

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV093022\  
 Data File : VV028265.D  
 Acq On : 01 Oct 2022 07:38  
 Operator : SY/MD  
 Sample : N4730-11DL 100X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EXFS4DL

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\SFAMVTR092222WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV028265.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       | 73            | 82          | 100          | rVB2     | 278878         | 306053        | 41.41%          | 4.837%        |
| 2         | 1.426       | 101           | 120         | 127          | rBV2     | 38778          | 138473        | 18.74%          | 2.188%        |
| 3         | 1.561       | 156           | 162         | 173          | rVB      | 90871          | 104763        | 14.18%          | 1.656%        |
| 4         | 2.098       | 320           | 329         | 350          | rVB      | 198769         | 302899        | 40.98%          | 4.787%        |
| 5         | 2.500       | 442           | 454         | 469          | rVB2     | 8971           | 16506         | 2.23%           | 0.261%        |
| 6         | 3.902       | 877           | 890         | 937          | rBV4     | 125229         | 485845        | 65.74%          | 7.678%        |
| 7         | 4.339       | 1010          | 1026        | 1055         | rBV2     | 128521         | 322521        | 43.64%          | 5.097%        |
| 8         | 5.040       | 1228          | 1244        | 1274         | rBV2     | 295355         | 739050        | 100.00%         | 11.680%       |
| 9         | 5.612       | 1408          | 1422        | 1454         | rBV      | 207864         | 435682        | 58.95%          | 6.885%        |
| 10        | 6.063       | 1549          | 1562        | 1591         | rBV      | 167195         | 352726        | 47.73%          | 5.574%        |
| 11        | 6.985       | 1837          | 1849        | 1873         | rBV      | 66669          | 128460        | 17.38%          | 2.030%        |
| 12        | 7.310       | 1939          | 1950        | 1974         | rBV      | 316980         | 575364        | 77.85%          | 9.093%        |
| 13        | 7.619       | 2038          | 2046        | 2072         | rBV2     | 36112          | 73038         | 9.88%           | 1.154%        |
| 14        | 7.937       | 2134          | 2145        | 2155         | rBV2     | 6131           | 10560         | 1.43%           | 0.167%        |
| 15        | 8.088       | 2181          | 2192        | 2221         | rBV      | 322394         | 648367        | 87.73%          | 10.247%       |
| 16        | 8.850       | 2415          | 2429        | 2455         | rBV      | 314985         | 529855        | 71.69%          | 8.374%        |
| 17        | 10.214      | 2838          | 2853        | 2870         | rBV      | 132612         | 208447        | 28.20%          | 3.294%        |
| 18        | 10.381      | 2894          | 2905        | 2915         | rBV2     | 8055           | 13485         | 1.82%           | 0.213%        |
| 19        | 11.246      | 3163          | 3174        | 3194         | rBV      | 298606         | 464586        | 62.86%          | 7.342%        |
| 20        | 11.622      | 3278          | 3291        | 3317         | rBV      | 291948         | 470921        | 63.72%          | 7.442%        |

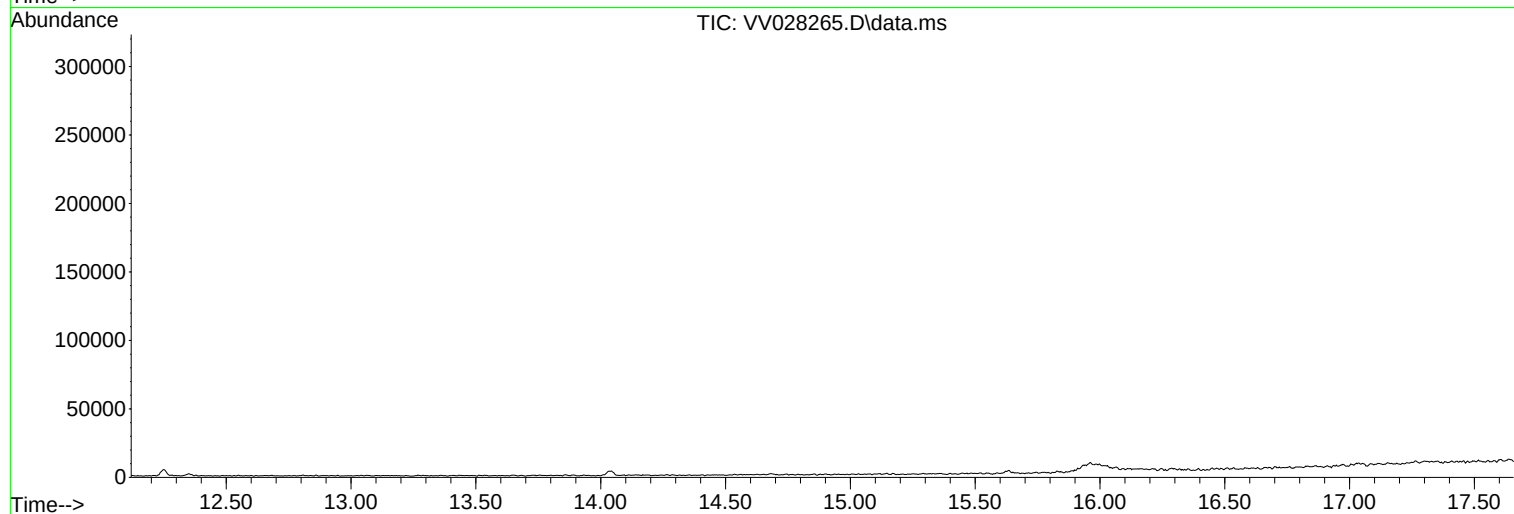
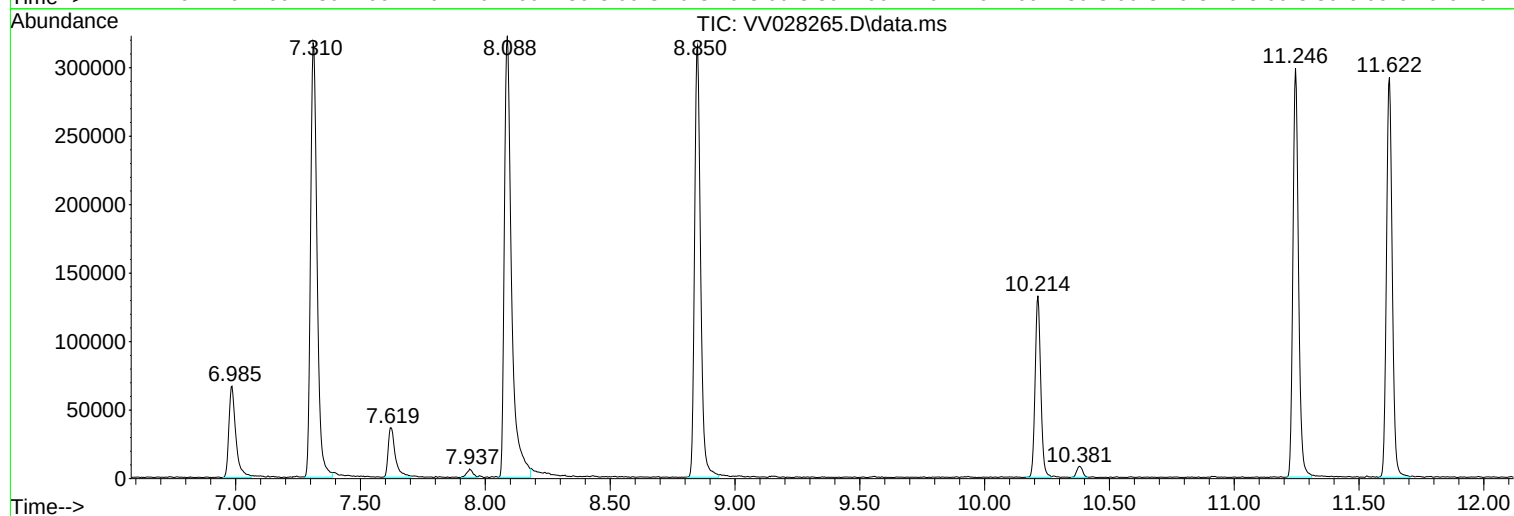
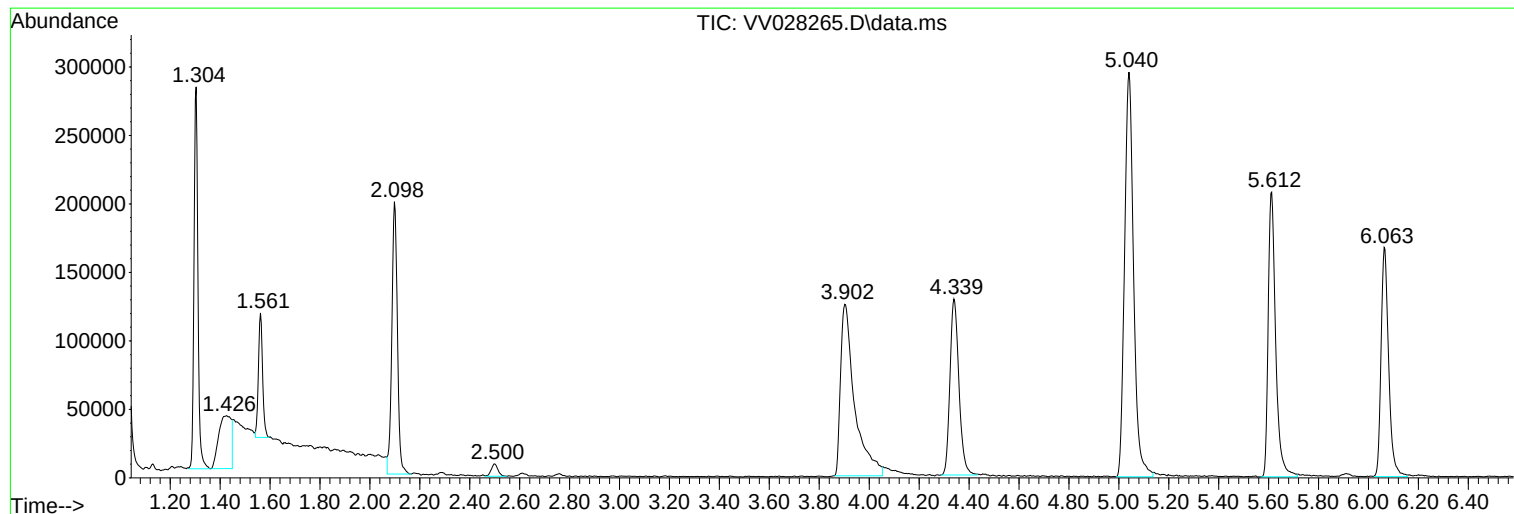
Sum of corrected areas: 6327601

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Instrument :  
MSVOA\_V  
ClientSampleId :  
EXFS4DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092222WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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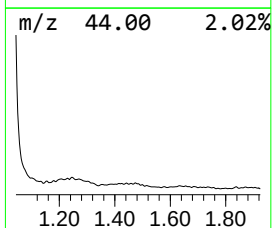
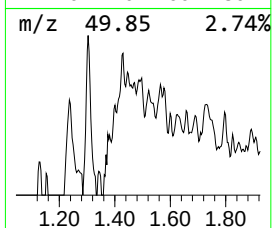
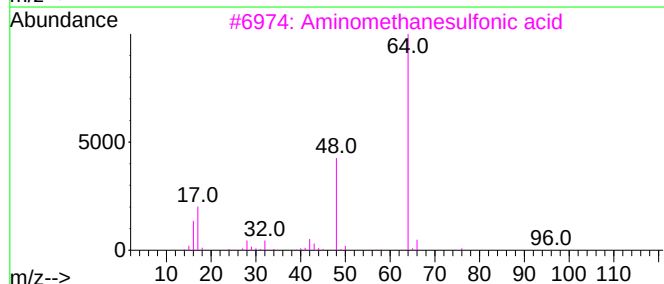
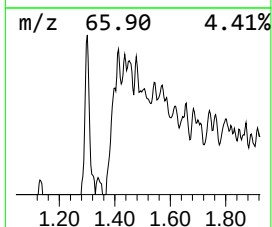
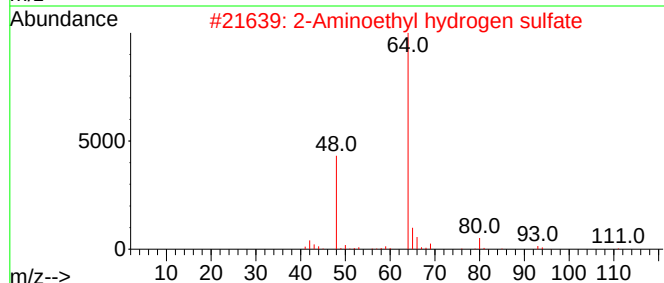
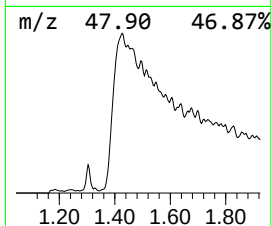
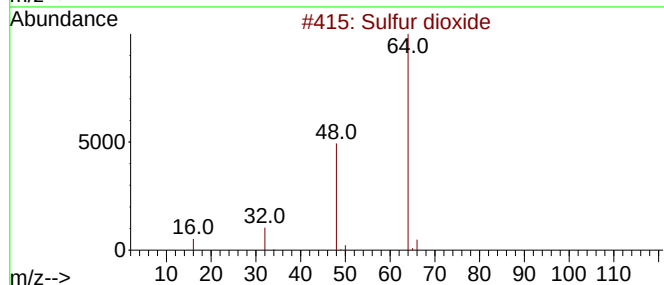
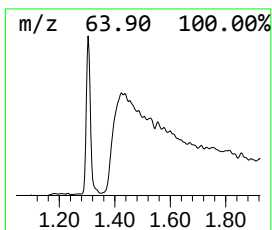
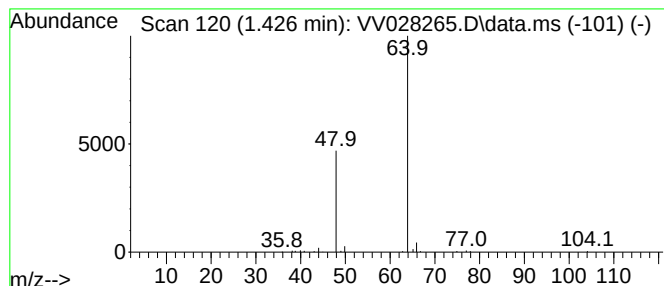
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092222WMA.M  
Quant Title : TRACE VOA SFAM1.0

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.  |
|-------|-----------|--------|---------------------|-------|
| 1.426 | 1.59 ug/L | 138473 | 1,4-Difluorobenzene | 5.612 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Sulfur dioxide                      | 64  | O2S        | 007446-09-5 | 83   |
| 2    |    |   | 2-Aminoethyl hydrogen sulfate       | 141 | C2H7NO4S   | 000926-39-6 | 83   |
| 3    |    |   | Aminomethanesulfonic acid           | 111 | CH5NO3S    | 013881-91-9 | 74   |
| 4    |    |   | (N-(-2-Acetamido))-2-aminoethane... | 182 | C4H10N2O4S | 007365-82-4 | 9    |
| 5    |    |   | L-Alanine, 3-sulfo-                 | 169 | C3H7NO5S   | 000498-40-8 | 9    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.426 | 1.6     | ug/L  | 138473   | 1                     | 5.612 | 435682 | 5.0  |