

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071322\  
 Data File : VV026756.D  
 Acq On : 13 Jul 2022 16:24  
 Operator : SY/MD  
 Sample : N3598-13  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AP0

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\_V\Method\SFAMVTR071122WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV026756.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         | 1.301       | 74            | 81          | 97           | rVB      | 138610         | 144103        | 16.52%          | 1.987%        |
| 2         | 1.561       | 155           | 162         | 173          | rBV      | 127706         | 142505        | 16.34%          | 1.965%        |
| 3         | 2.098       | 320           | 329         | 344          | rVB      | 257114         | 377016        | 43.23%          | 5.198%        |
| 4         | 2.285       | 378           | 387         | 397          | rVB      | 19254          | 28971         | 3.32%           | 0.399%        |
| 5         | 2.503       | 444           | 455         | 465          | rBV2     | 19330          | 32843         | 3.77%           | 0.453%        |
| 6         | 2.564       | 467           | 474         | 490          | rVB3     | 9483           | 18378         | 2.11%           | 0.253%        |
| 7         | 2.960       | 583           | 597         | 607          | rBV9     | 4285           | 10164         | 1.17%           | 0.140%        |
| 8         | 3.912       | 882           | 893         | 924          | rBV      | 42847          | 185098        | 21.23%          | 2.552%        |
| 9         | 4.352       | 1013          | 1030        | 1064         | rVB4     | 213135         | 750375        | 86.05%          | 10.345%       |
| 10        | 5.043       | 1228          | 1245        | 1277         | rBV2     | 347873         | 872040        | 100.00%         | 12.023%       |
| 11        | 5.612       | 1411          | 1422        | 1454         | rBV      | 257639         | 534503        | 61.29%          | 7.369%        |
| 12        | 5.912       | 1506          | 1515        | 1528         | rVB10    | 4542           | 9734          | 1.12%           | 0.134%        |
| 13        | 6.069       | 1550          | 1564        | 1586         | rBV      | 202543         | 429383        | 49.24%          | 5.920%        |
| 14        | 6.574       | 1710          | 1721        | 1735         | rBV5     | 28453          | 70239         | 8.05%           | 0.968%        |
| 15        | 6.989       | 1836          | 1850        | 1870         | rBV2     | 59049          | 119639        | 13.72%          | 1.649%        |
| 16        | 7.140       | 1884          | 1897        | 1920         | rVB2     | 32854          | 67181         | 7.70%           | 0.926%        |
| 17        | 7.313       | 1938          | 1951        | 1968         | rBV      | 352456         | 634432        | 72.75%          | 8.747%        |
| 18        | 7.625       | 2039          | 2048        | 2072         | rBV      | 35667          | 67634         | 7.76%           | 0.932%        |
| 19        | 8.091       | 2183          | 2193        | 2238         | rBV      | 300616         | 742858        | 85.19%          | 10.242%       |
| 20        | 8.850       | 2413          | 2429        | 2453         | rBV      | 403243         | 682962        | 78.32%          | 9.416%        |
| 21        | 9.124       | 2506          | 2514        | 2531         | rVB6     | 10955          | 24444         | 2.80%           | 0.337%        |
| 22        | 10.217      | 2837          | 2854        | 2869         | rBV      | 154360         | 249992        | 28.67%          | 3.447%        |
| 23        | 11.249      | 3164          | 3175        | 3199         | rBV      | 343130         | 543583        | 62.33%          | 7.494%        |
| 24        | 11.622      | 3280          | 3291        | 3317         | rBV      | 309461         | 496863        | 56.98%          | 6.850%        |
| 25        | 16.561      | 4819          | 4827        | 4839         | rVB2     | 11567          | 18222         | 2.09%           | 0.251%        |

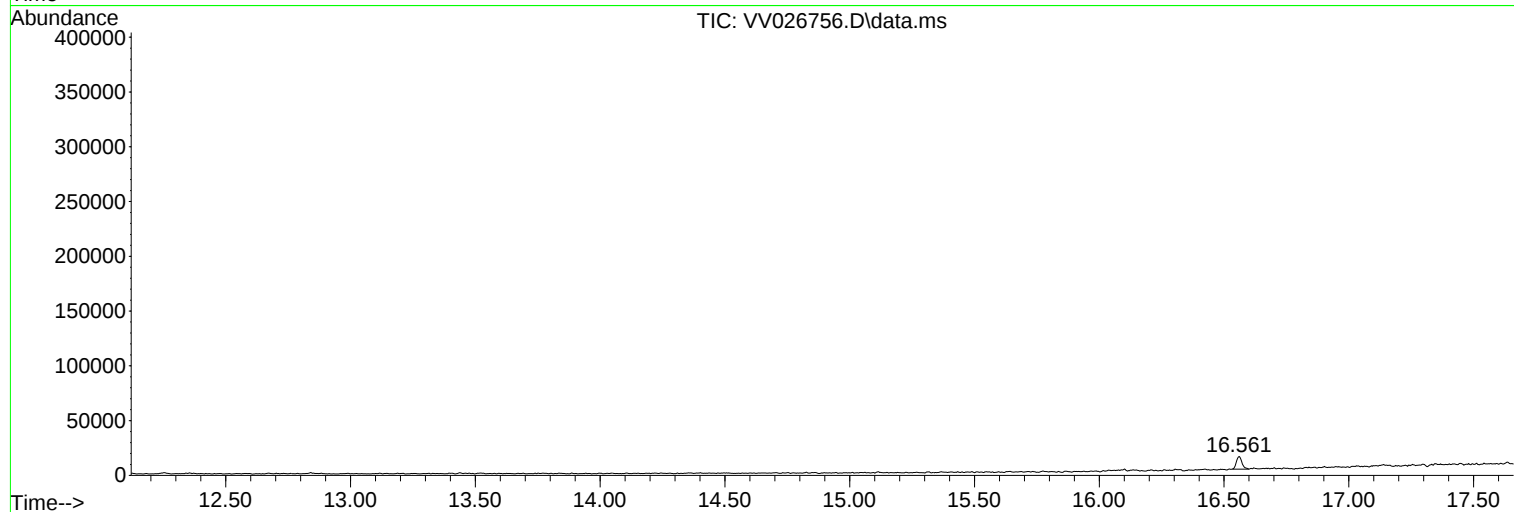
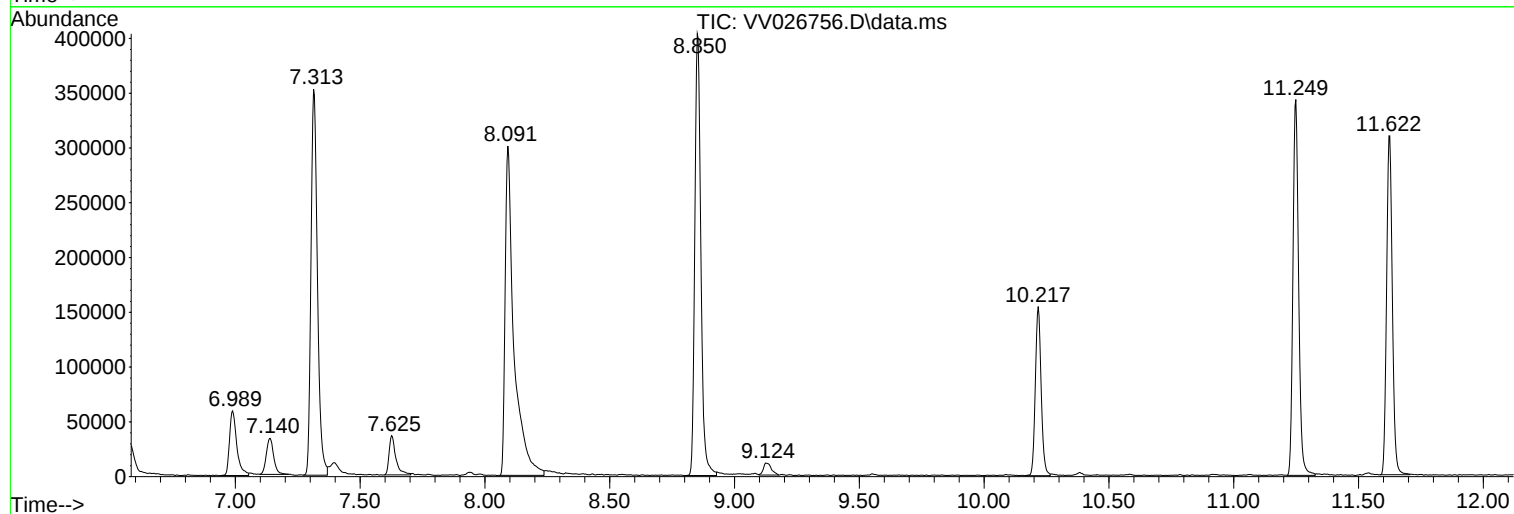
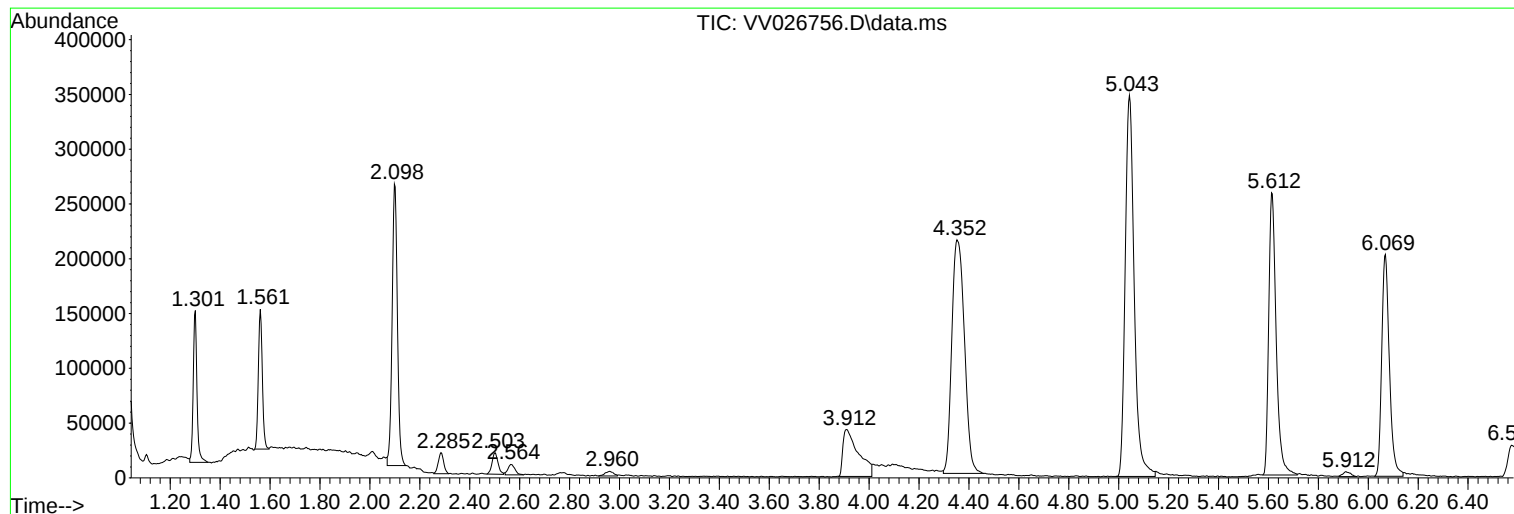
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MSVOA\_V  
ClientSampleId :  
C0AP0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR071122WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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Quant Title : TRACE VOA SFAM1.0

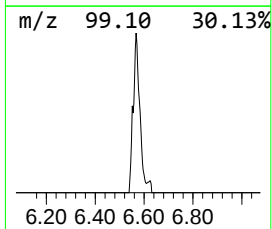
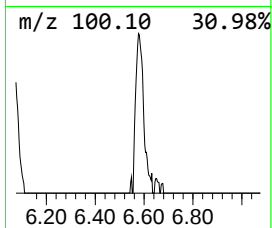
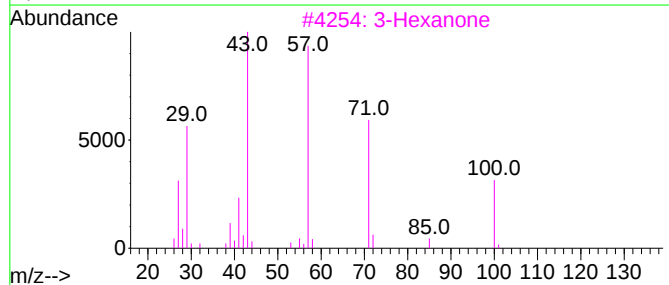
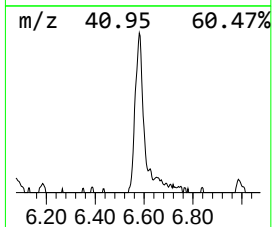
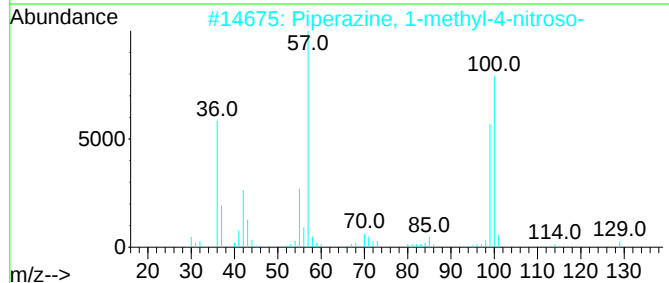
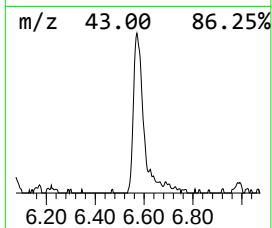
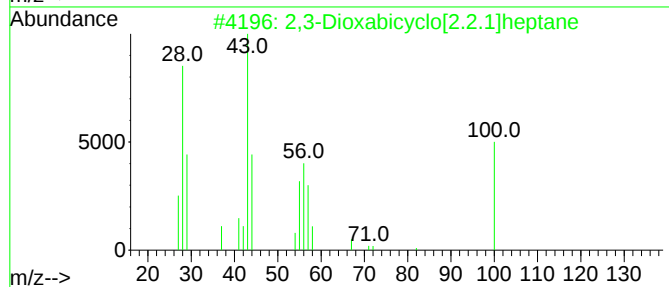
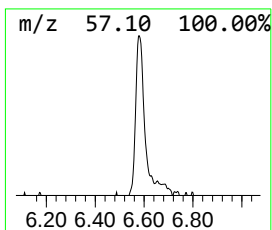
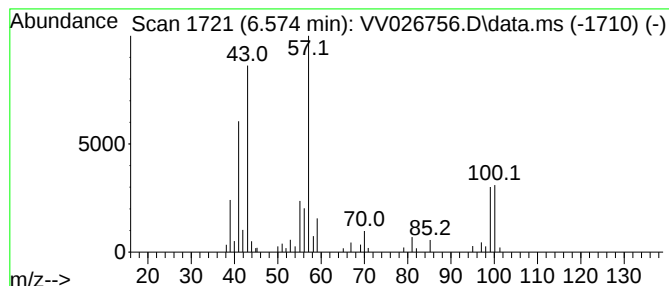
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown-01 Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 6.574 | 0.66 ug/L | 70239 | 1,4-Difluorobenzene | 5.612 |

| Hit# | of 5                            | Tentative ID | MW       | MolForm     | CAS# | Qual |
|------|---------------------------------|--------------|----------|-------------|------|------|
| 1    | 2,3-Dioxabicyclo[2.2.1]heptane  | 100          | C5H8O2   | 000279-35-6 | 43   |      |
| 2    | Piperazine, 1-methyl-4-nitroso- | 129          | C5H11N3O | 016339-07-4 | 43   |      |
| 3    | 3-Hexanone                      | 100          | C6H12O   | 000589-38-8 | 43   |      |
| 4    | 2-Butanone, 3,3-dimethyl-       | 100          | C6H12O   | 000075-97-8 | 38   |      |
| 5    | 4-Bromoheptane                  | 178          | C7H15Br  | 000998-93-6 | 38   |      |



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR071122WMA.M  
Quant Title : TRACE VOA SFAM1.0

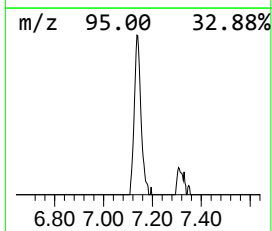
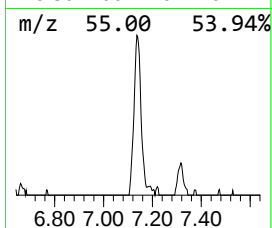
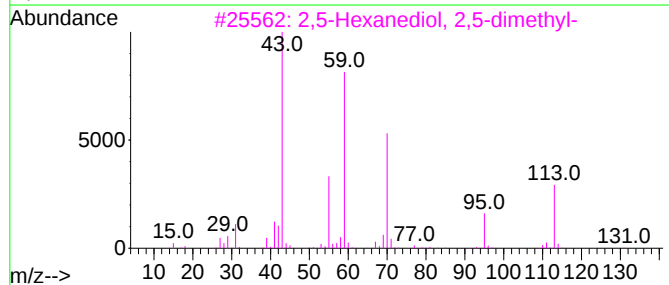
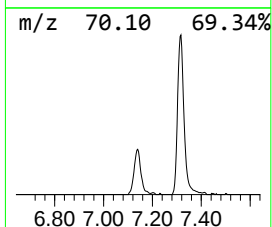
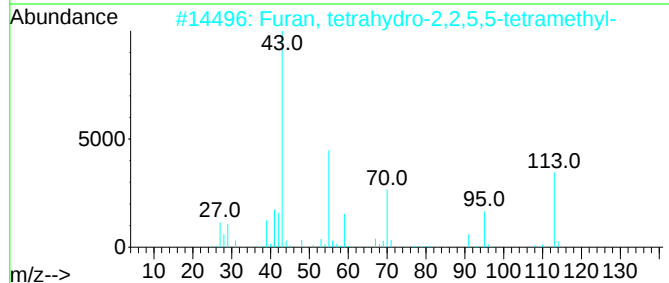
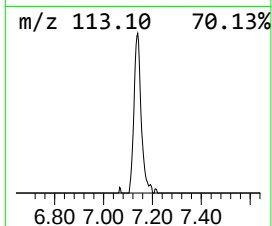
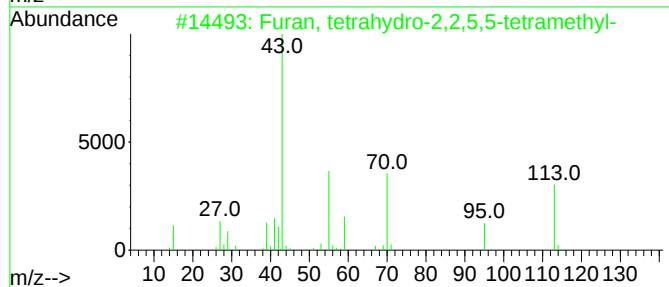
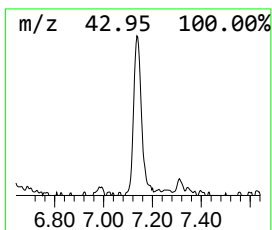
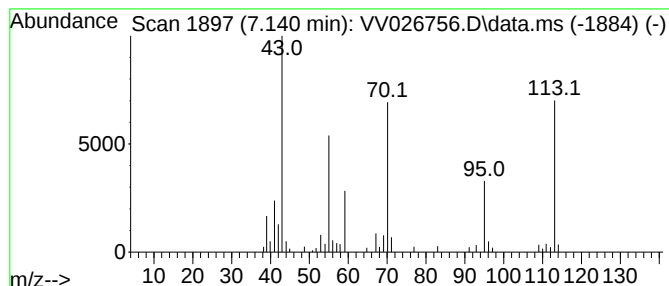
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TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 7.140 | 0.63 ug/L | 67181 | 1,4-Difluorobenzene | 5.612 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Furan, tetrahydro-2,2,5,5-tetram... | 128 | C8H16O   | 015045-43-9 | 64   |
| 2    |    |   | Furan, tetrahydro-2,2,5,5-tetram... | 128 | C8H16O   | 015045-43-9 | 53   |
| 3    |    |   | 2,5-Hexanediol, 2,5-dimethyl-       | 146 | C8H18O2  | 000110-03-2 | 47   |
| 4    |    |   | Ethosuximide                        | 141 | C7H11NO2 | 000077-67-8 | 43   |
| 5    |    |   | Ethosuximide                        | 141 | C7H11NO2 | 000077-67-8 | 43   |



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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 |
| unknown-01         | 6.574 | 0.7     | ug/L  | 70239    | 1                     | 5.612 | 534503 | 5.0  |
| Furan, tetrahyd... | 7.140 | 0.6     | ug/L  | 67181    | 1                     | 5.612 | 534503 | 5.0  |