LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060221\
Data File : VD069311.D
Acq On : 02 Jun 2021 19:47
Operator : VA/SY
Sample : M2580-11
Misc : 8.78G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** 18-B4(2-4)

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_D\Method\82D060121S.M
Title : SW846 8260

Signal : TIC: VD069311.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.950 | 3 | 5 | 14 | rVB2 | 88848 | 107988 | 5.50% | 0.951% |
| 2 | 2.167 | 39 | 42 | 46 | rVB | 18327 | 23773 | 1.21% | 0.209% |
| 3 | 2.320 | 62 | 68 | 80 | rBV2 | 131422 | 224231 | 11.41% | 1.974% |
| 4 | 4.161 | 369 | 381 | 392 | rBV2 | 30924 | 93110 | 4.74% | 0.820% |
| 5 | 4.414 | 414 | 424 | 436 | rBV2 | 27796 | 79712 | 4.06% | 0.702% |
| 6 | 4.967 | 508 | 518 | 524 | rBV4 | 9567 | 29914 | 1.52% | 0.263% |
| 7 | 7.208 | 894 | 899 | 910 | rVB3 | 10277 | 27569 | 1.40% | 0.243% |
| 8 | 7.914 | 1008 | 1019 | 1025 | rBV | 294957 | 716621 | 36.48% | 6.308% |
| 9 | 7.979 | 1025 | 1030 | 1044 | rVB | 378780 | 833256 | 42.41% | 7.335% |
| 10 | 8.332 | 1080 | 1090 | 1102 | rBV | 252591 | 581992 | 29.62% | 5.123% |
| 11 | 8.867 | 1170 | 1181 | 1193 | rBV | 645454 | 1343779 | 68.40% | 11.828% |
| 12 | 10.337 | 1424 | 1431 | 1440 | rBV | 1100182 | 1964683 | 100.00% | 17.294% |
| 13 | 11.643 | 1645 | 1653 | 1663 | rVB | 971586 | 1671078 | 85.06% | 14.709% |
| 14 | 12.349 | 1767 | 1773 | 1778 | rBV6 | 10163 | 22278 | 1.13% | 0.196% |
| 15 | 12.484 | 1790 | 1796 | 1801 | rBV2 | 29758 | 51582 | 2.63% | 0.454% |
| 16 | 12.625 | 1812 | 1820 | 1831 | rVB | 1135612 | 1889572 | 96.18% | 16.633% |
| 17 | 12.896 | 1856 | 1866 | 1869 | rBV8 | 11085 | 23203 | 1.18% | 0.204% |
| 18 | 12.943 | 1869 | 1874 | 1884 | rVB7 | 17556 | 41908 | 2.13% | 0.369% |
| 19 | 13.278 | 1927 | 1931 | 1941 | rVB10 | 11510 | 32778 | 1.67% | 0.289% |
| 20 | 13.567 | 1972 | 1980 | 1988 | rBV | 908344 | 1485820 | 75.63% | 13.079% |
| 21 | 13.890 | 2029 | 2035 | 2039 | rBV6 | 13921 | 22485 | 1.14% | 0.198% |
| 22 | 14.090 | 2064 | 2069 | 2077 | rVB4 | 22241 | 38720 | 1.97% | 0.341% |
| 23 | 14.814 | 2185 | 2192 | 2198 | rBV8 | 7929 | 20388 | 1.04% | 0.179% |
| 24 | 15.390 | 2285 | 2290 | 2295 | rVB2 | 19599 | 34228 | 1.74% | 0.301% |

Sum of corrected areas: 11360668

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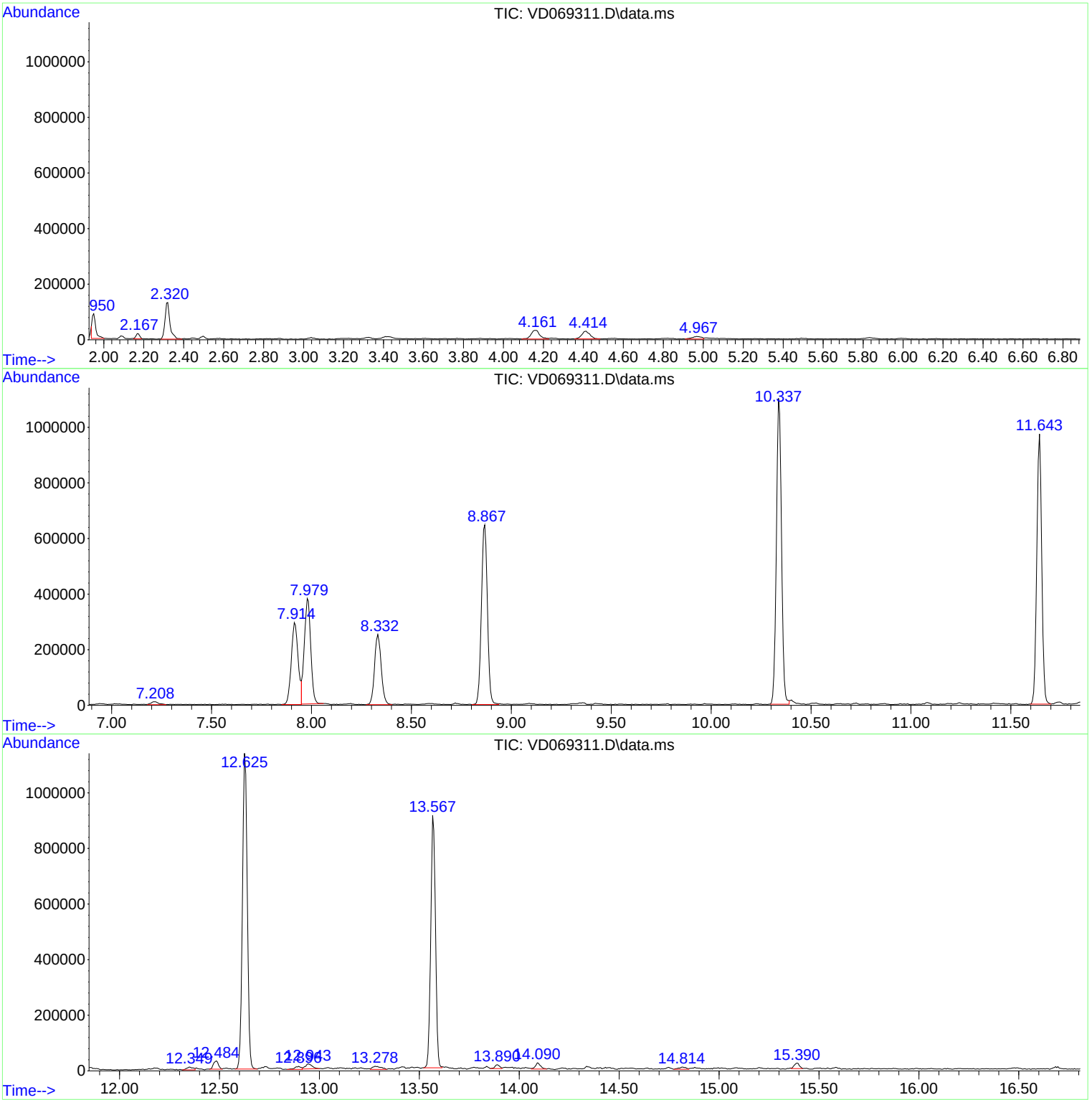
MSVOA_D
**ClientSampleId :**
18-B4(2-4)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260

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



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18-B4(2-4)

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Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
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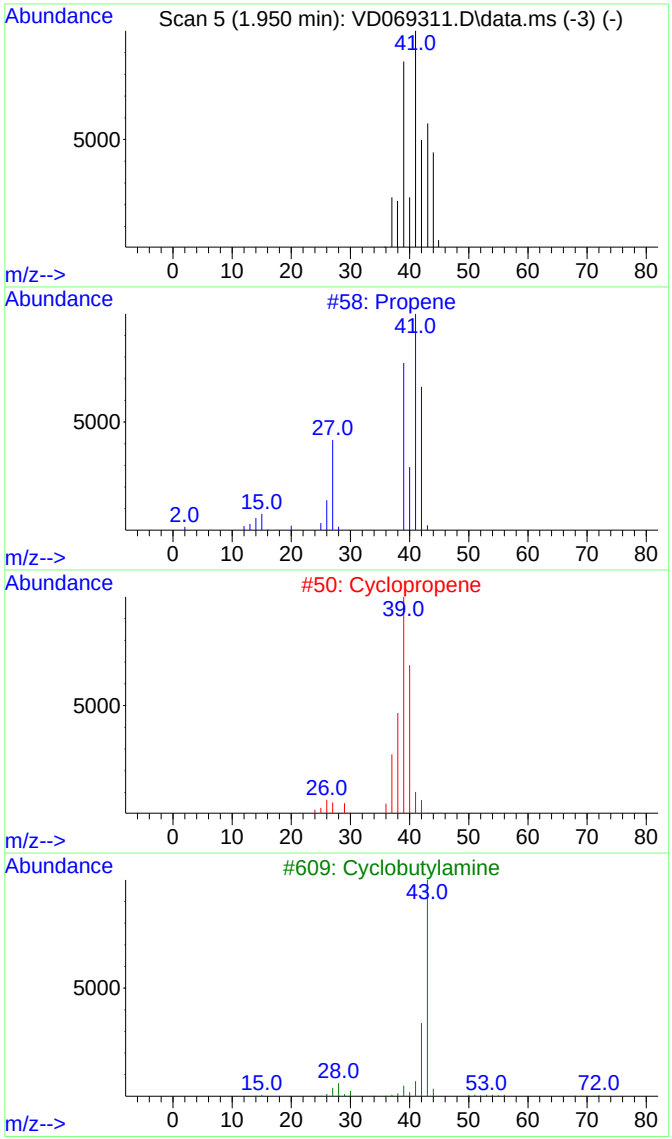
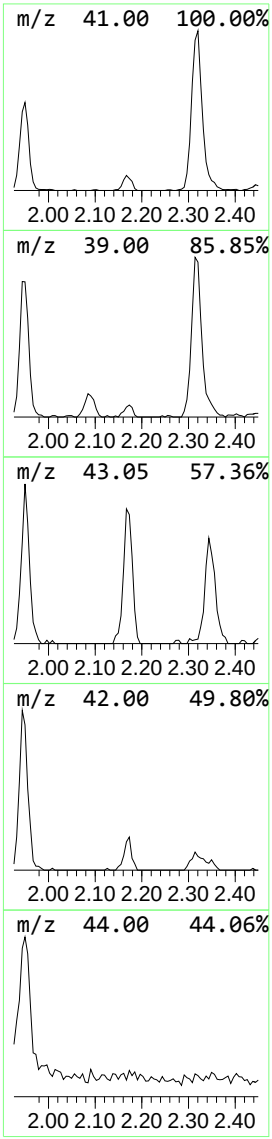
**********
Peak Number 1 unknown1.950 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.950 | 6.48 ug/l | 107988 | Pentafluorobenzene | 7.979 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propene | 42 | C3H6 | 000115-07-1 | 40 |
| 2 | Cyclopropene | 40 | C3H4 | 002781-85-3 | 4 |
| 3 | Cyclobutylamine | 71 | C4H9N | 002516-34-9 | 2 |
| 4 | 1-Octanamine | 129 | C8H19N | 000111-86-4 | 2 |
| 5 | Pyrimidine-2,4(1H,3H)-dione, 5-a... | 156 | C4H4N4O3 | 1000270-67-7 | 1 |



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MSVOA_D
**ClientSampleId :**
18-B4(2-4)

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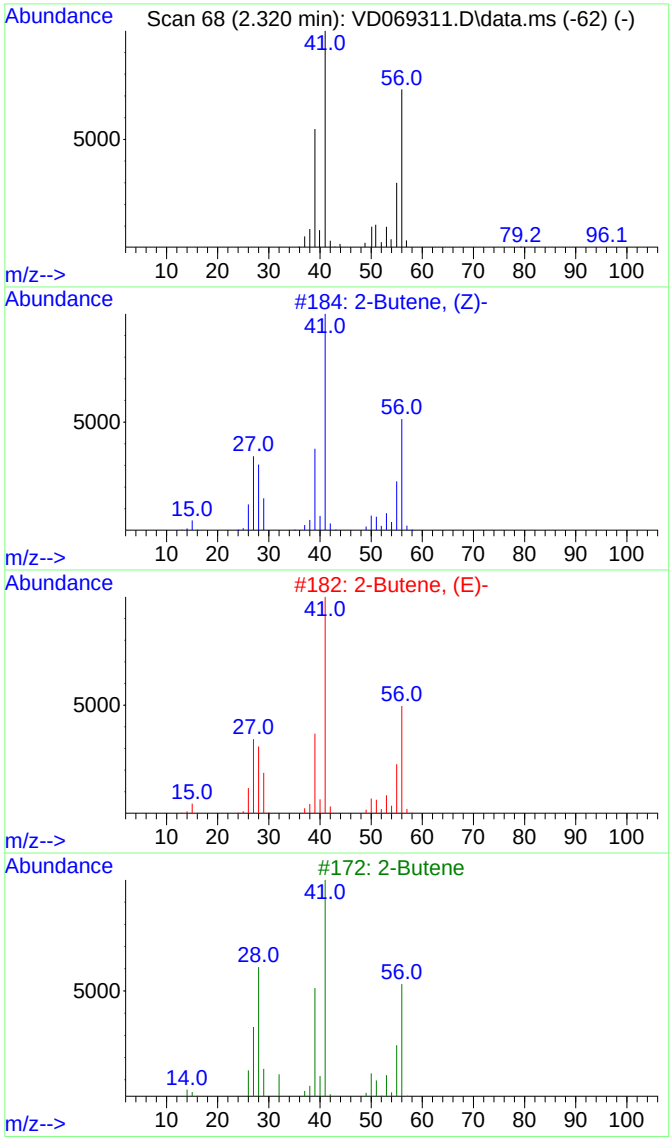
Quant Title : SW846 8260

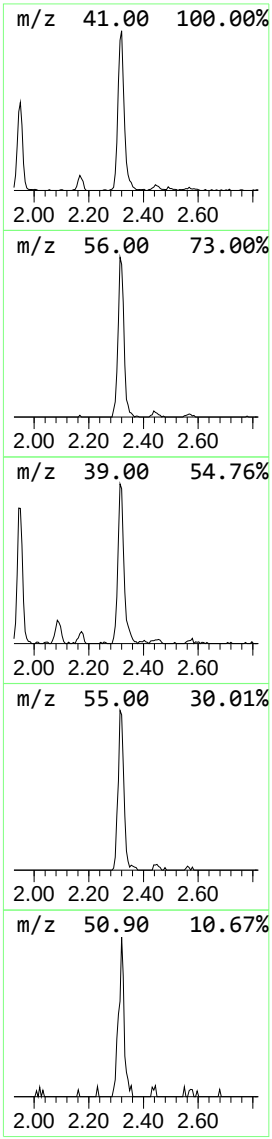
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 2-Butene, (Z)- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.320 | 13.46 ug/l | 224231 | Pentafluorobenzene | 7.979 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Butene, (Z)- | 56 | C4H8 | 000590-18-1 | 74 |
| 2 | 2-Butene, (E)- | 56 | C4H8 | 000624-64-6 | 64 |
| 3 | 2-Butene | 56 | C4H8 | 000107-01-7 | 64 |
| 4 | 1-Butene | 56 | C4H8 | 000106-98-9 | 58 |
| 5 | 1-Propene, 2-methyl- | 56 | C4H8 | 000115-11-7 | 58 |



Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| unknown1.950 | 1.950 | 6.5 | ug/l | 107988 | 1 | 7.979 | 833256 | 50.0 |
| 2-Butene, (Z)- | 2.320 | 13.5 | ug/l | 224231 | 1 | 7.979 | 833256 | 50.0 |