

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV123021\  
 Data File : VV024237.D  
 Acq On : 30 Dec 2021 12:22  
 Operator : SY/MD  
 Sample : M5193-09DL 20X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0J13DL

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\SFAMVTR122721WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV024237.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         | 1.105       | 14            | 20          | 30           | rBV2     | 19339          | 33875         | 2.90%           | 0.689%        |
| 2         | 1.307       | 76            | 83          | 88           | rBV      | 67676          | 65465         | 5.60%           | 1.332%        |
| 3         | 1.417       | 88            | 117         | 157          | rVV2     | 150370         | 1170016       | 100.00%         | 23.810%       |
| 4         | 1.568       | 159           | 164         | 177          | rVB      | 52938          | 73813         | 6.31%           | 1.502%        |
| 5         | 2.108       | 324           | 332         | 349          | rVB2     | 124946         | 193947        | 16.58%          | 3.947%        |
| 6         | 2.298       | 382           | 391         | 401          | rBV      | 12537          | 19690         | 1.68%           | 0.401%        |
| 7         | 2.764       | 525           | 536         | 551          | rBV      | 26049          | 45000         | 3.85%           | 0.916%        |
| 8         | 3.908       | 876           | 892         | 923          | rBV3     | 190955         | 520529        | 44.49%          | 10.593%       |
| 9         | 4.349       | 1014          | 1029        | 1053         | rBV2     | 70984          | 182950        | 15.64%          | 3.723%        |
| 10        | 5.047       | 1231          | 1246        | 1271         | rBV2     | 154823         | 386610        | 33.04%          | 7.867%        |
| 11        | 5.619       | 1411          | 1424        | 1442         | rBV      | 104349         | 212603        | 18.17%          | 4.326%        |
| 12        | 5.915       | 1505          | 1516        | 1539         | rBV      | 54112          | 107745        | 9.21%           | 2.193%        |
| 13        | 6.069       | 1552          | 1564        | 1588         | rBV      | 87124          | 175444        | 15.00%          | 3.570%        |
| 14        | 6.985       | 1837          | 1849        | 1869         | rBV      | 42593          | 81169         | 6.94%           | 1.652%        |
| 15        | 7.317       | 1939          | 1952        | 1971         | rBV      | 190550         | 333345        | 28.49%          | 6.784%        |
| 16        | 7.625       | 2039          | 2048        | 2064         | rBV      | 26190          | 43404         | 3.71%           | 0.883%        |
| 17        | 8.088       | 2182          | 2192        | 2223         | rBV      | 163448         | 303294        | 25.92%          | 6.172%        |
| 18        | 8.854       | 2419          | 2430        | 2447         | rBV      | 168973         | 278499        | 23.80%          | 5.667%        |
| 19        | 10.217      | 2839          | 2854        | 2866         | rBV      | 66070          | 102432        | 8.75%           | 2.084%        |
| 20        | 11.249      | 3165          | 3175        | 3192         | rBV      | 187066         | 284247        | 24.29%          | 5.784%        |
| 21        | 11.625      | 3274          | 3292        | 3310         | rBV      | 190570         | 299974        | 25.64%          | 6.104%        |

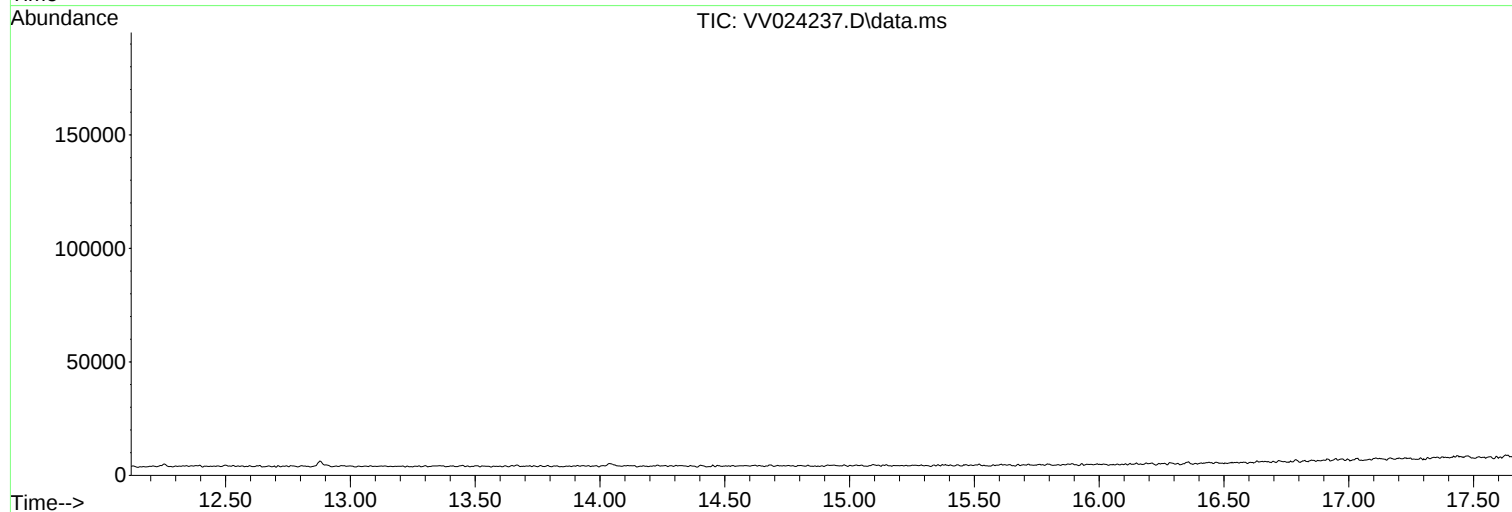
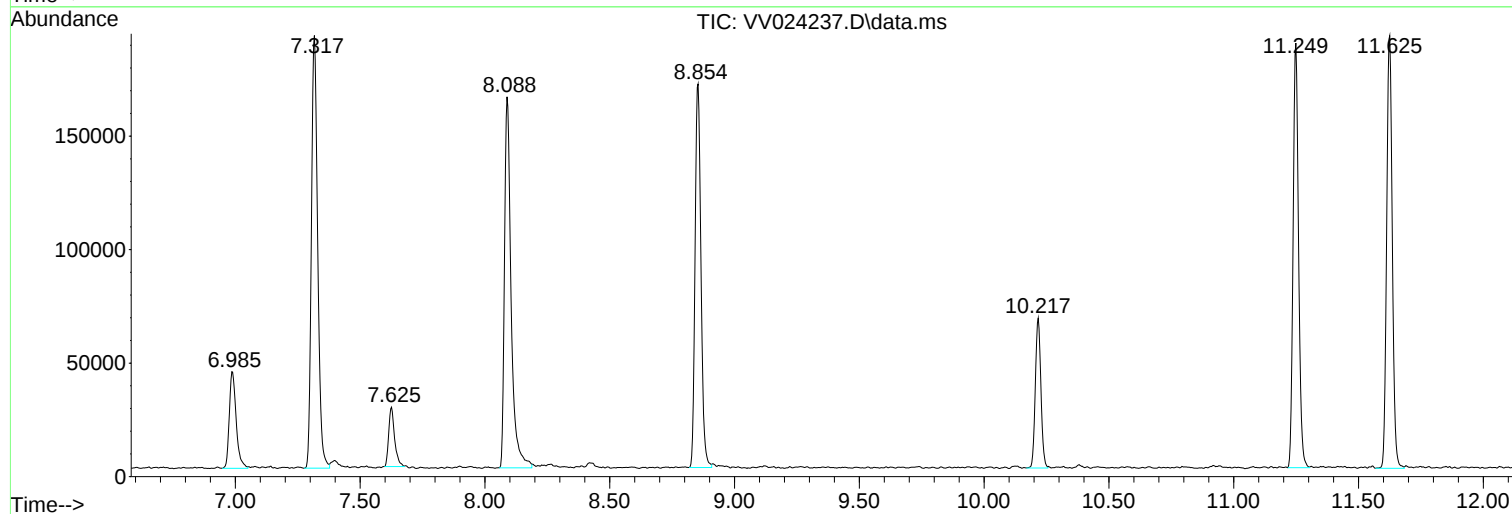
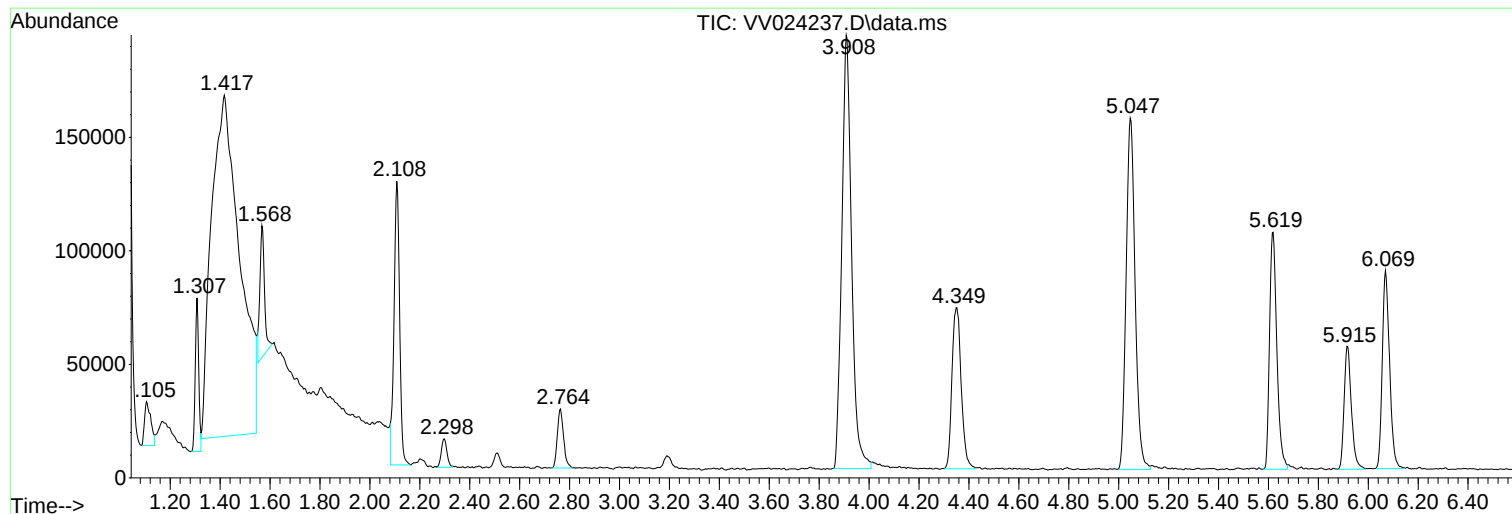
Sum of corrected areas: 4914051

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV123021\  
Data File : VV024237.D  
Acq On : 30 Dec 2021 12:22  
Operator : SY/MD  
Sample : M5193-09DL 20X  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0J13DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR122721WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV123021\  
Data File : VV024237.D  
Acq On : 30 Dec 2021 12:22  
Operator : SY/MD  
Sample : M5193-09DL 20X  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0J13DL

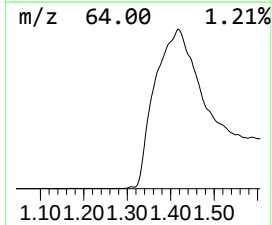
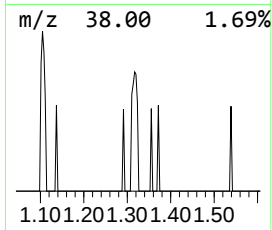
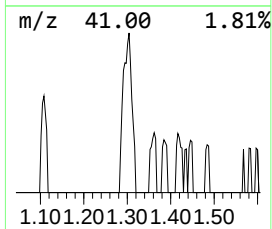
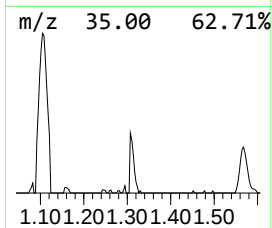
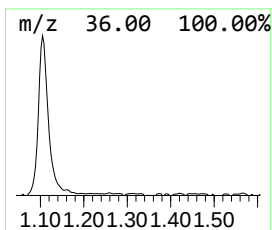
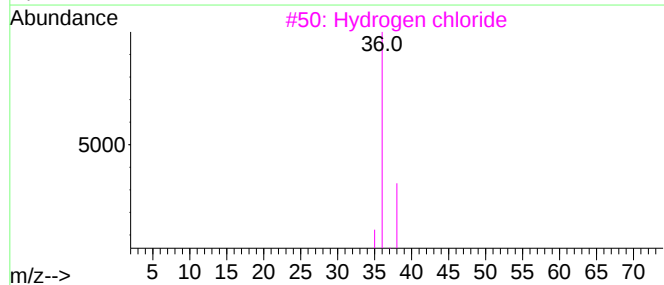
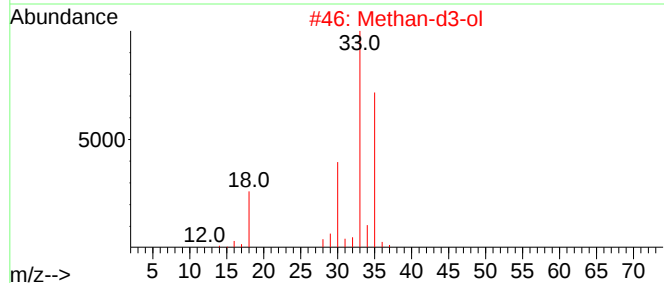
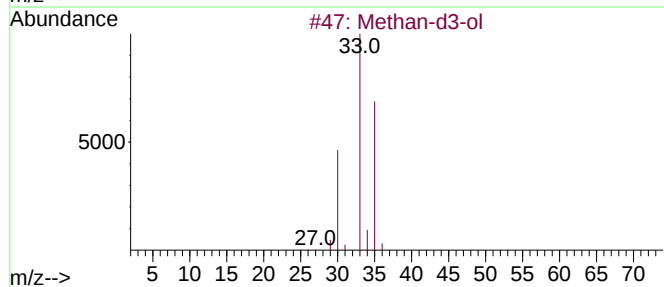
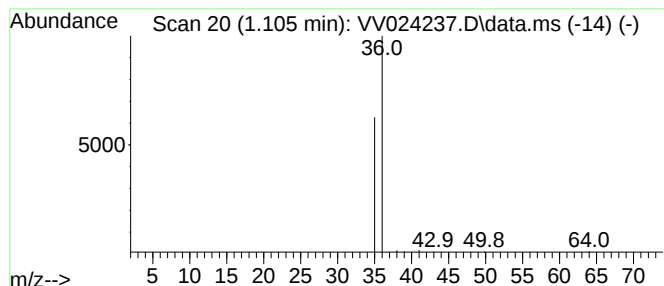
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR122721WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

\*\*\*\*\*  
Peak Number 1 unknown-01 Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.105 | 0.80 ug/L | 33875 | 1,4-Difluorobenzene | 5.619 |

| Hit# | of | 5 | Tentative ID      | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------|----|---------|-------------|------|
| 1    |    |   | Methan-d3-ol      | 35 | CHD3O   | 001849-29-2 | 3    |
| 2    |    |   | Methan-d3-ol      | 35 | CHD3O   | 001849-29-2 | 3    |
| 3    |    |   | Hydrogen chloride | 36 | ClH     | 007647-01-0 | 2    |
| 4    |    |   | Hydrogen chloride | 36 | ClH     | 007647-01-0 | 2    |
| 5    |    |   | Methanol-D4       | 36 | CD4O    | 000811-98-3 | 2    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV123021\  
Data File : VV024237.D  
Acq On : 30 Dec 2021 12:22  
Operator : SY/MD  
Sample : M5193-09DL 20X  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0J13DL

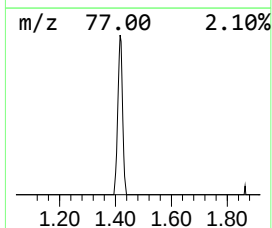
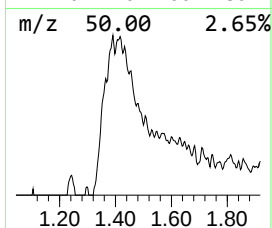
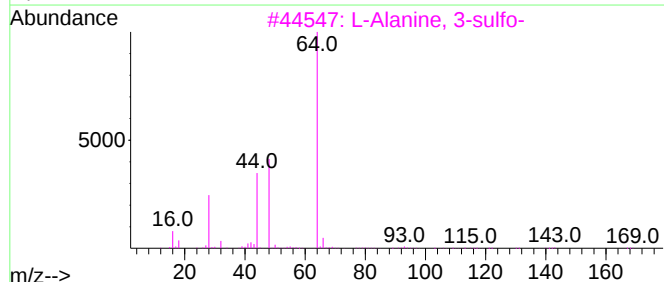
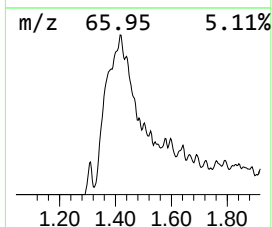
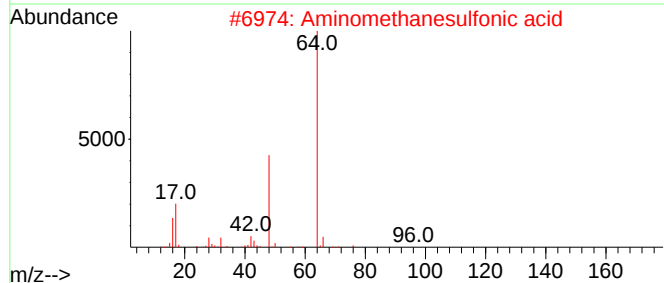
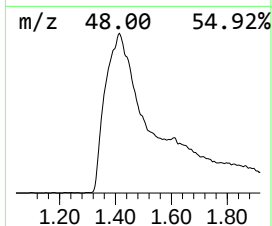
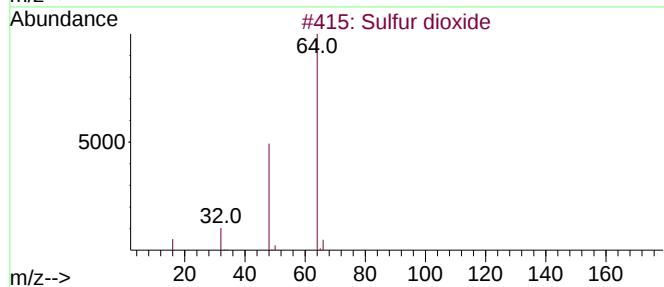
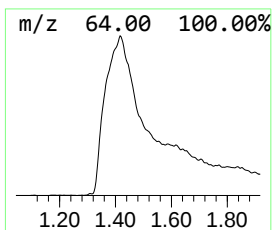
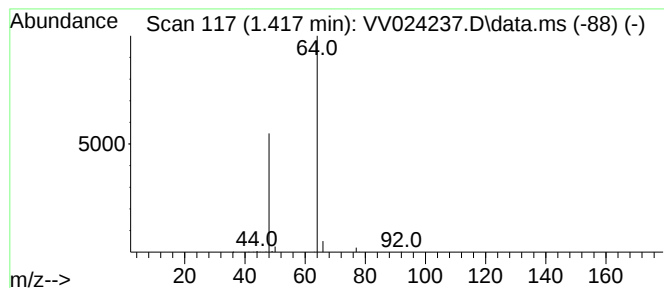
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR122721WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

\*\*\*\*\*  
Peak Number 2 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc    | Area    | Relative to ISTD    | R.T.  |
|-------|------------|---------|---------------------|-------|
| 1.417 | 27.52 ug/L | 1170020 | 1,4-Difluorobenzene | 5.619 |

| 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    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 4    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV123021\  
Data File : VV024237.D  
Acq On : 30 Dec 2021 12:22  
Operator : SY/MD  
Sample : M5193-09DL 20X  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0J13DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR122721WMA.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 |
| unknown-01       | 1.105 | 0.8     | ug/L  | 33875    | 1                     | 5.619 | 212603 | 5.0  |
| Sulfur dioxide   | 1.417 | 27.5    | ug/L  | 1170020  | 1                     | 5.619 | 212603 | 5.0  |