

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV032322\  
 Data File : VV025135.D  
 Acq On : 23 Mar 2022 16:20  
 Operator : SY/MD  
 Sample : N2083-02  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW5Z3

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\SFAMVTR031522WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV025135.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         | 1.134       | 23            | 29          | 31           | rBV      | 6326           | 7809          | 1.69%           | 0.190%        |
| 2         | 1.311       | 77            | 84          | 96           | rVB2     | 76198          | 81059         | 17.55%          | 1.973%        |
| 3         | 1.475       | 116           | 135         | 158          | rBV2     | 78047          | 461836        | 100.00%         | 11.244%       |
| 4         | 1.571       | 159           | 165         | 176          | rVB      | 61570          | 88502         | 19.16%          | 2.155%        |
| 5         | 2.111       | 325           | 333         | 348          | rVB2     | 121684         | 188187        | 40.75%          | 4.582%        |
| 6         | 3.195       | 662           | 670         | 689          | rVB4     | 3668           | 9670          | 2.09%           | 0.235%        |
| 7         | 3.899       | 876           | 889         | 929          | rBV2     | 42323          | 151529        | 32.81%          | 3.689%        |
| 8         | 4.352       | 1014          | 1030        | 1052         | rBV      | 77785          | 191795        | 41.53%          | 4.669%        |
| 9         | 5.050       | 1232          | 1247        | 1287         | rBV2     | 174658         | 435727        | 94.35%          | 10.608%       |
| 10        | 5.619       | 1412          | 1424        | 1448         | rBV      | 141046         | 283592        | 61.41%          | 6.904%        |
| 11        | 6.069       | 1551          | 1564        | 1585         | rBV      | 99285          | 202633        | 43.88%          | 4.933%        |
| 12        | 6.989       | 1837          | 1850        | 1878         | rBV      | 39573          | 74475         | 16.13%          | 1.813%        |
| 13        | 7.317       | 1934          | 1952        | 1971         | rBV      | 206537         | 361429        | 78.26%          | 8.799%        |
| 14        | 7.397       | 1974          | 1977        | 1996         | rVB3     | 3812           | 6960          | 1.51%           | 0.169%        |
| 15        | 7.625       | 2038          | 2048        | 2070         | rBV2     | 21320          | 39908         | 8.64%           | 0.972%        |
| 16        | 7.941       | 2134          | 2146        | 2160         | rVB3     | 6057           | 10718         | 2.32%           | 0.261%        |
| 17        | 8.088       | 2182          | 2192        | 2236         | rBV      | 183442         | 359589        | 77.86%          | 8.755%        |
| 18        | 8.850       | 2419          | 2429        | 2455         | rBV      | 210390         | 345878        | 74.89%          | 8.421%        |
| 19        | 9.146       | 2511          | 2521        | 2537         | rBV2     | 2523           | 4659          | 1.01%           | 0.113%        |
| 20        | 10.217      | 2842          | 2854        | 2875         | rVB      | 70147          | 111027        | 24.04%          | 2.703%        |
| 21        | 10.381      | 2894          | 2905        | 2916         | rVB2     | 11879          | 18743         | 4.06%           | 0.456%        |
| 22        | 11.246      | 3164          | 3174        | 3197         | rBV      | 209044         | 325915        | 70.57%          | 7.935%        |
| 23        | 11.622      | 3279          | 3291        | 3311         | rBV      | 196611         | 305290        | 66.10%          | 7.433%        |
| 24        | 12.249      | 3475          | 3486        | 3498         | rVB      | 5834           | 8150          | 1.76%           | 0.198%        |
| 25        | 12.345      | 3510          | 3516        | 3524         | rVB5     | 3481           | 4840          | 1.05%           | 0.118%        |
| 26        | 14.040      | 4030          | 4043        | 4054         | rBV2     | 8016           | 13177         | 2.85%           | 0.321%        |
| 27        | 16.307      | 4741          | 4748        | 4756         | rVB2     | 11081          | 14377         | 3.11%           | 0.350%        |

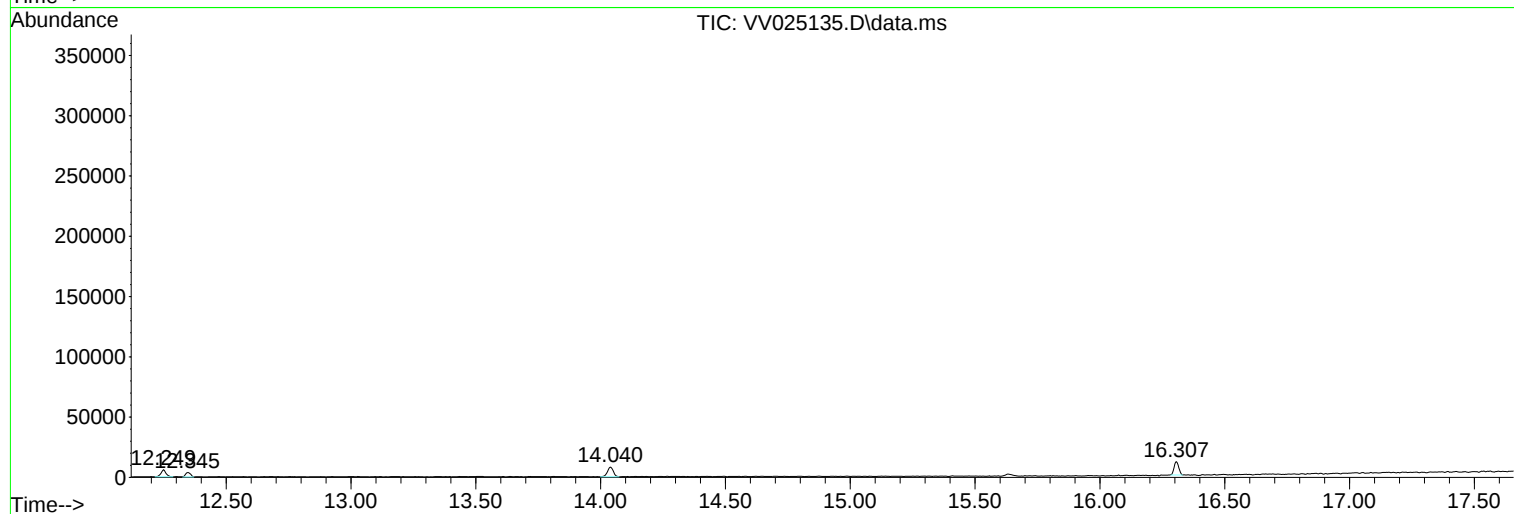
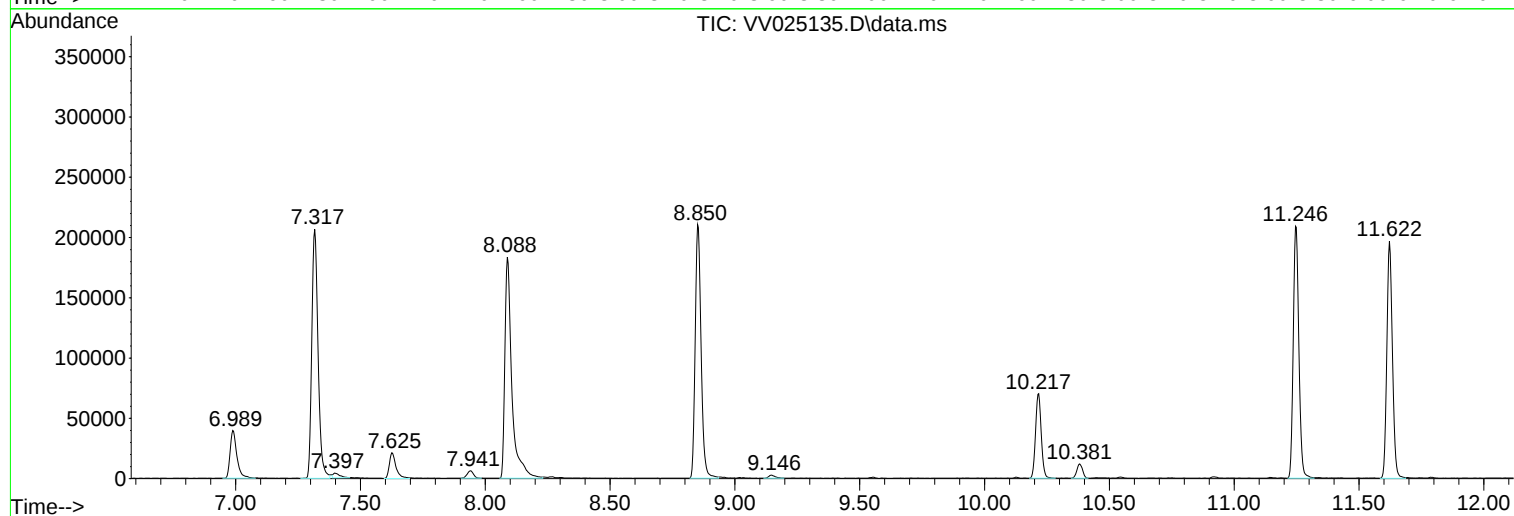
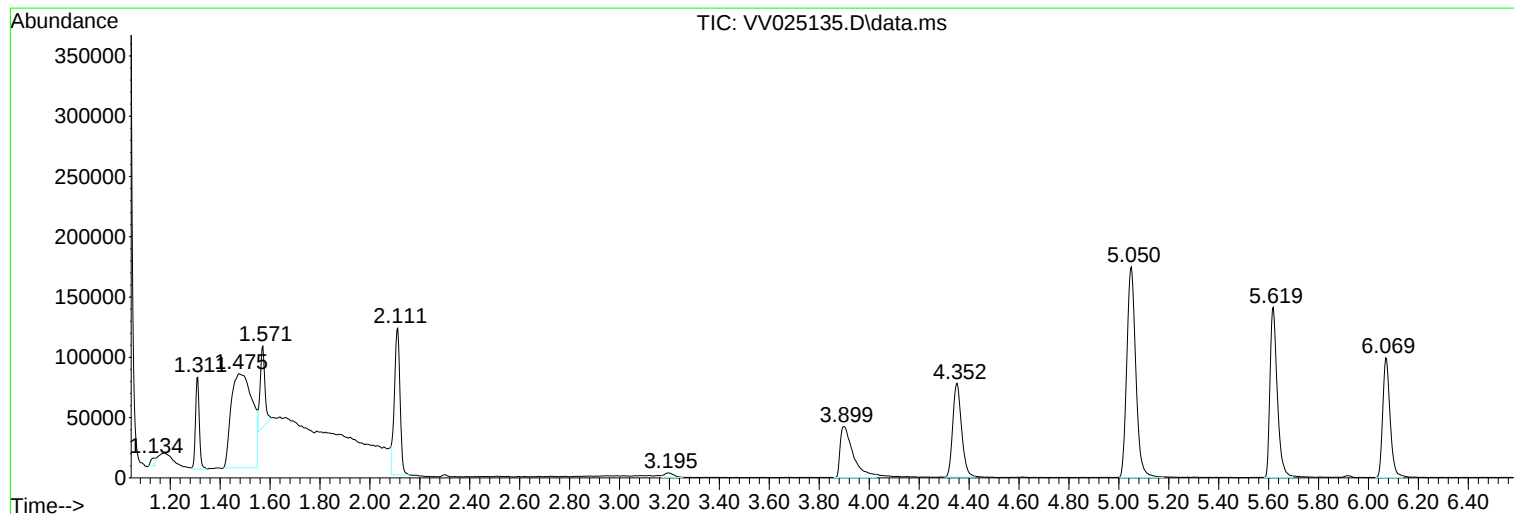
Sum of corrected areas: 4107474

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV032322\  
Data File : VV025135.D  
Acq On : 23 Mar 2022 16:20  
Operator : SY/MD  
Sample : N2083-02  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EW5Z3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR031522WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV032322\  
Data File : VV025135.D  
Acq On : 23 Mar 2022 16:20  
Operator : SY/MD  
Sample : N2083-02  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EW5Z3

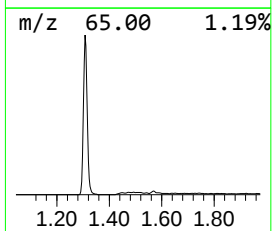
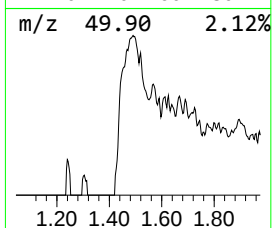
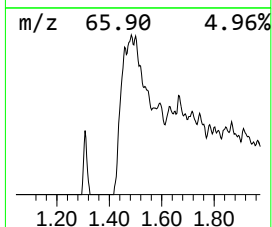
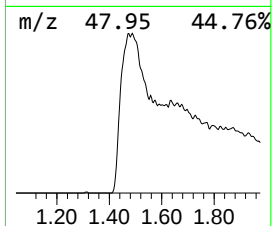
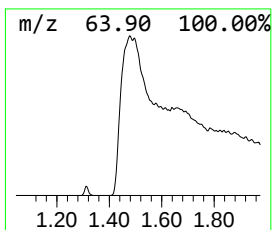
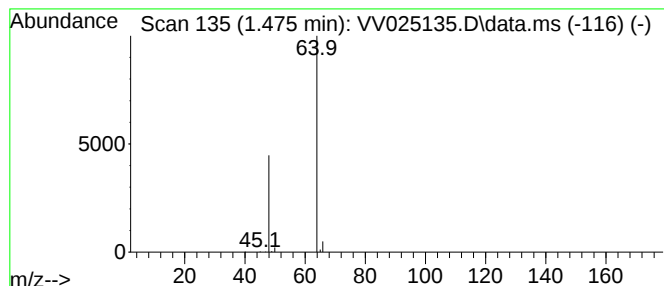
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR031522WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

\*\*\*\*\*  
Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 1.475 | 8.14 ug/L | 461836 | 1,4-Difluorobenzene | 5.619 |

| 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    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 5    |
| 5    |    |   | Ethyl Chloride            | 64  | C2H5Cl   | 000075-00-3 | 3    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV032322\  
Data File : VV025135.D  
Acq On : 23 Mar 2022 16:20  
Operator : SY/MD  
Sample : N2083-02  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EW5Z3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR031522WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.475 | 8.1     | ug/L  | 461836   | 1                     | 5.619 | 283592 | 5.0  |