

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW090723\  
 Data File : VW027001.D  
 Acq On : 07 Sep 2023 13:48  
 Operator : SY/MD  
 Sample : 04330-06  
 Misc : 8.31g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EZYX7

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\SFAMWLM090523SMA.M  
 Title : SFAM01.0

Signal : TIC: VW027001.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         | 1.954       | 7             | 11          | 19           | rVB      | 37617          | 58257         | 2.73%           | 0.315%        |
| 2         | 2.009       | 19            | 20          | 27           | rVB7     | 3024           | 4781          | 0.22%           | 0.026%        |
| 3         | 2.101       | 30            | 35          | 39           | rBV7     | 4936           | 8534          | 0.40%           | 0.046%        |
| 4         | 2.180       | 45            | 48          | 49           | rBV3     | 6551           | 5903          | 0.28%           | 0.032%        |
| 5         | 2.235       | 50            | 57          | 58           | rBV7     | 12964          | 25148         | 1.18%           | 0.136%        |
| 6         | 2.363       | 71            | 78          | 91           | rBV2     | 88435          | 271558        | 12.73%          | 1.468%        |
| 7         | 2.893       | 158           | 165         | 179          | rVB2     | 92126          | 267530        | 12.54%          | 1.446%        |
| 8         | 3.387       | 239           | 246         | 255          | rVV3     | 23020          | 57740         | 2.71%           | 0.312%        |
| 9         | 3.741       | 299           | 304         | 307          | rBV7     | 2522           | 4631          | 0.22%           | 0.025%        |
| 10        | 3.869       | 323           | 325         | 328          | rVB4     | 3289           | 4074          | 0.19%           | 0.022%        |
| 11        | 4.027       | 339           | 351         | 361          | rVV2     | 146452         | 548235        | 25.69%          | 2.963%        |
| 12        | 4.112       | 361           | 365         | 381          | rVB2     | 57635          | 170989        | 8.01%           | 0.924%        |
| 13        | 4.387       | 398           | 410         | 423          | rVV      | 82790          | 288976        | 13.54%          | 1.562%        |
| 14        | 4.503       | 423           | 429         | 435          | rVV2     | 8214           | 25310         | 1.19%           | 0.137%        |
| 15        | 4.759       | 466           | 471         | 476          | rBV9     | 2719           | 4971          | 0.23%           | 0.027%        |
| 16        | 4.929       | 497           | 499         | 502          | rBV4     | 5397           | 8018          | 0.38%           | 0.043%        |
| 17        | 5.429       | 573           | 581         | 582          | rBV3     | 10977          | 21060         | 0.99%           | 0.114%        |
| 18        | 5.710       | 625           | 627         | 629          | rBV3     | 2887           | 3414          | 0.16%           | 0.018%        |
| 19        | 5.789       | 633           | 640         | 646          | rVB10    | 4742           | 13677         | 0.64%           | 0.074%        |
| 20        | 5.941       | 656           | 665         | 675          | rBV2     | 42920          | 128632        | 6.03%           | 0.695%        |
| 21        | 6.319       | 726           | 727         | 734          | rVB7     | 2974           | 4238          | 0.20%           | 0.023%        |
| 22        | 6.898       | 813           | 822         | 823          | rBV7     | 8117           | 15525         | 0.73%           | 0.084%        |
| 23        | 7.081       | 843           | 852         | 858          | rBV      | 68419          | 199211        | 9.34%           | 1.077%        |
| 24        | 7.533       | 921           | 926         | 927          | rBV5     | 3019           | 4486          | 0.21%           | 0.024%        |
| 25        | 7.654       | 937           | 946         | 962          | rVB3     | 276610         | 934157        | 43.78%          | 5.048%        |
| 26        | 7.923       | 980           | 990         | 997          | rBV      | 37909          | 87608         | 4.11%           | 0.473%        |
| 27        | 8.032       | 1002          | 1008        | 1018         | rVB4     | 11272          | 29337         | 1.37%           | 0.159%        |
| 28        | 8.154       | 1018          | 1028        | 1037         | rVB2     | 62655          | 140874        | 6.60%           | 0.761%        |
| 29        | 8.276       | 1037          | 1048        | 1063         | rBV2     | 711541         | 2133716       | 100.00%         | 11.531%       |
| 30        | 8.429       | 1066          | 1073        | 1080         | rVB10    | 8879           | 26529         | 1.24%           | 0.143%        |
| 31        | 8.526       | 1084          | 1089        | 1091         | rBV5     | 5150           | 8720          | 0.41%           | 0.047%        |
| 32        | 8.557       | 1091          | 1094        | 1095         | rBV3     | 3830           | 4796          | 0.22%           | 0.026%        |
| 33        | 8.691       | 1108          | 1116        | 1130         | rBV      | 104347         | 224870        | 10.54%          | 1.215%        |
| 34        | 8.843       | 1132          | 1141        | 1154         | rBV      | 885790         | 1788522       | 83.82%          | 9.666%        |
| 35        | 9.002       | 1162          | 1167        | 1171         | rVB8     | 3754           | 6773          | 0.32%           | 0.037%        |
| 36        | 9.075       | 1171          | 1179        | 1188         | rBV      | 353494         | 709693        | 33.26%          | 3.835%        |

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 EZYX7

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\SFAMWLM090523SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 37 | 9.276  | 1201 | 1212 | 1220 | rBV  | 507975  | 1055002 | 49.44% | 5.702%  |
| 38 | 9.404  | 1226 | 1233 | 1244 | rVB3 | 19530   | 69073   | 3.24%  | 0.373%  |
| 39 | 9.514  | 1244 | 1251 | 1257 | rBV3 | 12219   | 29958   | 1.40%  | 0.162%  |
| 40 | 9.605  | 1264 | 1266 | 1271 | rVB5 | 3142    | 4673    | 0.22%  | 0.025%  |
| 41 | 9.666  | 1271 | 1276 | 1284 | rBV8 | 5814    | 17388   | 0.81%  | 0.094%  |
| 42 | 9.746  | 1284 | 1289 | 1293 | rBV5 | 7818    | 14935   | 0.70%  | 0.081%  |
| 43 | 9.849  | 1303 | 1306 | 1308 | rBV4 | 3219    | 4343    | 0.20%  | 0.023%  |
| 44 | 9.898  | 1310 | 1314 | 1318 | rVV4 | 15282   | 27588   | 1.29%  | 0.149%  |
| 45 | 9.959  | 1318 | 1324 | 1327 | rVV  | 57036   | 111480  | 5.22%  | 0.602%  |
| 46 | 9.989  | 1327 | 1329 | 1331 | rVV  | 39293   | 47162   | 2.21%  | 0.255%  |
| 47 | 10.032 | 1331 | 1336 | 1342 | rVV  | 230016  | 427539  | 20.04% | 2.311%  |
| 48 | 10.093 | 1342 | 1346 | 1358 | rVV  | 91696   | 210682  | 9.87%  | 1.139%  |
| 49 | 10.325 | 1375 | 1384 | 1390 | rBV  | 811784  | 1483630 | 69.53% | 8.018%  |
| 50 | 10.392 | 1390 | 1395 | 1400 | rVB  | 37449   | 72658   | 3.41%  | 0.393%  |
| 51 | 10.501 | 1406 | 1413 | 1419 | rBV  | 144202  | 244257  | 11.45% | 1.320%  |
| 52 | 10.575 | 1419 | 1425 | 1431 | rBV  | 153636  | 280624  | 13.15% | 1.517%  |
| 53 | 10.697 | 1439 | 1445 | 1451 | rBV  | 24864   | 45501   | 2.13%  | 0.246%  |
| 54 | 10.849 | 1464 | 1470 | 1475 | rVB6 | 13757   | 25285   | 1.19%  | 0.137%  |
| 55 | 10.922 | 1475 | 1482 | 1496 | rBV  | 186163  | 363056  | 17.02% | 1.962%  |
| 56 | 11.032 | 1497 | 1500 | 1502 | rBV  | 10749   | 15153   | 0.71%  | 0.082%  |
| 57 | 11.068 | 1502 | 1506 | 1510 | rVB3 | 24091   | 34654   | 1.62%  | 0.187%  |
| 58 | 11.136 | 1515 | 1517 | 1520 | rVB4 | 7391    | 7320    | 0.34%  | 0.040%  |
| 59 | 11.178 | 1520 | 1524 | 1527 | rBV6 | 8162    | 11654   | 0.55%  | 0.063%  |
| 60 | 11.221 | 1528 | 1531 | 1536 | rBV7 | 7247    | 13192   | 0.62%  | 0.071%  |
| 61 | 11.257 | 1536 | 1537 | 1539 | rBV2 | 5381    | 5757    | 0.27%  | 0.031%  |
| 62 | 11.343 | 1547 | 1551 | 1553 | rBV4 | 8537    | 13214   | 0.62%  | 0.071%  |
| 63 | 11.404 | 1553 | 1561 | 1573 | rVB2 | 69418   | 173223  | 8.12%  | 0.936%  |
| 64 | 11.507 | 1573 | 1578 | 1585 | rBV  | 63920   | 107524  | 5.04%  | 0.581%  |
| 65 | 11.629 | 1591 | 1598 | 1608 | rVB  | 1143509 | 1888699 | 88.52% | 10.207% |
| 66 | 11.727 | 1609 | 1614 | 1620 | rBV4 | 24255   | 44160   | 2.07%  | 0.239%  |
| 67 | 11.843 | 1620 | 1633 | 1642 | rBV3 | 80353   | 182735  | 8.56%  | 0.988%  |
| 68 | 11.922 | 1642 | 1646 | 1650 | rBV7 | 5658    | 11832   | 0.55%  | 0.064%  |
| 69 | 12.056 | 1666 | 1668 | 1672 | rVB4 | 3791    | 3729    | 0.17%  | 0.020%  |
| 70 | 12.093 | 1672 | 1674 | 1677 | rVB4 | 5247    | 4393    | 0.21%  | 0.024%  |
| 71 | 12.129 | 1677 | 1680 | 1683 | rBV5 | 9058    | 15718   | 0.74%  | 0.085%  |
| 72 | 12.239 | 1693 | 1698 | 1704 | rBV7 | 12862   | 28135   | 1.32%  | 0.152%  |
| 73 | 12.300 | 1704 | 1708 | 1709 | rBV4 | 3892    | 4948    | 0.23%  | 0.027%  |
| 74 | 12.337 | 1709 | 1714 | 1718 | rBV2 | 30388   | 57058   | 2.67%  | 0.308%  |
| 75 | 12.471 | 1734 | 1736 | 1738 | rBV3 | 6169    | 6080    | 0.28%  | 0.033%  |
| 76 | 12.605 | 1754 | 1758 | 1762 | rVB2 | 23752   | 34187   | 1.60%  | 0.185%  |

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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EZYX7

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\SFAMWLM090523SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |       |        |         |        |        |
|-----|--------|------|------|------|-------|--------|---------|--------|--------|
| 77  | 12.647 | 1762 | 1765 | 1767 | rVV2  | 13624  | 15746   | 0.74%  | 0.085% |
| 78  | 12.690 | 1767 | 1772 | 1778 | rVB   | 138901 | 217740  | 10.20% | 1.177% |
| 79  | 12.751 | 1780 | 1782 | 1786 | rVB5  | 7868   | 7814    | 0.37%  | 0.042% |
| 80  | 12.830 | 1793 | 1795 | 1798 | rVB4  | 6198   | 4942    | 0.23%  | 0.027% |
| 81  | 12.928 | 1806 | 1811 | 1819 | rVB2  | 42442  | 70488   | 3.30%  | 0.381% |
| 82  | 13.397 | 1883 | 1888 | 1894 | rBV6  | 25301  | 43785   | 2.05%  | 0.237% |
| 83  | 13.483 | 1899 | 1902 | 1903 | rBV3  | 6601   | 7771    | 0.36%  | 0.042% |
| 84  | 13.556 | 1907 | 1914 | 1926 | rVB   | 900241 | 1417343 | 66.43% | 7.660% |
| 85  | 13.848 | 1956 | 1962 | 1969 | rBV   | 539723 | 914555  | 42.86% | 4.943% |
| 86  | 14.013 | 1987 | 1989 | 1991 | rBV3  | 4629   | 4393    | 0.21%  | 0.024% |
| 87  | 14.062 | 1993 | 1997 | 2007 | rVB   | 29160  | 53955   | 2.53%  | 0.292% |
| 88  | 14.281 | 2025 | 2033 | 2036 | rBV10 | 11676  | 30776   | 1.44%  | 0.166% |
| 89  | 14.324 | 2036 | 2040 | 2046 | rVB4  | 28781  | 48838   | 2.29%  | 0.264% |
| 90  | 14.489 | 2065 | 2067 | 2070 | rBV4  | 4580   | 4061    | 0.19%  | 0.022% |
| 91  | 14.623 | 2085 | 2089 | 2094 | rVB6  | 19630  | 34033   | 1.60%  | 0.184% |
| 92  | 14.714 | 2101 | 2104 | 2112 | rVB7  | 9495   | 17338   | 0.81%  | 0.094% |
| 93  | 14.903 | 2133 | 2135 | 2136 | rBV2  | 5011   | 4215    | 0.20%  | 0.023% |
| 94  | 15.177 | 2176 | 2180 | 2182 | rBV5  | 10509  | 14798   | 0.69%  | 0.080% |
| 95  | 15.360 | 2205 | 2210 | 2217 | rBV2  | 44226  | 80704   | 3.78%  | 0.436% |
| 96  | 15.427 | 2218 | 2221 | 2224 | rVB4  | 7721   | 12077   | 0.57%  | 0.065% |
| 97  | 15.543 | 2237 | 2240 | 2241 | rBV3  | 6156   | 6858    | 0.32%  | 0.037% |
| 98  | 16.360 | 2372 | 2374 | 2376 | rBV3  | 4452   | 5540    | 0.26%  | 0.030% |
| 99  | 16.433 | 2381 | 2386 | 2391 | rBV3  | 11077  | 25085   | 1.18%  | 0.136% |
| 100 | 16.635 | 2415 | 2419 | 2426 | rVB9  | 9377   | 22256   | 1.04%  | 0.120% |

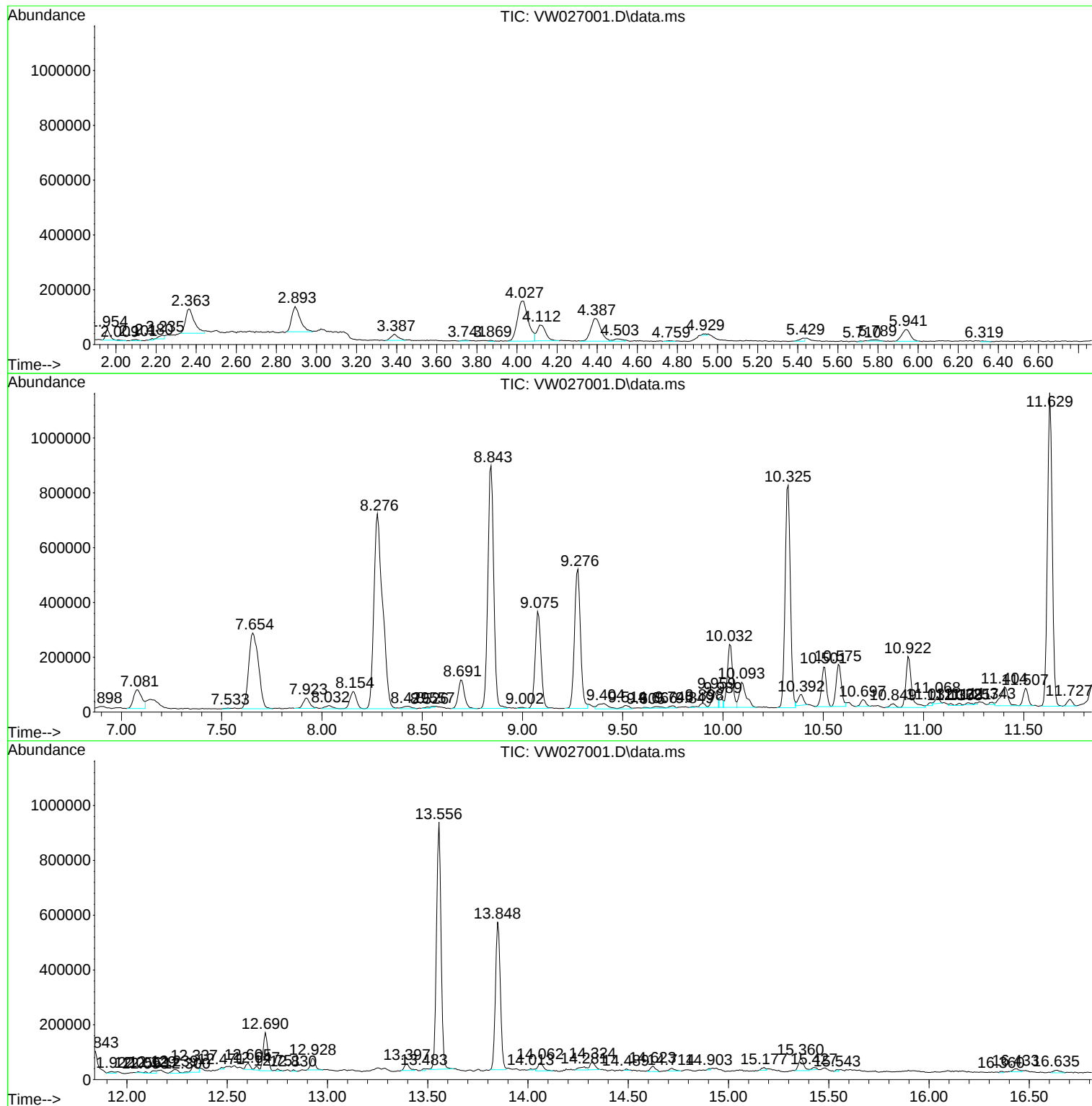
Sum of corrected areas: 18503803

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Instrument :  
MSVOA\_W  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW090723\  
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Instrument :  
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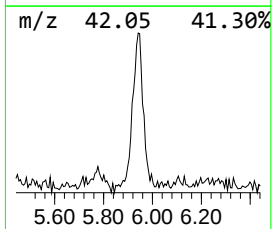
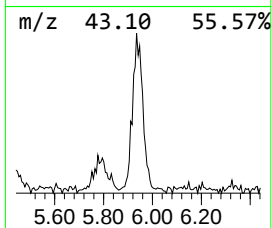
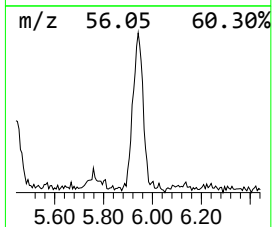
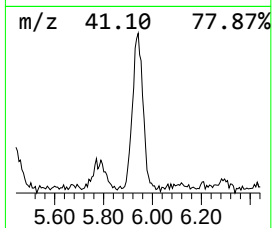
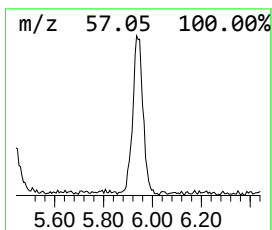
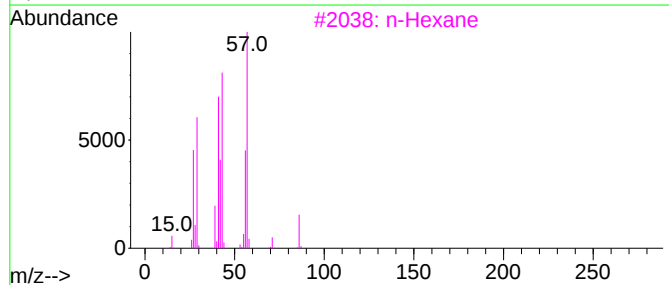
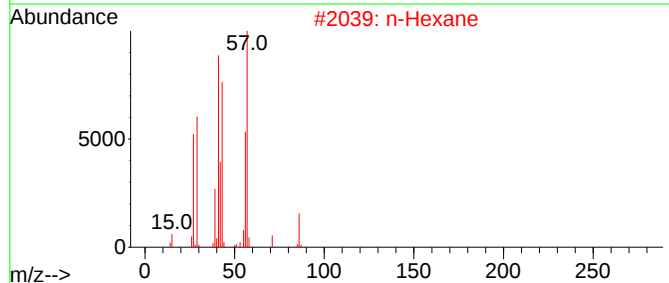
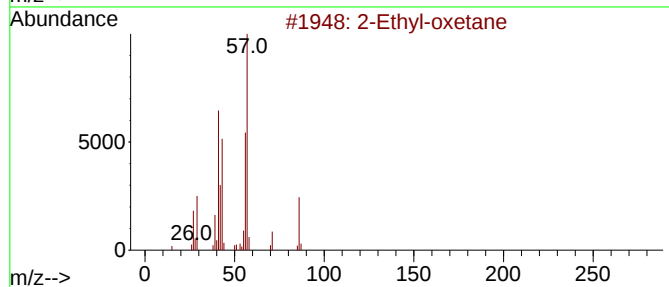
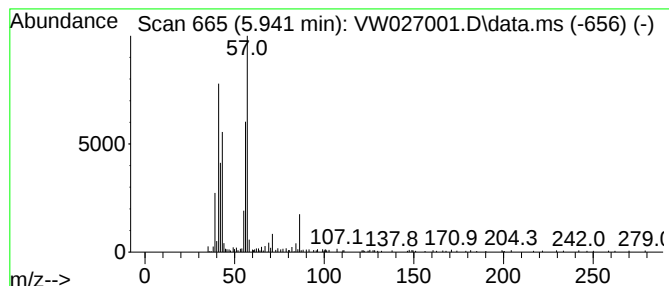
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 1 2-Ethyl-oxetane Concentration Rank 9

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 5.941 | 1.80 ug/L | 128632 | 1,4-Difluorobenzene | 8.843 |

| Hit# | of              | 5 | Tentative ID | MW | MolForm | CAS#         | Qual |
|------|-----------------|---|--------------|----|---------|--------------|------|
| 1    | 2-Ethyl-oxetane |   |              | 86 | C5H10O  | 1010386-40-2 | 80   |
| 2    | n-Hexane        |   |              | 86 | C6H14   | 000110-54-3  | 80   |
| 3    | n-Hexane        |   |              | 86 | C6H14   | 000110-54-3  | 80   |
| 4    | n-Hexane        |   |              | 86 | C6H14   | 000110-54-3  | 80   |
| 5    | n-Hexane        |   |              | 86 | C6H14   | 000110-54-3  | 58   |



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Quant Title : SFAM01.0

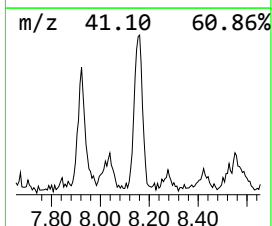
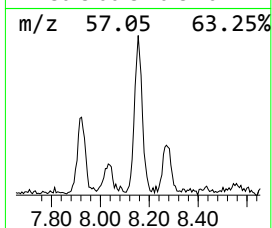
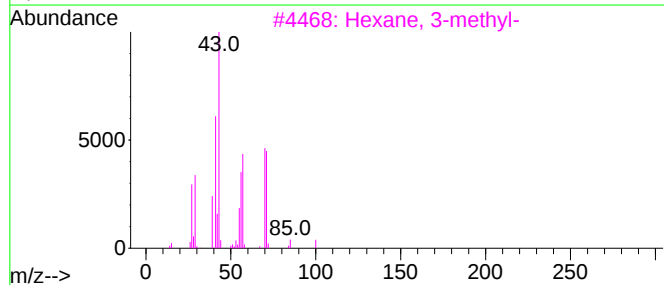
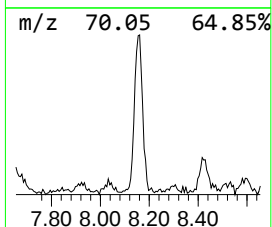
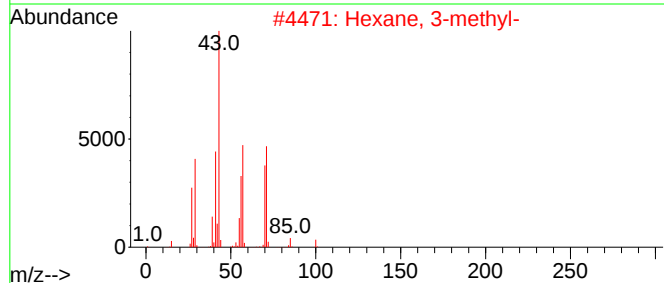
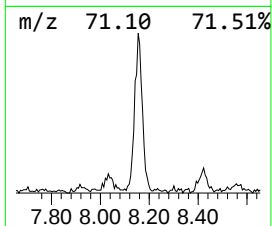
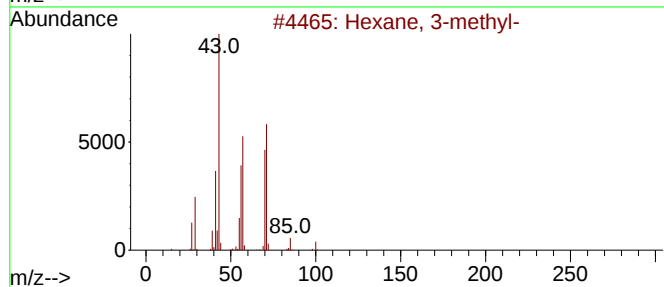
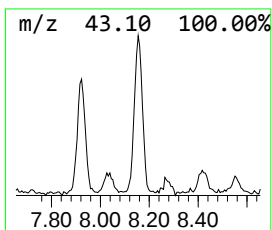
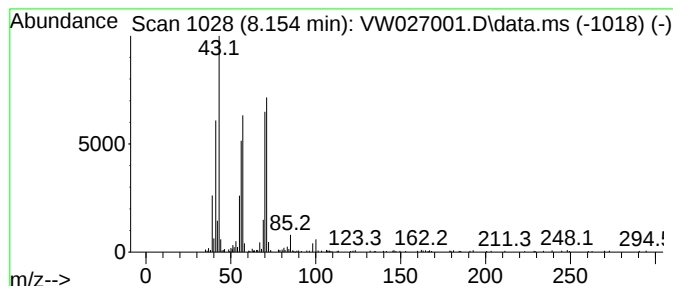
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 8.154 | 1.97 ug/L | 140874 | 1,4-Difluorobenzene | 8.843 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexane, 3-methyl-       | 100 | C7H16   | 000589-34-4 | 90   |
| 2    |    |   | Hexane, 3-methyl-       | 100 | C7H16   | 000589-34-4 | 90   |
| 3    |    |   | Hexane, 3-methyl-       | 100 | C7H16   | 000589-34-4 | 87   |
| 4    |    |   | 3,3-Dimethyl-2-pentanol | 116 | C7H16O  | 019781-24-9 | 50   |
| 5    |    |   | Pentane, 3-ethyl-       | 100 | C7H16   | 000617-78-7 | 49   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW090723\  
Data File : VW027001.D  
Acq On : 07 Sep 2023 13:48  
Operator : SY/MD  
Sample : 04330-06  
Misc : 8.31g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYX7

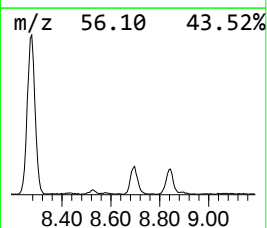
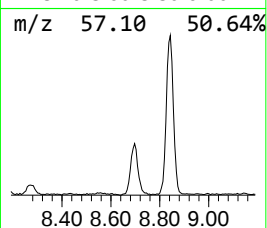
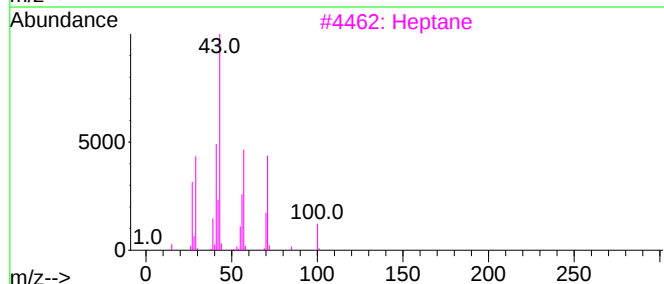
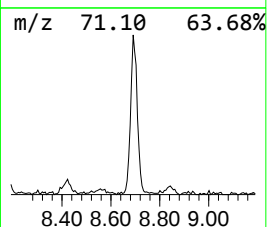
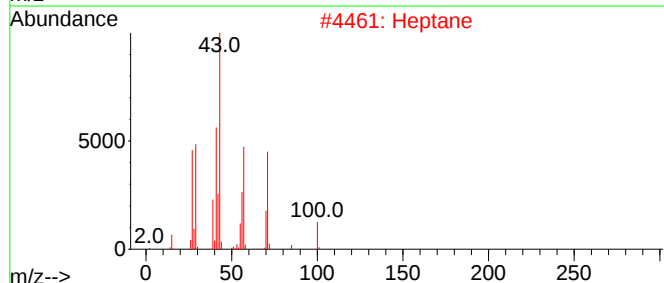
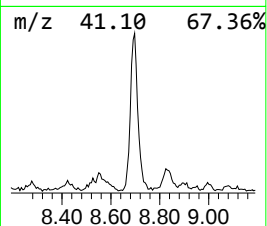
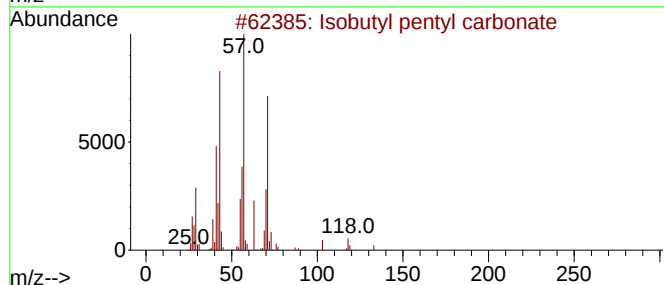
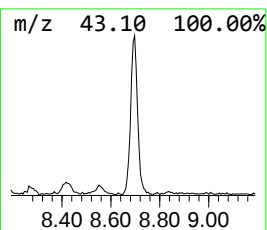
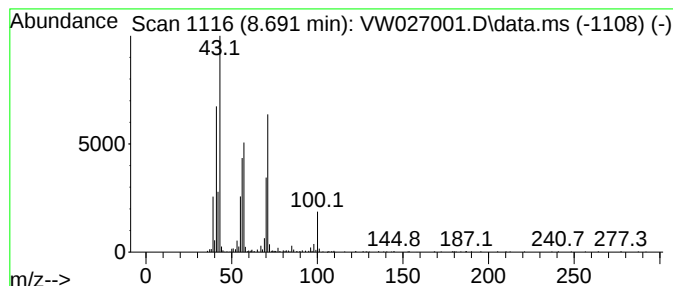
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Quant Title : SFAM01.0

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

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Peak Number 3 Isobutyl pentyl carbonate Concentration Rank 4

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 8.691 | 3.14 ug/L | 224870 | 1,4-Difluorobenzene | 8.843 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | Isobutyl pentyl carbonate | 188 | C10H20O3 | 178442-32-5 | 72   |
| 2    |    |   | Heptane                   | 100 | C7H16    | 000142-82-5 | 64   |
| 3    |    |   | Heptane                   | 100 | C7H16    | 000142-82-5 | 64   |
| 4    |    |   | Heptane                   | 100 | C7H16    | 000142-82-5 | 64   |
| 5    |    |   | Heptane                   | 100 | C7H16    | 000142-82-5 | 59   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW090723\  
Data File : VW027001.D  
Acq On : 07 Sep 2023 13:48  
Operator : SY/MD  
Sample : 04330-06  
Misc : 8.31g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.M  
Quant Title : SFAM01.0

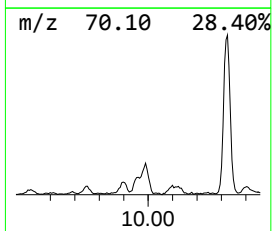
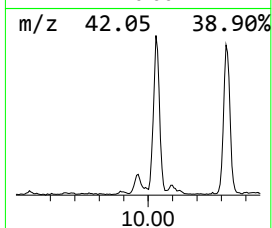
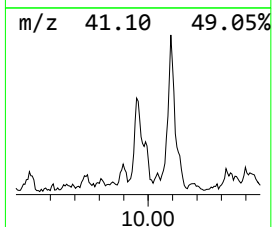
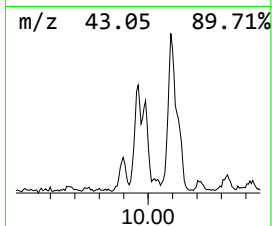
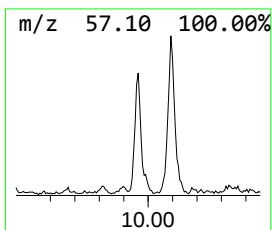
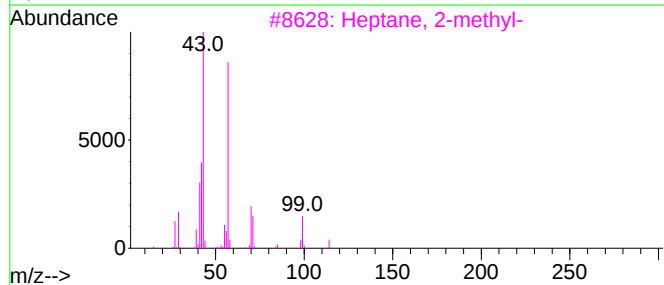
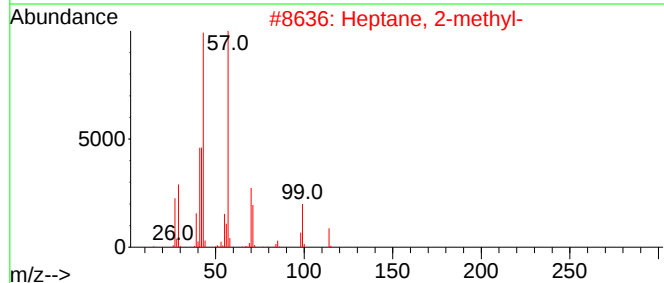
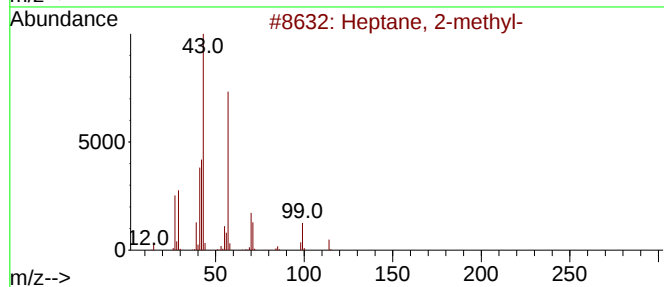
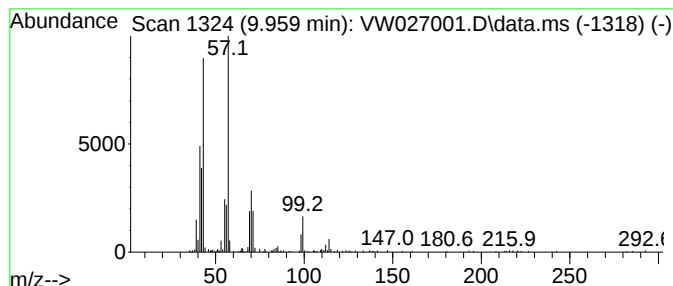
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 9.959 | 1.56 ug/L | 111480 | 1,4-Difluorobenzene | 8.843 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------|-----|---------|-------------|------|
| 1    |      | Heptane, 2-methyl-     | 114 | C8H18   | 000592-27-8 | 83   |
| 2    |      | Heptane, 2-methyl-     | 114 | C8H18   | 000592-27-8 | 81   |
| 3    |      | Heptane, 2-methyl-     | 114 | C8H18   | 000592-27-8 | 74   |
| 4    |      | Hexane, 2,5-dimethyl-  | 114 | C8H18   | 000592-13-2 | 70   |
| 5    |      | Heptane, 3,5-dimethyl- | 128 | C9H20   | 000926-82-9 | 47   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW090723\  
Data File : VW027001.D  
Acq On : 07 Sep 2023 13:48  
Operator : SY/MD  
Sample : 04330-06  
Misc : 8.31g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYX7

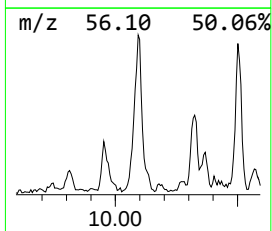
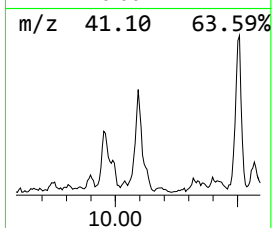
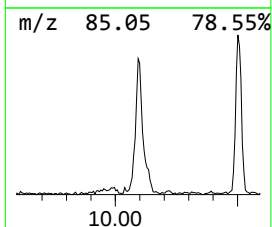
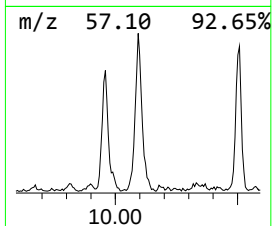
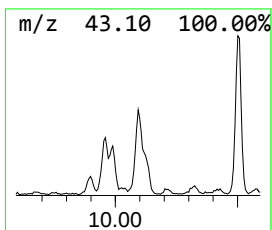
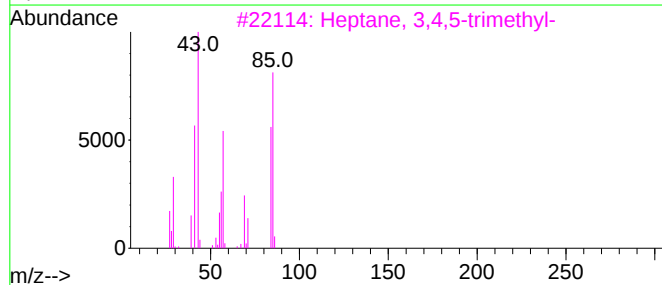
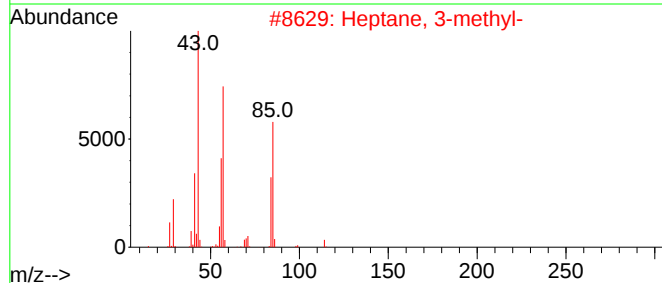
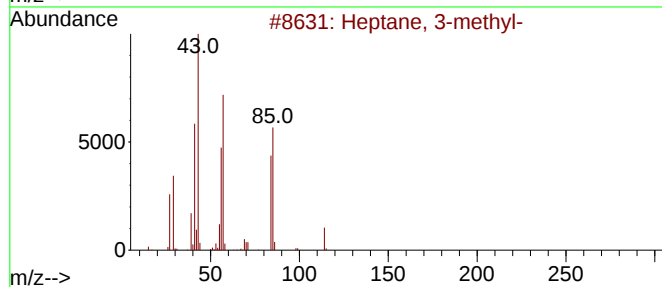
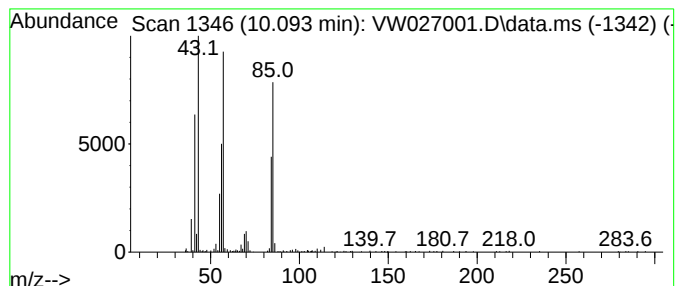
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Quant Title : SFAM01.0

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

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Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.      | EstConc                   | Area   | Relative to ISTD    | R.T.        |      |
|-----------|---------------------------|--------|---------------------|-------------|------|
| 10.093    | 2.94 ug/L                 | 210682 | 1,4-Difluorobenzene | 8.843       |      |
| Hit# of 5 | Tentative ID              | MW     | MolForm             | CAS#        | Qual |
| 1         | Heptane, 3-methyl-        | 114    | C8H18               | 000589-81-1 | 91   |
| 2         | Heptane, 3-methyl-        | 114    | C8H18               | 000589-81-1 | 90   |
| 3         | Heptane, 3,4,5-trimethyl- | 142    | C10H22              | 020278-89-1 | 72   |
| 4         | Hexane, 2,4-dimethyl-     | 114    | C8H18               | 000589-43-5 | 72   |
| 5         | Heptane, 3,4,5-trimethyl- | 142    | C10H22              | 020278-89-1 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW090723\  
Data File : VW027001.D  
Acq On : 07 Sep 2023 13:48  
Operator : SY/MD  
Sample : 04330-06  
Misc : 8.31g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYX7

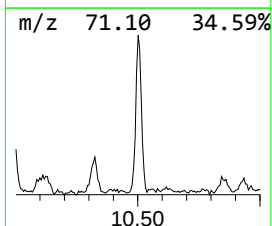
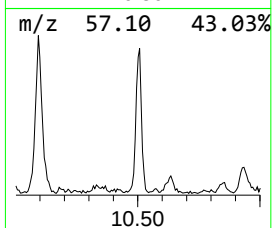
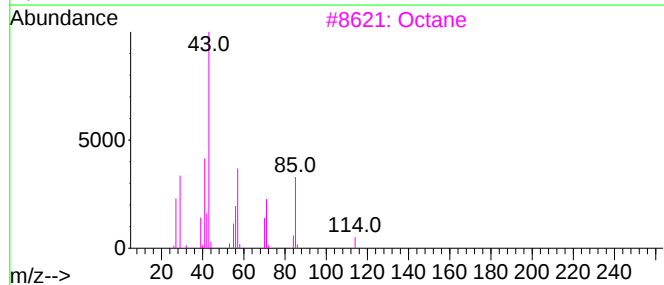
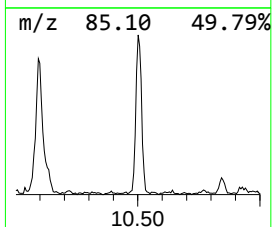
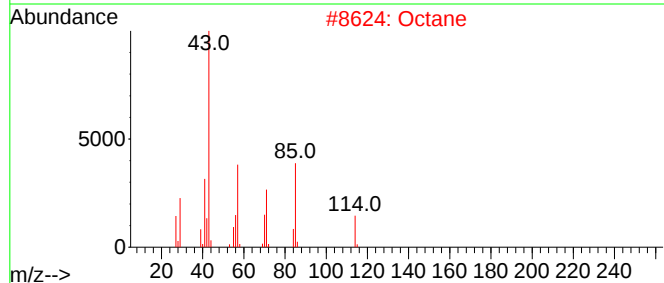
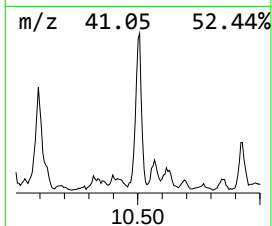
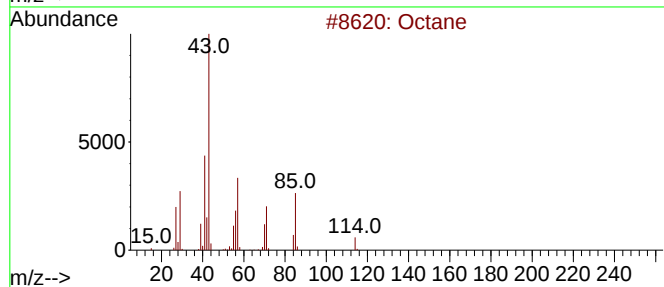
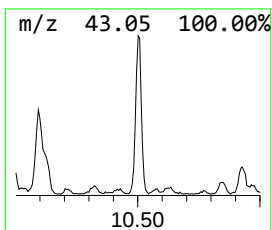
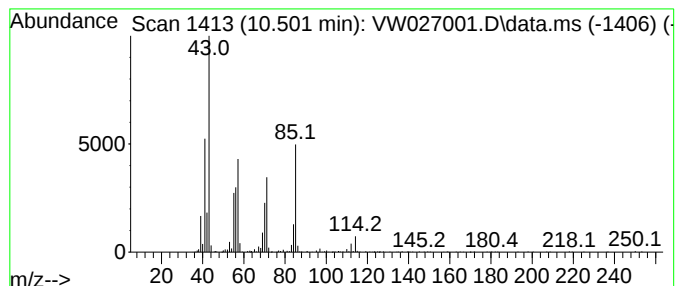
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Quant Title : SFAM01.0

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

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Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.   | EstConc   | Area   | Relative to ISTD | R.T.   |
|--------|-----------|--------|------------------|--------|
| 10.502 | 3.23 ug/L | 244257 | Chlorobenzene-d5 | 11.629 |

| Hit# | of                       | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|--------------------------|---|--------------|-----|---------|-------------|------|
| 1    | Octane                   |   |              | 114 | C8H18   | 000111-65-9 | 90   |
| 2    | Octane                   |   |              | 114 | C8H18   | 000111-65-9 | 80   |
| 3    | Octane                   |   |              | 114 | C8H18   | 000111-65-9 | 76   |
| 4    | Hexane, 2,4-dimethyl-    |   |              | 114 | C8H18   | 000589-43-5 | 64   |
| 5    | Hexane, 2,3,4-trimethyl- |   |              | 128 | C9H20   | 000921-47-1 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW090723\  
Data File : VW027001.D  
Acq On : 07 Sep 2023 13:48  
Operator : SY/MD  
Sample : 04330-06  
Misc : 8.31g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.M  
Quant Title : SFAM01.0

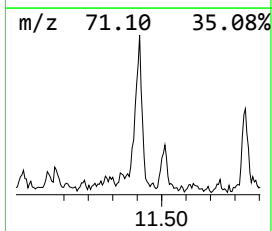
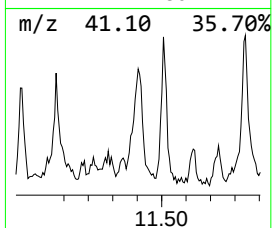
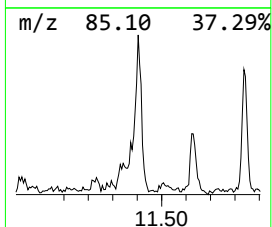
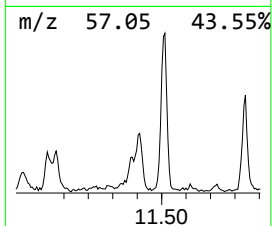
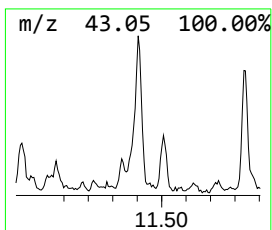
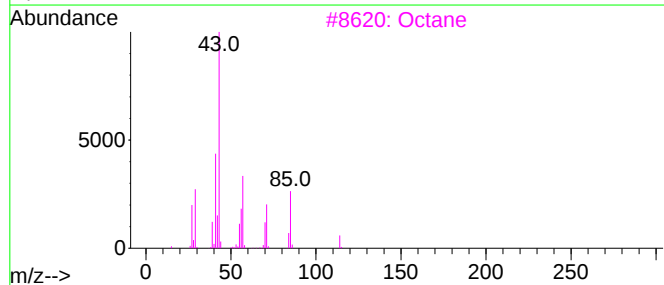
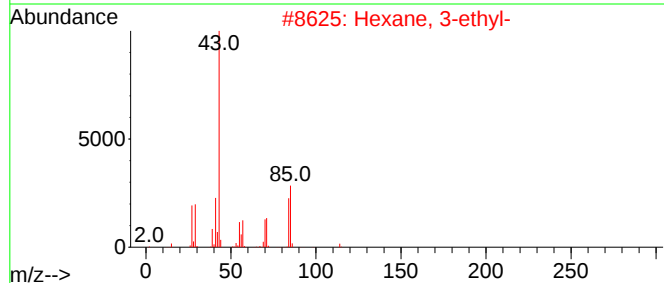
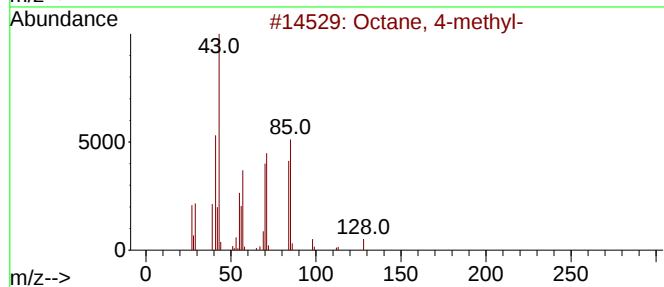
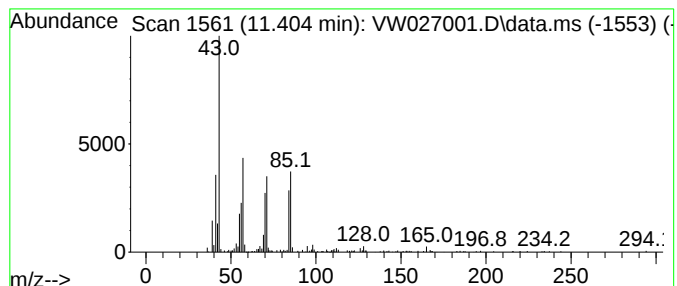
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TIC Integration Parameters: LSCINT.P

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Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.   | EstConc   | Area   | Relative to ISTD | R.T.   |
|--------|-----------|--------|------------------|--------|
| 11.404 | 2.29 ug/L | 173223 | Chlorobenzene-d5 | 11.629 |

| Hit# | of                                 | 5 | Tentative ID | MW  | MolForm  | CAS#         | Qual |
|------|------------------------------------|---|--------------|-----|----------|--------------|------|
| 1    | Octane, 4-methyl-                  |   |              | 128 | C9H20    | 002216-34-4  | 76   |
| 2    | Hexane, 3-ethyl-                   |   |              | 114 | C8H18    | 000619-99-8  | 64   |
| 3    | Octane                             |   |              | 114 | C8H18    | 000111-65-9  | 64   |
| 4    | Octane, 4-methyl-                  |   |              | 128 | C9H20    | 002216-34-4  | 62   |
| 5    | Oxalic acid, hexadecyl hexyl ester |   |              | 398 | C24H46O4 | 1010309-25-0 | 59   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW090723\  
Data File : VW027001.D  
Acq On : 07 Sep 2023 13:48  
Operator : SY/MD  
Sample : 04330-06  
Misc : 8.31g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.M  
Quant Title : SFAM01.0

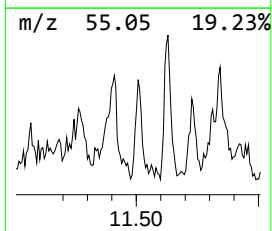
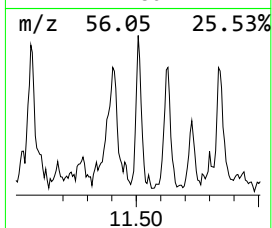
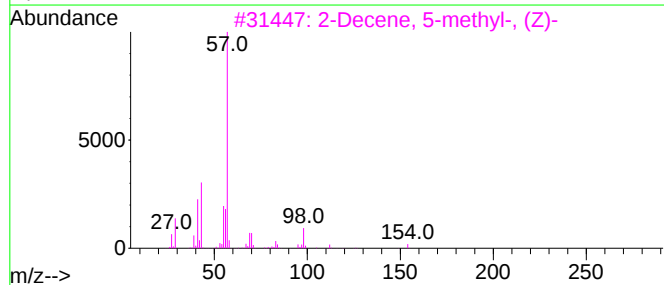
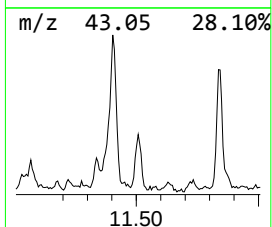
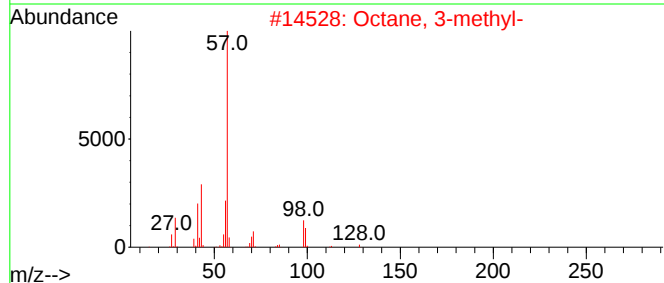
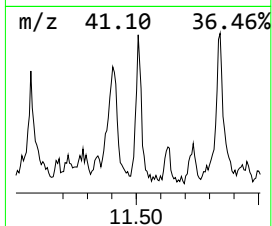
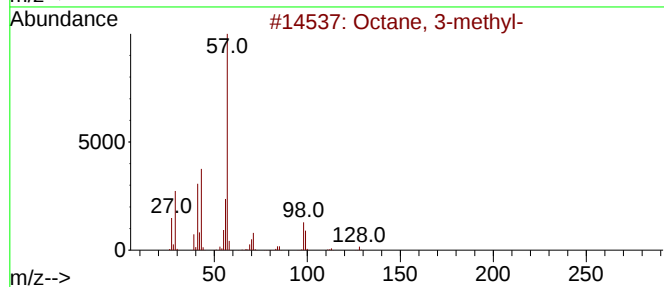
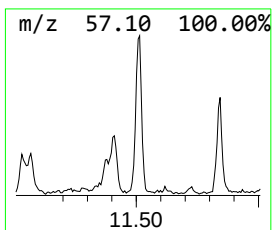
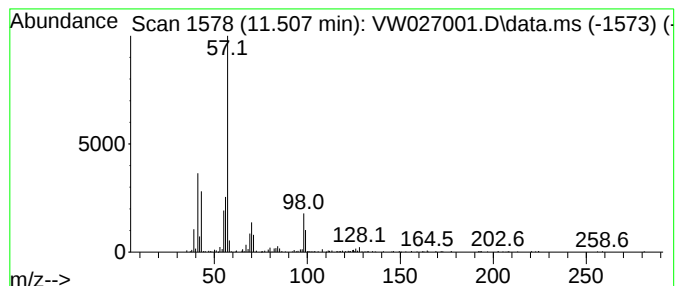
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 12

| R.T.   | EstConc   | Area   | Relative to ISTD | R.T.   |
|--------|-----------|--------|------------------|--------|
| 11.507 | 1.42 ug/L | 107524 | Chlorobenzene-d5 | 11.629 |

| Hit# | of                        | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|---------------------------|---|--------------|-----|---------|-------------|------|
| 1    | Octane, 3-methyl-         |   |              | 128 | C9H20   | 002216-33-3 | 64   |
| 2    | Octane, 3-methyl-         |   |              | 128 | C9H20   | 002216-33-3 | 64   |
| 3    | 2-Decene, 5-methyl-, (Z)- |   |              | 154 | C11H22  | 074645-86-6 | 59   |
| 4    | Heptane, 2,5-dimethyl-    |   |              | 128 | C9H20   | 002216-30-0 | 53   |
| 5    | Heptane, 2,5-dimethyl-    |   |              | 128 | C9H20   | 002216-30-0 | 52   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW090723\  
Data File : VW027001.D  
Acq On : 07 Sep 2023 13:48  
Operator : SY/MD  
Sample : 04330-06  
Misc : 8.31g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYX7

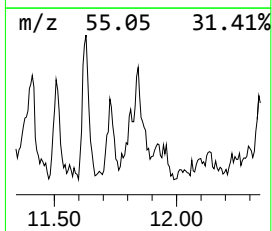
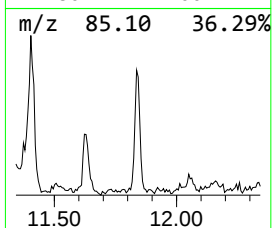
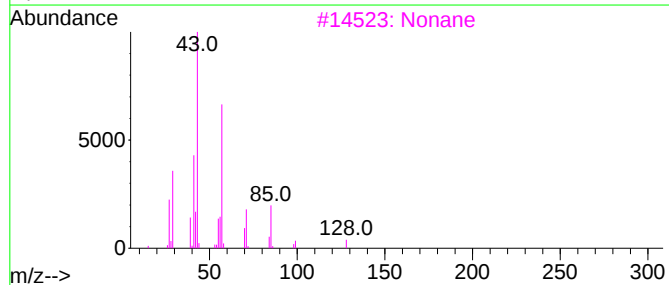
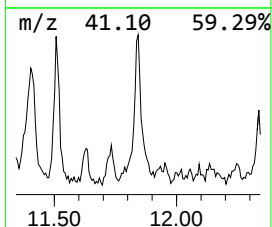
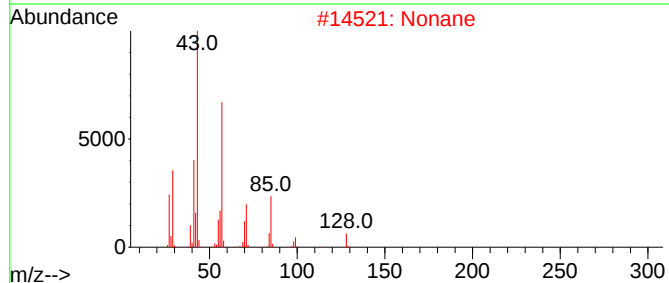
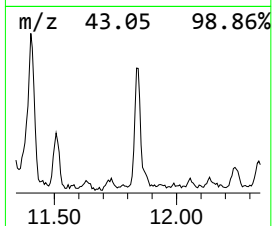
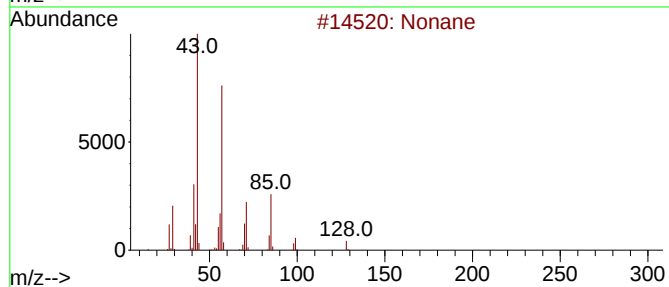
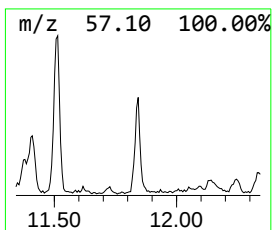
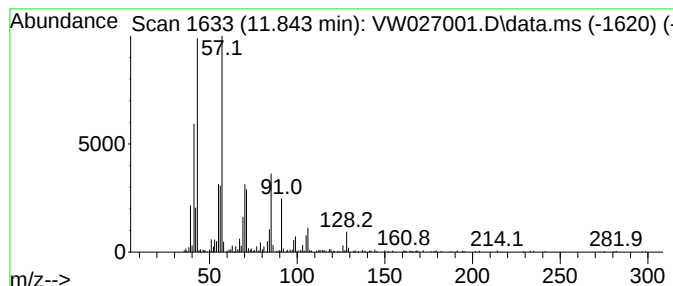
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Quant Title : SFAM01.0

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

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Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.   | EstConc   | Area   | Relative to ISTD | R.T.   |
|--------|-----------|--------|------------------|--------|
| 11.843 | 2.42 ug/L | 182735 | Chlorobenzene-d5 | 11.629 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Nonane                | 128 | C9H20   | 000111-84-2 | 87   |
| 2    |    |   | Nonane                | 128 | C9H20   | 000111-84-2 | 87   |
| 3    |    |   | Nonane                | 128 | C9H20   | 000111-84-2 | 64   |
| 4    |    |   | Nonane                | 128 | C9H20   | 000111-84-2 | 62   |
| 5    |    |   | Hexane, 2,4-dimethyl- | 114 | C8H18   | 000589-43-5 | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW090723\  
Data File : VW027001.D  
Acq On : 07 Sep 2023 13:48  
Operator : SY/MD  
Sample : 04330-06  
Misc : 8.31g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYX7

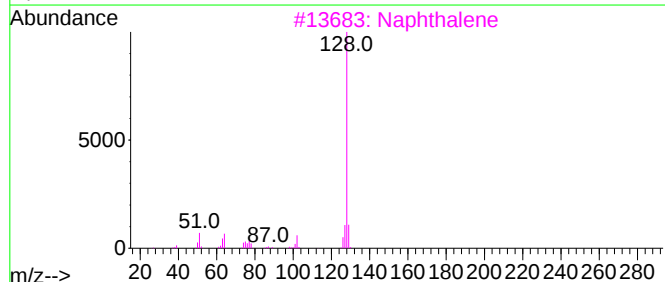
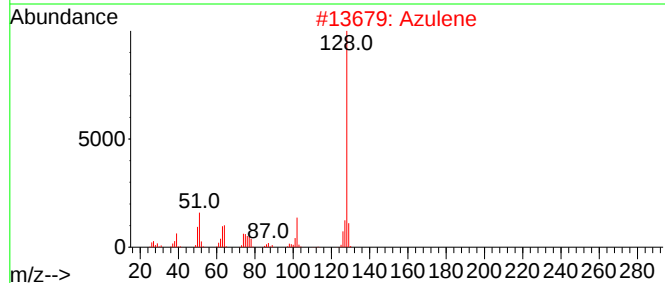
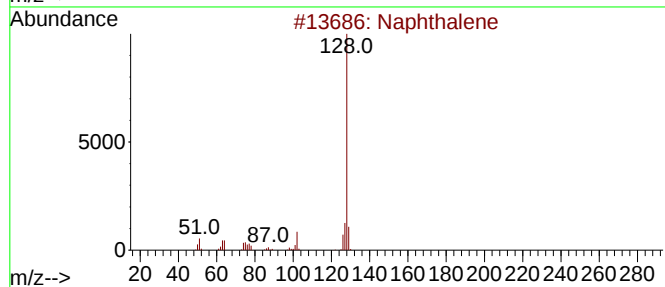
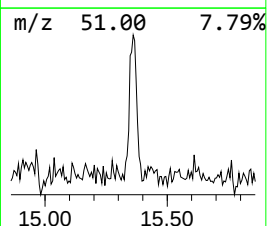
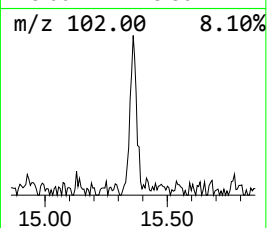
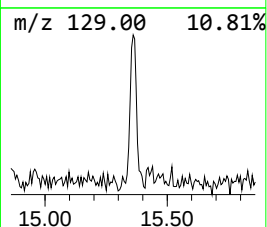
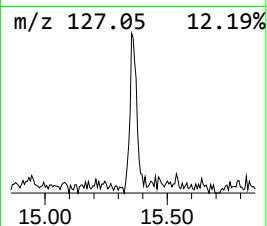
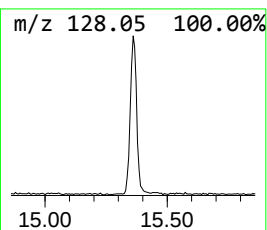
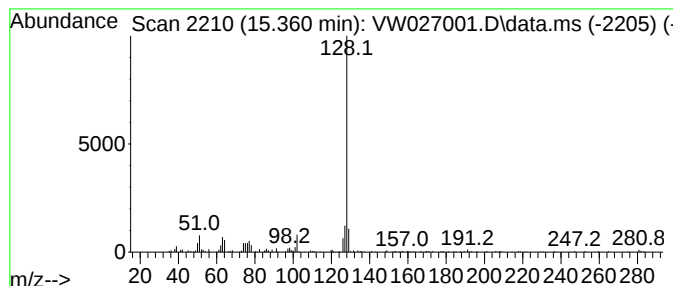
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.M  
Quant Title : SFAM01.0

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

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Peak Number 12 Azulene Concentration Rank 11

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 15.360 | 1.42 ug/L | 80704 | 1,4-Dichlorobenzene-d4 | 13.556 |

| Hit# | of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------|--------------|-----|---------|-------------|------|
| 1    |      | Naphthalene  | 128 | C10H8   | 000091-20-3 | 94   |
| 2    |      | Azulene      | 128 | C10H8   | 000275-51-4 | 91   |
| 3    |      | Naphthalene  | 128 | C10H8   | 000091-20-3 | 90   |
| 4    |      | Azulene      | 128 | C10H8   | 000275-51-4 | 90   |
| 5    |      | Naphthalene  | 128 | C10H8   | 000091-20-3 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW090723\  
Data File : VW027001.D  
Acq On : 07 Sep 2023 13:48  
Operator : SY/MD  
Sample : 04330-06  
Misc : 8.31g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.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 |
| 2-Ethyl-oxetane    | 5.941  | 1.8     | ug/L  | 128632   | 1                     | 8.843  | 1788520 | 25.0 |
| (DEL) Alkane: S... | 8.154  | 2.0     | ug/L  | 140874   | 1                     | 8.843  | 1788520 | 25.0 |
| Isobutyl pentyl... | 8.691  | 3.1     | ug/L  | 224870   | 1                     | 8.843  | 1788520 | 25.0 |
| (DEL) Alkane: S... | 9.959  | 1.6     | ug/L  | 111480   | 1                     | 8.843  | 1788520 | 25.0 |
| (DEL) Alkane: S... | 10.093 | 2.9     | ug/L  | 210682   | 1                     | 8.843  | 1788520 | 25.0 |
| (DEL) Alkane: S... | 10.502 | 3.2     | ug/L  | 244257   | 2                     | 11.629 | 1888700 | 25.0 |
| (DEL) Alkane: S... | 11.404 | 2.3     | ug/L  | 173223   | 2                     | 11.629 | 1888700 | 25.0 |
| (DEL) Alkane: S... | 11.507 | 1.4     | ug/L  | 107524   | 2                     | 11.629 | 1888700 | 25.0 |
| (DEL) Alkane: S... | 11.843 | 2.4     | ug/L  | 182735   | 2                     | 11.629 | 1888700 | 25.0 |
| Azulene            | 15.360 | 1.4     | ug/L  | 80704    | 3                     | 13.556 | 1417340 | 25.0 |