

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV120921\  
 Data File : VV023874.D  
 Acq On : 09 Dec 2021 20:16  
 Operator : SY/MD  
 Sample : M5003-06  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0CW4

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: VV023874.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          | 60           | rBV      | 24370          | 23131         | 6.84%           | 0.870%        |
| 2         | 1.304       | 75            | 82          | 89           | rBV      | 43675          | 41244         | 12.20%          | 1.552%        |
| 3         | 1.565       | 155           | 163         | 174          | rVB      | 40652          | 45692         | 13.52%          | 1.719%        |
| 4         | 2.105       | 321           | 331         | 343          | rBV      | 80725          | 115833        | 34.27%          | 4.358%        |
| 5         | 3.928       | 884           | 898         | 899          | rBV3     | 10620          | 14454         | 4.28%           | 0.544%        |
| 6         | 4.349       | 1013          | 1029        | 1051         | rBV      | 65650          | 161525        | 47.79%          | 6.077%        |
| 7         | 5.047       | 1231          | 1246        | 1271         | rBV2     | 137448         | 338017        | 100.00%         | 12.717%       |
| 8         | 5.619       | 1412          | 1424        | 1450         | rBV2     | 106334         | 219699        | 65.00%          | 8.265%        |
| 9         | 6.072       | 1550          | 1565        | 1595         | rBV      | 80494          | 168425        | 49.83%          | 6.336%        |
| 10        | 6.989       | 1839          | 1850        | 1867         | rBV3     | 36779          | 70945         | 20.99%          | 2.669%        |
| 11        | 7.317       | 1941          | 1952        | 1971         | rBV      | 153887         | 271837        | 80.42%          | 10.227%       |
| 12        | 7.625       | 2040          | 2048        | 2061         | rBV      | 21157          | 38000         | 11.24%          | 1.430%        |
| 13        | 7.941       | 2138          | 2146        | 2147         | rBV3     | 3450           | 3956          | 1.17%           | 0.149%        |
| 14        | 8.095       | 2183          | 2194        | 2215         | rBV      | 142636         | 279892        | 82.80%          | 10.530%       |
| 15        | 8.854       | 2418          | 2430        | 2451         | rBV      | 161460         | 266783        | 78.93%          | 10.037%       |
| 16        | 10.217      | 2843          | 2854        | 2869         | rBV      | 58343          | 91830         | 27.17%          | 3.455%        |
| 17        | 10.381      | 2895          | 2905        | 2915         | rVB2     | 5956           | 9622          | 2.85%           | 0.362%        |
| 18        | 11.249      | 3164          | 3175        | 3199         | rBV      | 155638         | 243902        | 72.16%          | 9.176%        |
| 19        | 11.625      | 3280          | 3292        | 3308         | rBV      | 160227         | 253264        | 74.93%          | 9.528%        |

Sum of corrected areas: 2658051



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV120921\  
Data File : VV023874.D  
Acq On : 09 Dec 2021 20:16  
Operator : SY/MD  
Sample : M5003-06  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0CW4

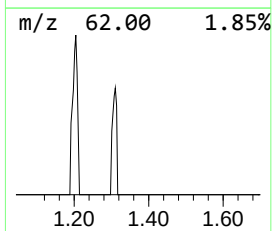
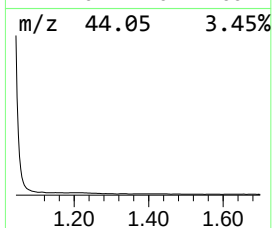
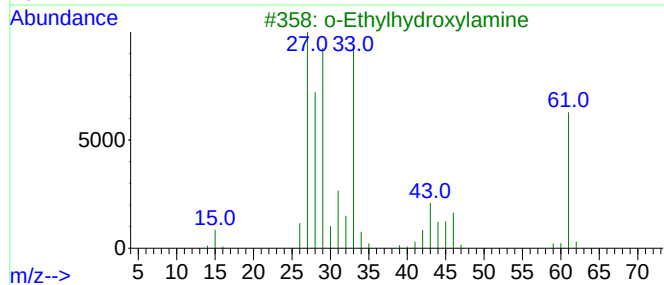
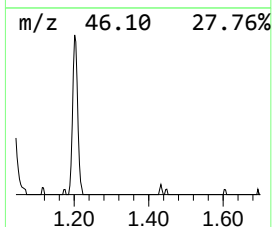
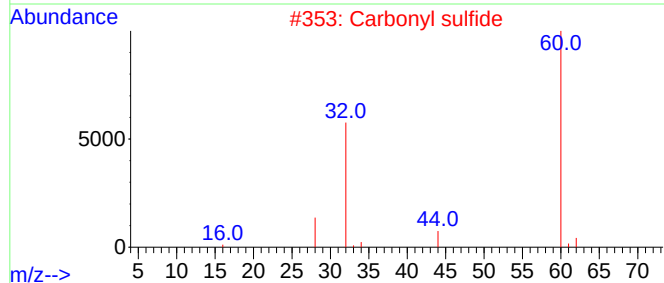
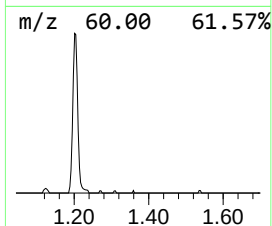
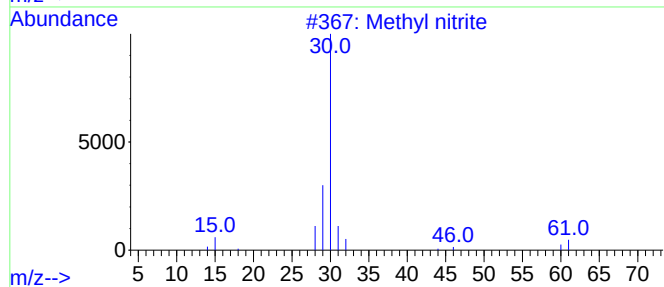
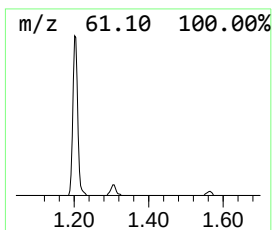
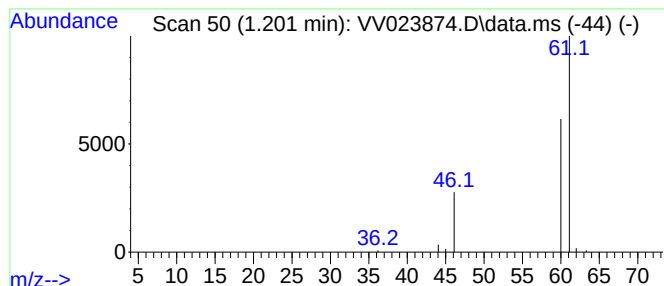
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR112321WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

\*\*\*\*\*  
Peak Number 1 unknown-01 Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.201 | 0.53 ug/L | 23131 | 1,4-Difluorobenzene | 5.619 |

| Hit# | of | 5 | Tentative ID         | MW | MolForm | CAS#        | Qual |
|------|----|---|----------------------|----|---------|-------------|------|
| 1    |    |   | Methyl nitrite       | 61 | CH3NO2  | 000624-91-9 | 5    |
| 2    |    |   | Carbonyl sulfide     | 60 | COS     | 000463-58-1 | 4    |
| 3    |    |   | o-Ethylhydroxylamine | 61 | C2H7NO  | 000624-86-2 | 4    |
| 4    |    |   | Methyl formate       | 60 | C2H4O2  | 000107-31-3 | 4    |
| 5    |    |   | Methyl formate       | 60 | C2H4O2  | 000107-31-3 | 4    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV120921\  
Data File : VV023874.D  
Acq On : 09 Dec 2021 20:16  
Operator : SY/MD  
Sample : M5003-06  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0CW4

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

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| unknown-01       | 1.201 | 0.5     | ug/L  | 23131    | 1                     | 5.619 | 219699 | 5.0  |