

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082522\  
 Data File : VV027496.D  
 Acq On : 25 Aug 2022 15:46  
 Operator : SY/MD  
 Sample : N4370-13  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F5F15

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\SFAMVTR081922WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV027496.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         | 1.108       | 18            | 21          | 34           | rVB2     | 11210          | 15713         | 4.02%           | 0.440%        |
| 2         | 1.214       | 49            | 54          | 61           | rBV3     | 7929           | 7167          | 1.83%           | 0.201%        |
| 3         | 1.304       | 75            | 82          | 94           | rBV      | 51987          | 55492         | 14.18%          | 1.553%        |
| 4         | 1.381       | 99            | 106         | 110          | rBV6     | 3177           | 4707          | 1.20%           | 0.132%        |
| 5         | 1.468       | 119           | 133         | 134          | rBV      | 45057          | 79727         | 20.37%          | 2.232%        |
| 6         | 1.564       | 158           | 163         | 178          | rVB      | 59945          | 74525         | 19.04%          | 2.086%        |
| 7         | 2.018       | 298           | 304         | 313          | rVB      | 18145          | 26932         | 6.88%           | 0.754%        |
| 8         | 2.105       | 322           | 331         | 345          | rVB      | 125648         | 187213        | 47.84%          | 5.241%        |
| 9         | 2.285       | 384           | 387         | 399          | rVB3     | 3030           | 4161          | 1.06%           | 0.116%        |
| 10        | 2.761       | 527           | 535         | 547          | rVB9     | 4172           | 8787          | 2.25%           | 0.246%        |
| 11        | 3.899       | 877           | 889         | 919          | rBV4     | 44378          | 154763        | 39.55%          | 4.332%        |
| 12        | 4.339       | 1010          | 1026        | 1044         | rBV      | 67860          | 173015        | 44.21%          | 4.843%        |
| 13        | 5.040       | 1224          | 1244        | 1281         | rBV3     | 140170         | 379329        | 96.93%          | 10.619%       |
| 14        | 5.609       | 1408          | 1421        | 1457         | rBV      | 142521         | 313867        | 80.20%          | 8.786%        |
| 15        | 5.912       | 1503          | 1515        | 1542         | rBV      | 54381          | 121618        | 31.08%          | 3.405%        |
| 16        | 6.063       | 1549          | 1562        | 1591         | rBV2     | 84161          | 188572        | 48.19%          | 5.279%        |
| 17        | 6.985       | 1838          | 1849        | 1872         | rBV      | 34590          | 70842         | 18.10%          | 1.983%        |
| 18        | 7.310       | 1939          | 1950        | 1968         | rBV      | 152444         | 281764        | 72.00%          | 7.888%        |
| 19        | 7.391       | 1970          | 1975        | 1985         | rVB2     | 5162           | 8592          | 2.20%           | 0.241%        |
| 20        | 7.622       | 2035          | 2047        | 2064         | rBV2     | 20323          | 39506         | 10.10%          | 1.106%        |
| 21        | 7.934       | 2135          | 2144        | 2148         | rBV4     | 3545           | 5258          | 1.34%           | 0.147%        |
| 22        | 7.973       | 2148          | 2156        | 2169         | rVB3     | 13908          | 24968         | 6.38%           | 0.699%        |
| 23        | 8.088       | 2180          | 2192        | 2221         | rBV2     | 128232         | 268193        | 68.53%          | 7.508%        |
| 24        | 8.847       | 2418          | 2428        | 2454         | rBV      | 226854         | 391341        | 100.00%         | 10.955%       |
| 25        | 9.143       | 2512          | 2520        | 2531         | rVB4     | 3604           | 5927          | 1.51%           | 0.166%        |
| 26        | 10.214      | 2842          | 2853        | 2870         | rBV      | 58259          | 93679         | 23.94%          | 2.622%        |
| 27        | 10.378      | 2892          | 2904        | 2913         | rBV4     | 5416           | 9395          | 2.40%           | 0.263%        |
| 28        | 11.246      | 3163          | 3174        | 3197         | rBV      | 218189         | 350008        | 89.44%          | 9.798%        |
| 29        | 11.622      | 3279          | 3291        | 3307         | rBV      | 141185         | 227142        | 58.04%          | 6.359%        |

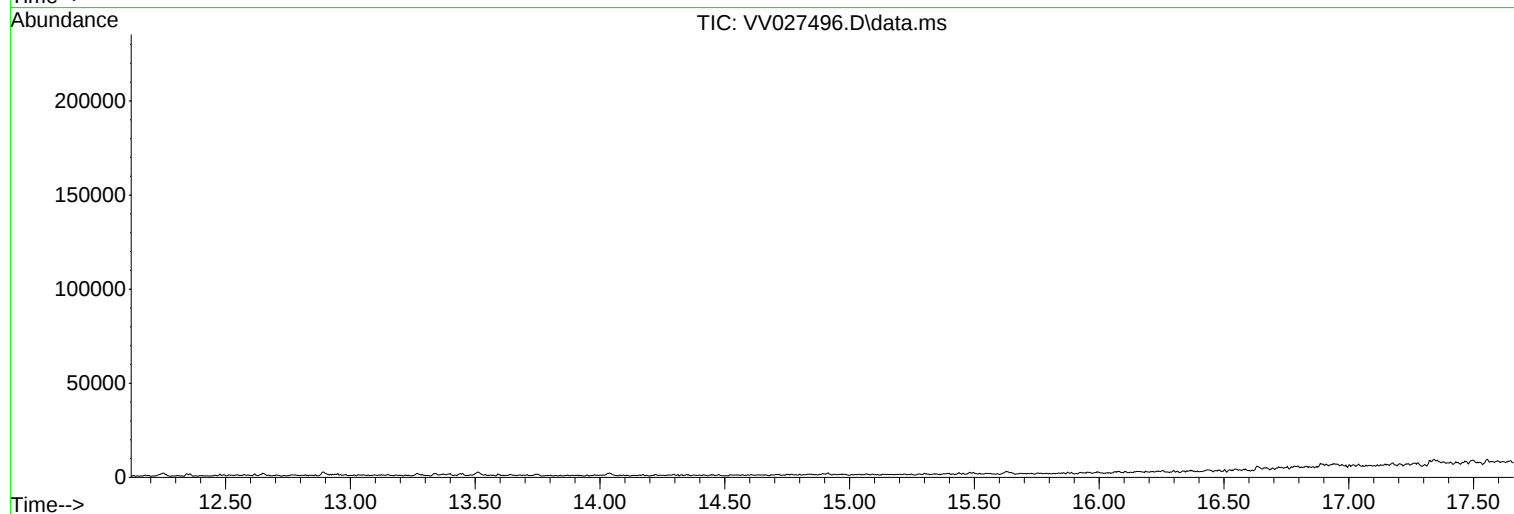
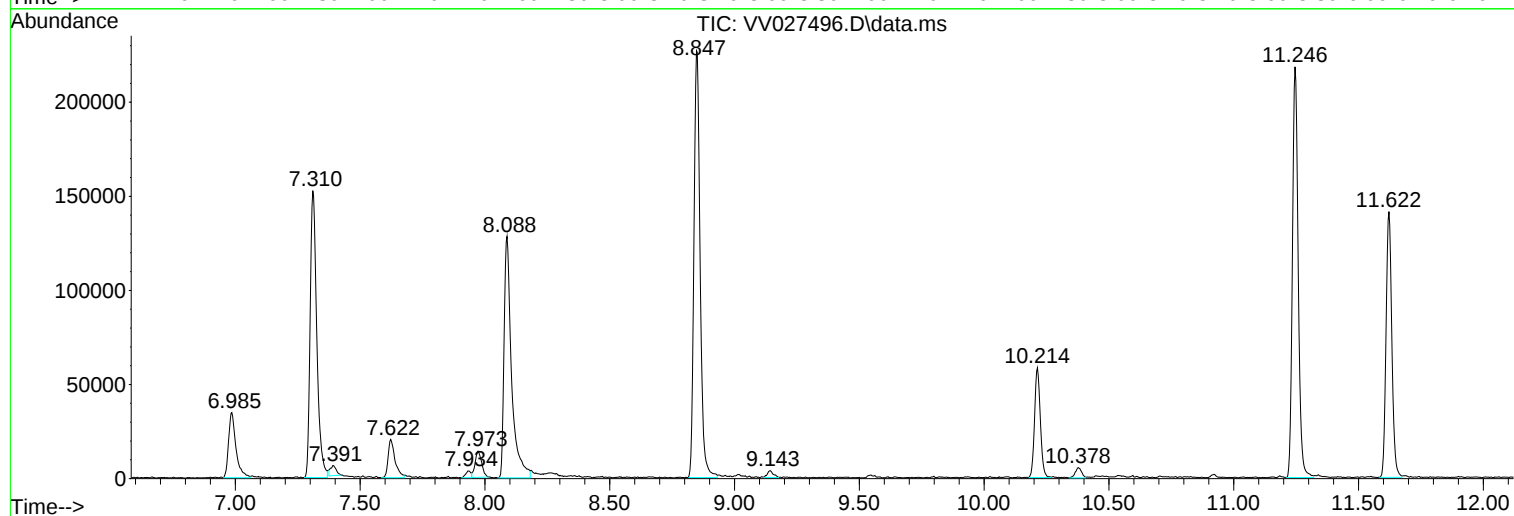
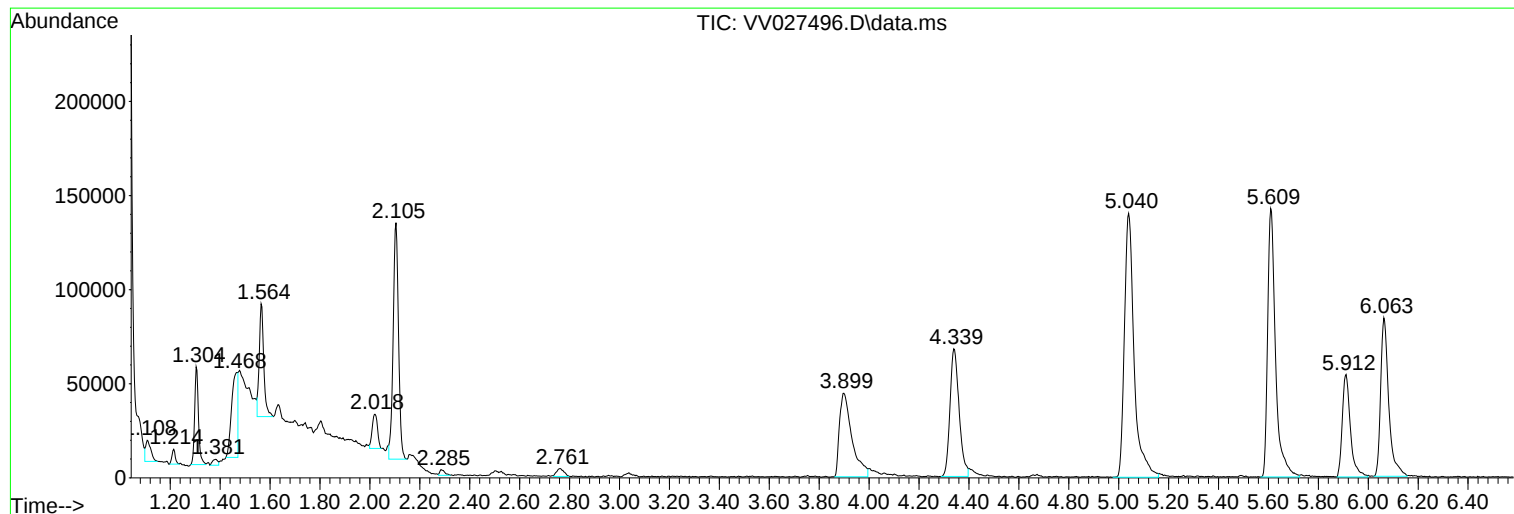
Sum of corrected areas: 3572203

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Instrument :  
MSVOA\_V  
ClientSampleId :  
F5F15

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081922WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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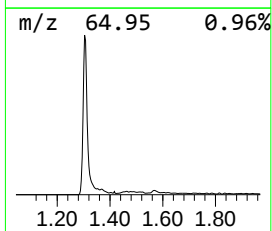
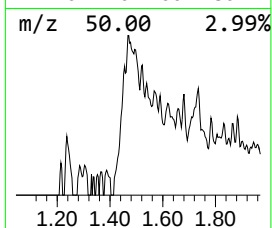
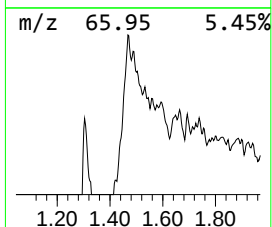
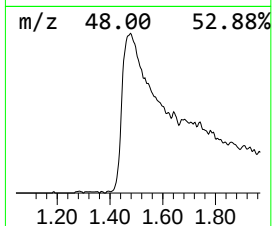
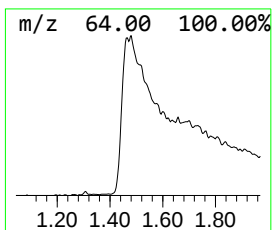
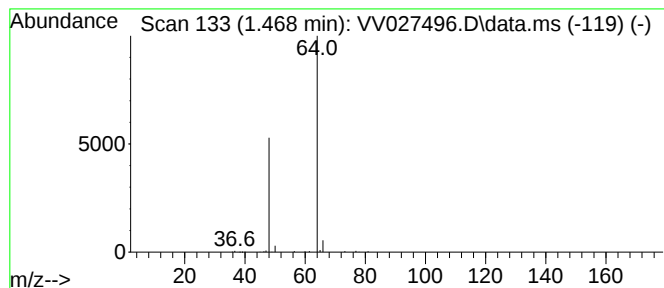
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081922WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.468 | 1.27 ug/L | 79727 | 1,4-Difluorobenzene | 5.609 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 90   |
| 2    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 64   |
| 3    |    |   | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 9    |
| 4    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 9    |
| 5    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 9    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.468 | 1.3     | ug/L  | 79727    | 1                     | 5.609 | 313867 | 5.0  |