LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
Data File : VY011264.D
Acq On : 02 Nov 2022 15:49
Operator : KP/MD
Sample : N5395-08
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
S-2-103122

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_Y\methods\82Y110122S.M
Title : SW846 8260

Signal : TIC: VY011264.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.686 | 136 | 142 | 148 | rVB | 11405 | 21618 | 2.35% | 0.506% |
| 2 | 3.942 | 339 | 348 | 357 | rBV | 15787 | 42799 | 4.65% | 1.003% |
| 3 | 4.704 | 464 | 473 | 489 | rBV4 | 8330 | 28354 | 3.08% | 0.664% |
| 4 | 6.795 | 806 | 816 | 828 | rBV2 | 3718 | 11955 | 1.30% | 0.280% |
| 5 | 6.984 | 837 | 847 | 861 | rBV3 | 4969 | 16002 | 1.74% | 0.375% |
| 6 | 7.716 | 956 | 967 | 973 | rBV | 162121 | 394971 | 42.89% | 9.253% |
| 7 | 7.789 | 973 | 979 | 994 | rVB | 246841 | 554274 | 60.18% | 12.985% |
| 8 | 8.136 | 1026 | 1036 | 1047 | rBV | 126034 | 268168 | 29.12% | 6.282% |
| 9 | 8.685 | 1116 | 1126 | 1138 | rBV | 348263 | 671808 | 72.95% | 15.738% |
| 10 | 10.179 | 1361 | 1371 | 1378 | rBV | 544175 | 920975 | 100.00% | 21.575% |
| 11 | 11.489 | 1578 | 1586 | 1597 | rBV | 290089 | 472969 | 51.36% | 11.080% |
| 12 | 11.989 | 1662 | 1668 | 1675 | rBV9 | 3237 | 9826 | 1.07% | 0.230% |
| 13 | 12.111 | 1677 | 1688 | 1695 | rBV5 | 7428 | 25169 | 2.73% | 0.590% |
| 14 | 12.233 | 1705 | 1708 | 1714 | rVB3 | 6618 | 10020 | 1.09% | 0.235% |
| 15 | 12.477 | 1741 | 1748 | 1755 | rBV2 | 188046 | 324326 | 35.22% | 7.598% |
| 16 | 12.642 | 1768 | 1775 | 1782 | rVB5 | 11068 | 23840 | 2.59% | 0.558% |
| 17 | 12.727 | 1782 | 1789 | 1795 | rBV8 | 4043 | 12644 | 1.37% | 0.296% |
| 18 | 12.812 | 1795 | 1803 | 1810 | rBV10 | 8424 | 25939 | 2.82% | 0.608% |
| 19 | 12.940 | 1816 | 1824 | 1828 | rVB7 | 4772 | 11313 | 1.23% | 0.265% |
| 20 | 12.995 | 1828 | 1833 | 1837 | rBV3 | 7939 | 13649 | 1.48% | 0.320% |
| 21 | 13.068 | 1841 | 1845 | 1850 | rVB5 | 7077 | 11825 | 1.28% | 0.277% |
| 22 | 13.166 | 1858 | 1861 | 1867 | rBV7 | 5557 | 12222 | 1.33% | 0.286% |
| 23 | 13.282 | 1876 | 1880 | 1884 | rBV4 | 8712 | 11085 | 1.20% | 0.260% |
| 24 | 13.422 | 1894 | 1903 | 1908 | rBV | 112862 | 181472 | 19.70% | 4.251% |
| 25 | 13.477 | 1908 | 1912 | 1917 | rVB3 | 7661 | 14764 | 1.60% | 0.346% |
| 26 | 13.745 | 1951 | 1956 | 1960 | rBV6 | 10935 | 21857 | 2.37% | 0.512% |
| 27 | 13.959 | 1986 | 1991 | 2004 | rVB2 | 20440 | 45390 | 4.93% | 1.063% |
| 28 | 14.135 | 2015 | 2020 | 2027 | rVB9 | 5661 | 13378 | 1.45% | 0.313% |
| 29 | 14.196 | 2027 | 2030 | 2035 | rBV7 | 5593 | 10151 | 1.10% | 0.238% |
| 30 | 14.251 | 2035 | 2039 | 2046 | rBV8 | 9004 | 20104 | 2.18% | 0.471% |
| 31 | 14.410 | 2056 | 2065 | 2070 | rBV9 | 12525 | 33686 | 3.66% | 0.789% |
| 32 | 14.733 | 2114 | 2118 | 2124 | rVB7 | 6374 | 11628 | 1.26% | 0.272% |
| 33 | 15.214 | 2194 | 2197 | 2202 | rVB6 | 6547 | 9669 | 1.05% | 0.227% |
| 34 | 15.592 | 2257 | 2259 | 2266 | rVB8 | 5683 | 10809 | 1.17% | 0.253% |

Sum of corrected areas: 4268659

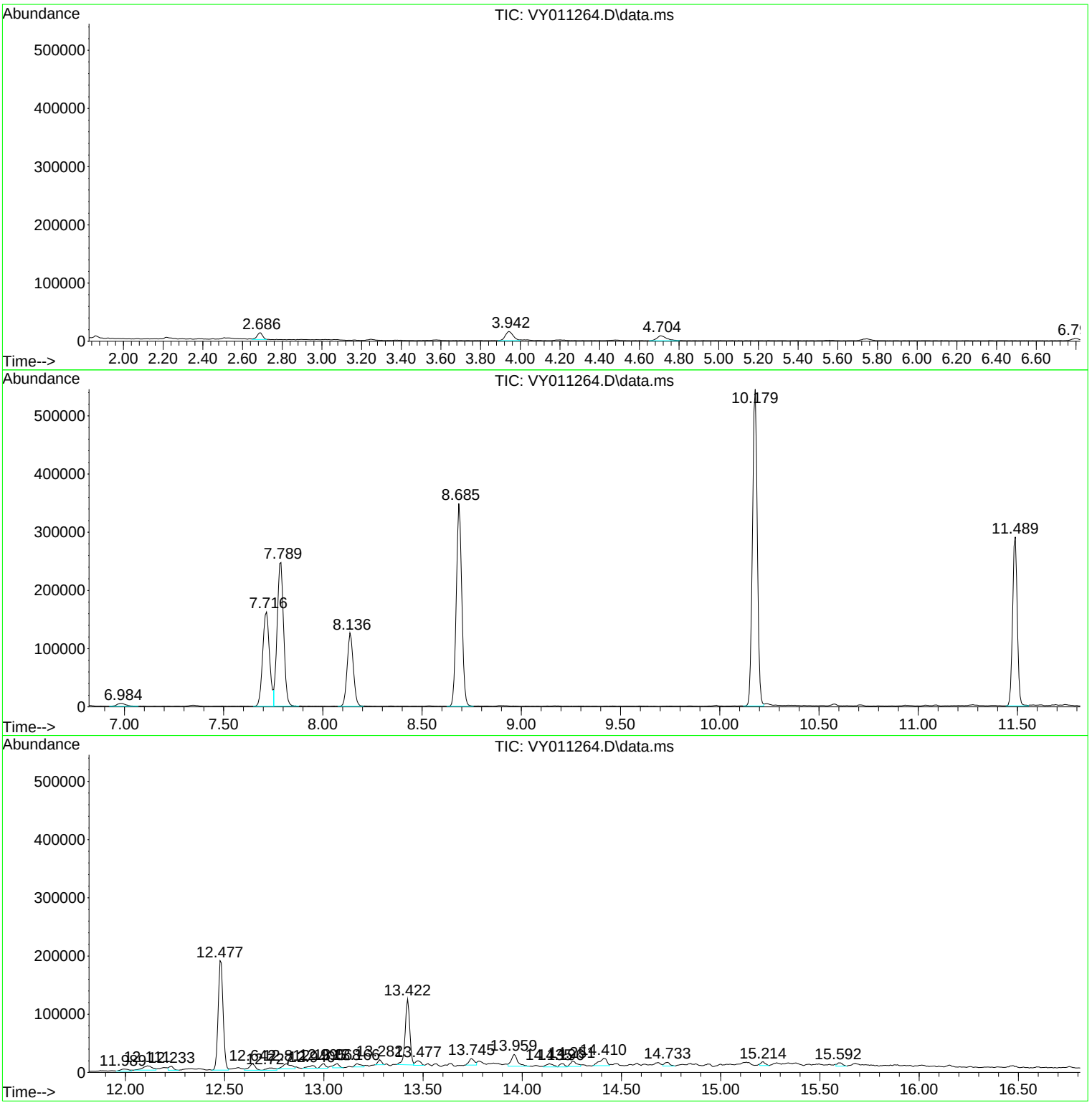
**Instrument :**
MSVOA_Y
**ClientSampleId :**
S-2-103122

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
Data File : VY011264.D
Acq On : 02 Nov 2022 15:49
Operator : KP/MD
Sample : N5395-08
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
S-2-103122

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
Data File : VY011264.D
Acq On : 02 Nov 2022 15:49
Operator : KP/MD
Sample : N5395-08
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
S-2-103122

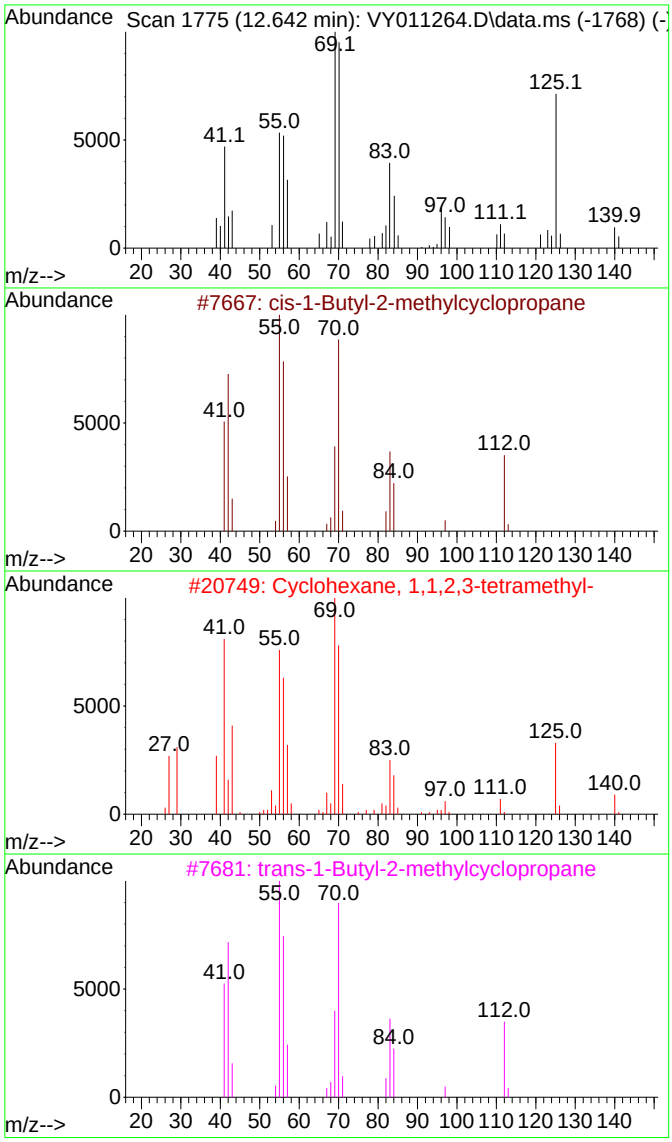
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260

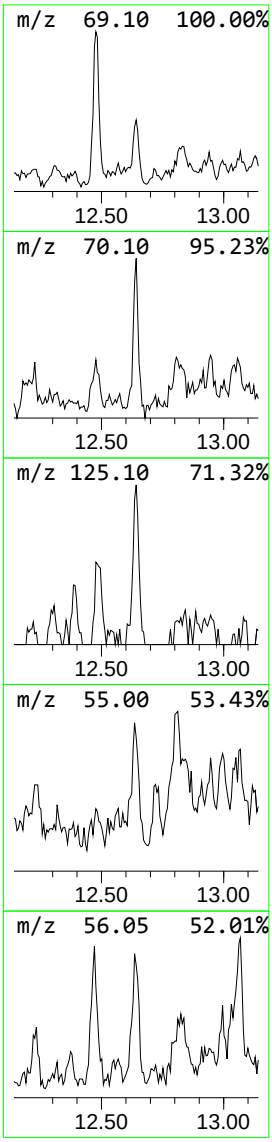
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 cis-1-Butyl-2-methylcyclopr... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.642 | 6.57 ug/l | 23840 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | cis-1-Butyl-2-methylcyclopropane | 112 | C8H16 | 038851-69-3 | 55 |
| 2 | Cyclohexane, 1,1,2,3-tetramethyl- | 140 | C10H20 | 006783-92-2 | 52 |
| 3 | trans-1-Butyl-2-methylcyclopropane | 112 | C8H16 | 038851-70-6 | 49 |
| 4 | 2-Octene, 2,6-dimethyl- | 140 | C10H20 | 004057-42-5 | 46 |
| 5 | Cyclopentane, 1,3-dimethyl- | 98 | C7H14 | 002453-00-1 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
Data File : VY011264.D
Acq On : 02 Nov 2022 15:49
Operator : KP/MD
Sample : N5395-08
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
S-2-103122

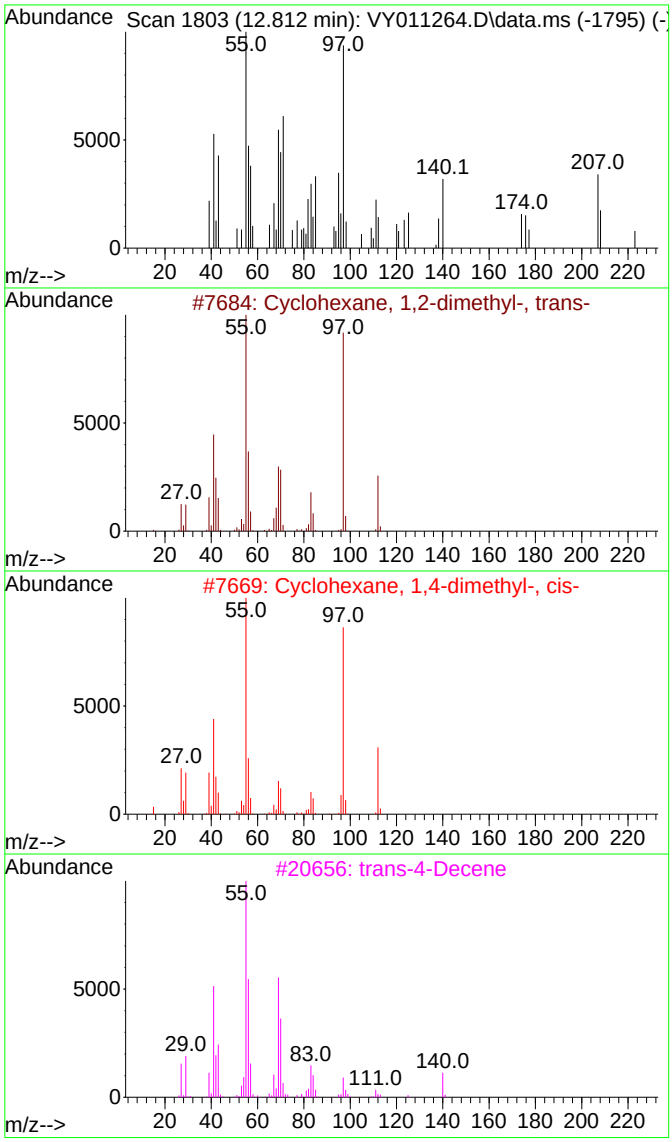
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260

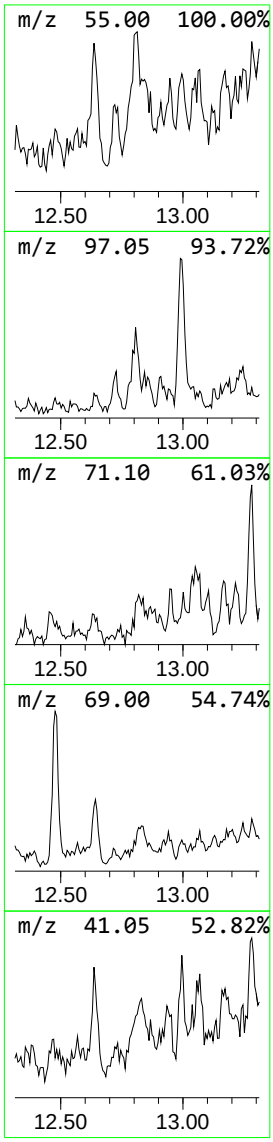
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.812 | 7.15 ug/l | 25939 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,2-dimethyl-, trans- | 112 | C8H16 | 006876-23-9 | 50 |
| 2 | Cyclohexane, 1,4-dimethyl-, cis- | 112 | C8H16 | 000624-29-3 | 25 |
| 3 | trans-4-Decene | 140 | C10H20 | 019398-89-1 | 25 |
| 4 | 1-(2-Furyl)-3-buten-1-ol | 138 | C8H10O2 | 1000311-94-9 | 25 |
| 5 | 2-Cyclohexen-1-ol, 1-methyl- | 112 | C7H12O | 023758-27-2 | 25 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
Data File : VY011264.D
Acq On : 02 Nov 2022 15:49
Operator : KP/MD
Sample : N5395-08
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
S-2-103122

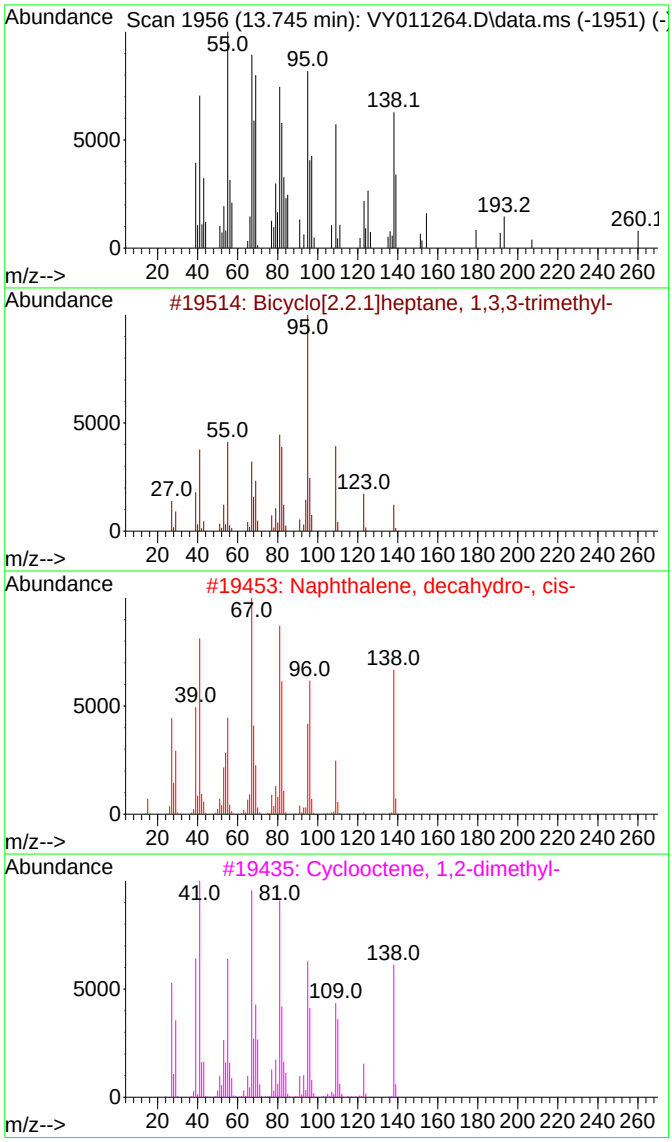
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260

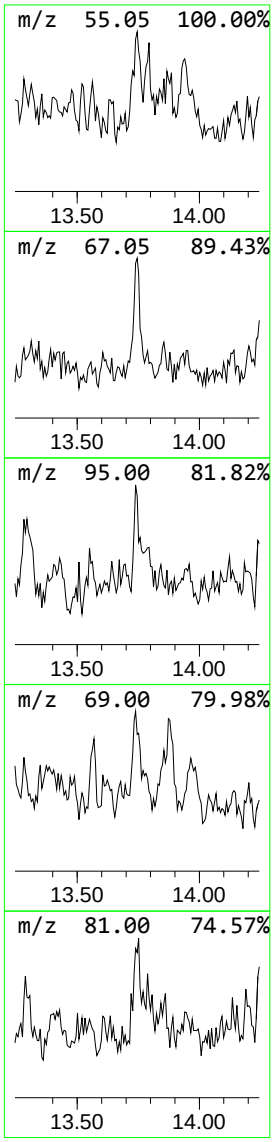
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Bicyclo[2.2.1]heptane, 1,3,... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.745 | 6.02 ug/l | 21857 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bicyclo[2.2.1]heptane, 1,3,3-tri... | 138 | C10H18 | 006248-88-0 | 58 |
| 2 | Naphthalene, decahydro-, cis- | 138 | C10H18 | 000493-01-6 | 50 |
| 3 | Cyclooctene, 1,2-dimethyl- | 138 | C10H18 | 054299-96-6 | 46 |
| 4 | Cyclohexene, 3-methyl-6-(1-methy... | 138 | C10H18 | 005256-65-5 | 46 |
| 5 | 2,6-Dimethylbicyclo[3.2.1]octane | 138 | C10H18 | 1000215-28-2 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
Data File : VY011264.D
Acq On : 02 Nov 2022 15:49
Operator : KP/MD
Sample : N5395-08
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
S-2-103122

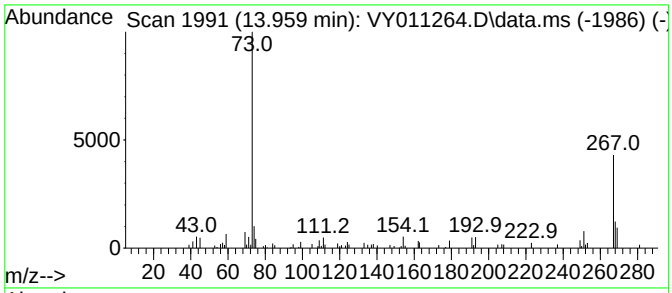
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260

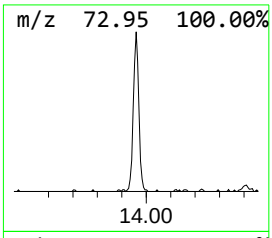
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

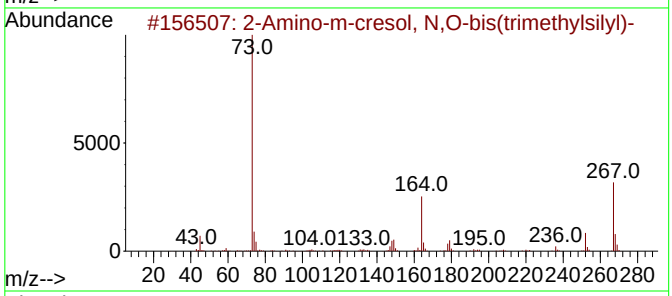
**********
Peak Number 4 2-Amino-m-cresol, N,O-bis(t... Concentration Rank 1

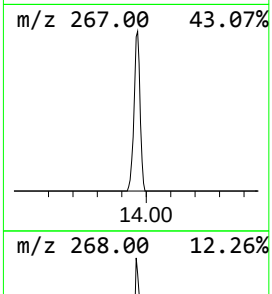
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.959 | 12.51 ug/l | 45390 | 1,4-Dichlorobenzene-d4 | 13.422 |

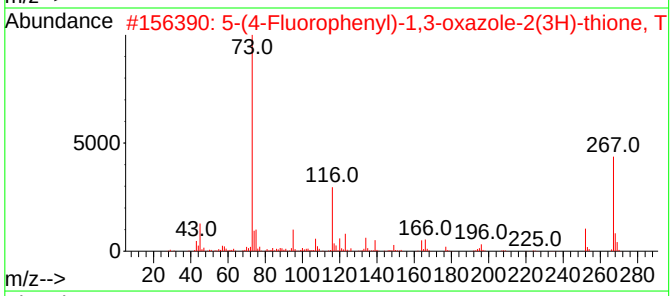
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Amino-m-cresol, N,O-bis(trimet... | 267 | C13H25NOSi2 | 1000449-77-1 | 53 |
| 2 | 5-(4-Fluorophenyl)-1,3-oxazole-2... | 267 | C12H14FNOSSi | 1000497-07-6 | 50 |
| 3 | 4-(2-Fluorophenyl)-2,3-dihydro-1... | 267 | C12H14FNOSSi | 1000504-37-6 | 38 |
| 4 | Benzeneethanamine, N-[(pentafluo... | 475 | C21H26F5NO2Si2 | 055429-85-1 | 36 |
| 5 | 4-(Methylamino)phenol, N,O-bis(t... | 267 | C13H25NOSi2 | 1000471-13-0 | 33 |

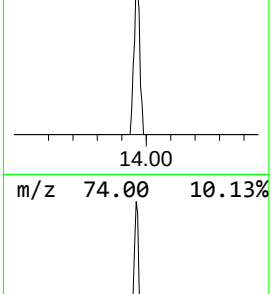


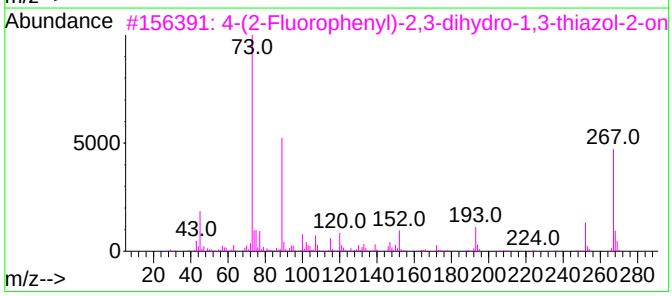



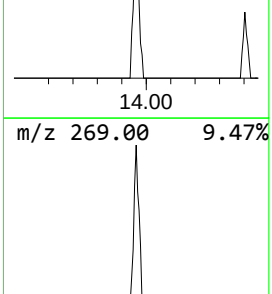



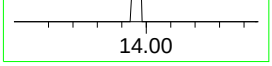



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
Data File : VY011264.D
Acq On : 02 Nov 2022 15:49
Operator : KP/MD
Sample : N5395-08
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
S-2-103122

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260

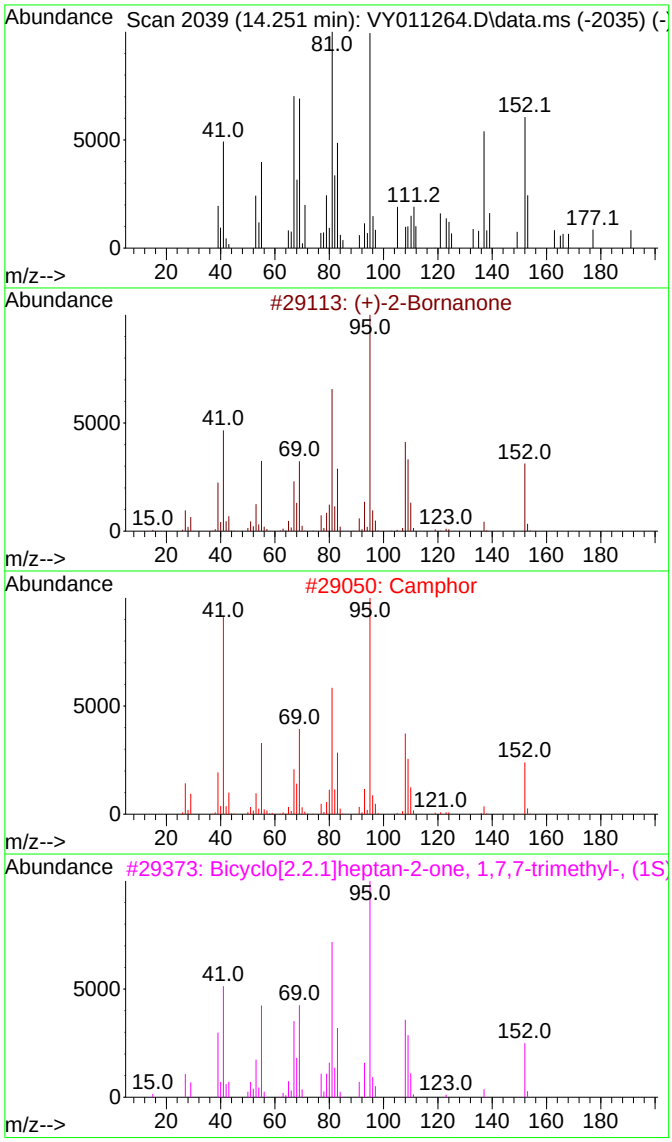
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

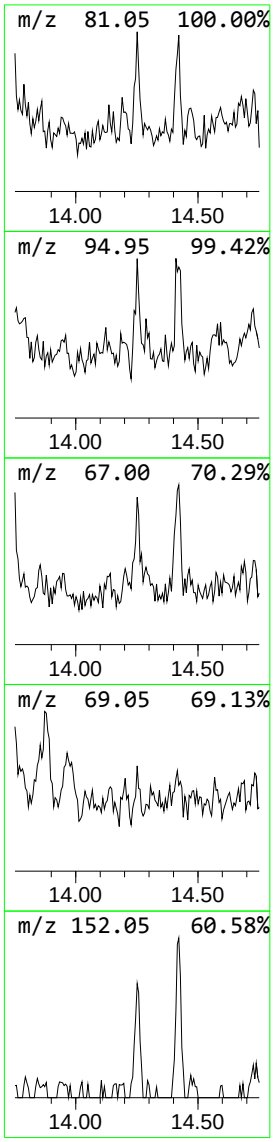
**********

Peak Number 5 (+)-2-Bornanone Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.251 | 5.54 ug/l | 20104 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (+)-2-Bornanone | 152 | C10H16O | 000464-49-3 | 76 |
| 2 | Camphor | 152 | C10H16O | 000076-22-2 | 76 |
| 3 | Bicyclo[2.2.1]heptan-2-one, 1,7,... | 152 | C10H16O | 000464-48-2 | 68 |
| 4 | trans,trans-3-Ethylbicyclo[4.4.0... | 166 | C12H22 | 058462-32-1 | 60 |
| 5 | Naphthalene, decahydro-2-methyl- | 152 | C11H20 | 002958-76-1 | 58 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
Data File : VY011264.D
Acq On : 02 Nov 2022 15:49
Operator : KP/MD
Sample : N5395-08
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
S-2-103122

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260

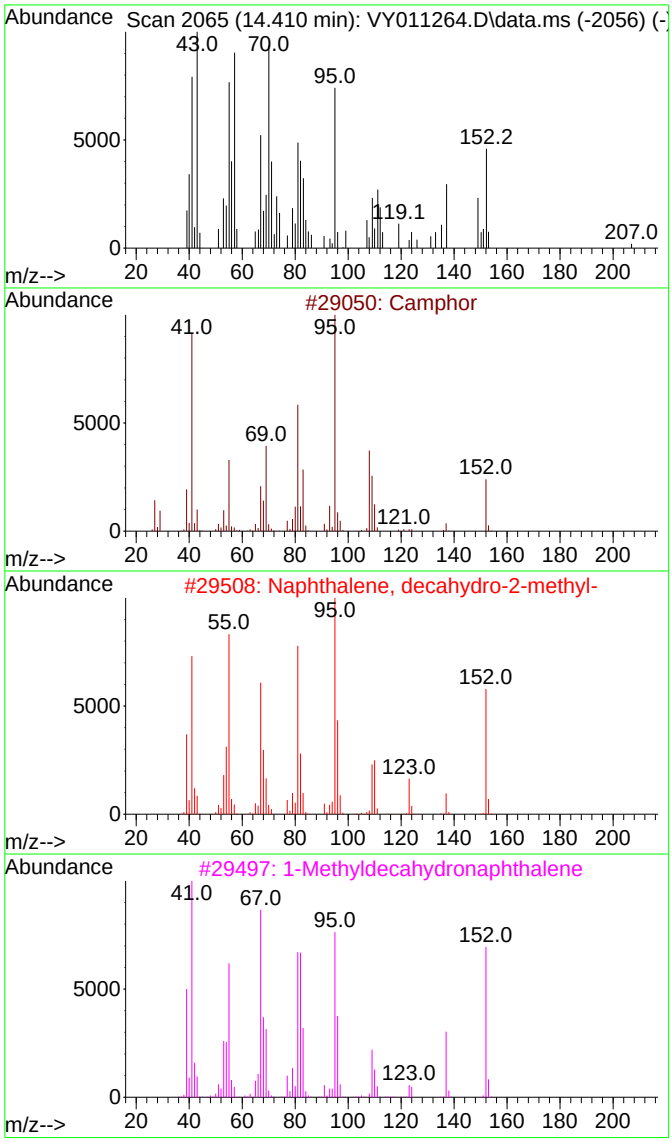
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

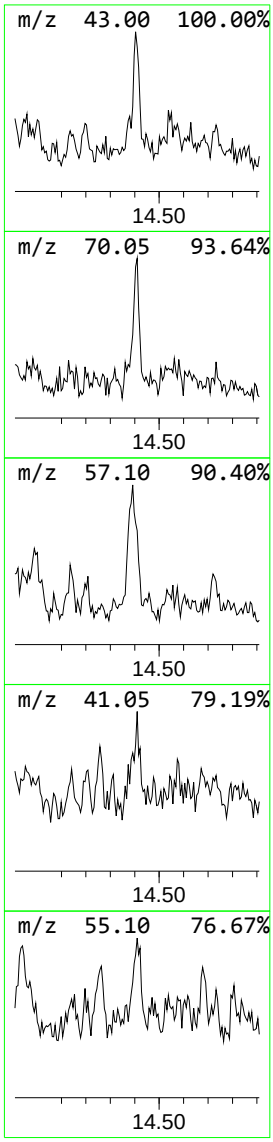
**********

Peak Number 6 unknown14.410 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.410 | 9.28 ug/l | 33686 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Camphor | 152 | C10H16O | 000076-22-2 | 30 |
| 2 | Naphthalene, decahydro-2-methyl- | 152 | C11H20 | 002958-76-1 | 30 |
| 3 | 1-Methyldecahydronaphthalene | 152 | C11H20 | 002958-75-0 | 30 |
| 4 | Diisopropylaminoacrylonitryl | 152 | C9H16N2 | 038691-28-0 | 25 |
| 5 | 2-Butanone, 4-(5-methyl-2-furanyl)- | 152 | C9H12O2 | 013679-56-6 | 25 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
Data File : VY011264.D
Acq On : 02 Nov 2022 15:49
Operator : KP/MD
Sample : N5395-08
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
S-2-103122

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.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 |
| cis-1-Butyl-2-m... | 12.642 | 6.6 | ug/l | 23840 | 4 | 13.422 | 181472 | 50.0 |
| Cyclohexane, 1,... | 12.812 | 7.2 | ug/l | 25939 | 4 | 13.422 | 181472 | 50.0 |
| Bicyclo[2.2.1]h... | 13.745 | 6.0 | ug/l | 21857 | 4 | 13.422 | 181472 | 50.0 |
| 2-Amino-m-creso... | 13.959 | 12.5 | ug/l | 45390 | 4 | 13.422 | 181472 | 50.0 |
| (+)-2-Bornanone | 14.251 | 5.5 | ug/l | 20104 | 4 | 13.422 | 181472 | 50.0 |
| unknown14.410 | 14.410 | 9.3 | ug/l | 33686 | 4 | 13.422 | 181472 | 50.0 |