LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091123\
Data File : VN079213.D
Acq On : 11 Sep 2023 12:40
Operator : JC\MD
Sample : 04376-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
002-35TH-AVE(SEP)

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\624N090723W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN079213.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.289 | 52 | 57 | 65 | rBV | 10665 | 25474 | 5.22% | 1.118% |
| 2 | 2.818 | 142 | 147 | 153 | rVB4 | 4529 | 9340 | 1.91% | 0.410% |
| 3 | 4.436 | 411 | 422 | 435 | rBV | 49598 | 147532 | 30.24% | 6.473% |
| 4 | 4.724 | 460 | 471 | 483 | rBV | 19930 | 65861 | 13.50% | 2.889% |
| 5 | 5.524 | 600 | 607 | 620 | rBV3 | 9619 | 29021 | 5.95% | 1.273% |
| 6 | 7.494 | 936 | 942 | 953 | rVB2 | 4288 | 11952 | 2.45% | 0.524% |
| 7 | 7.818 | 988 | 997 | 1011 | rVB | 68171 | 167894 | 34.41% | 7.366% |
| 8 | 8.583 | 1119 | 1127 | 1142 | rBV2 | 67300 | 153901 | 31.54% | 6.752% |
| 9 | 9.106 | 1208 | 1216 | 1226 | rBV | 143090 | 286280 | 58.67% | 12.560% |
| 10 | 10.453 | 1439 | 1445 | 1451 | rBV | 2993 | 5221 | 1.07% | 0.229% |
| 11 | 10.571 | 1456 | 1465 | 1470 | rVV | 208163 | 379569 | 77.79% | 16.652% |
| 12 | 10.635 | 1470 | 1476 | 1490 | rVV | 250210 | 487931 | 100.00% | 21.406% |
| 13 | 11.871 | 1677 | 1686 | 1700 | rVB | 177348 | 316799 | 64.93% | 13.899% |
| 14 | 12.853 | 1846 | 1853 | 1864 | rVB | 100497 | 176857 | 36.25% | 7.759% |
| 15 | 13.576 | 1970 | 1976 | 1982 | rVB4 | 3314 | 7515 | 1.54% | 0.330% |
| 16 | 13.723 | 1997 | 2001 | 2007 | rBV2 | 4669 | 8215 | 1.68% | 0.360% |

Sum of corrected areas: 2279362

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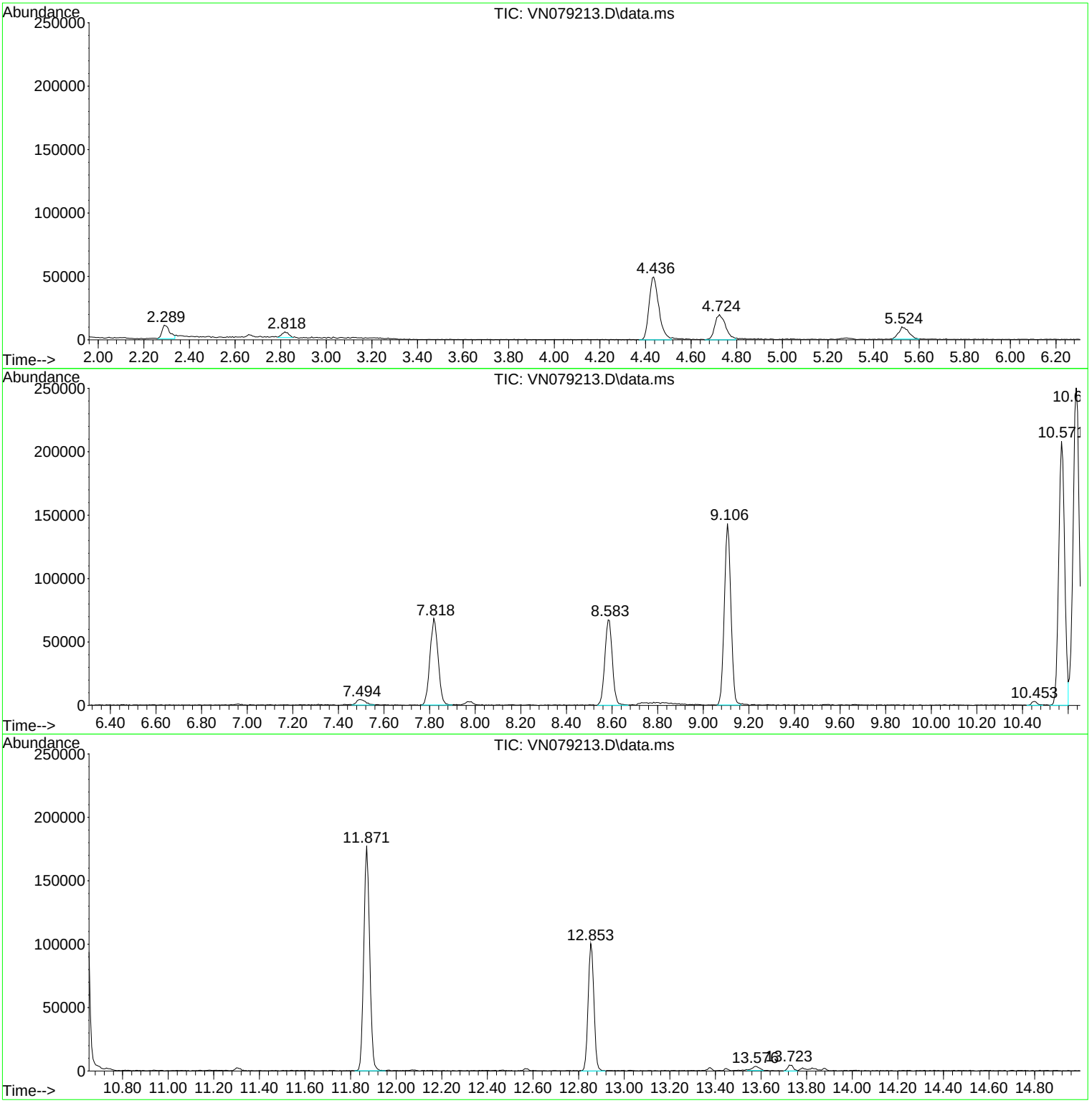
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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002-35TH-AVE(SEP)

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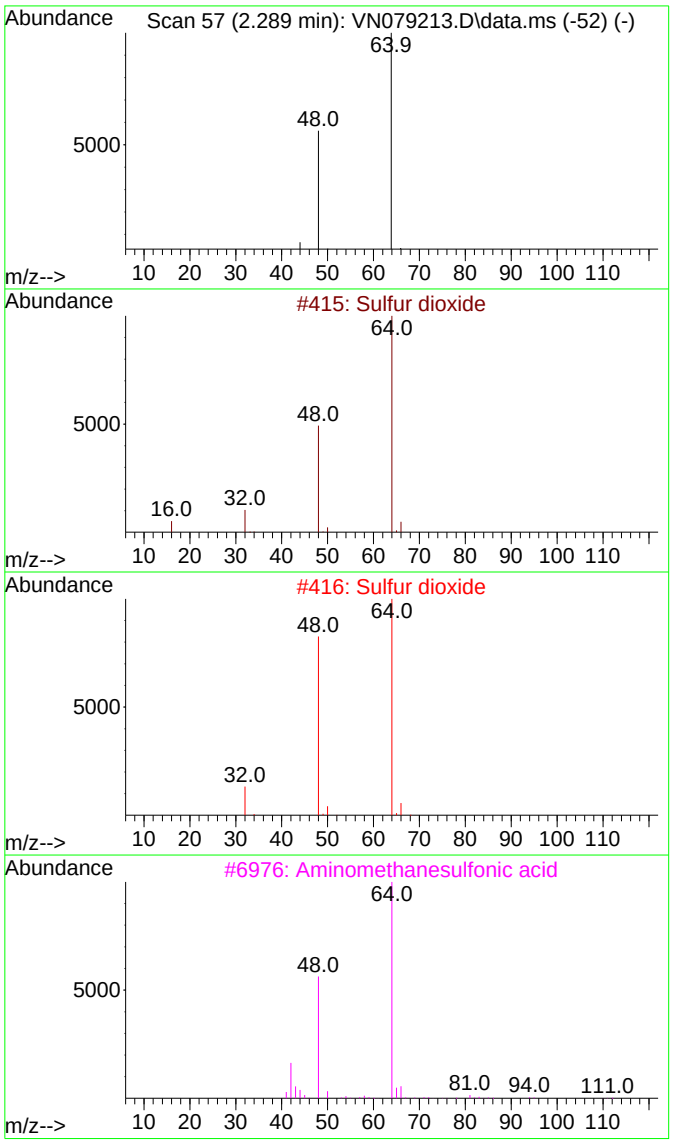
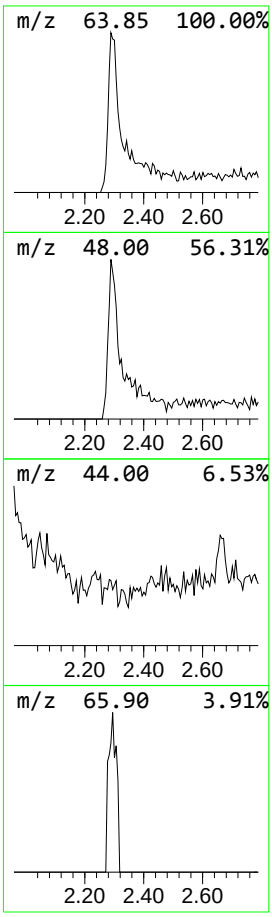
**********
Peak Number 1 Sulfur dioxide Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.289 | 4.55 ug/l | 25474 | Bromochloromethane | 7.818 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Sulfur dioxide | 64 | O2S | 007446-09-5 | 74 |
| 2 | Sulfur dioxide | 64 | O2S | 007446-09-5 | 74 |
| 3 | Aminomethanesulfonic acid | 111 | CH5NO3S | 013881-91-9 | 9 |
| 4 | Ethene, 1,1-difluoro- | 64 | C2H2F2 | 000075-38-7 | 4 |
| 5 | Aminomethanesulfonic acid | 111 | CH5NO3S | 013881-91-9 | 4 |



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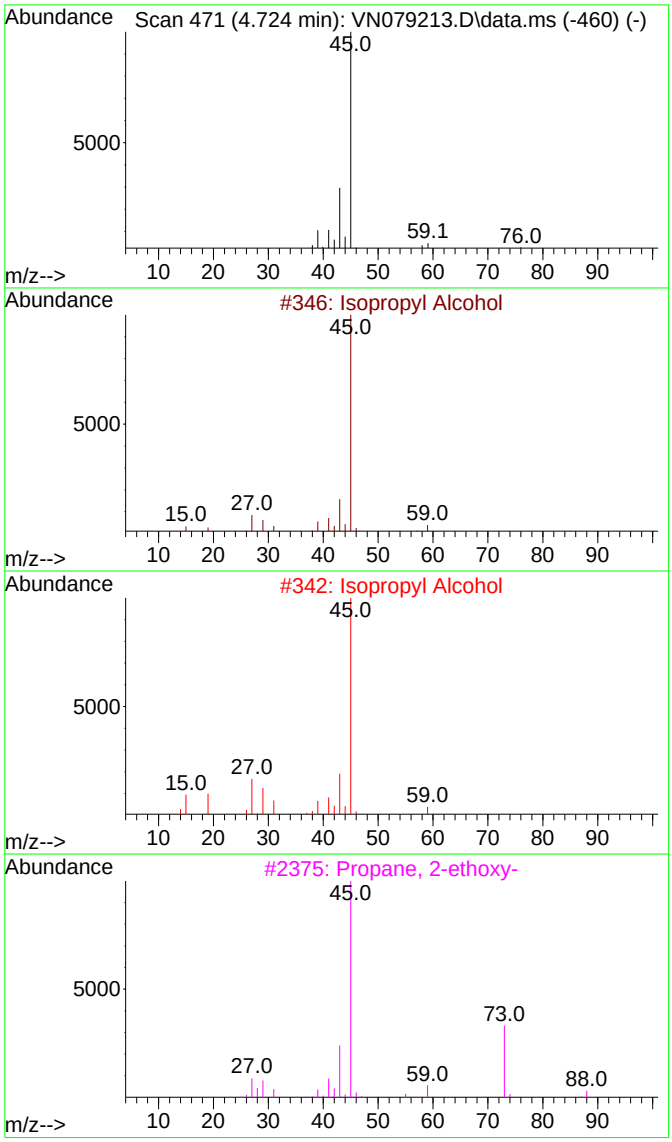
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

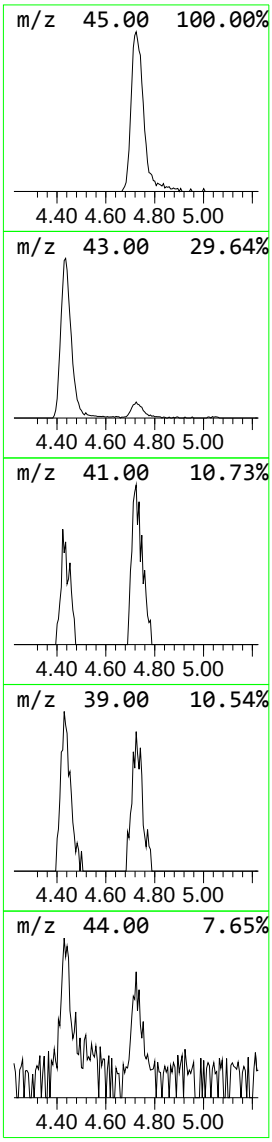
**********

Peak Number 2 Isopropyl Alcohol Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.724 | 11.77 ug/l | 65861 | Bromochloromethane | 7.818 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 56 |
| 2 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 40 |
| 3 | Propane, 2-ethoxy- | 88 | C5H12O | 000625-54-7 | 40 |
| 4 | Propane, 2-ethoxy- | 88 | C5H12O | 000625-54-7 | 40 |
| 5 | 2-Pentanol | 88 | C5H12O | 006032-29-7 | 9 |



Tentatively Identified Compound (LSC) summary

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Sulfur dioxide | 2.289 | 4.5 | ug/l | 25474 | 1 | 7.818 | 167894 | 30.0 |
| Isopropyl Alcohol | 4.724 | 11.8 | ug/l | 65861 | 1 | 7.818 | 167894 | 30.0 |