 | C15H13N   | 007496-81-3 | 2    |
| 2    |    |   | Cyclohexane-1,3-dione, 2-allylam... | 207 | C12H17NO2 | 104926-37-6 | 2    |
| 3    |    |   | 6-Nitro-8-methoxy-2H-chromene       | 207 | C10H9NO4  | 062063-07-4 | 2    |
| 4    |    |   | Nitrous oxide                       | 44  | N2O       | 010024-97-2 | 2    |
| 5    |    |   | Acetonitrile-d3                     | 44  | C2D3N     | 002206-26-0 | 2    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032923\  
Data File : VD075536.D  
Acq On : 29 Mar 2023 17:03  
Operator : KP/SY  
Sample : 02121-15  
Misc : 5.04G/10.00ml/MSVOA\_D/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
C1188

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM030123SMA.M  
Quant Title : SFAM01.0

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

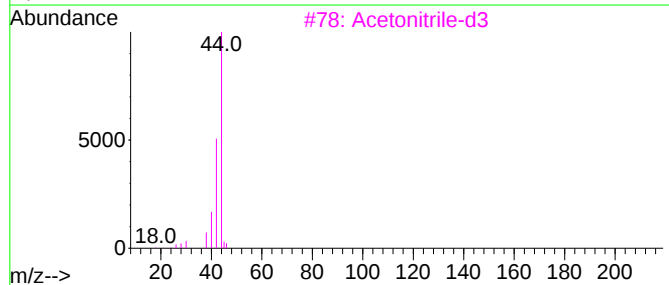
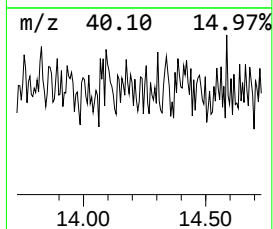
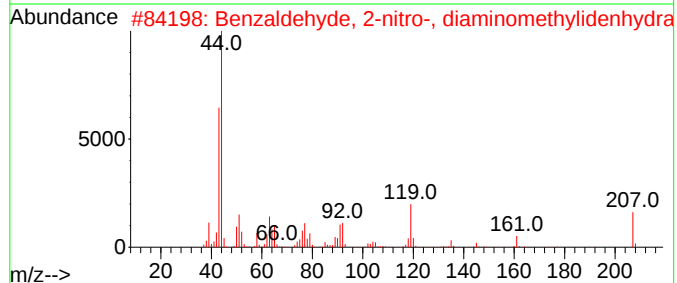
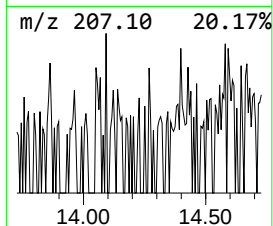
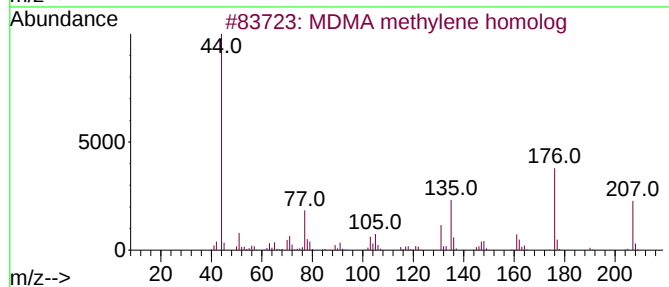
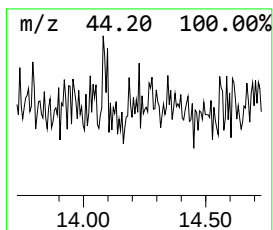
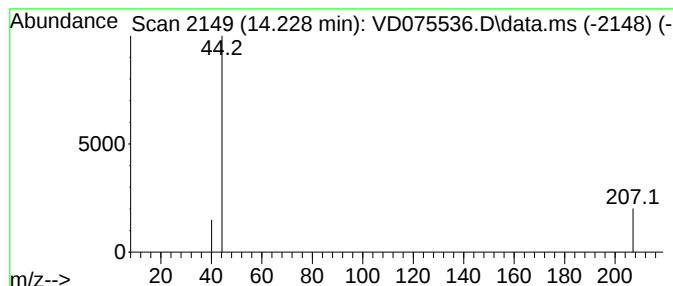
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Peak Number 13 unknown-07

Concentration Rank 22

| R.T.   | EstConc   | Area | Relative to ISTD       | R.T.   |
|--------|-----------|------|------------------------|--------|
| 14.228 | 2.30 ug/L | 495  | 1,4-Dichlorobenzene-d4 | 13.522 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | MDMA methylene homolog              | 207 | C12H17NO2 | 1010386-32-2 | 4    |
| 2    |    |   | Benzaldehyde, 2-nitro-, diaminom... | 207 | C8H9N5O2  | 102632-31-5  | 4    |
| 3    |    |   | Acetonitrile-d3                     | 44  | C2D3N     | 002206-26-0  | 3    |
| 4    |    |   | Acetonitrile-d3                     | 44  | C2D3N     | 002206-26-0  | 3    |
| 5    |    |   | Propane                             | 44  | C3H8      | 000074-98-6  | 3    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032923\  
Data File : VD075536.D  
Acq On : 29 Mar 2023 17:03  
Operator : KP/SY  
Sample : 02121-15  
Misc : 5.04G/10.00ml/MSVOA\_D/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
C1188

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM030123SMA.M  
Quant Title : SFAM01.0

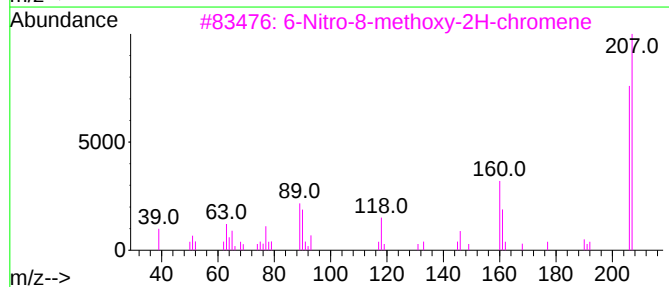
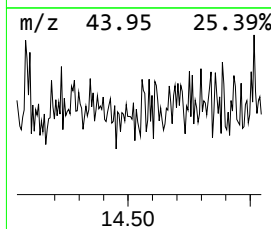
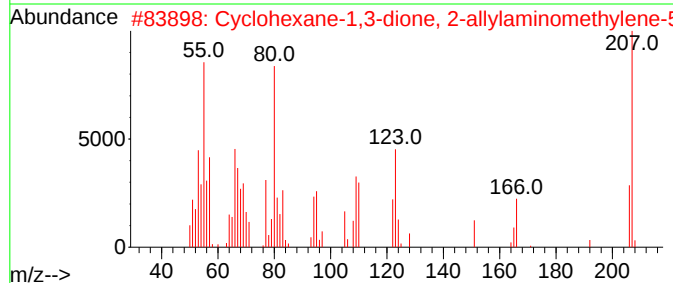
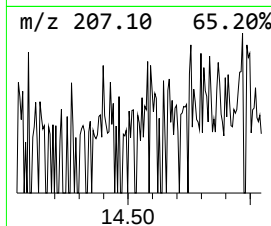
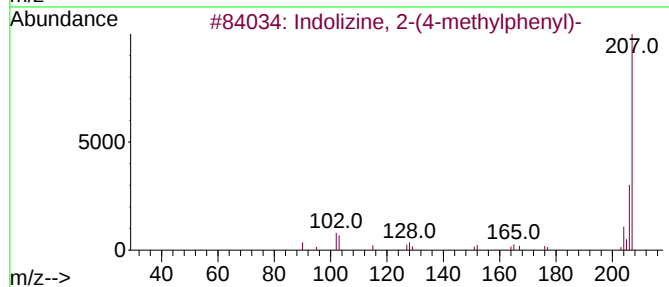
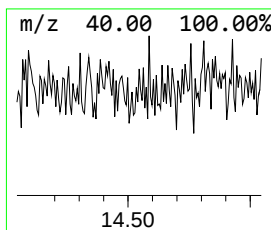
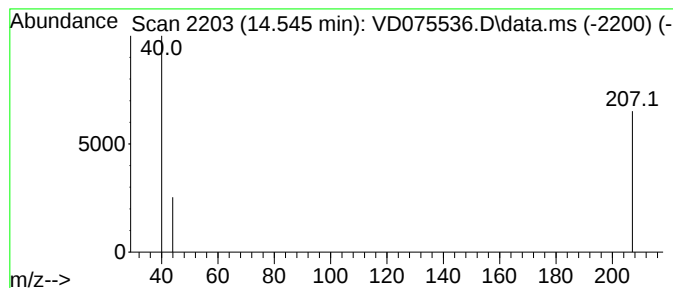
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TIC Integration Parameters: LSCINT.P

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Peak Number 14 unknown-08 Concentration Rank 14

| R.T.   | EstConc   | Area | Relative to ISTD       | R.T.   |
|--------|-----------|------|------------------------|--------|
| 14.545 | 3.01 ug/L | 647  | 1,4-Dichlorobenzene-d4 | 13.522 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Indolizine, 2-(4-methylphenyl)-     | 207 | C15H13N   | 007496-81-3 | 2    |
| 2    |    |   | Cyclohexane-1,3-dione, 2-allylam... | 207 | C12H17NO2 | 104926-37-6 | 2    |
| 3    |    |   | 6-Nitro-8-methoxy-2H-chromene       | 207 | C10H9NO4  | 062063-07-4 | 2    |
| 4    |    |   | Ethylene oxide                      | 44  | C2H4O     | 000075-21-8 | 2    |
| 5    |    |   | Acetaldehyde                        | 44  | C2H4O     | 000075-07-0 | 2    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032923\  
Data File : VD075536.D  
Acq On : 29 Mar 2023 17:03  
Operator : KP/SY  
Sample : 02121-15  
Misc : 5.04G/10.00ml/MSVOA\_D/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
C1188

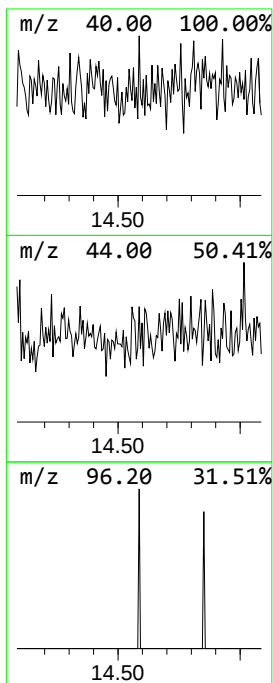
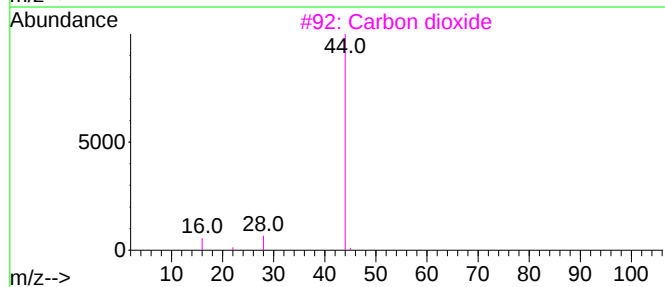
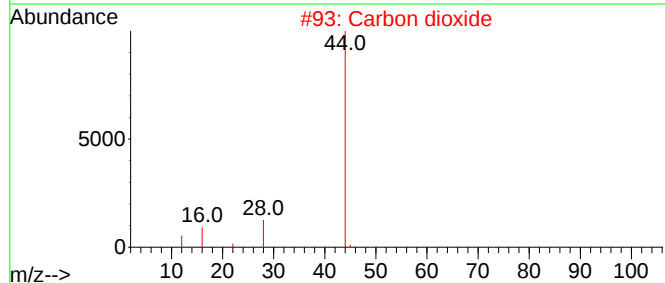
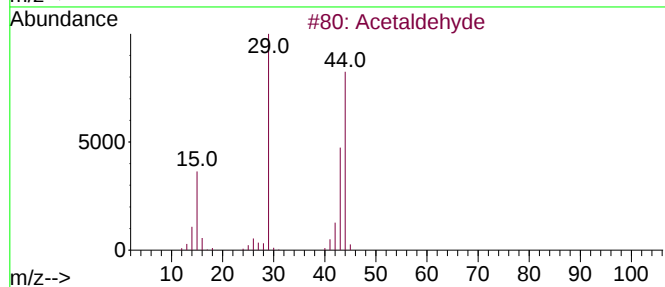
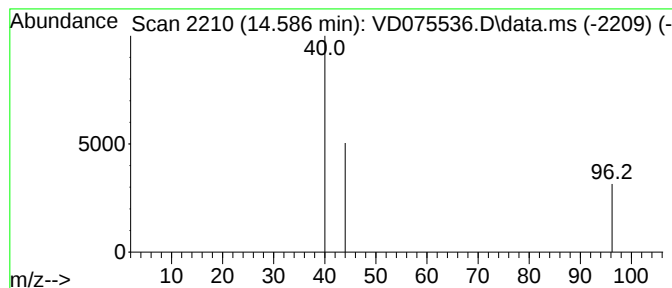
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Quant Title : SFAM01.0

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

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Peak Number 15 unknown-09 Concentration Rank 19

| R.T.   | EstConc   | Area | Relative to ISTD       | R.T.   |
|--------|-----------|------|------------------------|--------|
| 14.586 | 2.50 ug/L | 536  | 1,4-Dichlorobenzene-d4 | 13.522 |

| Hit# | of | 5 | Tentative ID    | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------|----|---------|-------------|------|
| 1    |    |   | Acetaldehyde    | 44 | C2H4O   | 000075-07-0 | 2    |
| 2    |    |   | Carbon dioxide  | 44 | CO2     | 000124-38-9 | 2    |
| 3    |    |   | Carbon dioxide  | 44 | CO2     | 000124-38-9 | 2    |
| 4    |    |   | Ethyne, fluoro- | 44 | C2HF    | 002713-09-9 | 2    |
| 5    |    |   | Nitrous oxide   | 44 | N2O     | 010024-97-2 | 2    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032923\  
Data File : VD075536.D  
Acq On : 29 Mar 2023 17:03  
Operator : KP/SY  
Sample : 02121-15  
Misc : 5.04G/10.00ml/MSVOA\_D/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
C1188

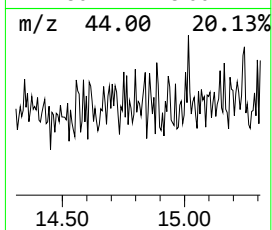
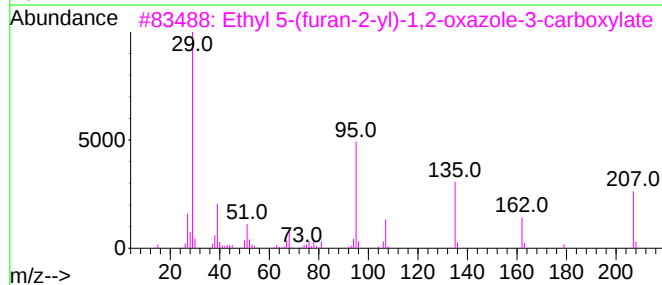
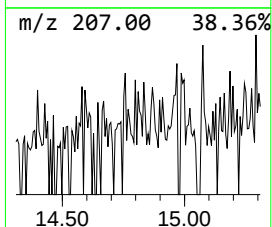
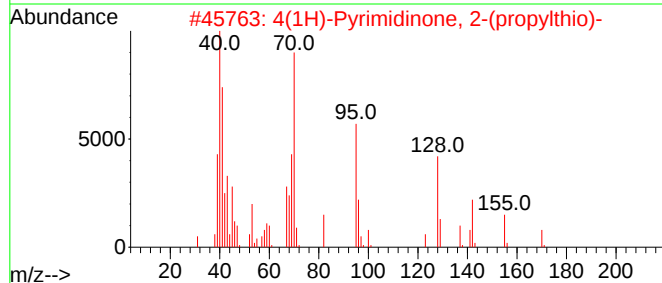
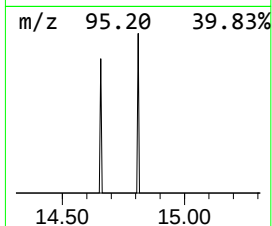
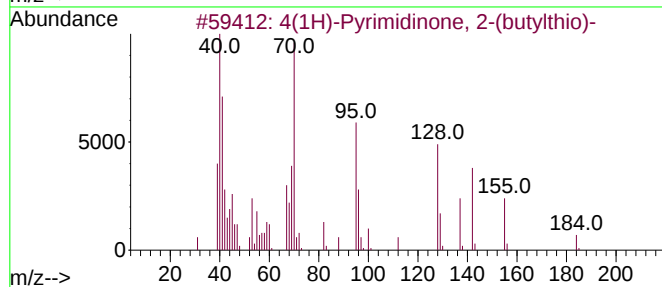
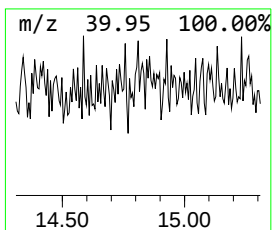
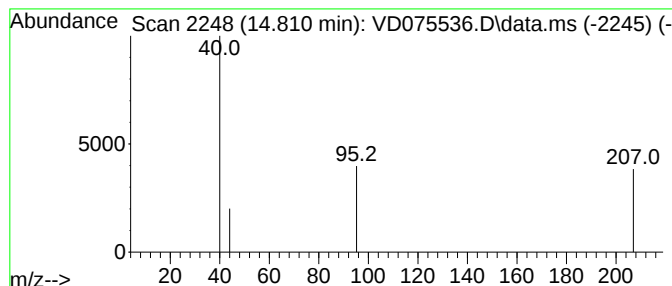
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Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 16 unknown-10 Concentration Rank 8

| R.T.   | EstConc   | Area | Relative to ISTD       | R.T.   |
|--------|-----------|------|------------------------|--------|
| 14.810 | 3.83 ug/L | 823  | 1,4-Dichlorobenzene-d4 | 13.522 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 4(1H)-Pyrimidinone, 2-(butylthio)-  | 184 | C8H12N2OS | 054774-97-9  | 2    |
| 2    |    |   | 4(1H)-Pyrimidinone, 2-(propylthio)- | 170 | C7H10N2OS | 054460-95-6  | 2    |
| 3    |    |   | Ethyl 5-(furan-2-yl)-1,2-oxazole... | 207 | C10H9N04  | 1000411-40-9 | 2    |
| 4    |    |   | Spirohexan-4-one, 5-chloro-6,6-d... | 158 | C8H11ClO  | 110079-16-8  | 2    |
| 5    |    |   | N-Trifluoroacetylimidazole          | 164 | C5H3F3N2O | 001546-79-8  | 2    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032923\  
Data File : VD075536.D  
Acq On : 29 Mar 2023 17:03  
Operator : KP/SY  
Sample : 02121-15  
Misc : 5.04G/10.00ml/MSVOA\_D/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
C1188

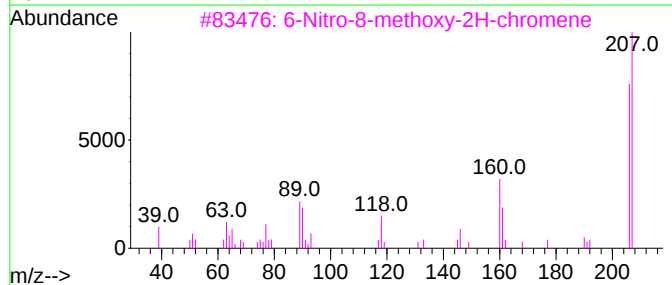
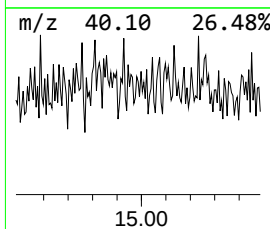
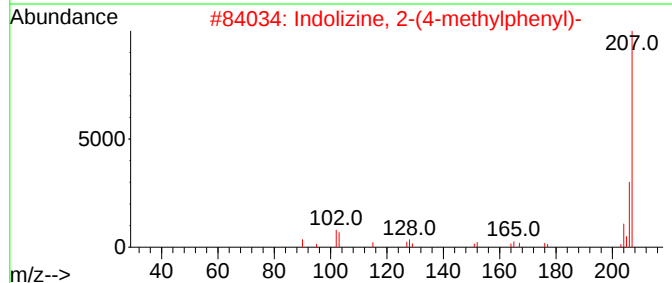
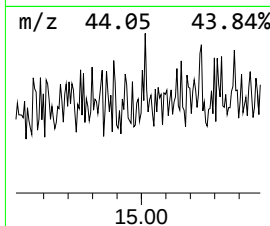
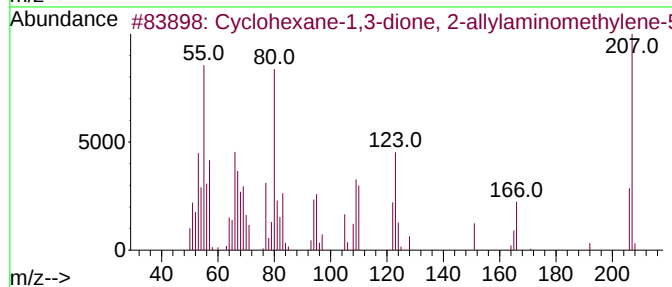
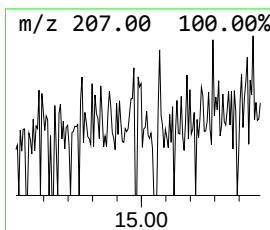
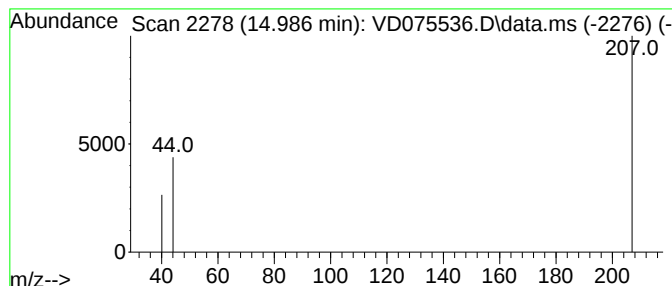
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Quant Title : SFAM01.0

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

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Peak Number 17 unknown-11 Concentration Rank 20

| R.T.   | EstConc   | Area | Relative to ISTD       | R.T.   |
|--------|-----------|------|------------------------|--------|
| 14.986 | 2.46 ug/L | 529  | 1,4-Dichlorobenzene-d4 | 13.522 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Cyclohexane-1,3-dione, 2-allylam... | 207 | C12H17NO2 | 104926-37-6 | 2    |
| 2    |    |   | Indolizine, 2-(4-methylphenyl)-     | 207 | C15H13N   | 007496-81-3 | 2    |
| 3    |    |   | 6-Nitro-8-methoxy-2H-chromene       | 207 | C10H9NO4  | 062063-07-4 | 2    |
| 4    |    |   | Acetaldehyde                        | 44  | C2H4O     | 000075-07-0 | 2    |
| 5    |    |   | Acetaldehyde                        | 44  | C2H4O     | 000075-07-0 | 2    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032923\  
Data File : VD075536.D  
Acq On : 29 Mar 2023 17:03  
Operator : KP/SY  
Sample : 02121-15  
Misc : 5.04G/10.00ml/MSVOA\_D/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
C1188

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM030123SMA.M  
Quant Title : SFAM01.0

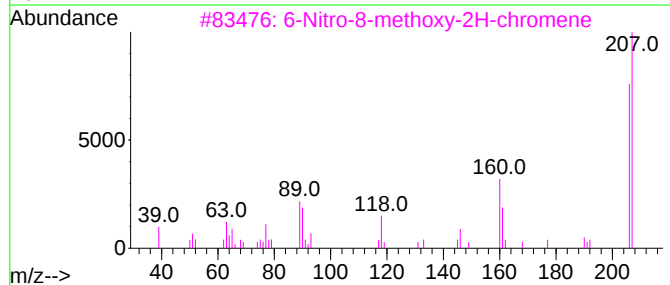
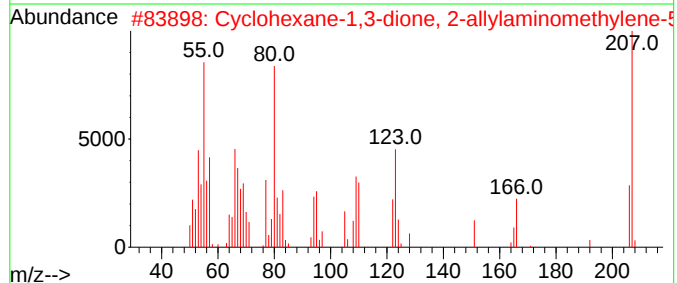
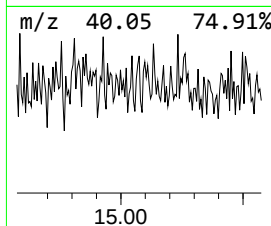
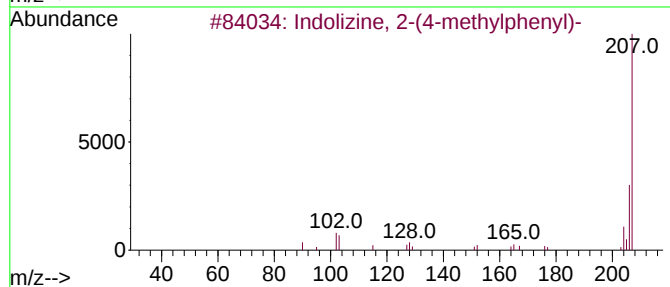
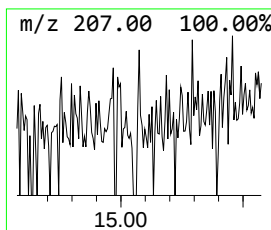
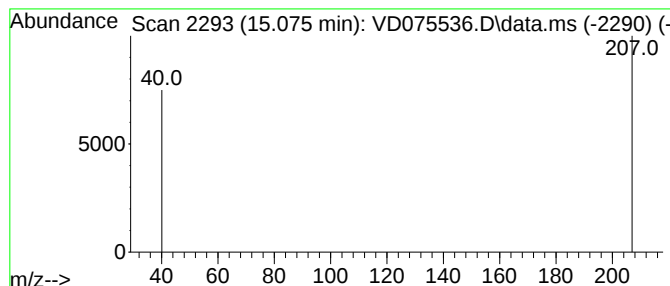
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TIC Integration Parameters: LSCINT.P

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Peak Number 18 unknown-12 Concentration Rank 11

| R.T.   | EstConc   | Area | Relative to ISTD       | R.T.   |
|--------|-----------|------|------------------------|--------|
| 15.075 | 3.31 ug/L | 712  | 1,4-Dichlorobenzene-d4 | 13.522 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm     | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Indolizine, 2-(4-methylphenyl)-      | 207 | C15H13N     | 007496-81-3  | 2    |
| 2    |    |   | Cyclohexane-1,3-dione, 2-allylam...  | 207 | C12H17NO2   | 104926-37-6  | 2    |
| 3    |    |   | 6-Nitro-8-methoxy-2H-chromene        | 207 | C10H9NO4    | 062063-07-4  | 2    |
| 4    |    |   | Ethyl 5-(furan-2-yl)-1,2-oxazole...  | 207 | C10H9NO4    | 1000411-40-9 | 2    |
| 5    |    |   | 4-Methyl-2,4-bis(p-hydroxyphenyl)... | 412 | C24H36O2Si2 | 1000283-56-8 | 1    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032923\  
Data File : VD075536.D  
Acq On : 29 Mar 2023 17:03  
Operator : KP/SY  
Sample : 02121-15  
Misc : 5.04G/10.00ml/MSVOA\_D/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
C1188

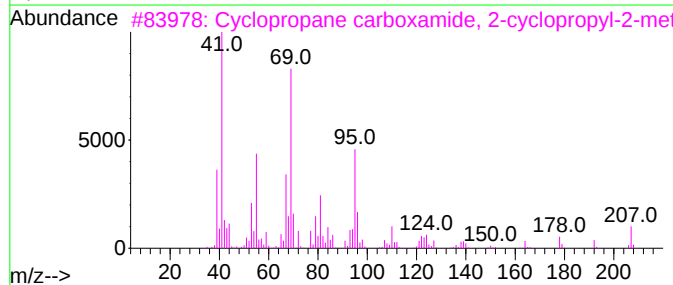
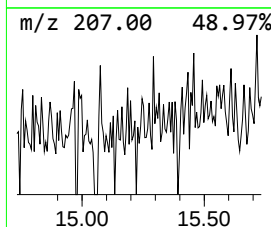
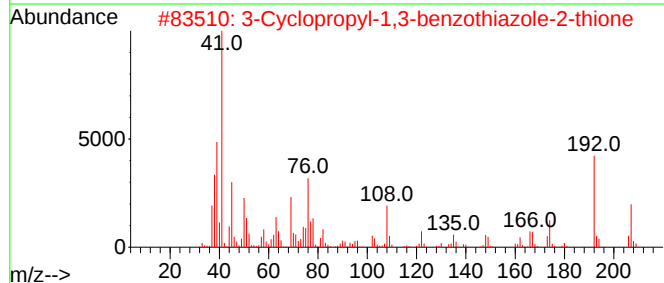
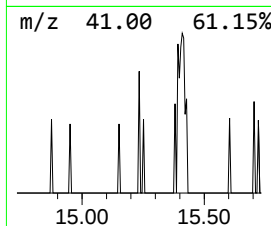
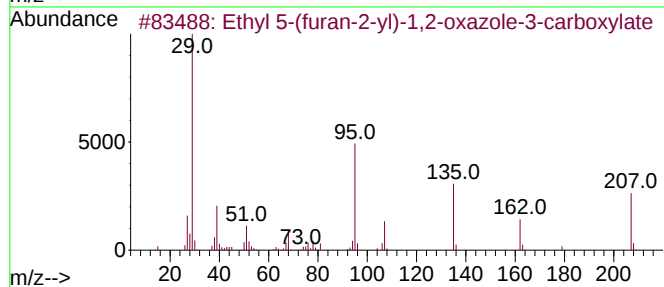
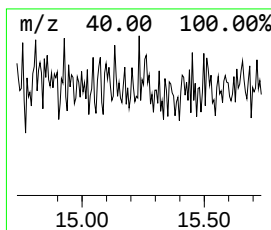
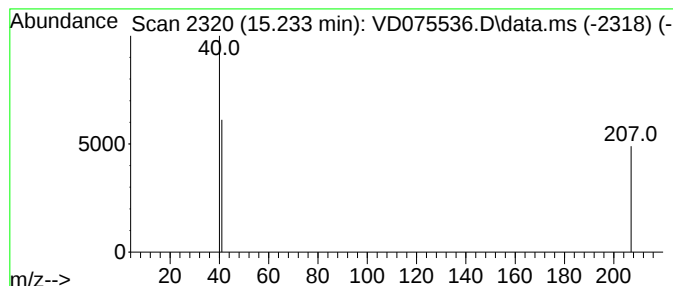
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Quant Title : SFAM01.0

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

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Peak Number 19 unknown-13 Concentration Rank 5

| R.T.   | EstConc   | Area | Relative to ISTD       | R.T.   |
|--------|-----------|------|------------------------|--------|
| 15.233 | 5.87 ug/L | 1260 | 1,4-Dichlorobenzene-d4 | 13.522 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Ethyl 5-(furan-2-yl)-1,2-oxazole... | 207 | C10H9N04 | 1000411-40-9 | 2    |
| 2    |    |   | 3-Cyclopropyl-1,3-benzothiazole...  | 207 | C10H9NS2 | 1000410-30-3 | 2    |
| 3    |    |   | Cyclopropane carboxamide, 2-cycl... | 207 | C13H21NO | 331416-19-4  | 1    |
| 4    |    |   | Pyrazine, ethoxy-                   | 124 | C6H8N2O  | 038028-67-0  | 1    |
| 5    |    |   | Methyl isocyanide                   | 41  | C2H3N    | 000593-75-9  | 1    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032923\  
Data File : VD075536.D  
Acq On : 29 Mar 2023 17:03  
Operator : KP/SY  
Sample : 02121-15  
Misc : 5.04G/10.00ml/MSVOA\_D/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
C1188

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM030123SMA.M  
Quant Title : SFAM01.0

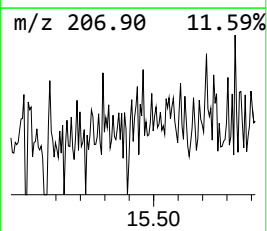
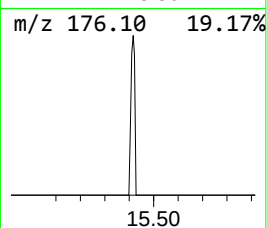
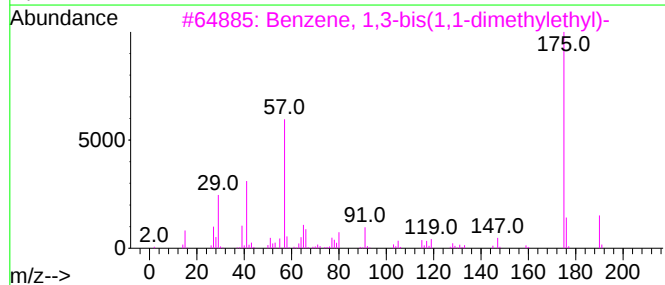
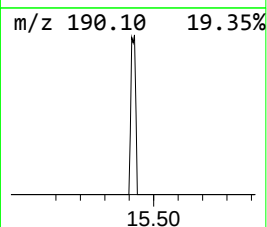
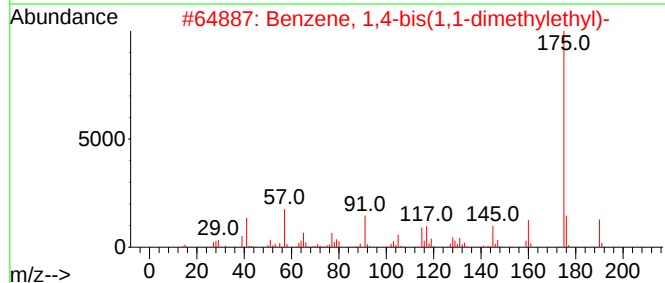
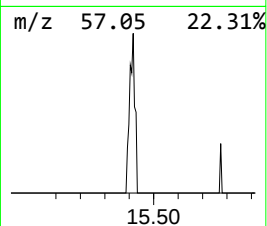
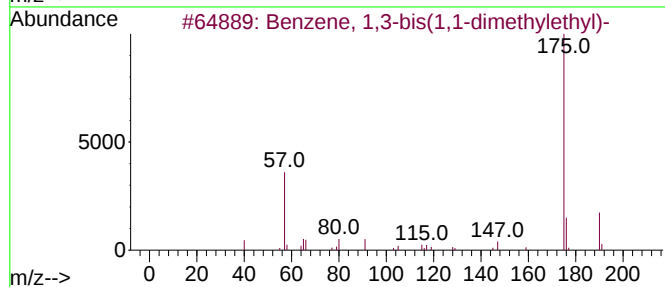
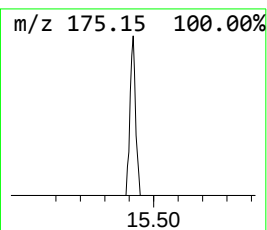
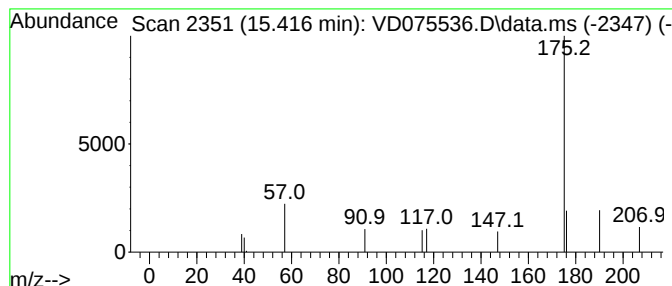
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TIC Integration Parameters: LSCINT.P

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Peak Number 20 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 2

| R.T.   | EstConc    | Area | Relative to ISTD       | R.T.   |
|--------|------------|------|------------------------|--------|
| 15.416 | 37.65 ug/L | 8088 | 1,4-Dichlorobenzene-d4 | 13.522 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,3-bis(1,1-dimethyleth... | 190 | C14H22  | 001014-60-4 | 72   |
| 2    |    |   | Benzene, 1,4-bis(1,1-dimethyleth... | 190 | C14H22  | 001012-72-2 | 72   |
| 3    |    |   | Benzene, 1,3-bis(1,1-dimethyleth... | 190 | C14H22  | 001014-60-4 | 64   |
| 4    |    |   | Benzene, 1,4-dimethyl-2,5-bis(1-... | 190 | C14H22  | 010375-96-9 | 64   |
| 5    |    |   | Benzenepropanal, 4-(1,1-dimethyl... | 190 | C13H18O | 018127-01-0 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032923\  
Data File : VD075536.D  
Acq On : 29 Mar 2023 17:03  
Operator : KP/SY  
Sample : 02121-15  
Misc : 5.04G/10.00ml/MSVOA\_D/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
C1188

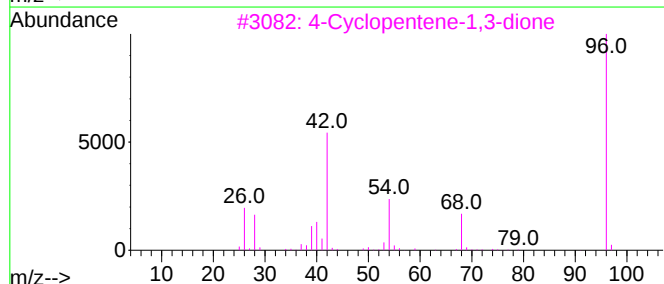
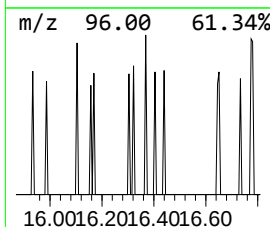
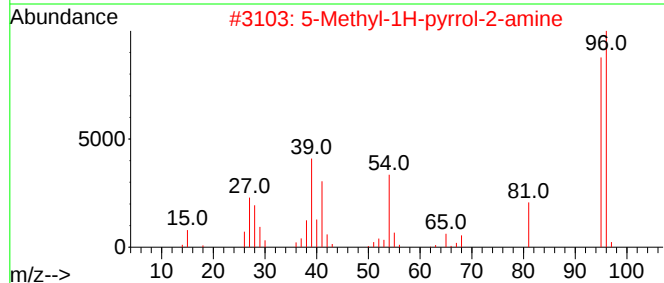
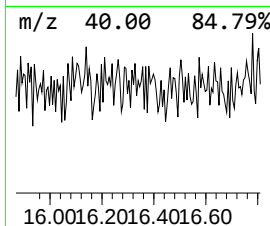
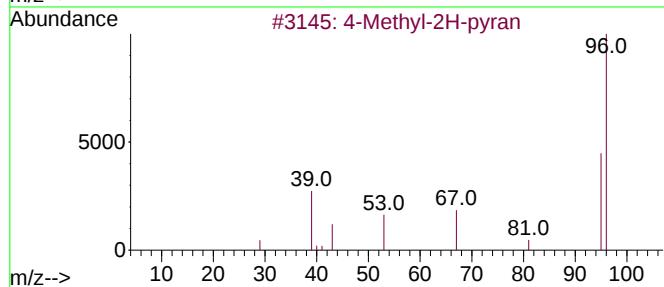
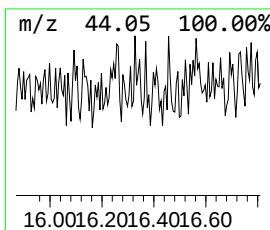
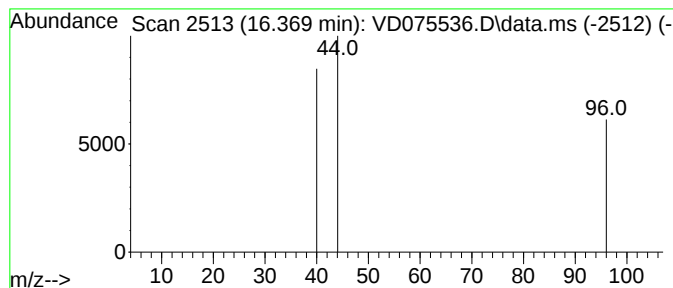
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Quant Title : SFAM01.0

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

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Peak Number 21 unknown-14 Concentration Rank 17

| R.T.   | EstConc   | Area | Relative to ISTD       | R.T.   |
|--------|-----------|------|------------------------|--------|
| 16.369 | 2.87 ug/L | 616  | 1,4-Dichlorobenzene-d4 | 13.522 |

| Hit# | of 5 | Tentative ID               | MW | MolForm | CAS#         | Qual |
|------|------|----------------------------|----|---------|--------------|------|
| 1    |      | 4-Methyl-2H-pyran          | 96 | C6H8O   | 1000432-32-7 | 2    |
| 2    |      | 5-Methyl-1H-pyrrol-2-amine | 96 | C5H8N2  | 1000436-81-3 | 2    |
| 3    |      | 4-Cyclopentene-1,3-dione   | 96 | C5H4O2  | 000930-60-9  | 2    |
| 4    |      | 1-Silacyclohexa-2,5-diene  | 96 | C5H8Si  | 081200-77-3  | 2    |
| 5    |      | Furan, 2,5-dimethyl-       | 96 | C6H8O   | 000625-86-5  | 2    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032923\  
Data File : VD075536.D  
Acq On : 29 Mar 2023 17:03  
Operator : KP/SY  
Sample : 02121-15  
Misc : 5.04G/10.00ml/MSVOA\_D/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
C1188

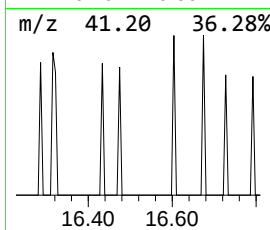
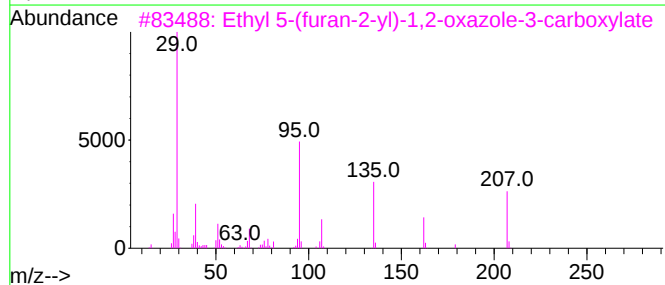
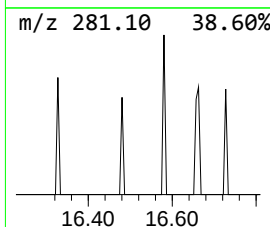
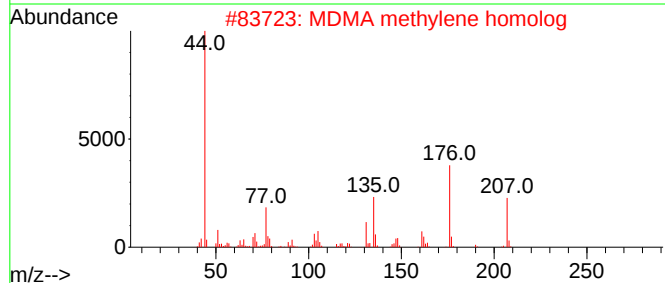
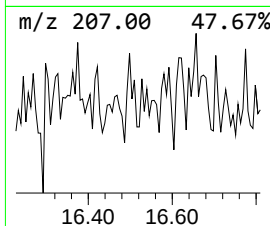
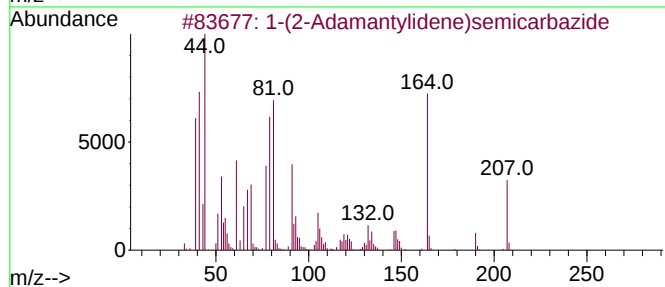
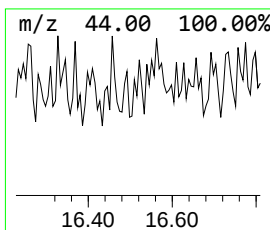
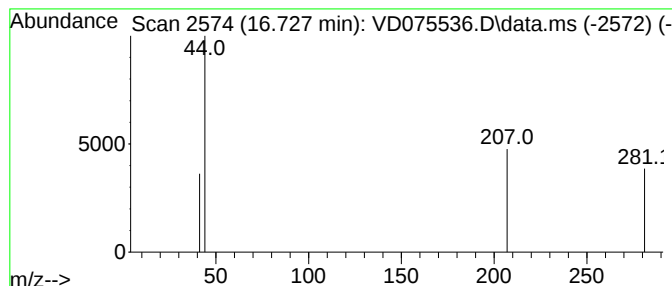
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM030123SMA.M  
Quant Title : SFAM01.0

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

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Peak Number 22 unknown-15 Concentration Rank 6

| R.T.   | EstConc   | Area | Relative to ISTD       | R.T.   |
|--------|-----------|------|------------------------|--------|
| 16.727 | 4.82 ug/L | 1035 | 1,4-Dichlorobenzene-d4 | 13.522 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 1-(2-Adamantylidene)semicarbazide   | 207 | C11H17N3O  | 065814-27-9  | 4    |
| 2    |    |   | MDMA methylene homolog              | 207 | C12H17NO2  | 1010386-32-2 | 2    |
| 3    |    |   | Ethyl 5-(furan-2-yl)-1,2-oxazole... | 207 | C10H9NO4   | 1000411-40-9 | 2    |
| 4    |    |   | Ethyl 2-((diethoxyphosphoryl)oxy... | 308 | C9H16F3O6P | 1000298-09-4 | 1    |
| 5    |    |   | Benzaldehyde, 2-nitro-, diaminom... | 207 | C8H9N5O2   | 102632-31-5  | 1    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032923\  
Data File : VD075536.D  
Acq On : 29 Mar 2023 17:03  
Operator : KP/SY  
Sample : 02121-15  
Misc : 5.04G/10.00ml/MSVOA\_D/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
C1188

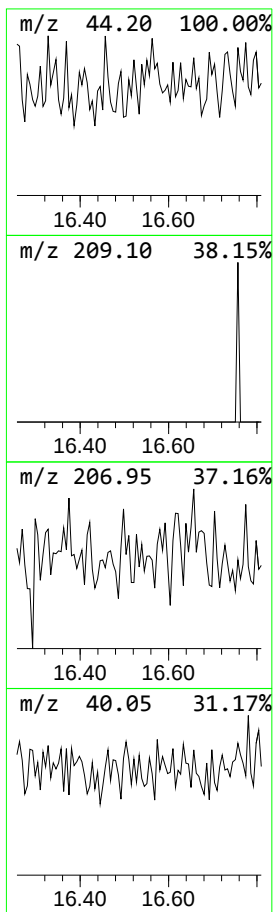
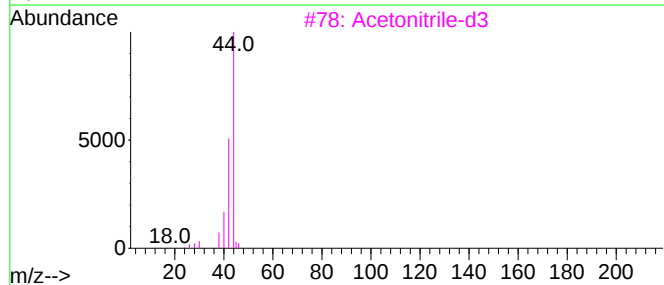
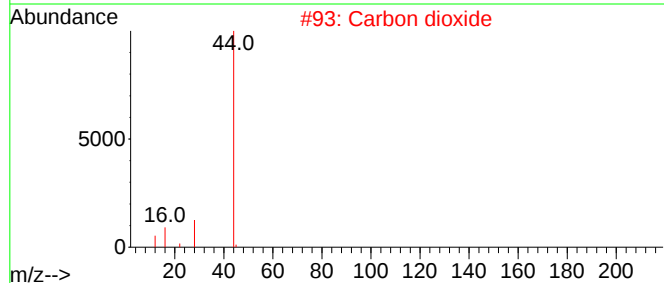
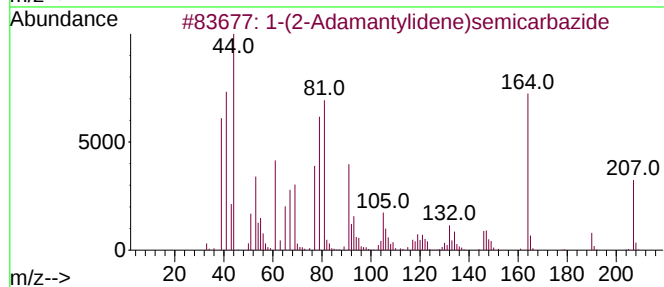
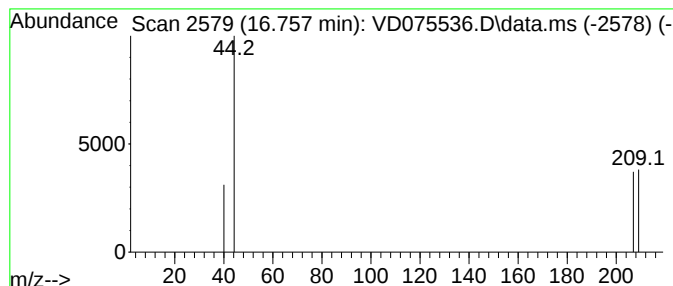
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM030123SMA.M  
Quant Title : SFAM01.0

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

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Peak Number 23 unknown-16 Concentration Rank 21

| R.T.   | EstConc   | Area | Relative to ISTD       | R.T.   |
|--------|-----------|------|------------------------|--------|
| 16.757 | 2.36 ug/L | 508  | 1,4-Dichlorobenzene-d4 | 13.522 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|-----------|-------------|------|
| 1    |    |   | 1-(2-Adamantylidene)semicarbazide | 207 | C11H17N3O | 065814-27-9 | 4    |
| 2    |    |   | Carbon dioxide                    | 44  | CO2       | 000124-38-9 | 2    |
| 3    |    |   | Acetonitrile-d3                   | 44  | C2D3N     | 002206-26-0 | 2    |
| 4    |    |   | Acetaldehyde                      | 44  | C2H4O     | 000075-07-0 | 2    |
| 5    |    |   | Carbon dioxide                    | 44  | CO2       | 000124-38-9 | 2    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032923\  
 Data File : VD075536.D  
 Acq On : 29 Mar 2023 17:03  
 Operator : KP/SY  
 Sample : 02121-15  
 Misc : 5.04G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 C1188

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM030123SMA.M  
 Quant Title : SFAM01.0

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Acetaldehyde       | 2.422  | 3.4     | ug/L  | 20690    | 1                     | 8.781  | 151499 | 25.0 |
| unknown-01         | 12.804 | 3.3     | ug/L  | 712      | 3                     | 13.522 | 5370   | 25.0 |
| unknown-02         | 12.851 | 2.8     | ug/L  | 608      | 3                     | 13.522 | 5370   | 25.0 |
| unknown-03         | 12.922 | 3.1     | ug/L  | 671      | 3                     | 13.522 | 5370   | 25.0 |
| unknown-04         | 12.981 | 3.1     | ug/L  | 671      | 3                     | 13.522 | 5370   | 25.0 |
| unknown-05         | 13.304 | 2.1     | ug/L  | 448      | 3                     | 13.522 | 5370   | 25.0 |
| unknown-06         | 13.463 | 2.9     | ug/L  | 617      | 3                     | 13.522 | 5370   | 25.0 |
| unknown-07         | 14.228 | 2.3     | ug/L  | 495      | 3                     | 13.522 | 5370   | 25.0 |
| unknown-08         | 14.545 | 3.0     | ug/L  | 647      | 3                     | 13.522 | 5370   | 25.0 |
| unknown-09         | 14.586 | 2.5     | ug/L  | 536      | 3                     | 13.522 | 5370   | 25.0 |
| unknown-10         | 14.810 | 3.8     | ug/L  | 823      | 3                     | 13.522 | 5370   | 25.0 |
| unknown-11         | 14.986 | 2.5     | ug/L  | 529      | 3                     | 13.522 | 5370   | 25.0 |
| unknown-12         | 15.075 | 3.3     | ug/L  | 712      | 3                     | 13.522 | 5370   | 25.0 |
| unknown-13         | 15.233 | 5.9     | ug/L  | 1260     | 3                     | 13.522 | 5370   | 25.0 |
| Benzene, 1,3-bi... | 15.416 | 37.6    | ug/L  | 8088     | 3                     | 13.522 | 5370   | 25.0 |
| unknown-14         | 16.369 | 2.9     | ug/L  | 616      | 3                     | 13.522 | 5370   | 25.0 |
| unknown-15         | 16.727 | 4.8     | ug/L  | 1035     | 3                     | 13.522 | 5370   | 25.0 |
| unknown-16         | 16.757 | 2.4     | ug/L  | 508      | 3                     | 13.522 | 5370   | 25.0 |