LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110618\
Data File : VU027985.D
Acq On : 06 Nov 2018 14:27
Operator : MD/SY
Sample : J5822-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** MW-11

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\82U110218W.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 | 1.405 | 61 | 72 | 80 | rBV | 47644 | 64327 | 2.53% | 0.237% |
| 2 | 2.447 | 384 | 396 | 411 | rBV | 35239 | 64998 | 2.56% | 0.240% |
| 3 | 2.990 | 553 | 565 | 588 | rVB3 | 15924 | 32329 | 1.27% | 0.119% |
| 4 | 4.228 | 929 | 950 | 989 | rVV | 1035707 | 2542580 | 100.00% | 9.374% |
| 5 | 4.887 | 1137 | 1155 | 1171 | rBV | 175421 | 403291 | 15.86% | 1.487% |
| 6 | 4.987 | 1172 | 1186 | 1208 | rVB | 271813 | 603815 | 23.75% | 2.226% |
| 7 | 5.312 | 1273 | 1287 | 1303 | rBV | 209741 | 446245 | 17.55% | 1.645% |
| 8 | 5.395 | 1304 | 1313 | 1328 | rVB2 | 14421 | 31733 | 1.25% | 0.117% |
| 9 | 5.887 | 1451 | 1466 | 1497 | rBV | 451084 | 915597 | 36.01% | 3.375% |
| 10 | 7.057 | 1816 | 1830 | 1841 | rBV7 | 12247 | 31992 | 1.26% | 0.118% |
| 11 | 7.565 | 1969 | 1988 | 2000 | rBV | 742582 | 1301795 | 51.20% | 4.799% |
| 12 | 7.639 | 2000 | 2011 | 2027 | rVB | 518144 | 892279 | 35.09% | 3.290% |
| 13 | 8.180 | 2166 | 2179 | 2188 | rBV | 14699 | 28472 | 1.12% | 0.105% |
| 14 | 9.090 | 2450 | 2462 | 2486 | rBV | 652463 | 1068665 | 42.03% | 3.940% |
| 15 | 9.250 | 2501 | 2512 | 2526 | rBV | 135328 | 217516 | 8.55% | 0.802% |
| 16 | 9.372 | 2538 | 2550 | 2566 | rVV | 859215 | 1422232 | 55.94% | 5.243% |
| 17 | 9.720 | 2645 | 2658 | 2664 | rBV7 | 13129 | 27715 | 1.09% | 0.102% |
| 18 | 9.781 | 2665 | 2677 | 2699 | rVB | 558683 | 901617 | 35.46% | 3.324% |
| 19 | 10.044 | 2743 | 2759 | 2766 | rBV7 | 19068 | 38241 | 1.50% | 0.141% |
| 20 | 10.308 | 2830 | 2841 | 2870 | rVB | 516026 | 857609 | 33.73% | 3.162% |
| 21 | 10.588 | 2919 | 2928 | 2941 | rBV | 34076 | 58856 | 2.31% | 0.217% |
| 22 | 10.681 | 2944 | 2957 | 2974 | rVV | 373051 | 843734 | 33.18% | 3.111% |
| 23 | 10.771 | 2974 | 2985 | 2994 | rVV | 520788 | 810437 | 31.87% | 2.988% |
| 24 | 10.813 | 2994 | 2998 | 3009 | rVB2 | 76621 | 101041 | 3.97% | 0.373% |
| 25 | 10.970 | 3036 | 3047 | 3068 | rVB | 408072 | 648396 | 25.50% | 2.390% |
| 26 | 11.102 | 3073 | 3088 | 3093 | rBV3 | 42566 | 88207 | 3.47% | 0.325% |
| 27 | 11.147 | 3093 | 3102 | 3115 | rVB | 775142 | 1184742 | 46.60% | 4.368% |
| 28 | 11.427 | 3171 | 3189 | 3197 | rBV3 | 112683 | 220431 | 8.67% | 0.813% |
| 29 | 11.482 | 3197 | 3206 | 3218 | rVV | 682122 | 1030124 | 40.51% | 3.798% |
| 30 | 11.572 | 3224 | 3234 | 3255 | rVB | 679197 | 1082911 | 42.59% | 3.992% |
| 31 | 11.694 | 3265 | 3272 | 3281 | rVB3 | 35482 | 58926 | 2.32% | 0.217% |
| 32 | 11.768 | 3281 | 3295 | 3302 | rVV3 | 202044 | 411996 | 16.20% | 1.519% |
| 33 | 11.810 | 3303 | 3308 | 3316 | rVV | 192223 | 276169 | 10.86% | 1.018% |
| 34 | 11.874 | 3316 | 3328 | 3343 | rVB2 | 497901 | 859527 | 33.81% | 3.169% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110618\
Data File : VU027985.D
Acq On : 06 Nov 2018 14:27
Operator : MD/SY
Sample : J5822-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** MW-11

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\82U110218W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 11.983 | 3353 | 3362 | 3367 | rBV2 | 37668 | 59553 | 2.34% | 0.220% |
| 36 | 12.025 | 3368 | 3375 | 3379 | rVV | 83817 | 121141 | 4.76% | 0.447% |
| 37 | 12.054 | 3379 | 3384 | 3400 | rVB | 132616 | 209558 | 8.24% | 0.773% |
| 38 | 12.147 | 3402 | 3413 | 3417 | rBV | 131515 | 204990 | 8.06% | 0.756% |
| 39 | 12.176 | 3417 | 3422 | 3430 | rVB | 124827 | 172677 | 6.79% | 0.637% |
| 40 | 12.250 | 3436 | 3445 | 3454 | rBV | 424258 | 593516 | 23.34% | 2.188% |
| 41 | 12.356 | 3467 | 3478 | 3484 | rBV | 125359 | 236946 | 9.32% | 0.874% |
| 42 | 12.446 | 3500 | 3506 | 3513 | rVB2 | 51566 | 64232 | 2.53% | 0.237% |
| 43 | 12.491 | 3514 | 3520 | 3529 | rVB2 | 63139 | 91480 | 3.60% | 0.337% |
| 44 | 12.549 | 3530 | 3538 | 3546 | rVB2 | 137566 | 200076 | 7.87% | 0.738% |
| 45 | 12.649 | 3560 | 3569 | 3578 | rVV | 405146 | 625232 | 24.59% | 2.305% |
| 46 | 12.704 | 3578 | 3586 | 3601 | rVB | 378968 | 612530 | 24.09% | 2.258% |
| 47 | 12.787 | 3603 | 3612 | 3617 | rBV4 | 55678 | 87849 | 3.46% | 0.324% |
| 48 | 12.964 | 3659 | 3667 | 3677 | rVB2 | 113407 | 159315 | 6.27% | 0.587% |
| 49 | 13.083 | 3696 | 3704 | 3706 | rBV3 | 49470 | 61384 | 2.41% | 0.226% |
| 50 | 13.121 | 3707 | 3716 | 3726 | rVV2 | 566153 | 931451 | 36.63% | 3.434% |
| 51 | 13.183 | 3726 | 3735 | 3747 | rVV | 469652 | 758171 | 29.82% | 2.795% |
| 52 | 13.289 | 3759 | 3768 | 3786 | rVB3 | 136065 | 239256 | 9.41% | 0.882% |
| 53 | 13.385 | 3790 | 3798 | 3811 | rVB2 | 85717 | 154336 | 6.07% | 0.569% |
| 54 | 13.456 | 3811 | 3820 | 3829 | rBV4 | 125427 | 195190 | 7.68% | 0.720% |
| 55 | 13.511 | 3829 | 3837 | 3843 | rBV3 | 57023 | 93369 | 3.67% | 0.344% |
| 56 | 13.549 | 3844 | 3849 | 3860 | rVB6 | 28855 | 43911 | 1.73% | 0.162% |
| 57 | 13.678 | 3883 | 3889 | 3897 | rBV10 | 15525 | 29132 | 1.15% | 0.107% |
| 58 | 13.742 | 3898 | 3909 | 3919 | rBV | 252170 | 415395 | 16.34% | 1.531% |
| 59 | 13.858 | 3939 | 3945 | 3950 | rBV7 | 18732 | 28750 | 1.13% | 0.106% |
| 60 | 14.012 | 3987 | 3993 | 4006 | rBV8 | 14813 | 36897 | 1.45% | 0.136% |
| 61 | 14.147 | 4026 | 4035 | 4041 | rBV6 | 71627 | 127121 | 5.00% | 0.469% |
| 62 | 14.183 | 4042 | 4046 | 4061 | rVB2 | 53270 | 90059 | 3.54% | 0.332% |
| 63 | 14.337 | 4086 | 4094 | 4105 | rVB6 | 40884 | 87303 | 3.43% | 0.322% |
| 64 | 14.398 | 4106 | 4113 | 4123 | rBV6 | 24155 | 43591 | 1.71% | 0.161% |
| 65 | 14.549 | 4151 | 4160 | 4174 | rVB6 | 34528 | 70447 | 2.77% | 0.260% |
| 66 | 14.710 | 4206 | 4210 | 4217 | rVB4 | 24135 | 31098 | 1.22% | 0.115% |
| 67 | 14.752 | 4218 | 4223 | 4239 | rVB3 | 30138 | 45916 | 1.81% | 0.169% |
| 68 | 14.877 | 4253 | 4262 | 4276 | rVB2 | 137216 | 261064 | 10.27% | 0.962% |
| 69 | 15.060 | 4311 | 4319 | 4336 | rBV3 | 92649 | 189801 | 7.46% | 0.700% |
| 70 | 15.195 | 4353 | 4361 | 4370 | rBV6 | 31409 | 54071 | 2.13% | 0.199% |
| 71 | 15.662 | 4499 | 4506 | 4515 | rVB2 | 44921 | 62704 | 2.47% | 0.231% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110618\
Data File : VU027985.D
Acq On : 06 Nov 2018 14:27
Operator : MD/SY
Sample : J5822-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** MW-11

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\82U110218W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 15.977 | 4598 | 4604 | 4614 | rVB | 25361 | 35028 | 1.38% | 0.129% |
| 73 | 16.067 | 4624 | 4632 | 4638 | rBV4 | 20797 | 31854 | 1.25% | 0.117% |

Sum of corrected areas: 27124939

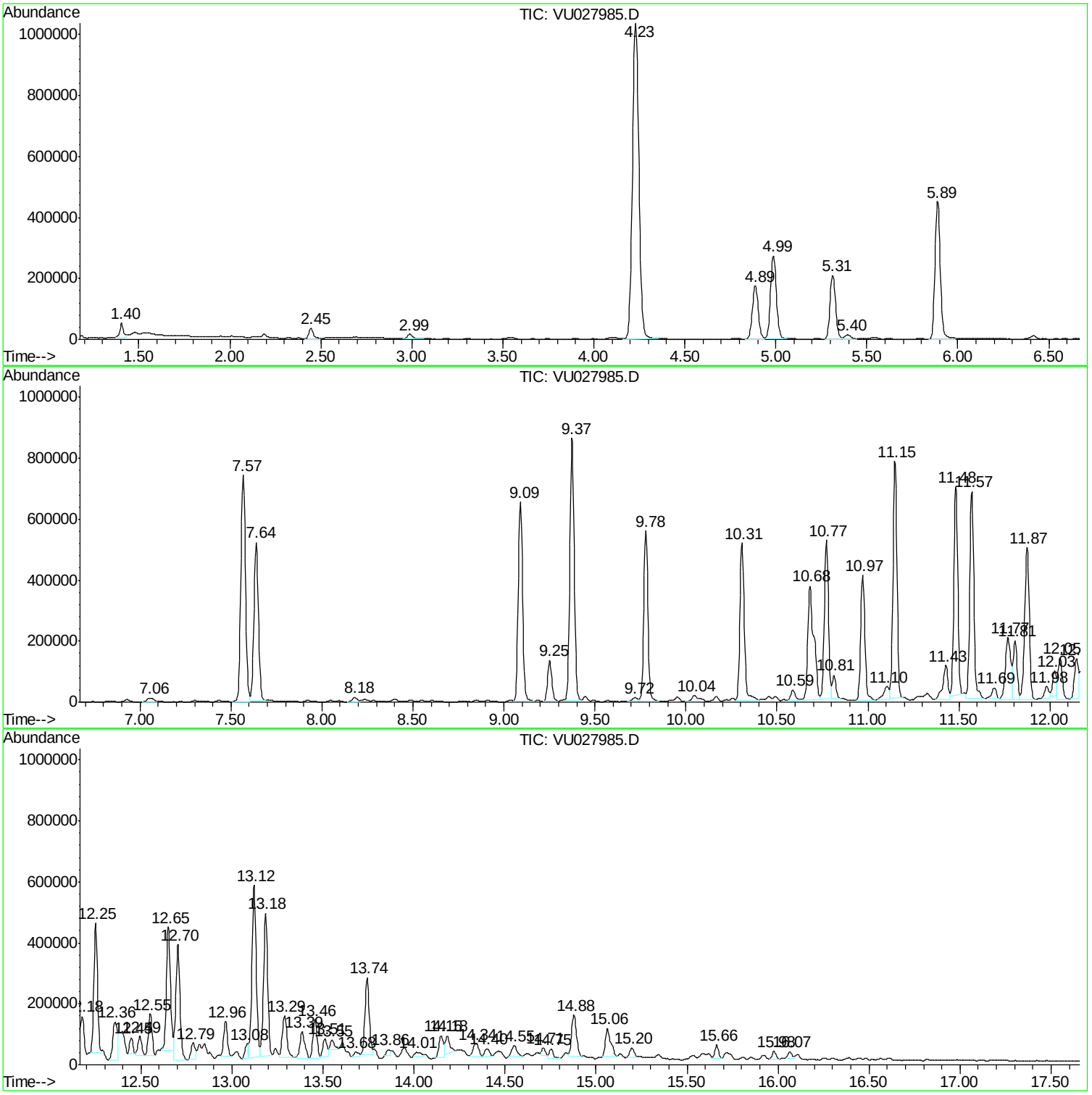
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110618\
Data File : VU027985.D
Acq On : 06 Nov 2018 14:27
Operator : MD/SY
Sample : J5822-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** MW-11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.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\VU110618\
Data File : VU027985.D
Acq On : 06 Nov 2018 14:27
Operator : MD/SY
Sample : J5822-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** MW-11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260

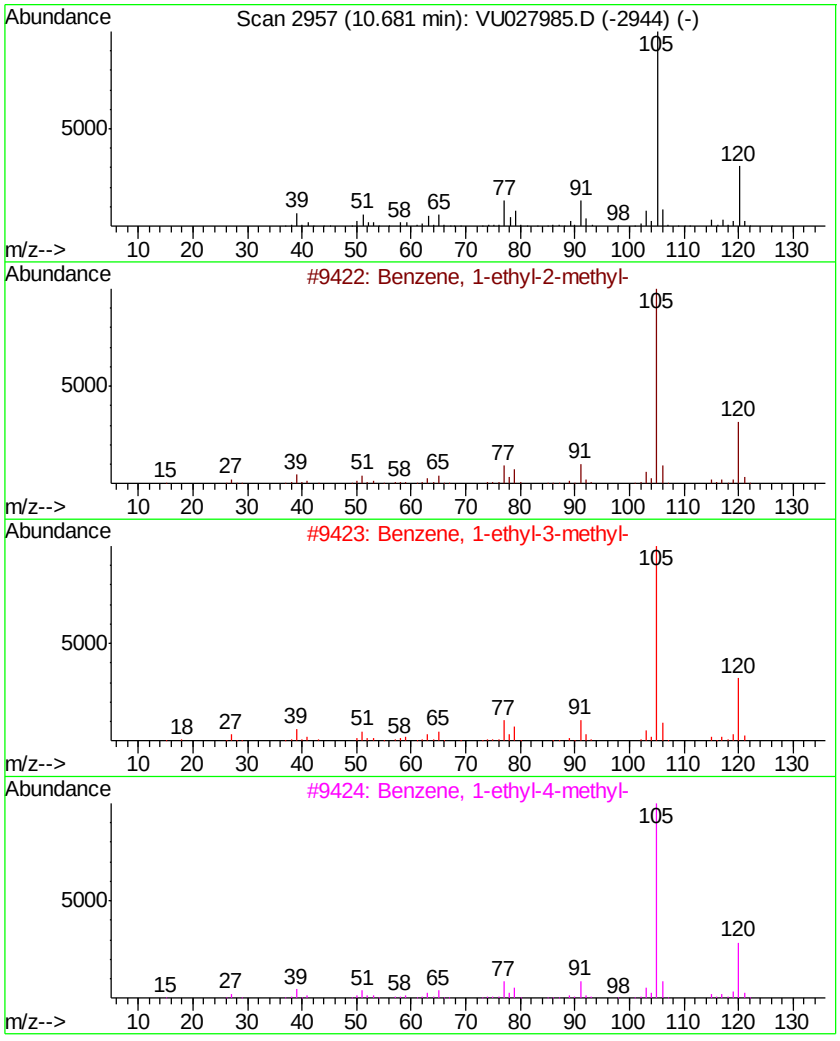
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

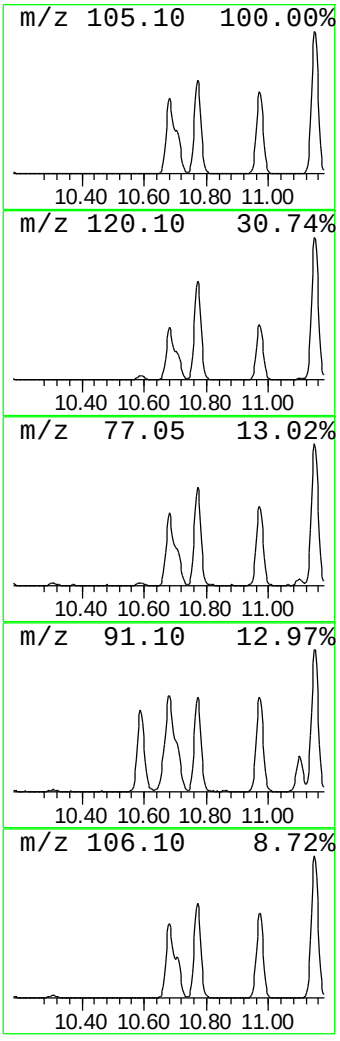
**********

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.68 | 40.95 ug/l | 843734 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 2 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 94 |
| 3 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110618\
Data File : VU027985.D
Acq On : 06 Nov 2018 14:27
Operator : MD/SY
Sample : J5822-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** MW-11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260

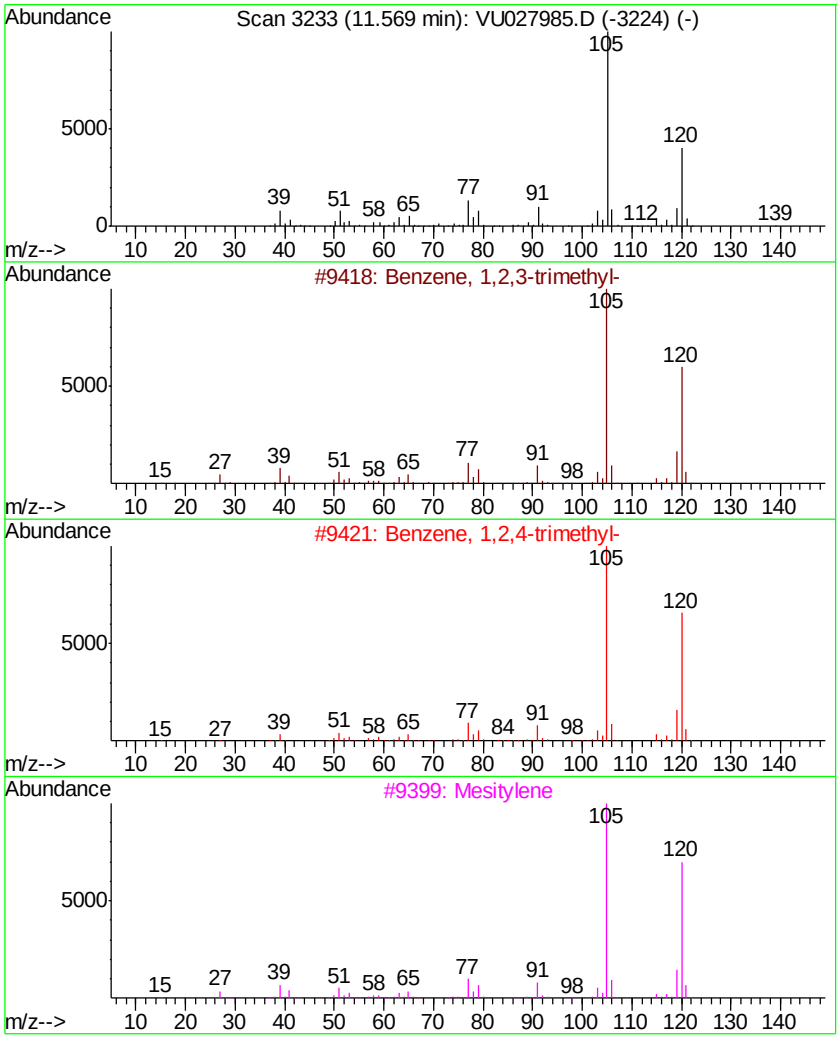
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

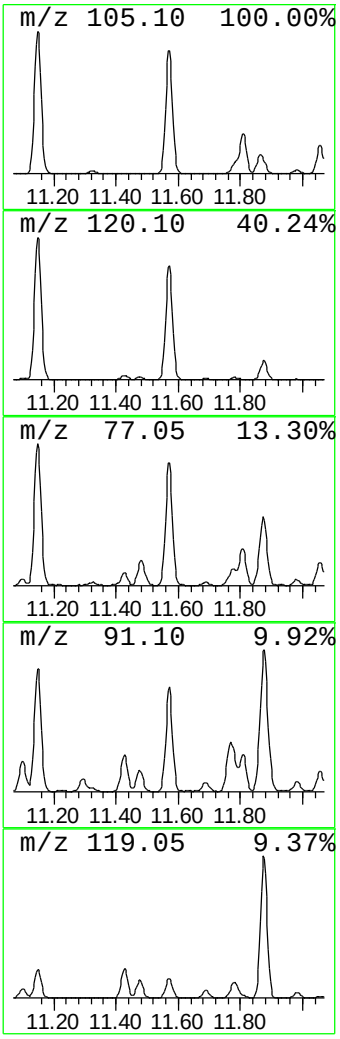
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.57 | 52.56 ug/l | 1082910 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 2 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 90 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 87 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110618\
Data File : VU027985.D
Acq On : 06 Nov 2018 14:27
Operator : MD/SY
Sample : J5822-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** MW-11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260

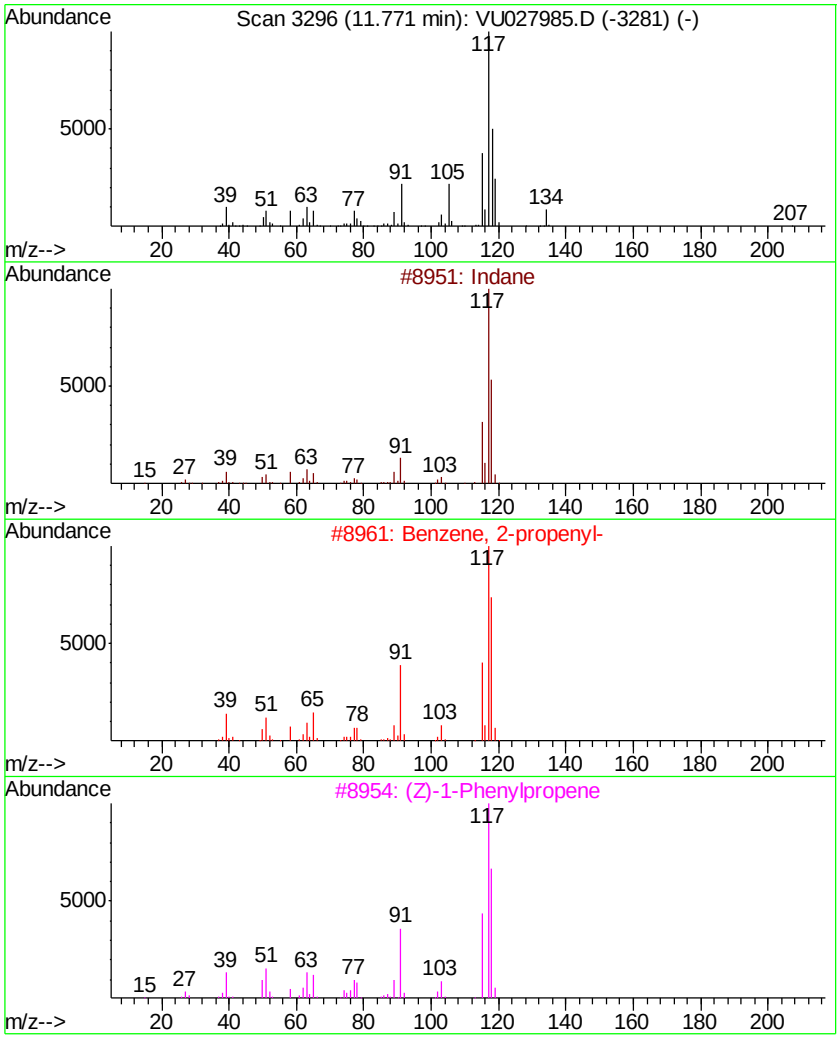
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

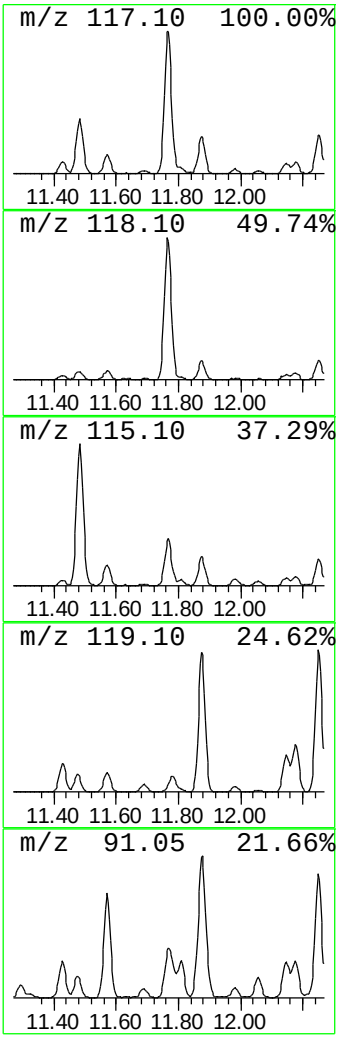
**********

Peak Number 4 Indane Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.77 | 20.00 ug/l | 411996 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 76 |
| 2 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 76 |
| 3 | (Z)-1-Phenylpropene | 118 | C9H10 | 000766-90-5 | 76 |
| 4 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 64 |
| 5 | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10 | 1000191-13-7 | 58 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110618\
Data File : VU027985.D
Acq On : 06 Nov 2018 14:27
Operator : MD/SY
Sample : J5822-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** MW-11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260

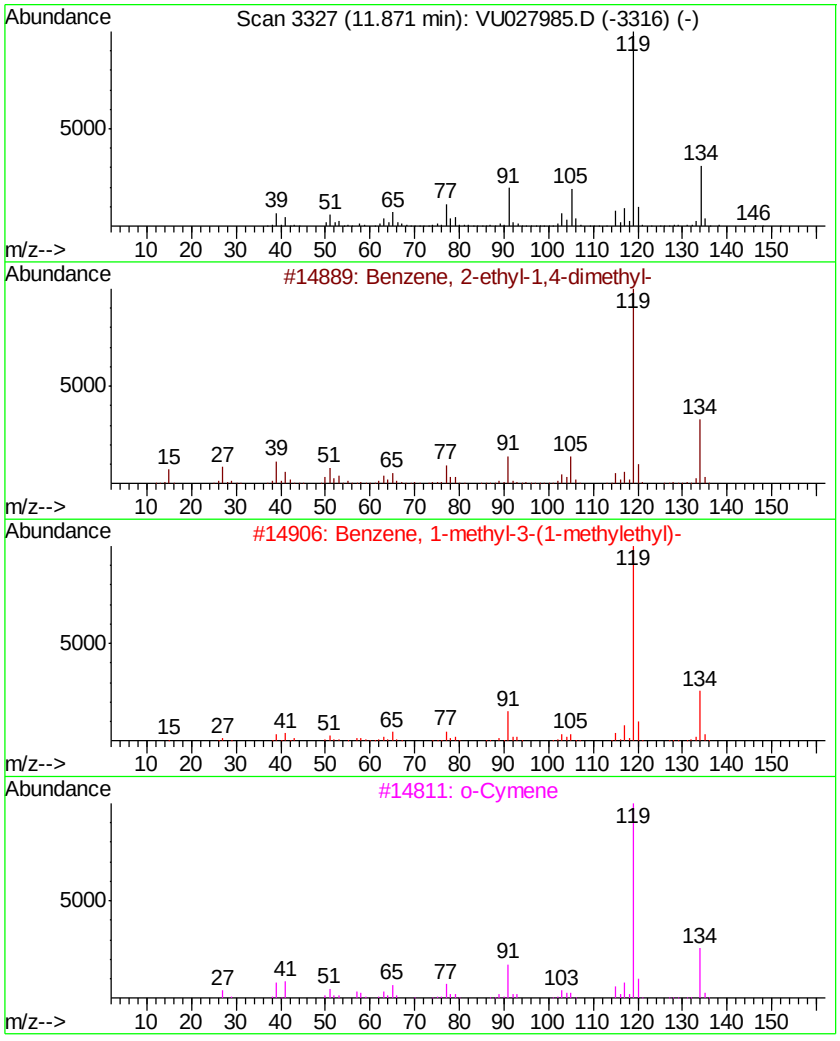
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

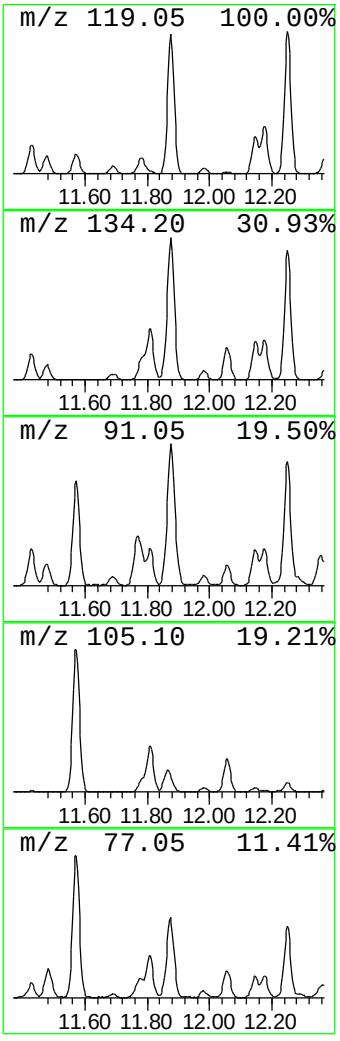
**********

Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.87 | 41.72 ug/l | 859527 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 96 |
| 2 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 95 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 4 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 94 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 94 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110618\
Data File : VU027985.D
Acq On : 06 Nov 2018 14:27
Operator : MD/SY
Sample : J5822-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** MW-11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260

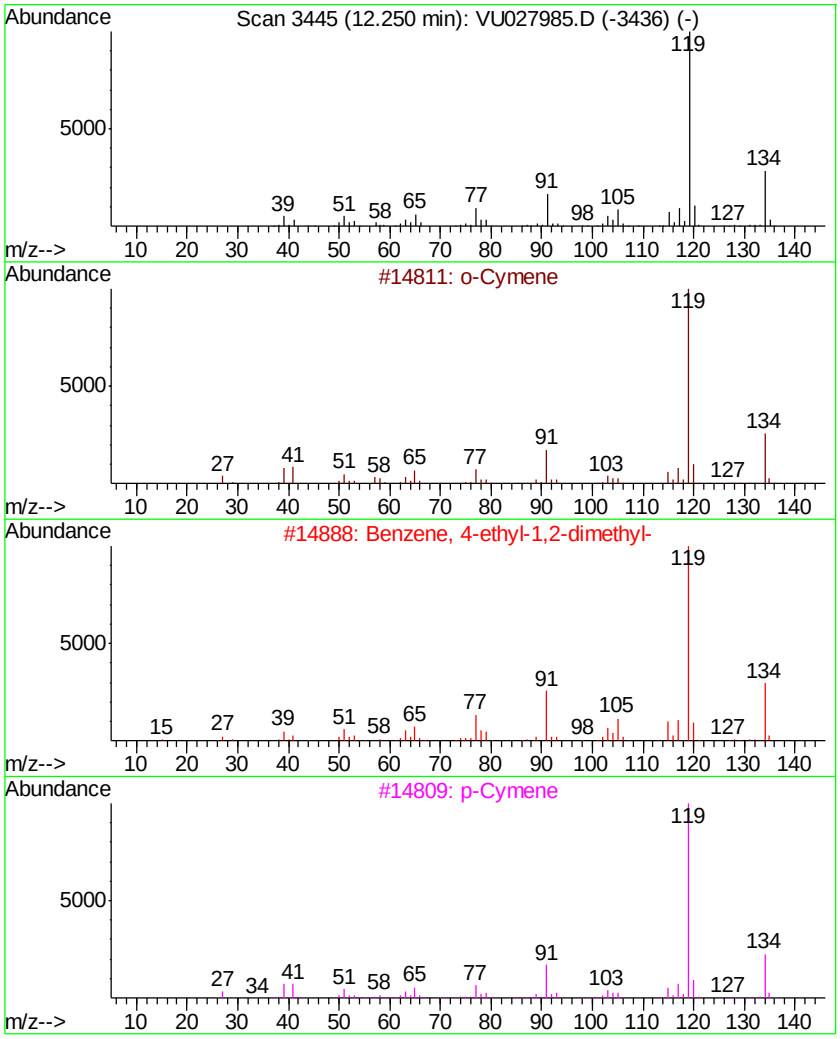
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

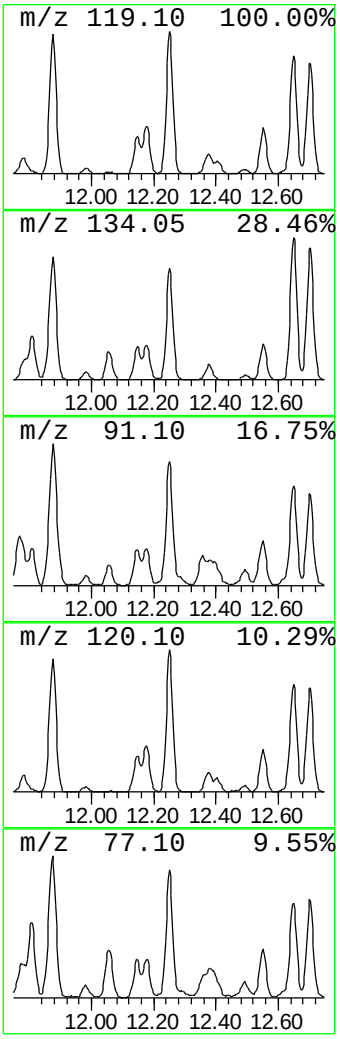
**********

Peak Number 6 o-Cymene Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.25 | 28.81 ug/l | 593516 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 97 |
| 2 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 95 |
| 3 | p-Cymene | 134 | C10H14 | 000099-87-6 | 95 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 95 |
| 5 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 94 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110618\
Data File : VU027985.D
Acq On : 06 Nov 2018 14:27
Operator : MD/SY
Sample : J5822-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** MW-11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260

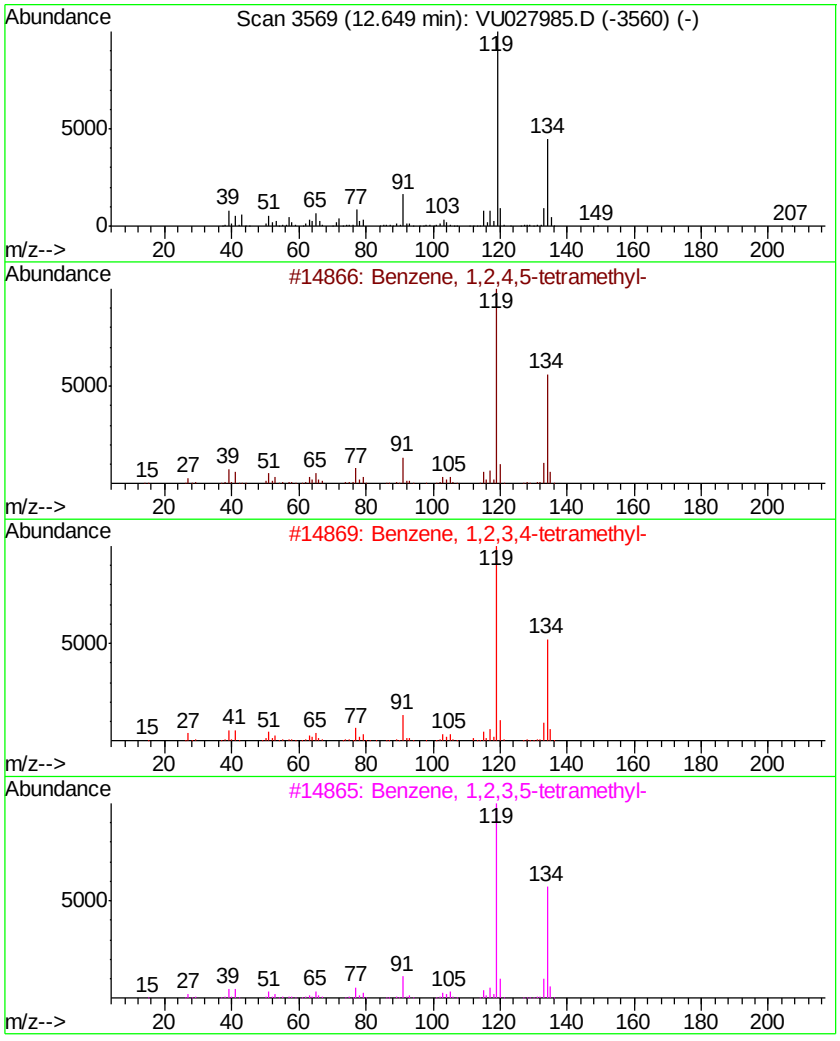
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

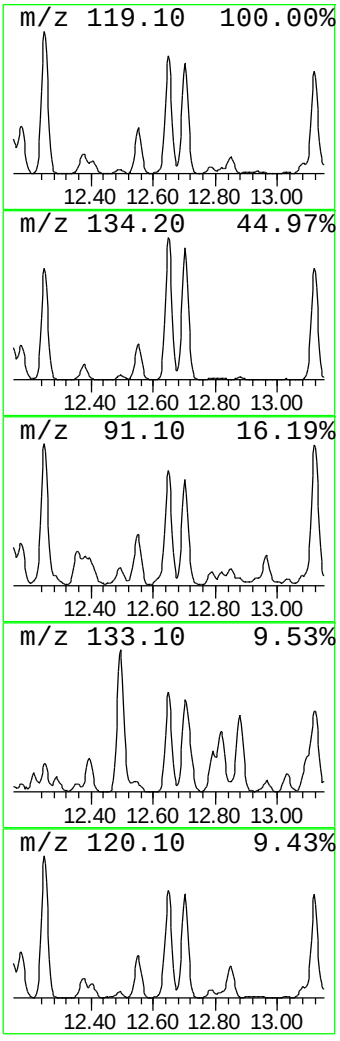
**********

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.65 | 30.35 ug/l | 625232 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 95 |
| 2 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 94 |
| 3 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 94 |
| 4 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 93 |
| 5 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 91 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110618\
Data File : VU027985.D
Acq On : 06 Nov 2018 14:27
Operator : MD/SY
Sample : J5822-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** MW-11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260

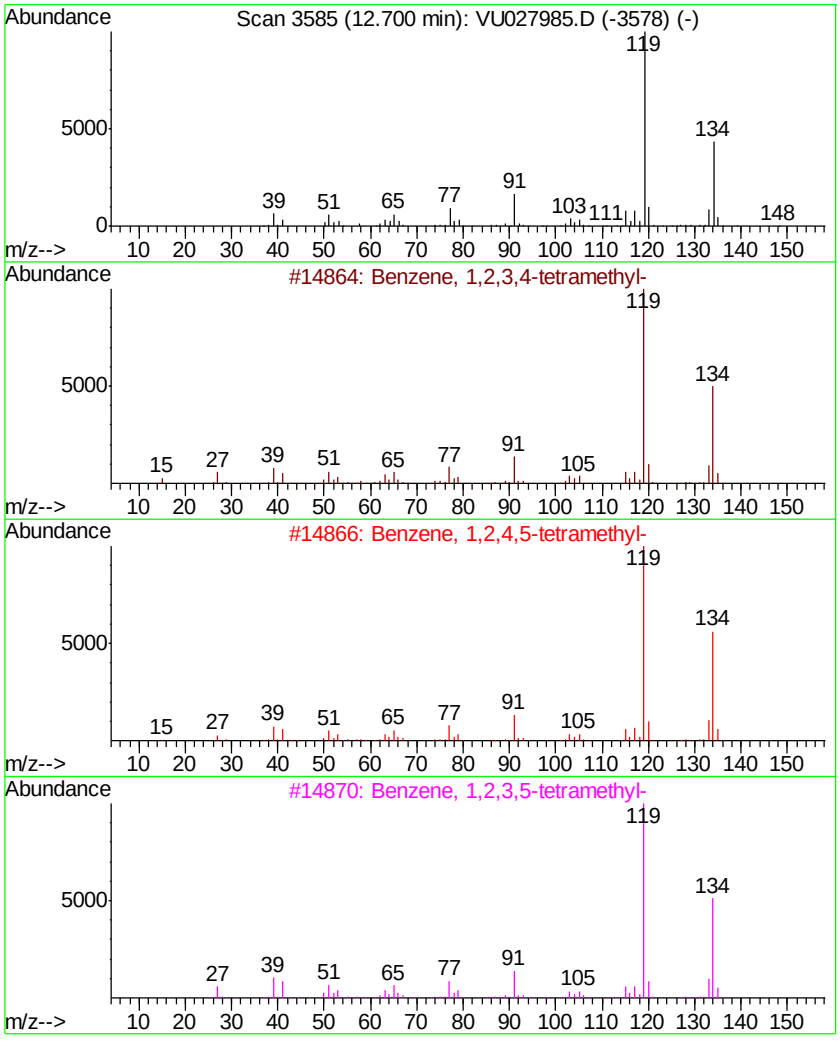
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

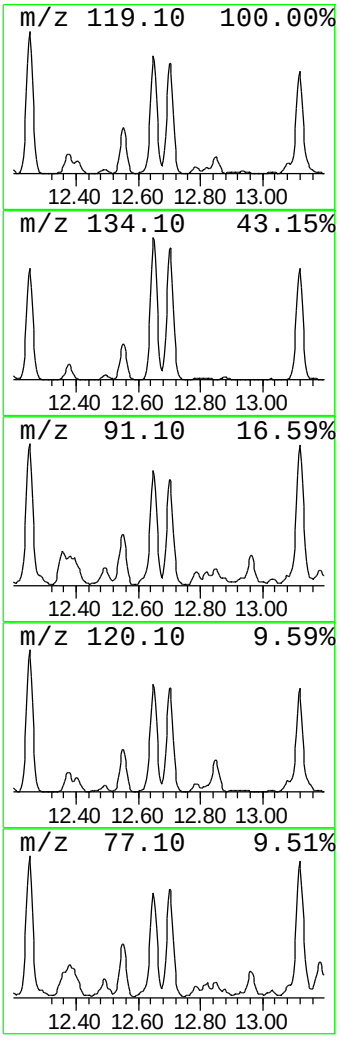
**********

Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.70 | 29.73 ug/l | 612530 | 1,4-Dichlorobenzene-d4 | 11.48 |

| 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 | 95 |
| 3 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 95 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 93 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110618\
Data File : VU027985.D
Acq On : 06 Nov 2018 14:27
Operator : MD/SY
Sample : J5822-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** MW-11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260

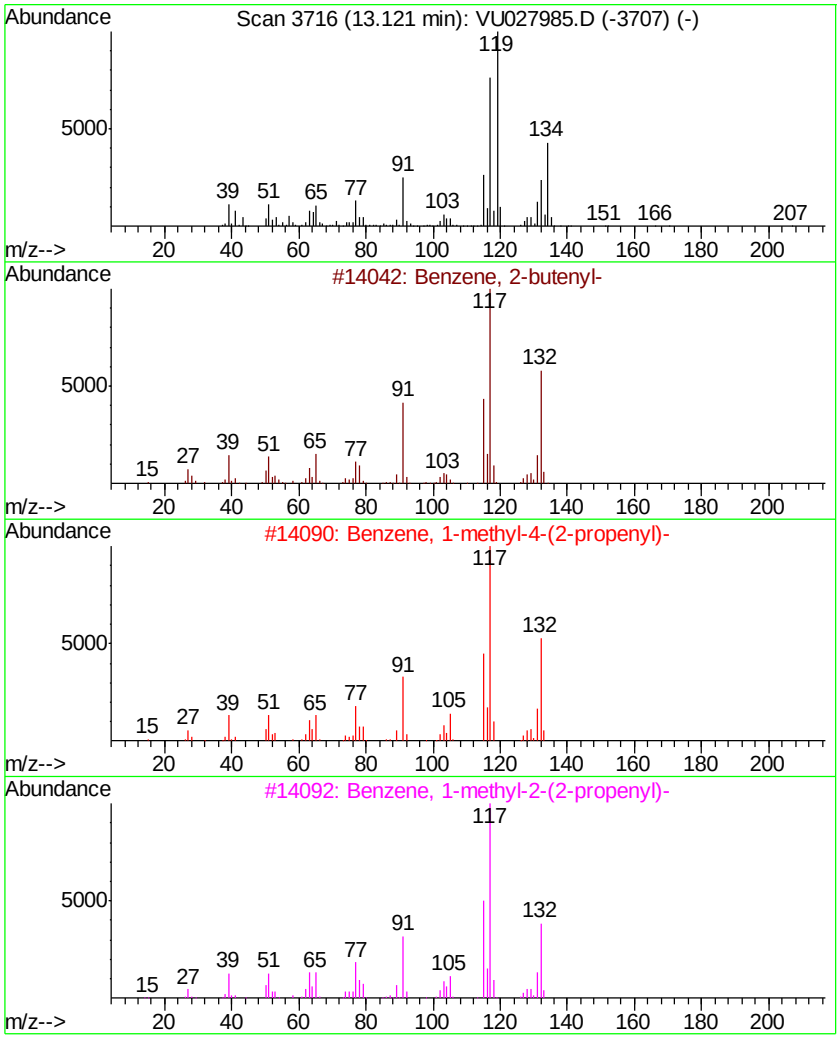
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

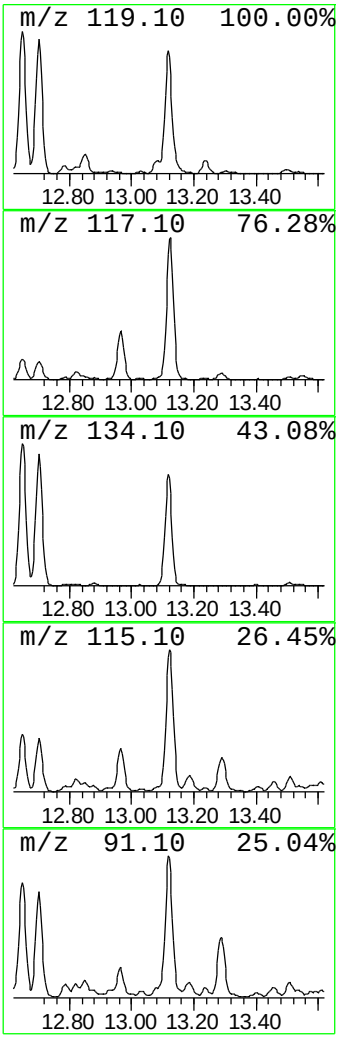
**********

Peak Number 9 Benzene, 2-butenyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.12 | 45.21 ug/l | 931451 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 64 |
| 2 | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12 | 003333-13-9 | 64 |
| 3 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 64 |
| 4 | p-Cymene | 134 | C10H14 | 000099-87-6 | 55 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 55 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110618\
Data File : VU027985.D
Acq On : 06 Nov 2018 14:27
Operator : MD/SY
Sample : J5822-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** MW-11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260

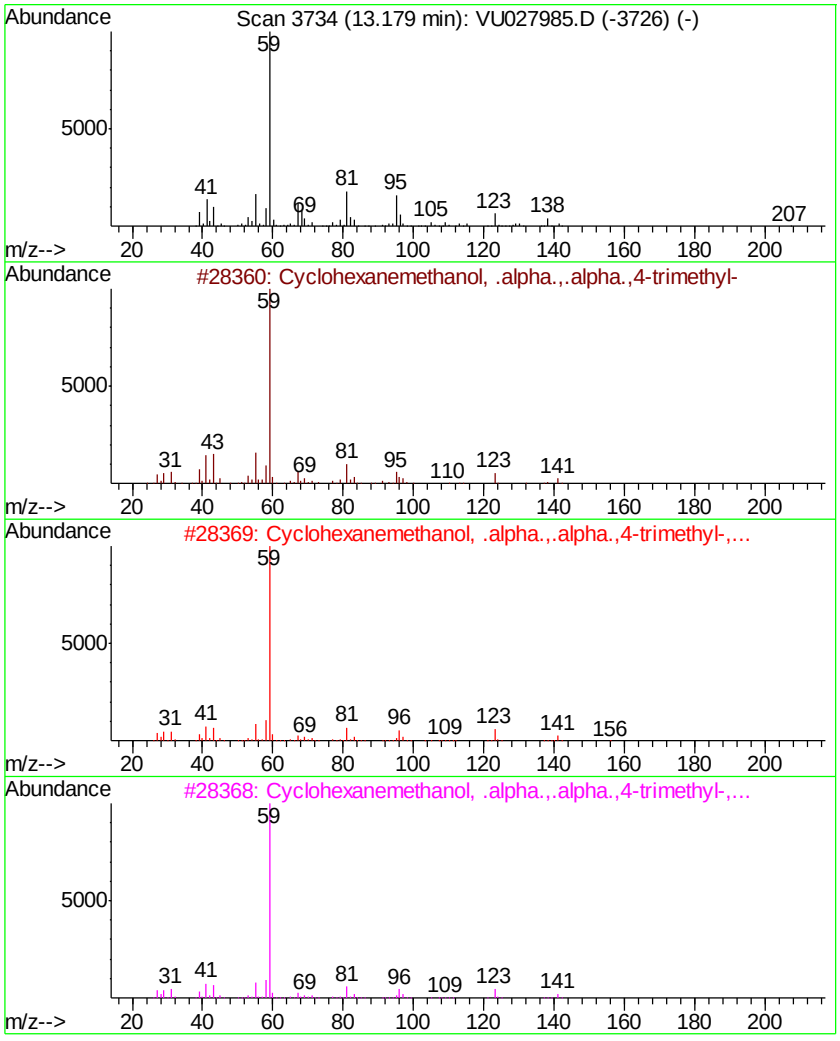
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

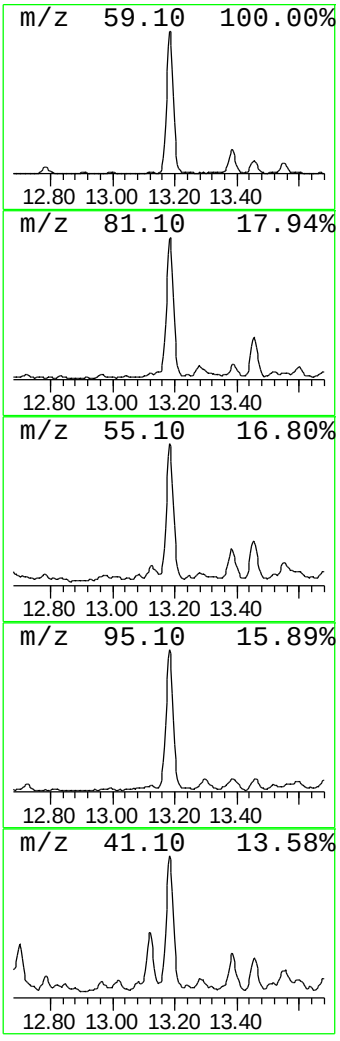
**********

Peak Number 10 Cyclohexanemethanol, .alpha... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.18 | 36.80 ug/l | 758171 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexanemethanol, .alpha.,.al... | 156 | C10H20O | 000498-81-7 | 64 |
| 2 | Cyclohexanemethanol, .alpha.,.al... | 156 | C10H20O | 005114-00-1 | 50 |
| 3 | Cyclohexanemethanol, .alpha.,.al... | 156 | C10H20O | 007322-63-6 | 45 |
| 4 | 2,4-Dimethyl-4-penten-2-ol | 114 | C7H14O | 019781-53-4 | 42 |
| 5 | 2-Cyclobutyl-2-propanol | 114 | C7H14O | 059383-67-4 | 38 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110618\
Data File : VU027985.D
Acq On : 06 Nov 2018 14:27
Operator : MD/SY
Sample : J5822-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** MW-11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.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 |
| Benzene, 1-ethyl-... | 10.68 | 41.0 | ug/l | 843734 | 4 | 11.48 | 1030120 | 50.0 |
| Benzene, 1,2,3-tr... | 11.57 | 52.6 | ug/l | 1082910 | 4 | 11.48 | 1030120 | 50.0 |
| Indane | 11.77 | 20.0 | ug/l | 411996 | 4 | 11.48 | 1030120 | 50.0 |
| Benzene, 2-ethyl-... | 11.87 | 41.7 | ug/l | 859527 | 4 | 11.48 | 1030120 | 50.0 |
| o-Cymene | 12.25 | 28.8 | ug/l | 593516 | 4 | 11.48 | 1030120 | 50.0 |
| Benzene, 1,2,4,5-... | 12.65 | 30.4 | ug/l | 625232 | 4 | 11.48 | 1030120 | 50.0 |
| Benzene, 1,2,3,4-... | 12.70 | 29.7 | ug/l | 612530 | 4 | 11.48 | 1030120 | 50.0 |
| Benzene, 2-butenyl- | 13.12 | 45.2 | ug/l | 931451 | 4 | 11.48 | 1030120 | 50.0 |
| Cyclohexanemethan... | 13.18 | 36.8 | ug/l | 758171 | 4 | 11.48 | 1030120 | 50.0 |