

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV111621\  
 Data File : VV023524.D  
 Acq On : 16 Nov 2021 11:14  
 Operator : SY/MD  
 Sample : M4616-05DL 10X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG1X8DL

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: VV023524.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          | 59           | rBV      | 110090         | 96289         | 15.63%          | 2.255%        |
| 2         | 1.307       | 76            | 83          | 95           | rVB      | 59397          | 63642         | 10.33%          | 1.490%        |
| 3         | 1.568       | 156           | 164         | 177          | rBV      | 51391          | 58012         | 9.41%           | 1.359%        |
| 4         | 1.754       | 212           | 222         | 235          | rBV      | 145526         | 191639        | 31.10%          | 4.488%        |
| 5         | 2.108       | 320           | 332         | 344          | rBV      | 108737         | 160705        | 26.08%          | 3.763%        |
| 6         | 2.507       | 448           | 456         | 465          | rBV4     | 5570           | 9347          | 1.52%           | 0.219%        |
| 7         | 2.770       | 526           | 538         | 552          | rBV5     | 3068           | 7117          | 1.15%           | 0.167%        |
| 8         | 3.191       | 655           | 669         | 682          | rBV4     | 4521           | 9116          | 1.48%           | 0.213%        |
| 9         | 3.915       | 877           | 894         | 919          | rBV4     | 32923          | 116449        | 18.90%          | 2.727%        |
| 10        | 4.349       | 1013          | 1029        | 1056         | rVB      | 76514          | 188030        | 30.51%          | 4.403%        |
| 11        | 5.047       | 1230          | 1246        | 1277         | rBV2     | 160185         | 409343        | 66.43%          | 9.586%        |
| 12        | 5.616       | 1410          | 1423        | 1450         | rBV      | 134393         | 278345        | 45.17%          | 6.518%        |
| 13        | 5.912       | 1502          | 1515        | 1552         | rBV      | 311320         | 616247        | 100.00%         | 14.431%       |
| 14        | 6.069       | 1552          | 1564        | 1586         | rBV      | 90542          | 190136        | 30.85%          | 4.453%        |
| 15        | 6.985       | 1837          | 1849        | 1872         | rBV2     | 43965          | 85555         | 13.88%          | 2.004%        |
| 16        | 7.313       | 1934          | 1951        | 1972         | rBV      | 192748         | 343095        | 55.67%          | 8.035%        |
| 17        | 7.625       | 2038          | 2048        | 2067         | rBV2     | 26406          | 49351         | 8.01%           | 1.156%        |
| 18        | 7.976       | 2146          | 2157        | 2171         | rBV2     | 30591          | 52208         | 8.47%           | 1.223%        |
| 19        | 8.091       | 2184          | 2193        | 2245         | rBV2     | 111806         | 310007        | 50.31%          | 7.260%        |
| 20        | 8.850       | 2419          | 2429        | 2450         | rBV      | 209890         | 345048        | 55.99%          | 8.080%        |
| 21        | 10.214      | 2842          | 2853        | 2870         | rBV2     | 57219          | 95508         | 15.50%          | 2.237%        |
| 22        | 11.249      | 3165          | 3175        | 3198         | rBV      | 192583         | 306262        | 49.70%          | 7.172%        |
| 23        | 11.625      | 3280          | 3292        | 3314         | rBV      | 179328         | 288740        | 46.85%          | 6.762%        |

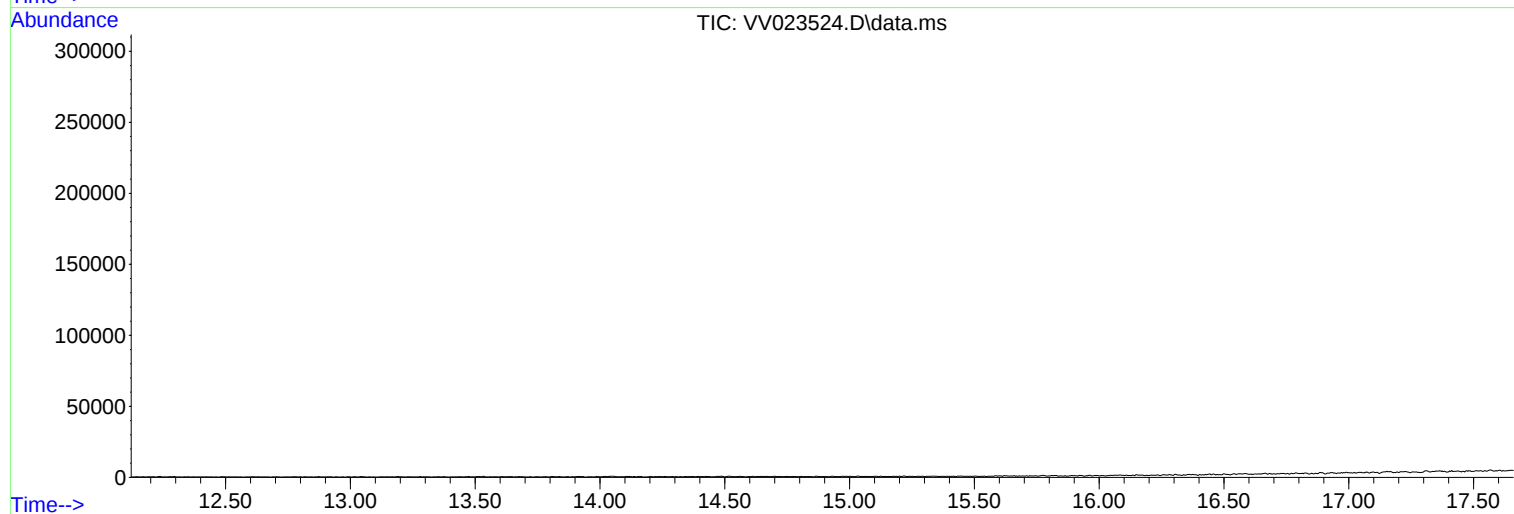
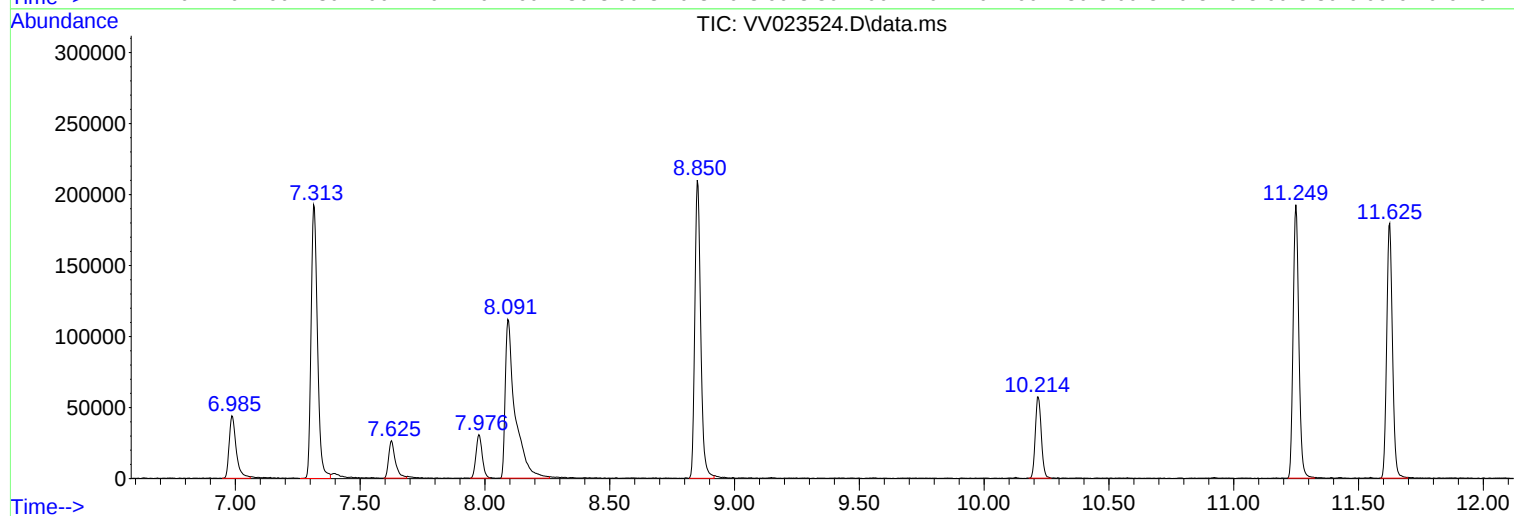
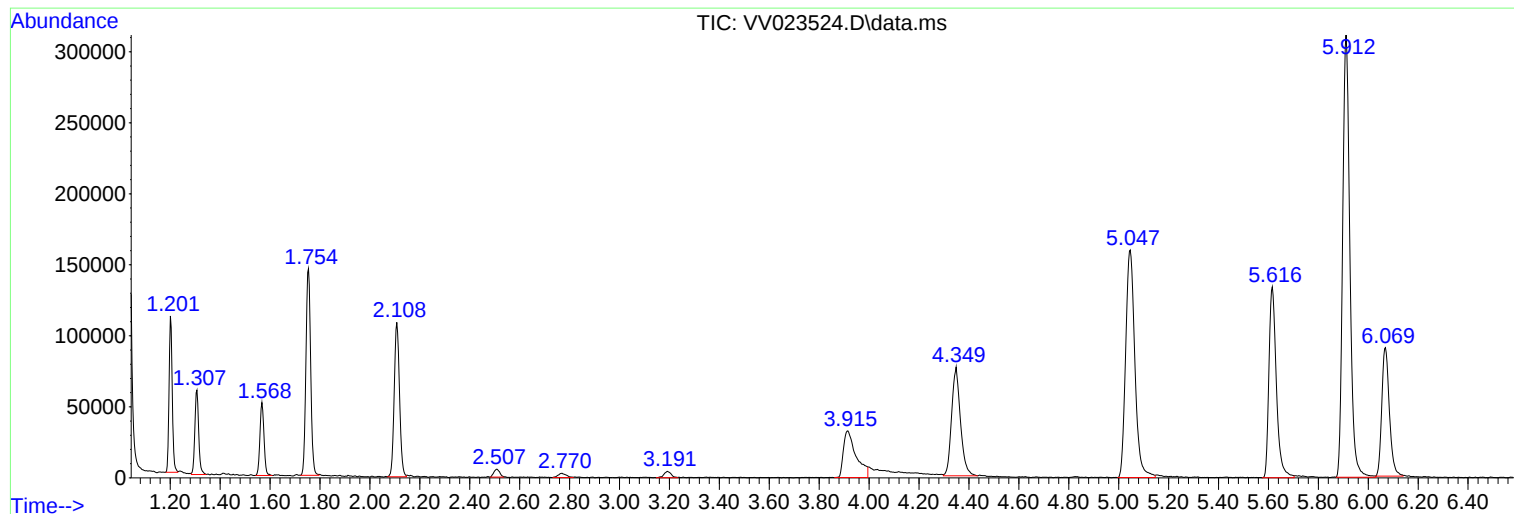
Sum of corrected areas: 4270191

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Instrument :  
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ClientSampleId :  
BG1X8DL

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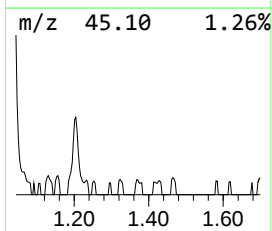
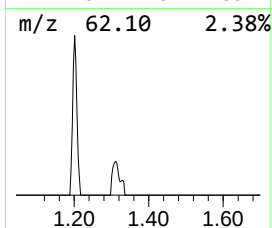
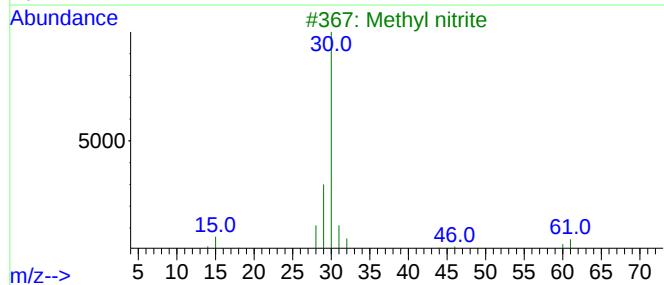
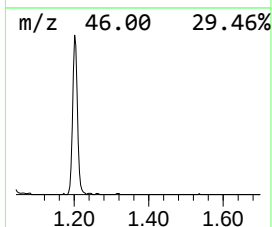
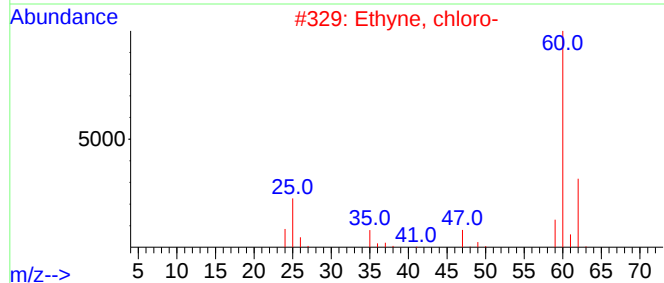
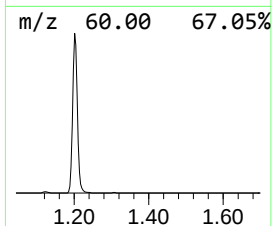
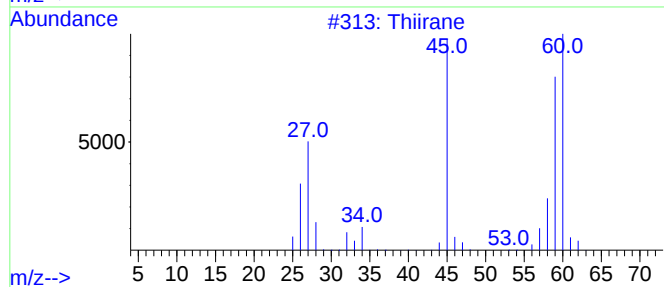
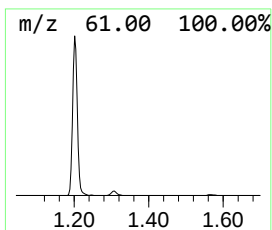
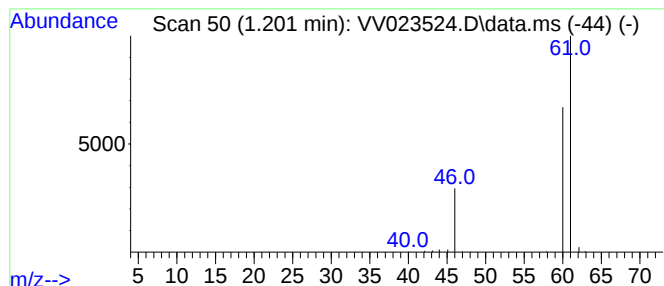
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110421WMA.M  
Quant Title : TRACE VOA SFAM1.0

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 | 1.73 ug/L | 96289 | 1,4-Difluorobenzene | 5.616 |

| Hit# | of | 5 | Tentative ID            | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|----|---------|-------------|------|
| 1    |    |   | Thiirane                | 60 | C2H4S   | 000420-12-2 | 7    |
| 2    |    |   | Ethyne, chloro-         | 60 | C2HCl   | 000593-63-5 | 5    |
| 3    |    |   | Methyl nitrite          | 61 | CH3NO2  | 000624-91-9 | 5    |
| 4    |    |   | o-Ethylhydroxylamine    | 61 | C2H7NO  | 000624-86-2 | 4    |
| 5    |    |   | Methanamine, N-methoxy- | 61 | C2H7NO  | 001117-97-1 | 4    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| unknown-01       | 1.201 | 1.7     | ug/L  | 96289    | 1                     | 5.616 | 278345 | 5.0  |