LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071520\
Data File : VV017504.D
Acq On : 15 Jul 2020 12:08
Operator : SY/MD
Sample : L3281-18
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** GAXX8

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_V\METHOD\SOMVTR071420WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.116 | 3 | 8 | 24 | rVB | 63733 | 64161 | 14.73% | 1.576% |
| 2 | 1.225 | 36 | 42 | 49 | rBV | 18942 | 18024 | 4.14% | 0.443% |
| 3 | 1.315 | 61 | 70 | 82 | rVB2 | 85848 | 97710 | 22.44% | 2.400% |
| 4 | 1.579 | 142 | 152 | 160 | rBV | 54357 | 63220 | 14.52% | 1.553% |
| 5 | 1.647 | 165 | 173 | 181 | rBV3 | 14511 | 19851 | 4.56% | 0.488% |
| 6 | 1.785 | 210 | 216 | 221 | rBV6 | 3582 | 4577 | 1.05% | 0.112% |
| 7 | 1.820 | 221 | 227 | 238 | rVB7 | 6583 | 11165 | 2.56% | 0.274% |
| 8 | 2.126 | 312 | 322 | 337 | rBV | 107934 | 162857 | 37.40% | 4.001% |
| 9 | 2.312 | 374 | 380 | 388 | rBV | 5834 | 8948 | 2.05% | 0.220% |
| 10 | 2.528 | 439 | 447 | 456 | rBV6 | 4437 | 8217 | 1.89% | 0.202% |
| 11 | 3.923 | 868 | 881 | 915 | rBV2 | 46901 | 152097 | 34.93% | 3.736% |
| 12 | 4.380 | 1006 | 1023 | 1044 | rBV2 | 81727 | 206635 | 47.45% | 5.076% |
| 13 | 5.074 | 1222 | 1239 | 1260 | rBV2 | 175605 | 435435 | 100.00% | 10.697% |
| 14 | 5.643 | 1402 | 1416 | 1441 | rBV | 171900 | 355944 | 81.74% | 8.744% |
| 15 | 6.097 | 1543 | 1557 | 1574 | rBV2 | 98788 | 201115 | 46.19% | 4.941% |
| 16 | 7.010 | 1827 | 1841 | 1860 | rBV | 52676 | 99955 | 22.96% | 2.455% |
| 17 | 7.338 | 1931 | 1943 | 1958 | rBV | 210929 | 364068 | 83.61% | 8.944% |
| 18 | 7.415 | 1960 | 1967 | 1977 | rVB3 | 8807 | 15485 | 3.56% | 0.380% |
| 19 | 7.646 | 2029 | 2039 | 2053 | rBV | 32181 | 58851 | 13.52% | 1.446% |
| 20 | 8.109 | 2172 | 2183 | 2215 | rBV | 192465 | 359491 | 82.56% | 8.831% |
| 21 | 8.875 | 2409 | 2421 | 2438 | rBV | 262247 | 433802 | 99.62% | 10.657% |
| 22 | 9.039 | 2464 | 2472 | 2482 | rBV2 | 5135 | 8172 | 1.88% | 0.201% |
| 23 | 9.164 | 2503 | 2511 | 2515 | rBV6 | 3088 | 4598 | 1.06% | 0.113% |
| 24 | 10.238 | 2835 | 2845 | 2860 | rBV2 | 68125 | 110841 | 25.46% | 2.723% |
| 25 | 11.270 | 3155 | 3166 | 3182 | rBV | 272202 | 429113 | 98.55% | 10.542% |
| 26 | 11.563 | 3248 | 3257 | 3266 | rBV7 | 4063 | 7459 | 1.71% | 0.183% |
| 27 | 11.646 | 3272 | 3283 | 3298 | rBV | 232619 | 360259 | 82.74% | 8.850% |
| 28 | 12.370 | 3500 | 3508 | 3517 | rBV10 | 5249 | 8647 | 1.99% | 0.212% |

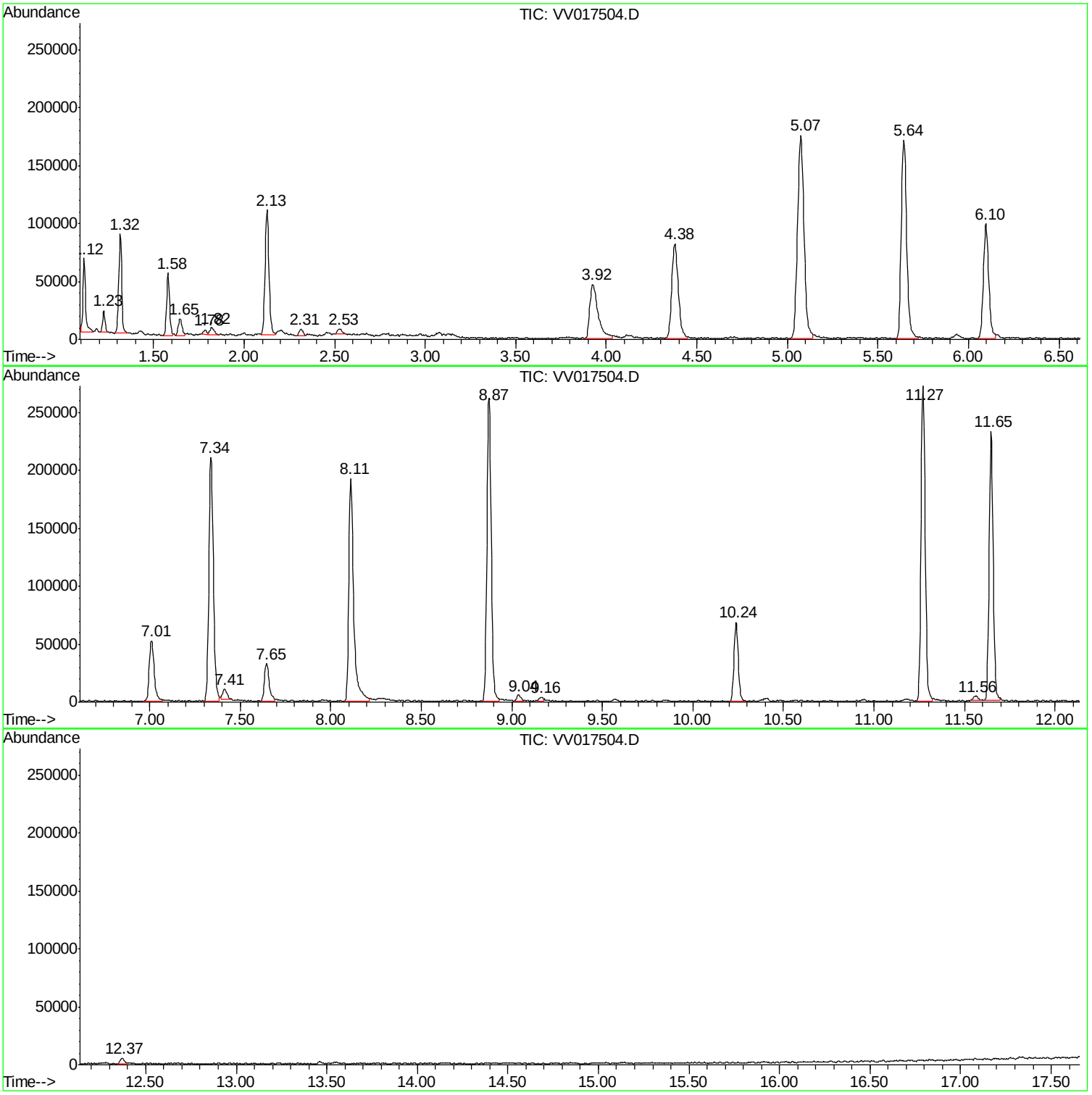
Sum of corrected areas: 4070697

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071520\
Data File : VV017504.D
Acq On : 15 Jul 2020 12:08
Operator : SY/MD
Sample : L3281-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** GAXX8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071520\
Data File : VV017504.D
Acq On : 15 Jul 2020 12:08
Operator : SY/MD
Sample : L3281-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** GAXX8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
Quant Title : TRACE VOA SOM01.0

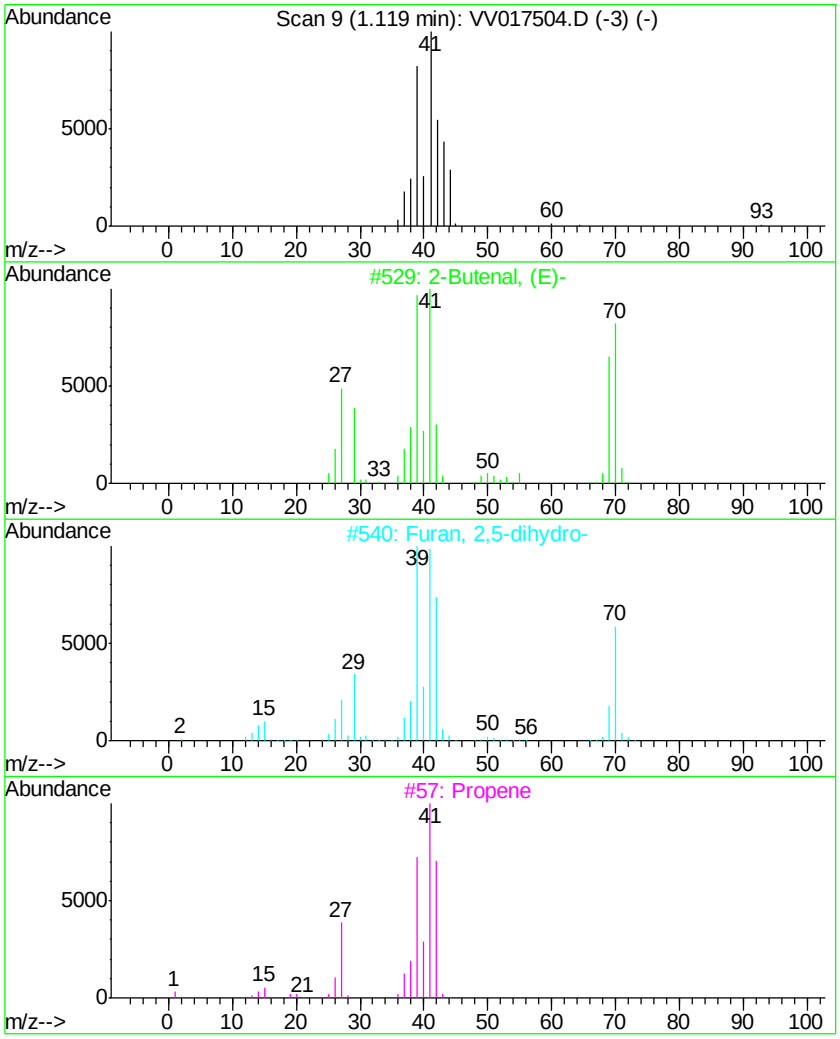
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

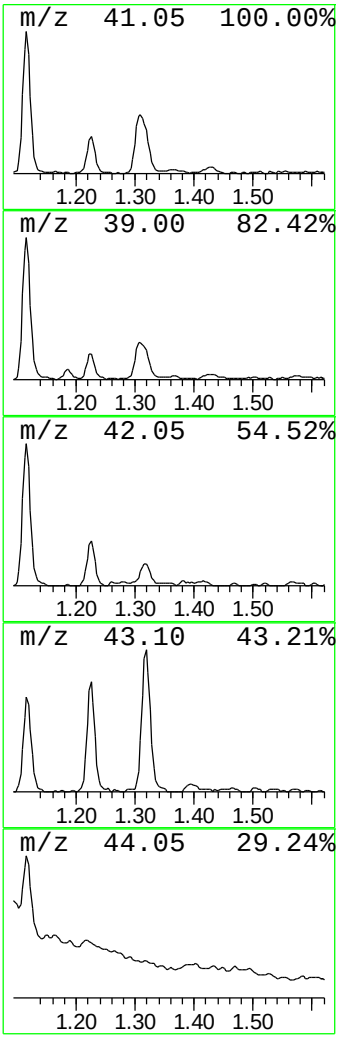
**********

Peak Number 1 2-Butenal, (E)- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.12 | 0.90 ug/L | 64161 | 1,4-Difluorobenzene | 5.64 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Butenal, (E)- | 70 | C4H6O | 000123-73-9 | 78 |
| 2 | Furan, 2,5-dihydro- | 70 | C4H6O | 001708-29-8 | 64 |
| 3 | Propene | 42 | C3H6 | 000115-07-1 | 64 |
| 4 | Cyclopropanecarboxylic acid | 86 | C4H6O2 | 001759-53-1 | 64 |
| 5 | Dimethylketene | 70 | C4H6O | 000598-26-5 | 43 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071520\
Data File : VV017504.D
Acq On : 15 Jul 2020 12:08
Operator : SY/MD
Sample : L3281-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** GAXX8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
Quant Title : TRACE VOA SOM01.0

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Butenal, (E)- | 1.12 | 0.9 | ug/L | 64161 | 1 | 5.64 | 355944 | 5.0 |