

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV061822\  
 Data File : VV026421.D  
 Acq On : 18 Jun 2022 13:35  
 Operator : SY/MD  
 Sample : N3345-02  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AK5

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\SFAMVTR061522WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV026421.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         | 1.265       | 54            | 70          | 72           | rBV2     | 16273          | 34766         | 4.95%           | 0.614%        |
| 2         | 1.323       | 81            | 88          | 102          | rVB      | 124953         | 138466        | 19.71%          | 2.444%        |
| 3         | 1.584       | 161           | 169         | 184          | rBV      | 109135         | 131905        | 18.78%          | 2.328%        |
| 4         | 2.124       | 327           | 337         | 353          | rVB      | 213874         | 315391        | 44.90%          | 5.567%        |
| 5         | 2.310       | 386           | 395         | 406          | rVB      | 9904           | 15384         | 2.19%           | 0.272%        |
| 6         | 2.976       | 591           | 602         | 620          | rBV3     | 4545           | 10395         | 1.48%           | 0.183%        |
| 7         | 3.931       | 888           | 899         | 935          | rBV2     | 34173          | 148963        | 21.21%          | 2.630%        |
| 8         | 4.365       | 1016          | 1034        | 1068         | rBV4     | 146053         | 458335        | 65.25%          | 8.091%        |
| 9         | 5.059       | 1234          | 1250        | 1282         | rBV2     | 284303         | 702385        | 100.00%         | 12.399%       |
| 10        | 5.625       | 1414          | 1426        | 1452         | rVV      | 216901         | 444053        | 63.22%          | 7.839%        |
| 11        | 6.075       | 1552          | 1566        | 1595         | rBV      | 155796         | 325955        | 46.41%          | 5.754%        |
| 12        | 6.580       | 1710          | 1723        | 1742         | rBV5     | 33774          | 77850         | 11.08%          | 1.374%        |
| 13        | 6.992       | 1841          | 1851        | 1871         | rBV      | 52348          | 101545        | 14.46%          | 1.793%        |
| 14        | 7.140       | 1885          | 1897        | 1917         | rVB3     | 28509          | 56062         | 7.98%           | 0.990%        |
| 15        | 7.320       | 1940          | 1953        | 1970         | rBV      | 346608         | 605266        | 86.17%          | 10.684%       |
| 16        | 7.397       | 1971          | 1977        | 1996         | rVB2     | 12207          | 26761         | 3.81%           | 0.472%        |
| 17        | 7.629       | 2036          | 2049        | 2066         | rBV2     | 27641          | 51969         | 7.40%           | 0.917%        |
| 18        | 8.095       | 2181          | 2194        | 2223         | rBV2     | 190682         | 397420        | 56.58%          | 7.015%        |
| 19        | 8.854       | 2418          | 2430        | 2452         | rBV      | 328058         | 537256        | 76.49%          | 9.484%        |
| 20        | 9.130       | 2506          | 2516        | 2532         | rBV8     | 8216           | 17584         | 2.50%           | 0.310%        |
| 21        | 10.217      | 2842          | 2854        | 2871         | rBV      | 96696          | 155642        | 22.16%          | 2.747%        |
| 22        | 10.384      | 2896          | 2906        | 2919         | rVB4     | 7004           | 11468         | 1.63%           | 0.202%        |
| 23        | 11.249      | 3163          | 3175        | 3195         | rBV      | 289889         | 446842        | 63.62%          | 7.888%        |
| 24        | 11.625      | 3279          | 3292        | 3312         | rBV      | 261344         | 416076        | 59.24%          | 7.345%        |
| 25        | 16.480      | 4794          | 4802        | 4814         | rVB2     | 18707          | 29220         | 4.16%           | 0.516%        |
| 26        | 17.387      | 5078          | 5084        | 5092         | rVB5     | 5191           | 8003          | 1.14%           | 0.141%        |

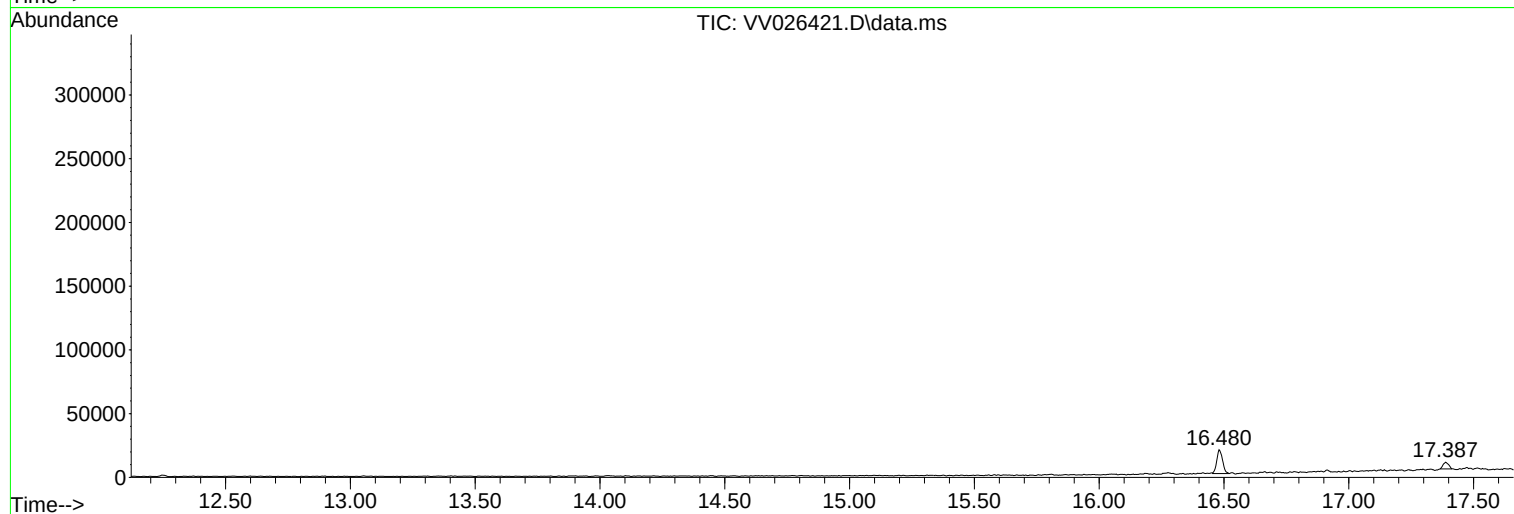
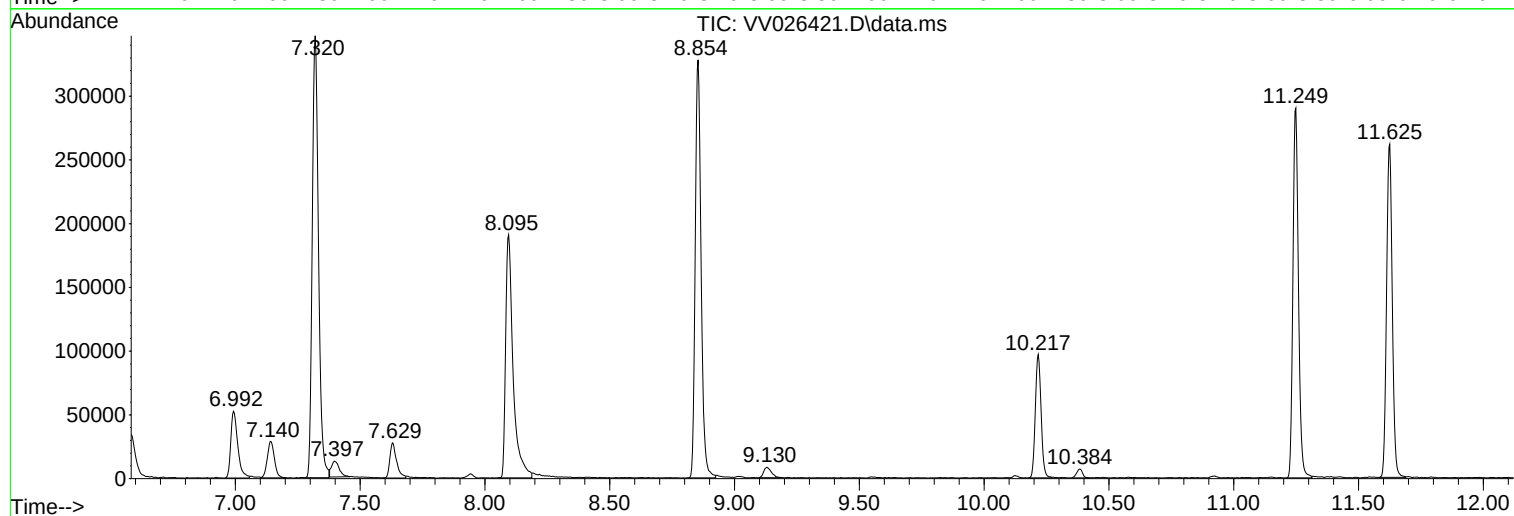
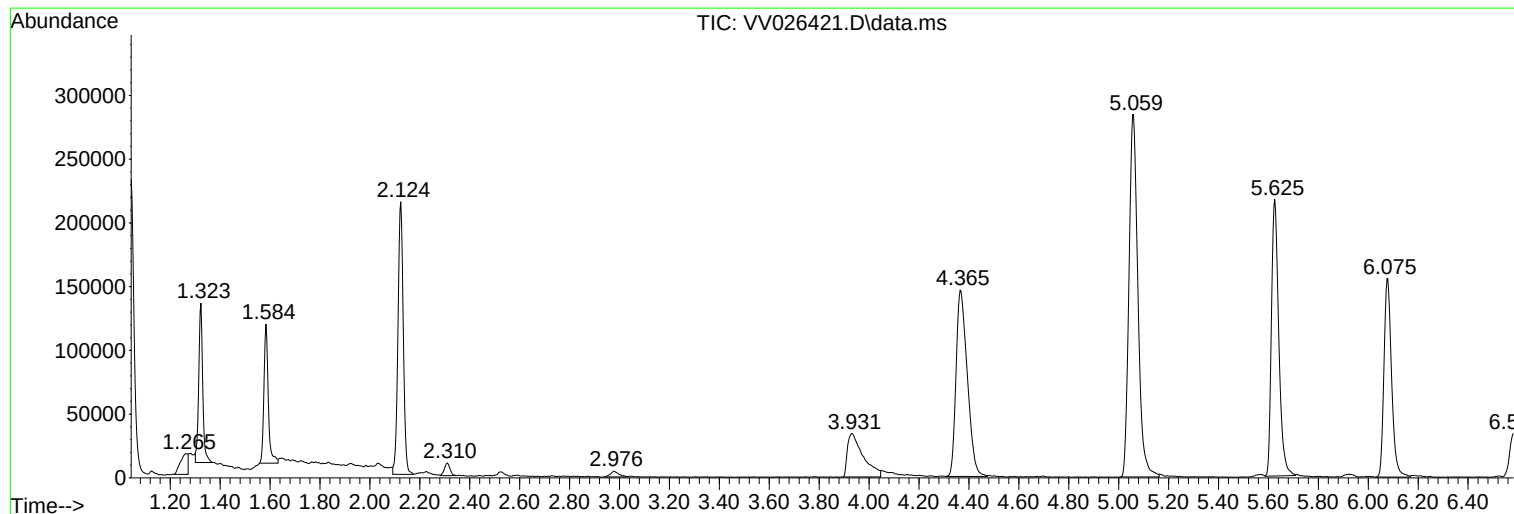
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MSVOA\_V  
ClientSampleId :  
C0AK5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR061522WMA.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

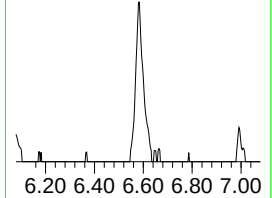
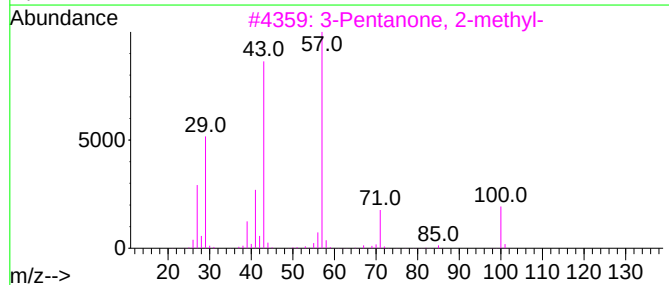
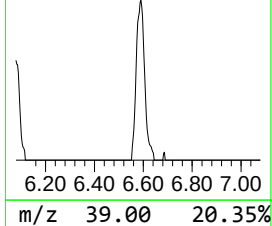
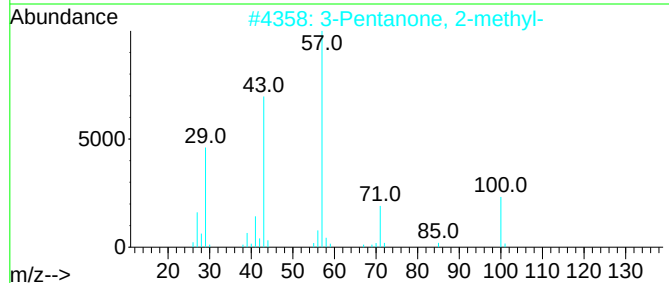
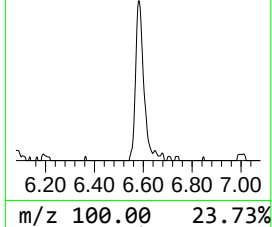
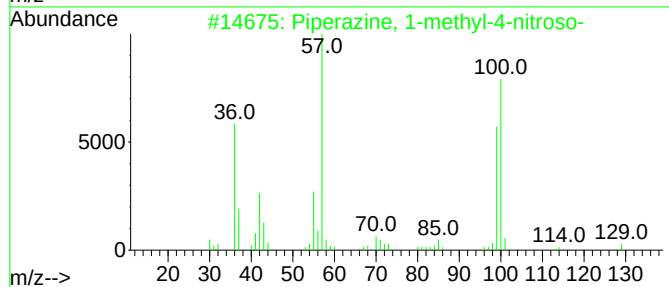
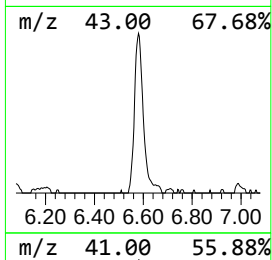
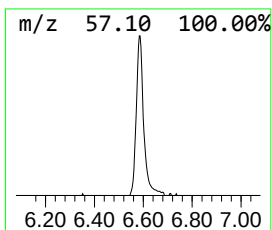
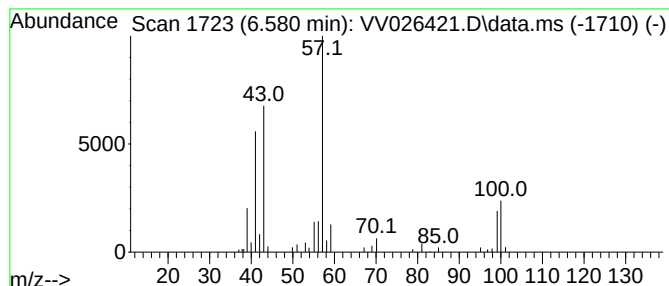
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Piperazine, 1-methyl-4-nitr... Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 6.580 | 0.88 ug/L | 77850 | 1,4-Difluorobenzene | 5.625 |

| Hit# | of 5 | Tentative ID                    | MW  | MolForm  | CAS#        | Qual |
|------|------|---------------------------------|-----|----------|-------------|------|
| 1    |      | Piperazine, 1-methyl-4-nitroso- | 129 | C5H11N3O | 016339-07-4 | 64   |
| 2    |      | 3-Pentanone, 2-methyl-          | 100 | C6H12O   | 000565-69-5 | 49   |
| 3    |      | 3-Pentanone, 2-methyl-          | 100 | C6H12O   | 000565-69-5 | 47   |
| 4    |      | 3-Pentanone, 2-methyl-          | 100 | C6H12O   | 000565-69-5 | 47   |
| 5    |      | 2-Butanone, 3,3-dimethyl-       | 100 | C6H12O   | 000075-97-8 | 43   |



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Quant Title : TRACE VOA SFAM1.0

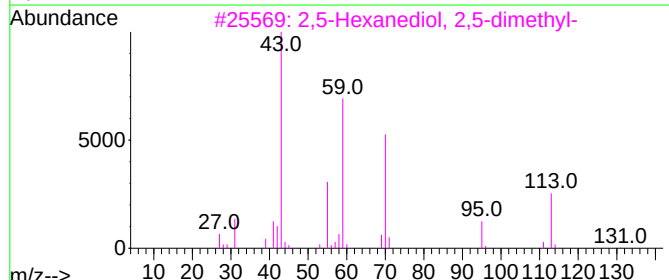
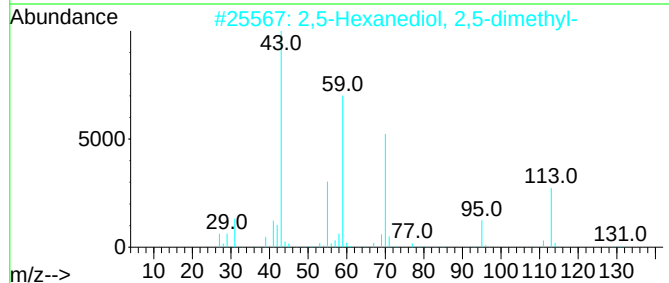
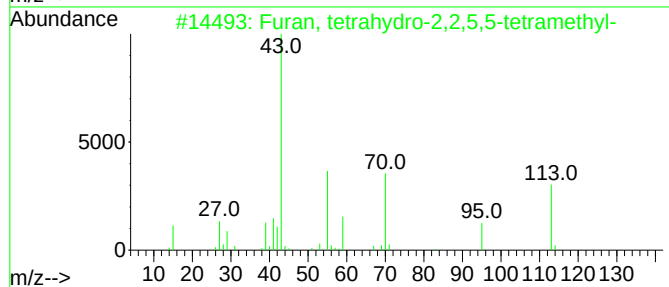
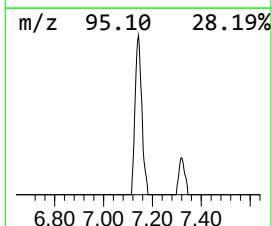
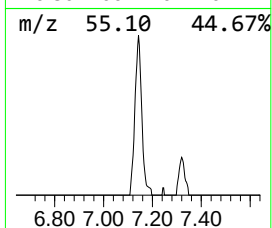
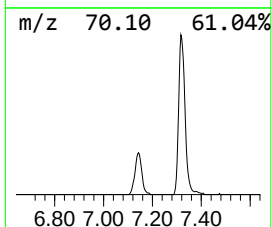
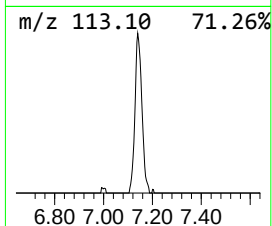
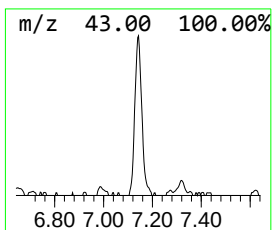
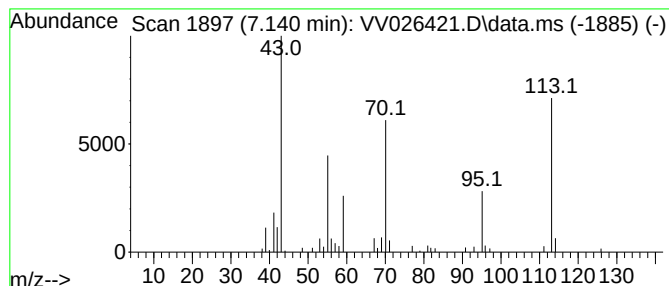
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 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 | 56062 | 1,4-Difluorobenzene | 5.625 |

| 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    |    |   | 2,5-Hexanediol, 2,5-dimethyl-       | 146 | C8H18O2  | 000110-03-2 | 50   |
| 4    |    |   | Ethosuximide                        | 141 | C7H11NO2 | 000077-67-8 | 47   |
| 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 |
| Piperazine, 1-m... | 6.580 | 0.9     | ug/L  | 77850    | 1                     | 5.625 | 444053 | 5.0  |
| Furan, tetrahyd... | 7.140 | 0.6     | ug/L  | 56062    | 1                     | 5.625 | 444053 | 5.0  |