LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
Data File : VX015624.D
Acq On : 10 Apr 2020 16:19
Operator : JC/SP
Sample : L2210-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** 400408742.3-VOA

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_X\METHOD\82X032720W.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 | 1.064 | 23 | 29 | 61 | rBV | 17294998 | 43309795 | 100.00% | 30.891% |
| 2 | 2.417 | 244 | 251 | 260 | rBV2 | 253803 | 485088 | 1.12% | 0.346% |
| 3 | 3.009 | 336 | 348 | 363 | rBV | 13906706 | 30956659 | 71.48% | 22.080% |
| 4 | 4.655 | 599 | 618 | 631 | rBV | 7019679 | 22841366 | 52.74% | 16.292% |
| 5 | 5.088 | 678 | 689 | 707 | rBV | 1985217 | 5948668 | 13.74% | 4.243% |
| 6 | 5.465 | 741 | 751 | 763 | rBV2 | 614643 | 1745194 | 4.03% | 1.245% |
| 7 | 5.630 | 766 | 778 | 792 | rBV2 | 1055228 | 2921740 | 6.75% | 2.084% |
| 8 | 6.032 | 834 | 844 | 854 | rBV | 681399 | 1782557 | 4.12% | 1.271% |
| 9 | 6.307 | 882 | 889 | 899 | rVB | 263468 | 736151 | 1.70% | 0.525% |
| 10 | 6.831 | 966 | 975 | 987 | rBV | 1576148 | 3814023 | 8.81% | 2.720% |
| 11 | 8.697 | 1273 | 1281 | 1288 | rBV | 3477180 | 5486513 | 12.67% | 3.913% |
| 12 | 10.099 | 1499 | 1511 | 1518 | rBV | 3717806 | 5130584 | 11.85% | 3.659% |
| 13 | 11.123 | 1672 | 1679 | 1686 | rBV | 3409782 | 4273920 | 9.87% | 3.048% |
| 14 | 12.062 | 1827 | 1833 | 1841 | rVB | 4558385 | 5803007 | 13.40% | 4.139% |
| 15 | 12.800 | 1946 | 1954 | 1959 | rBV2 | 515032 | 817699 | 1.89% | 0.583% |
| 16 | 12.982 | 1981 | 1984 | 1992 | rVB3 | 501396 | 830333 | 1.92% | 0.592% |
| 17 | 13.513 | 2066 | 2071 | 2074 | rBV | 773198 | 1001889 | 2.31% | 0.715% |
| 18 | 13.549 | 2074 | 2077 | 2085 | rVB | 704442 | 949807 | 2.19% | 0.677% |
| 19 | 13.629 | 2085 | 2090 | 2095 | rBV2 | 399649 | 587177 | 1.36% | 0.419% |
| 20 | 13.818 | 2116 | 2121 | 2127 | rVB | 578634 | 780081 | 1.80% | 0.556% |

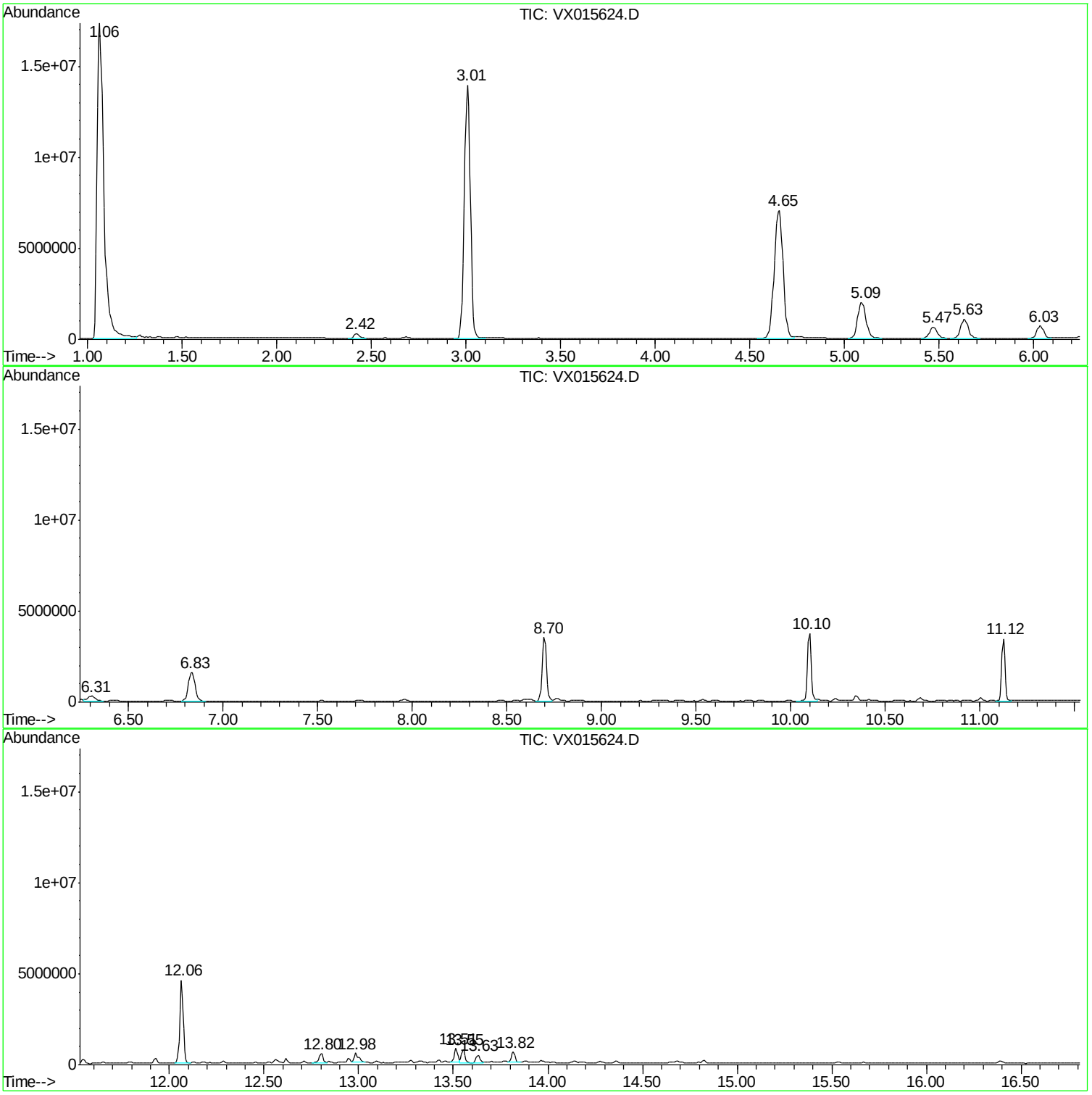
Sum of corrected areas: 140202251

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041020\
Data File : VX015624.D
Acq On : 10 Apr 2020 16:19
Operator : JC/SP
Sample : L2210-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** 400408742.3-VOA

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.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 X\DATA\VX041020\
Data File : VX015624.D
Acq On : 10 Apr 2020 16:19
Operator : JC/SP
Sample : L2210-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** 400408742.3-VOA

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260

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

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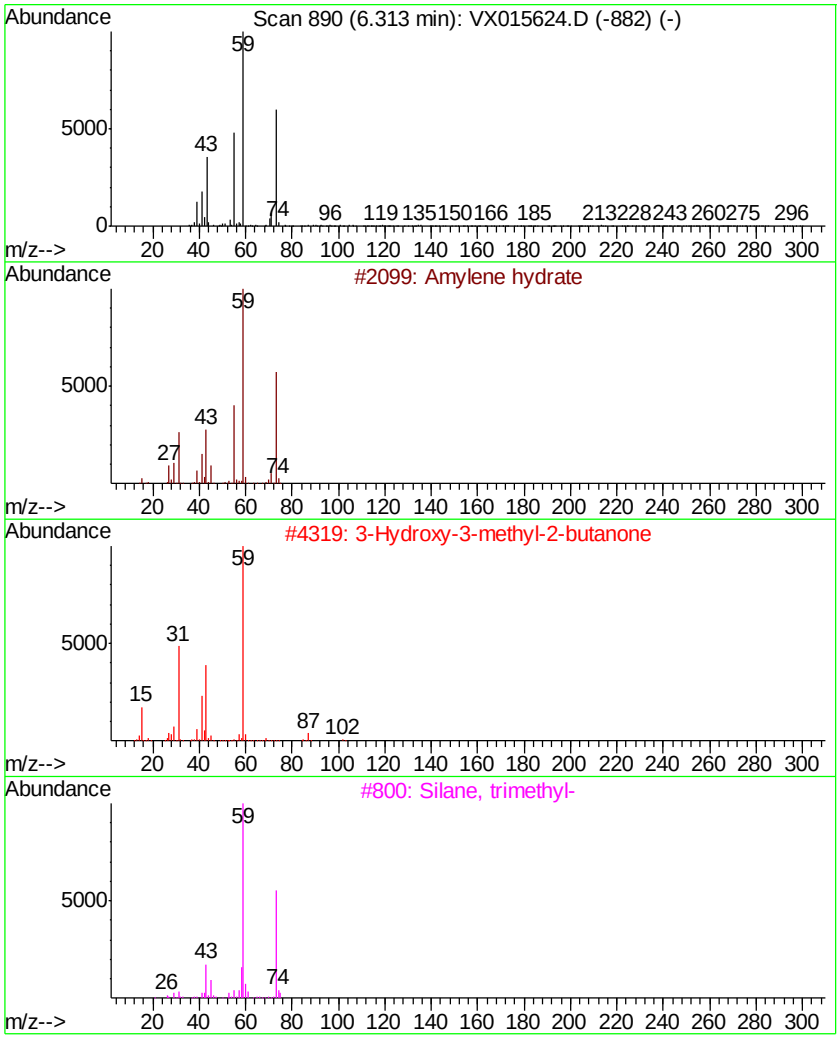
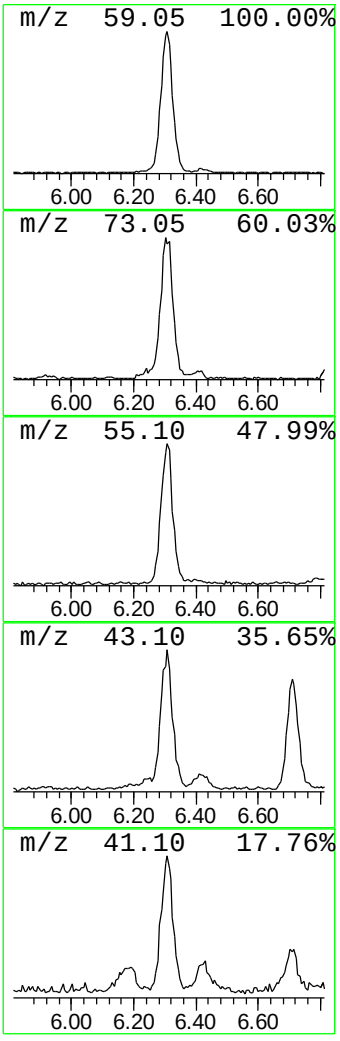
Peak Number 2 Amylene hydrate Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.31 | 9.65 ug/l | 736151 | 1,4-Difluorobenzene | 6.84 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Amylene hydrate | 88 | C5H12O | 000075-85-4 | 72 |
| 2 | 3-Hydroxy-3-methyl-2-butanone | 102 | C5H10O2 | 000115-22-0 | 52 |
| 3 | Silane, trimethyl- | 74 | C3H10Si | 000993-07-7 | 39 |
| 4 | Propanoic acid, 2-hydroxy-2-methyl- | 104 | C4H8O3 | 000594-61-6 | 33 |
| 5 | Silane, trimethylpropyl- | 116 | C6H16Si | 003510-70-1 | 9 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
Data File : VX015624.D
Acq On : 10 Apr 2020 16:19
Operator : JC/SP
Sample : L2210-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** 400408742.3-VOA

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260

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

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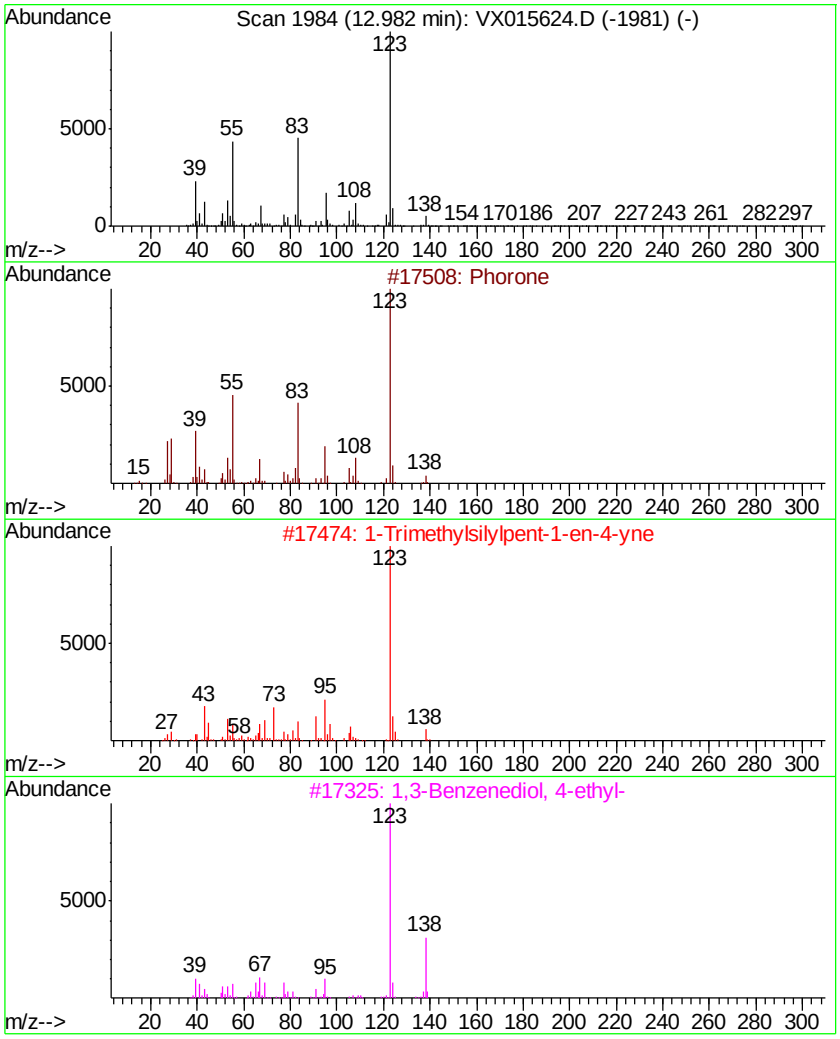
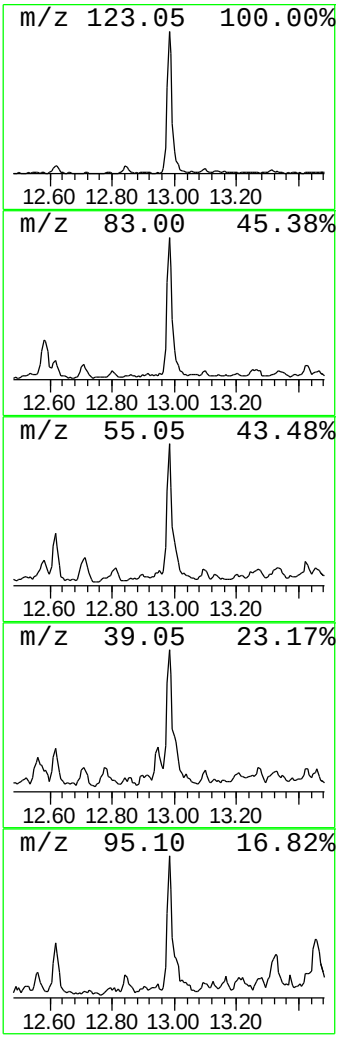
Peak Number 4 Phorone Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.98 | 7.15 ug/l | 830333 | 1,4-Dichlorobenzene-d4 | 12.06 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phorone | 138 | C9H14O | 000504-20-1 | 97 |
| 2 | 1-Trimethylsilylpent-1-en-4-yne | 138 | C8H14Si | 079516-25-9 | 47 |
| 3 | 1,3-Benzenediol, 4-ethyl- | 138 | C8H10O2 | 002896-60-8 | 47 |
| 4 | 3-Pyridinol, 2,6-dimethyl- | 123 | C7H9NO | 001122-43-6 | 47 |
| 5 | 2-Cyclopenten-1-one, 3,4,5,5-tet... | 138 | C9H14O | 090611-02-2 | 47 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041020\
Data File : VX015624.D
Acq On : 10 Apr 2020 16:19
Operator : JC/SP
Sample : L2210-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** 400408742.3-VOA

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260

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

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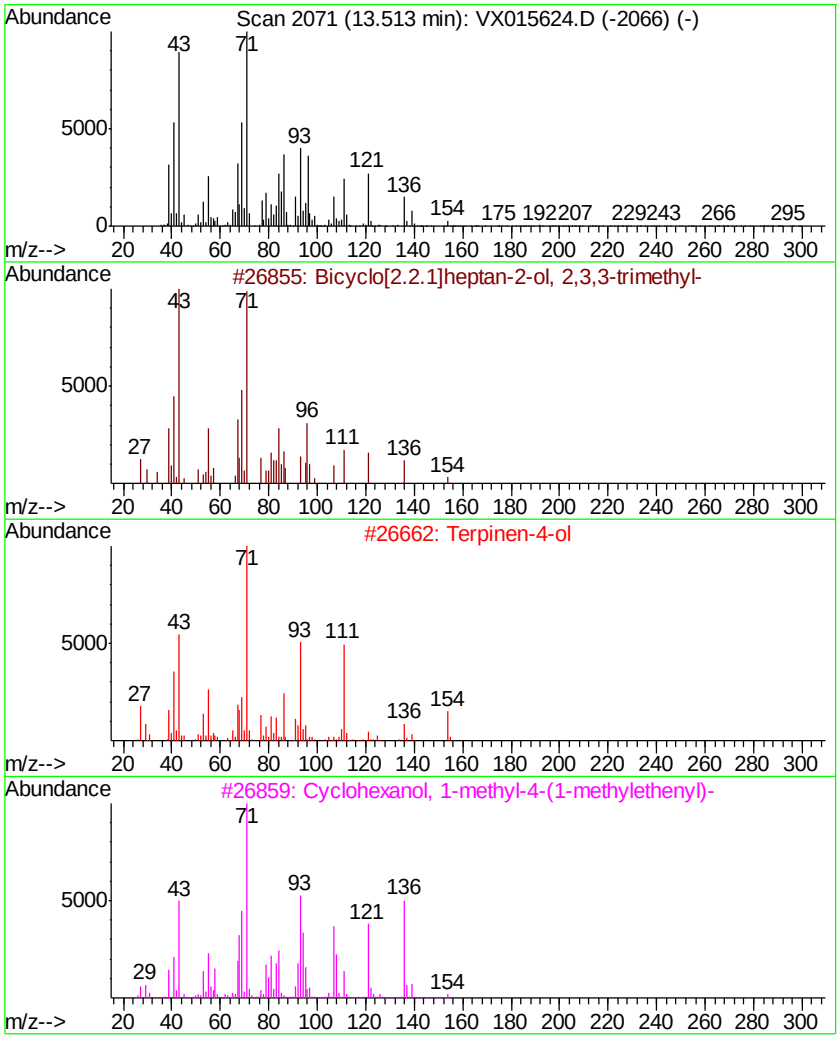
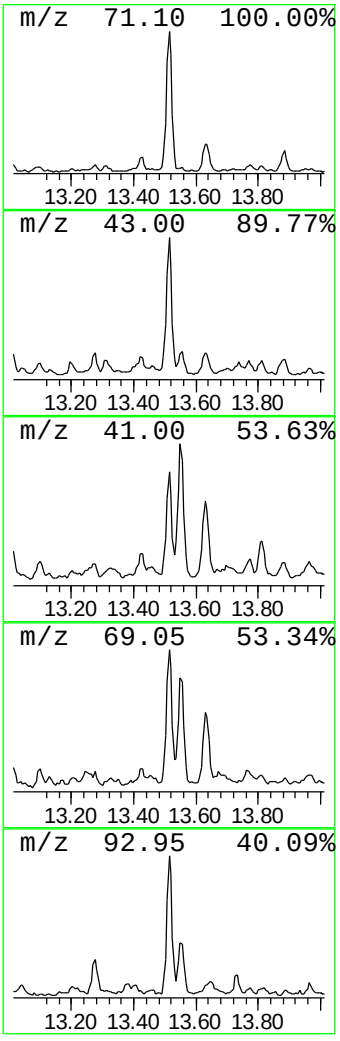
Peak Number 5 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.51 | 8.63 ug/l | 1001890 | 1,4-Dichlorobenzene-d4 | 12.06 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bicyclo[2.2.1]heptan-2-ol, 2,3,3... | 154 | C10H18O | 000465-31-6 | 76 |
| 2 | Terpinen-4-ol | 154 | C10H18O | 000562-74-3 | 52 |
| 3 | Cyclohexanol, 1-methyl-4-(1-meth... | 154 | C10H18O | 000138-87-4 | 50 |
| 4 | 3-Cyclohexen-1-ol, 4-methyl-1-(1... | 154 | C10H18O | 020126-76-5 | 46 |
| 5 | Phytol | 296 | C20H40O | 000150-86-7 | 43 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041020\
Data File : VX015624.D
Acq On : 10 Apr 2020 16:19
Operator : JC/SP
Sample : L2210-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** 400408742.3-VOA

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260

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

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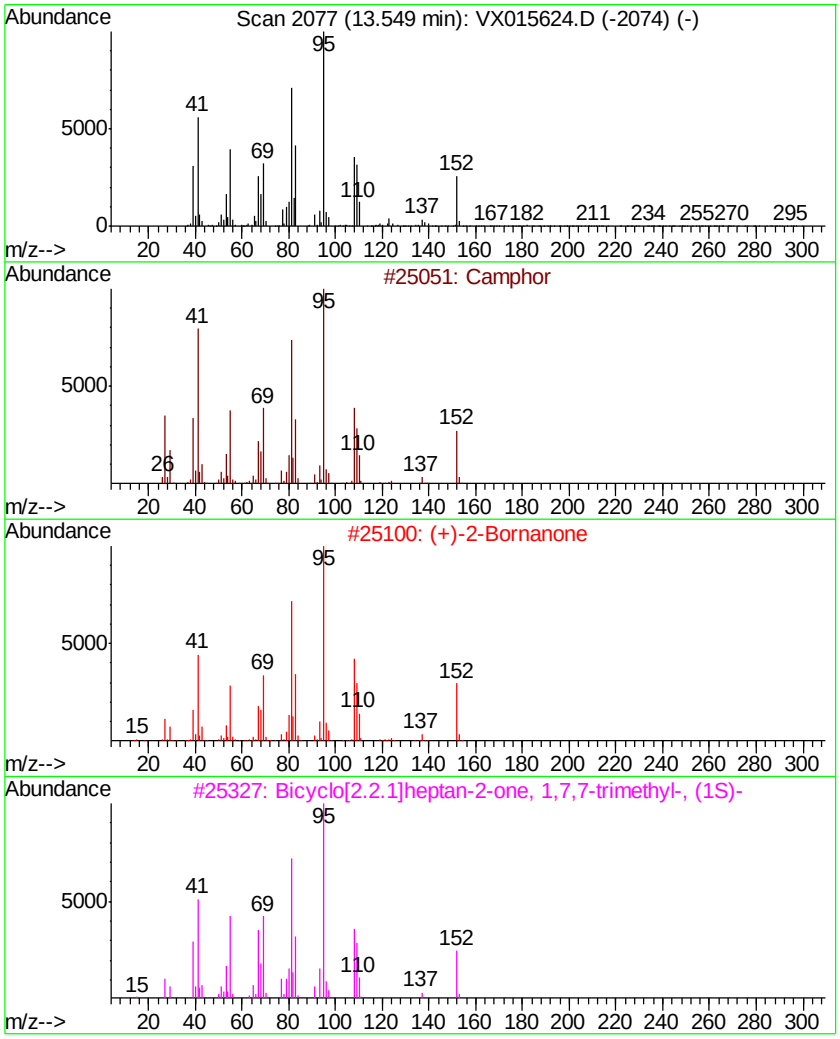
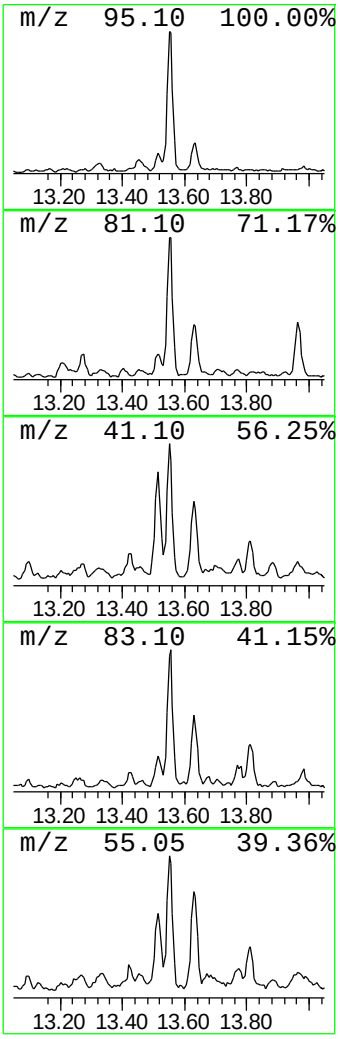
Peak Number 6 Camphor Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.55 | 8.18 ug/l | 949807 | 1,4-Dichlorobenzene-d4 | 12.06 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Camphor | 152 | C10H16O | 000076-22-2 | 98 |
| 2 | (+)-2-Bornanone | 152 | C10H16O | 000464-49-3 | 96 |
| 3 | Bicyclo[2.2.1]heptan-2-one, 1,7,... | 152 | C10H16O | 000464-48-2 | 93 |
| 4 | 5,7-Octadien-4-one, 2,6-dimethyl... | 152 | C10H16O | 006752-80-3 | 49 |
| 5 | Ketone, 1,5-dimethylbicyclo[2.1.... | 138 | C9H14O | 024081-57-0 | 43 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041020\
Data File : VX015624.D
Acq On : 10 Apr 2020 16:19
Operator : JC/SP
Sample : L2210-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** 400408742.3-VOA

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260

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

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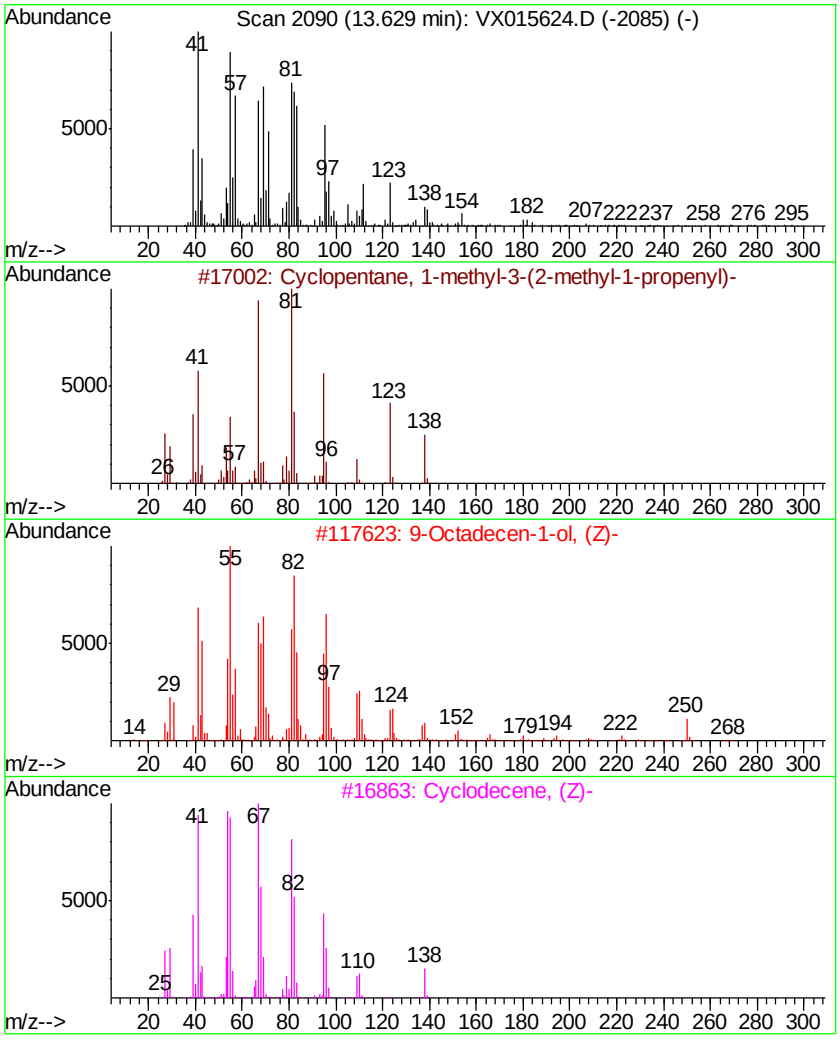
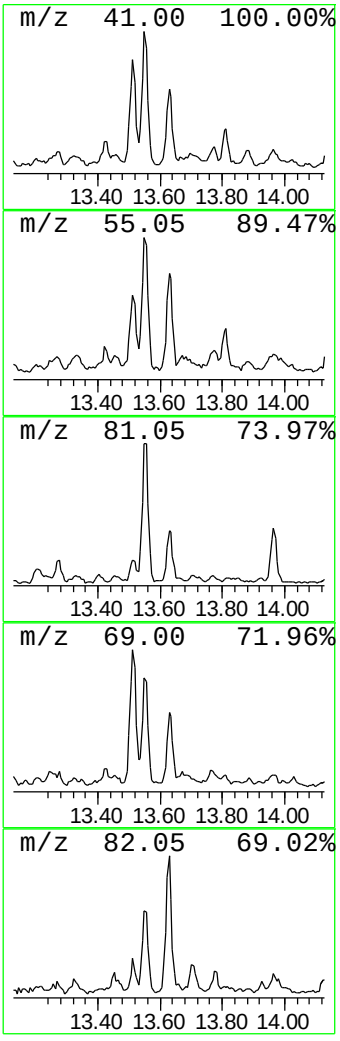
Peak Number 7 Cyclopentane, 1-methyl-3-(2... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.63 | 5.06 ug/l | 587177 | 1,4-Dichlorobenzene-d4 | 12.06 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, 1-methyl-3-(2-meth... | 138 | C10H18 | 075873-01-7 | 60 |
| 2 | 9-Octadecen-1-ol, (Z)- | 268 | C18H36O | 000143-28-2 | 50 |
| 3 | Cyclodecene, (Z)- | 138 | C10H18 | 000935-31-9 | 46 |
| 4 | Bicyclo[4.1.0]heptane, 3,7,7-tri... | 138 | C10H18 | 006069-97-2 | 45 |
| 5 | Cyclohexane, (2-methyl-1-propenyl)- | 138 | C10H18 | 089656-98-4 | 41 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041020\
Data File : VX015624.D
Acq On : 10 Apr 2020 16:19
Operator : JC/SP
Sample : L2210-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** 400408742.3-VOA

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.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 |
| Amylene hydrate | 6.31 | 9.7 | ug/l | 736151 | 2 | 6.84 | 3814020 | 50.0 |
| Phorone | 12.98 | 7.2 | ug/l | 830333 | 4 | 12.06 | 5803010 | 50.0 |
| Bicyclo[2.2.1]hep... | 13.51 | 8.6 | ug/l | 1001890 | 4 | 12.06 | 5803010 | 50.0 |
| Camphor | 13.55 | 8.2 | ug/l | 949807 | 4 | 12.06 | 5803010 | 50.0 |
| Cyclopentane, 1-m... | 13.63 | 5.1 | ug/l | 587177 | 4 | 12.06 | 5803010 | 50.0 |