

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV111621\  
 Data File : VV023543.D  
 Acq On : 16 Nov 2021 18:49  
 Operator : SY/MD  
 Sample : M4617-14DL 20X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG218DL

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\SFAMVTR110421WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV023543.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      | 116674         | 100209        | 29.10%          | 2.990%        |
| 2         | 1.304       | 76            | 82          | 91           | rBV      | 46809          | 45457         | 13.20%          | 1.356%        |
| 3         | 1.568       | 156           | 164         | 178          | rBV      | 43554          | 48577         | 14.11%          | 1.449%        |
| 4         | 1.754       | 212           | 222         | 235          | rBV      | 241852         | 317381        | 92.18%          | 9.470%        |
| 5         | 2.108       | 320           | 332         | 345          | rBV      | 86035          | 130565        | 37.92%          | 3.896%        |
| 6         | 2.510       | 447           | 457         | 476          | rVB2     | 10942          | 18844         | 5.47%           | 0.562%        |
| 7         | 2.777       | 529           | 540         | 551          | rVB3     | 2344           | 4578          | 1.33%           | 0.137%        |
| 8         | 3.195       | 654           | 670         | 680          | rBV5     | 1896           | 3793          | 1.10%           | 0.113%        |
| 9         | 3.921       | 885           | 896         | 912          | rBV2     | 14894          | 51449         | 14.94%          | 1.535%        |
| 10        | 4.349       | 1015          | 1029        | 1064         | rVB2     | 60300          | 164117        | 47.66%          | 4.897%        |
| 11        | 5.050       | 1231          | 1247        | 1271         | rBV3     | 131819         | 334452        | 97.13%          | 9.979%        |
| 12        | 5.619       | 1412          | 1424        | 1451         | rBV      | 131052         | 270778        | 78.64%          | 8.079%        |
| 13        | 5.918       | 1501          | 1517        | 1539         | rBV5     | 32108          | 70575         | 20.50%          | 2.106%        |
| 14        | 6.072       | 1551          | 1565        | 1596         | rBV      | 76985          | 163974        | 47.62%          | 4.893%        |
| 15        | 6.989       | 1840          | 1850        | 1874         | rBV      | 36797          | 70962         | 20.61%          | 2.117%        |
| 16        | 7.317       | 1941          | 1952        | 1976         | rBV      | 152100         | 274717        | 79.79%          | 8.197%        |
| 17        | 7.629       | 2038          | 2049        | 2067         | rBV2     | 20785          | 38993         | 11.32%          | 1.163%        |
| 18        | 8.095       | 2185          | 2194        | 2228         | rBV2     | 102082         | 271469        | 78.84%          | 8.100%        |
| 19        | 8.854       | 2417          | 2430        | 2458         | rBV      | 207771         | 344319        | 100.00%         | 10.274%       |
| 20        | 10.217      | 2843          | 2854        | 2872         | rBV2     | 51593          | 83873         | 24.36%          | 2.503%        |
| 21        | 11.249      | 3164          | 3175        | 3192         | rBV      | 190679         | 298878        | 86.80%          | 8.918%        |
| 22        | 11.625      | 3280          | 3292        | 3310         | rBV      | 153767         | 243485        | 70.71%          | 7.265%        |

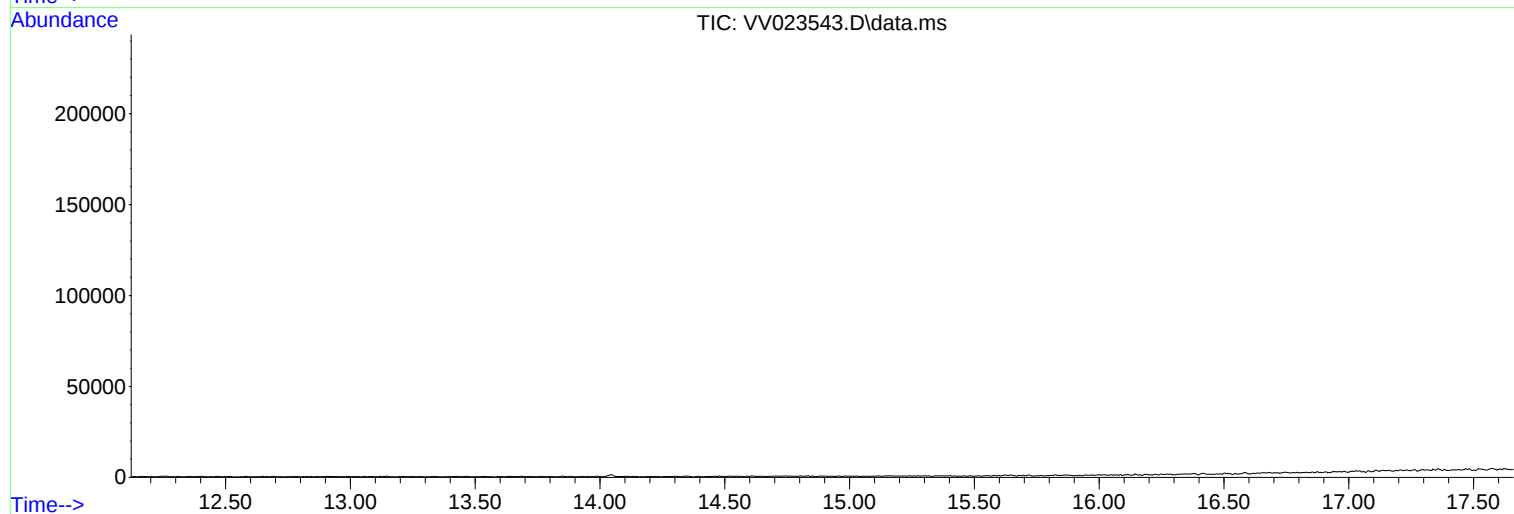
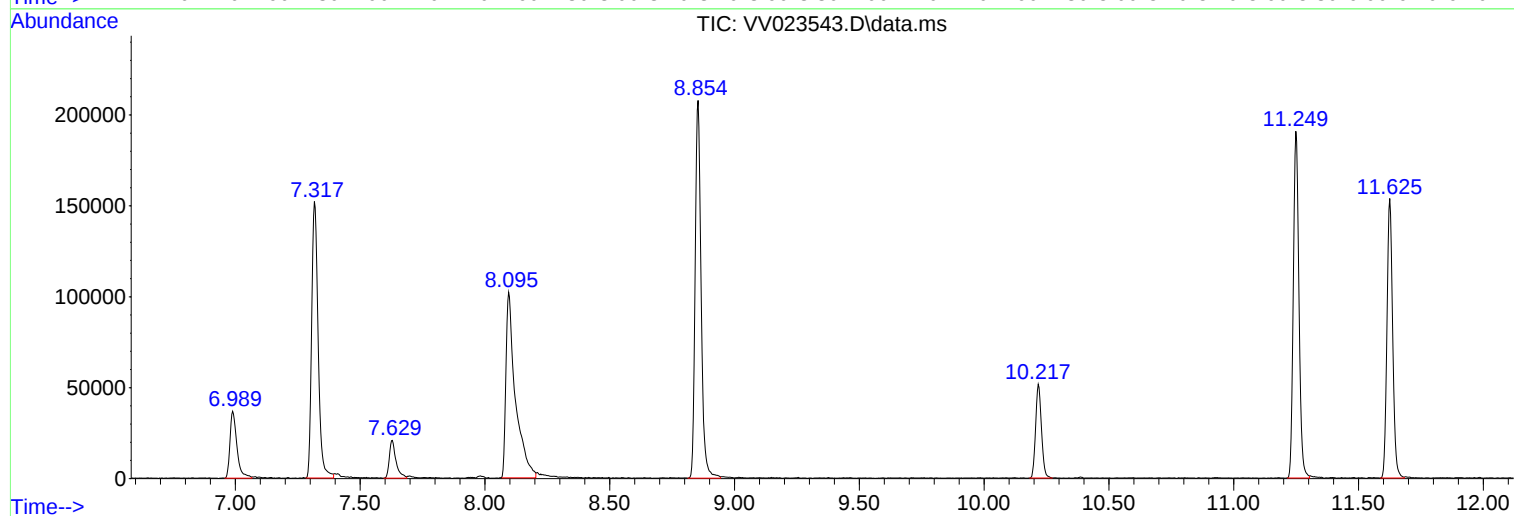
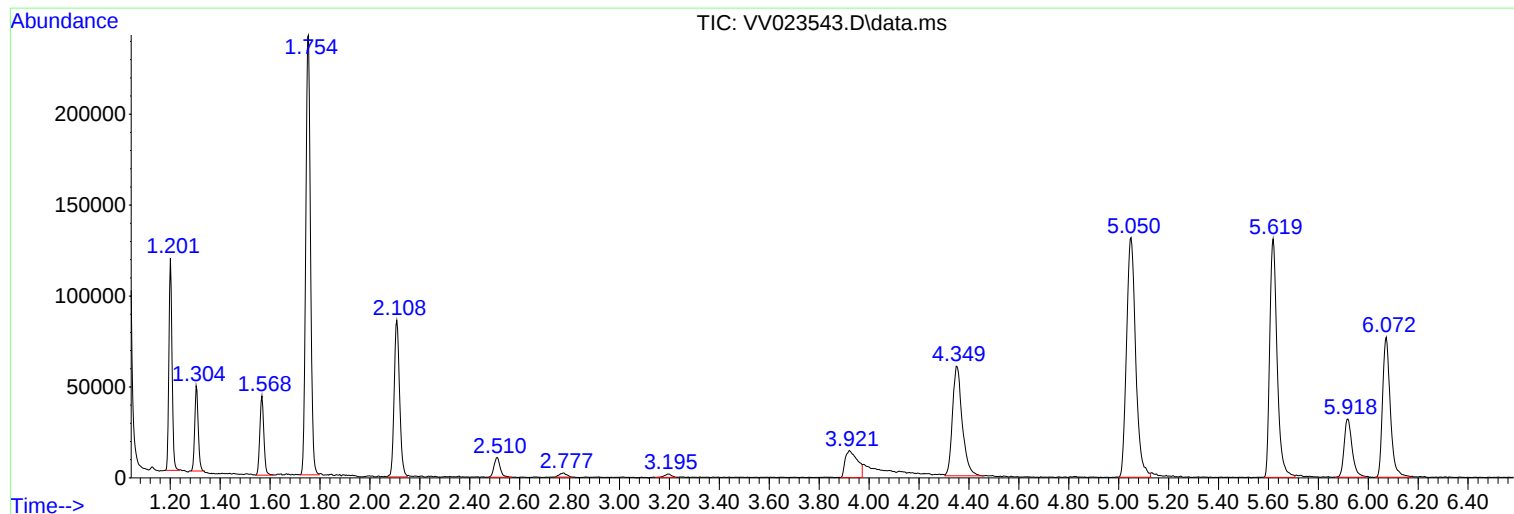
Sum of corrected areas: 3351445

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110421WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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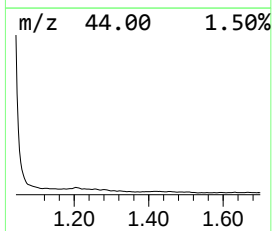
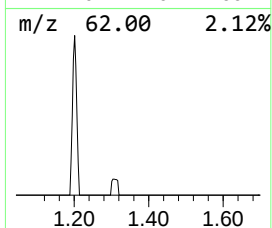
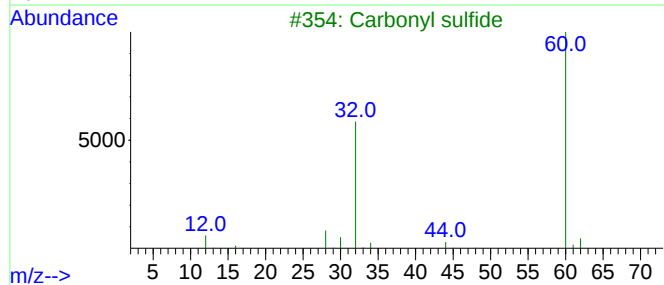
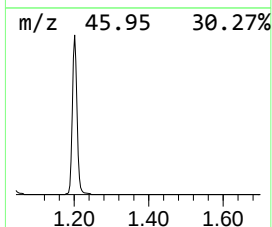
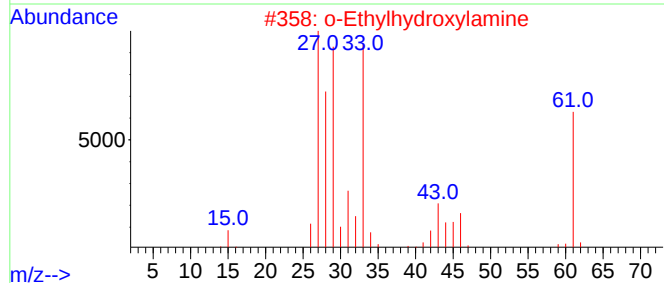
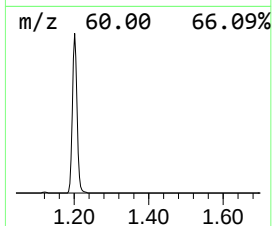
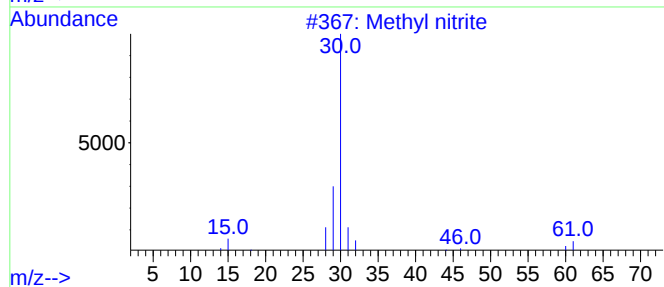
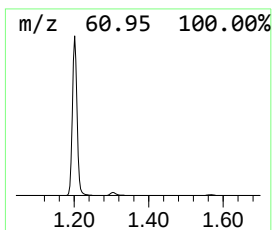
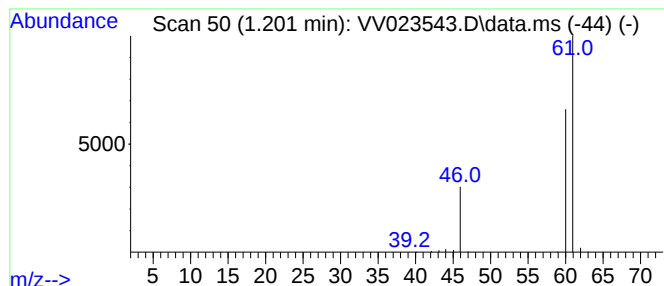
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110421WMA.M  
Quant Title : TRACE VOA SFAM1.0

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 | 1.85 ug/L | 100209 | 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    |    |   | Carbonyl sulfide        | 60 | COS     | 000463-58-1 | 4    |
| 4    |    |   | Methanamine, N-methoxy- | 61 | C2H7NO  | 001117-97-1 | 4    |
| 5    |    |   | Cyanogen chloride       | 61 | CClN    | 000506-77-4 | 4    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| unknown-01       | 1.201 | 1.9     | ug/L  | 100209   | 1                     | 5.619 | 270778 | 5.0  |