LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071519\
Data File : VN056740.D
Acq On : 16 Jul 2019 2:54
Operator : JC/SP
Sample : K3814-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** KY030LC058-SW-190712

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_N\METHODS\82N071519W.M
Title : SW846 8260

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.072 | 700 | 715 | 739 | rBV2 | 8494 | 27581 | 1.85% | 0.350% |
| 2 | 7.593 | 1792 | 1810 | 1821 | rBV | 178696 | 448860 | 30.06% | 5.699% |
| 3 | 7.667 | 1821 | 1833 | 1857 | rVB | 292632 | 696620 | 46.65% | 8.844% |
| 4 | 8.027 | 1928 | 1945 | 1972 | rBV2 | 175892 | 424861 | 28.45% | 5.394% |
| 5 | 8.329 | 1995 | 2039 | 2041 | rBV3 | 32788 | 180378 | 12.08% | 2.290% |
| 6 | 8.586 | 2103 | 2119 | 2142 | rBV | 491285 | 1032990 | 69.17% | 13.115% |
| 7 | 10.091 | 2569 | 2587 | 2618 | rBV | 799174 | 1493396 | 100.00% | 18.960% |
| 8 | 11.406 | 2982 | 2996 | 3023 | rBV | 783750 | 1400879 | 93.80% | 17.785% |
| 9 | 12.400 | 3291 | 3305 | 3327 | rBV | 616342 | 1055828 | 70.70% | 13.404% |
| 10 | 13.342 | 3585 | 3598 | 3620 | rBV | 677416 | 1115278 | 74.68% | 14.159% |

Sum of corrected areas: 7876671

LSC Report - Integrated Chromatogram

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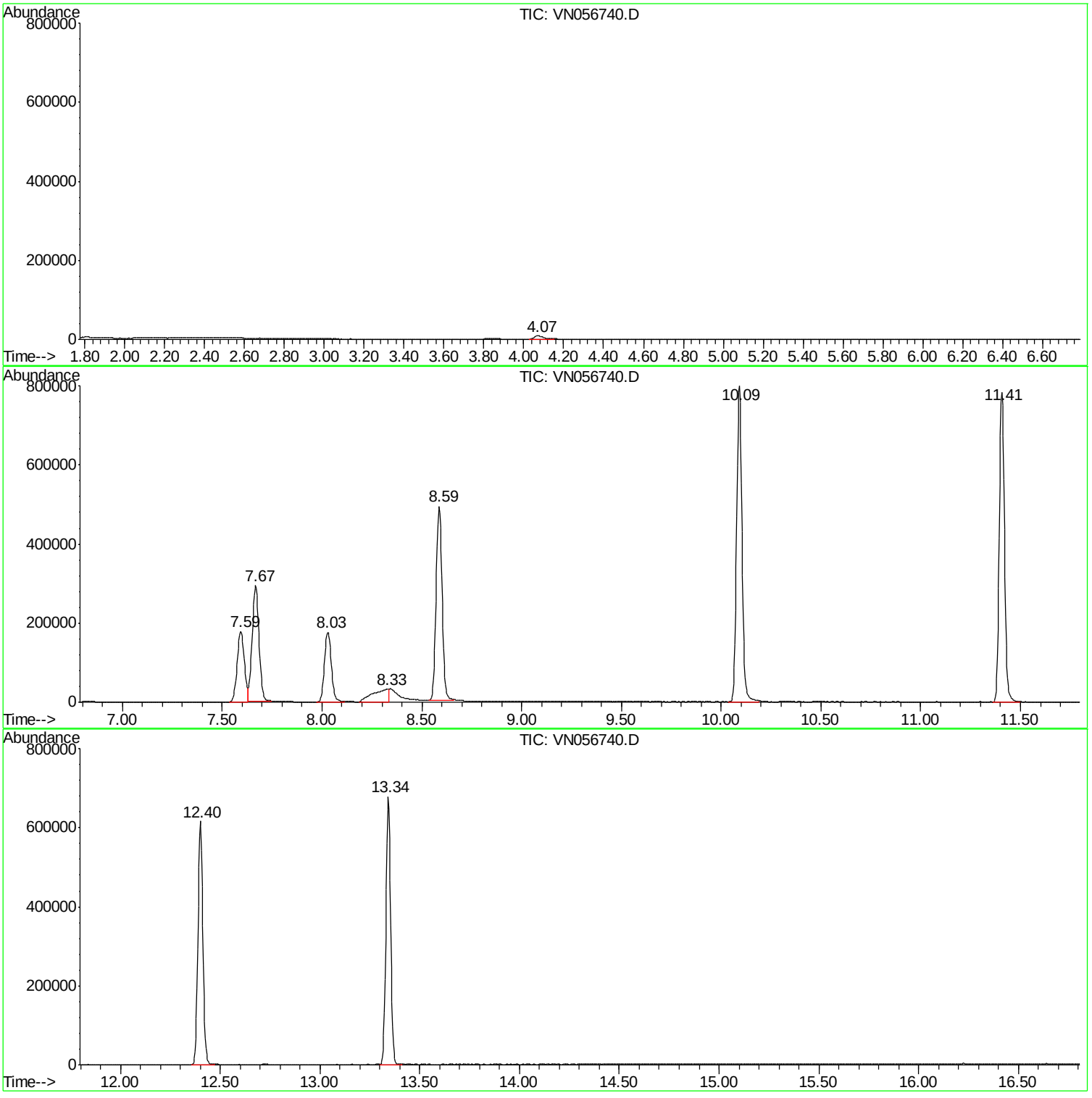
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071519\
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Sample : K3814-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** KY030LC058-SW-190712

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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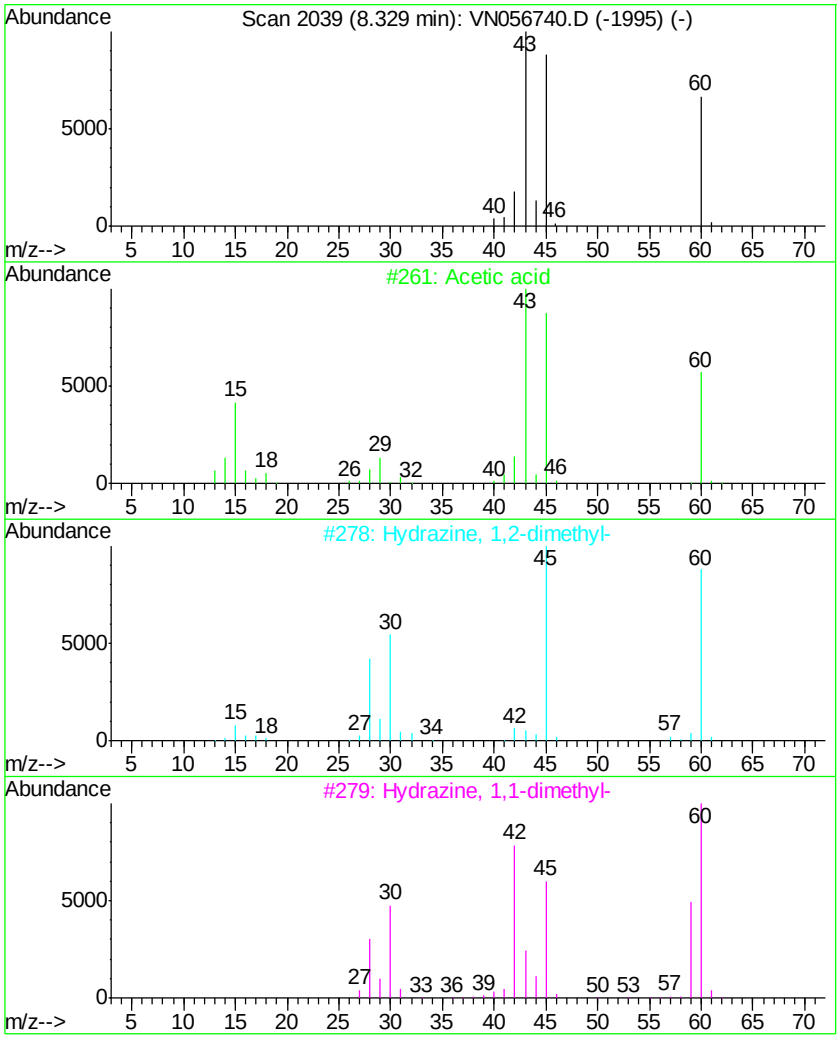
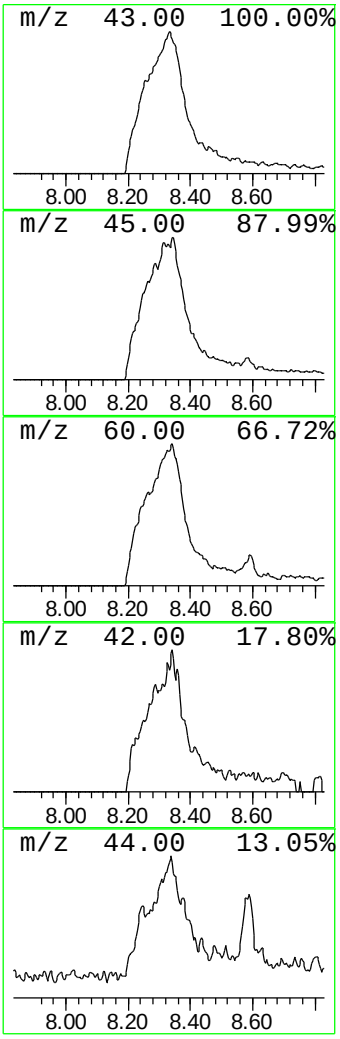
Peak Number 1 Acetic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.33 | 8.73 ug/l | 180378 | 1,4-Difluorobenzene | 8.59 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acetic acid | 60 | C2H4O2 | 000064-19-7 | 90 |
| 2 | Hydrazine, 1,2-dimethyl- | 60 | C2H8N2 | 000540-73-8 | 50 |
| 3 | Hydrazine, 1,1-dimethyl- | 60 | C2H8N2 | 000057-14-7 | 35 |
| 4 | Formic acid hydrazide | 60 | CH4N2O | 000624-84-0 | 9 |
| 5 | Ammonium acetate | 77 | C2H7NO2 | 000631-61-8 | 9 |



Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Acetic acid | 8.33 | 8.7 | ug/l | 180378 | 2 | 8.59 | 1032990 | 50.0 |