LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040924\
Data File : VX040946.D
Acq On : 09 Apr 2024 11:15
Operator : JC/MD
Sample : P1995-05
Misc : 1.97g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MOO-23-00113

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\82X040124W.M
Title : SW846 8260

Signal : TIC: VX040946.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.410 | 210 | 217 | 250 | rBV | 283983 | 858965 | 3.77% | 1.504% |
| 2 | 8.647 | 1235 | 1240 | 1245 | rBV | 145736 | 232050 | 1.02% | 0.406% |
| 3 | 8.726 | 1245 | 1253 | 1265 | rVB | 8742389 | 13885398 | 60.87% | 24.308% |
| 4 | 10.195 | 1487 | 1494 | 1504 | rBV | 4713824 | 6392128 | 28.02% | 11.190% |
| 5 | 10.311 | 1505 | 1513 | 1518 | rVV | 14387083 | 22810470 | 100.00% | 39.932% |
| 6 | 10.646 | 1561 | 1568 | 1577 | rBV | 4389787 | 5785843 | 25.36% | 10.129% |
| 7 | 11.085 | 1634 | 1640 | 1650 | rVB2 | 202939 | 374349 | 1.64% | 0.655% |
| 8 | 11.378 | 1684 | 1688 | 1694 | rBV | 134764 | 237245 | 1.04% | 0.415% |
| 9 | 11.476 | 1698 | 1704 | 1710 | rVB2 | 329742 | 467659 | 2.05% | 0.819% |
| 10 | 11.750 | 1746 | 1749 | 1759 | rVB | 231468 | 345754 | 1.52% | 0.605% |
| 11 | 12.024 | 1789 | 1794 | 1799 | rBV2 | 219172 | 321673 | 1.41% | 0.563% |
| 12 | 12.317 | 1837 | 1842 | 1848 | rVB3 | 176392 | 337161 | 1.48% | 0.590% |
| 13 | 12.421 | 1848 | 1859 | 1863 | rVV | 278175 | 392888 | 1.72% | 0.688% |
| 14 | 13.292 | 1999 | 2002 | 2007 | rVB3 | 225638 | 289254 | 1.27% | 0.506% |
| 15 | 13.420 | 2019 | 2023 | 2032 | rVB2 | 188952 | 335524 | 1.47% | 0.587% |
| 16 | 13.853 | 2088 | 2094 | 2099 | rVB4 | 131989 | 253098 | 1.11% | 0.443% |
| 17 | 13.926 | 2099 | 2106 | 2111 | rBV4 | 123892 | 268994 | 1.18% | 0.471% |
| 18 | 14.225 | 2149 | 2155 | 2162 | rVB2 | 302148 | 502643 | 2.20% | 0.880% |
| 19 | 14.481 | 2192 | 2197 | 2205 | rBV4 | 203923 | 368236 | 1.61% | 0.645% |
| 20 | 14.615 | 2215 | 2219 | 2225 | rBV2 | 336107 | 558669 | 2.45% | 0.978% |
| 21 | 14.670 | 2225 | 2228 | 2233 | rVB2 | 162041 | 229548 | 1.01% | 0.402% |
| 22 | 15.182 | 2307 | 2312 | 2315 | rBV | 211754 | 325895 | 1.43% | 0.571% |
| 23 | 15.560 | 2368 | 2374 | 2379 | rBV | 1106662 | 1550390 | 6.80% | 2.714% |

Sum of corrected areas: 57123834

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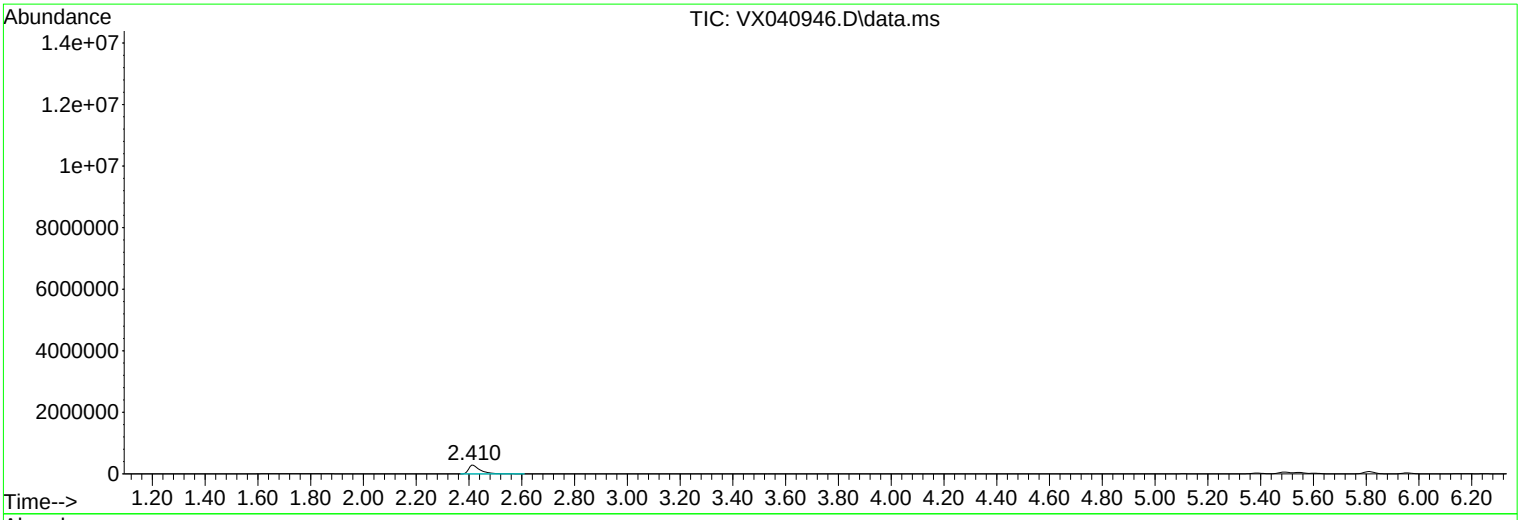
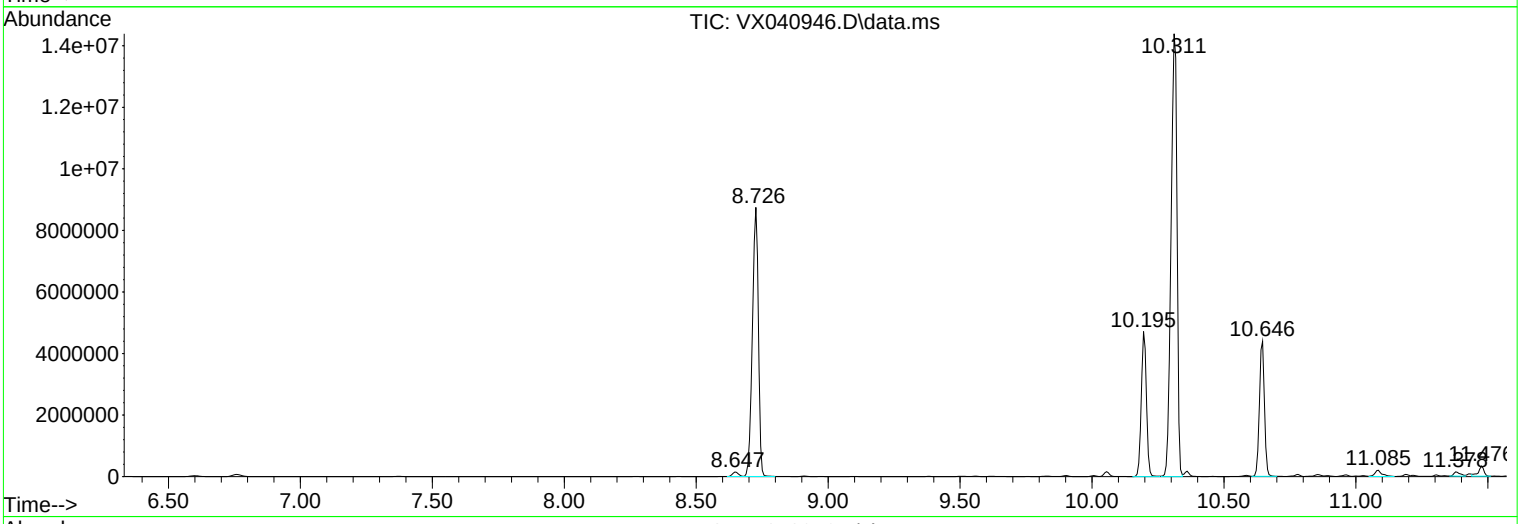
ALS Vial : 7 Sample Multiplier: 1

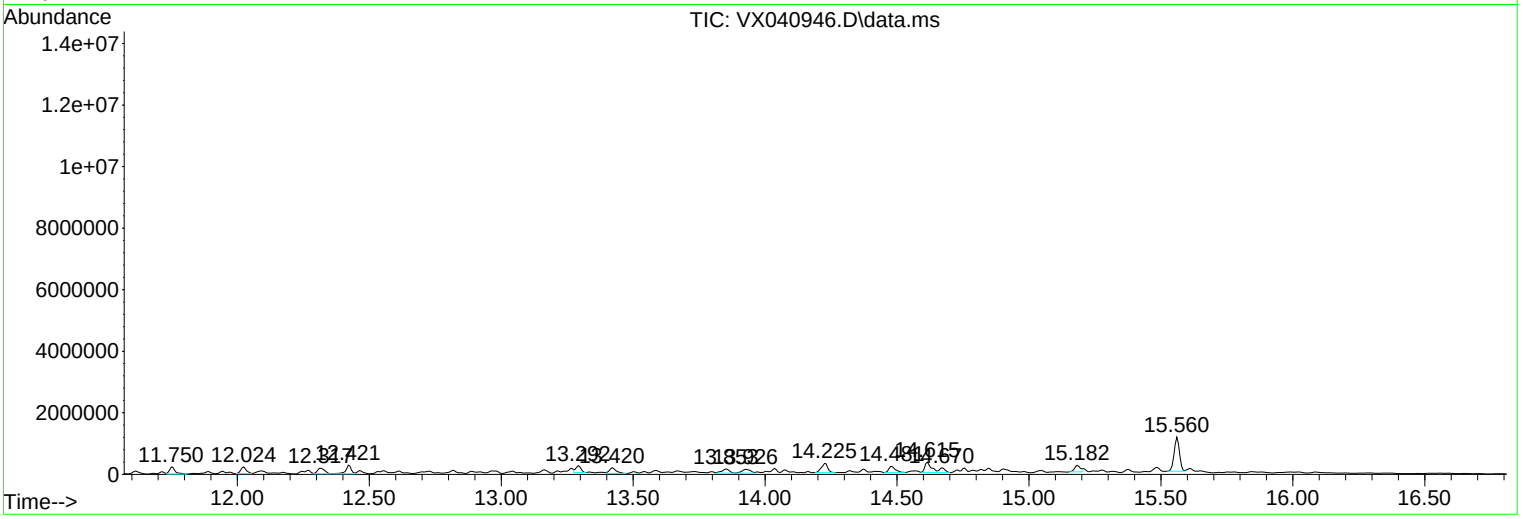
**Instrument :**
MSVOA_X
**ClientSampleId :**
MOO-23-00113

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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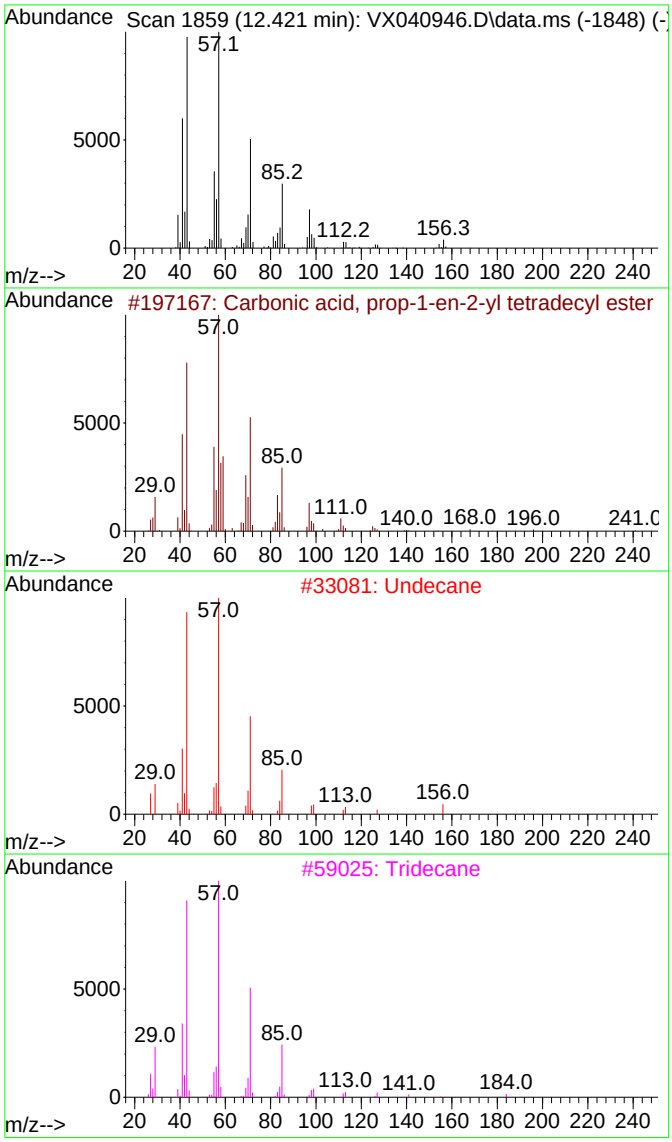
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
Quant Title : SW846 8260

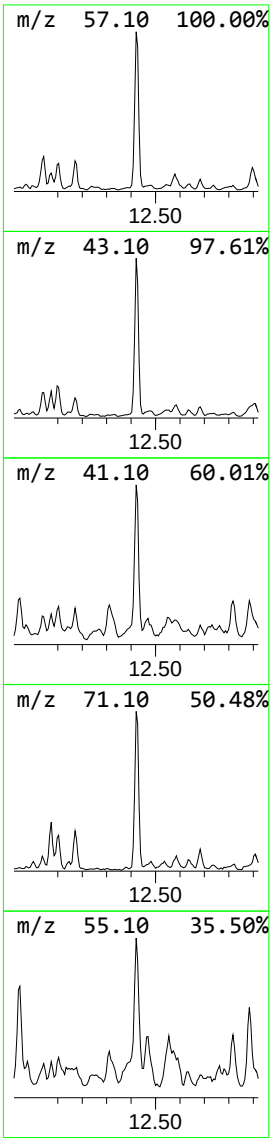
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Carbonic acid, prop-1-en-2-... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.421 | 61.07 ug/l | 392888 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Carbonic acid, prop-1-en-2-yl te... | 298 | C18H34O3 | 1000382-90-9 | 90 |
| 2 | Undecane | 156 | C11H24 | 001120-21-4 | 76 |
| 3 | Tridecane | 184 | C13H28 | 000629-50-5 | 72 |
| 4 | Carbonic acid, hexadecyl prop-1-... | 326 | C20H38O3 | 1000382-90-3 | 64 |
| 5 | Carbonic acid, octadecyl prop-1-... | 354 | C22H42O3 | 1000383-11-5 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040924\
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Acq On : 09 Apr 2024 11:15
Operator : JC/MD
Sample : P1995-05
Misc : 1.97g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MOO-23-00113

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
Quant Title : SW846 8260

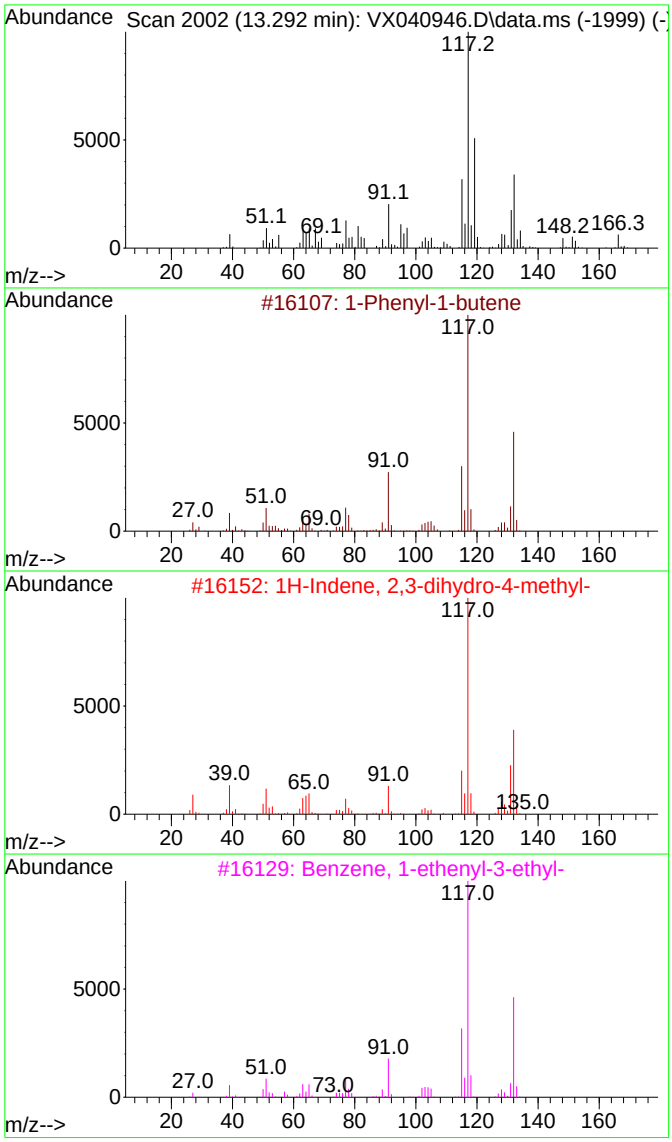
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

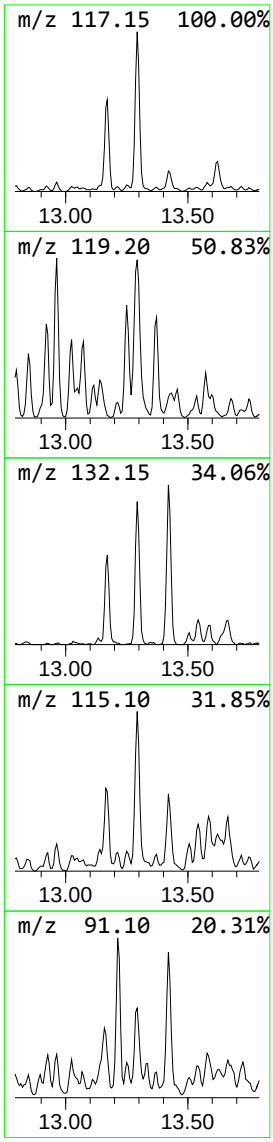
**********

Peak Number 2 1-Phenyl-1-butene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.292 | 44.96 ug/l | 289254 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 96 |
| 2 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 91 |
| 3 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 91 |
| 4 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 91 |
| 5 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040924\
Data File : VX040946.D
Acq On : 09 Apr 2024 11:15
Operator : JC/MD
Sample : P1995-05
Misc : 1.97g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MOO-23-00113

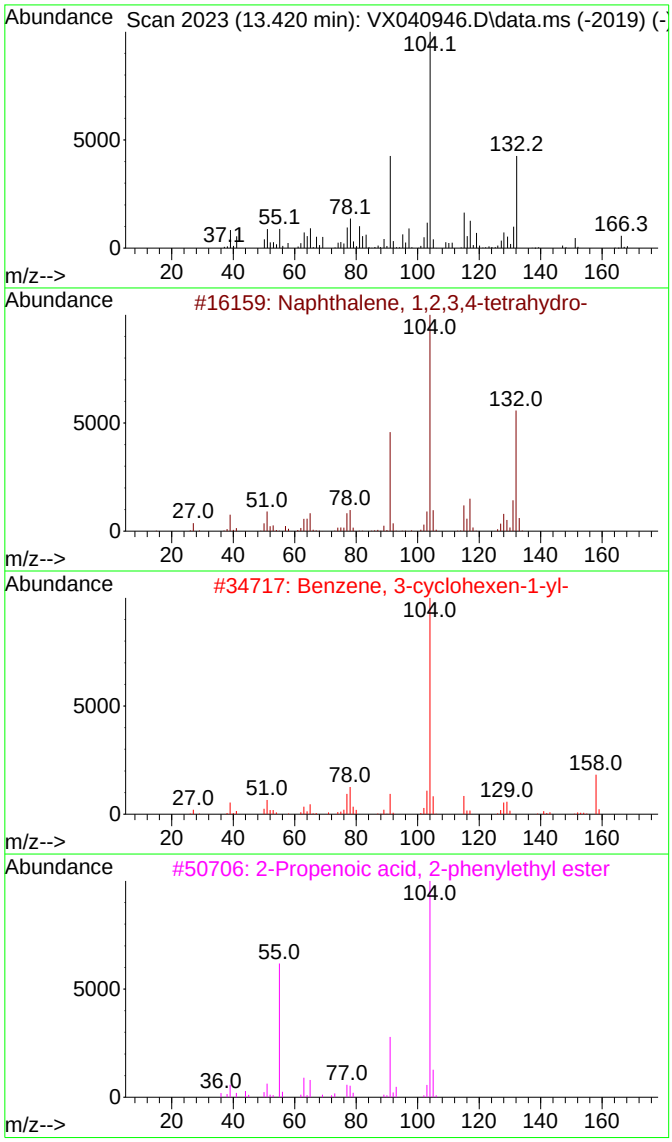
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
Quant Title : SW846 8260

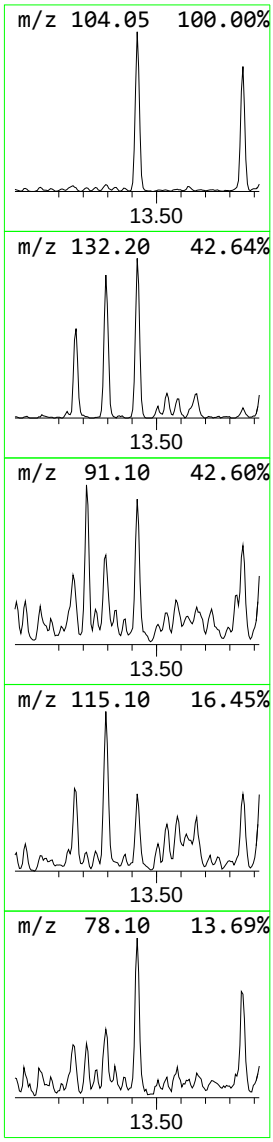
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.420 | 52.15 ug/l | 335524 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 91 |
| 2 | Benzene, 3-cyclohexen-1-yl- | 158 | C12H14 | 004994-16-5 | 43 |
| 3 | 2-Propenoic acid, 2-phenylethyl ... | 176 | C11H12O2 | 003530-36-7 | 38 |
| 4 | Benzenepropanoic acid, methyl ester | 164 | C10H12O2 | 000103-25-3 | 38 |
| 5 | 3(2H)-Furanone, dihydro-2,2-dime... | 190 | C12H14O2 | 063678-00-2 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040924\
Data File : VX040946.D
Acq On : 09 Apr 2024 11:15
Operator : JC/MD
Sample : P1995-05
Misc : 1.97g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MOO-23-00113

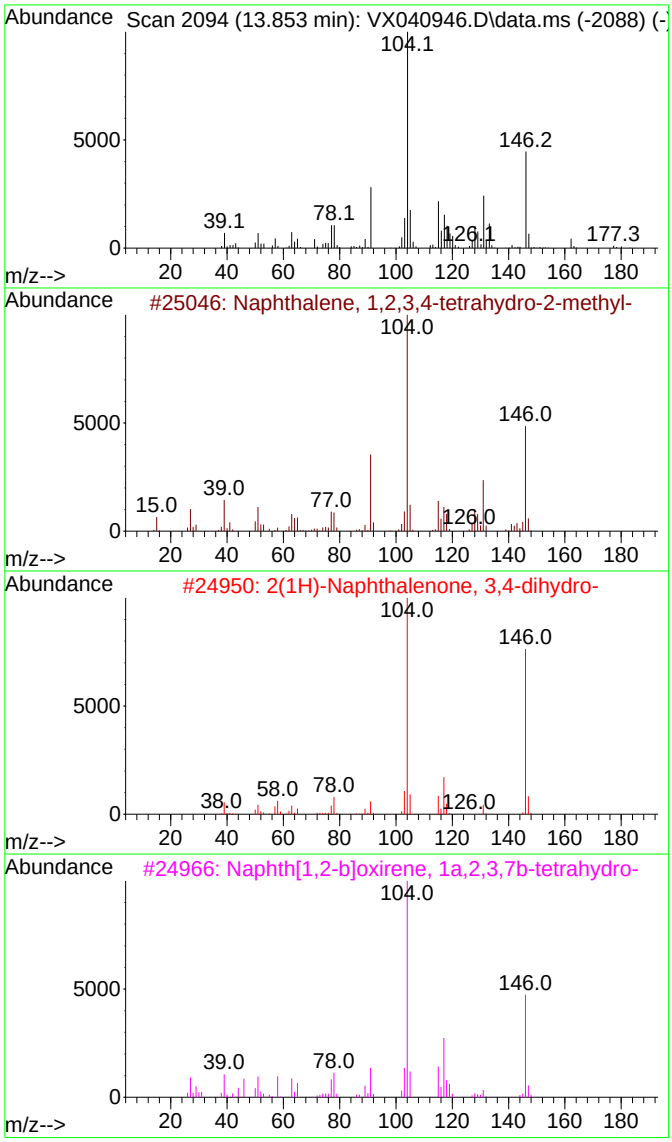
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
Quant Title : SW846 8260

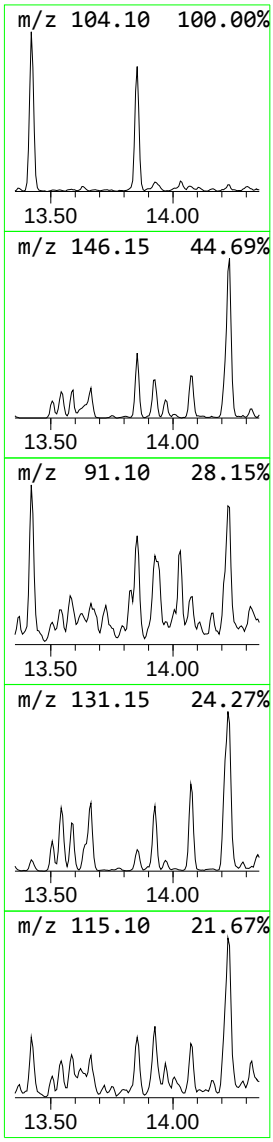
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.853 | 39.34 ug/l | 253098 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 003877-19-8 | 81 |
| 2 | 2(1H)-Naphthalenone, 3,4-dihydro- | 146 | C10H10O | 000530-93-8 | 58 |
| 3 | Naphth[1,2-b]oxirene, 1a,2,3,7b-... | 146 | C10H10O | 002461-34-9 | 58 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 47 |
| 5 | 2-Methylbenzyl cyanide | 131 | C9H9N | 022364-68-7 | 38 |



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Data File : VX040946.D
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Operator : JC/MD
Sample : P1995-05
Misc : 1.97g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MOO-23-00113

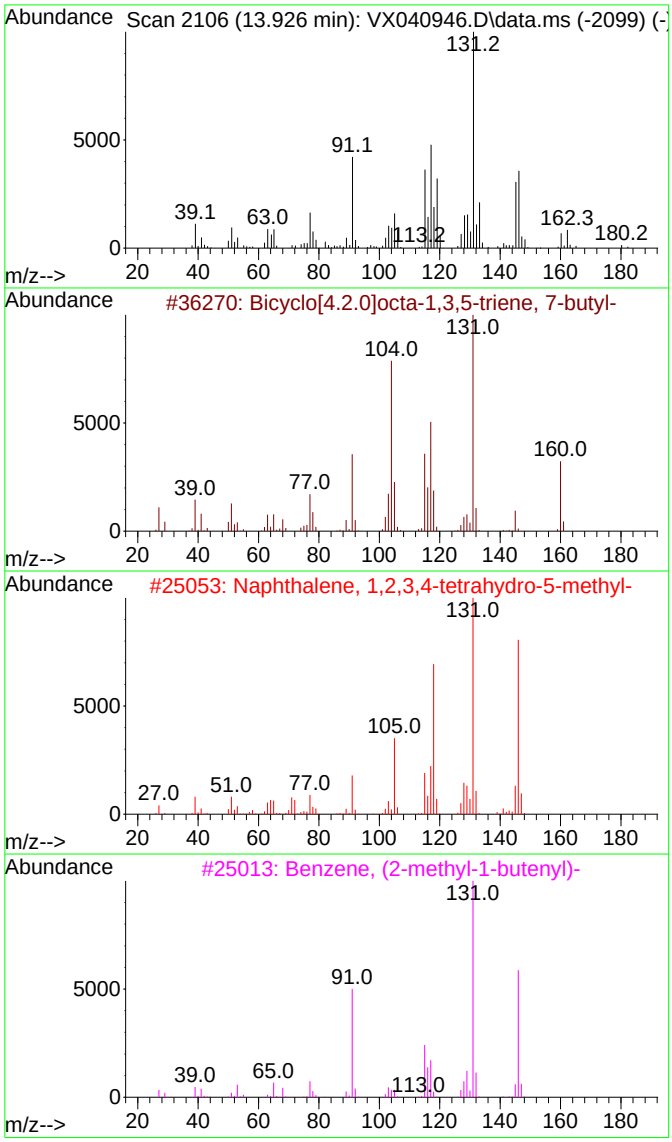
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
Quant Title : SW846 8260

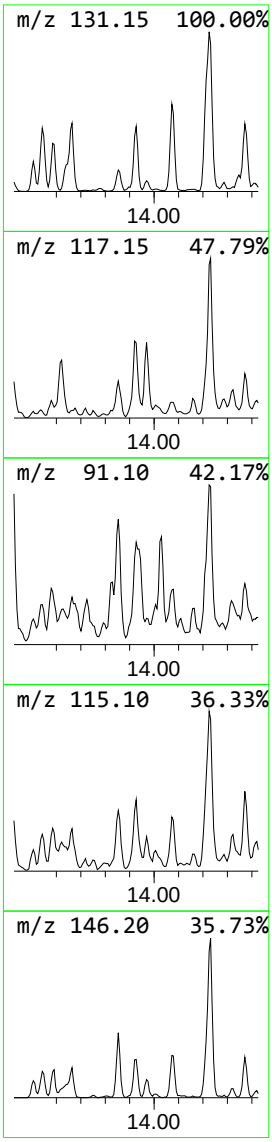
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.926 | 41.81 ug/l | 268994 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 160 | C12H16 | 078920-29-3 | 64 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 64 |
| 3 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 60 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 60 |
| 5 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 60 |



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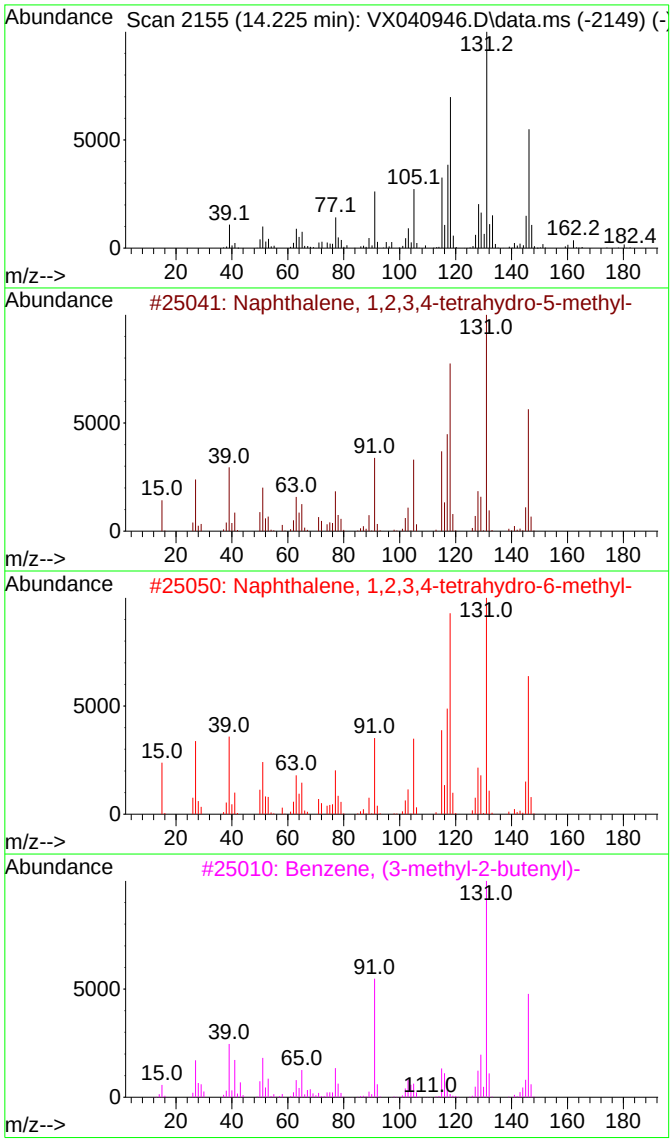
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
Quant Title : SW846 8260

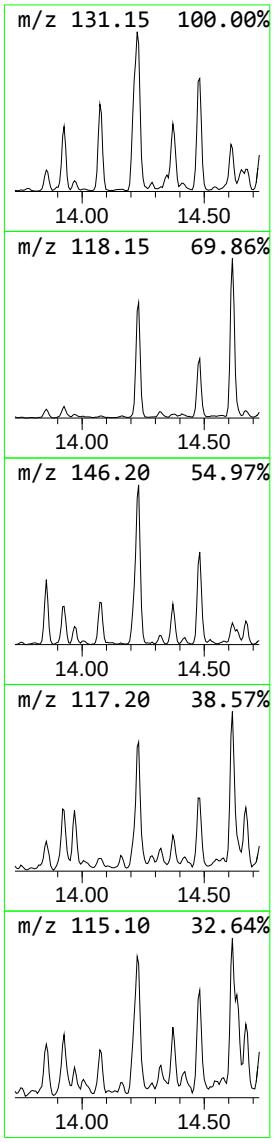
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.225 | 78.13 ug/l | 502643 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 96 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 93 |
| 3 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 60 |
| 4 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 60 |
| 5 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 60 |



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Sample : P1995-05
Misc : 1.97g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MOO-23-00113

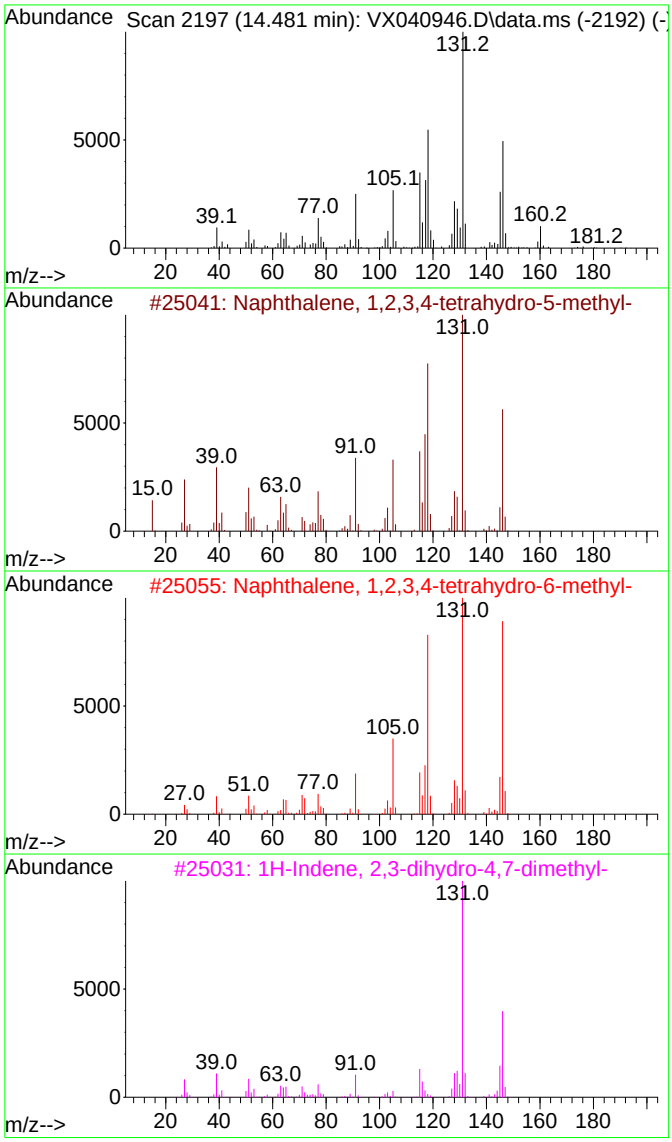
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
Quant Title : SW846 8260

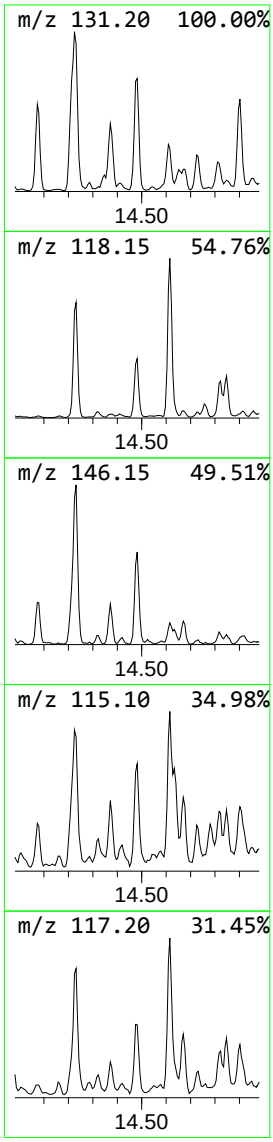
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.481 | 57.24 ug/l | 368236 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 90 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 81 |
| 3 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 64 |
| 4 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 64 |
| 5 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 62 |



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Misc : 1.97g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MOO-23-00113

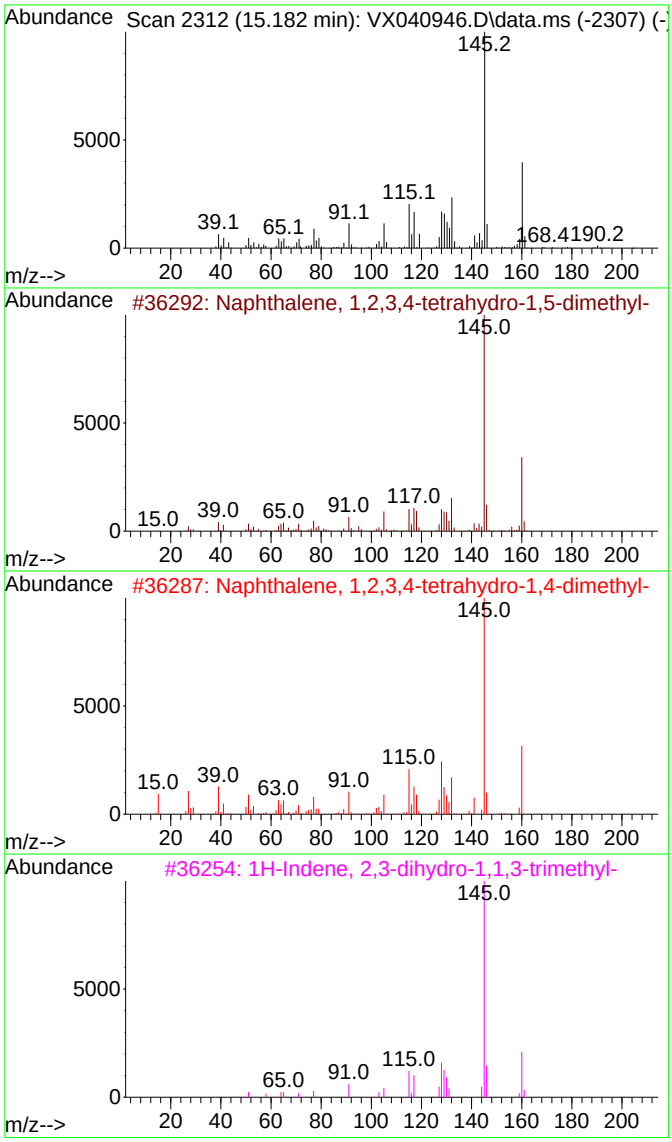
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
Quant Title : SW846 8260

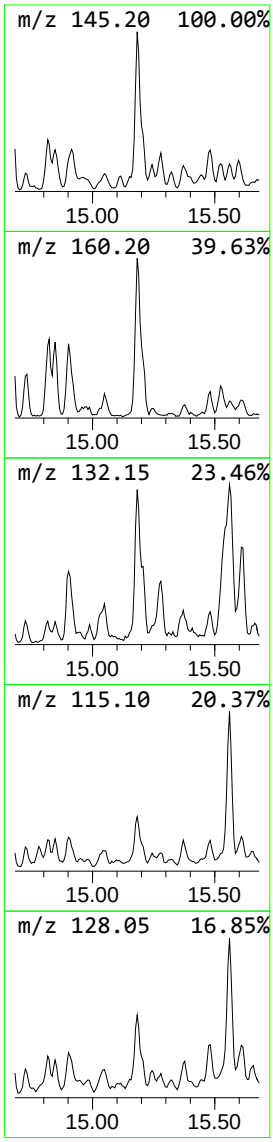
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.182 | 50.66 ug/l | 325895 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 021564-91-0 | 94 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 004175-54-6 | 94 |
| 3 | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 160 | C12H16 | 002613-76-5 | 91 |
| 4 | Benzene, 4-(2-butenyl)-1,2-dimet... | 160 | C12H16 | 054340-86-2 | 90 |
| 5 | Benzene, 1-(2-butenyl)-2,3-dimet... | 160 | C12H16 | 054340-85-1 | 89 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040924\
Data File : VX040946.D
Acq On : 09 Apr 2024 11:15
Operator : JC/MD
Sample : P1995-05
Misc : 1.97g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MOO-23-00113

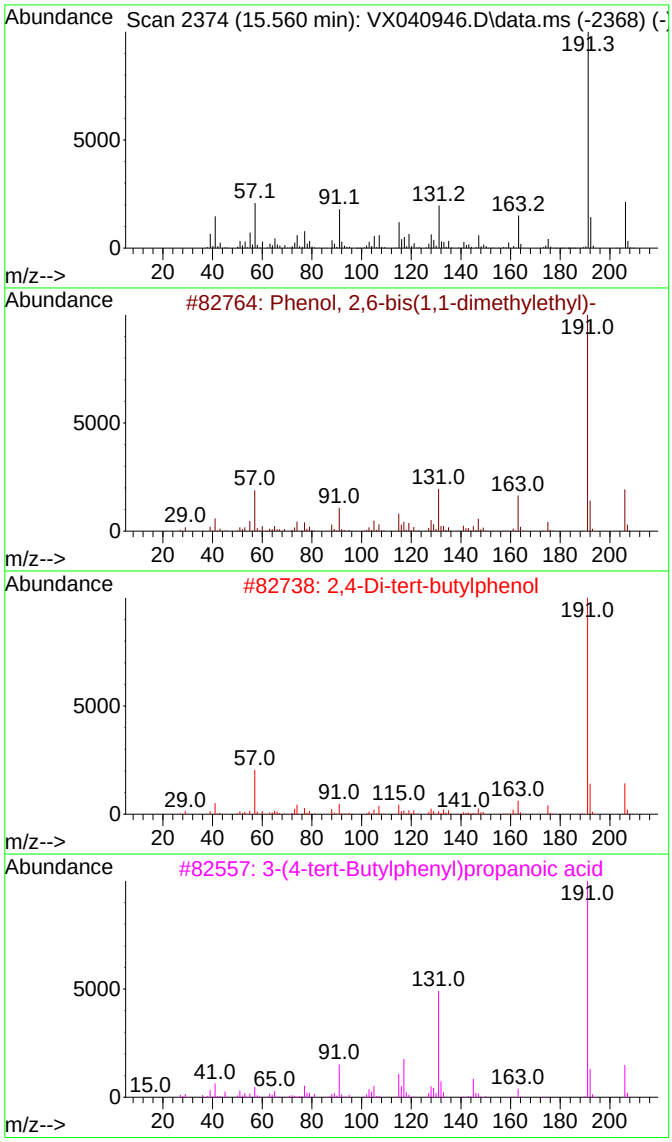
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
Quant Title : SW846 8260

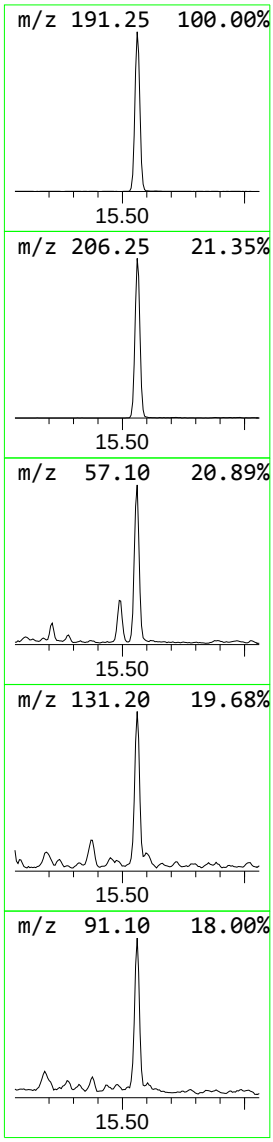
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.560 | 240.99 ug/l | 1550390 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,6-bis(1,1-dimethylethyl)- | 206 | C14H22O | 000128-39-2 | 98 |
| 2 | 2,4-Di-tert-butylphenol | 206 | C14H22O | 000096-76-4 | 90 |
| 3 | 3-(4-tert-Butylphenyl)propanoic ... | 206 | C13H18O2 | 001208-64-6 | 83 |
| 4 | Phenol, 2,5-bis(1,1-dimethylethyl)- | 206 | C14H22O | 005875-45-6 | 81 |
| 5 | Phenol, 3,5-bis(1,1-dimethylethyl)- | 206 | C14H22O | 001138-52-9 | 76 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040924\
Data File : VX040946.D
Acq On : 09 Apr 2024 11:15
Operator : JC/MD
Sample : P1995-05
Misc : 1.97g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MOO-23-00113

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Carbonic acid, ... | 12.421 | 61.1 | ug/l | 392888 | 4 | 12.024 | 321673 | 50.0 |
| 1-Phenyl-1-butene | 13.292 | 45.0 | ug/l | 289254 | 4 | 12.024 | 321673 | 50.0 |
| Naphthalene, 1,... | 13.420 | 52.1 | ug/l | 335524 | 4 | 12.024 | 321673 | 50.0 |
| Naphthalene, 1,... | 13.853 | 39.3 | ug/l | 253098 | 4 | 12.024 | 321673 | 50.0 |
| Bicyclo[4.2.0]o... | 13.926 | 41.8 | ug/l | 268994 | 4 | 12.024 | 321673 | 50.0 |
| Naphthalene, 1,... | 14.225 | 78.1 | ug/l | 502643 | 4 | 12.024 | 321673 | 50.0 |
| Naphthalene, 1,... | 14.481 | 57.2 | ug/l | 368236 | 4 | 12.024 | 321673 | 50.0 |
| Naphthalene, 1,... | 15.182 | 50.7 | ug/l | 325895 | 4 | 12.024 | 321673 | 50.0 |
| Phenol, 2,6-bis... | 15.560 | 241.0 | ug/l | 1550390 | 4 | 12.024 | 321673 | 50.0 |