

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100422\  
 Data File : VV028330.D  
 Acq On : 04 Oct 2022 15:29  
 Operator : SY/MD  
 Sample : N4866-17DL 5X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EXFR1DL

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\SFAMVTR100322WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV028330.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         | 1.304       | 74            | 82          | 96           | rBV2     | 411601         | 447241        | 56.04%          | 6.585%        |
| 2         | 1.391       | 98            | 109         | 110          | rBV      | 76762          | 108666        | 13.62%          | 1.600%        |
| 3         | 1.561       | 156           | 162         | 179          | rVB      | 110469         | 133818        | 16.77%          | 1.970%        |
| 4         | 2.101       | 320           | 330         | 350          | rVB      | 216699         | 321577        | 40.30%          | 4.735%        |
| 5         | 2.500       | 445           | 454         | 465          | rBV2     | 22005          | 35097         | 4.40%           | 0.517%        |
| 6         | 3.905       | 877           | 891         | 935          | rBV3     | 96688          | 405000        | 50.75%          | 5.963%        |
| 7         | 4.339       | 1009          | 1026        | 1054         | rBV      | 139550         | 351770        | 44.08%          | 5.179%        |
| 8         | 5.040       | 1229          | 1244        | 1274         | rBV2     | 322404         | 798026        | 100.00%         | 11.749%       |
| 9         | 5.612       | 1406          | 1422        | 1453         | rBV      | 210993         | 437638        | 54.84%          | 6.443%        |
| 10        | 6.063       | 1548          | 1562        | 1593         | rBV2     | 179812         | 382906        | 47.98%          | 5.637%        |
| 11        | 6.982       | 1835          | 1848        | 1869         | rBV      | 79306          | 148783        | 18.64%          | 2.191%        |
| 12        | 7.310       | 1939          | 1950        | 1973         | rBV      | 359188         | 637170        | 79.84%          | 9.381%        |
| 13        | 7.622       | 2034          | 2047        | 2072         | rBV2     | 46229          | 86382         | 10.82%          | 1.272%        |
| 14        | 8.088       | 2181          | 2192        | 2219         | rBV      | 359584         | 698307        | 87.50%          | 10.281%       |
| 15        | 8.847       | 2417          | 2428        | 2446         | rBV      | 327061         | 545483        | 68.35%          | 8.031%        |
| 16        | 10.214      | 2841          | 2853        | 2870         | rBV      | 136401         | 216803        | 27.17%          | 3.192%        |
| 17        | 11.246      | 3162          | 3174        | 3201         | rBV      | 313458         | 499505        | 62.59%          | 7.354%        |
| 18        | 11.622      | 3279          | 3291        | 3315         | rBV      | 336055         | 537975        | 67.41%          | 7.921%        |

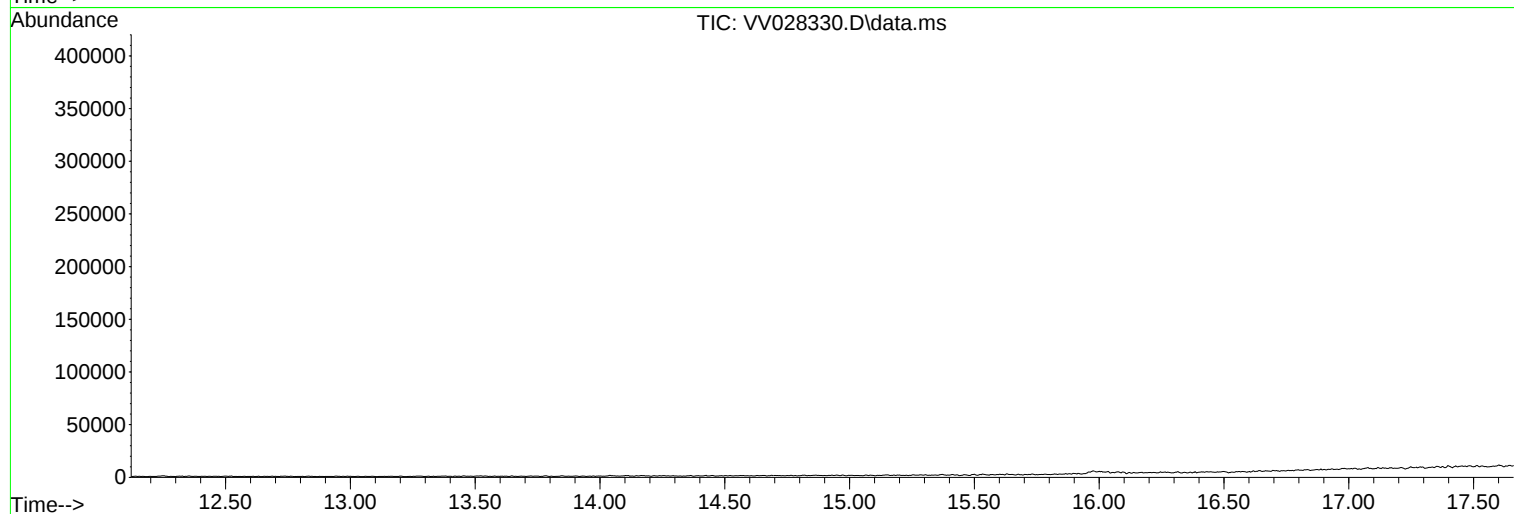
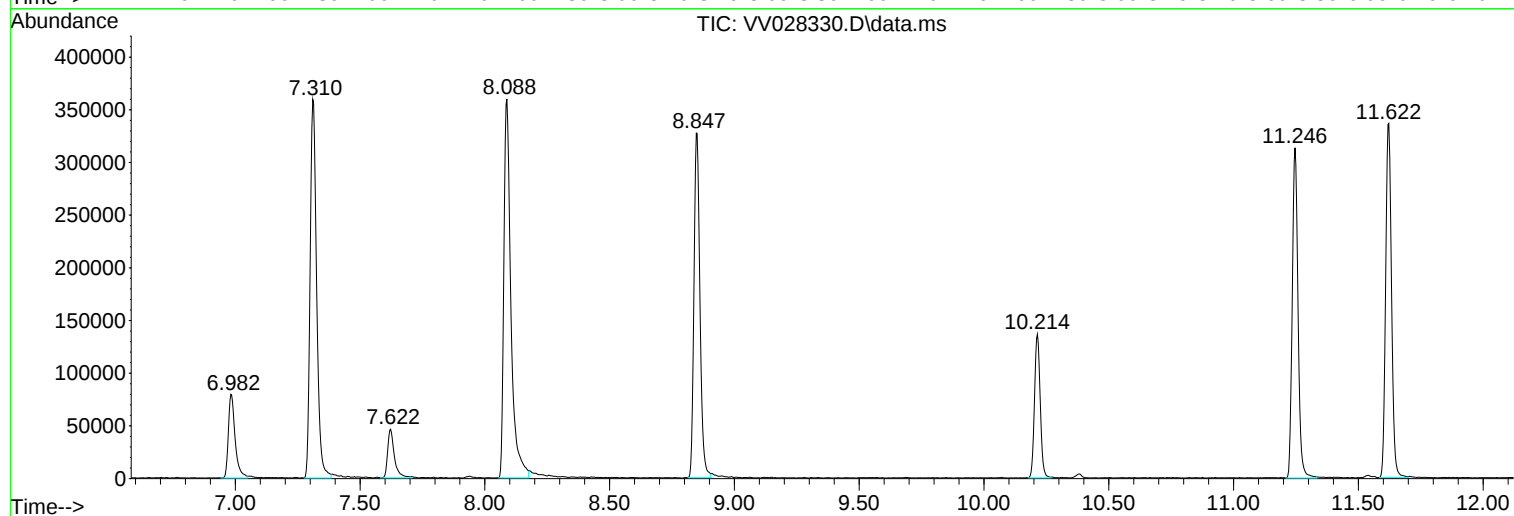
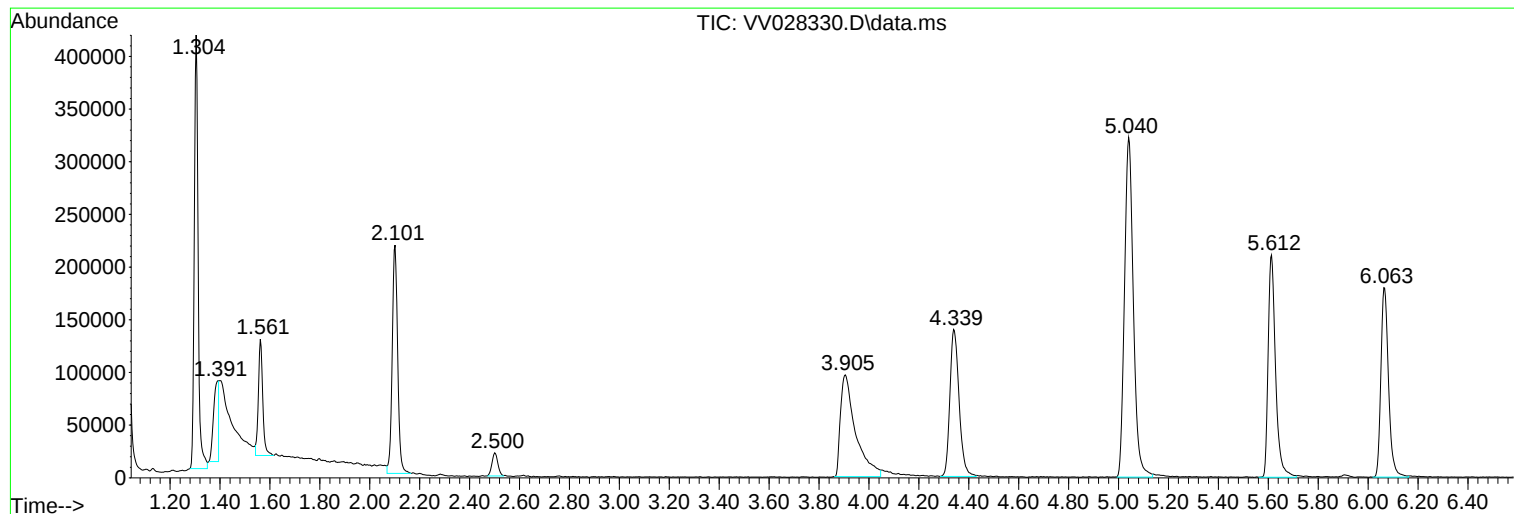
Sum of corrected areas: 6792147

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ClientSampleId :  
EXFR1DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100322WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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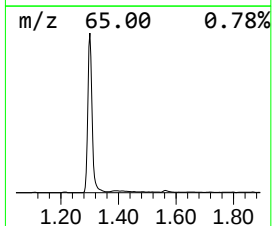
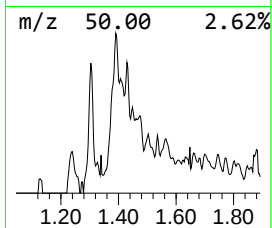
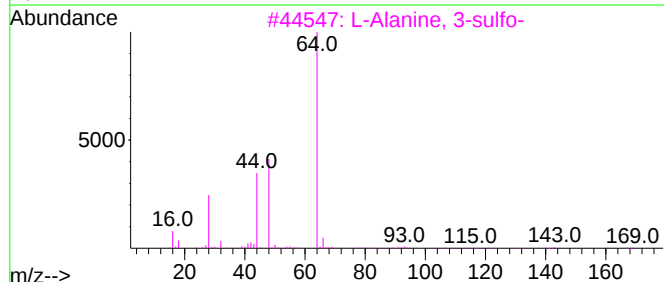
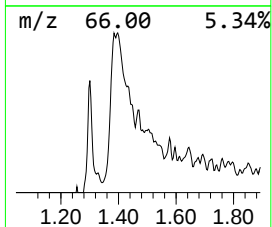
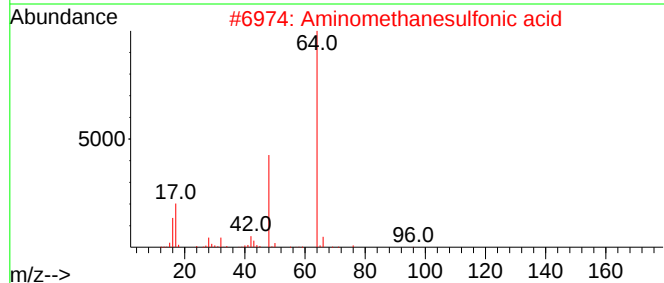
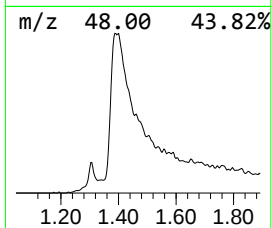
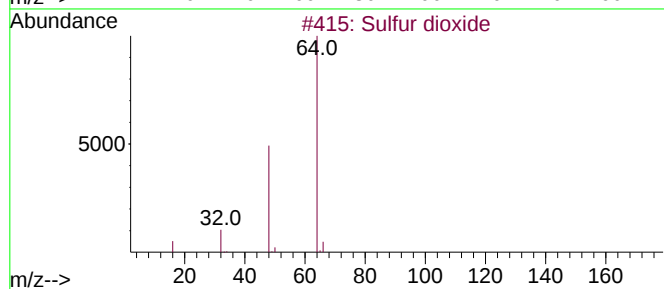
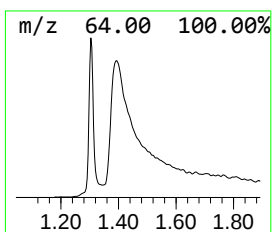
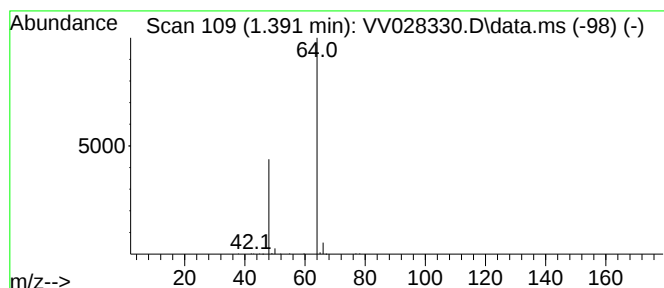
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 2

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 1.391 | 1.24 ug/L | 108666 | 1,4-Difluorobenzene | 5.612 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 83   |
| 2    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 74   |
| 3    |    |   | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 9    |
| 4    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 9    |
| 5    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 4    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.391 | 1.2     | ug/L  | 108666   | 1                     | 5.612 | 437638 | 5.0  |