

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\  
 Data File : VV011406.D  
 Acq On : 11 Jun 2019 23:10  
 Operator : SY/MD  
 Sample : K3286-01  
 Misc : 25ML/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0JQ4

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR060419WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

| 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         | 1.219       | 37            | 40          | 45           | rVB2     | 9499           | 7554          | 1.35%           | 0.162%        |
| 2         | 1.312       | 61            | 69          | 77           | rBV      | 52618          | 59475         | 10.63%          | 1.276%        |
| 3         | 1.573       | 145           | 150         | 163          | rVB      | 57926          | 60493         | 10.81%          | 1.298%        |
| 4         | 2.119       | 312           | 320         | 335          | rVB      | 97987          | 139938        | 25.00%          | 3.003%        |
| 5         | 2.389       | 385           | 404         | 408          | rBV      | 17680          | 49500         | 8.84%           | 1.062%        |
| 6         | 2.653       | 474           | 486         | 493          | rBV5     | 5768           | 11726         | 2.10%           | 0.252%        |
| 7         | 3.962       | 877           | 893         | 925          | rBV      | 77399          | 237578        | 42.45%          | 5.098%        |
| 8         | 4.396       | 1012          | 1028        | 1048         | rBV      | 81051          | 193465        | 34.57%          | 4.151%        |
| 9         | 5.090       | 1226          | 1244        | 1264         | rBV3     | 189912         | 452229        | 80.80%          | 9.704%        |
| 10        | 5.659       | 1406          | 1421        | 1439         | rBV      | 177754         | 360660        | 64.44%          | 7.739%        |
| 11        | 6.116       | 1548          | 1563        | 1582         | rBV2     | 112078         | 233829        | 41.78%          | 5.017%        |
| 12        | 6.621       | 1709          | 1720        | 1731         | rBV2     | 17997          | 36148         | 6.46%           | 0.776%        |
| 13        | 7.029       | 1833          | 1847        | 1860         | rBV2     | 43493          | 83238         | 14.87%          | 1.786%        |
| 14        | 7.190       | 1881          | 1897        | 1915         | rBV2     | 261323         | 511344        | 91.36%          | 10.972%       |
| 15        | 7.357       | 1934          | 1949        | 1966         | rBV      | 197513         | 345135        | 61.67%          | 7.406%        |
| 16        | 7.662       | 2031          | 2044        | 2056         | rBV2     | 27106          | 47497         | 8.49%           | 1.019%        |
| 17        | 7.981       | 2131          | 2143        | 2153         | rBV2     | 7347           | 15204         | 2.72%           | 0.326%        |
| 18        | 8.138       | 2179          | 2192        | 2213         | rBV      | 305879         | 559692        | 100.00%         | 12.009%       |
| 19        | 8.894       | 2414          | 2427        | 2442         | rBV      | 260989         | 432462        | 77.27%          | 9.279%        |
| 20        | 9.170       | 2504          | 2513        | 2524         | rVB10    | 7195           | 13263         | 2.37%           | 0.285%        |
| 21        | 10.260      | 2840          | 2852        | 2865         | rBV      | 85750          | 137451        | 24.56%          | 2.949%        |
| 22        | 10.421      | 2894          | 2902        | 2912         | rBV4     | 9231           | 14240         | 2.54%           | 0.306%        |
| 23        | 11.293      | 3160          | 3173        | 3192         | rBV      | 212938         | 349758        | 62.49%          | 7.505%        |
| 24        | 11.585      | 3252          | 3264        | 3267         | rBV9     | 4607           | 8186          | 1.46%           | 0.176%        |
| 25        | 11.672      | 3275          | 3291        | 3309         | rVB      | 180627         | 300370        | 53.67%          | 6.445%        |

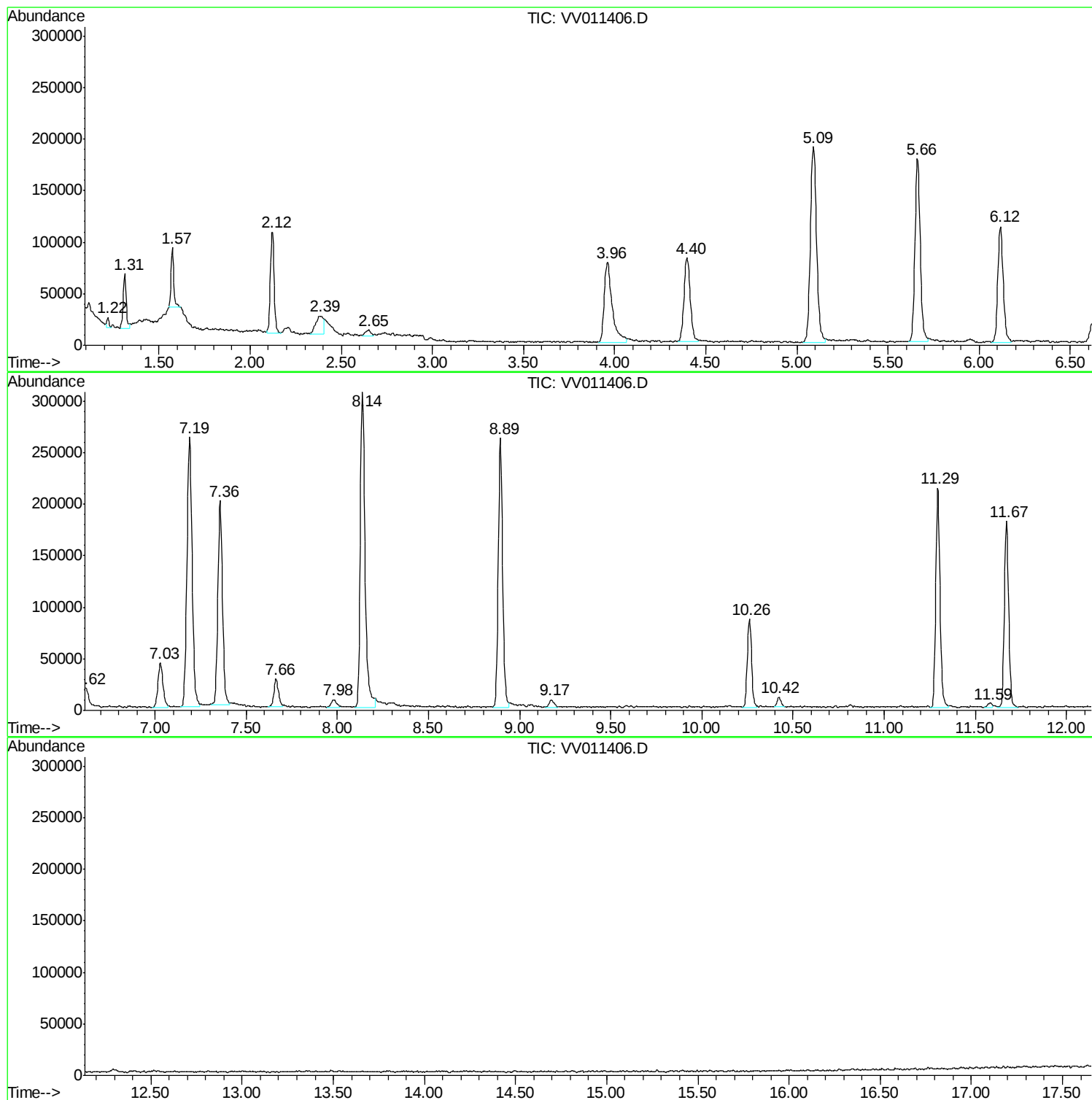
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV061019\  
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Misc : 25ML/MSVOA V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0JQ4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR060419WMA.M  
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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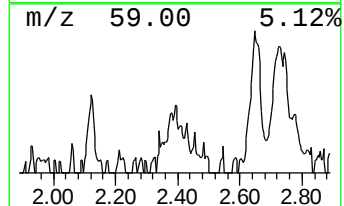
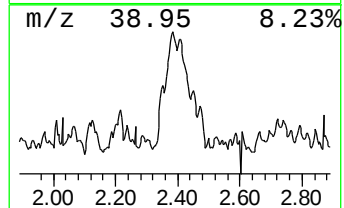
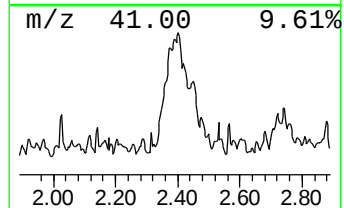
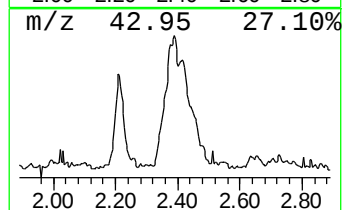
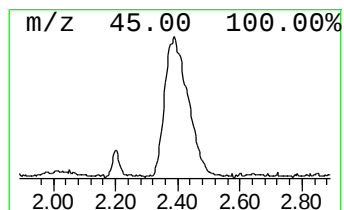
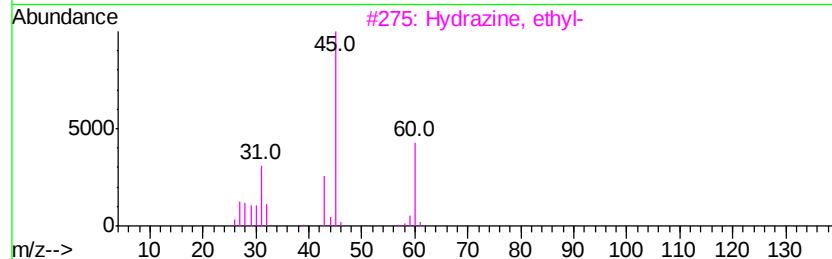
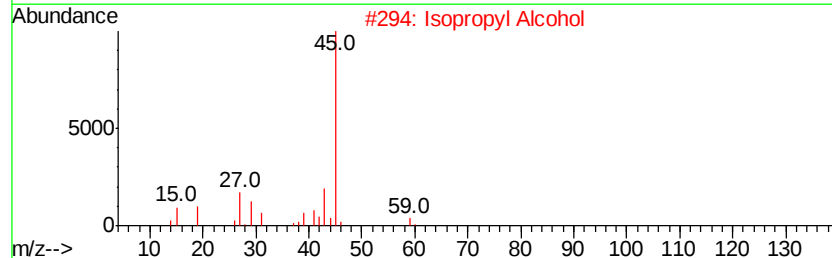
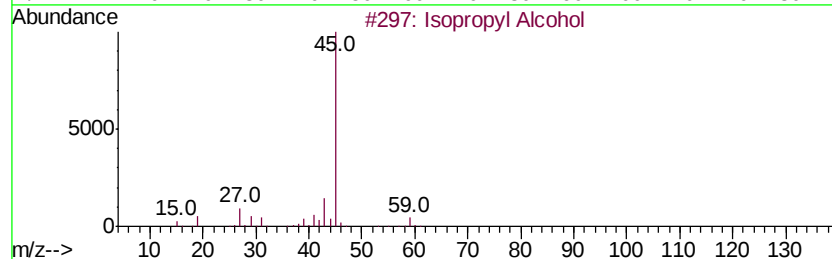
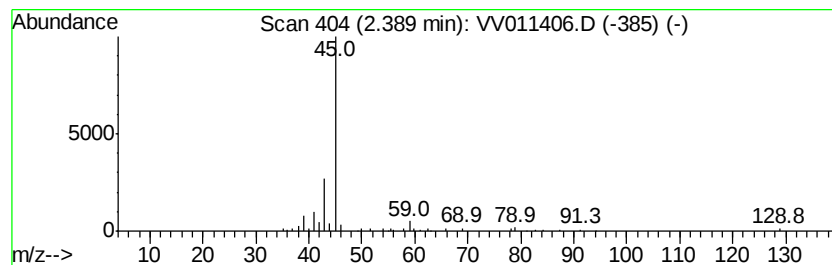
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR060419WMA.M  
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Isopropyl Alcohol Concentration Rank 3

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 2.39 | 0.69 ug/L | 49500 | 1,4-Difluorobenzene | 5.66 |

| Hit# | of | Tentative ID                     | MW | MolForm | CAS#        | Qual |
|------|----|----------------------------------|----|---------|-------------|------|
| 1    | 5  | Isopropyl Alcohol                | 60 | C3H8O   | 000067-63-0 | 80   |
| 2    |    | Isopropyl Alcohol                | 60 | C3H8O   | 000067-63-0 | 56   |
| 3    |    | Hvdrazine, ethyl-                | 60 | C2H8N2  | 000624-80-6 | 40   |
| 4    |    | Formic acid, 1-methylethyl ester | 88 | C4H8O2  | 000625-55-8 | 39   |
| 5    |    | Propane, 2-ethoxy-               | 88 | C5H12O  | 000625-54-7 | 39   |



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Sample : K3286-01  
Misc : 25ML/MSVOA V/WATER  
ALS Vial : 1 Sample Multiplier: 1

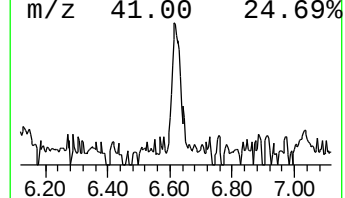
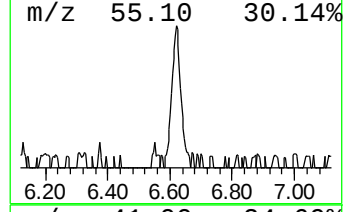
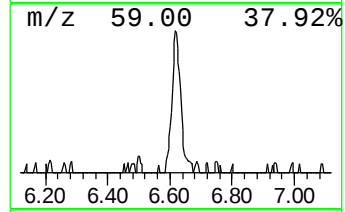
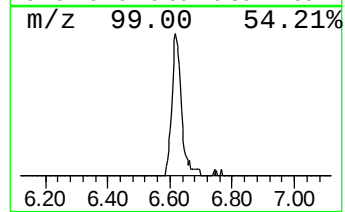
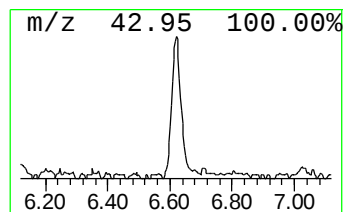
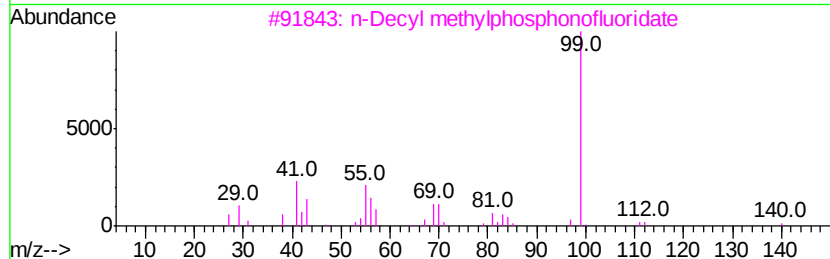
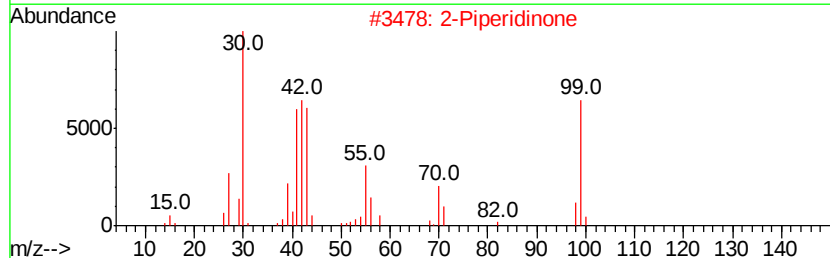
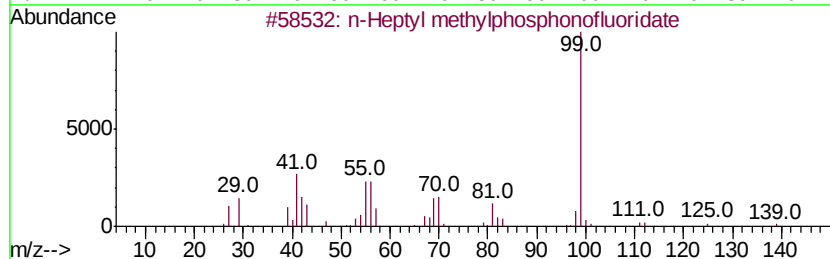
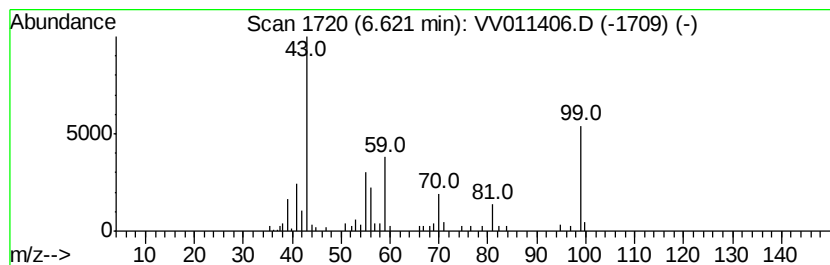
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0JQ4

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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 n-Heptyl methylphosphonoflu... Concentration Rank 4

| R.T.    | EstConc                          | Area                      | Relative to ISTD    | R.T.        |              |      |
|---------|----------------------------------|---------------------------|---------------------|-------------|--------------|------|
| 6.62    | 0.50 ug/L                        | 36148                     | 1,4-Difluorobenzene | 5.66        |              |      |
| Hit# of | 5                                | Tentative ID              | MW                  | MolForm     | CAS#         | Qual |
| 1       | n-Heptyl                         | methylphosphonofluoridate | 196                 | C8H18F02P   | 162085-82-7  | 53   |
| 2       | 2-Piperidinone                   |                           | 99                  | C5H9NO      | 000675-20-7  | 43   |
| 3       | n-Decyl                          | methylphosphonofluoridate | 238                 | C11H24F02P  | 193090-25-4  | 40   |
| 4       | Phosphonofluoridic acid, methyl- | ...                       | 224                 | C10H22F02P  | 211192-74-4  | 38   |
| 5       | Dihydropyrimidine-4,6-dione, 5-[ | ...                       | 373                 | C18H23N5O2S | 1000304-28-2 | 37   |



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ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0JQ4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR060419WMA.M  
Quant Title : TRACE VOA SOM01.0

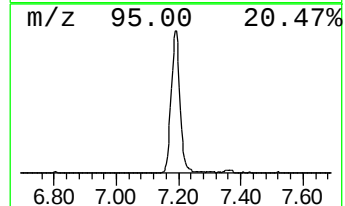
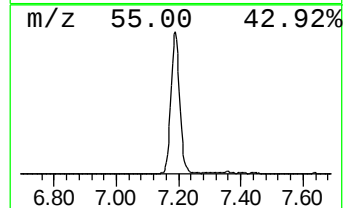
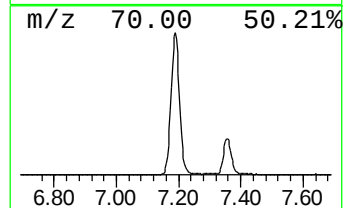
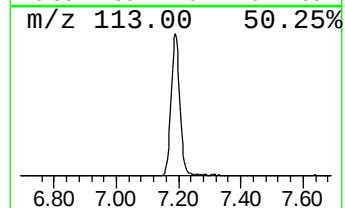
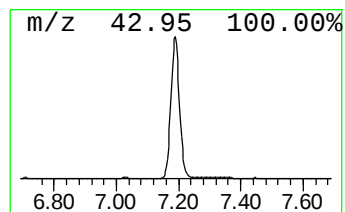
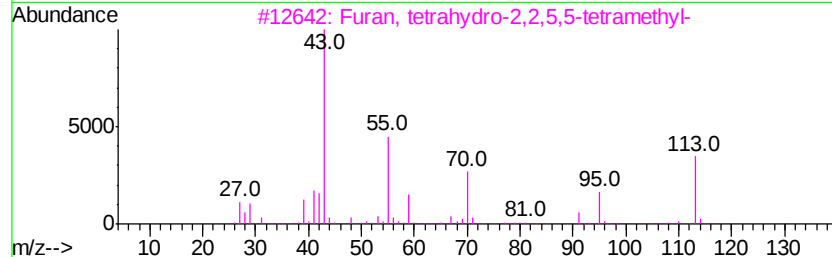
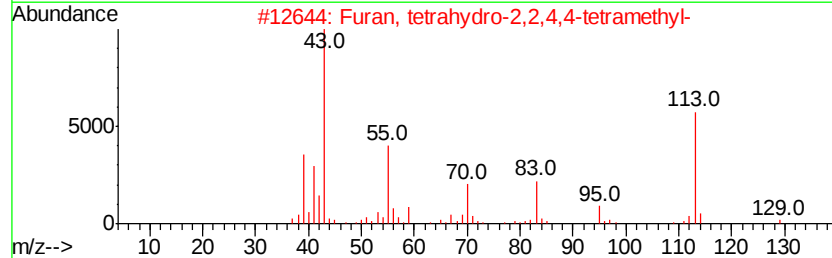
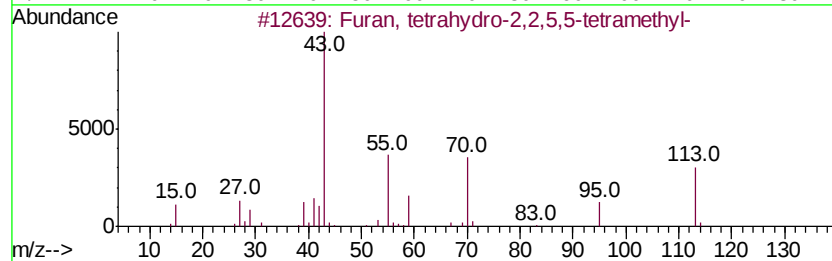
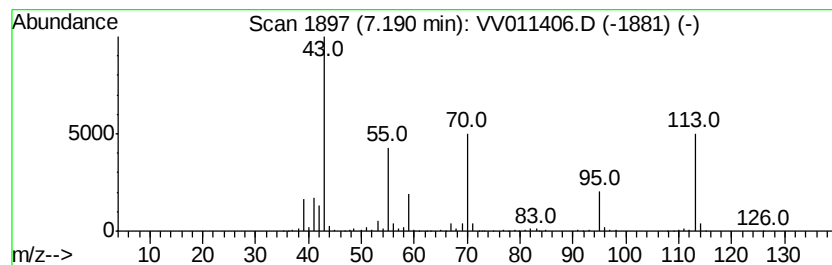
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Furan, tetrahydro-2,2,5,5-t... Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 7.19 | 7.09 ug/L | 511344 | 1,4-Difluorobenzene | 5.66 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Furan, tetrahydro-2,2,5,5-tetram... | 128 | C8H16O  | 015045-43-9 | 64   |
| 2    |    | Furan, tetrahydro-2,2,4,4-tetram... | 128 | C8H16O  | 003358-28-9 | 59   |
| 3    |    | Furan, tetrahydro-2,2,5,5-tetram... | 128 | C8H16O  | 015045-43-9 | 56   |
| 4    |    | Furan, tetrahydro-2,2,4,4-tetram... | 128 | C8H16O  | 003358-28-9 | 53   |
| 5    |    | 4-Piperidinone, 1-methyl-           | 113 | C6H11NO | 001445-73-4 | 50   |



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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Isopropyl Alcohol    | 2.39 | 0.7     | ug/L  | 49500    | 1                     | 5.66 | 360660 | 5.0  |
| n-Heptyl methylph... | 6.62 | 0.5     | ug/L  | 36148    | 1                     | 5.66 | 360660 | 5.0  |
| Furan, tetrahydro... | 7.19 | 7.1     | ug/L  | 511344   | 1                     | 5.66 | 360660 | 5.0  |