LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
Data File : VU024545.D
Acq On : 14 Jun 2018 17:16
Operator : MD/SY
Sample : J3443-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** T3-MW-7-10.0-061118

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\82U061318W.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 | 1.092 | 147 | 156 | 177 | rBV | 1204372 | 1388098 | 100.00% | 9.666% |
| 2 | 2.320 | 531 | 538 | 555 | rVB | 10820 | 21223 | 1.53% | 0.148% |
| 3 | 2.445 | 568 | 577 | 588 | rBV2 | 14642 | 24571 | 1.77% | 0.171% |
| 4 | 2.796 | 677 | 686 | 703 | rVB2 | 22455 | 47221 | 3.40% | 0.329% |
| 5 | 3.005 | 735 | 751 | 771 | rBV2 | 22232 | 52523 | 3.78% | 0.366% |
| 6 | 3.564 | 911 | 925 | 936 | rBV6 | 6499 | 15877 | 1.14% | 0.111% |
| 7 | 3.667 | 945 | 957 | 970 | rBV5 | 6236 | 14271 | 1.03% | 0.099% |
| 8 | 3.899 | 1018 | 1029 | 1044 | rVB8 | 5777 | 14180 | 1.02% | 0.099% |
| 9 | 4.101 | 1077 | 1092 | 1108 | rBV2 | 33836 | 89416 | 6.44% | 0.623% |
| 10 | 4.188 | 1112 | 1119 | 1136 | rVB2 | 5886 | 15763 | 1.14% | 0.110% |
| 11 | 4.786 | 1294 | 1305 | 1315 | rVB3 | 8537 | 19282 | 1.39% | 0.134% |
| 12 | 4.889 | 1320 | 1337 | 1354 | rBV2 | 170636 | 388936 | 28.02% | 2.708% |
| 13 | 4.989 | 1354 | 1368 | 1389 | rVB | 228624 | 517349 | 37.27% | 3.603% |
| 14 | 5.317 | 1454 | 1470 | 1488 | rBV | 168494 | 363299 | 26.17% | 2.530% |
| 15 | 5.526 | 1513 | 1535 | 1550 | rBV5 | 11118 | 32779 | 2.36% | 0.228% |
| 16 | 5.892 | 1636 | 1649 | 1673 | rBV | 325097 | 676414 | 48.73% | 4.710% |
| 17 | 6.230 | 1745 | 1754 | 1767 | rVB6 | 6899 | 16142 | 1.16% | 0.112% |
| 18 | 6.419 | 1798 | 1813 | 1824 | rVB6 | 13753 | 36160 | 2.61% | 0.252% |
| 19 | 6.844 | 1927 | 1945 | 1956 | rBV8 | 8185 | 26241 | 1.89% | 0.183% |
| 20 | 7.072 | 2001 | 2016 | 2027 | rBV2 | 22255 | 46089 | 3.32% | 0.321% |
| 21 | 7.435 | 2117 | 2129 | 2140 | rBV3 | 15937 | 29045 | 2.09% | 0.202% |
| 22 | 7.570 | 2150 | 2171 | 2189 | rBV | 634637 | 1134706 | 81.75% | 7.902% |
| 23 | 9.095 | 2632 | 2645 | 2667 | rBV | 500776 | 850087 | 61.24% | 5.920% |
| 24 | 9.381 | 2718 | 2734 | 2749 | rVB2 | 19075 | 39343 | 2.83% | 0.274% |
| 25 | 9.747 | 2828 | 2848 | 2857 | rBV4 | 12030 | 29215 | 2.10% | 0.203% |
| 26 | 9.959 | 2905 | 2914 | 2924 | rVB3 | 18154 | 30129 | 2.17% | 0.210% |
| 27 | 10.053 | 2930 | 2943 | 2954 | rBV10 | 7171 | 15154 | 1.09% | 0.106% |
| 28 | 10.168 | 2969 | 2979 | 2991 | rBV | 100999 | 154857 | 11.16% | 1.078% |
| 29 | 10.310 | 3011 | 3023 | 3038 | rBV | 506985 | 822787 | 59.27% | 5.730% |
| 30 | 10.590 | 3100 | 3110 | 3126 | rVB | 40573 | 69163 | 4.98% | 0.482% |
| 31 | 10.979 | 3221 | 3231 | 3245 | rVB2 | 32911 | 58374 | 4.21% | 0.407% |
| 32 | 11.104 | 3260 | 3270 | 3283 | rVB | 39756 | 63264 | 4.56% | 0.441% |
| 33 | 11.294 | 3316 | 3329 | 3334 | rBV | 61111 | 101357 | 7.30% | 0.706% |
| 34 | 11.326 | 3334 | 3339 | 3353 | rVB | 88049 | 131908 | 9.50% | 0.919% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
Data File : VU024545.D
Acq On : 14 Jun 2018 17:16
Operator : MD/SY
Sample : J3443-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** T3-MW-7-10.0-061118

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\82U061318W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 11.487 | 3376 | 3389 | 3407 | rBV | 648873 | 1028940 | 74.13% | 7.165% |
| 36 | 11.692 | 3442 | 3453 | 3464 | rBV | 65969 | 102166 | 7.36% | 0.711% |
| 37 | 11.770 | 3464 | 3477 | 3498 | rVB2 | 751292 | 1384233 | 99.72% | 9.639% |
| 38 | 11.892 | 3503 | 3515 | 3527 | rVB | 22291 | 40806 | 2.94% | 0.284% |
| 39 | 11.985 | 3532 | 3544 | 3556 | rBV | 95467 | 150827 | 10.87% | 1.050% |
| 40 | 12.065 | 3560 | 3569 | 3577 | rVB3 | 8802 | 14702 | 1.06% | 0.102% |
| 41 | 12.255 | 3612 | 3628 | 3633 | rBV | 209679 | 326849 | 23.55% | 2.276% |
| 42 | 12.291 | 3633 | 3639 | 3649 | rVV | 180290 | 279578 | 20.14% | 1.947% |
| 43 | 12.358 | 3649 | 3660 | 3679 | rVV2 | 422458 | 853704 | 61.50% | 5.945% |
| 44 | 12.438 | 3680 | 3685 | 3696 | rVB | 20435 | 29393 | 2.12% | 0.205% |
| 45 | 12.541 | 3704 | 3717 | 3729 | rVB | 88551 | 145756 | 10.50% | 1.015% |
| 46 | 12.651 | 3733 | 3751 | 3765 | rBV | 369846 | 598074 | 43.09% | 4.165% |
| 47 | 12.792 | 3785 | 3795 | 3805 | rBV3 | 30911 | 49344 | 3.55% | 0.344% |
| 48 | 12.882 | 3814 | 3823 | 3829 | rBV | 23710 | 33024 | 2.38% | 0.230% |
| 49 | 12.927 | 3829 | 3837 | 3843 | rBV2 | 41511 | 67647 | 4.87% | 0.471% |
| 50 | 12.966 | 3843 | 3849 | 3857 | rVB | 91560 | 127889 | 9.21% | 0.891% |
| 51 | 13.127 | 3876 | 3899 | 3910 | rBV3 | 403831 | 667260 | 48.07% | 4.647% |
| 52 | 13.197 | 3914 | 3921 | 3929 | rVB5 | 16660 | 27872 | 2.01% | 0.194% |
| 53 | 13.297 | 3944 | 3952 | 3968 | rVB7 | 22476 | 44926 | 3.24% | 0.313% |
| 54 | 13.413 | 3977 | 3988 | 3994 | rBV2 | 13600 | 24818 | 1.79% | 0.173% |
| 55 | 13.461 | 3994 | 4003 | 4011 | rVV3 | 45180 | 79360 | 5.72% | 0.553% |
| 56 | 13.512 | 4011 | 4019 | 4028 | rVV3 | 69217 | 109362 | 7.88% | 0.762% |
| 57 | 13.583 | 4028 | 4041 | 4045 | rVV3 | 43701 | 88285 | 6.36% | 0.615% |
| 58 | 13.612 | 4045 | 4050 | 4068 | rVB2 | 63053 | 119074 | 8.58% | 0.829% |
| 59 | 13.734 | 4079 | 4088 | 4097 | rBV3 | 9613 | 17305 | 1.25% | 0.121% |
| 60 | 13.789 | 4097 | 4105 | 4115 | rVB2 | 11709 | 20143 | 1.45% | 0.140% |
| 61 | 13.860 | 4116 | 4127 | 4138 | rBV2 | 32282 | 52886 | 3.81% | 0.368% |
| 62 | 13.953 | 4142 | 4156 | 4168 | rVV3 | 34181 | 67651 | 4.87% | 0.471% |
| 63 | 14.017 | 4169 | 4176 | 4186 | rVB3 | 14745 | 23533 | 1.70% | 0.164% |
| 64 | 14.159 | 4208 | 4220 | 4236 | rVB5 | 20468 | 47161 | 3.40% | 0.328% |
| 65 | 14.339 | 4267 | 4276 | 4293 | rBV3 | 31942 | 68064 | 4.90% | 0.474% |
| 66 | 14.477 | 4312 | 4319 | 4331 | rBV | 14034 | 24618 | 1.77% | 0.171% |
| 67 | 14.541 | 4332 | 4339 | 4351 | rVB3 | 21179 | 37610 | 2.71% | 0.262% |
| 68 | 14.680 | 4370 | 4382 | 4399 | rBV2 | 39769 | 68607 | 4.94% | 0.478% |
| 69 | 15.065 | 4492 | 4502 | 4517 | rBV | 61601 | 105453 | 7.60% | 0.734% |
| 70 | 15.921 | 4760 | 4768 | 4778 | rBV3 | 10459 | 18016 | 1.30% | 0.125% |
| 71 | 16.065 | 4803 | 4813 | 4820 | rBV3 | 22689 | 38788 | 2.79% | 0.270% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
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Acq On : 14 Jun 2018 17:16
Operator : MD/SY
Sample : J3443-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** T3-MW-7-10.0-061118

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\82U061318W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 16.104 | 4820 | 4825 | 4840 | rVB6 | 9901 | 15929 | 1.15% | 0.111% |
| 73 | 16.744 | 5015 | 5024 | 5037 | rBV3 | 14664 | 25165 | 1.81% | 0.175% |

Sum of corrected areas: 14360041

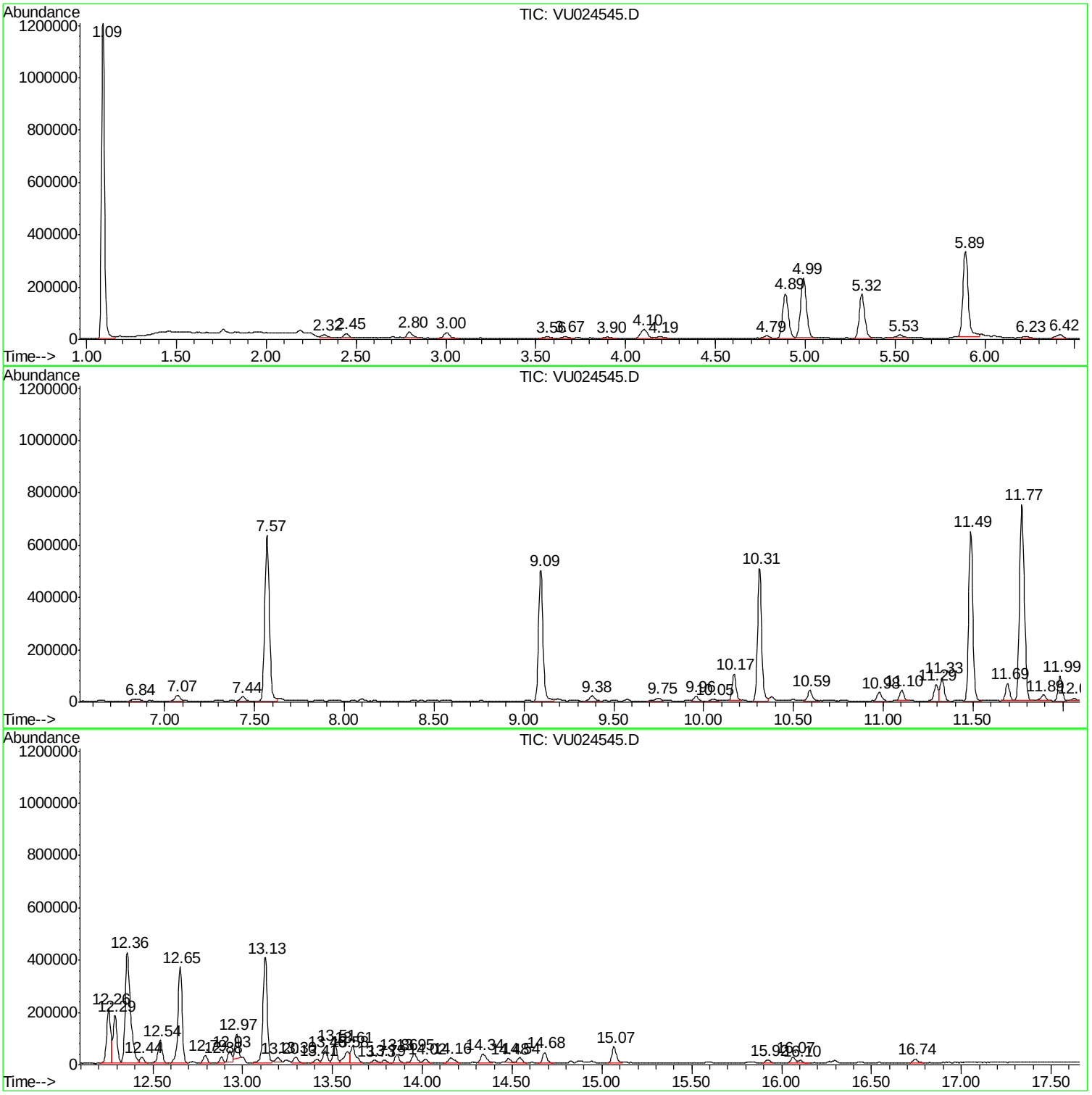
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061418\
Data File : VU024545.D
Acq On : 14 Jun 2018 17:16
Operator : MD/SY
Sample : J3443-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** T3-MW-7-10.0-061118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061418\
Data File : VU024545.D
Acq On : 14 Jun 2018 17:16
Operator : MD/SY
Sample : J3443-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** T3-MW-7-10.0-061118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

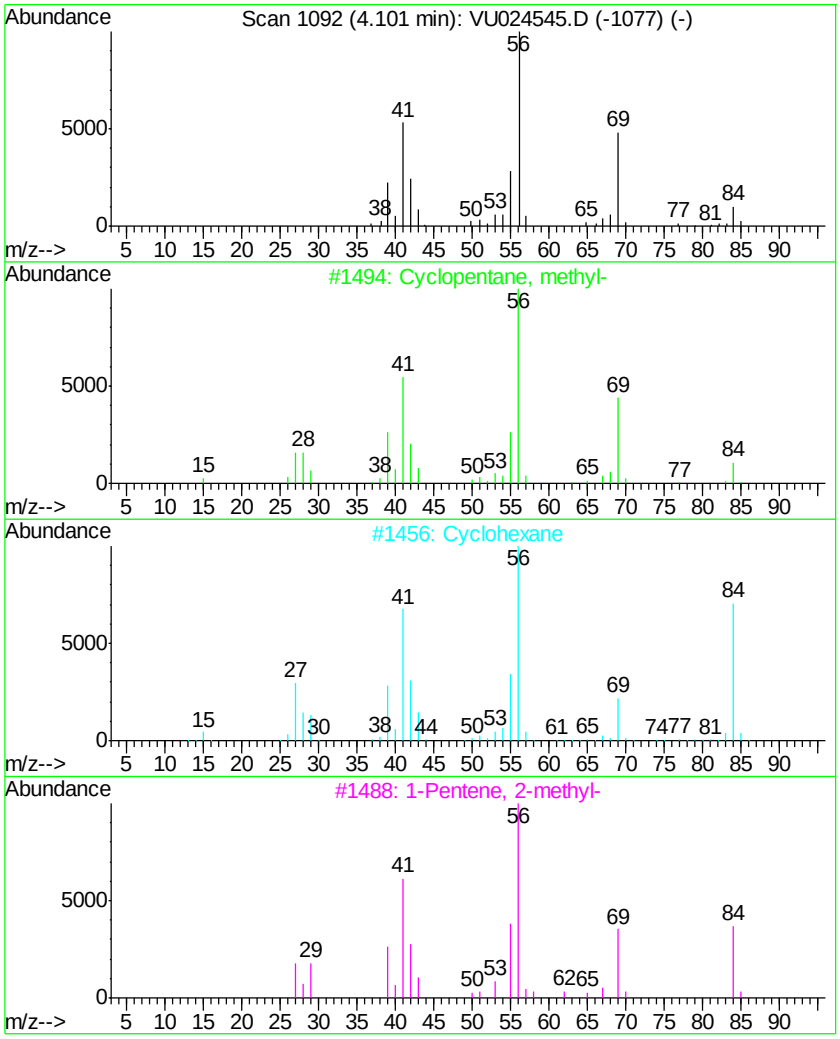
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

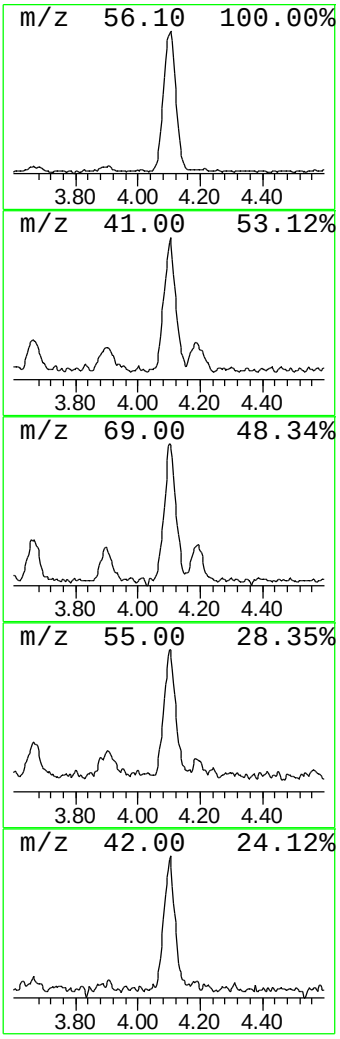
**********

Peak Number 2 Cyclopentane, methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.10 | 8.64 ug/l | 89416 | Pentafluorobenzene | 4.99 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 91 |
| 2 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 86 |
| 3 | 1-Pentene, 2-methyl- | 84 | C6H12 | 000763-29-1 | 86 |
| 4 | 1H-Tetrazole, 5-methyl- | 84 | C2H4N4 | 004076-36-2 | 72 |
| 5 | Cyclobutane, ethyl- | 84 | C6H12 | 004806-61-5 | 72 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061418\
Data File : VU024545.D
Acq On : 14 Jun 2018 17:16
Operator : MD/SY
Sample : J3443-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** T3-MW-7-10.0-061118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

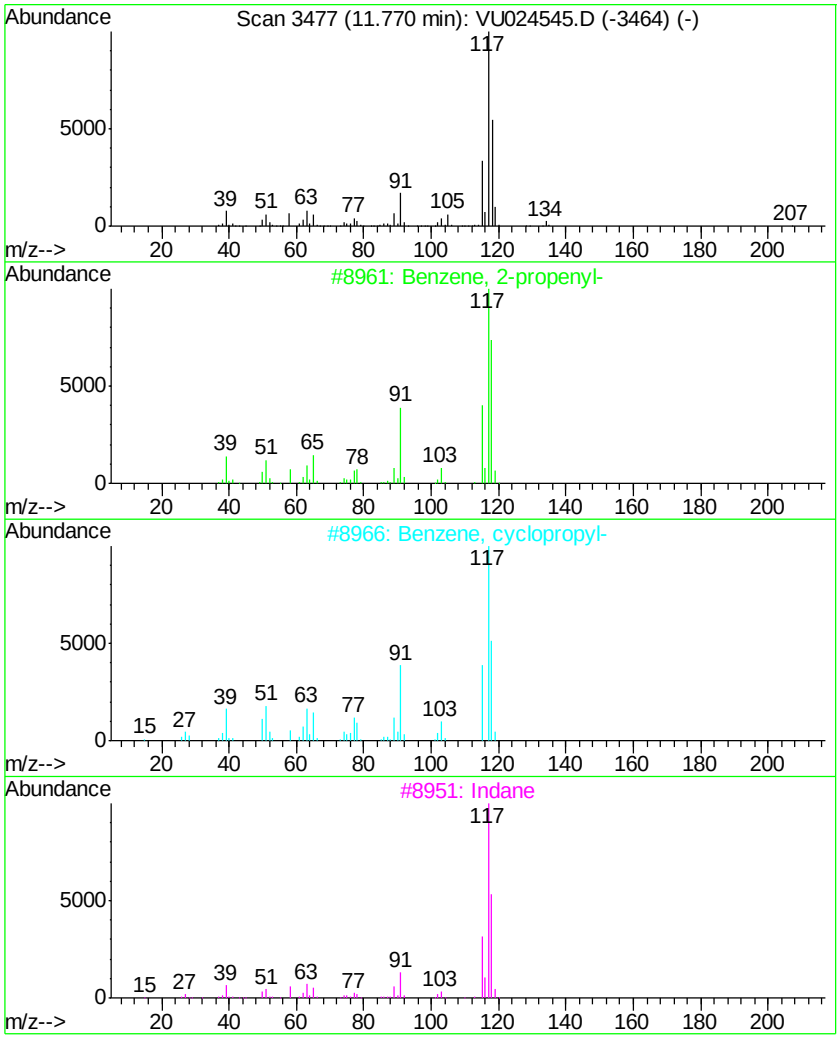
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

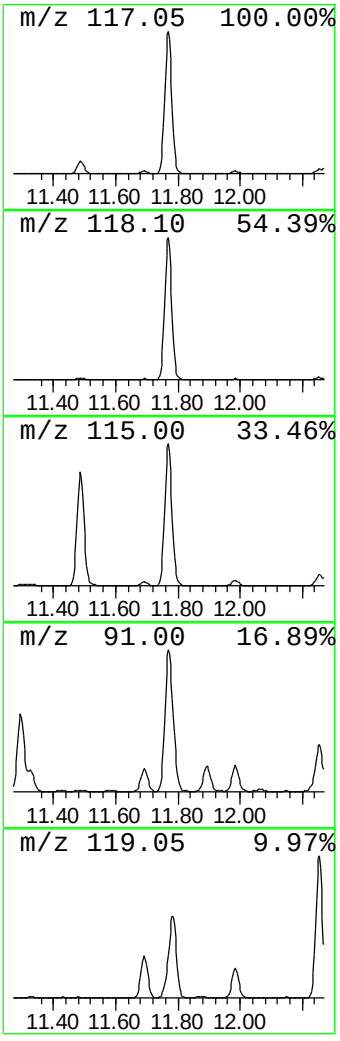
**********

Peak Number 3 Benzene, 2-propenyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.77 | 67.27 ug/l | 1384230 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 87 |
| 2 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 81 |
| 3 | Indane | 118 | C9H10 | 000496-11-7 | 81 |
| 4 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 74 |
| 5 | Deltacyclene | 118 | C9H10 | 007785-10-6 | 64 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061418\
Data File : VU024545.D
Acq On : 14 Jun 2018 17:16
Operator : MD/SY
Sample : J3443-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** T3-MW-7-10.0-061118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

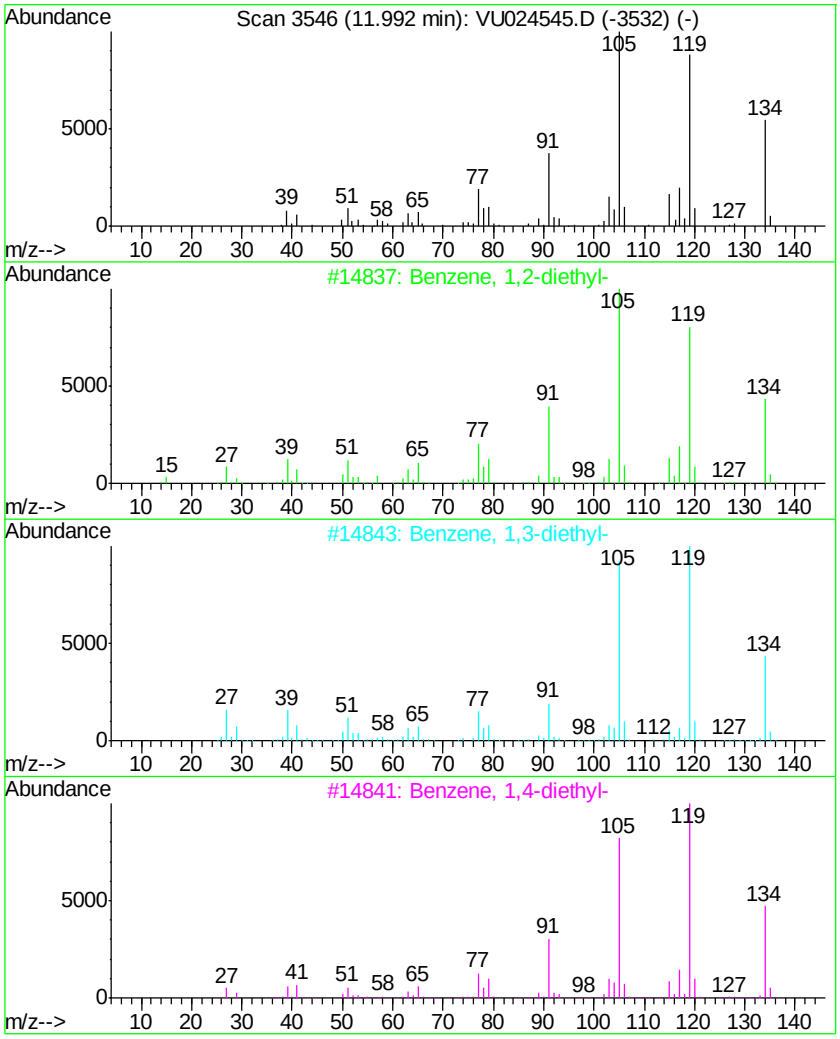
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

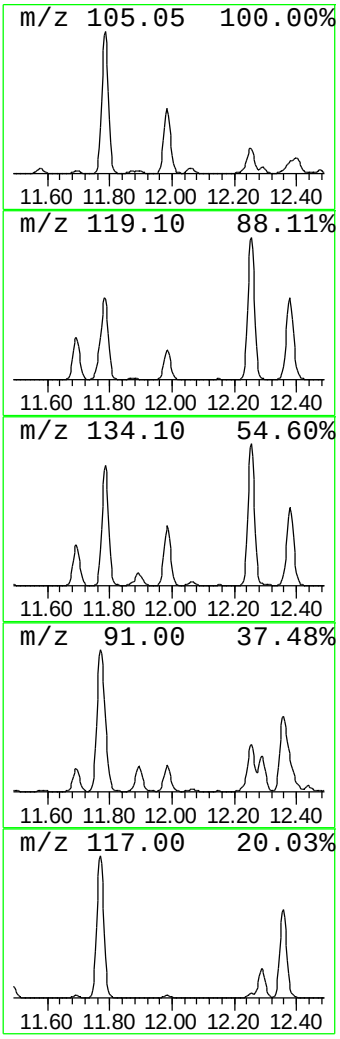
**********

Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.99 | 7.33 ug/l | 150827 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 97 |
| 2 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 90 |
| 3 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 87 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 76 |
| 5 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 72 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
Data File : VU024545.D
Acq On : 14 Jun 2018 17:16
Operator : MD/SY
Sample : J3443-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** T3-MW-7-10.0-061118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

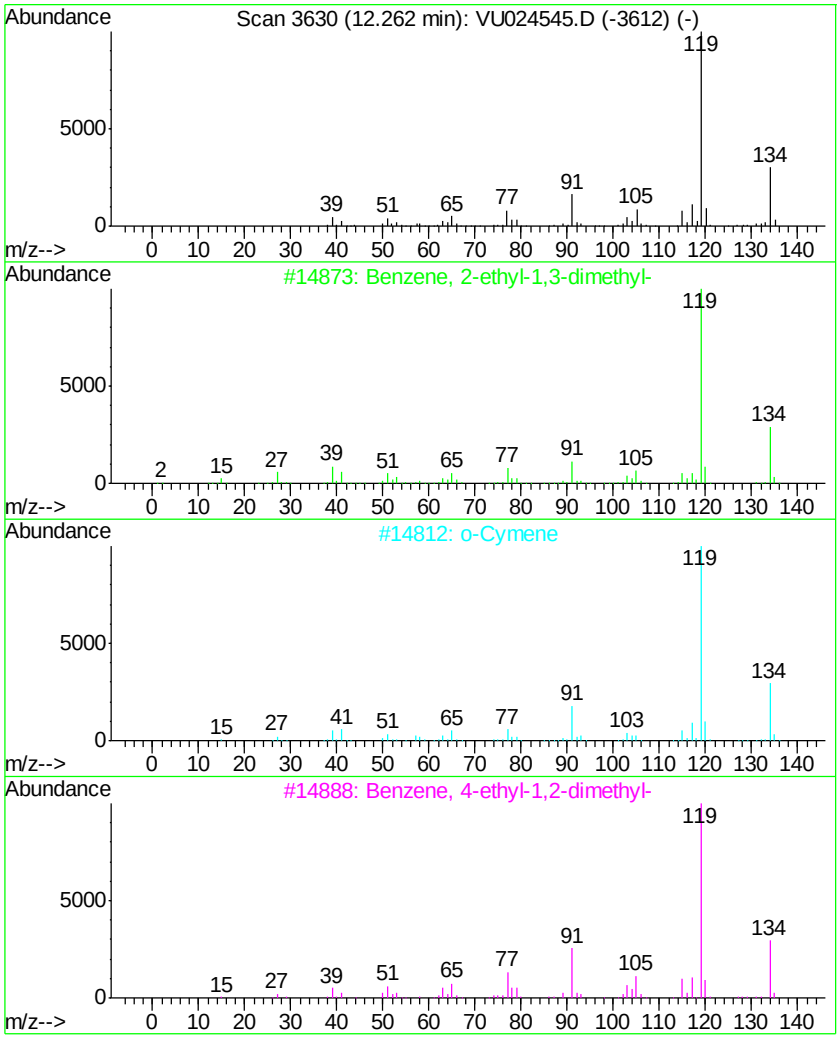
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

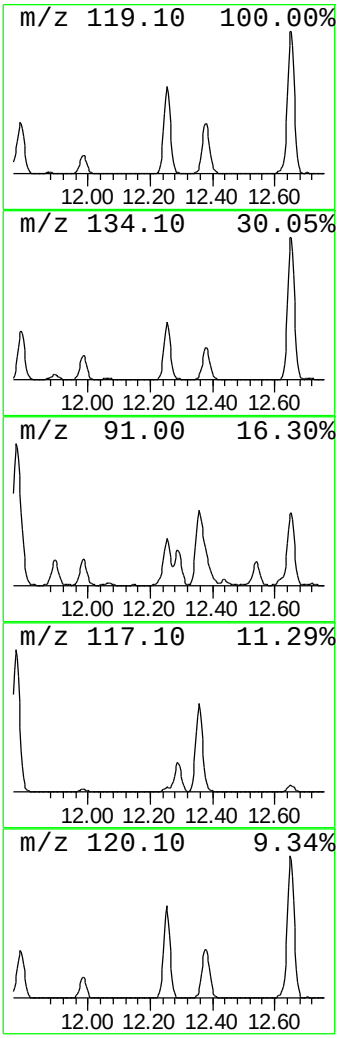
**********

Peak Number 5 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.26 | 15.88 ug/l | 326849 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 95 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 3 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 95 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 94 |
| 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\VU061418\
Data File : VU024545.D
Acq On : 14 Jun 2018 17:16
Operator : MD/SY
Sample : J3443-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** T3-MW-7-10.0-061118

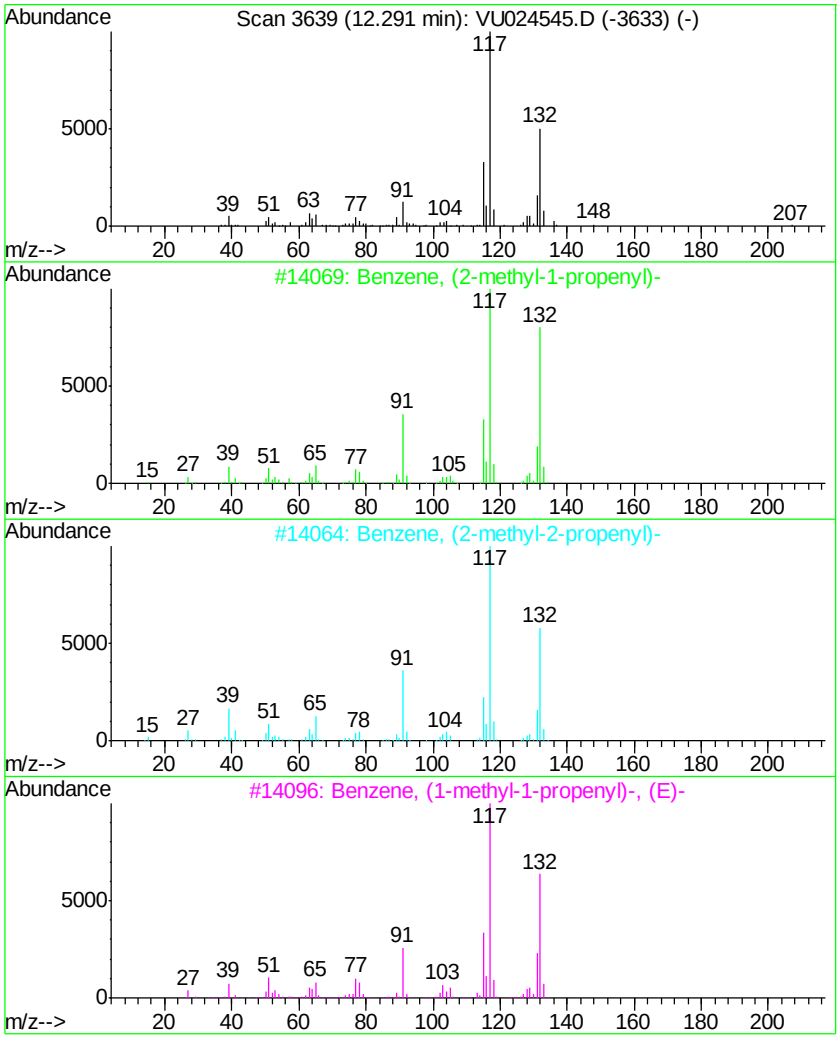
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

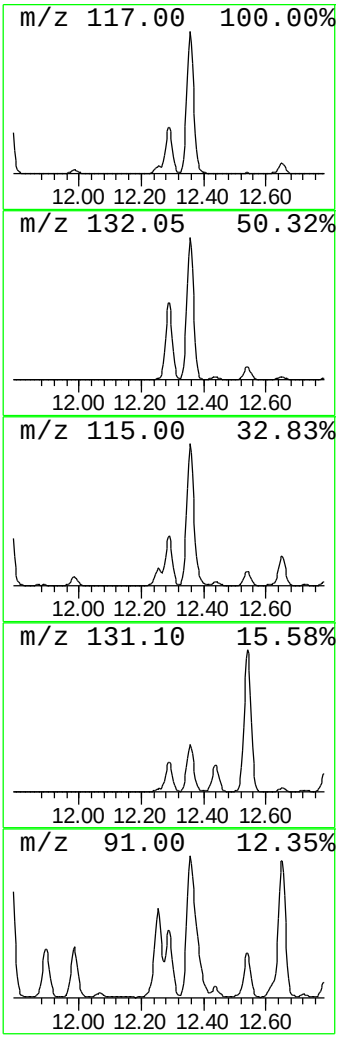
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, (2-methyl-1-propen... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.29 | 13.59 ug/l | 279578 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 91 |
| 2 | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12 | 003290-53-7 | 91 |
| 3 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 90 |
| 4 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 90 |
| 5 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 90 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
Data File : VU024545.D
Acq On : 14 Jun 2018 17:16
Operator : MD/SY
Sample : J3443-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** T3-MW-7-10.0-061118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

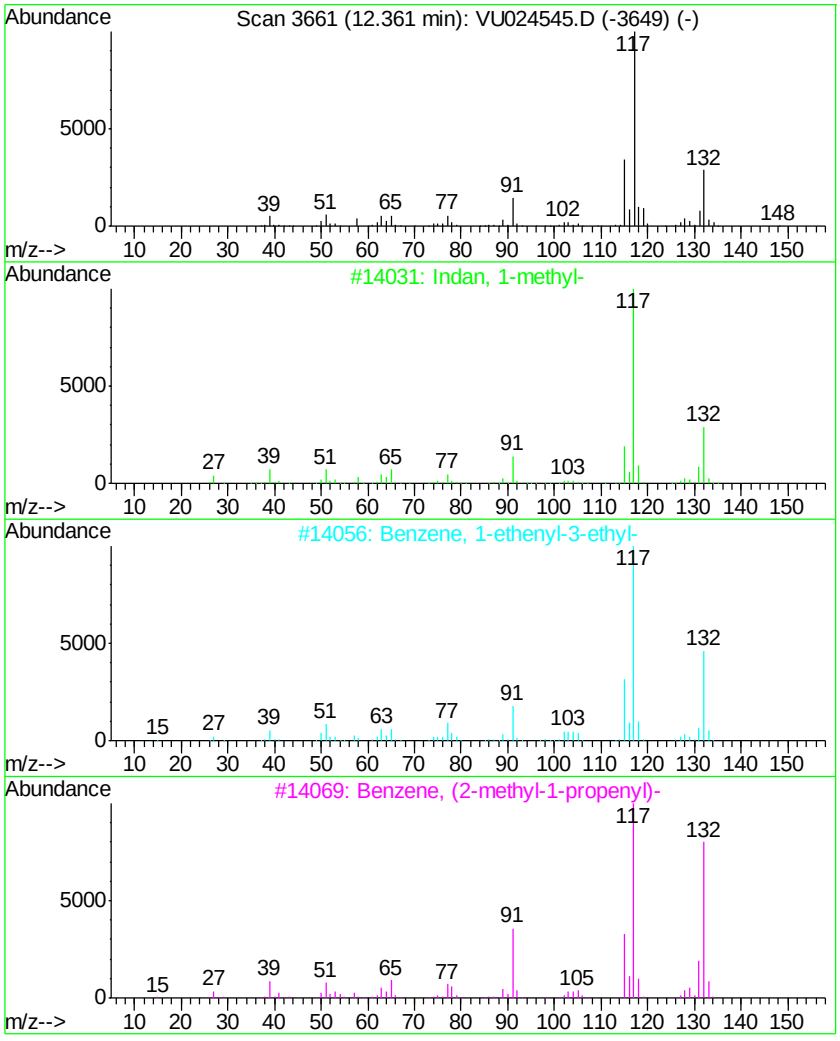
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

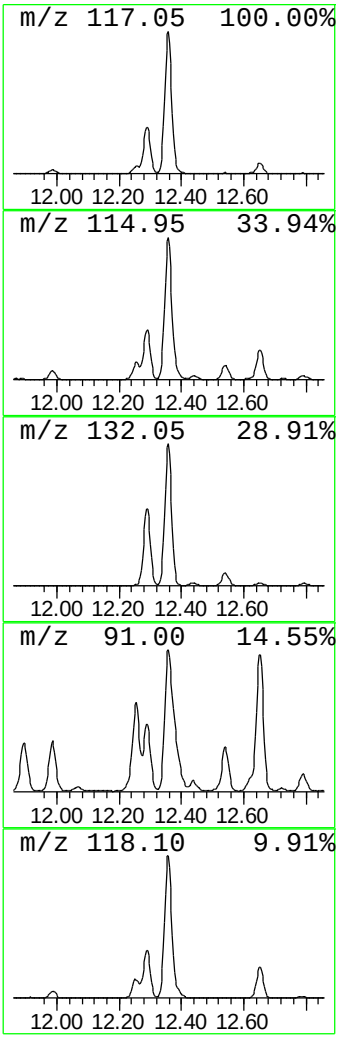
**********

Peak Number 7 Indan, 1-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.36 | 41.48 ug/l | 853704 | 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 | 90 |
| 3 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 90 |
| 4 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 87 |
| 5 | Benzene, (2-methylcyclopropyl)- | 132 | C10H12 | 1000327-39-0 | 83 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061418\
Data File : VU024545.D
Acq On : 14 Jun 2018 17:16
Operator : MD/SY
Sample : J3443-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** T3-MW-7-10.0-061118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

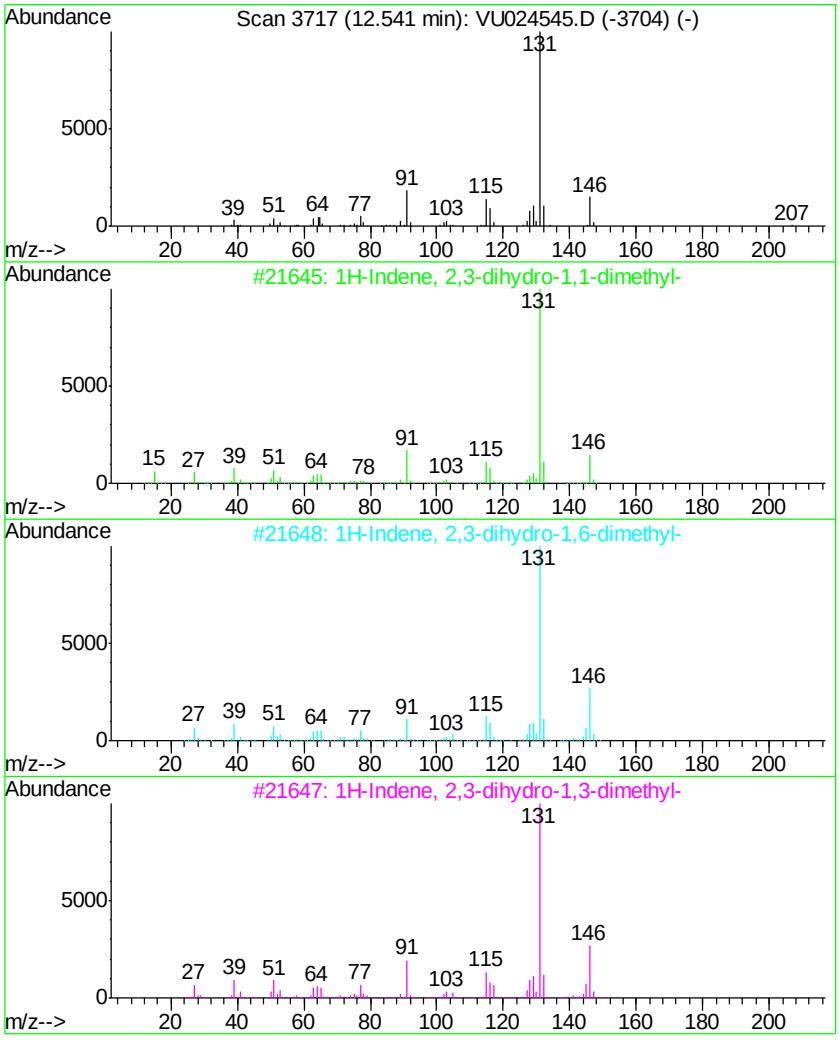
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

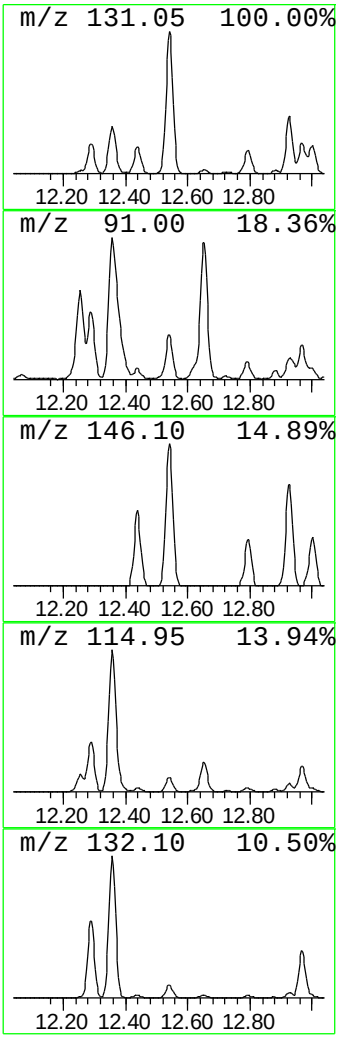
**********

Peak Number 8 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.54 | 7.08 ug/l | 145756 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-1,1-dimet... | 146 | C11H14 | 004912-92-9 | 95 |
| 2 | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14 | 017059-48-2 | 91 |
| 3 | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14 | 004175-53-5 | 90 |
| 4 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 90 |
| 5 | Cyclopropane, 2-bromo-1-methyl-1... | 210 | C10H11Br | 055091-64-0 | 86 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061418\
Data File : VU024545.D
Acq On : 14 Jun 2018 17:16
Operator : MD/SY
Sample : J3443-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** T3-MW-7-10.0-061118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

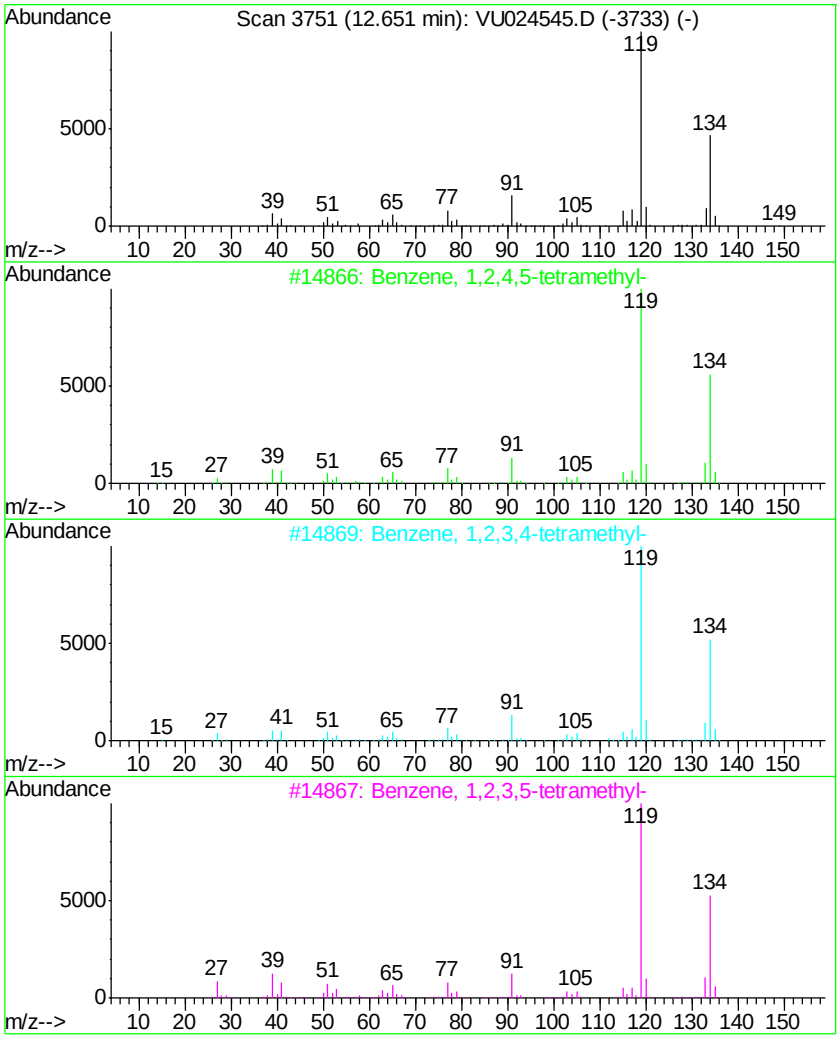
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

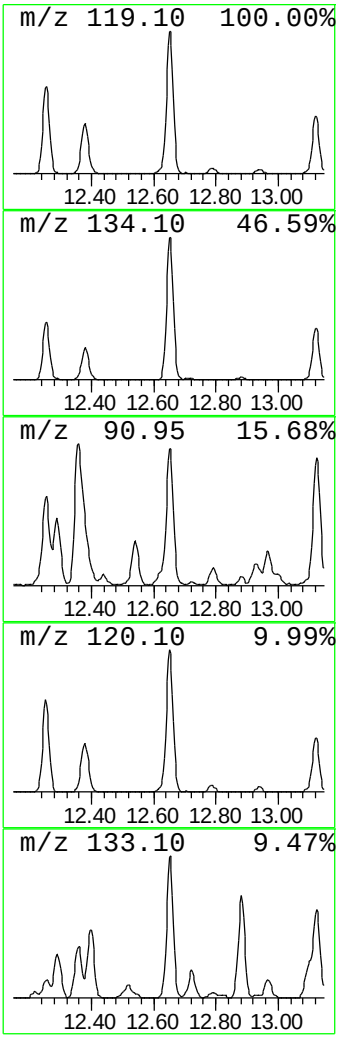
**********

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.65 | 29.06 ug/l | 598074 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 2 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 97 |
| 3 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 97 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 5 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 93 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061418\
Data File : VU024545.D
Acq On : 14 Jun 2018 17:16
Operator : MD/SY
Sample : J3443-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** T3-MW-7-10.0-061118

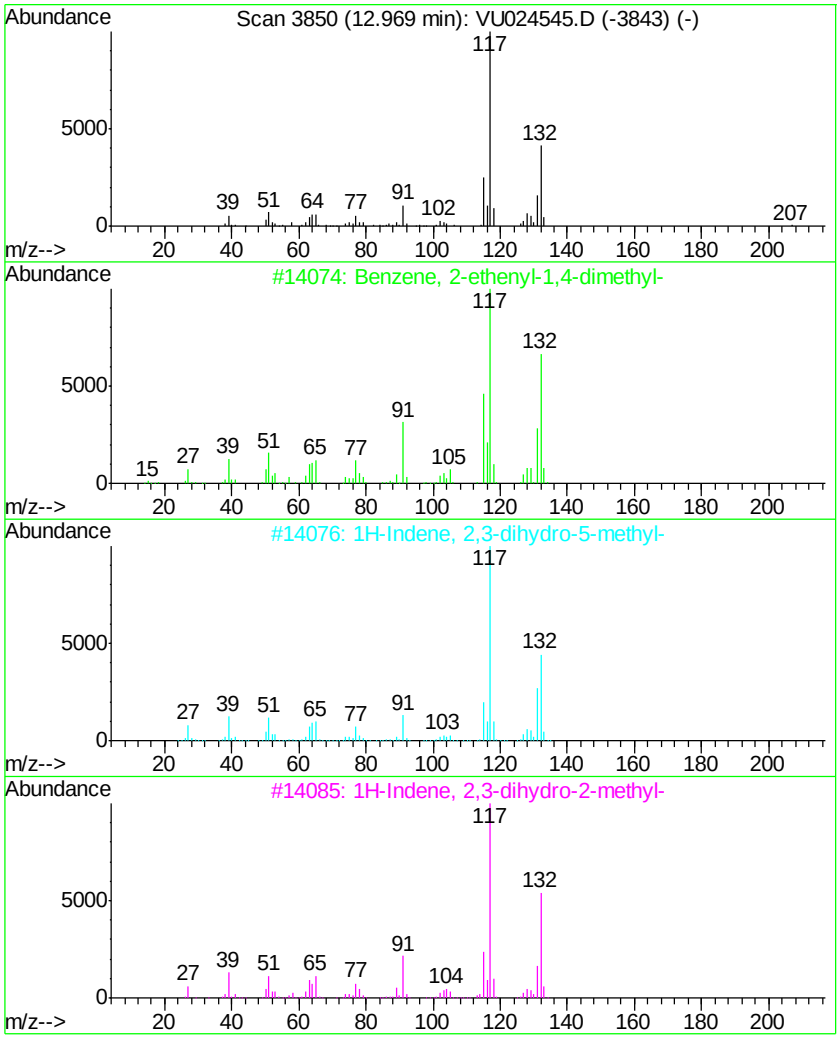
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260

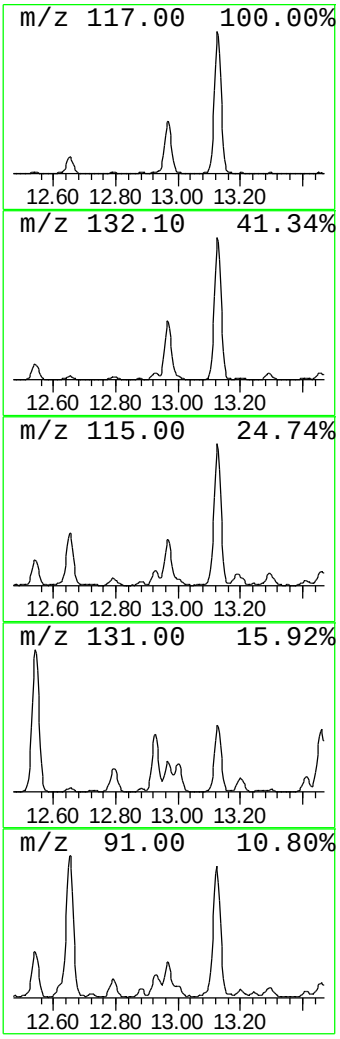
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.97 | 6.21 ug/l | 127889 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 92 |
| 2 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 90 |
| 3 | 1H-Indene, 2,3-dihydro-2-methyl- | 132 | C10H12 | 000824-63-5 | 90 |
| 4 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 90 |
| 5 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061418\
Data File : VU024545.D
Acq On : 14 Jun 2018 17:16
Operator : MD/SY
Sample : J3443-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** T3-MW-7-10.0-061118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.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 |
| Cyclopentane, met... | 4.10 | 8.6 | ug/l | 89416 | 1 | 4.99 | 517349 | 50.0 |
| Benzene, 2-propenyl- | 11.77 | 67.3 | ug/l | 1384230 | 4 | 11.49 | 1028940 | 50.0 |
| Benzene, 1,2-diet... | 11.99 | 7.3 | ug/l | 150827 | 4 | 11.49 | 1028940 | 50.0 |
| Benzene, 2-ethyl-... | 12.26 | 15.9 | ug/l | 326849 | 4 | 11.49 | 1028940 | 50.0 |
| Benzene, (2-methy... | 12.29 | 13.6 | ug/l | 279578 | 4 | 11.49 | 1028940 | 50.0 |
| Indan, 1-methyl- | 12.36 | 41.5 | ug/l | 853704 | 4 | 11.49 | 1028940 | 50.0 |
| 1H-Indene, 2,3-di... | 12.54 | 7.1 | ug/l | 145756 | 4 | 11.49 | 1028940 | 50.0 |
| Benzene, 1,2,4,5-... | 12.65 | 29.1 | ug/l | 598074 | 4 | 11.49 | 1028940 | 50.0 |
| Benzene, 2-etheny... | 12.97 | 6.2 | ug/l | 127889 | 4 | 11.49 | 1028940 | 50.0 |