

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV102621\  
 Data File : VV023039.D  
 Acq On : 26 Oct 2021 15:16  
 Operator : SY/MD  
 Sample : M4277-08DL 4X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFGB4DL

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\SFAMVTR102221WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV023039.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         | 1.201       | 44            | 50          | 61           | rBV      | 237182         | 206563        | 38.46%          | 4.521%        |
| 2         | 1.307       | 76            | 83          | 96           | rVB      | 84514          | 89919         | 16.74%          | 1.968%        |
| 3         | 1.568       | 157           | 164         | 173          | rBV      | 47358          | 53441         | 9.95%           | 1.170%        |
| 4         | 2.108       | 322           | 332         | 345          | rBV      | 99108          | 144632        | 26.93%          | 3.166%        |
| 5         | 2.506       | 447           | 456         | 469          | rVB4     | 6392           | 10977         | 2.04%           | 0.240%        |
| 6         | 2.764       | 531           | 536         | 556          | rVB4     | 4638           | 9223          | 1.72%           | 0.202%        |
| 7         | 3.912       | 876           | 893         | 932          | rBV3     | 121381         | 396670        | 73.85%          | 8.683%        |
| 8         | 4.352       | 1013          | 1030        | 1055         | rBV      | 87453          | 237313        | 44.18%          | 5.194%        |
| 9         | 5.050       | 1230          | 1247        | 1274         | rBV2     | 211226         | 537147        | 100.00%         | 11.757%       |
| 10        | 5.619       | 1413          | 1424        | 1456         | rBV      | 146366         | 305023        | 56.79%          | 6.677%        |
| 11        | 5.921       | 1503          | 1518        | 1533         | rBV4     | 16051          | 36465         | 6.79%           | 0.798%        |
| 12        | 6.072       | 1551          | 1565        | 1587         | rBV2     | 122074         | 252391        | 46.99%          | 5.524%        |
| 13        | 6.989       | 1841          | 1850        | 1874         | rBV      | 56482          | 105825        | 19.70%          | 2.316%        |
| 14        | 7.320       | 1940          | 1953        | 1970         | rBV      | 242189         | 432036        | 80.43%          | 9.457%        |
| 15        | 7.397       | 1971          | 1977        | 1989         | rVB2     | 9562           | 17933         | 3.34%           | 0.393%        |
| 16        | 7.625       | 2039          | 2048        | 2066         | rBV      | 33858          | 62437         | 11.62%          | 1.367%        |
| 17        | 7.979       | 2149          | 2158        | 2172         | rVB2     | 24588          | 42777         | 7.96%           | 0.936%        |
| 18        | 8.091       | 2183          | 2193        | 2229         | rBV      | 219574         | 429702        | 80.00%          | 9.406%        |
| 19        | 8.853       | 2419          | 2430        | 2449         | rBV      | 234989         | 381731        | 71.07%          | 8.356%        |
| 20        | 10.217      | 2844          | 2854        | 2872         | rBV      | 80959          | 130967        | 24.38%          | 2.867%        |
| 21        | 11.249      | 3164          | 3175        | 3197         | rBV      | 207466         | 329386        | 61.32%          | 7.210%        |
| 22        | 11.625      | 3281          | 3292        | 3314         | rBV      | 226320         | 356025        | 66.28%          | 7.793%        |

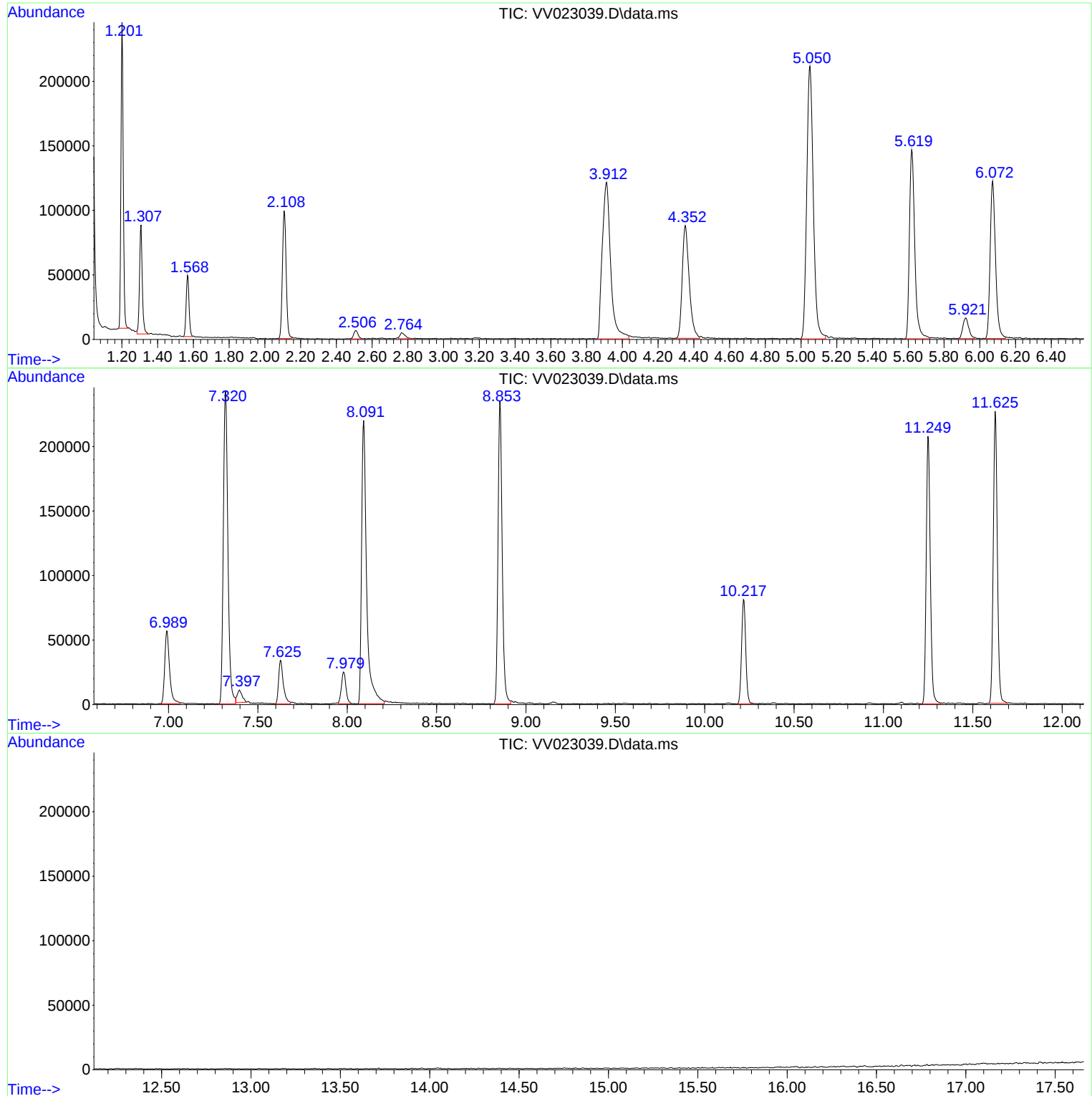
Sum of corrected areas: 4568583

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Instrument :  
MSVOA\_V  
ClientSampleId :  
BFGB4DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102221WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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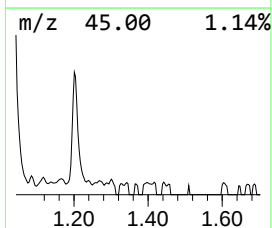
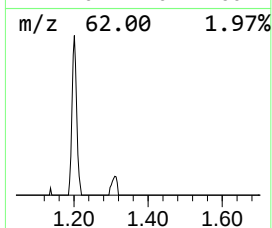
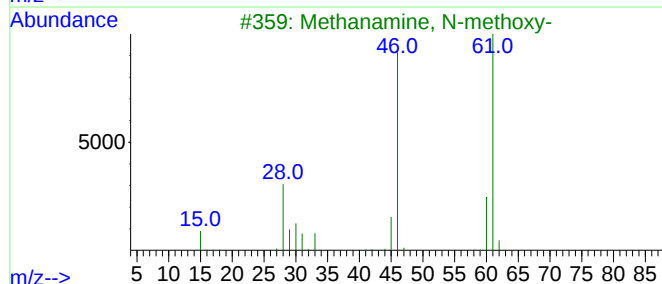
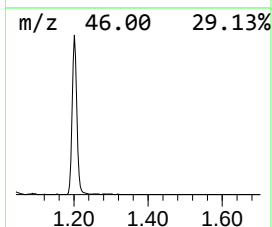
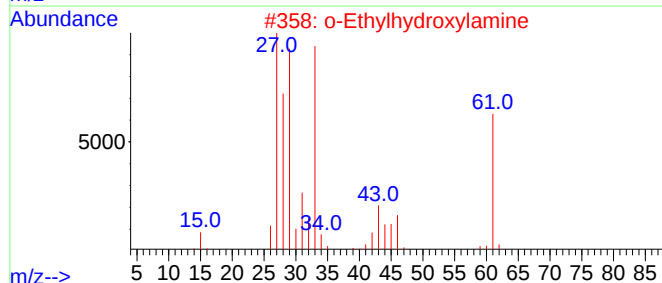
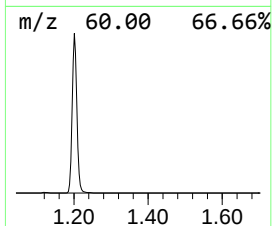
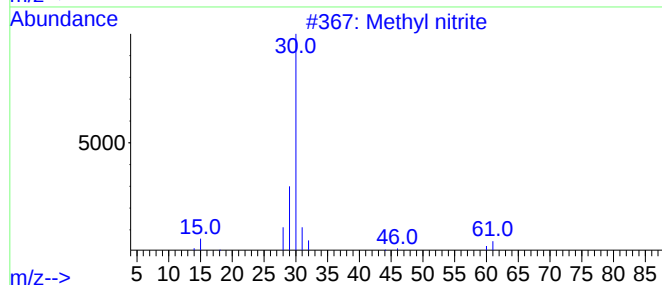
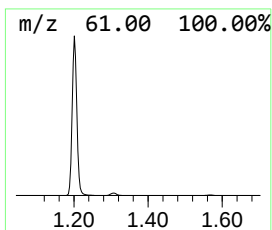
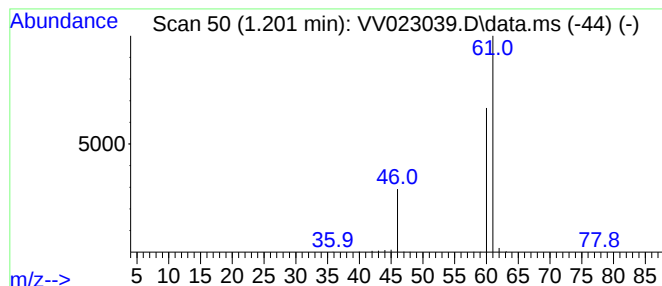
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102221WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 1 unknown-01 Concentration Rank 1

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 1.201 | 3.39 ug/L | 206563 | 1,4-Difluorobenzene | 5.619 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Methyl nitrite          | 61  | CH3NO2  | 000624-91-9 | 5    |
| 2    |    |   | o-Ethylhydroxylamine    | 61  | C2H7NO  | 000624-86-2 | 4    |
| 3    |    |   | Methanamine, N-methoxy- | 61  | C2H7NO  | 001117-97-1 | 4    |
| 4    |    |   | Cyanogen chloride       | 61  | CClN    | 000506-77-4 | 4    |
| 5    |    |   | Trifluoroguanidine      | 113 | CH2F3N3 | 037950-72-4 | 4    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| unknown-01       | 1.201 | 3.4     | ug/L  | 206563   | 1                     | 5.619 | 305023 | 5.0  |