LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
Data File : VV016298.D
Acq On : 29 May 2020 00:42
Operator : SY/MD
Sample : L2662-01
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 37 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** F9B03

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\SOMVTR052620WMA.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 | 20 | rVB | 73960 | 69255 | 1.02% | 0.309% |
| 2 | 1.319 | 61 | 71 | 80 | rBV2 | 166114 | 194599 | 2.86% | 0.869% |
| 3 | 2.126 | 313 | 322 | 336 | rBV2 | 78086 | 122525 | 1.80% | 0.547% |
| 4 | 2.779 | 514 | 525 | 546 | rVB | 76474 | 138300 | 2.03% | 0.618% |
| 5 | 3.939 | 867 | 886 | 930 | rBV | 1484592 | 3565225 | 52.33% | 15.928% |
| 6 | 4.380 | 1006 | 1023 | 1046 | rBV | 49828 | 126767 | 1.86% | 0.566% |
| 7 | 5.074 | 1223 | 1239 | 1249 | rBV2 | 118378 | 286507 | 4.21% | 1.280% |
| 8 | 5.158 | 1251 | 1265 | 1289 | rVB2 | 97215 | 286721 | 4.21% | 1.281% |
| 9 | 5.643 | 1401 | 1416 | 1435 | rBV | 110599 | 217803 | 3.20% | 0.973% |
| 10 | 5.939 | 1494 | 1508 | 1536 | rBV | 212532 | 408198 | 5.99% | 1.824% |
| 11 | 6.097 | 1544 | 1557 | 1575 | rBV | 66429 | 135949 | 2.00% | 0.607% |
| 12 | 7.338 | 1928 | 1943 | 1956 | rBV | 139573 | 239629 | 3.52% | 1.071% |
| 13 | 8.116 | 2170 | 2185 | 2214 | rBV | 152633 | 282413 | 4.15% | 1.262% |
| 14 | 8.875 | 2409 | 2421 | 2425 | rBV | 182588 | 287130 | 4.21% | 1.283% |
| 15 | 8.900 | 2425 | 2429 | 2444 | rVB | 227539 | 342967 | 5.03% | 1.532% |
| 16 | 10.241 | 2834 | 2846 | 2861 | rBV | 45433 | 73532 | 1.08% | 0.329% |
| 17 | 10.447 | 2890 | 2910 | 2938 | rBV | 4521619 | 6812522 | 100.00% | 30.436% |
| 18 | 11.270 | 3156 | 3166 | 3187 | rBV2 | 184680 | 399194 | 5.86% | 1.783% |
| 19 | 11.550 | 3235 | 3253 | 3272 | rBV | 261559 | 424456 | 6.23% | 1.896% |
| 20 | 11.662 | 3272 | 3288 | 3304 | rVV2 | 446101 | 873122 | 12.82% | 3.901% |
| 21 | 13.527 | 3854 | 3868 | 3893 | rBV | 4031815 | 6174270 | 90.63% | 27.585% |
| 22 | 13.646 | 3894 | 3905 | 3916 | rVB | 60174 | 92844 | 1.36% | 0.415% |
| 23 | 14.656 | 4208 | 4219 | 4235 | rBV | 285457 | 425788 | 6.25% | 1.902% |
| 24 | 14.839 | 4264 | 4276 | 4291 | rBV | 168988 | 257371 | 3.78% | 1.150% |
| 25 | 16.511 | 4785 | 4796 | 4814 | rBV | 92249 | 145736 | 2.14% | 0.651% |

Sum of corrected areas: 22382823

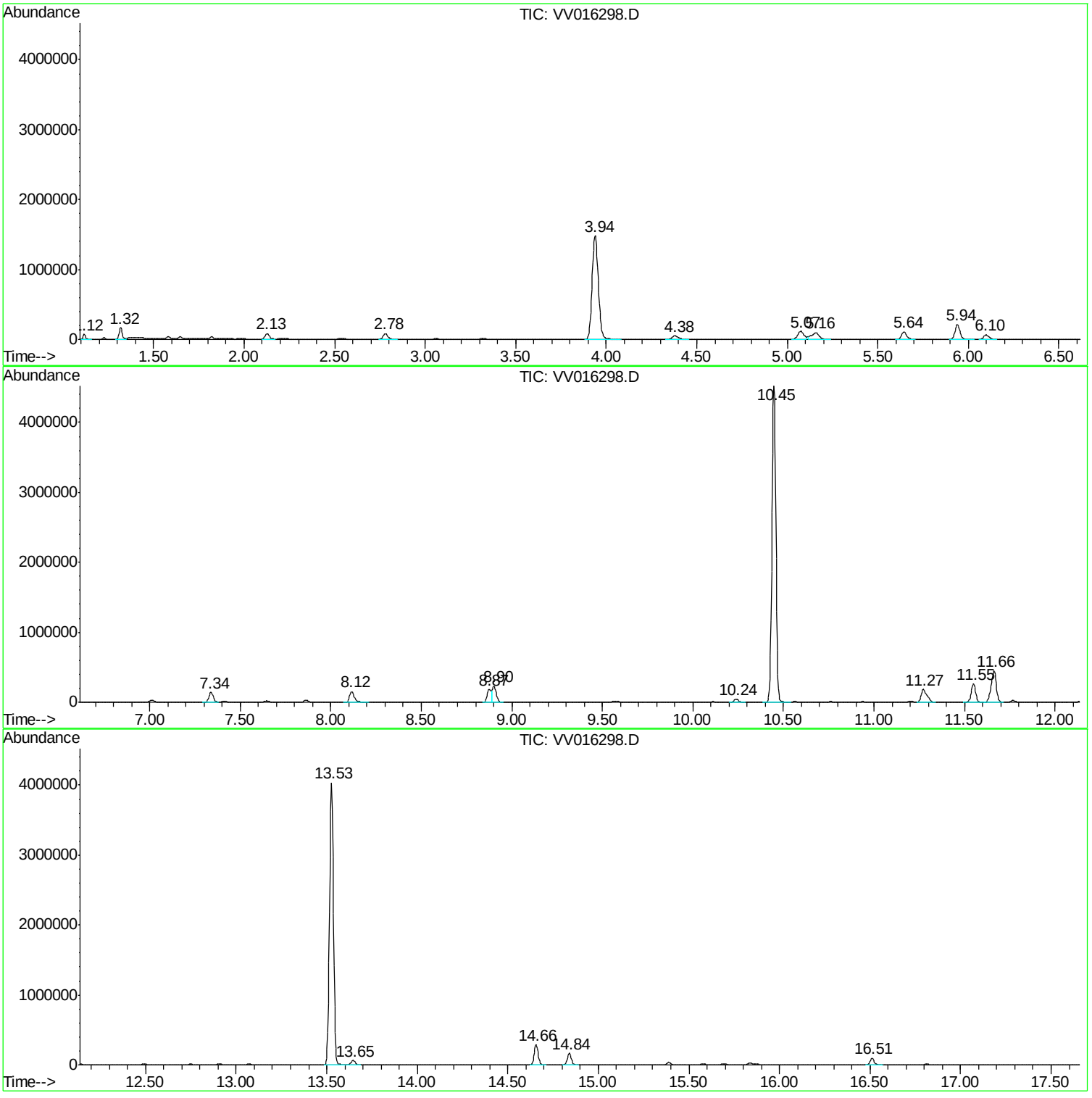
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
Data File : VV016298.D
Acq On : 29 May 2020 00:42
Operator : SY/MD
Sample : L2662-01
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 37 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** F9B03

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016298.D
Acq On : 29 May 2020 00:42
Operator : SY/MD
Sample : L2662-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** F9B03

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

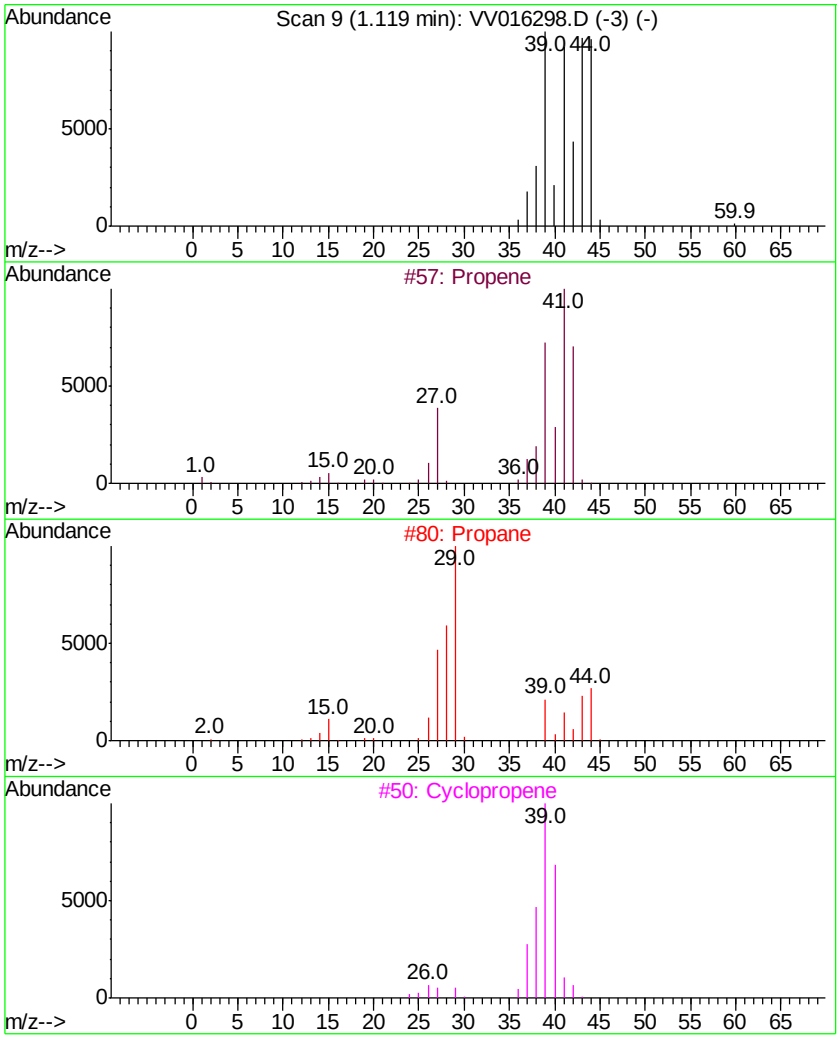
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

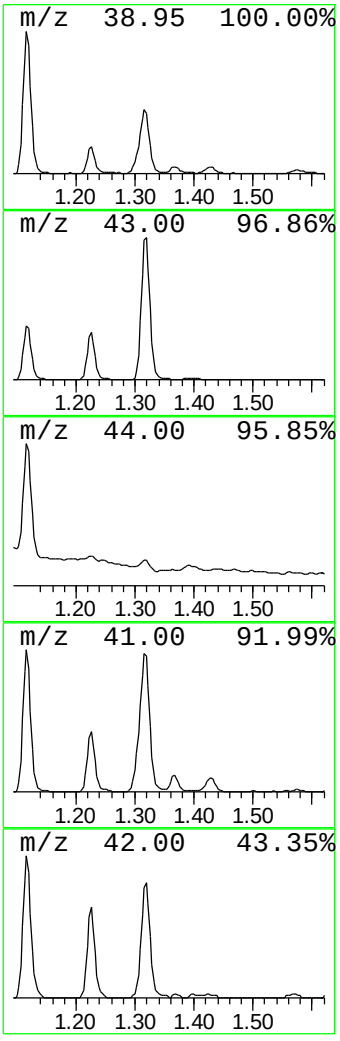
**********

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.12 | 1.59 ug/L | 69255 | 1,4-Difluorobenzene | 5.64 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propene | 42 | C3H6 | 000115-07-1 | 9 |
| 2 | Propane | 44 | C3H8 | 000074-98-6 | 4 |
| 3 | Cyclopropene | 40 | C3H4 | 002781-85-3 | 4 |
| 4 | Propane | 44 | C3H8 | 000074-98-6 | 4 |
| 5 | Propane | 44 | C3H8 | 000074-98-6 | 4 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016298.D
Acq On : 29 May 2020 00:42
Operator : SY/MD
Sample : L2662-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** F9B03

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

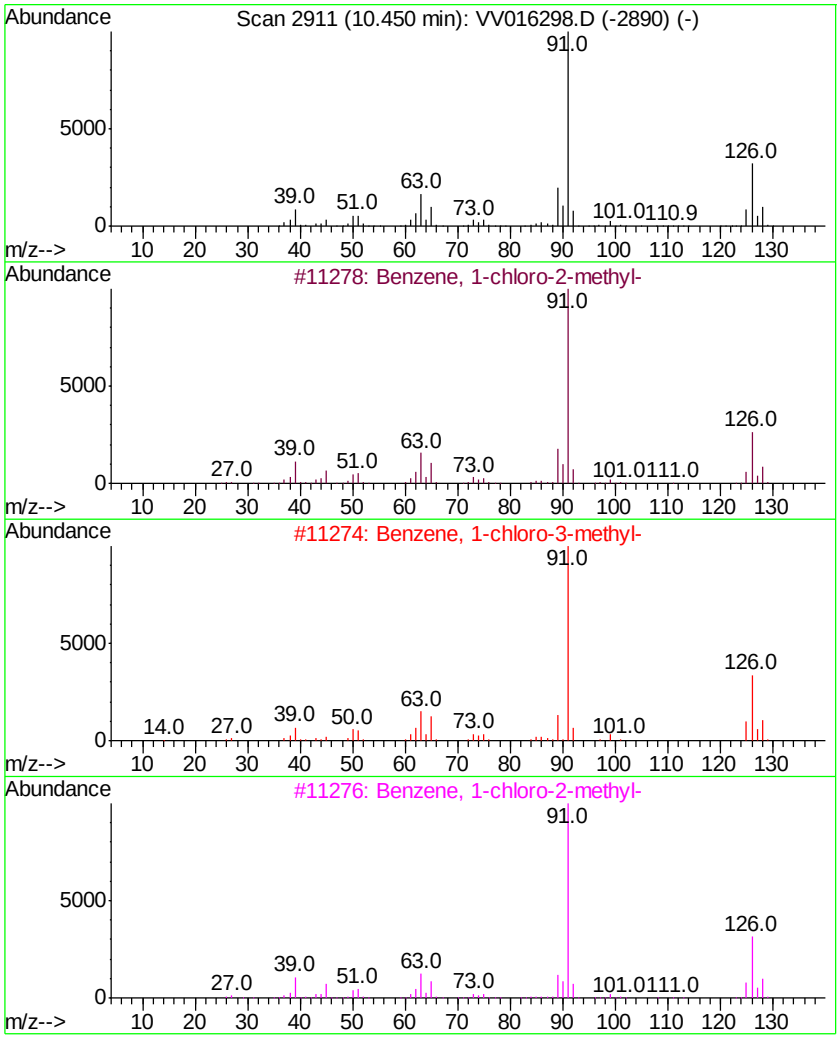
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

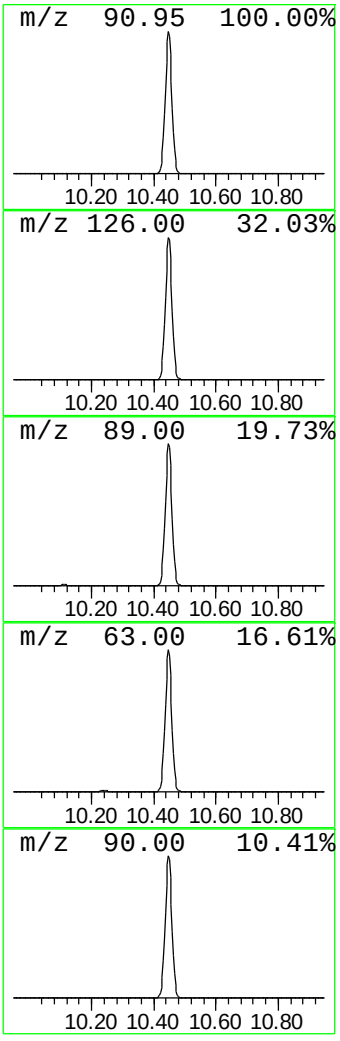
**********

Peak Number 2 Benzene, 1-chloro-2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.45 | 85.33 ug/L | 6812520 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-chloro-2-methyl- | 126 | C7H7Cl | 000095-49-8 | 96 |
| 2 | Benzene, 1-chloro-3-methyl- | 126 | C7H7Cl | 000108-41-8 | 95 |
| 3 | Benzene, 1-chloro-2-methyl- | 126 | C7H7Cl | 000095-49-8 | 94 |
| 4 | Benzene, 1-chloro-2-methyl- | 126 | C7H7Cl | 000095-49-8 | 93 |
| 5 | Benzene, 1-chloro-2-methyl- | 126 | C7H7Cl | 000095-49-8 | 93 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016298.D
Acq On : 29 May 2020 00:42
Operator : SY/MD
Sample : L2662-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** F9B03

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

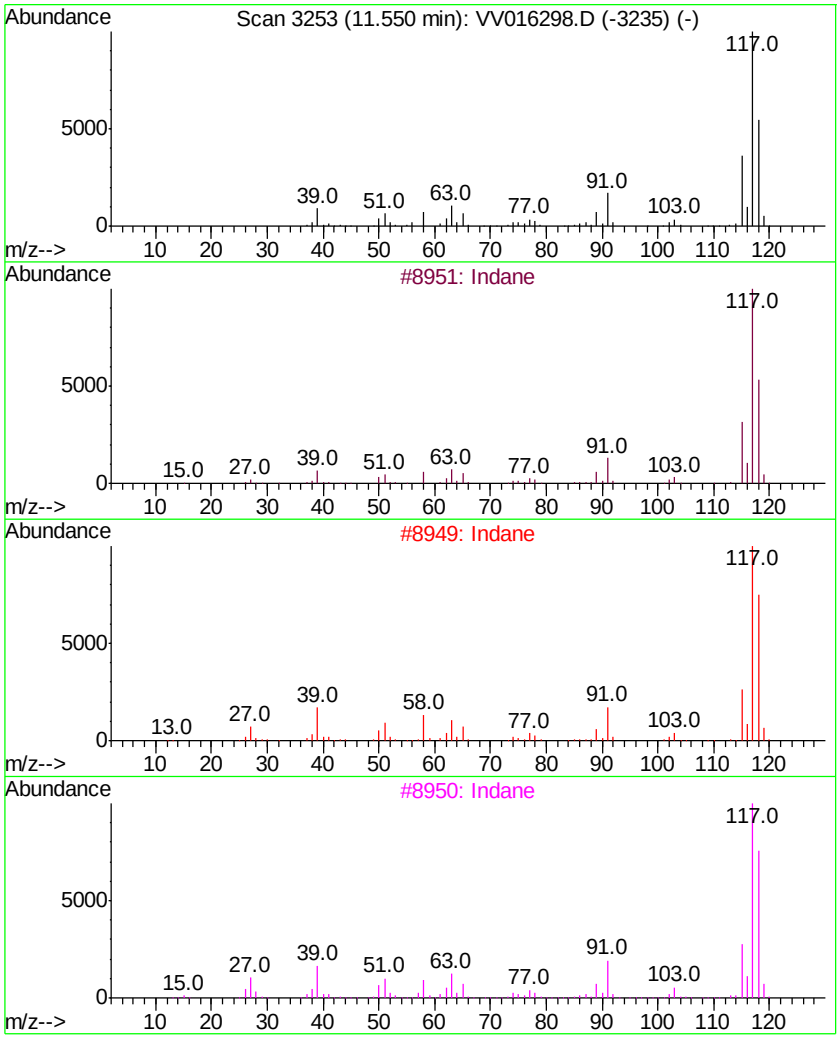
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

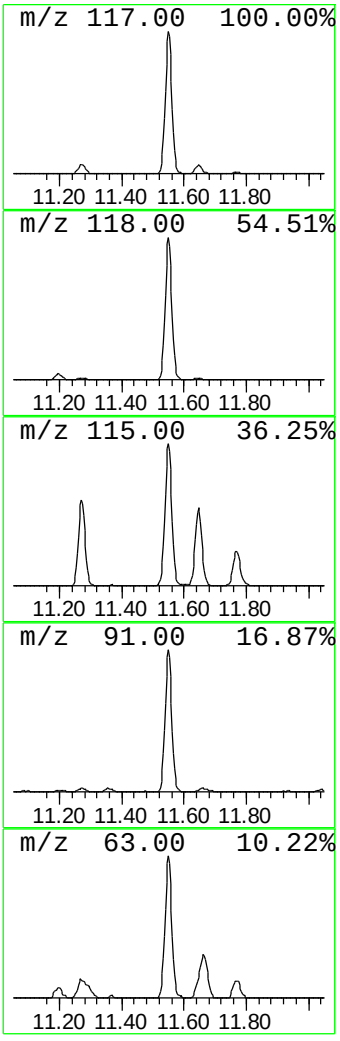
**********

Peak Number 3 Indane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.55 | 5.32 ug/L | 424456 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 95 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 93 |
| 3 | Indane | 118 | C9H10 | 000496-11-7 | 90 |
| 4 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 83 |
| 5 | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10 | 000622-97-9 | 83 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016298.D
Acq On : 29 May 2020 00:42
Operator : SY/MD
Sample : L2662-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** F9B03

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

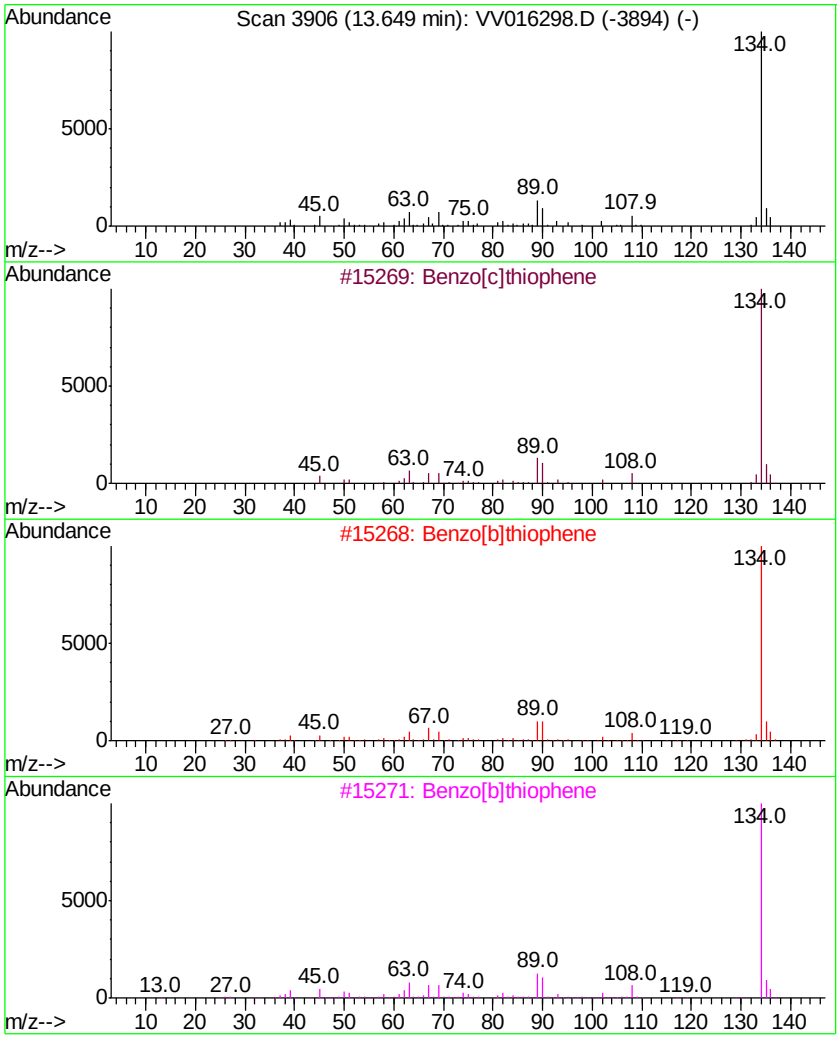
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

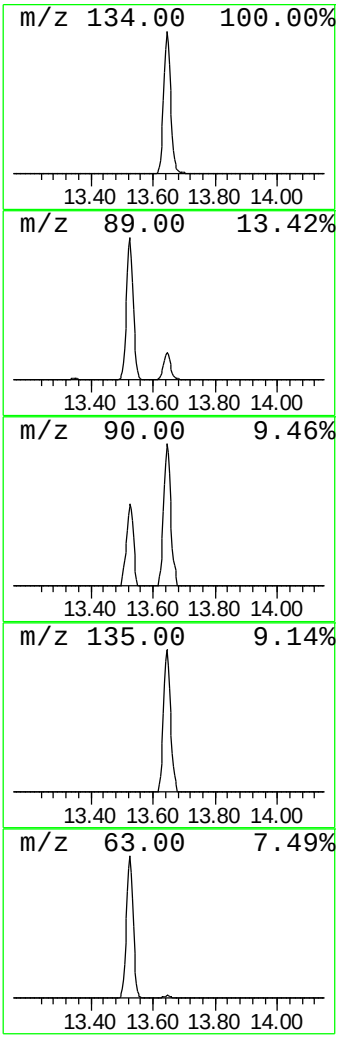
**********

Peak Number 5 Benzo[c]thiophene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.65 | 1.16 ug/L | 92844 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[c]thiophene | 134 | C8H6S | 000270-82-6 | 95 |
| 2 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 94 |
| 3 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 94 |
| 4 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 94 |
| 5 | Cyclopenta[c]thiapyran | 134 | C8H6S | 000270-63-3 | 87 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016298.D
Acq On : 29 May 2020 00:42
Operator : SY/MD
Sample : L2662-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** F9B03

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

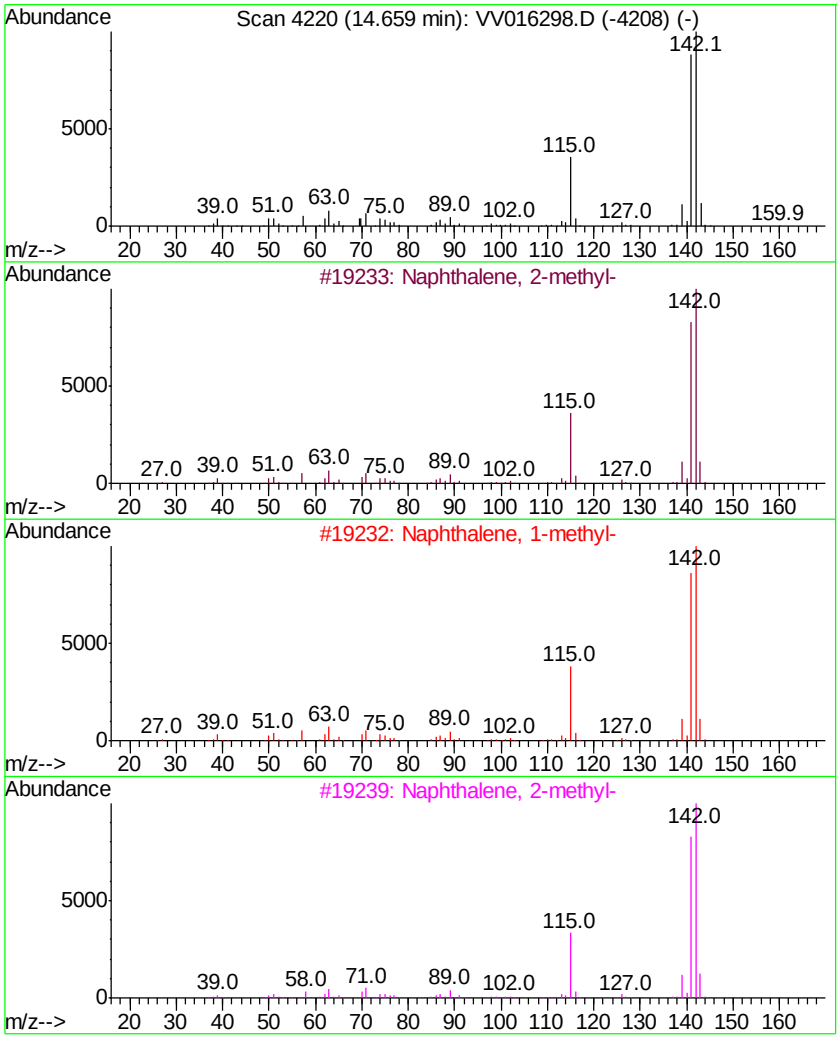
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

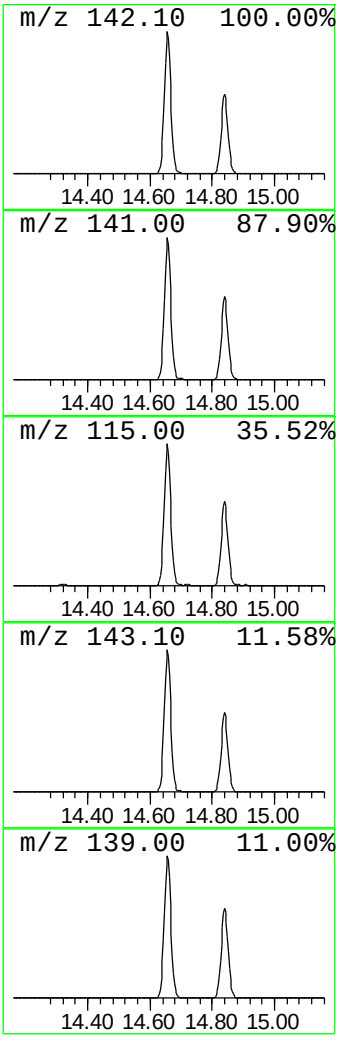
**********

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.66 | 5.33 ug/L | 425788 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 2 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 96 |
| 3 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 4 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 95 |
| 5 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 94 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016298.D
Acq On : 29 May 2020 00:42
Operator : SY/MD
Sample : L2662-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** F9B03

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.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 |
| (DEL) Alkane: Str... | 1.12 | 1.6 | ug/L | 69255 | 1 | 5.64 | 217803 | 5.0 |
| Benzene, 1-chloro... | 10.45 | 85.3 | ug/L | 6812520 | 3 | 11.27 | 399194 | 5.0 |
| Indane | 11.55 | 5.3 | ug/L | 424456 | 3 | 11.27 | 399194 | 5.0 |
| Benzo[c]thiophene | 13.65 | 1.2 | ug/L | 92844 | 3 | 11.27 | 399194 | 5.0 |
| Naphthalene, 1-me... | 14.66 | 5.3 | ug/L | 425788 | 3 | 11.27 | 399194 | 5.0 |