

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012822\  
 Data File : VU046897.D  
 Acq On : 28 Jan 2022 16:59  
 Operator : SY/MD  
 Sample : N1273-19  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COHL7

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.1

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\_U\Method\SFAMUTR011822WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU046897.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         | 1.363       | 3             | 7           | 15           | rVB      | 7819           | 8321          | 1.69%           | 0.238%        |
| 2         | 1.601       | 74            | 81          | 94           | rBV      | 40678          | 47660         | 9.66%           | 1.361%        |
| 3         | 1.919       | 171           | 180         | 196          | rBV      | 38029          | 50403         | 10.22%          | 1.439%        |
| 4         | 2.572       | 372           | 383         | 400          | rBV      | 72893          | 116516        | 23.62%          | 3.327%        |
| 5         | 3.054       | 523           | 533         | 548          | rVB      | 7758           | 14492         | 2.94%           | 0.414%        |
| 6         | 3.141       | 548           | 560         | 571          | rBV3     | 31416          | 64099         | 13.00%          | 1.830%        |
| 7         | 4.645       | 1010          | 1028        | 1070         | rBV2     | 68558          | 242249        | 49.11%          | 6.916%        |
| 8         | 4.816       | 1073          | 1081        | 1098         | rVB2     | 4701           | 11561         | 2.34%           | 0.330%        |
| 9         | 5.070       | 1139          | 1160        | 1182         | rBV      | 76795          | 181094        | 36.71%          | 5.170%        |
| 10        | 5.729       | 1344          | 1365        | 1388         | rBV2     | 141031         | 372512        | 75.52%          | 10.635%       |
| 11        | 6.253       | 1513          | 1528        | 1549         | rBV      | 113694         | 219655        | 44.53%          | 6.271%        |
| 12        | 6.694       | 1652          | 1665        | 1682         | rBV2     | 92385          | 179655        | 36.42%          | 5.129%        |
| 13        | 7.160       | 1798          | 1810        | 1828         | rBV4     | 16790          | 36126         | 7.32%           | 1.031%        |
| 14        | 7.568       | 1922          | 1937        | 1957         | rBV      | 40985          | 71188         | 14.43%          | 2.032%        |
| 15        | 7.713       | 1970          | 1982        | 2007         | rBV2     | 31455          | 63208         | 12.81%          | 1.805%        |
| 16        | 7.899       | 2027          | 2040        | 2058         | rBV      | 149364         | 272342        | 55.21%          | 7.776%        |
| 17        | 8.182       | 2117          | 2128        | 2143         | rBV      | 26291          | 43771         | 8.87%           | 1.250%        |
| 18        | 8.475       | 2208          | 2219        | 2231         | rBV2     | 3833           | 7314          | 1.48%           | 0.209%        |
| 19        | 8.636       | 2257          | 2269        | 2298         | rBV      | 260286         | 493247        | 100.00%         | 14.083%       |
| 20        | 8.787       | 2309          | 2316        | 2327         | rVB6     | 3045           | 4957          | 1.00%           | 0.142%        |
| 21        | 9.420       | 2500          | 2513        | 2538         | rBV      | 179122         | 309711        | 62.79%          | 8.842%        |
| 22        | 9.600       | 2560          | 2569        | 2585         | rVB2     | 8323           | 13621         | 2.76%           | 0.389%        |
| 23        | 9.681       | 2585          | 2594        | 2608         | rVB5     | 8032           | 14717         | 2.98%           | 0.420%        |
| 24        | 10.758      | 2917          | 2929        | 2948         | rVB      | 84211          | 135450        | 27.46%          | 3.867%        |
| 25        | 10.893      | 2963          | 2971        | 2982         | rVB2     | 5680           | 9029          | 1.83%           | 0.258%        |
| 26        | 11.812      | 3244          | 3257        | 3281         | rBV      | 165036         | 265781        | 53.88%          | 7.588%        |
| 27        | 12.060      | 3323          | 3334        | 3344         | rBV2     | 6641           | 10808         | 2.19%           | 0.309%        |
| 28        | 12.195      | 3362          | 3376        | 3392         | rVB      | 144748         | 243054        | 49.28%          | 6.939%        |

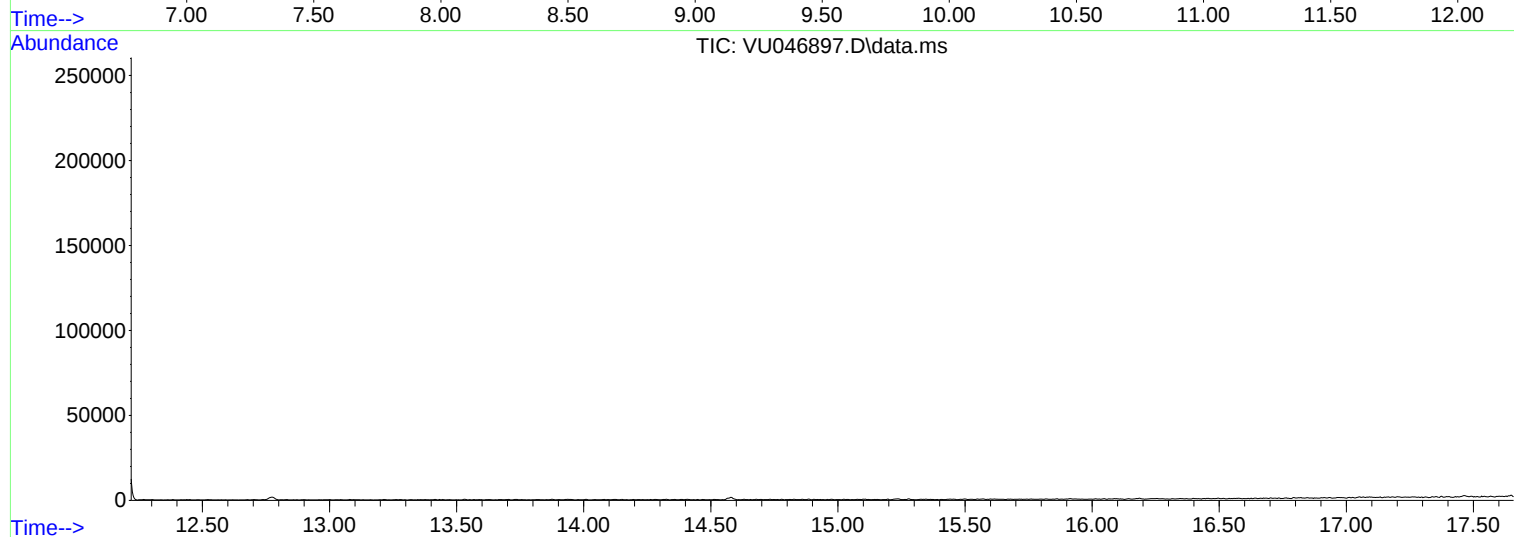
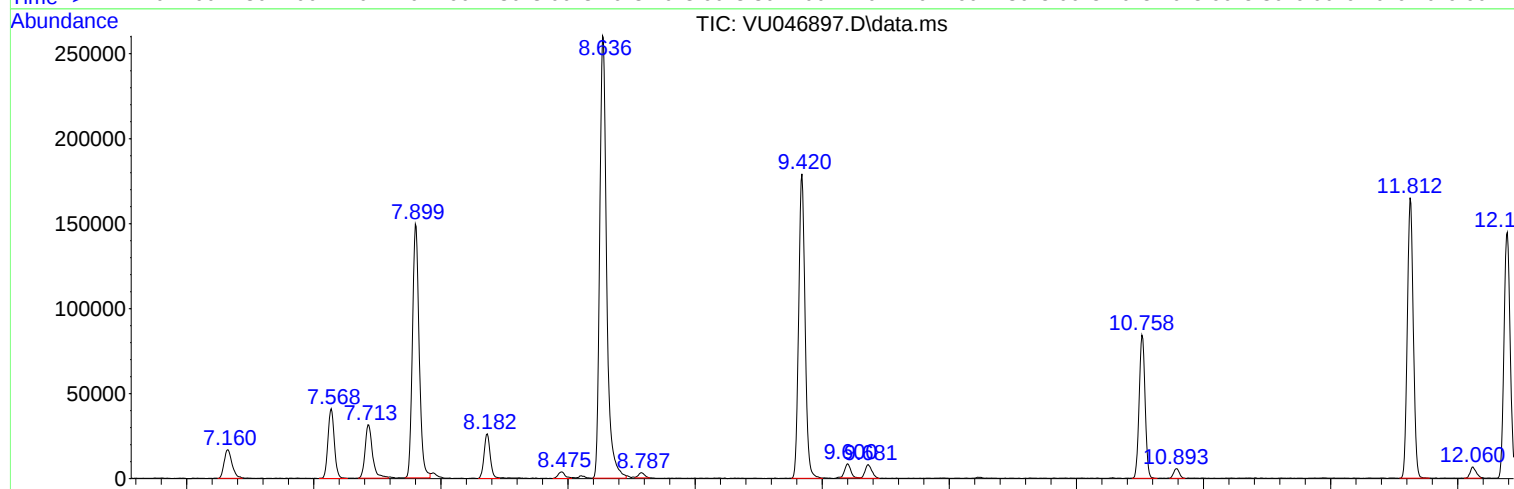
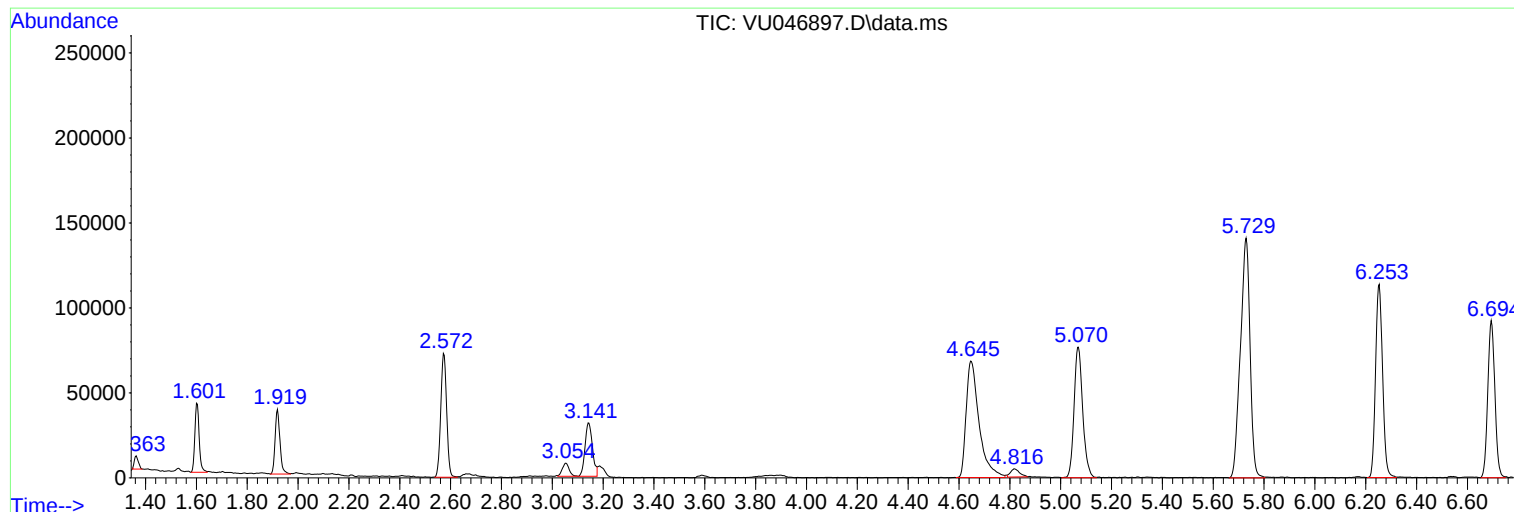
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MSVOA\_U  
ClientSampleId :  
COHL7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011822WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011822WMA.M  
Quant Title : TRACE VOA SFAM1.0

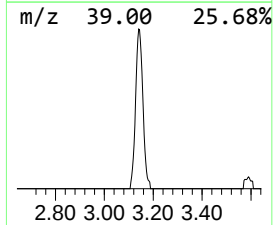
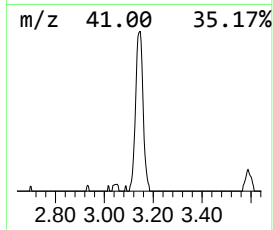
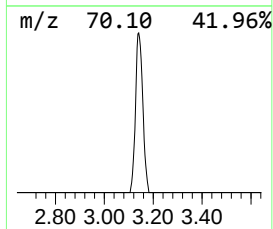
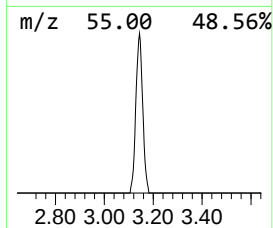
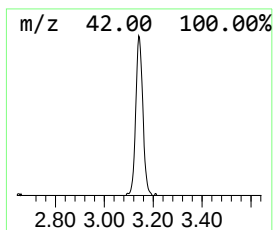
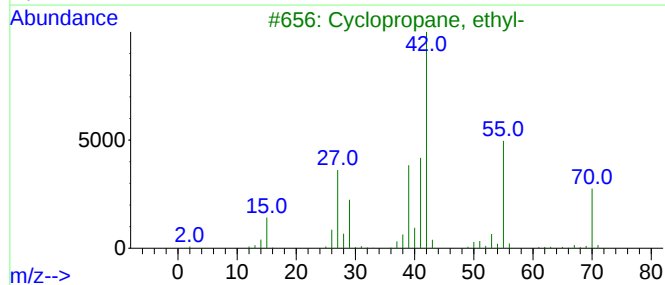
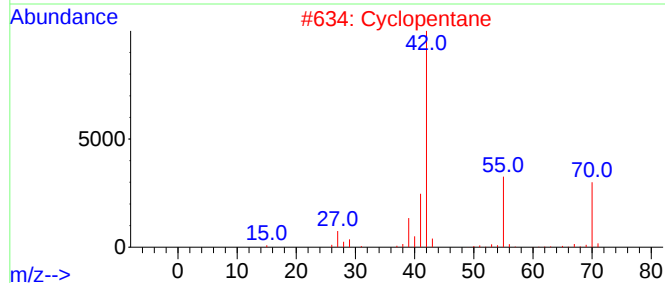
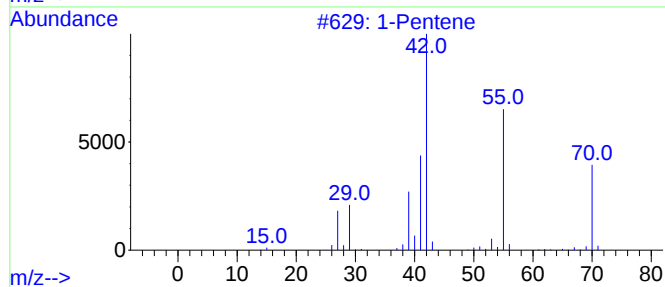
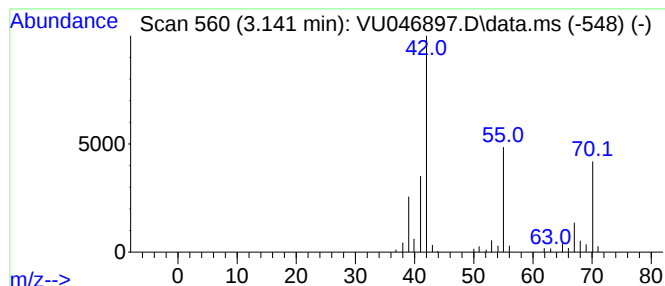
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 3.141 | 1.46 ug/L | 64099 | 1,4-Difluorobenzene | 6.253 |

| Hit# | of | 5 | Tentative ID         | MW | MolForm | CAS#        | Qual |
|------|----|---|----------------------|----|---------|-------------|------|
| 1    |    |   | 1-Pentene            | 70 | C5H10   | 000109-67-1 | 74   |
| 2    |    |   | Cyclopentane         | 70 | C5H10   | 000287-92-3 | 72   |
| 3    |    |   | Cyclopropane, ethyl- | 70 | C5H10   | 001191-96-4 | 64   |
| 4    |    |   | Cyclopentane         | 70 | C5H10   | 000287-92-3 | 64   |
| 5    |    |   | Cyclopropane, ethyl- | 70 | C5H10   | 001191-96-4 | 59   |



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COHL7

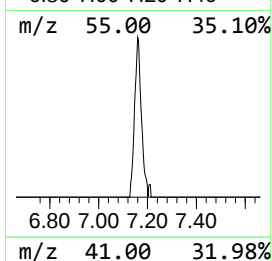
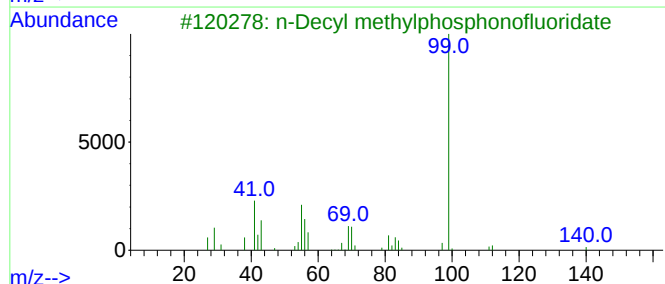
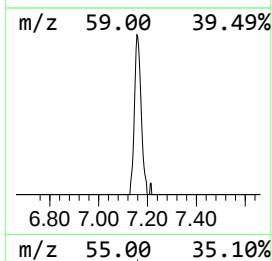
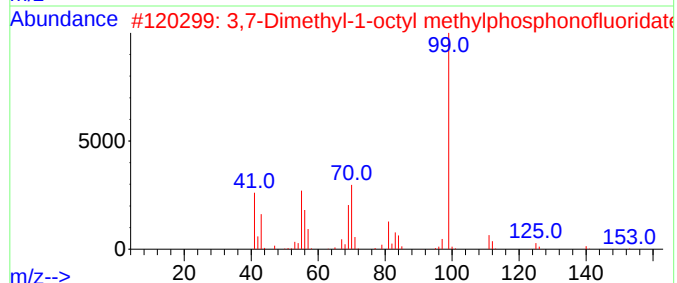
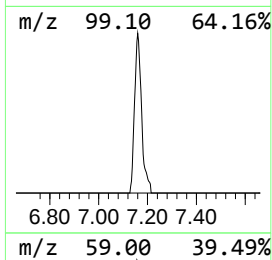
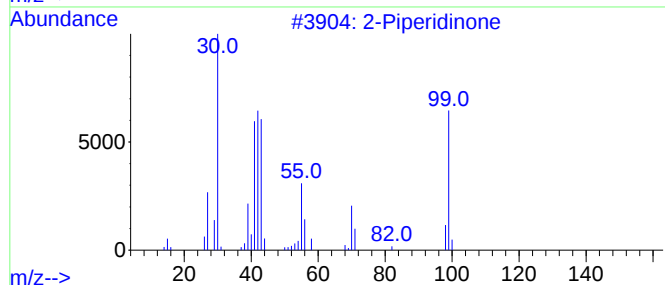
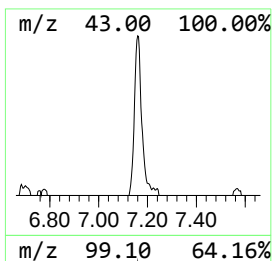
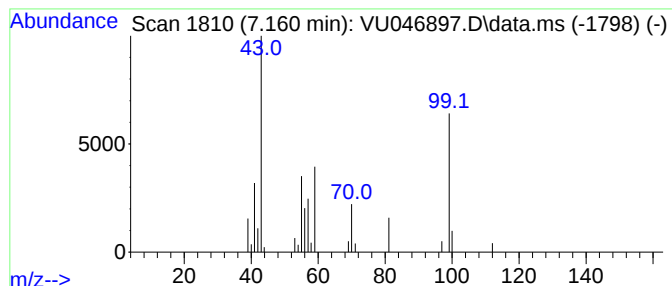
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011822WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 2 unknown-01 Concentration Rank 4

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 7.160 | 0.82 ug/L | 36126 | 1,4-Difluorobenzene | 6.253 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm    | CAS#         | Qual |
|------|-------------------------------------|---|--------------|-----|------------|--------------|------|
| 1    | 2-Piperidinone                      |   |              | 99  | C5H9NO     | 000675-20-7  | 43   |
| 2    | 3,7-Dimethyl-1-octyl methylphosp... |   |              | 238 | C11H24F02P | 345260-82-4  | 43   |
| 3    | n-Decyl methylphosphonofluoridate   |   |              | 238 | C11H24F02P | 193090-25-4  | 37   |
| 4    | 2-Ethylbutyl methylphosphonofluo... |   |              | 182 | C7H16F02P  | 126204-48-6  | 35   |
| 5    | 2-Methyloxane-2-carbohydrazide      |   |              | 158 | C7H14N2O2  | 1000436-45-8 | 27   |



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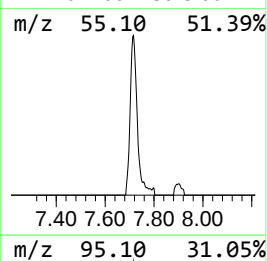
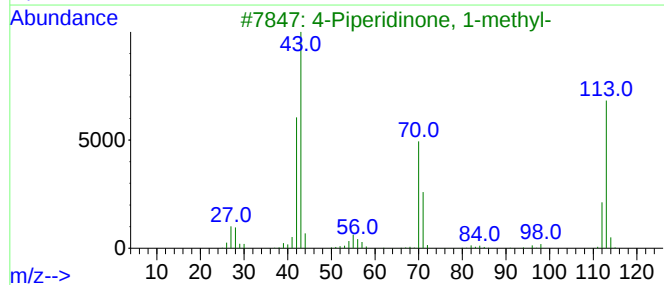
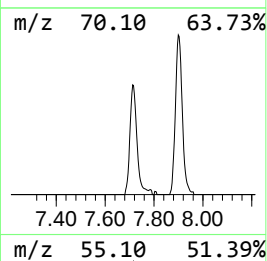
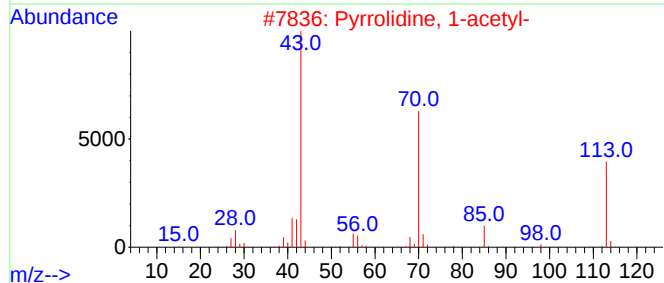
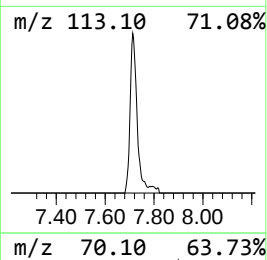
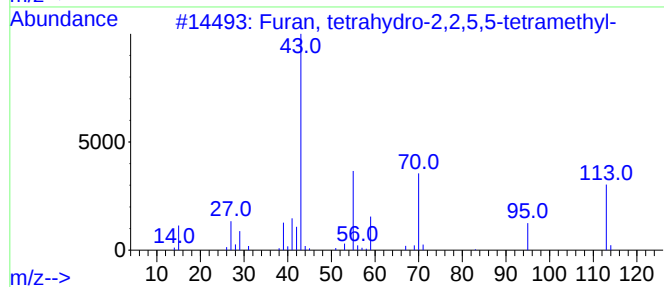
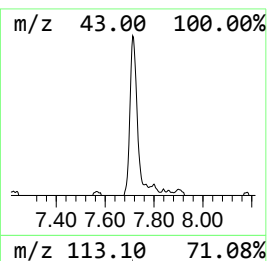
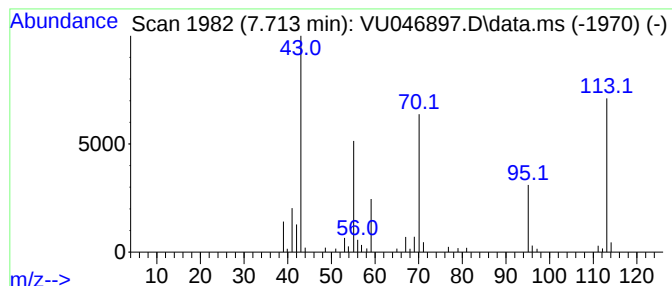
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011822WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 4 Furan, tetrahydro-2,2,5,5-t... Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 7.713 | 1.44 ug/L | 63208 | 1,4-Difluorobenzene | 6.253 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Furan, tetrahydro-2,2,5,5-tetram... | 128 | C8H16O   | 015045-43-9 | 53   |
| 2    |    |   | Pyrrolidine, 1-acetyl-              | 113 | C6H11NO  | 004030-18-6 | 53   |
| 3    |    |   | 4-Piperidinone, 1-methyl-           | 113 | C6H11NO  | 001445-73-4 | 50   |
| 4    |    |   | 1,3,5-Triazine-2,4(1H,3H)-dione     | 113 | C3H3N3O2 | 000071-33-0 | 49   |
| 5    |    |   | Ethosuximide                        | 141 | C7H11NO2 | 000077-67-8 | 47   |



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Quant Title : TRACE VOA SFAM1.0

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

| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| (DEL) Alkane: S... | 3.141 | 1.5     | ug/L  | 64099    | 1                     | 6.253 | 219655 | 5.0  |
| unknown-01         | 7.160 | 0.8     | ug/L  | 36126    | 1                     | 6.253 | 219655 | 5.0  |
| Furan, tetrahyd... | 7.713 | 1.4     | ug/L  | 63208    | 1                     | 6.253 | 219655 | 5.0  |