LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
Data File : VU051713.D
Acq On : 03 Nov 2022 01:00
Operator : JC/MD
Sample : N5301-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
DBWP4

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: VU051713.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.469 | 31 | 40 | 53 | rBV | 225481 | 403842 | 50.18% | 6.511% |
| 2 | 1.597 | 74 | 80 | 87 | rBV | 96397 | 128379 | 15.95% | 2.070% |
| 3 | 1.912 | 171 | 178 | 190 | rVB | 79455 | 106258 | 13.20% | 1.713% |
| 4 | 2.565 | 369 | 381 | 394 | rBV | 128928 | 210946 | 26.21% | 3.401% |
| 5 | 3.044 | 521 | 530 | 543 | rVB2 | 6608 | 11447 | 1.42% | 0.185% |
| 6 | 3.822 | 756 | 772 | 793 | rVB | 10242 | 33555 | 4.17% | 0.541% |
| 7 | 4.620 | 1009 | 1020 | 1053 | rBV | 126393 | 320402 | 39.82% | 5.165% |
| 8 | 5.060 | 1141 | 1157 | 1177 | rBV | 146007 | 324983 | 40.39% | 5.239% |
| 9 | 5.723 | 1342 | 1363 | 1385 | rBV3 | 260480 | 695067 | 86.37% | 11.206% |
| 10 | 6.247 | 1514 | 1526 | 1545 | rBV | 187539 | 365228 | 45.39% | 5.888% |
| 11 | 6.690 | 1650 | 1664 | 1683 | rBV | 174384 | 347830 | 43.22% | 5.608% |
| 12 | 7.565 | 1923 | 1936 | 1955 | rBV2 | 70604 | 128559 | 15.98% | 2.073% |
| 13 | 7.896 | 2022 | 2039 | 2059 | rBV | 275082 | 478179 | 59.42% | 7.709% |
| 14 | 8.179 | 2117 | 2127 | 2143 | rBV2 | 45794 | 77332 | 9.61% | 1.247% |
| 15 | 8.632 | 2253 | 2268 | 2302 | rBV | 413596 | 804709 | 100.00% | 12.973% |
| 16 | 9.417 | 2500 | 2512 | 2534 | rBV | 301515 | 519963 | 64.62% | 8.383% |
| 17 | 10.755 | 2915 | 2928 | 2949 | rVB | 159658 | 260147 | 32.33% | 4.194% |
| 18 | 10.893 | 2961 | 2971 | 2983 | rBV2 | 9486 | 15598 | 1.94% | 0.251% |
| 19 | 11.809 | 3242 | 3256 | 3276 | rBV | 271542 | 451471 | 56.10% | 7.278% |
| 20 | 12.063 | 3325 | 3335 | 3352 | rBV2 | 25188 | 49093 | 6.10% | 0.791% |
| 21 | 12.192 | 3363 | 3375 | 3397 | rBV2 | 274834 | 469904 | 58.39% | 7.576% |

Sum of corrected areas: 6202892

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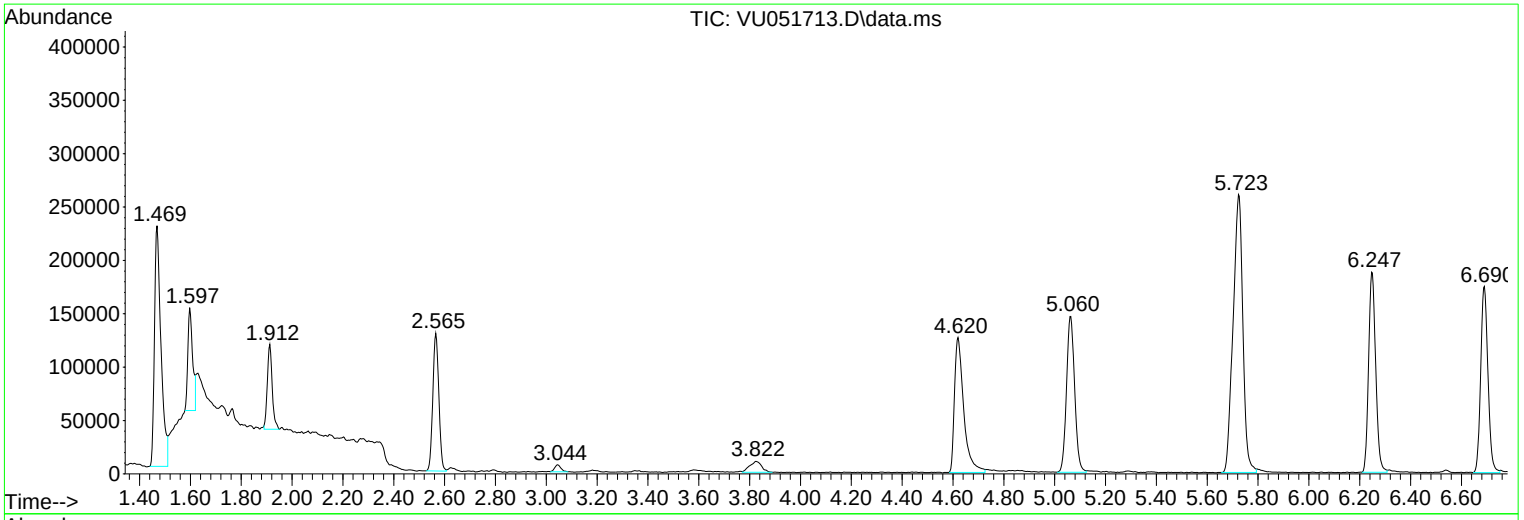
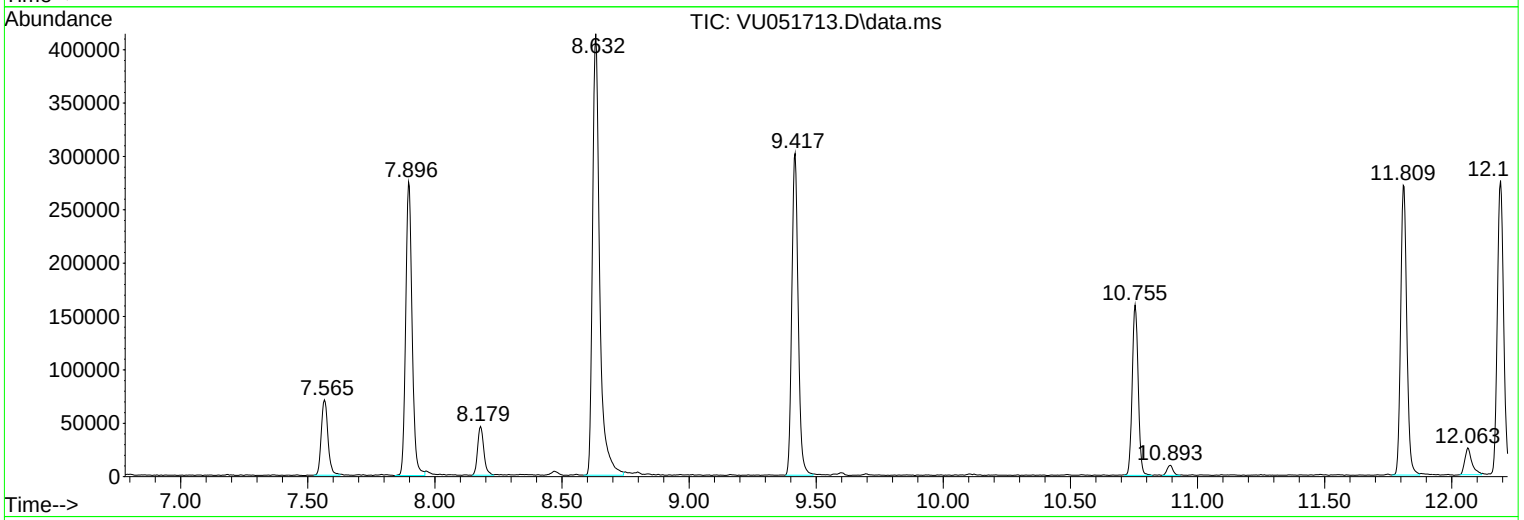
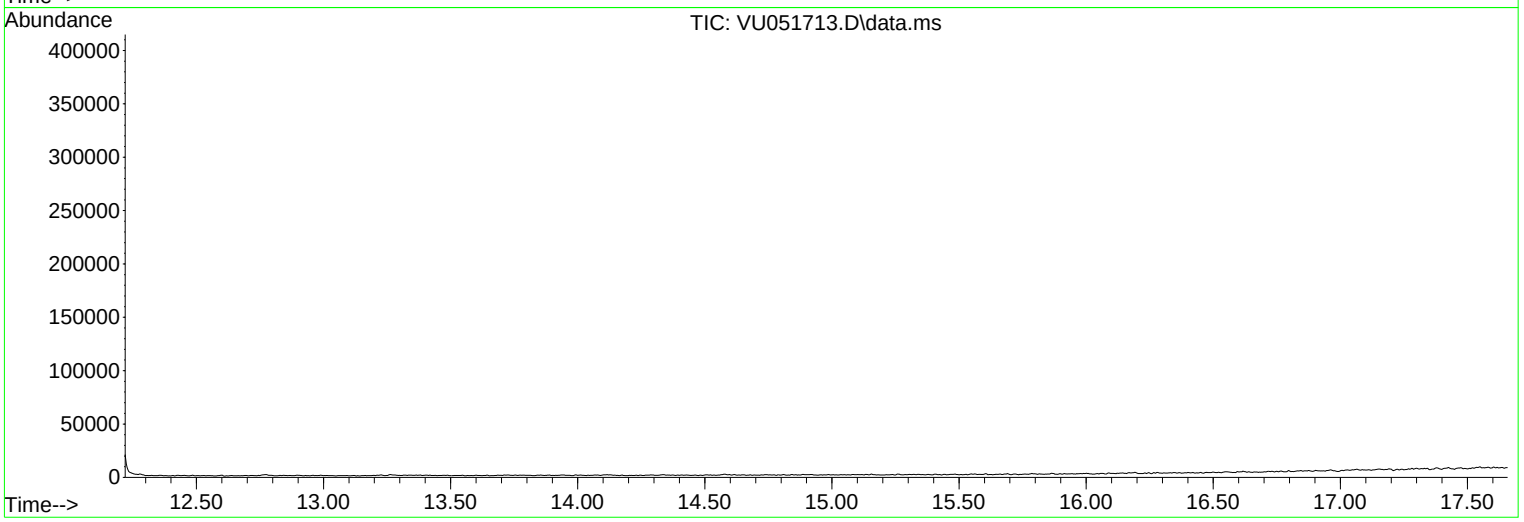
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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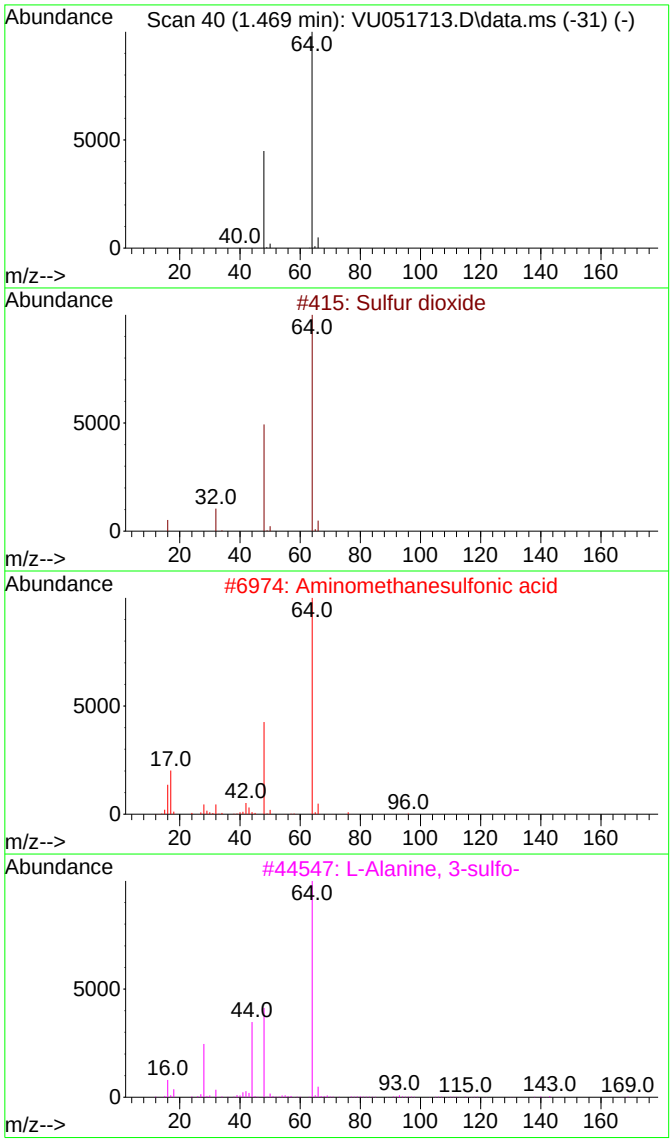
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

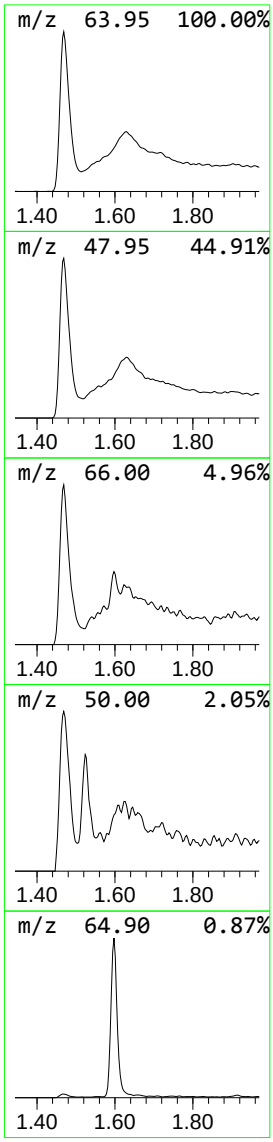
**********

Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.469 | 5.53 ug/L | 403842 | 1,4-Difluorobenzene | 6.250 |

| 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 |



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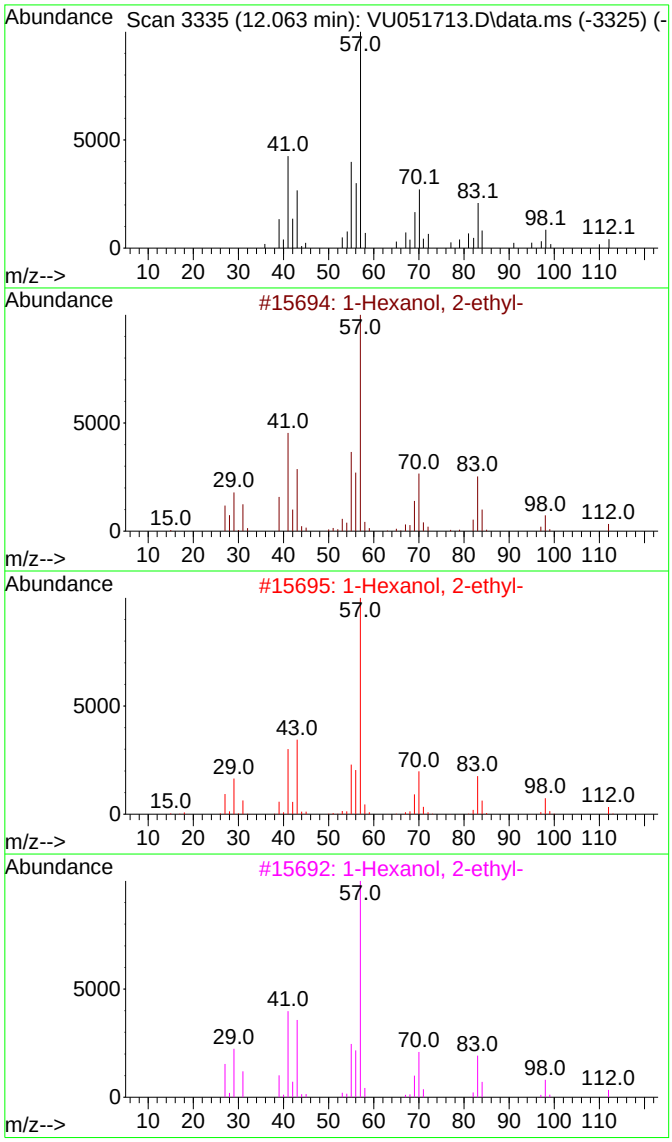
Quant Title : TRACE VOA SFAM1.0

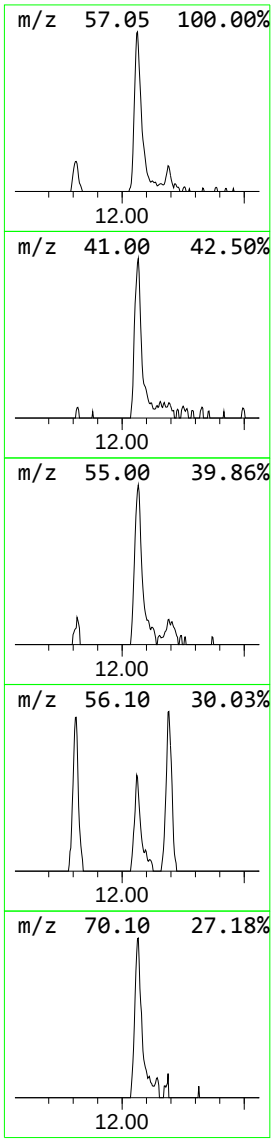
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.063 | 0.54 ug/L | 49093 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 86 |
| 2 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 78 |
| 3 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 78 |
| 4 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 78 |
| 5 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 59 |



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 | 1.469 | 5.5 | ug/L | 403842 | 1 | 6.250 | 365228 | 5.0 |
| 1-Hexanol, 2-et... | 12.063 | 0.5 | ug/L | 49093 | 3 | 11.812 | 451471 | 5.0 |