LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
Data File : VX013654.D
Acq On : 27 Nov 2019 16:09
Operator : JC/SP
Sample : K5960-01 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** 14B-1

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 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_X\METHOD\624X111119W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.582 | 109 | 114 | 117 | rBV7 | 24159 | 32459 | 1.75% | 0.392% |
| 2 | 2.588 | 272 | 279 | 283 | rBV2 | 12810 | 25945 | 1.40% | 0.314% |
| 3 | 3.009 | 342 | 348 | 354 | rVB | 19704 | 46528 | 2.51% | 0.562% |
| 4 | 4.667 | 612 | 620 | 632 | rVB | 27011 | 87728 | 4.73% | 1.060% |
| 5 | 5.002 | 665 | 675 | 691 | rVB2 | 236664 | 702851 | 37.90% | 8.495% |
| 6 | 5.197 | 696 | 707 | 720 | rVB | 240438 | 718630 | 38.75% | 8.686% |
| 7 | 6.051 | 839 | 847 | 859 | rVB | 246764 | 640271 | 34.52% | 7.739% |
| 8 | 6.849 | 969 | 978 | 989 | rBV | 576723 | 1333276 | 71.89% | 16.116% |
| 9 | 7.892 | 1142 | 1149 | 1157 | rBV | 65259 | 124650 | 6.72% | 1.507% |
| 10 | 8.709 | 1276 | 1283 | 1292 | rBV | 1227995 | 1854671 | 100.00% | 22.418% |
| 11 | 10.105 | 1507 | 1512 | 1519 | rBV | 1135490 | 1537146 | 82.88% | 18.580% |
| 12 | 11.129 | 1676 | 1680 | 1689 | rBV | 891929 | 1169071 | 63.03% | 14.131% |

Sum of corrected areas: 8273226

LSC Report - Integrated Chromatogram

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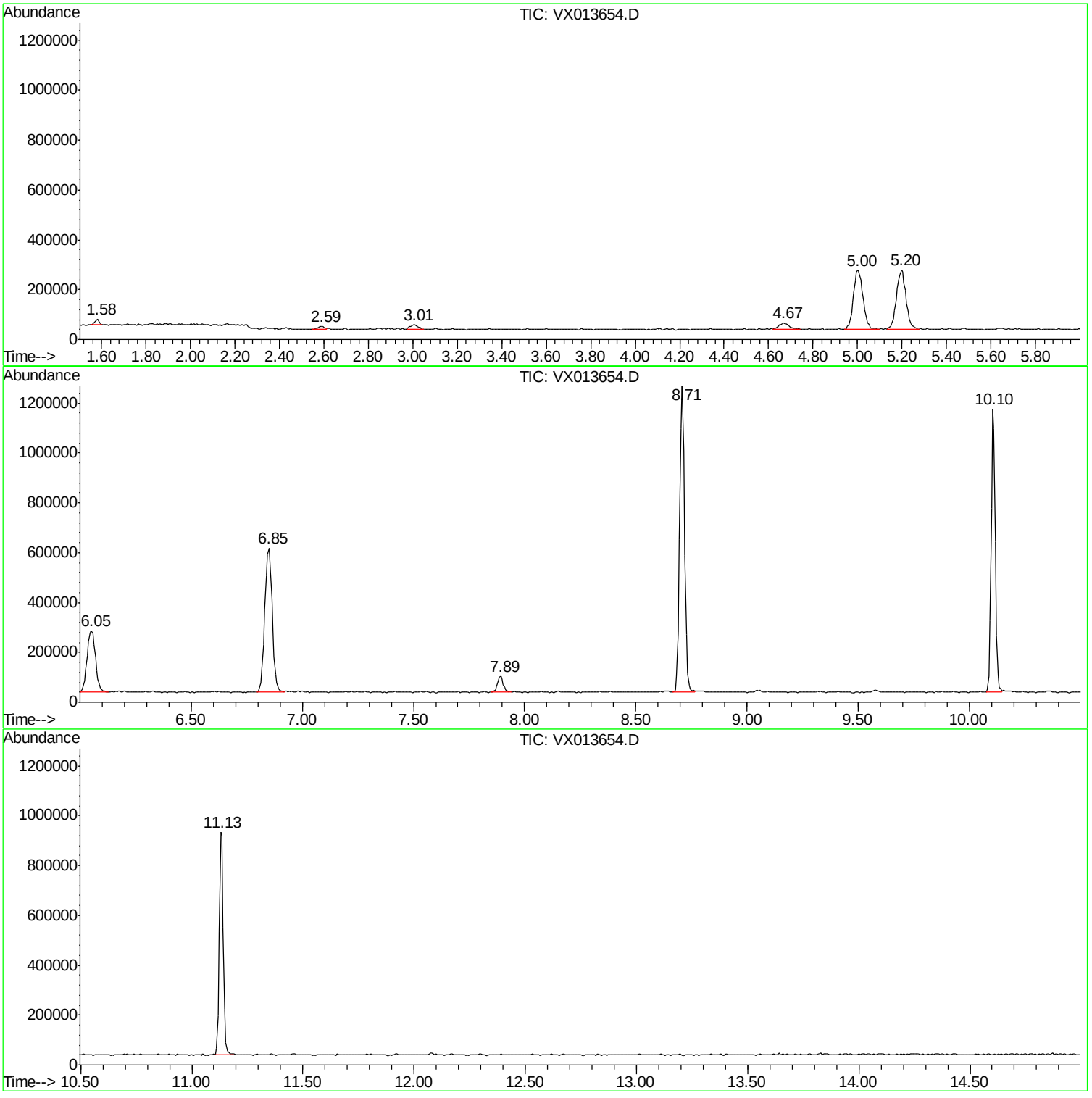
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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**Instrument :** MSVOA_X
**ClientSampleId :** 14B-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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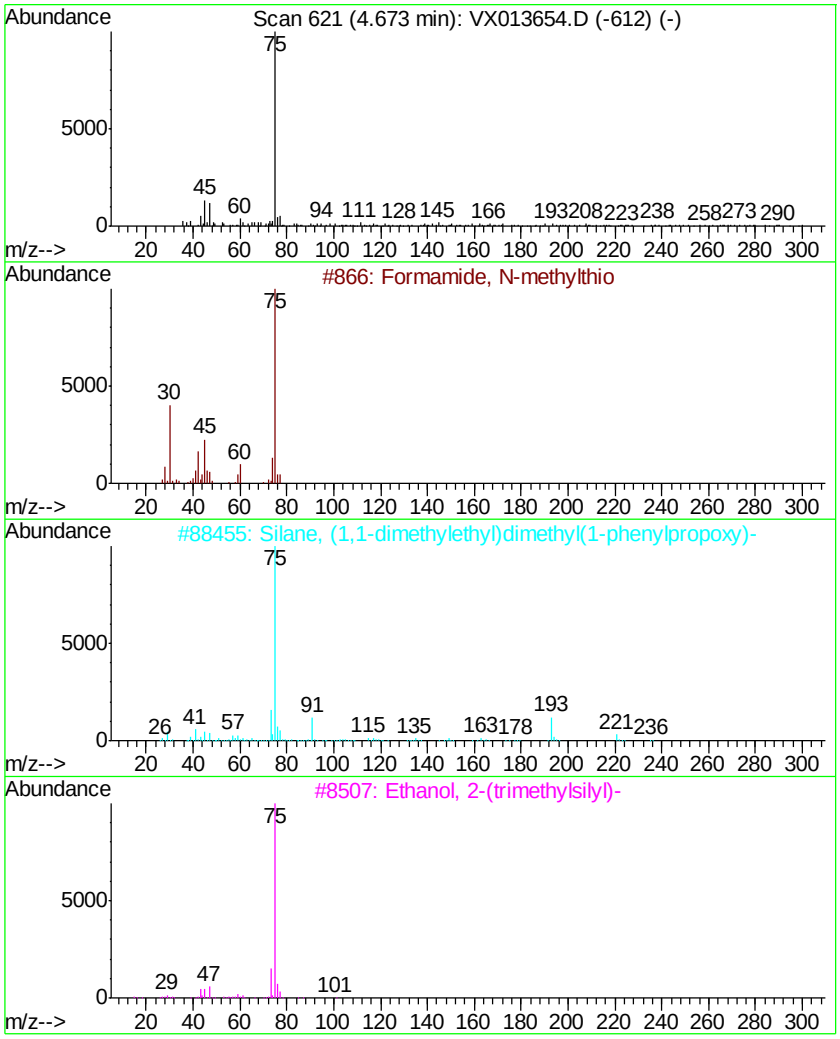
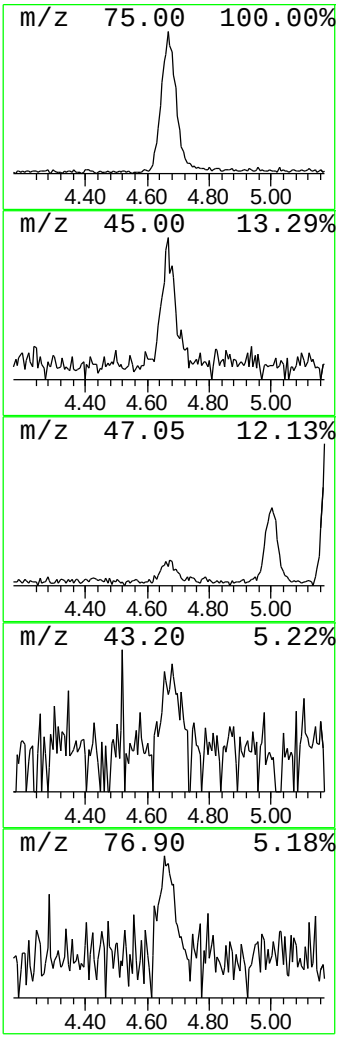
Peak Number 1 Formamide, N-methylthio Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.67 | 3.74 ug/l | 87728 | Bromochloromethane | 5.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Formamide, N-methylthio | 75 | C2H5NS | 018952-41-5 | 72 |
| 2 | Silane, (1,1-dimethylethyl)dimet... | 250 | C15H26OSi | 136116-42-2 | 72 |
| 3 | Ethanol, 2-(trimethylsilyl)- | 118 | C5H14OSi | 002916-68-9 | 64 |
| 4 | Silanol, trimethyl- | 90 | C3H10OSi | 001066-40-6 | 56 |
| 5 | Allyl(2-pentyloxy)dimethylsilane | 186 | C10H22OSi | 1000245-83-5 | 56 |



Tentatively Identified Compound (LSC) summary

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Formamide, N-meth... | 4.67 | 3.7 | ug/l | 87728 | 1 | 5.00 | 702851 | 30.0 |