LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN083018\
Data File : VN050974.D
Acq On : 30 Aug 2018 20:23
Operator : MD\SY
Sample : J4728-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** SPDES-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_N\METHODS\624N082818W.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 | 1.658 | 3 | 21 | 43 | rBV | 2607868 | 4166842 | 100.00% | 38.924% |
| 2 | 7.201 | 1725 | 1745 | 1767 | rBV3 | 253227 | 694937 | 16.68% | 6.492% |
| 3 | 8.030 | 1986 | 2003 | 2026 | rBV | 240962 | 583166 | 14.00% | 5.448% |
| 4 | 8.323 | 2044 | 2094 | 2125 | rBV4 | 63750 | 574876 | 13.80% | 5.370% |
| 5 | 8.590 | 2162 | 2177 | 2204 | rBV | 587230 | 1239100 | 29.74% | 11.575% |
| 6 | 10.091 | 2629 | 2644 | 2673 | rBV | 829401 | 1568060 | 37.63% | 14.648% |
| 7 | 11.410 | 3038 | 3054 | 3077 | rBV | 674775 | 1216830 | 29.20% | 11.367% |
| 8 | 12.403 | 3348 | 3363 | 3384 | rBV | 375695 | 661385 | 15.87% | 6.178% |

Sum of corrected areas: 10705196

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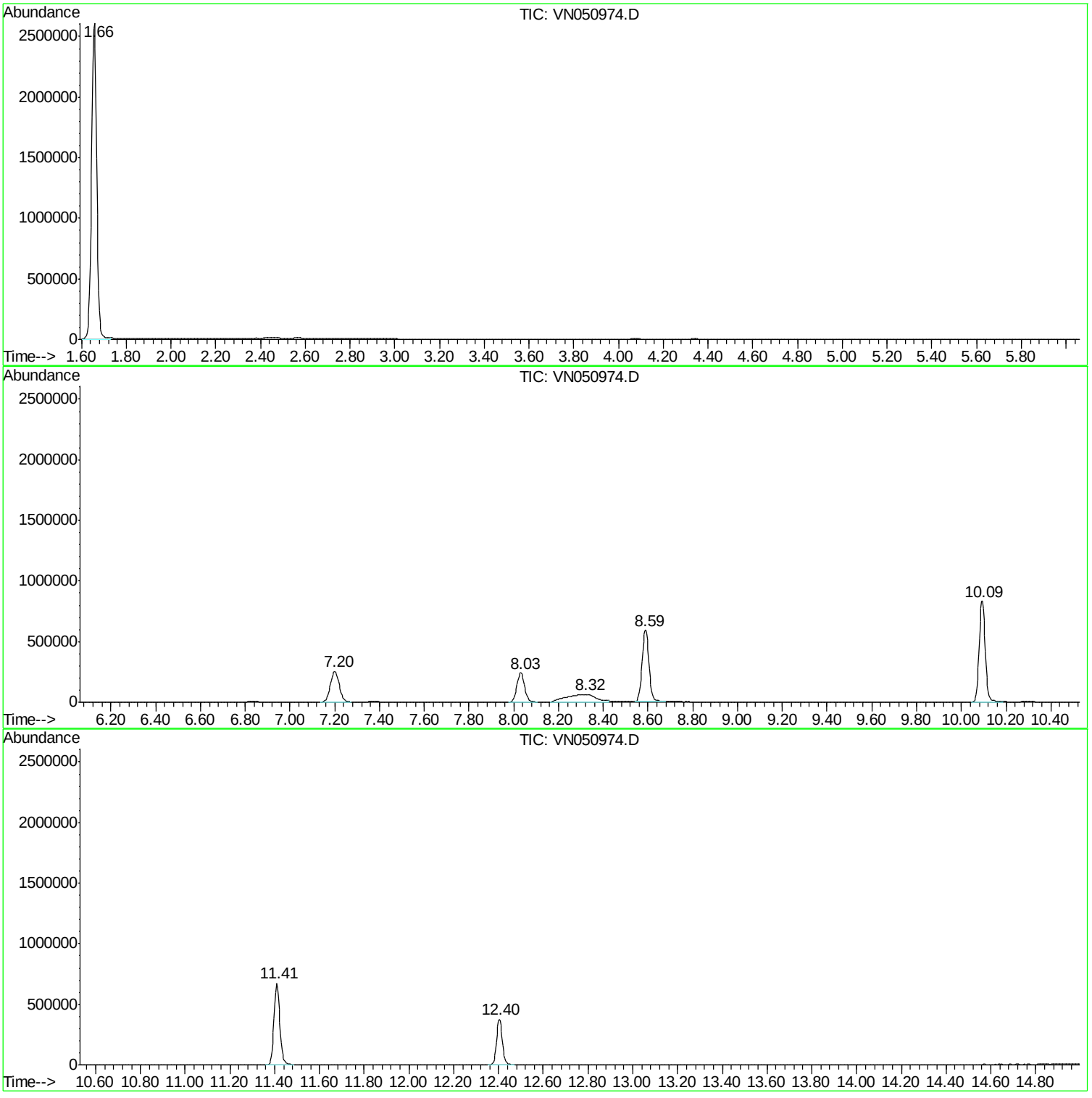
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N082818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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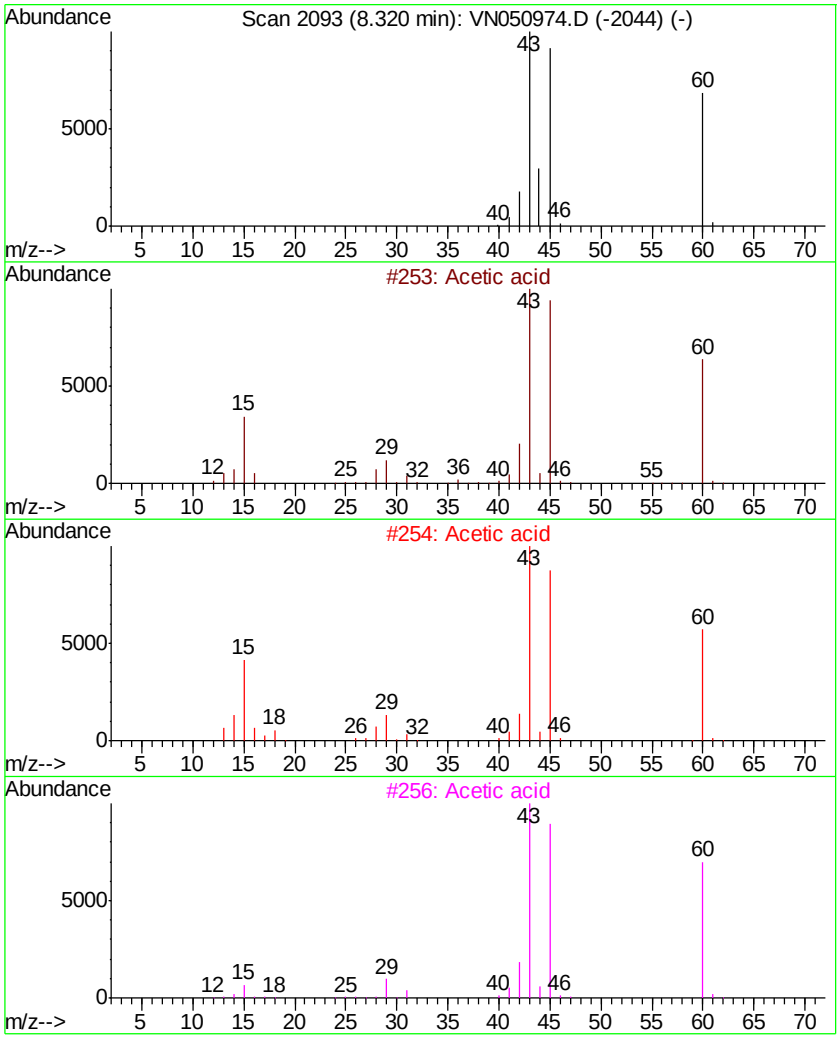
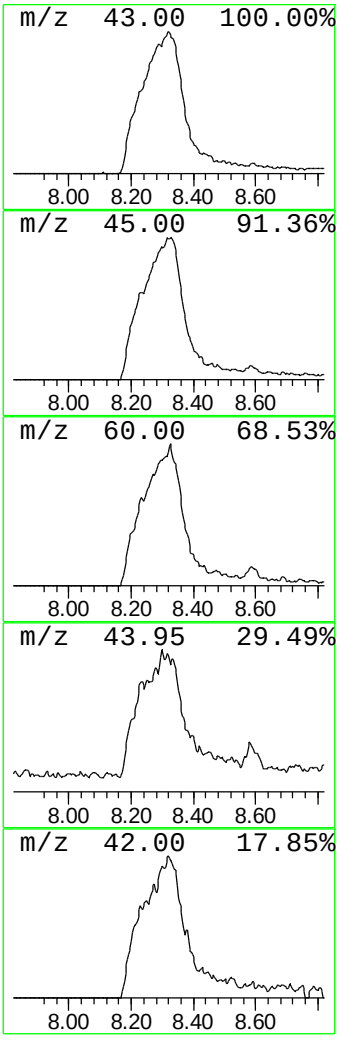
Peak Number 2 Acetic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.32 | 13.92 ug/l | 574876 | 1,4-Difluorobenzene | 8.59 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acetic acid | 60 | C2H4O2 | 000064-19-7 | 86 |
| 2 | Acetic acid | 60 | C2H4O2 | 000064-19-7 | 86 |
| 3 | Acetic acid | 60 | C2H4O2 | 000064-19-7 | 86 |
| 4 | Acetic acid | 60 | C2H4O2 | 000064-19-7 | 78 |
| 5 | Hydrazine, 1,2-dimethyl- | 60 | C2H8N2 | 000540-73-8 | 45 |



Tentatively Identified Compound (LSC) summary

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Acetic acid | 8.32 | 13.9 | ug/l | 574876 | 2 | 8.59 | 1239100 | 30.0 |