LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025913.D
Acq On : 07 Aug 2018 02:41
Operator : MD/SY
Sample : J4263-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** FL-0518

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_U\METHOD\82U072718W.M
Title : SW846 8260

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.088 | 140 | 155 | 169 | rBV | 499212 | 556909 | 3.41% | 0.537% |
| 2 | 1.760 | 354 | 364 | 377 | rBV | 278694 | 363089 | 2.22% | 0.350% |
| 3 | 1.950 | 413 | 423 | 443 | rBV | 251119 | 336133 | 2.06% | 0.324% |
| 4 | 2.307 | 520 | 534 | 555 | rVB2 | 95195 | 187443 | 1.15% | 0.181% |
| 5 | 2.748 | 645 | 671 | 679 | rBV | 607601 | 1495688 | 9.15% | 1.443% |
| 6 | 2.793 | 680 | 685 | 707 | rVB | 267407 | 479728 | 2.94% | 0.463% |
| 7 | 3.002 | 730 | 750 | 778 | rBV | 611114 | 1304887 | 7.98% | 1.259% |
| 8 | 3.307 | 830 | 845 | 868 | rBV | 198511 | 422721 | 2.59% | 0.408% |
| 9 | 4.101 | 1072 | 1092 | 1115 | rVB | 1164511 | 3104087 | 18.99% | 2.995% |
| 10 | 4.889 | 1318 | 1337 | 1353 | rBV | 186840 | 422735 | 2.59% | 0.408% |
| 11 | 5.001 | 1353 | 1372 | 1388 | rBV3 | 1704977 | 4241983 | 25.95% | 4.093% |
| 12 | 5.085 | 1388 | 1398 | 1419 | rVB3 | 122288 | 299625 | 1.83% | 0.289% |
| 13 | 5.227 | 1423 | 1442 | 1449 | rBV2 | 179474 | 438628 | 2.68% | 0.423% |
| 14 | 5.313 | 1462 | 1469 | 1481 | rVB | 170456 | 331137 | 2.03% | 0.320% |
| 15 | 5.394 | 1481 | 1494 | 1509 | rVV | 626182 | 1309512 | 8.01% | 1.264% |
| 16 | 5.484 | 1510 | 1522 | 1534 | rVV3 | 235538 | 511861 | 3.13% | 0.494% |
| 17 | 5.561 | 1534 | 1546 | 1556 | rVV | 210949 | 463166 | 2.83% | 0.447% |
| 18 | 5.628 | 1556 | 1567 | 1587 | rVB | 372656 | 826344 | 5.06% | 0.797% |
| 19 | 5.892 | 1634 | 1649 | 1666 | rBV | 361599 | 714667 | 4.37% | 0.690% |
| 20 | 6.419 | 1789 | 1813 | 1839 | rBV | 2565988 | 5501075 | 33.66% | 5.308% |
| 21 | 6.648 | 1870 | 1884 | 1899 | rVB | 228441 | 430652 | 2.63% | 0.416% |
| 22 | 7.535 | 2144 | 2160 | 2161 | rBV2 | 149907 | 193959 | 1.19% | 0.187% |
| 23 | 7.571 | 2162 | 2171 | 2190 | rVB | 731696 | 1319914 | 8.08% | 1.274% |
| 24 | 7.712 | 2203 | 2215 | 2229 | rBV4 | 90210 | 205690 | 1.26% | 0.198% |
| 25 | 7.921 | 2268 | 2280 | 2298 | rVB | 170339 | 307685 | 1.88% | 0.297% |
| 26 | 8.548 | 2466 | 2475 | 2486 | rVB | 126167 | 202160 | 1.24% | 0.195% |
| 27 | 9.095 | 2632 | 2645 | 2663 | rBV | 536564 | 897689 | 5.49% | 0.866% |
| 28 | 9.191 | 2664 | 2675 | 2683 | rVV | 112984 | 193527 | 1.18% | 0.187% |
| 29 | 9.255 | 2683 | 2695 | 2720 | rVV | 4328501 | 6932150 | 42.41% | 6.689% |
| 30 | 9.377 | 2720 | 2733 | 2760 | rVB | 762169 | 1312550 | 8.03% | 1.267% |
| 31 | 10.168 | 2967 | 2979 | 3007 | rVB | 1720868 | 2723555 | 16.66% | 2.628% |
| 32 | 10.310 | 3011 | 3023 | 3038 | rBV | 573322 | 934513 | 5.72% | 0.902% |
| 33 | 10.590 | 3098 | 3110 | 3127 | rBV | 2366768 | 3634987 | 22.24% | 3.508% |
| 34 | 10.683 | 3130 | 3139 | 3156 | rVV | 330838 | 737460 | 4.51% | 0.712% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025913.D
Acq On : 07 Aug 2018 02:41
Operator : MD/SY
Sample : J4263-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** FL-0518

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_U\METHOD\82U072718W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 10.776 | 3158 | 3168 | 3187 | rVB | 311170 | 497797 | 3.05% | 0.480% |
| 36 | 10.976 | 3219 | 3230 | 3251 | rVB | 274360 | 498165 | 3.05% | 0.481% |
| 37 | 11.156 | 3273 | 3286 | 3301 | rVB | 10766845 | 16344970 | 100.00% | 15.773% |
| 38 | 11.326 | 3333 | 3339 | 3356 | rVB | 323594 | 520338 | 3.18% | 0.502% |
| 39 | 11.487 | 3378 | 3389 | 3403 | rVB2 | 834473 | 1348718 | 8.25% | 1.301% |
| 40 | 11.574 | 3403 | 3416 | 3440 | rVB | 6871543 | 10541841 | 64.50% | 10.173% |
| 41 | 11.693 | 3441 | 3453 | 3463 | rBV | 146019 | 229395 | 1.40% | 0.221% |
| 42 | 11.773 | 3464 | 3478 | 3497 | rBV3 | 1081431 | 2194862 | 13.43% | 2.118% |
| 43 | 11.866 | 3497 | 3507 | 3530 | rVB4 | 455778 | 1065858 | 6.52% | 1.029% |
| 44 | 11.985 | 3531 | 3544 | 3555 | rBV | 328203 | 511929 | 3.13% | 0.494% |
| 45 | 12.059 | 3555 | 3567 | 3582 | rBV | 869010 | 1321978 | 8.09% | 1.276% |
| 46 | 12.149 | 3583 | 3595 | 3600 | rBV | 764202 | 1182114 | 7.23% | 1.141% |
| 47 | 12.178 | 3600 | 3604 | 3614 | rVV | 595234 | 805473 | 4.93% | 0.777% |
| 48 | 12.255 | 3616 | 3628 | 3635 | rVV | 1045968 | 1648442 | 10.09% | 1.591% |
| 49 | 12.287 | 3635 | 3638 | 3649 | rVB | 309735 | 392157 | 2.40% | 0.378% |
| 50 | 12.358 | 3649 | 3660 | 3680 | rBV2 | 739438 | 1599394 | 9.79% | 1.543% |
| 51 | 12.554 | 3709 | 3721 | 3733 | rVB2 | 720427 | 1190295 | 7.28% | 1.149% |
| 52 | 12.651 | 3734 | 3751 | 3759 | rBV | 706489 | 1110289 | 6.79% | 1.071% |
| 53 | 12.705 | 3759 | 3768 | 3782 | rVB | 1272048 | 1907679 | 11.67% | 1.841% |
| 54 | 12.966 | 3843 | 3849 | 3865 | rVB | 282754 | 437799 | 2.68% | 0.422% |
| 55 | 13.123 | 3877 | 3898 | 3914 | rBV2 | 2394020 | 3950838 | 24.17% | 3.813% |
| 56 | 13.291 | 3939 | 3950 | 3968 | rVB | 1101206 | 1704585 | 10.43% | 1.645% |
| 57 | 13.512 | 4010 | 4019 | 4026 | rBV3 | 204895 | 341062 | 2.09% | 0.329% |
| 58 | 13.612 | 4045 | 4050 | 4072 | rVB2 | 188654 | 375638 | 2.30% | 0.362% |
| 59 | 13.744 | 4078 | 4091 | 4101 | rBV | 1760813 | 2769593 | 16.94% | 2.673% |
| 60 | 13.856 | 4117 | 4126 | 4140 | rBV2 | 105048 | 167166 | 1.02% | 0.161% |
| 61 | 13.956 | 4141 | 4157 | 4168 | rBV3 | 134536 | 291865 | 1.79% | 0.282% |
| 62 | 14.352 | 4265 | 4280 | 4294 | rVB2 | 245409 | 515409 | 3.15% | 0.497% |
| 63 | 14.680 | 4371 | 4382 | 4398 | rBV2 | 229663 | 391614 | 2.40% | 0.378% |
| 64 | 14.879 | 4432 | 4444 | 4457 | rBV | 1577401 | 2460982 | 15.06% | 2.375% |
| 65 | 15.065 | 4490 | 4502 | 4516 | rBV | 1117153 | 1785243 | 10.92% | 1.723% |
| 66 | 16.062 | 4802 | 4812 | 4819 | rBV | 115667 | 186749 | 1.14% | 0.180% |

Sum of corrected areas: 103628146

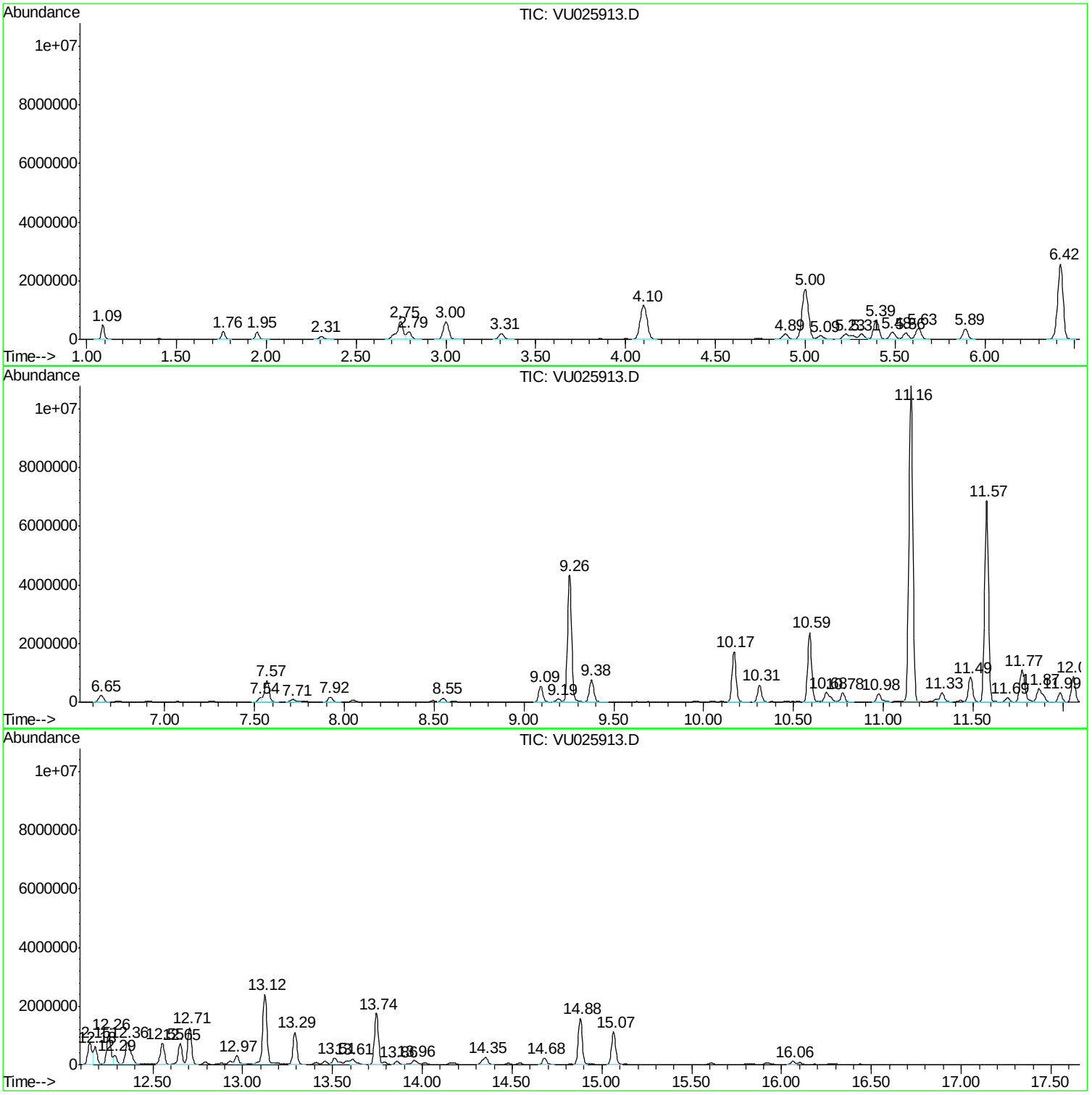
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025913.D
Acq On : 07 Aug 2018 02:41
Operator : MD/SY
Sample : J4263-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** FL-0518

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025913.D
Acq On : 07 Aug 2018 02:41
Operator : MD/SY
Sample : J4263-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** FL-0518

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

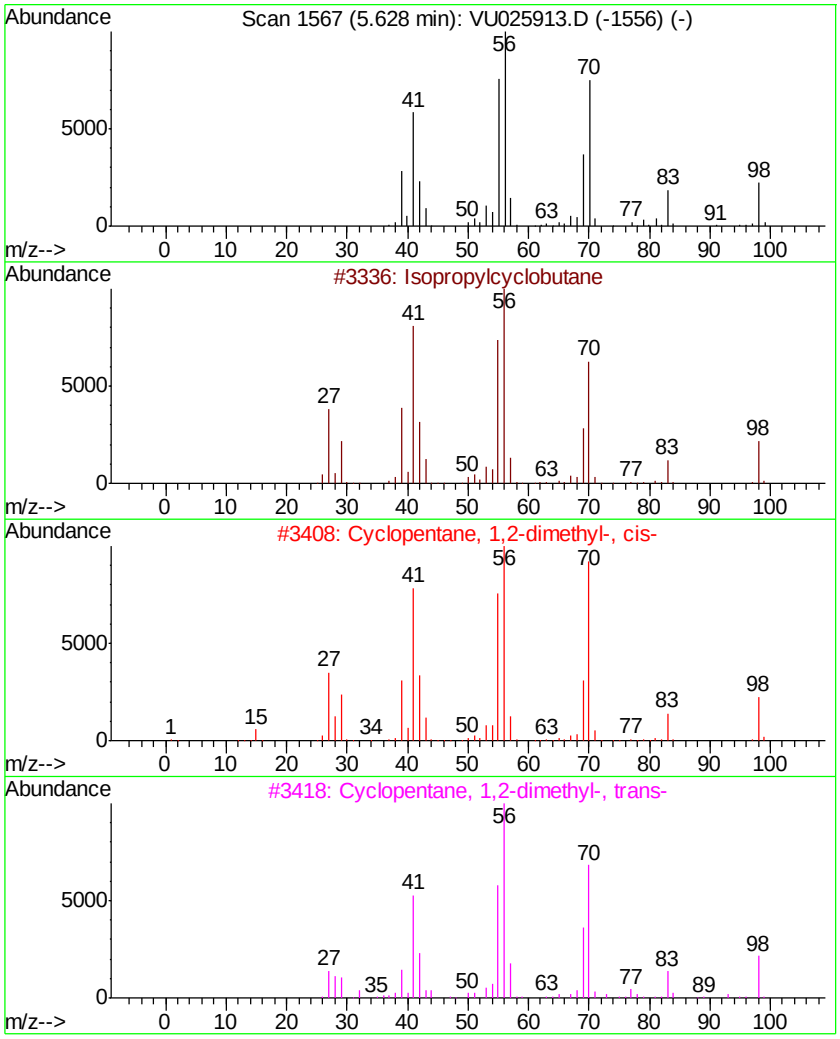
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

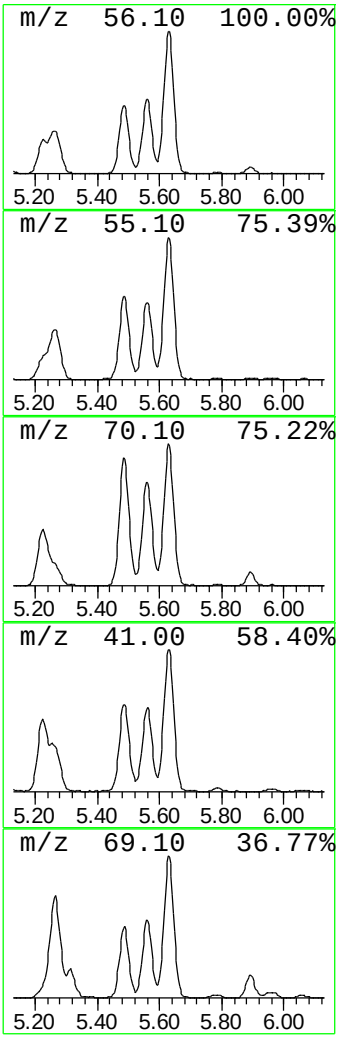
**********

Peak Number 1 Isopropylcyclobutane Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.63 | 57.81 ug/l | 826344 | 1,4-Difluorobenzene | 5.89 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isopropylcyclobutane | 98 | C7H14 | 000872-56-0 | 94 |
| 2 | Cyclopentane, 1,2-dimethyl-, cis- | 98 | C7H14 | 001192-18-3 | 91 |
| 3 | Cyclopentane, 1,2-dimethyl-, trans- | 98 | C7H14 | 000822-50-4 | 91 |
| 4 | Cyclopentane, 1,2-dimethyl- | 98 | C7H14 | 002452-99-5 | 91 |
| 5 | Cyclopentane, 1,3-dimethyl-, trans- | 98 | C7H14 | 001759-58-6 | 86 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025913.D
Acq On : 07 Aug 2018 02:41
Operator : MD/SY
Sample : J4263-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** FL-0518

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

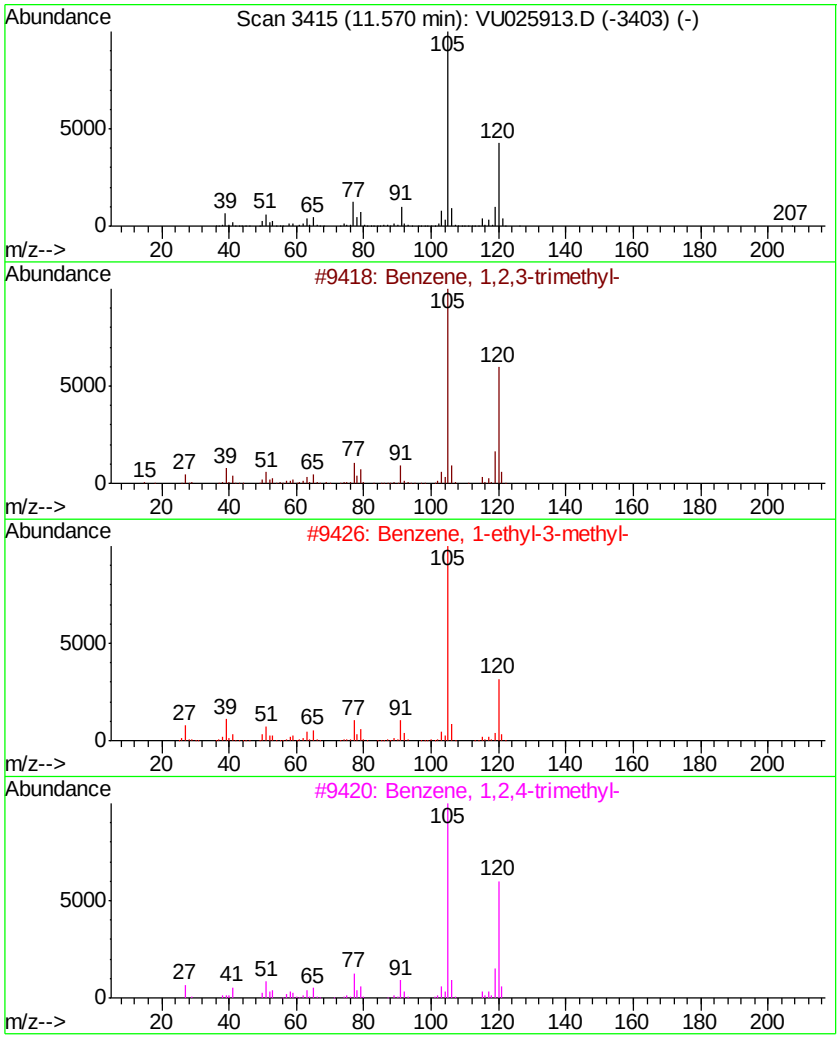
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

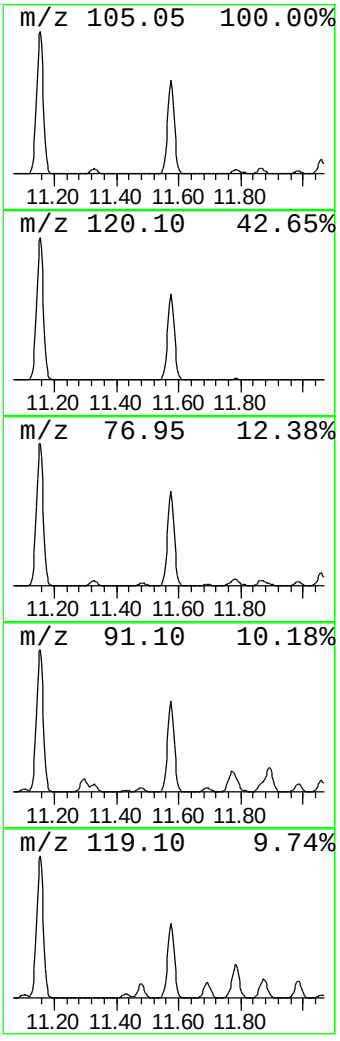
**********

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.57 | 390.81 ug/l | 10541800 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 2 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 3 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 90 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025913.D
Acq On : 07 Aug 2018 02:41
Operator : MD/SY
Sample : J4263-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** FL-0518

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

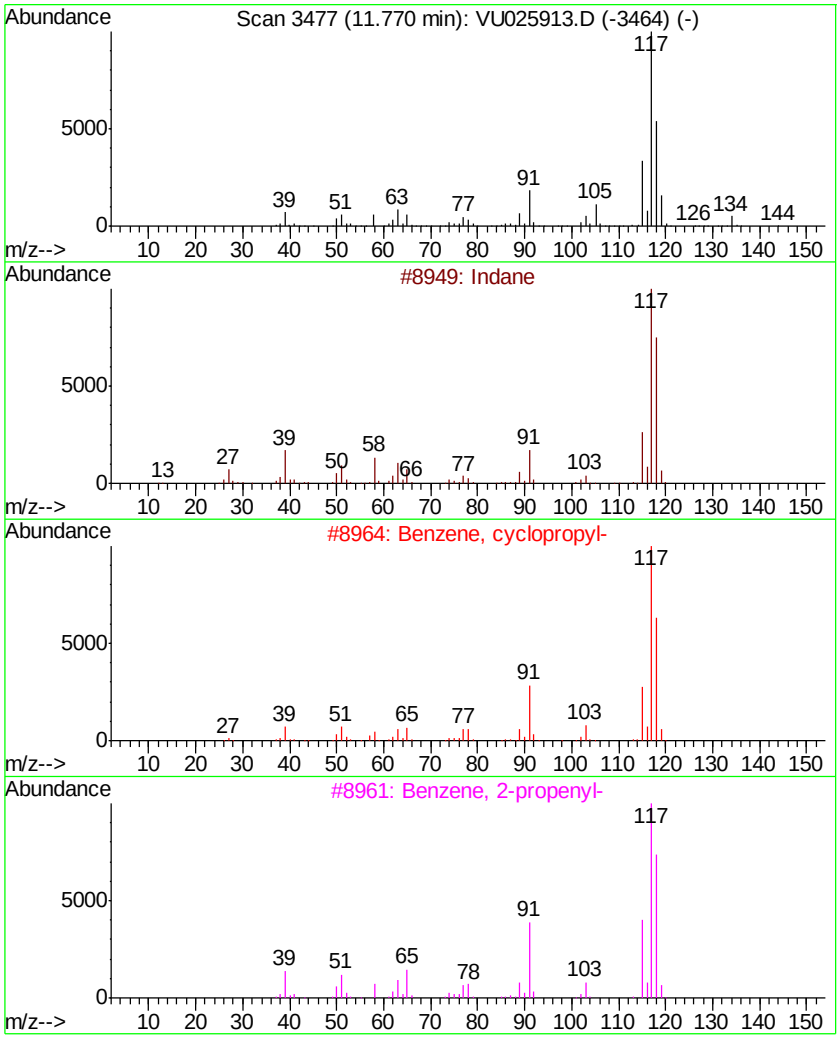
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

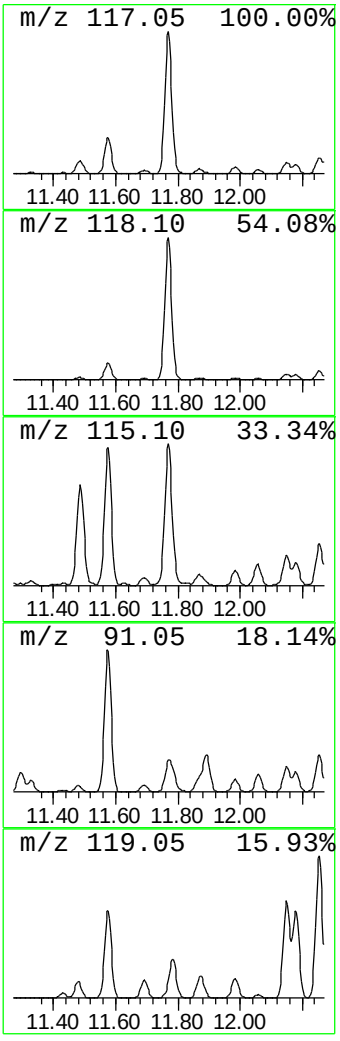
**********

Peak Number 3 Indane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.77 | 81.37 ug/l | 2194860 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 76 |
| 2 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 70 |
| 3 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 70 |
| 4 | Benzene, 1-propenyl- | 118 | C9H10 | 000637-50-3 | 50 |
| 5 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 47 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025913.D
Acq On : 07 Aug 2018 02:41
Operator : MD/SY
Sample : J4263-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** FL-0518

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

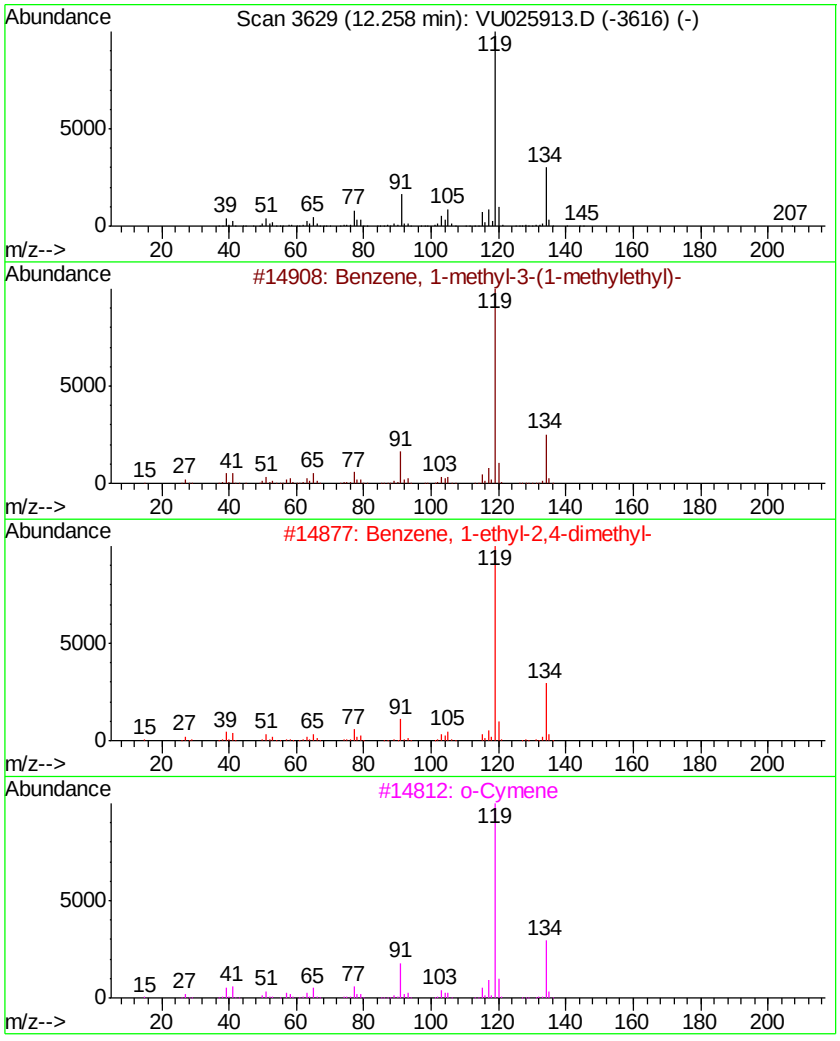
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

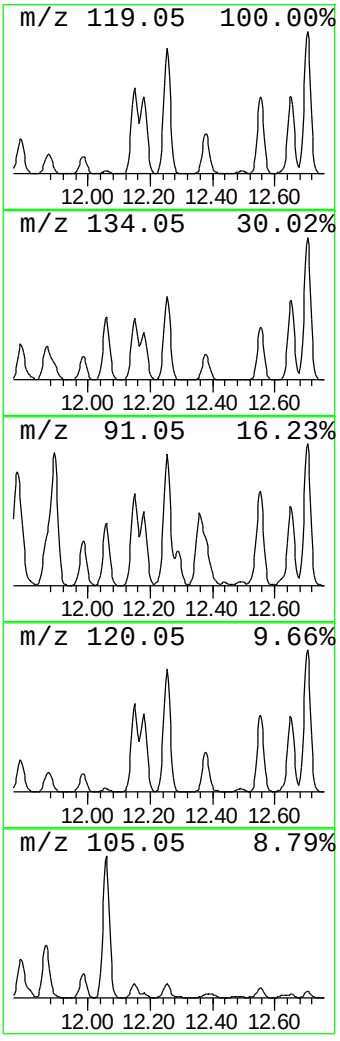
**********

Peak Number 4 Benzene, 1-methyl-3-(1-meth... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.26 | 61.11 ug/l | 1648440 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 95 |
| 2 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 95 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 4 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 95 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 94 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025913.D
Acq On : 07 Aug 2018 02:41
Operator : MD/SY
Sample : J4263-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** FL-0518

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

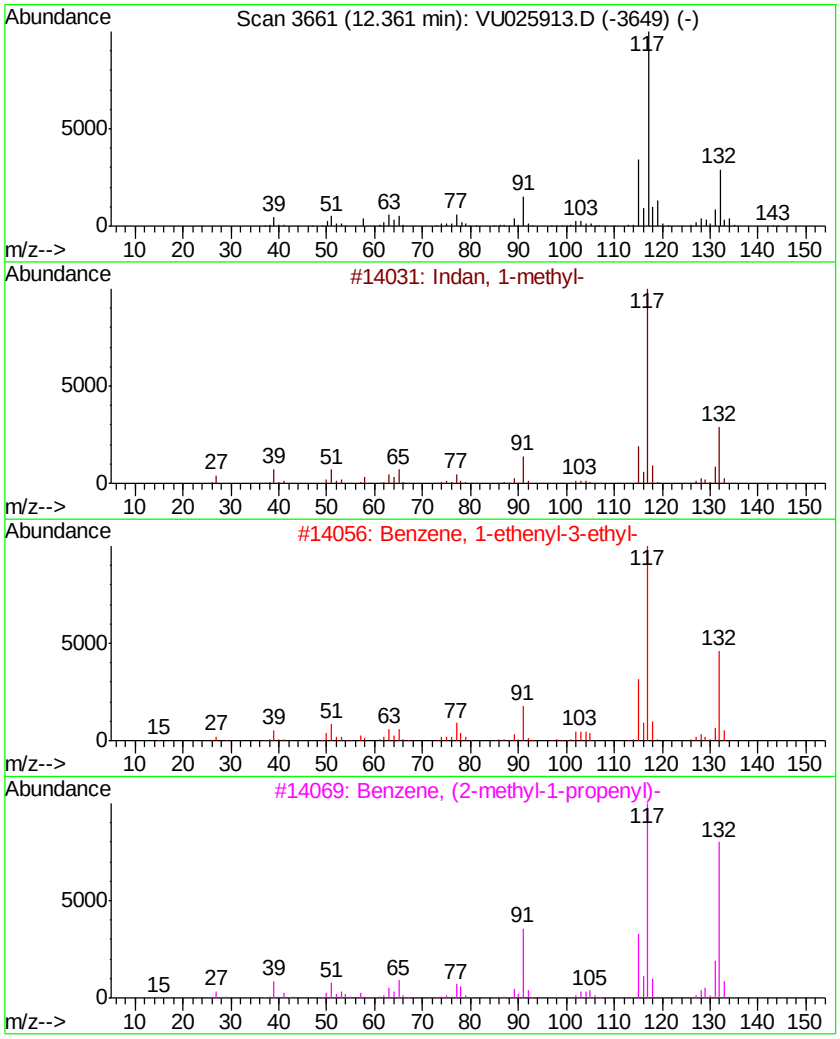
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

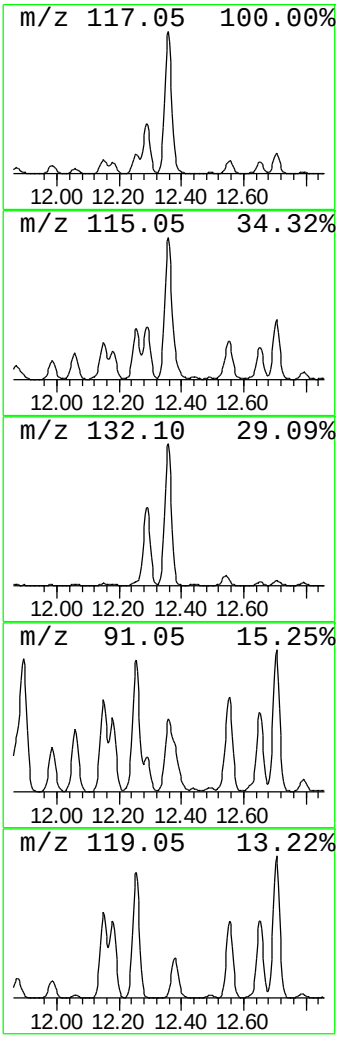
**********

Peak Number 5 Indan, 1-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.36 | 59.29 ug/l | 1599390 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 93 |
| 2 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 91 |
| 3 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 87 |
| 4 | Benzene, (2-methylcyclopropyl)- | 132 | C10H12 | 1000327-39-0 | 87 |
| 5 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 86 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025913.D
Acq On : 07 Aug 2018 02:41
Operator : MD/SY
Sample : J4263-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** FL-0518

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

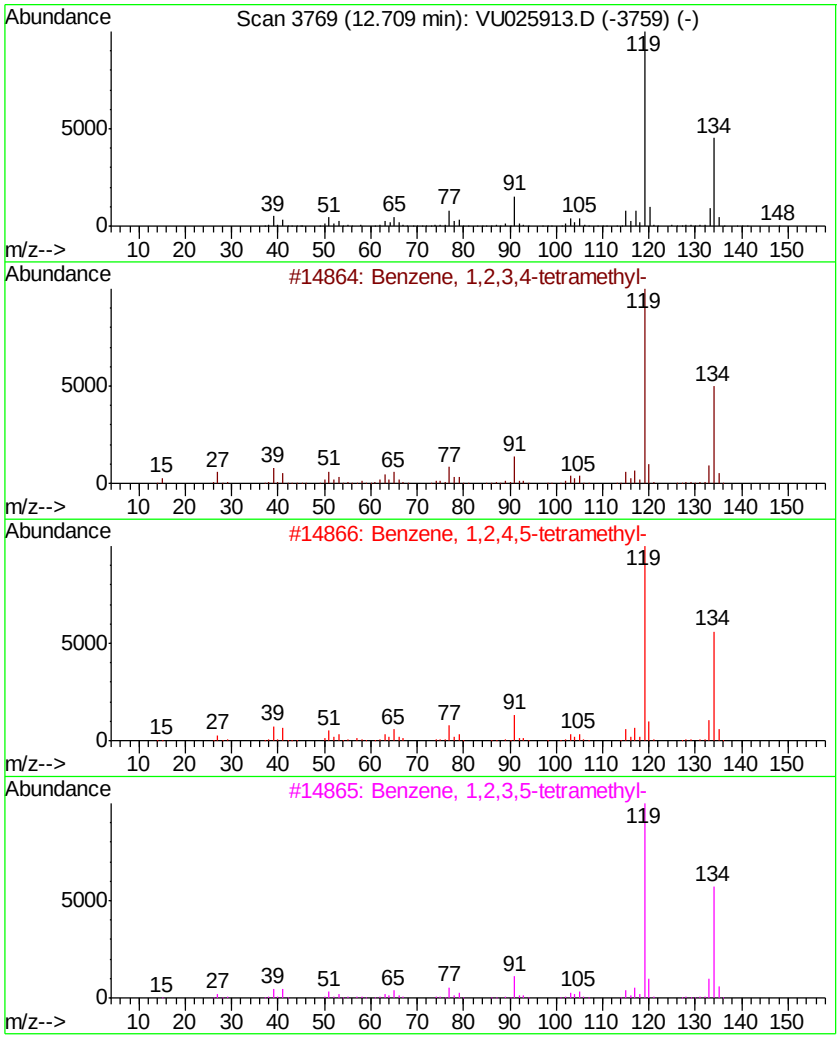
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

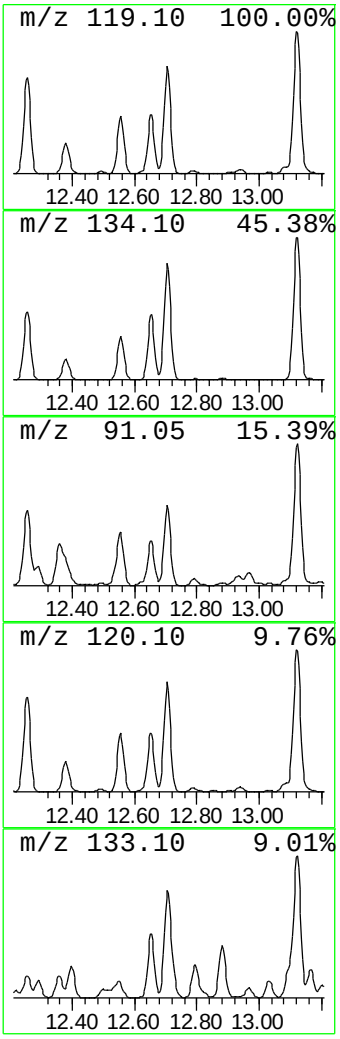
**********

Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.71 | 70.72 ug/l | 1907680 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 97 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 3 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 95 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 5 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 94 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025913.D
Acq On : 07 Aug 2018 02:41
Operator : MD/SY
Sample : J4263-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** FL-0518

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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

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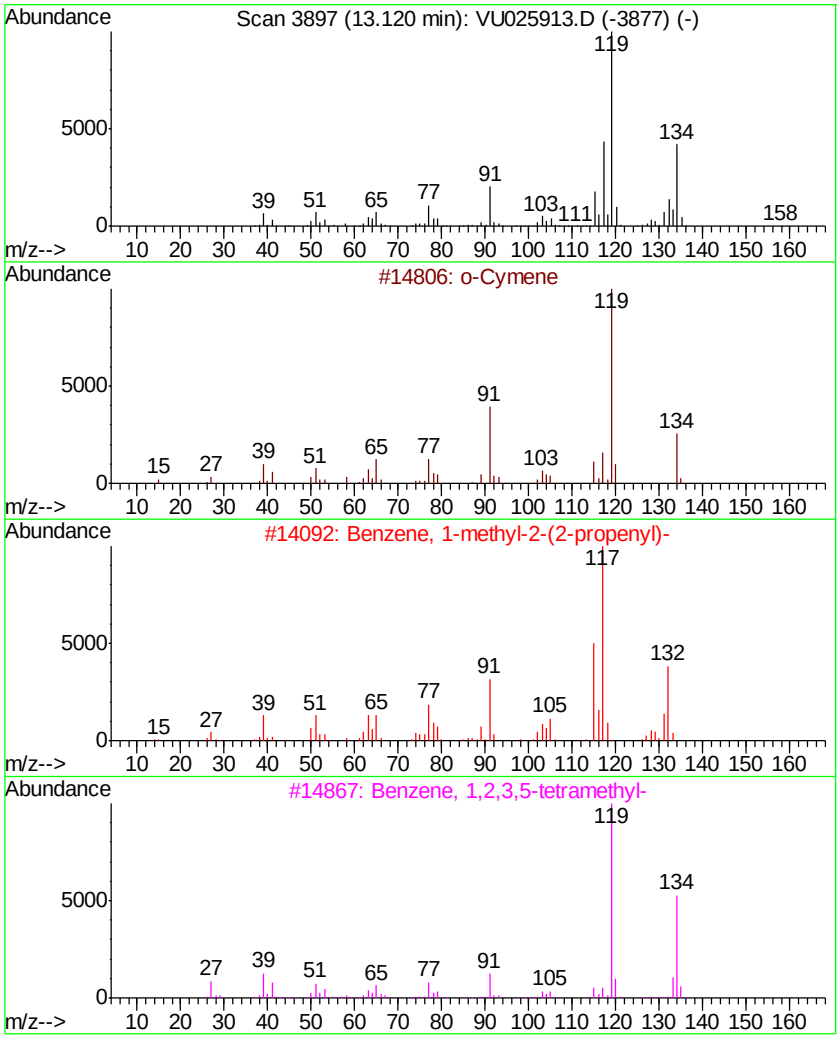
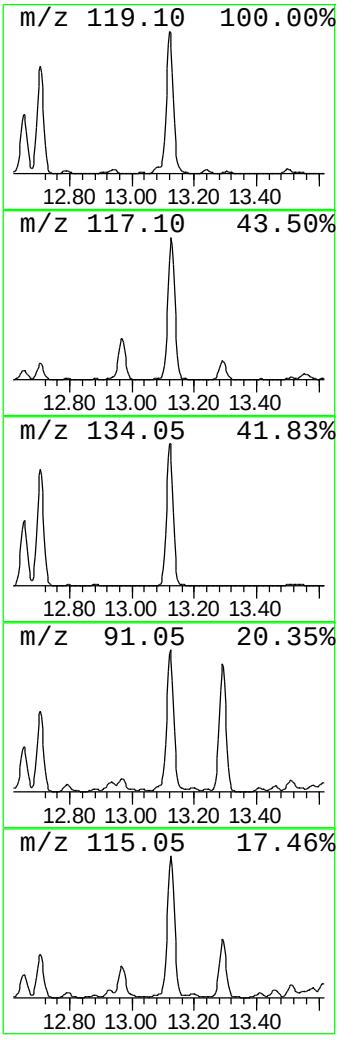
Peak Number 7 o-Cymene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.12 | 146.47 ug/l | 3950840 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 76 |
| 2 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 70 |
| 3 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 64 |
| 4 | p-Cymene | 134 | C10H14 | 000099-87-6 | 64 |
| 5 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 64 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025913.D
Acq On : 07 Aug 2018 02:41
Operator : MD/SY
Sample : J4263-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** FL-0518

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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

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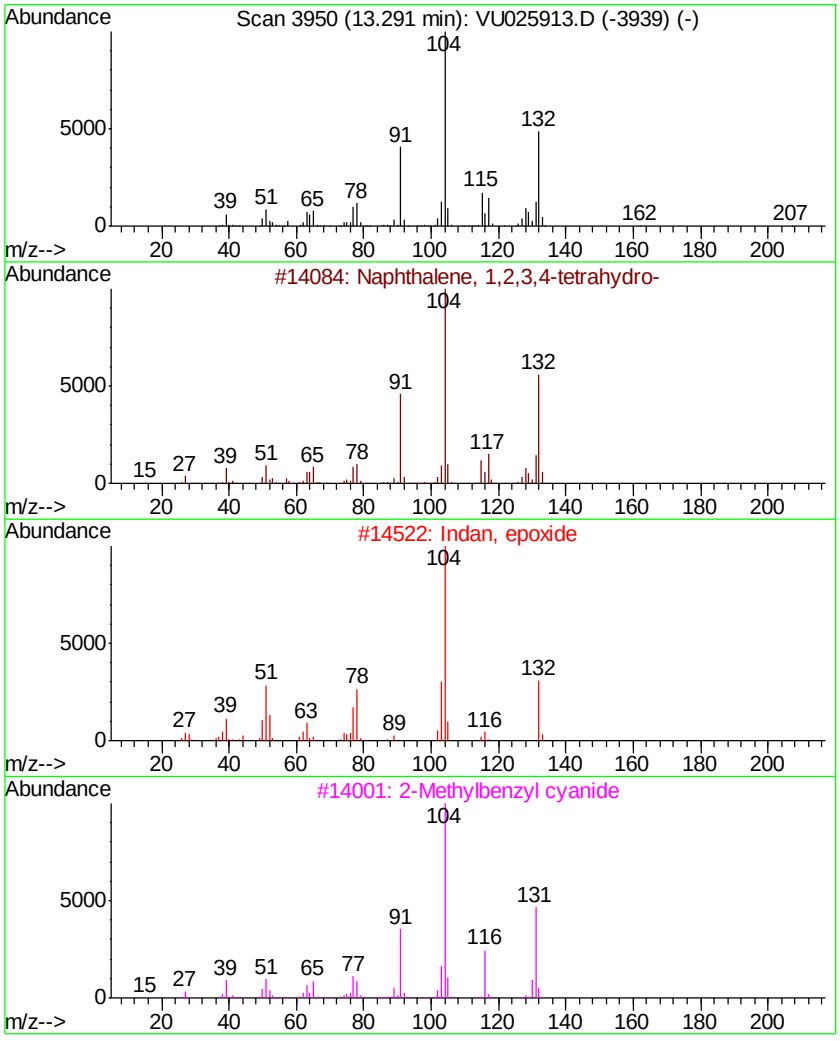
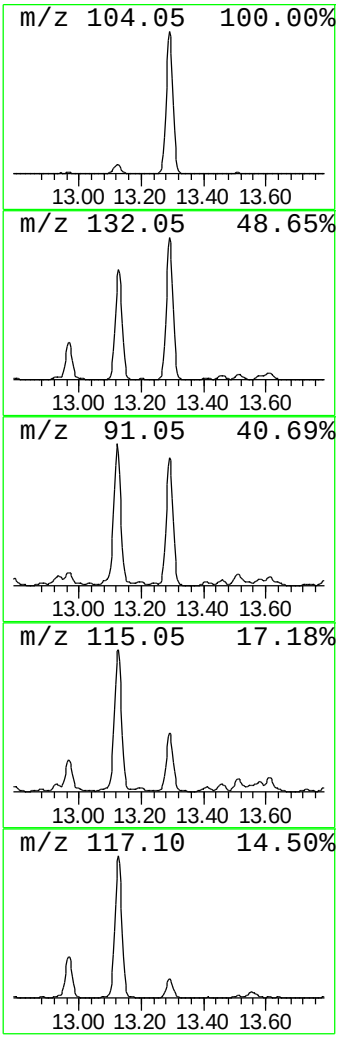
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.29 | 63.19 ug/l | 1704590 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 96 |
| 2 | Indan, epoxide | 132 | C9H8O | 000768-22-9 | 58 |
| 3 | 2-Methylbenzyl cyanide | 131 | C9H9N | 022364-68-7 | 46 |
| 4 | 2H-Inden-2-one, 1,3-dihydro- | 132 | C9H8O | 000615-13-4 | 42 |
| 5 | Benzene, 1,1'-(1,2-cyclobutanedi... | 208 | C16H16 | 020071-09-4 | 38 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025913.D
Acq On : 07 Aug 2018 02:41
Operator : MD/SY
Sample : J4263-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** FL-0518

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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

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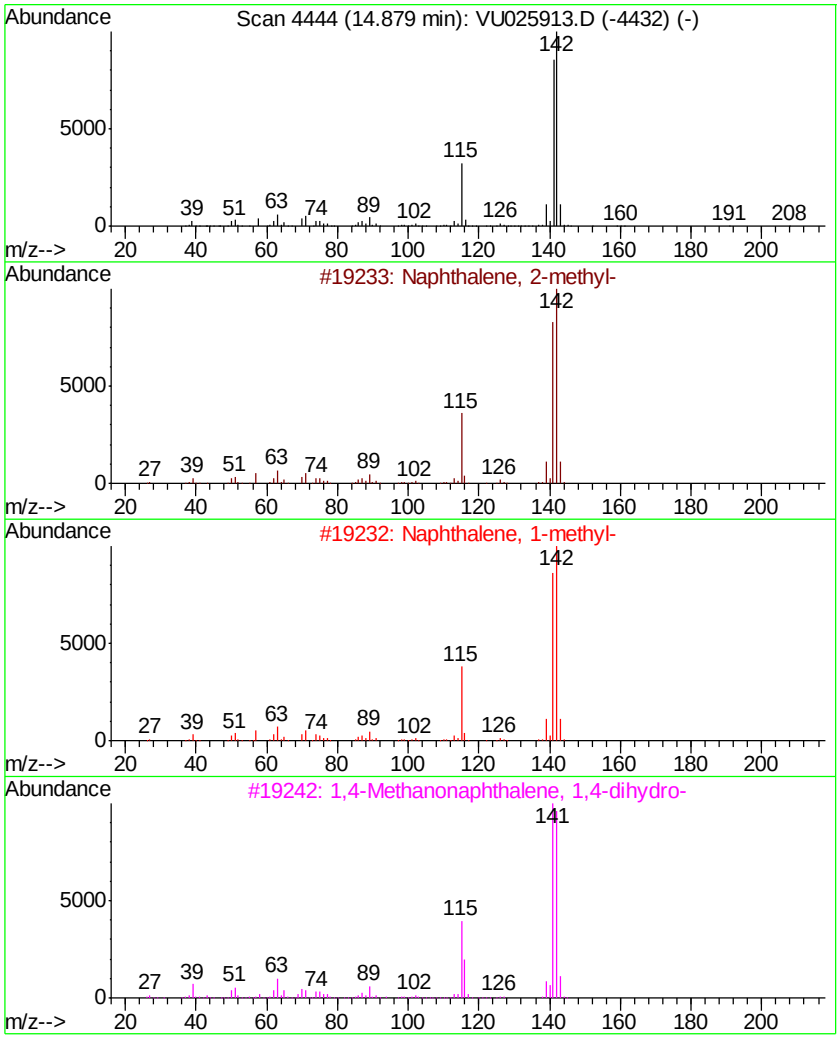
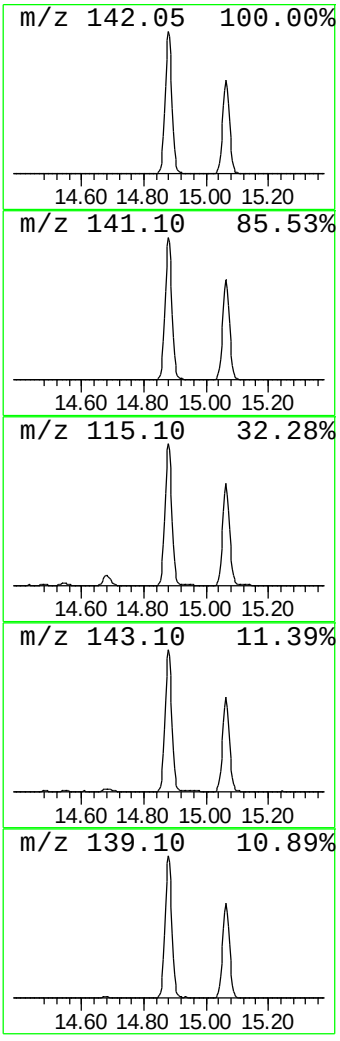
Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.88 | 91.23 ug/l | 2460980 | 1,4-Dichlorobenzene-d4 | 11.49 |

| 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 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 91 |
| 4 | Benzocycloheptatriene | 142 | C11H10 | 000264-09-5 | 91 |
| 5 | 1H-Indene, 1-ethylidene- | 142 | C11H10 | 002471-83-2 | 64 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025913.D
Acq On : 07 Aug 2018 02:41
Operator : MD/SY
Sample : J4263-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** FL-0518

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Isopropylcyclobutane | 5.63 | 57.8 | ug/l | 826344 | 2 | 5.89 | 714667 | 50.0 |
| Benzene, 1,2,3-tr... | 11.57 | 390.8 | ug/l | 10541800 | 4 | 11.49 | 1348720 | 50.0 |
| Indane | 11.77 | 81.4 | ug/l | 2194860 | 4 | 11.49 | 1348720 | 50.0 |
| Benzene, 1-methyl... | 12.26 | 61.1 | ug/l | 1648440 | 4 | 11.49 | 1348720 | 50.0 |
| Indan, 1-methyl- | 12.36 | 59.3 | ug/l | 1599390 | 4 | 11.49 | 1348720 | 50.0 |
| Benzene, 1,2,3,4-... | 12.71 | 70.7 | ug/l | 1907680 | 4 | 11.49 | 1348720 | 50.0 |
| o-Cymene | 13.12 | 146.5 | ug/l | 3950840 | 4 | 11.49 | 1348720 | 50.0 |
| Naphthalene, 1,2,... | 13.29 | 63.2 | ug/l | 1704590 | 4 | 11.49 | 1348720 | 50.0 |
| Naphthalene, 1-me... | 14.88 | 91.2 | ug/l | 2460980 | 4 | 11.49 | 1348720 | 50.0 |