LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072020\
Data File : VN062558.D
Acq On : 20 Jul 2020 13:41
Operator : JC/MD
Sample : L3331-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** 001-WILLETS-PT-BLVD-(JULY)

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\624N071320W.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 | 3.777 | 598 | 623 | 670 | rBV | 940733 | 2491314 | 100.00% | 34.731% |
| 2 | 4.021 | 681 | 699 | 735 | rBV | 315089 | 891369 | 35.78% | 12.426% |
| 3 | 6.796 | 1549 | 1562 | 1587 | rBV2 | 9413 | 25541 | 1.03% | 0.356% |
| 4 | 7.153 | 1654 | 1673 | 1696 | rBV2 | 106111 | 292880 | 11.76% | 4.083% |
| 5 | 7.989 | 1913 | 1933 | 1956 | rBV | 112070 | 264998 | 10.64% | 3.694% |
| 6 | 8.551 | 2093 | 2108 | 2129 | rBV | 235293 | 492458 | 19.77% | 6.865% |
| 7 | 9.956 | 2532 | 2545 | 2555 | rBV3 | 14393 | 27174 | 1.09% | 0.379% |
| 8 | 10.059 | 2562 | 2577 | 2588 | rBV | 373434 | 687058 | 27.58% | 9.578% |
| 9 | 10.124 | 2588 | 2597 | 2620 | rVV | 356086 | 667263 | 26.78% | 9.302% |
| 10 | 11.381 | 2974 | 2988 | 3006 | rBV | 329876 | 583671 | 23.43% | 8.137% |
| 11 | 12.111 | 3203 | 3215 | 3229 | rBV5 | 14941 | 27536 | 1.11% | 0.384% |
| 12 | 12.378 | 3286 | 3298 | 3318 | rBV | 228879 | 388165 | 15.58% | 5.411% |
| 13 | 12.918 | 3457 | 3466 | 3476 | rBV3 | 15813 | 26795 | 1.08% | 0.374% |
| 14 | 12.992 | 3477 | 3489 | 3503 | rVB3 | 13574 | 28311 | 1.14% | 0.395% |
| 15 | 13.114 | 3507 | 3527 | 3547 | rBV3 | 39291 | 105890 | 4.25% | 1.476% |
| 16 | 13.265 | 3564 | 3574 | 3583 | rBV2 | 24816 | 40876 | 1.64% | 0.570% |
| 17 | 13.378 | 3597 | 3609 | 3618 | rVV7 | 20816 | 51332 | 2.06% | 0.716% |
| 18 | 14.622 | 3985 | 3996 | 4008 | rBV2 | 48352 | 80588 | 3.23% | 1.123% |

Sum of corrected areas: 7173219

LSC Report - Integrated Chromatogram

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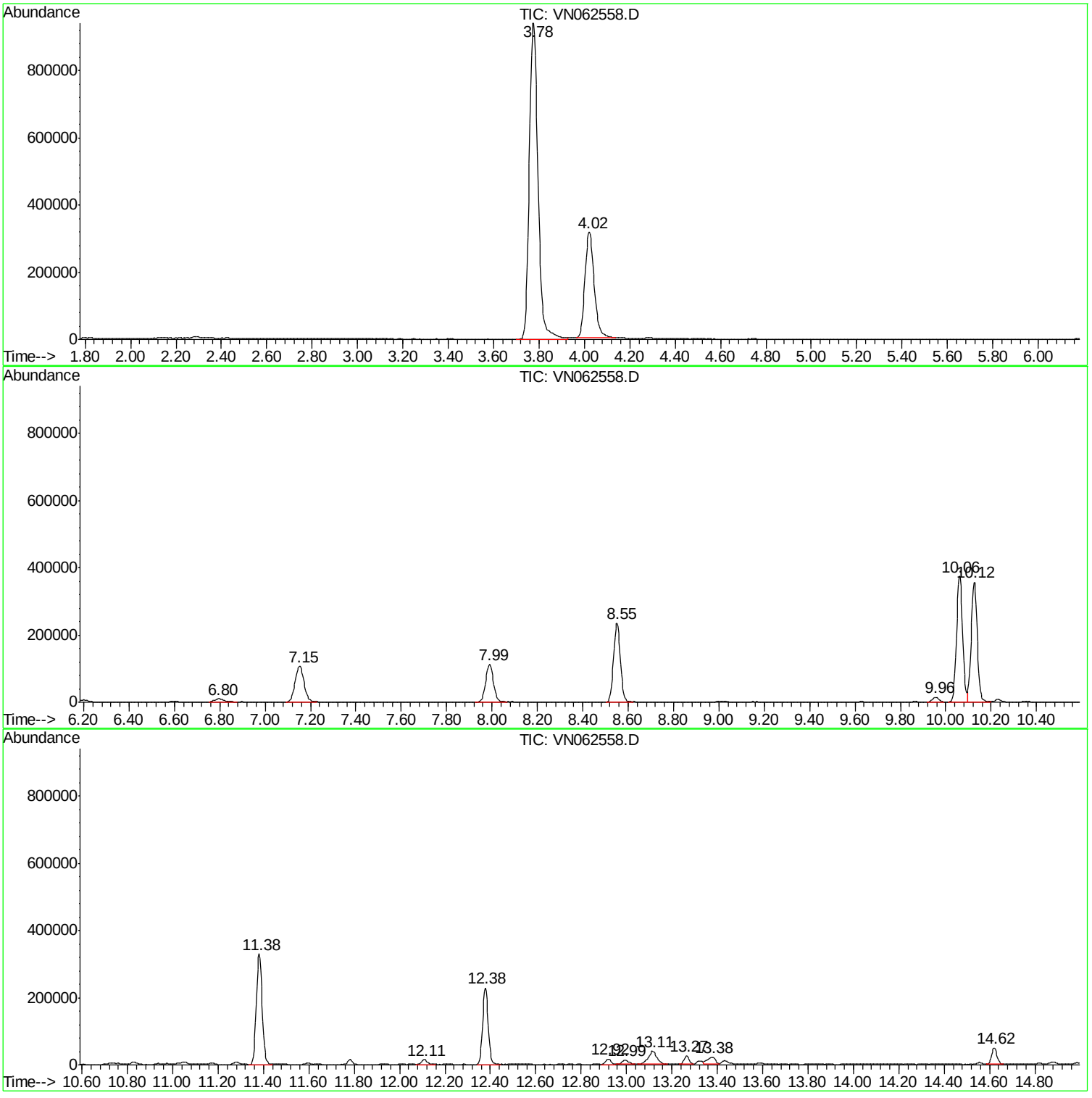
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

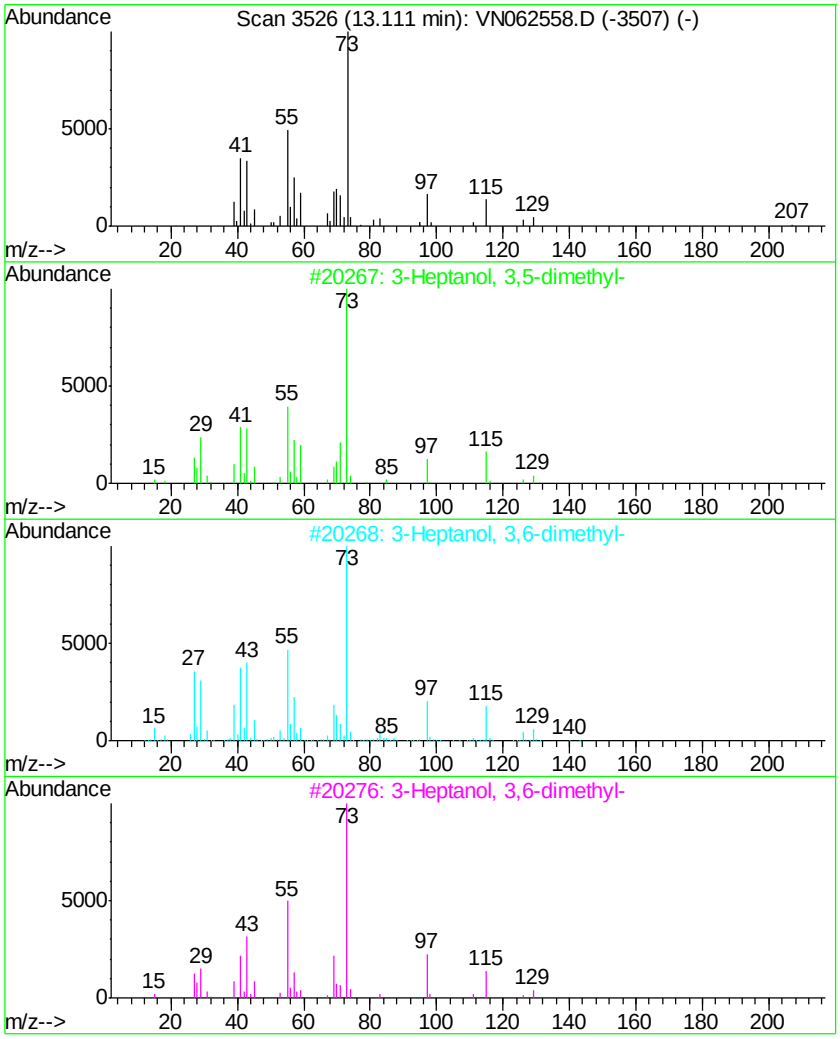
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

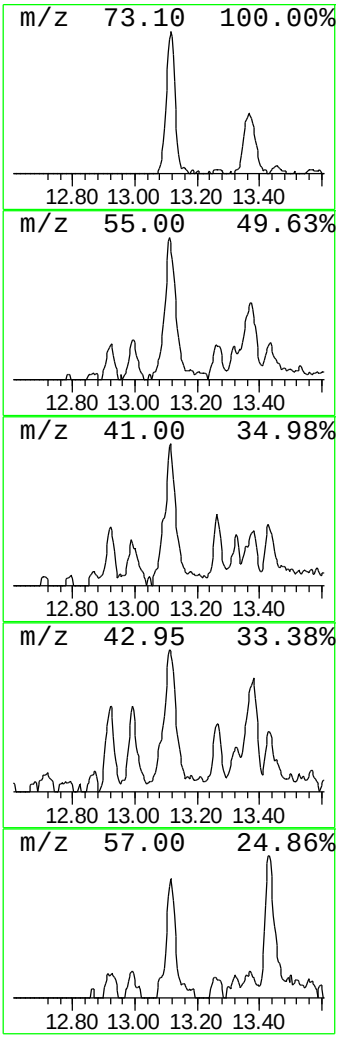
**********

Peak Number 1 3-Heptanol, 3,5-dimethyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.11 | 5.44 ug/l | 105890 | Chlorobenzene-d5 | 11.38 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Heptanol, 3,5-dimethyl- | 144 | C9H20O | 019549-74-7 | 78 |
| 2 | 3-Heptanol, 3,6-dimethyl- | 144 | C9H20O | 001573-28-0 | 59 |
| 3 | 3-Heptanol, 3,6-dimethyl- | 144 | C9H20O | 001573-28-0 | 53 |
| 4 | Sodium N-methyl dithiocarbamate | 129 | C2H4NNaS2 | 1000292-95-8 | 25 |
| 5 | 1,1,1,4-Tetramethyl-4-chloro-4-v... | 206 | C8H19ClSi2 | 102105-49-7 | 25 |



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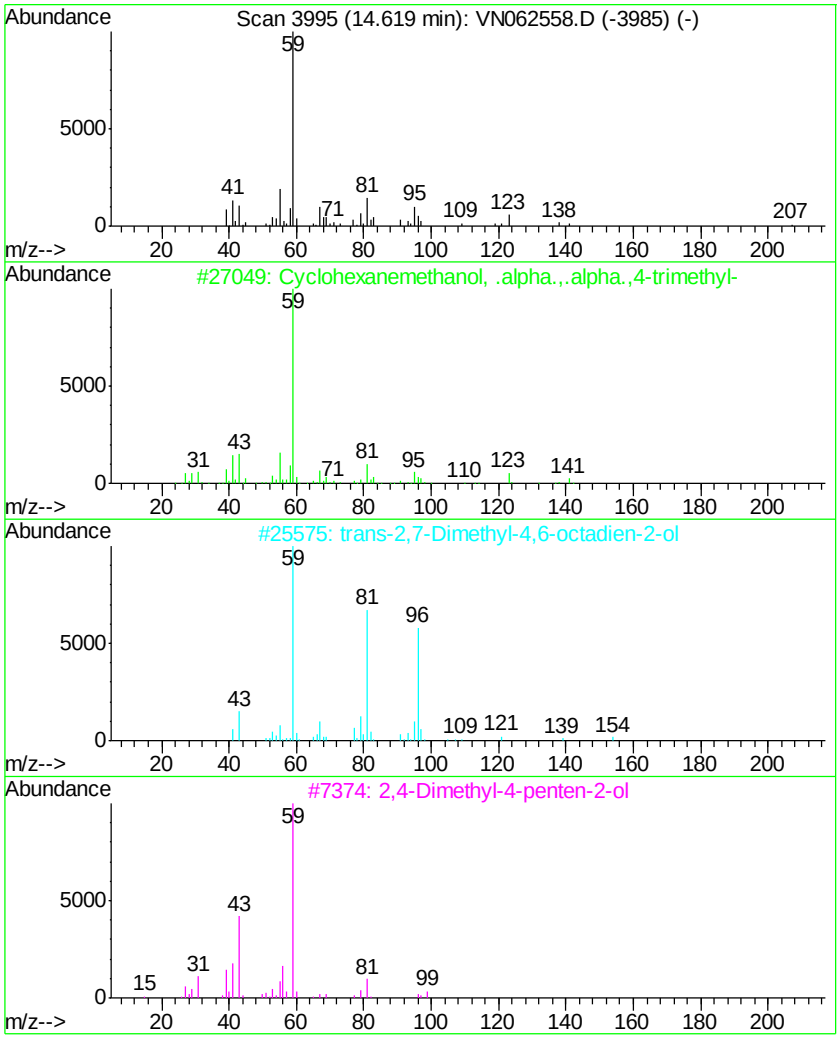
TIC Integration Parameters: LSCINT.P

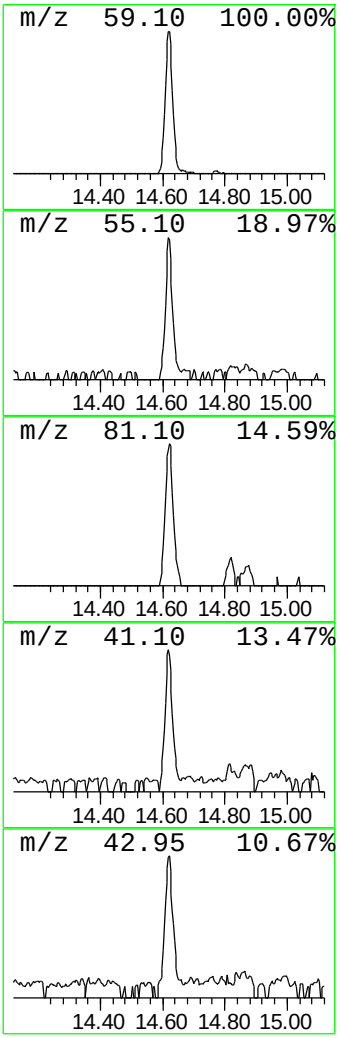
**********

Peak Number 2 Cyclohexanemethanol, .alpha... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.62 | 4.14 ug/l | 80588 | Chlorobenzene-d5 | 11.38 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexanemethanol, .alpha.,.al... | 156 | C10H20O | 000498-81-7 | 83 |
| 2 | trans-2,7-Dimethyl-4,6-octadien-... | 154 | C10H18O | 1000281-69-5 | 59 |
| 3 | 2,4-Dimethyl-4-penten-2-ol | 114 | C7H14O | 019781-53-4 | 53 |
| 4 | Cyclohexanemethanol, .alpha.,.al... | 156 | C10H20O | 000498-81-7 | 50 |
| 5 | Cyclohexanemethanol, .alpha.,.al... | 156 | C10H20O | 005114-00-1 | 50 |



Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 3-Heptanol, 3,5-d... | 13.11 | 5.4 | ug/l | 105890 | 3 | 11.38 | 583671 | 30.0 |
| Cyclohexanemethan... | 14.62 | 4.1 | ug/l | 80588 | 3 | 11.38 | 583671 | 30.0 |