LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN093019\
Data File : VN058429.D
Acq On : 30 Sep 2019 12:59
Operator : JC/SP
Sample : K5080-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** SA-MW132S-20190924

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\82N092719W.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 | 4.037 | 687 | 704 | 740 | rBV | 45494 | 139449 | 5.96% | 1.181% |
| 2 | 7.574 | 1782 | 1804 | 1815 | rBV | 286306 | 712620 | 30.44% | 6.033% |
| 3 | 7.651 | 1815 | 1828 | 1860 | rVB | 560829 | 1341181 | 57.28% | 11.355% |
| 4 | 8.011 | 1923 | 1940 | 1962 | rBV | 351886 | 831088 | 35.50% | 7.036% |
| 5 | 8.574 | 2099 | 2115 | 2135 | rBV | 814763 | 1705377 | 72.84% | 14.438% |
| 6 | 10.085 | 2567 | 2585 | 2609 | rBV | 1282894 | 2341326 | 100.00% | 19.822% |
| 7 | 11.407 | 2981 | 2996 | 3020 | rBV | 1081135 | 1893770 | 80.88% | 16.033% |
| 8 | 12.406 | 3293 | 3307 | 3326 | rBV | 797210 | 1357471 | 57.98% | 11.493% |
| 9 | 13.349 | 3587 | 3600 | 3625 | rBV | 878237 | 1489363 | 63.61% | 12.609% |

Sum of corrected areas: 11811645

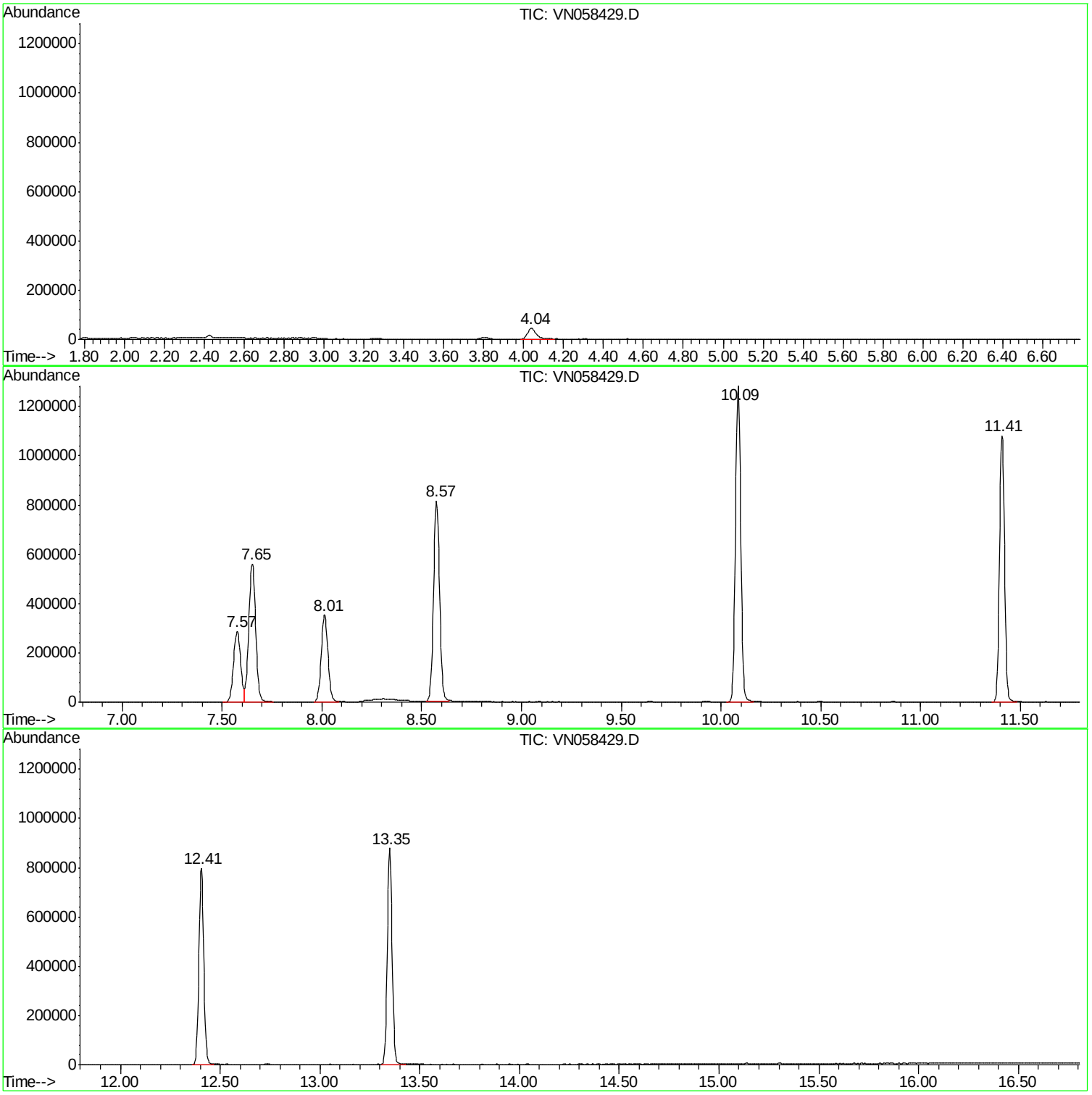
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN093019\
Data File : VN058429.D
Acq On : 30 Sep 2019 12:59
Operator : JC/SP
Sample : K5080-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** SA-MW132S-20190924

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093019\
Data File : VN058429.D
Acq On : 30 Sep 2019 12:59
Operator : JC/SP
Sample : K5080-05
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** SA-MW132S-20190924

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260

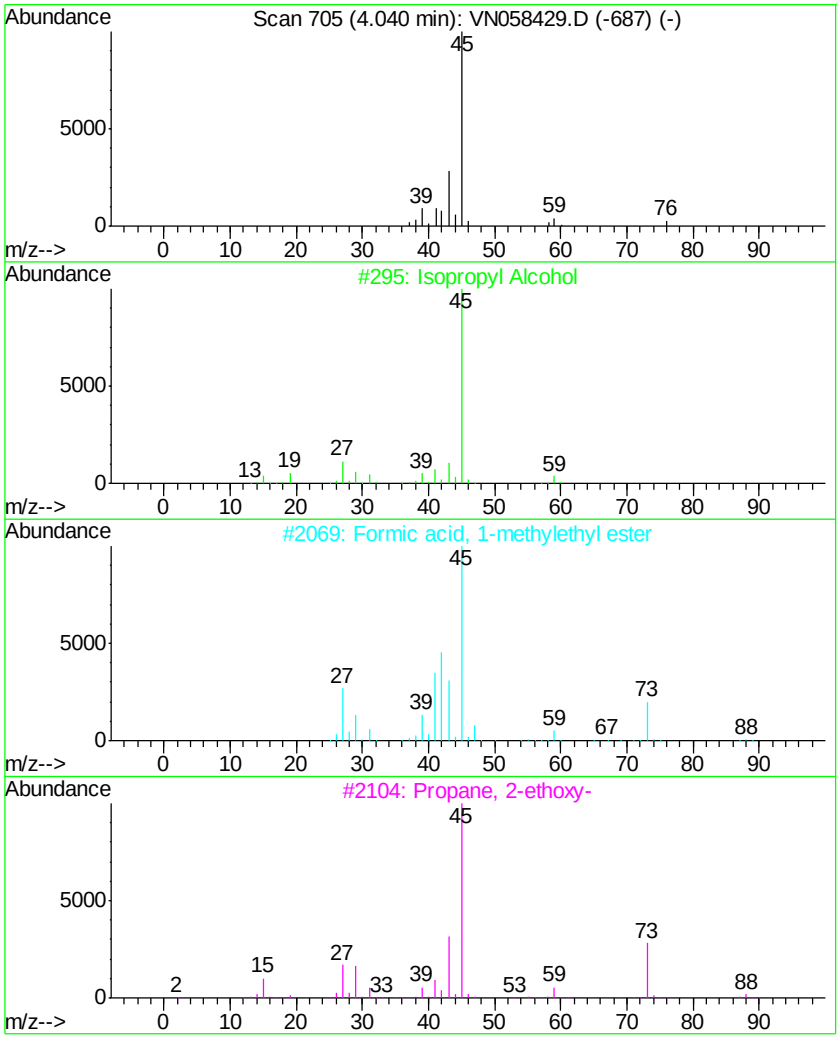
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

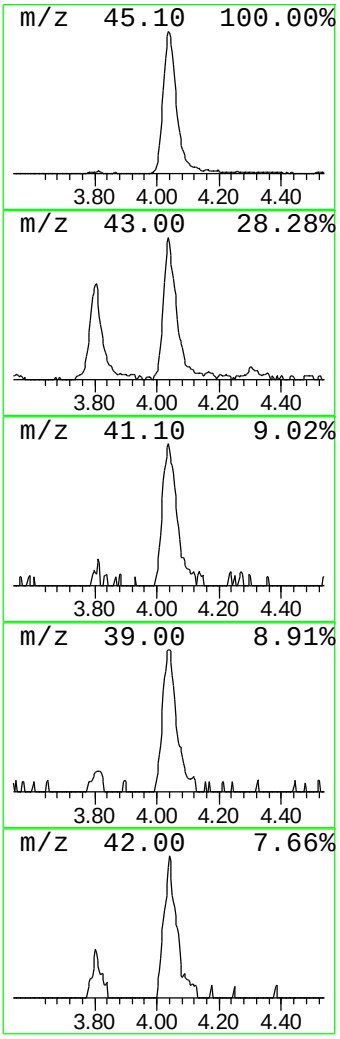
**********

Peak Number 1 Isopropyl Alcohol Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.04 | 5.20 ug/l | 139449 | Pentafluorobenzene | 7.65 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 78 |
| 2 | Formic acid, 1-methylethyl ester | 88 | C4H8O2 | 000625-55-8 | 40 |
| 3 | Propane, 2-ethoxy- | 88 | C5H12O | 000625-54-7 | 9 |
| 4 | 2-Propanone, 1-methoxy- | 88 | C4H8O2 | 005878-19-3 | 9 |
| 5 | Hydrazine, 1,2-dimethyl- | 60 | C2H8N2 | 000540-73-8 | 9 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN093019\
Data File : VN058429.D
Acq On : 30 Sep 2019 12:59
Operator : JC/SP
Sample : K5080-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** SA-MW132S-20190924

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
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 |
| Isopropyl Alcohol | 4.04 | 5.2 | ug/l | 139449 | 1 | 7.65 | 1341180 | 50.0 |