

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062122\  
 Data File : VU049327.D  
 Acq On : 21 Jun 2022 15:06  
 Operator : SY/MD  
 Sample : N3425-03  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COALO

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\SFAMUTR061422WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU049327.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         | 1.597       | 71            | 80          | 93           | rVV      | 61737          | 74166         | 10.76%          | 1.605%        |
| 2         | 1.912       | 171           | 178         | 189          | rVB      | 49571          | 62369         | 9.05%           | 1.350%        |
| 3         | 2.568       | 370           | 382         | 397          | rBV      | 85962          | 138261        | 20.07%          | 2.992%        |
| 4         | 2.655       | 397           | 409         | 424          | rVV3     | 3582           | 9482          | 1.38%           | 0.205%        |
| 5         | 2.793       | 442           | 452         | 461          | rBV2     | 8803           | 16674         | 2.42%           | 0.361%        |
| 6         | 3.234       | 573           | 589         | 599          | rBV      | 2848           | 7275          | 1.06%           | 0.157%        |
| 7         | 4.639       | 1008          | 1026        | 1061         | rBV      | 90289          | 286037        | 41.51%          | 6.189%        |
| 8         | 5.067       | 1141          | 1159        | 1186         | rVB3     | 101008         | 288187        | 41.83%          | 6.236%        |
| 9         | 5.726       | 1342          | 1364        | 1396         | rBV2     | 176267         | 466549        | 67.71%          | 10.095%       |
| 10        | 6.160       | 1488          | 1499        | 1513         | rBV3     | 4451           | 10390         | 1.51%           | 0.225%        |
| 11        | 6.250       | 1513          | 1527        | 1549         | rVV      | 173584         | 328424        | 47.66%          | 7.107%        |
| 12        | 6.690       | 1651          | 1664        | 1679         | rBV      | 117280         | 228024        | 33.09%          | 4.934%        |
| 13        | 7.163       | 1797          | 1811        | 1826         | rBV5     | 38961          | 82318         | 11.95%          | 1.781%        |
| 14        | 7.568       | 1925          | 1937        | 1953         | rBV      | 58662          | 103103        | 14.96%          | 2.231%        |
| 15        | 7.713       | 1970          | 1982        | 1999         | rVB2     | 28324          | 54313         | 7.88%           | 1.175%        |
| 16        | 7.899       | 2024          | 2040        | 2054         | rBV      | 202569         | 355359        | 51.57%          | 7.689%        |
| 17        | 7.967       | 2054          | 2061        | 2074         | rVB      | 15515          | 26664         | 3.87%           | 0.577%        |
| 18        | 8.182       | 2117          | 2128        | 2142         | rBV2     | 35475          | 61826         | 8.97%           | 1.338%        |
| 19        | 8.636       | 2257          | 2269        | 2321         | rBV2     | 337591         | 689029        | 100.00%         | 14.909%       |
| 20        | 9.417       | 2499          | 2512        | 2537         | rBV      | 239870         | 398676        | 57.86%          | 8.627%        |
| 21        | 9.684       | 2584          | 2595        | 2609         | rVB5     | 10816          | 21321         | 3.09%           | 0.461%        |
| 22        | 10.758      | 2917          | 2929        | 2946         | rVB      | 101876         | 163516        | 23.73%          | 3.538%        |
| 23        | 11.812      | 3245          | 3257        | 3273         | rBV      | 248836         | 396780        | 57.59%          | 8.586%        |
| 24        | 12.192      | 3362          | 3375        | 3395         | rBV      | 215419         | 352675        | 51.18%          | 7.631%        |

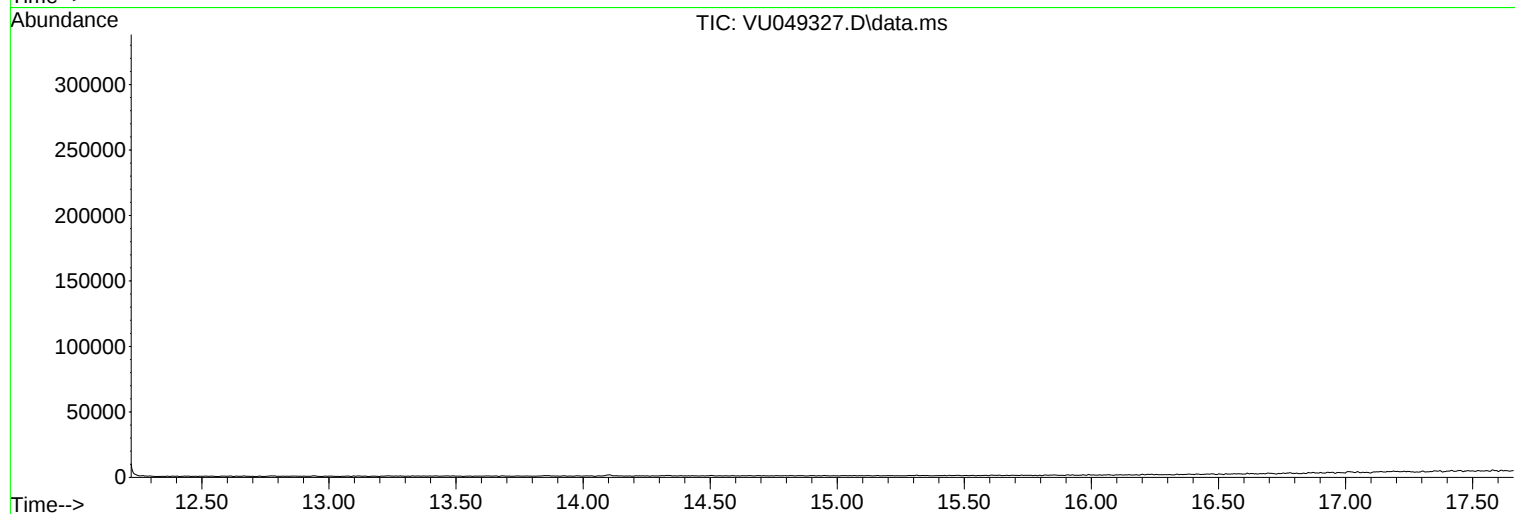
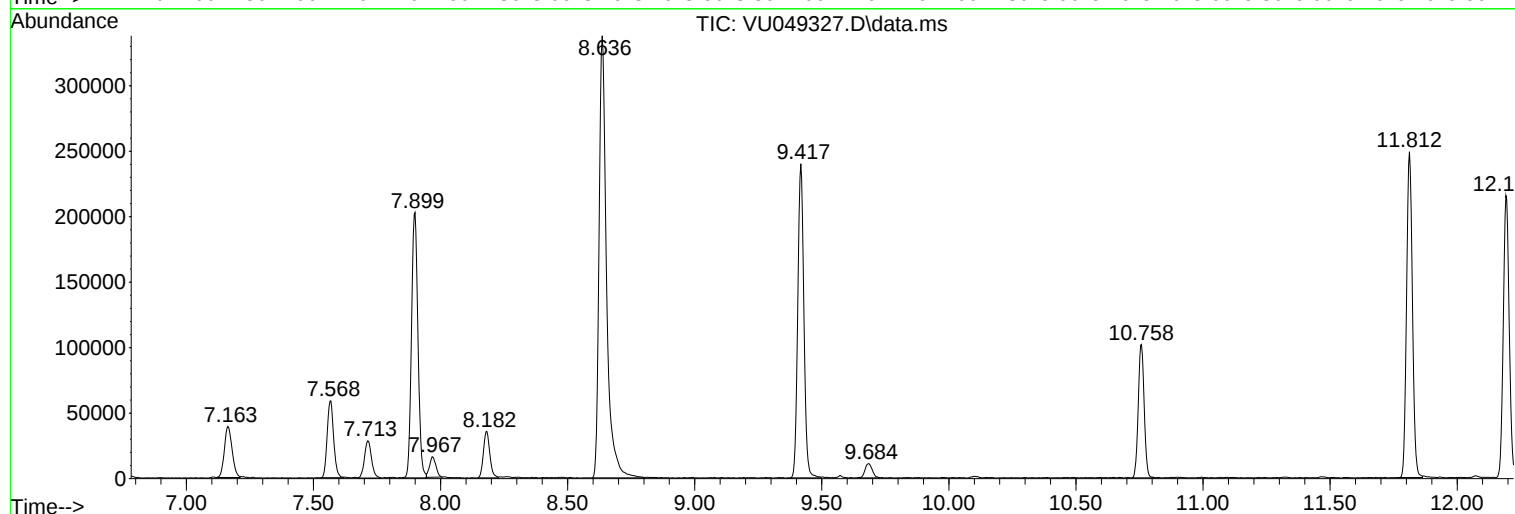
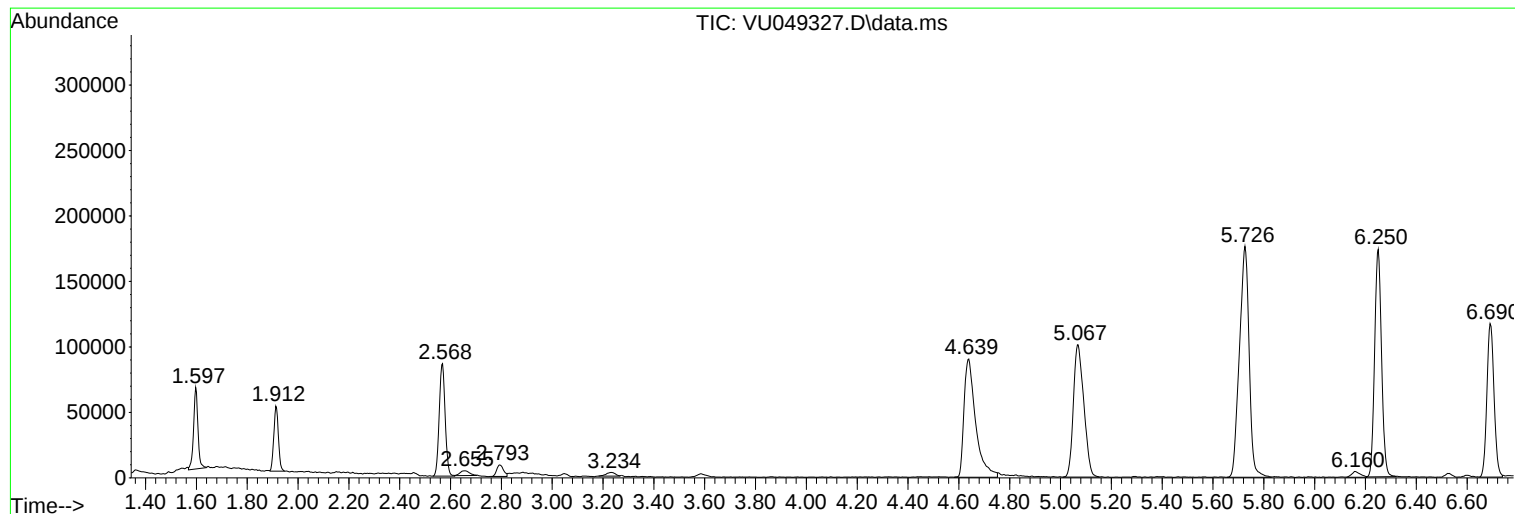
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MSVOA\_U  
ClientSampleId :  
COALO

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061422WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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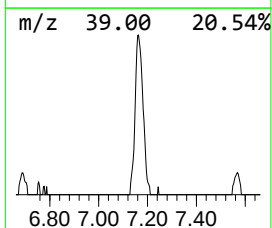
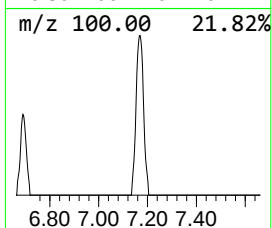
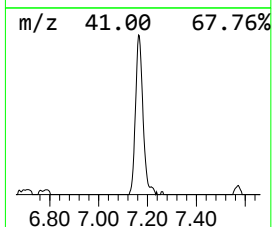
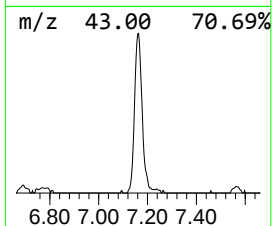
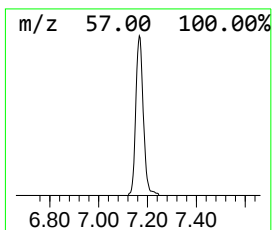
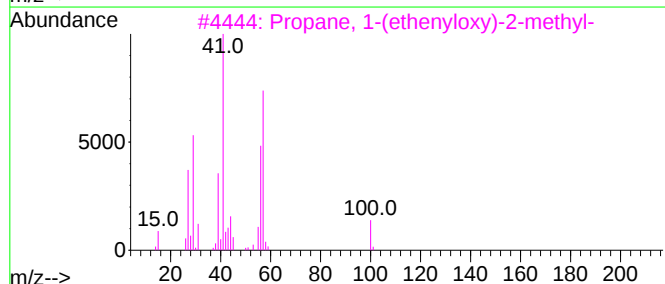
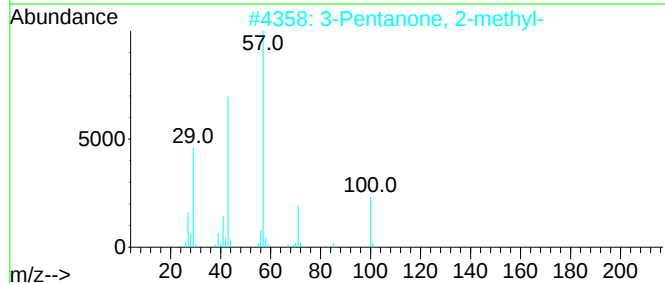
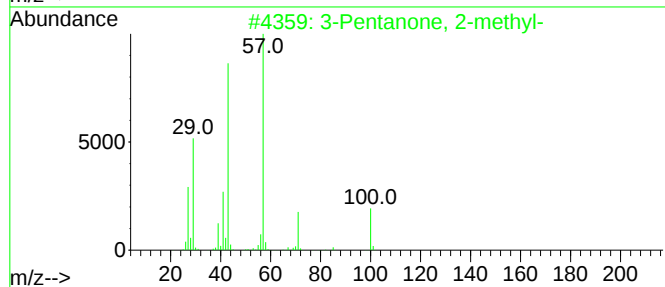
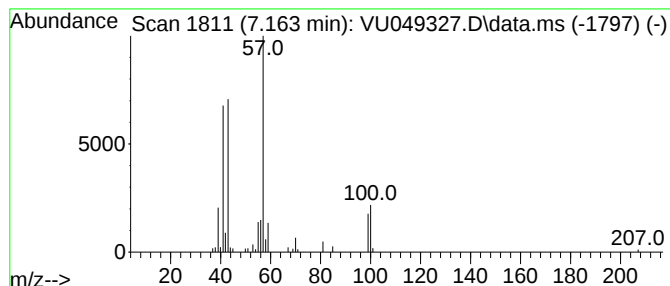
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061422WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 1 3-Pentanone, 2-methyl- Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 7.163 | 1.25 ug/L | 82318 | 1,4-Difluorobenzene | 6.250 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 3-Pentanone, 2-methyl-            | 100 | C6H12O  | 000565-69-5 | 50   |
| 2    |    |   | 3-Pentanone, 2-methyl-            | 100 | C6H12O  | 000565-69-5 | 50   |
| 3    |    |   | Propane, 1-(ethenyloxy)-2-methyl- | 100 | C6H12O  | 000109-53-5 | 38   |
| 4    |    |   | 2,2,4,4-Tetramethyloctane         | 170 | C12H26  | 062183-79-3 | 37   |
| 5    |    |   | Heptane, 3-bromo-                 | 178 | C7H15Br | 001974-05-6 | 35   |



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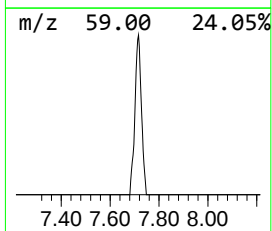
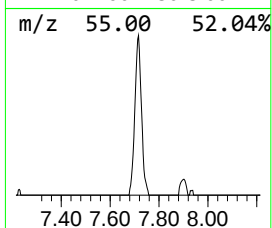
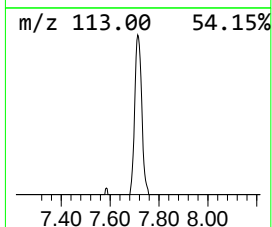
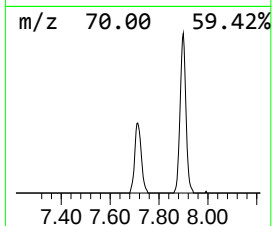
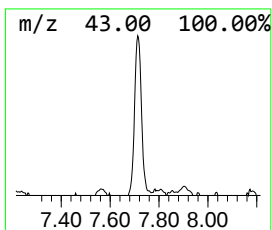
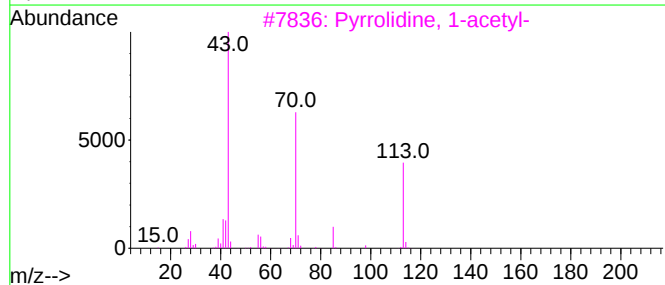
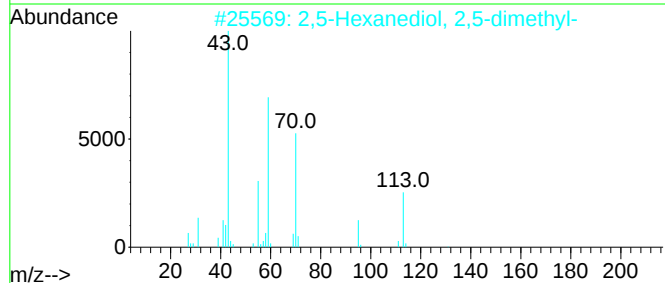
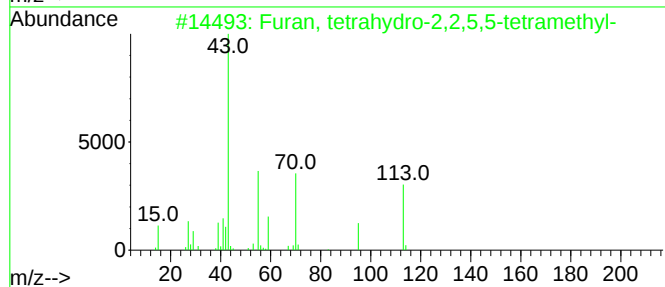
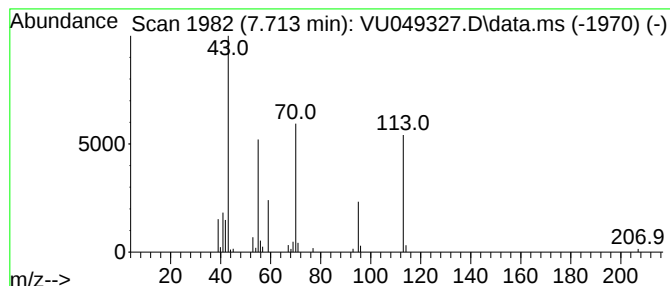
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Quant Title : TRACE VOA SFAM1.0

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TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 7.713 | 0.83 ug/L | 54313 | 1,4-Difluorobenzene | 6.250 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm      | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|--------------|--------------|------|
| 1    |    |   | Furan, tetrahydro-2,2,5,5-tetram... | 128 | C8H16O       | 015045-43-9  | 83   |
| 2    |    |   | 2,5-Hexanediol, 2,5-dimethyl-       | 146 | C8H18O2      | 000110-03-2  | 64   |
| 3    |    |   | Pyrrolidine, 1-acetyl-              | 113 | C6H11NO      | 004030-18-6  | 53   |
| 4    |    |   | 4[1H]-Pyridone 2,6-dimethyl-1-[2... | 249 | C14H23N3O    | 1000252-17-6 | 47   |
| 5    |    |   | Piperazine, 1-[(2,4-dichlorobenz... | 286 | C13H16Cl2N2O | 1000137-95-1 | 43   |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| 3-Pentanone, 2-... | 7.163 | 1.3     | ug/L  | 82318    | 1                     | 6.250 | 328424 | 5.0  |
| Furan, tetrahyd... | 7.713 | 0.8     | ug/L  | 54313    | 1                     | 6.250 | 328424 | 5.0  |