LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022324\
Data File : VV034376.D
Acq On : 23 Feb 2024 15:22
Operator : SY/MD
Sample : P1566-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
JWAD2

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\SFAMVTR012524WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV034376.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.195 | 39 | 48 | 51 | rBV | 17935 | 24600 | 8.88% | 1.042% |
| 2 | 1.278 | 68 | 74 | 83 | rVB | 44865 | 47257 | 17.05% | 2.002% |
| 3 | 1.346 | 83 | 95 | 129 | rBV2 | 24057 | 116634 | 42.09% | 4.940% |
| 4 | 1.535 | 147 | 154 | 180 | rVB | 39795 | 56385 | 20.35% | 2.388% |
| 5 | 2.060 | 308 | 317 | 334 | rVB | 85547 | 130770 | 47.19% | 5.539% |
| 6 | 2.153 | 336 | 346 | 355 | rBV5 | 2016 | 4625 | 1.67% | 0.196% |
| 7 | 3.603 | 785 | 797 | 816 | rVB5 | 2913 | 7846 | 2.83% | 0.332% |
| 8 | 3.831 | 858 | 868 | 893 | rBV2 | 16227 | 63909 | 23.06% | 2.707% |
| 9 | 4.252 | 985 | 999 | 1030 | rBV2 | 46467 | 124340 | 44.87% | 5.266% |
| 10 | 4.960 | 1203 | 1219 | 1248 | rBV3 | 110934 | 277098 | 100.00% | 11.736% |
| 11 | 5.538 | 1386 | 1399 | 1425 | rBV | 90210 | 188255 | 67.94% | 7.973% |
| 12 | 5.992 | 1528 | 1540 | 1565 | rBV | 58519 | 123524 | 44.58% | 5.232% |
| 13 | 6.465 | 1677 | 1687 | 1698 | rBV2 | 3491 | 7664 | 2.77% | 0.325% |
| 14 | 6.921 | 1820 | 1829 | 1852 | rBV2 | 15850 | 32692 | 11.80% | 1.385% |
| 15 | 7.072 | 1868 | 1876 | 1888 | rVB6 | 1779 | 3250 | 1.17% | 0.138% |
| 16 | 7.246 | 1917 | 1930 | 1951 | rBV | 132818 | 237939 | 85.87% | 10.078% |
| 17 | 7.567 | 2019 | 2030 | 2050 | rBV2 | 7980 | 16095 | 5.81% | 0.682% |
| 18 | 7.879 | 2117 | 2127 | 2137 | rBB3 | 1750 | 3262 | 1.18% | 0.138% |
| 19 | 8.030 | 2164 | 2174 | 2206 | rBV | 96498 | 206435 | 74.50% | 8.743% |
| 20 | 8.786 | 2397 | 2409 | 2437 | rBV | 134516 | 223345 | 80.60% | 9.459% |
| 21 | 10.156 | 2825 | 2835 | 2853 | rBV | 38111 | 60196 | 21.72% | 2.550% |
| 22 | 10.323 | 2878 | 2887 | 2897 | rBV2 | 3413 | 5042 | 1.82% | 0.214% |
| 23 | 11.188 | 3146 | 3156 | 3174 | rBV | 135346 | 212103 | 76.54% | 8.983% |
| 24 | 11.561 | 3261 | 3272 | 3293 | rBV | 118606 | 187800 | 67.77% | 7.954% |

Sum of corrected areas: 2361066

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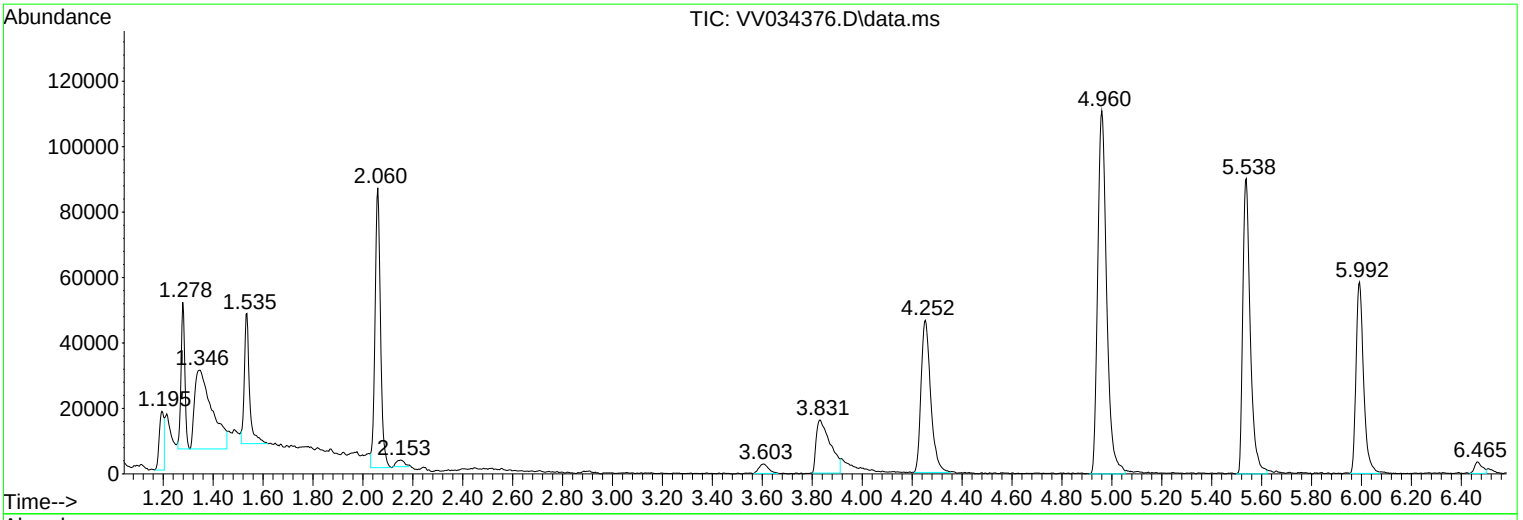
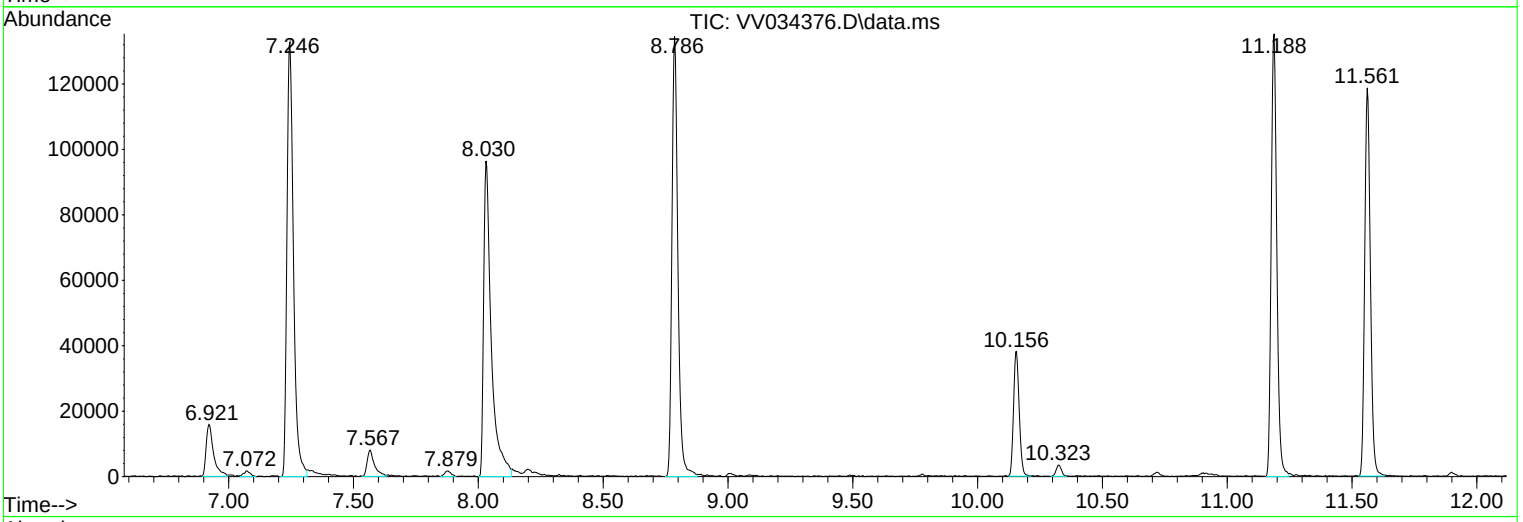
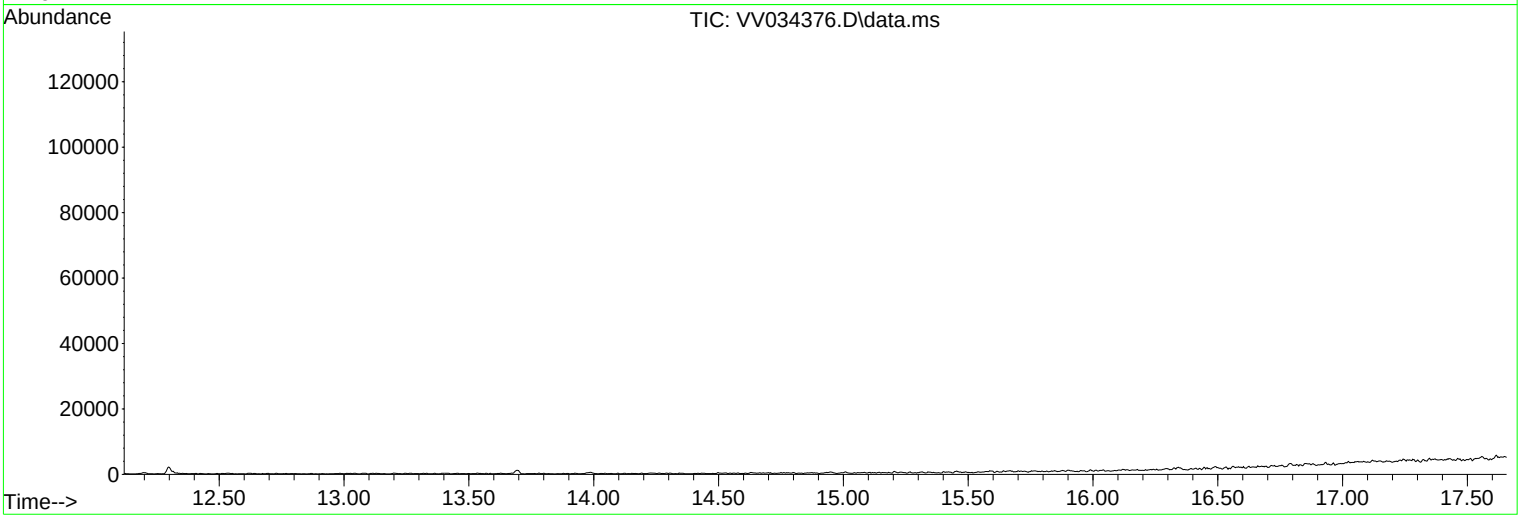
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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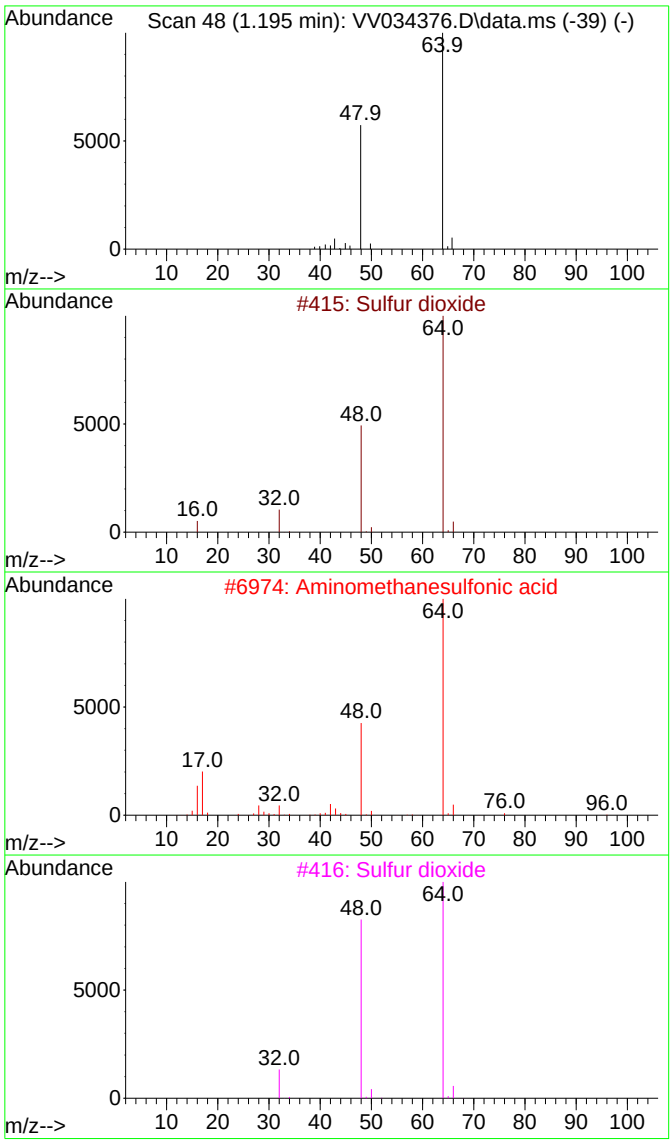
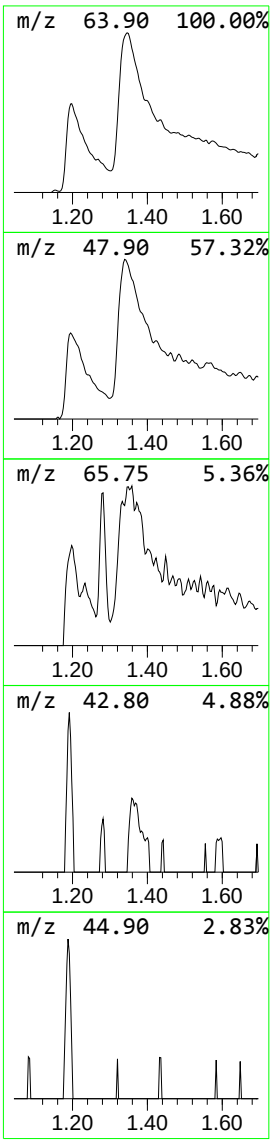
**********

Peak Number 1 Sulfur dioxide Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.195 | 0.65 ug/L | 24600 | 1,4-Difluorobenzene | 5.538 |

| 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 | 74 |
| 3 | Sulfur dioxide | 64 | O2S | 007446-09-5 | 74 |
| 4 | Aminomethanesulfonic acid | 111 | CH5NO3S | 013881-91-9 | 64 |
| 5 | Aminomethanesulfonic acid | 111 | CH5NO3S | 013881-91-9 | 64 |



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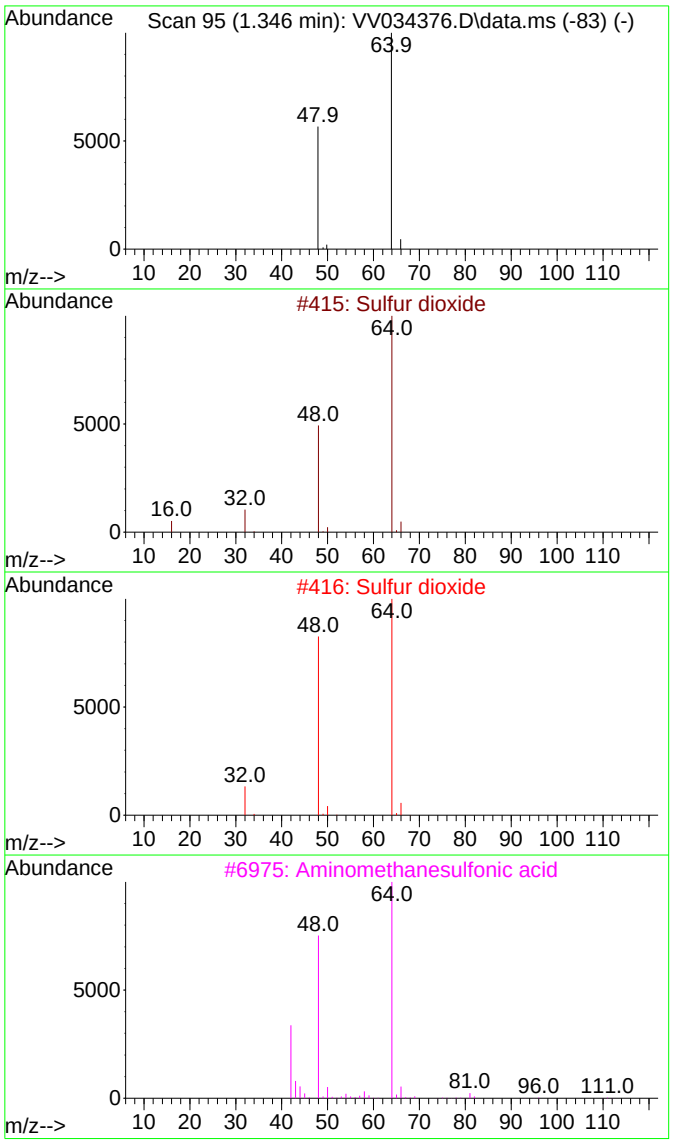
Quant Title : TRACE VOA SFAM1.0

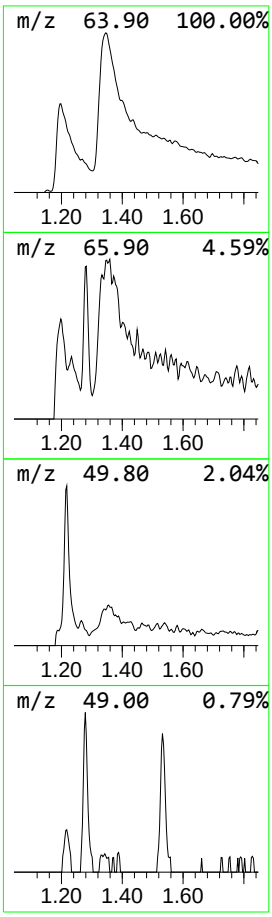
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Aminomethanesulfonic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.346 | 3.10 ug/L | 116634 | 1,4-Difluorobenzene | 5.538 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Sulfur dioxide | 64 | O2S | 007446-09-5 | 90 |
| 2 | Sulfur dioxide | 64 | O2S | 007446-09-5 | 83 |
| 3 | Aminomethanesulfonic acid | 111 | CH5NO3S | 013881-91-9 | 64 |
| 4 | Aminomethanesulfonic acid | 111 | CH5NO3S | 013881-91-9 | 64 |
| 5 | L-Alanine, 3-sulfo- | 169 | C3H7NO5S | 000498-40-8 | 9 |



Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SFAM1.0

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Sulfur dioxide | 1.195 | 0.7 | ug/L | 24600 | 1 | 5.538 | 188255 | 5.0 |
| Aminomethanesul... | 1.346 | 3.1 | ug/L | 116634 | 1 | 5.538 | 188255 | 5.0 |