

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV112621\  
 Data File : VV023726.D  
 Acq On : 26 Nov 2021 15:23  
 Operator : SY/MD  
 Sample : M4821-04DL 5X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H4645DL

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\SFAMVTR112321WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV023726.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          | 70           | rVB2     | 48871          | 55923         | 10.87%          | 1.290%        |
| 2         | 1.307       | 75            | 83          | 93           | rBV2     | 83254          | 86416         | 16.80%          | 1.993%        |
| 3         | 1.568       | 153           | 164         | 177          | rBV      | 54420          | 67192         | 13.06%          | 1.549%        |
| 4         | 2.108       | 321           | 332         | 348          | rVB      | 92874          | 140024        | 27.22%          | 3.229%        |
| 5         | 2.507       | 447           | 456         | 470          | rBV2     | 9281           | 15638         | 3.04%           | 0.361%        |
| 6         | 2.764       | 522           | 536         | 558          | rBV3     | 140013         | 294385        | 57.22%          | 6.788%        |
| 7         | 3.195       | 661           | 670         | 678          | rBV2     | 3195           | 5949          | 1.16%           | 0.137%        |
| 8         | 3.912       | 876           | 893         | 925          | rBV3     | 174213         | 514508        | 100.00%         | 11.864%       |
| 9         | 4.349       | 1014          | 1029        | 1056         | rBV2     | 75080          | 192287        | 37.37%          | 4.434%        |
| 10        | 5.047       | 1228          | 1246        | 1276         | rBV2     | 156610         | 409320        | 79.56%          | 9.438%        |
| 11        | 5.619       | 1411          | 1424        | 1446         | rBV      | 146319         | 298038        | 57.93%          | 6.872%        |
| 12        | 5.915       | 1505          | 1516        | 1537         | rBV2     | 61735          | 127223        | 24.73%          | 2.934%        |
| 13        | 6.072       | 1551          | 1565        | 1590         | rBV2     | 92511          | 195611        | 38.02%          | 4.511%        |
| 14        | 6.989       | 1840          | 1850        | 1872         | rBV2     | 44003          | 85203         | 16.56%          | 1.965%        |
| 15        | 7.317       | 1940          | 1952        | 1971         | rBV      | 178424         | 312110        | 60.66%          | 7.197%        |
| 16        | 7.625       | 2038          | 2048        | 2067         | rBV3     | 26166          | 48665         | 9.46%           | 1.122%        |
| 17        | 8.088       | 2180          | 2192        | 2224         | rBV      | 193837         | 367342        | 71.40%          | 8.471%        |
| 18        | 8.854       | 2418          | 2430        | 2448         | rBV      | 225288         | 368051        | 71.53%          | 8.487%        |
| 19        | 10.217      | 2842          | 2854        | 2867         | rBV      | 72520          | 113851        | 22.13%          | 2.625%        |
| 20        | 11.249      | 3164          | 3175        | 3200         | rBV      | 217133         | 338688        | 65.83%          | 7.810%        |
| 21        | 11.625      | 3280          | 3292        | 3310         | rBV      | 191977         | 300287        | 58.36%          | 6.924%        |

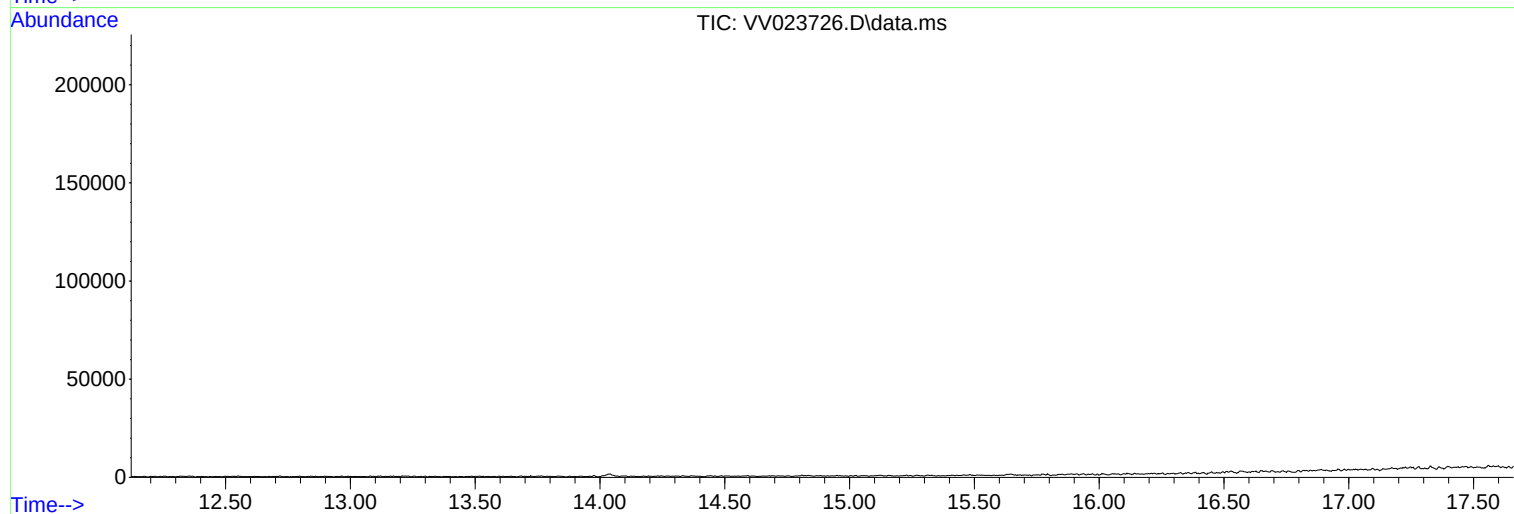
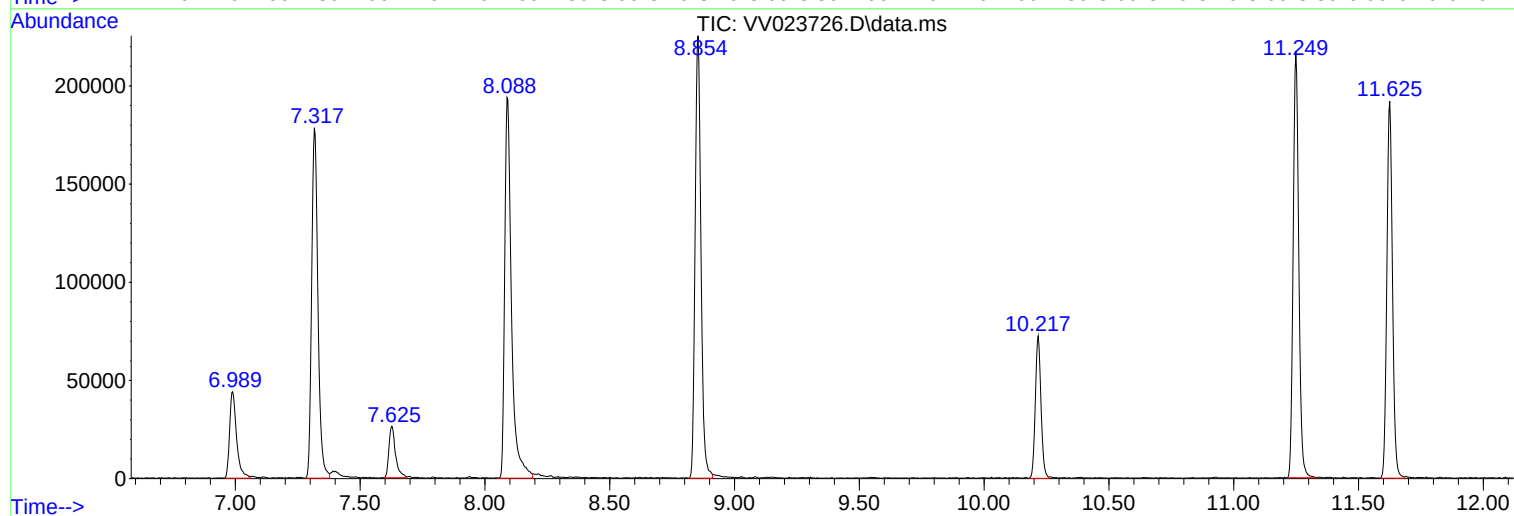
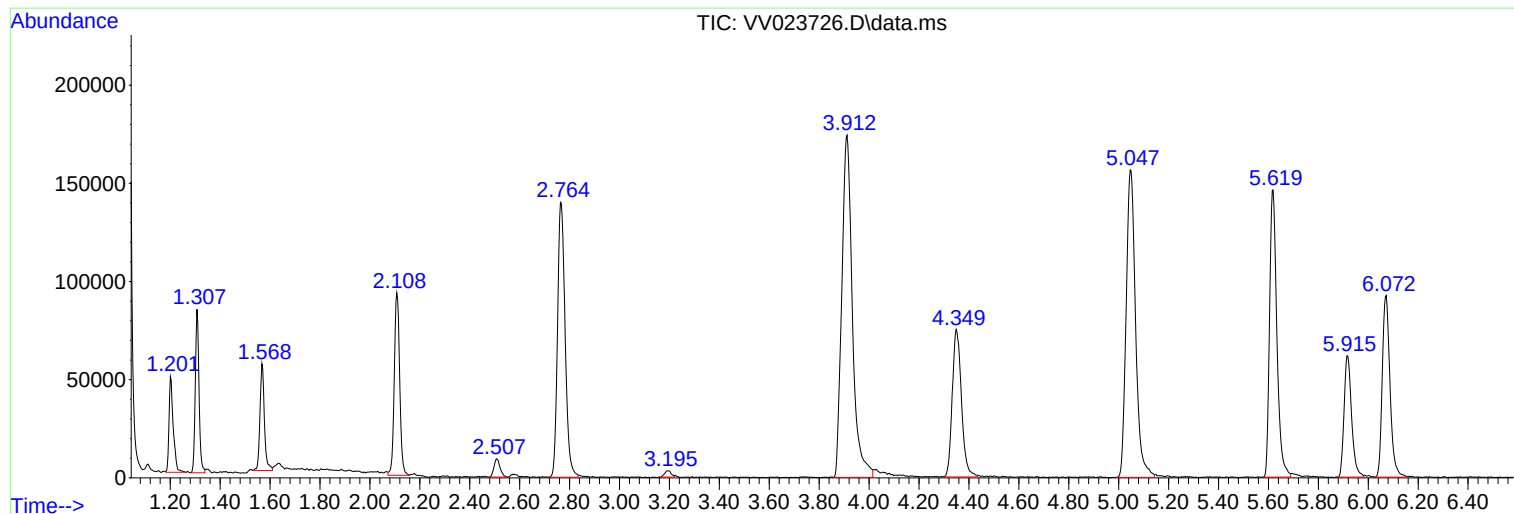
Sum of corrected areas: 4336711

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Instrument :  
MSVOA\_V  
ClientSampleId :  
H4645DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR112321WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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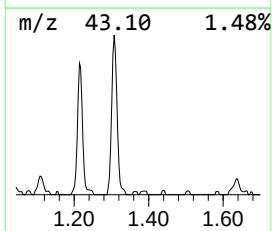
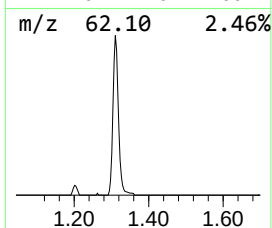
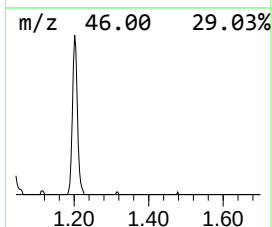
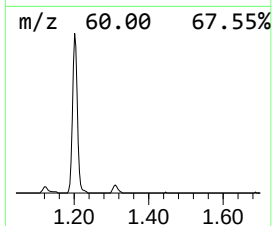
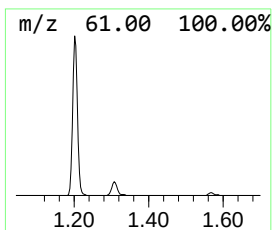
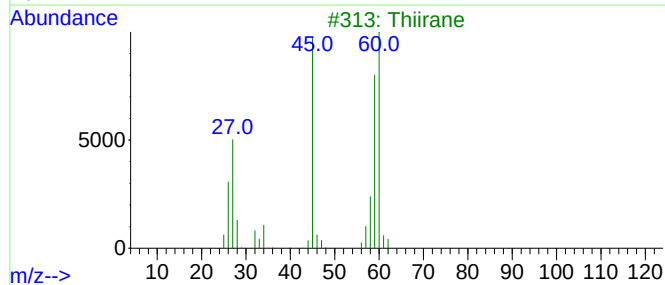
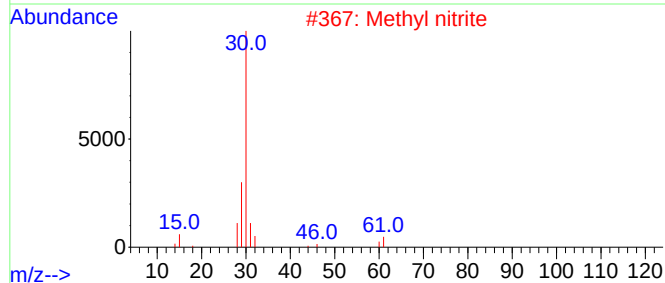
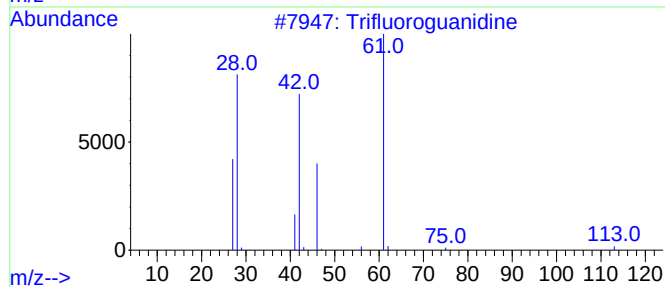
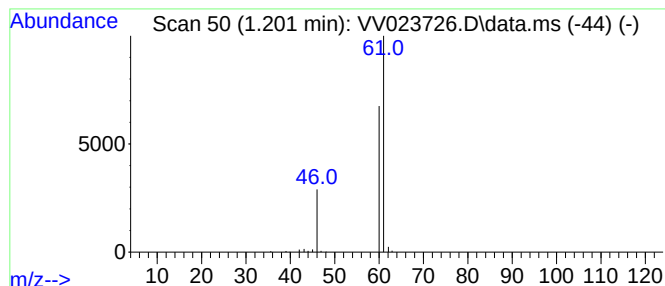
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown-01 Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.201 | 0.94 ug/L | 55923 | 1,4-Difluorobenzene | 5.619 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------|-----|---------|-------------|------|
| 1    |    |   | Trifluoroguanidine | 113 | CH2F3N3 | 037950-72-4 | 9    |
| 2    |    |   | Methyl nitrite     | 61  | CH3NO2  | 000624-91-9 | 5    |
| 3    |    |   | Thiirane           | 60  | C2H4S   | 000420-12-2 | 5    |
| 4    |    |   | Carbonyl sulfide   | 60  | COS     | 000463-58-1 | 4    |
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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| unknown-01       | 1.201 | 0.9     | ug/L  | 55923    | 1                     | 5.619 | 298038 | 5.0  |