LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
Data File : VU051657.D
Acq On : 01 Nov 2022 16:25
Operator : JC/MD
Sample : N5319-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHAA8

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_U\Method\SFAMUTR102822WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU051657.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.466 | 30 | 39 | 53 | rBV | 253010 | 433737 | 38.04% | 5.643% |
| 2 | 1.597 | 74 | 80 | 115 | rVB3 | 113987 | 234811 | 20.59% | 3.055% |
| 3 | 1.909 | 170 | 177 | 194 | rVB | 89785 | 126581 | 11.10% | 1.647% |
| 4 | 2.565 | 368 | 381 | 393 | rBV | 120624 | 196920 | 17.27% | 2.562% |
| 5 | 2.755 | 431 | 440 | 457 | rBV2 | 8929 | 19183 | 1.68% | 0.250% |
| 6 | 3.044 | 519 | 530 | 545 | rVB2 | 13047 | 25124 | 2.20% | 0.327% |
| 7 | 3.183 | 558 | 573 | 592 | rVB | 25624 | 58288 | 5.11% | 0.758% |
| 8 | 3.871 | 762 | 787 | 811 | rVB | 10141 | 46696 | 4.10% | 0.608% |
| 9 | 4.620 | 1008 | 1020 | 1055 | rBV | 208496 | 525996 | 46.13% | 6.844% |
| 10 | 5.063 | 1139 | 1158 | 1185 | rBV2 | 172196 | 396099 | 34.74% | 5.154% |
| 11 | 5.723 | 1343 | 1363 | 1387 | rBV2 | 310060 | 845785 | 74.18% | 11.005% |
| 12 | 6.247 | 1513 | 1526 | 1550 | rBV | 231208 | 444616 | 39.00% | 5.785% |
| 13 | 6.690 | 1648 | 1664 | 1682 | rBV | 216158 | 427715 | 37.51% | 5.565% |
| 14 | 7.565 | 1924 | 1936 | 1954 | rBV2 | 61173 | 110048 | 9.65% | 1.432% |
| 15 | 7.896 | 2026 | 2039 | 2056 | rBV | 288854 | 502639 | 44.09% | 6.540% |
| 16 | 7.973 | 2056 | 2063 | 2075 | rVB2 | 7489 | 12878 | 1.13% | 0.168% |
| 17 | 8.179 | 2115 | 2127 | 2143 | rBV | 41331 | 68804 | 6.03% | 0.895% |
| 18 | 8.632 | 2252 | 2268 | 2305 | rBV2 | 604298 | 1140146 | 100.00% | 14.834% |
| 19 | 9.417 | 2498 | 2512 | 2538 | rBV2 | 340500 | 747514 | 65.56% | 9.726% |
| 20 | 10.755 | 2915 | 2928 | 2943 | rBV | 200844 | 322265 | 28.27% | 4.193% |
| 21 | 10.893 | 2960 | 2971 | 2981 | rBV2 | 8617 | 13419 | 1.18% | 0.175% |
| 22 | 11.809 | 3244 | 3256 | 3278 | rBV | 286882 | 489692 | 42.95% | 6.371% |
| 23 | 12.192 | 3361 | 3375 | 3393 | rBV | 280227 | 469906 | 41.21% | 6.114% |
| 24 | 13.844 | 3879 | 3889 | 3899 | rBV3 | 8753 | 14357 | 1.26% | 0.187% |
| 25 | 14.330 | 4030 | 4040 | 4055 | rVB6 | 7282 | 12581 | 1.10% | 0.164% |

Sum of corrected areas: 7685800

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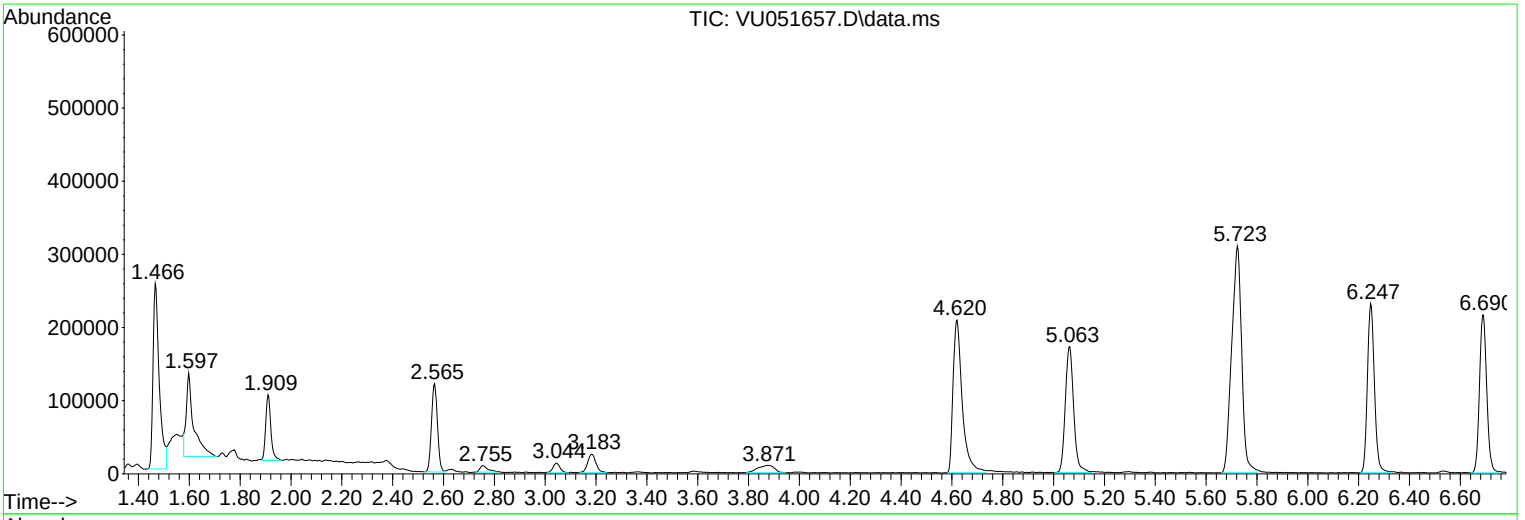
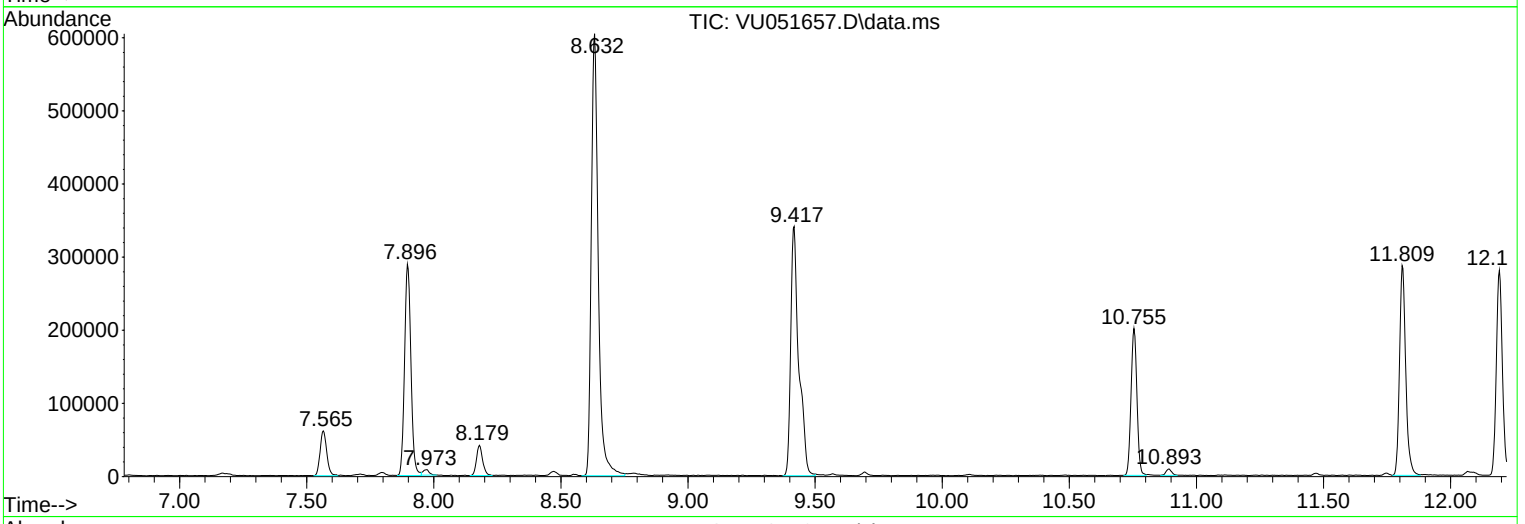
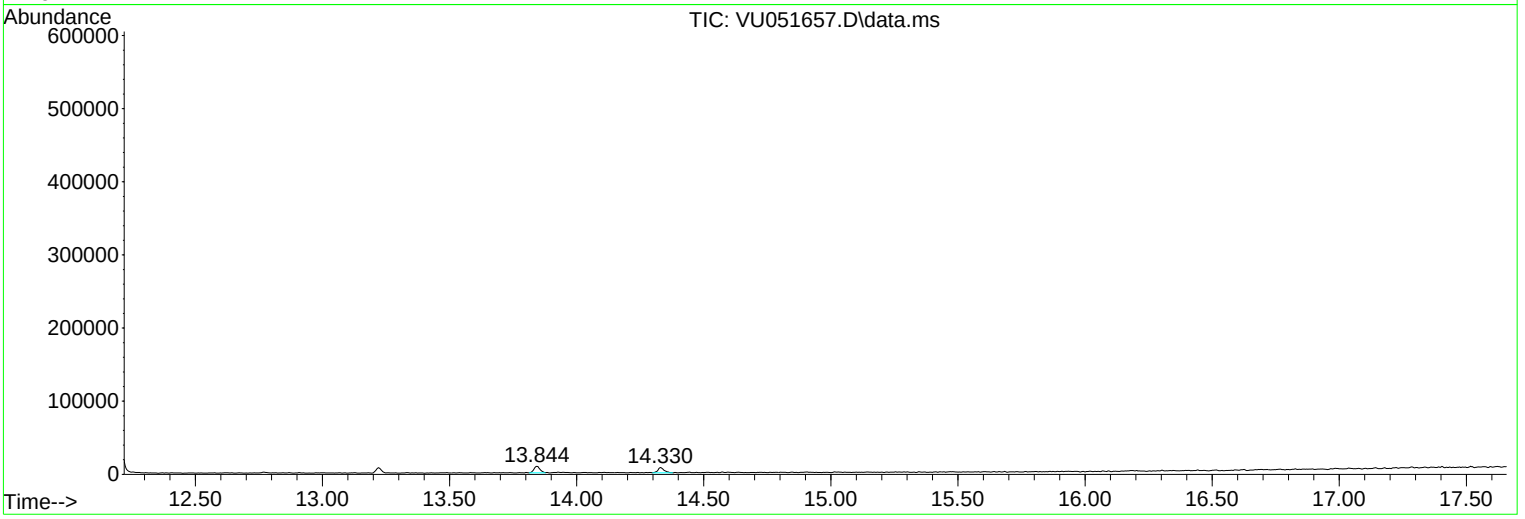
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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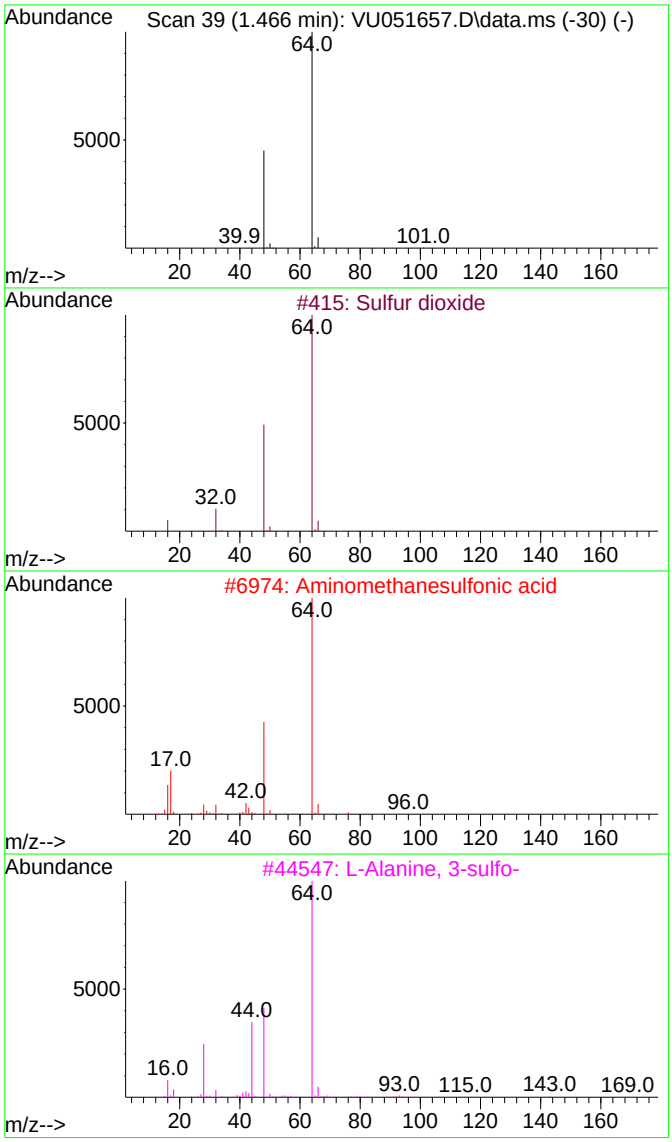
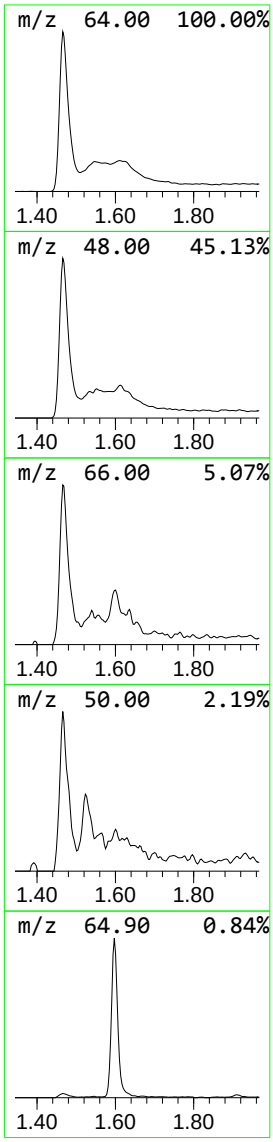
Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.466 | 4.88 ug/L | 433737 | 1,4-Difluorobenzene | 6.247 |

| 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 | Ethene, 1,1-difluoro- | 64 | C2H2F2 | 000075-38-7 | 4 |



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 | 1.466 | 4.9 | ug/L | 433737 | 1 | 6.247 | 444616 | 5.0 |