LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
Data File : VY022845.D
Acq On : 26 Jun 2025 13:20
Operator : SY/MD
Sample : Q2413-06
Misc : 6.53g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TP-72

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\82Y062325S.M
Title : SW846 8260

Signal : TIC: VY022845.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.622 | 462 | 476 | 489 | rBV2 | 40915 | 130610 | 2.79% | 0.380% |
| 2 | 7.640 | 959 | 971 | 976 | rBV | 242733 | 585325 | 12.51% | 1.701% |
| 3 | 7.713 | 976 | 983 | 993 | rVB | 412811 | 957239 | 20.46% | 2.782% |
| 4 | 8.067 | 1032 | 1041 | 1054 | rVB | 206621 | 464132 | 9.92% | 1.349% |
| 5 | 8.615 | 1122 | 1131 | 1146 | rBV | 672212 | 1339907 | 28.63% | 3.894% |
| 6 | 9.109 | 1195 | 1212 | 1219 | rBV | 270185 | 590567 | 12.62% | 1.716% |
| 7 | 9.390 | 1248 | 1258 | 1265 | rVB3 | 33746 | 97373 | 2.08% | 0.283% |
| 8 | 9.536 | 1275 | 1282 | 1290 | rBV2 | 42650 | 83414 | 1.78% | 0.242% |
| 9 | 9.688 | 1298 | 1307 | 1311 | rBV | 50074 | 97581 | 2.09% | 0.284% |
| 10 | 9.749 | 1311 | 1317 | 1321 | rBV | 237410 | 434129 | 9.28% | 1.262% |
| 11 | 9.890 | 1329 | 1340 | 1352 | rVB | 279577 | 653117 | 13.96% | 1.898% |
| 12 | 10.036 | 1360 | 1364 | 1368 | rVV2 | 26830 | 52462 | 1.12% | 0.152% |
| 13 | 10.103 | 1368 | 1375 | 1390 | rVB | 2317247 | 4679479 | 100.00% | 13.599% |
| 14 | 10.231 | 1390 | 1396 | 1398 | rBV2 | 50729 | 76667 | 1.64% | 0.223% |
| 15 | 10.298 | 1398 | 1407 | 1414 | rVB2 | 788663 | 1483435 | 31.70% | 4.311% |
| 16 | 10.450 | 1421 | 1432 | 1439 | rVB | 610551 | 1160283 | 24.80% | 3.372% |
| 17 | 10.548 | 1439 | 1448 | 1453 | rBV | 932262 | 1769612 | 37.82% | 5.143% |
| 18 | 10.591 | 1453 | 1455 | 1459 | rVV | 92402 | 128775 | 2.75% | 0.374% |
| 19 | 10.639 | 1459 | 1463 | 1468 | rVB2 | 134143 | 206169 | 4.41% | 0.599% |
| 20 | 10.731 | 1472 | 1478 | 1483 | rVB2 | 247914 | 393997 | 8.42% | 1.145% |
| 21 | 10.828 | 1488 | 1494 | 1501 | rBV | 230191 | 452914 | 9.68% | 1.316% |
| 22 | 10.902 | 1501 | 1506 | 1508 | rVV | 495313 | 850128 | 18.17% | 2.471% |
| 23 | 10.932 | 1508 | 1511 | 1513 | rVV | 565452 | 888041 | 18.98% | 2.581% |
| 24 | 10.963 | 1513 | 1516 | 1521 | rVV | 837894 | 1324710 | 28.31% | 3.850% |
| 25 | 11.017 | 1521 | 1525 | 1530 | rVV | 510142 | 858113 | 18.34% | 2.494% |
| 26 | 11.072 | 1530 | 1534 | 1538 | rVB | 114066 | 161315 | 3.45% | 0.469% |
| 27 | 11.133 | 1538 | 1544 | 1548 | rBV3 | 203295 | 383843 | 8.20% | 1.115% |
| 28 | 11.213 | 1548 | 1557 | 1567 | rVB3 | 1007565 | 2623827 | 56.07% | 7.625% |
| 29 | 11.310 | 1567 | 1573 | 1578 | rBV | 561393 | 891743 | 19.06% | 2.591% |
| 30 | 11.414 | 1584 | 1590 | 1600 | rBV | 1044359 | 1728798 | 36.94% | 5.024% |
| 31 | 11.505 | 1600 | 1605 | 1608 | rVV3 | 95515 | 167610 | 3.58% | 0.487% |
| 32 | 11.548 | 1608 | 1612 | 1616 | rVV | 304459 | 483615 | 10.33% | 1.405% |
| 33 | 11.603 | 1616 | 1621 | 1623 | rVV | 346412 | 616363 | 13.17% | 1.791% |
| 34 | 11.639 | 1623 | 1627 | 1635 | rVV2 | 1105516 | 2511513 | 53.67% | 7.299% |
| 35 | 11.706 | 1635 | 1638 | 1643 | rVB | 214857 | 323493 | 6.91% | 0.940% |
| 36 | 11.822 | 1651 | 1657 | 1660 | rBV3 | 45053 | 75760 | 1.62% | 0.220% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
Data File : VY022845.D
Acq On : 26 Jun 2025 13:20
Operator : SY/MD
Sample : Q2413-06
Misc : 6.53g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TP-72

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\82Y062325S.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 11.926 | 1667 | 1674 | 1686 | rBV5 | 285533 | 921159 | 19.69% | 2.677% |
| 38 | 12.084 | 1697 | 1700 | 1703 | rBV | 44668 | 66756 | 1.43% | 0.194% |
| 39 | 12.127 | 1703 | 1707 | 1710 | rVB | 87122 | 111079 | 2.37% | 0.323% |
| 40 | 12.176 | 1710 | 1715 | 1718 | rBV2 | 88227 | 131730 | 2.82% | 0.383% |
| 41 | 12.407 | 1747 | 1753 | 1762 | rVV2 | 843453 | 1435157 | 30.67% | 4.171% |
| 42 | 12.731 | 1801 | 1806 | 1811 | rVB2 | 51780 | 84882 | 1.81% | 0.247% |
| 43 | 13.041 | 1851 | 1857 | 1862 | rVB | 32517 | 49861 | 1.07% | 0.145% |
| 44 | 13.346 | 1900 | 1907 | 1917 | rVB | 895667 | 1412577 | 30.19% | 4.105% |
| 45 | 13.669 | 1954 | 1960 | 1964 | rBV2 | 38347 | 64208 | 1.37% | 0.187% |
| 46 | 13.883 | 1989 | 1995 | 2001 | rVB2 | 257872 | 407127 | 8.70% | 1.183% |

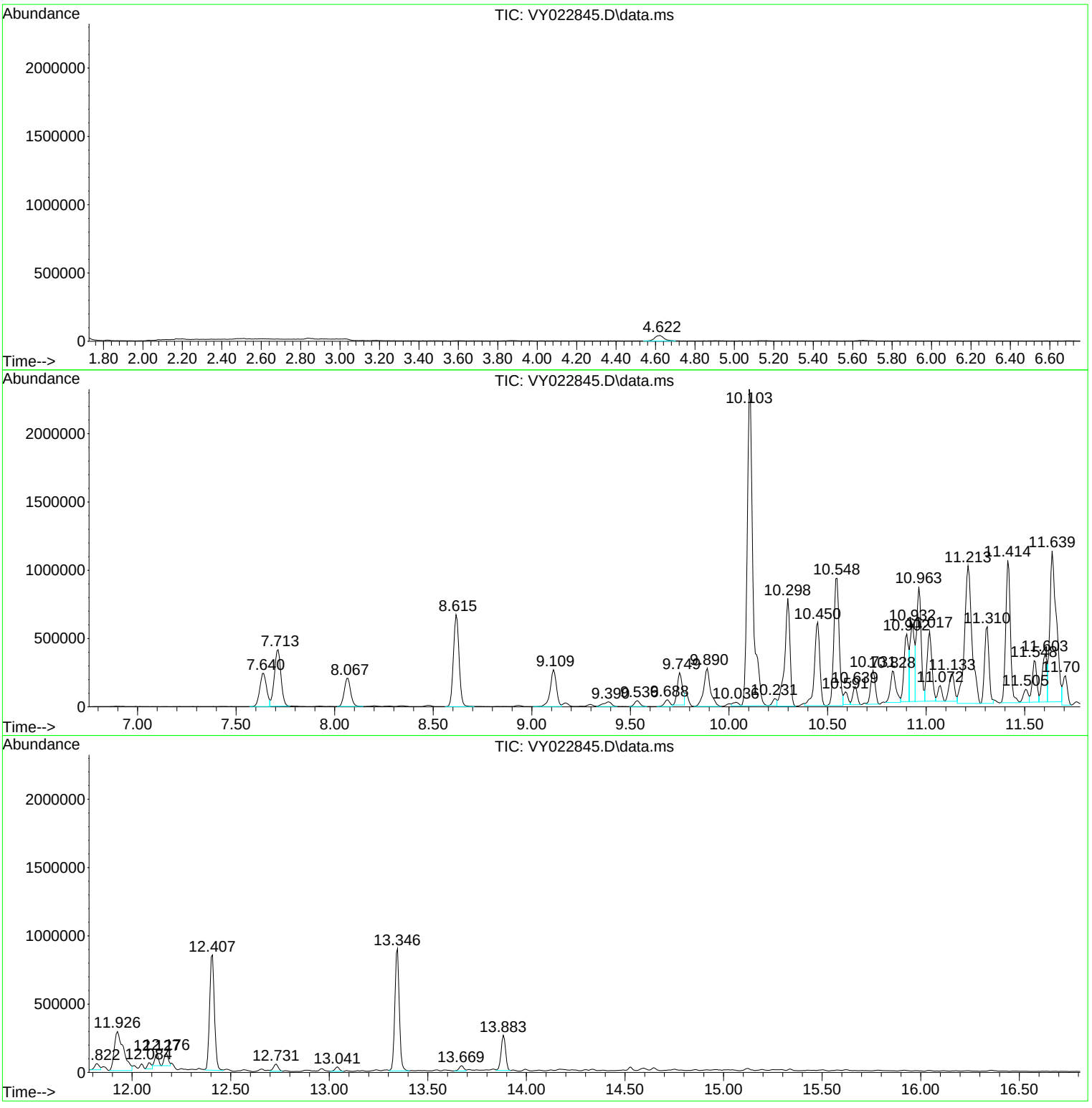
Sum of corrected areas: 34410595

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
Data File : VY022845.D
Acq On : 26 Jun 2025 13:20
Operator : SY/MD
Sample : Q2413-06
Misc : 6.53g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TP-72

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
Data File : VY022845.D
Acq On : 26 Jun 2025 13:20
Operator : SY/MD
Sample : Q2413-06
Misc : 6.53g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TP-72

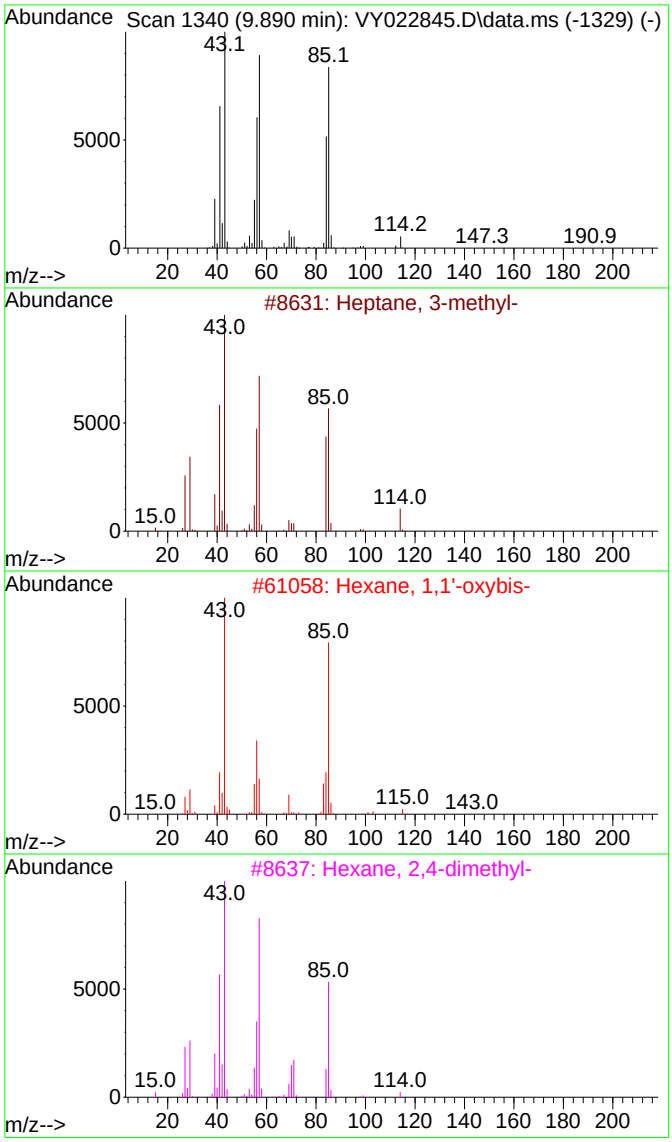
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

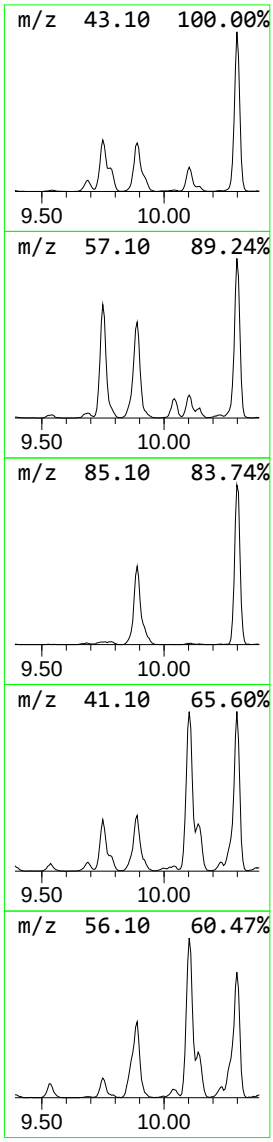
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Heptane, 3-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.890 | 24.37 ug/l | 653117 | 1,4-Difluorobenzene | 8.615 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 3-methyl- | 114 | C8H18 | 000589-81-1 | 91 |
| 2 | Hexane, 1,1'-oxybis- | 186 | C12H26O | 000112-58-3 | 64 |
| 3 | Hexane, 2,4-dimethyl- | 114 | C8H18 | 000589-43-5 | 64 |
| 4 | Hexane, 1-(hexyloxy)-2-methyl- | 200 | C13H28O | 074421-17-3 | 64 |
| 5 | Oxalic acid, butyl isohexyl ester | 230 | C12H22O4 | 1000309-32-7 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
Data File : VY022845.D
Acq On : 26 Jun 2025 13:20
Operator : SY/MD
Sample : Q2413-06
Misc : 6.53g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TP-72

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

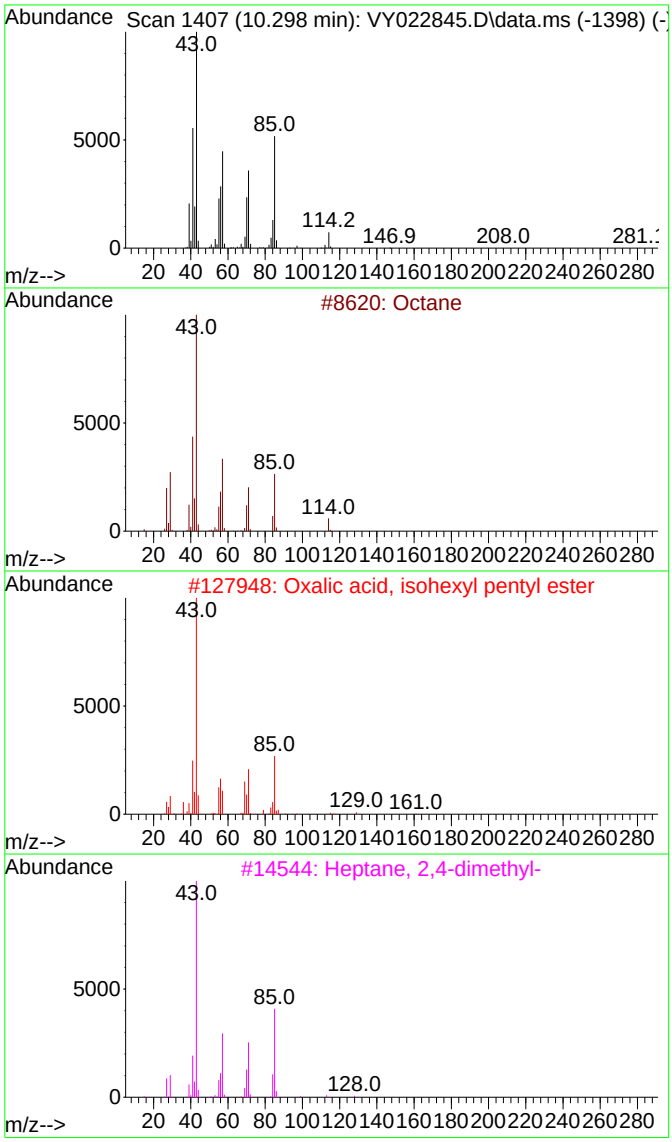
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

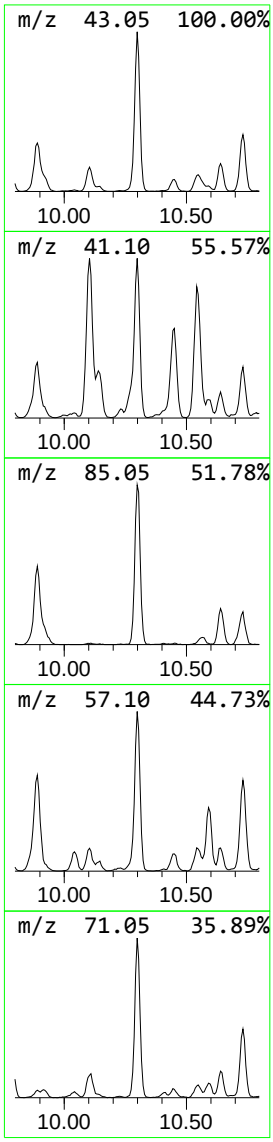
**********

Peak Number 2 Octane Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.298 | 42.90 ug/l | 1483440 | Chlorobenzene-d5 | 11.414 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane | 114 | C8H18 | 000111-65-9 | 91 |
| 2 | Oxalic acid, isohexyl pentyl ester | 244 | C13H24O4 | 1000309-32-8 | 72 |
| 3 | Heptane, 2,4-dimethyl- | 128 | C9H20 | 002213-23-2 | 72 |
| 4 | Hexane, 2,4-dimethyl- | 114 | C8H18 | 000589-43-5 | 72 |
| 5 | Heptane, 2,3-dimethyl- | 128 | C9H20 | 003074-71-3 | 53 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
Data File : VY022845.D
Acq On : 26 Jun 2025 13:20
Operator : SY/MD
Sample : Q2413-06
Misc : 6.53g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TP-72

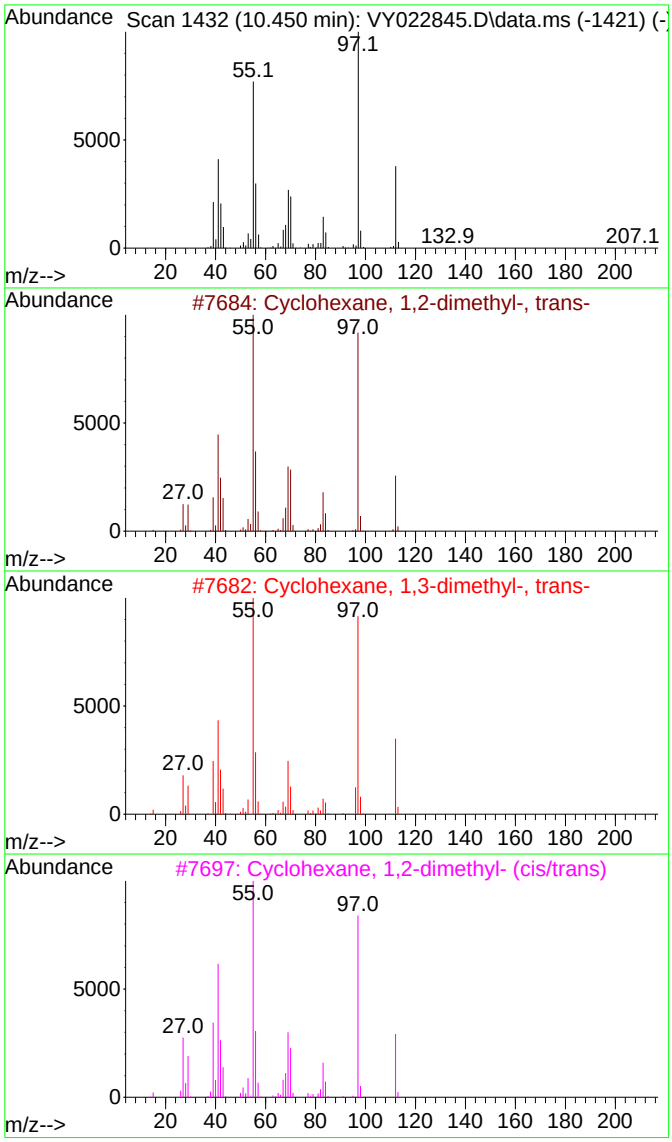
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

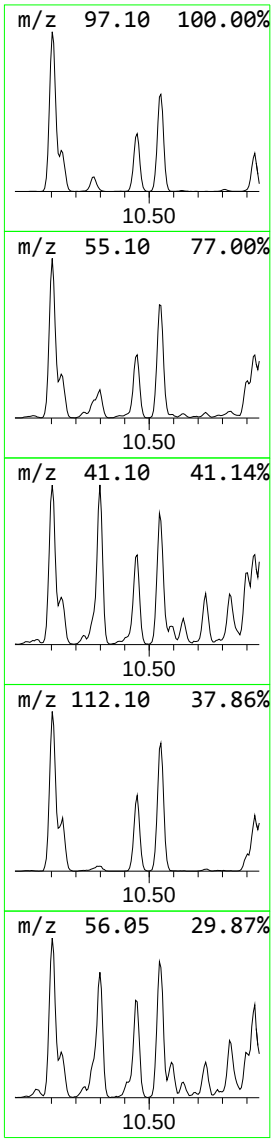
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.451 | 33.56 ug/l | 1160280 | Chlorobenzene-d5 | 11.414 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,2-dimethyl-, trans- | 112 | C8H16 | 006876-23-9 | 96 |
| 2 | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16 | 002207-03-6 | 90 |
| 3 | Cyclohexane, 1,2-dimethyl- (cis/... | 112 | C8H16 | 000583-57-3 | 90 |
| 4 | Cyclohexane, 1,4-dimethyl- | 112 | C8H16 | 000589-90-2 | 81 |
| 5 | Cyclohexane, 1,4-dimethyl-, trans- | 112 | C8H16 | 002207-04-7 | 74 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
Data File : VY022845.D
Acq On : 26 Jun 2025 13:20
Operator : SY/MD
Sample : Q2413-06
Misc : 6.53g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TP-72

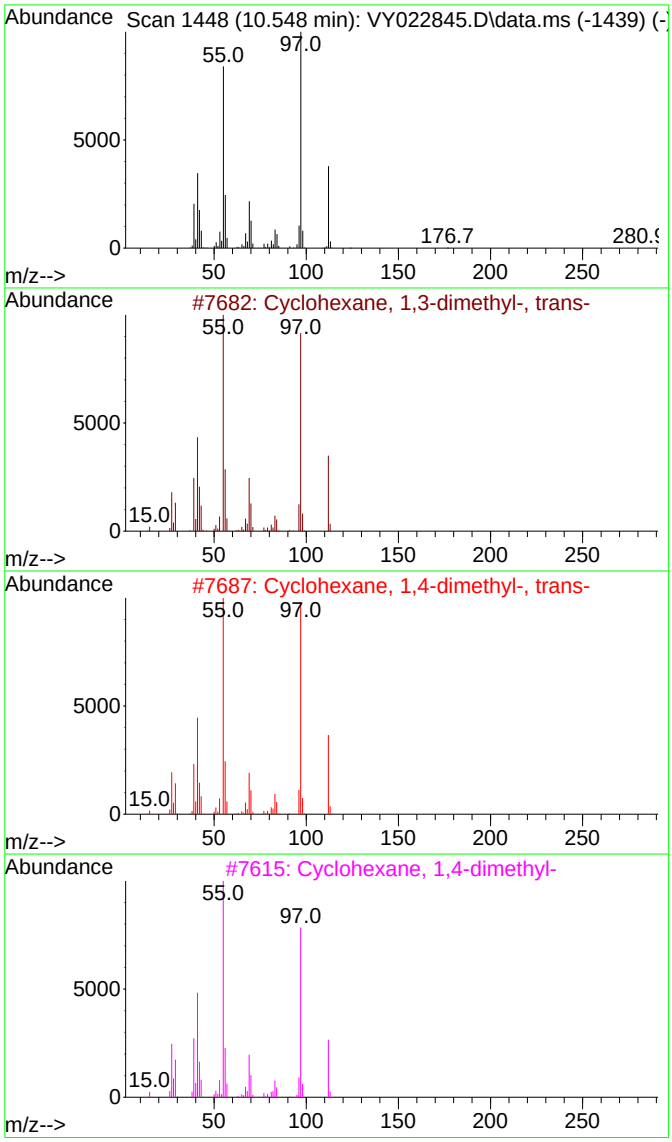
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

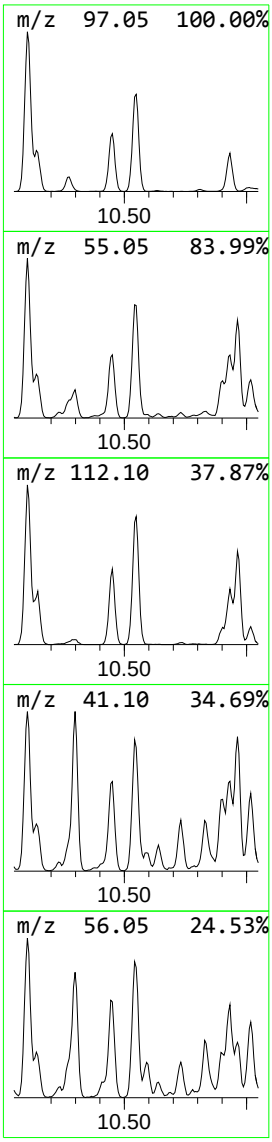
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.548 | 51.18 ug/l | 1769610 | Chlorobenzene-d5 | 11.414 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16 | 002207-03-6 | 96 |
| 2 | Cyclohexane, 1,4-dimethyl-, trans- | 112 | C8H16 | 002207-04-7 | 96 |
| 3 | Cyclohexane, 1,4-dimethyl- | 112 | C8H16 | 000589-90-2 | 95 |
| 4 | Cyclohexane, 1,3-dimethyl-, cis- | 112 | C8H16 | 000638-04-0 | 94 |
| 5 | Cyclohexane, 1,4-dimethyl-, cis- | 112 | C8H16 | 000624-29-3 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
Data File : VY022845.D
Acq On : 26 Jun 2025 13:20
Operator : SY/MD
Sample : Q2413-06
Misc : 6.53g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TP-72

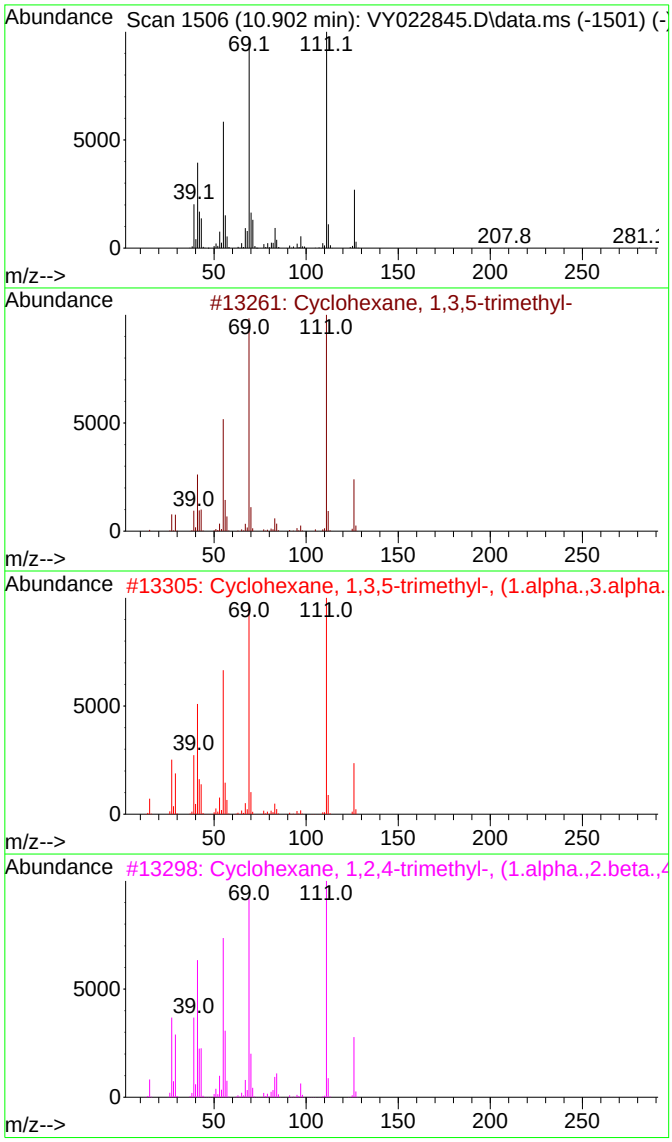
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

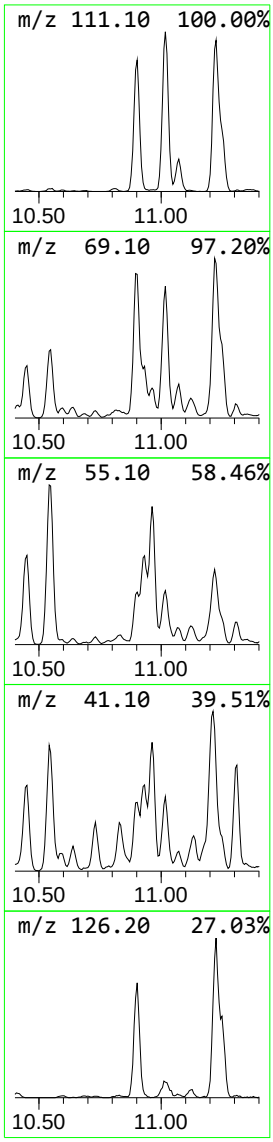
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Cyclohexane, 1,3,5-trimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.902 | 24.59 ug/l | 850128 | Chlorobenzene-d5 | 11.414 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,3,5-trimethyl- | 126 | C9H18 | 001839-63-0 | 94 |
| 2 | Cyclohexane, 1,3,5-trimethyl-, (... | 126 | C9H18 | 001795-27-3 | 93 |
| 3 | Cyclohexane, 1,2,4-trimethyl-, (... | 126 | C9H18 | 007667-60-9 | 93 |
| 4 | Cyclohexane, 1,3,5-trimethyl-, (... | 126 | C9H18 | 001795-26-2 | 83 |
| 5 | 3-Octen-2-one | 126 | C8H14O | 001669-44-9 | 47 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
Data File : VY022845.D
Acq On : 26 Jun 2025 13:20
Operator : SY/MD
Sample : Q2413-06
Misc : 6.53g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TP-72

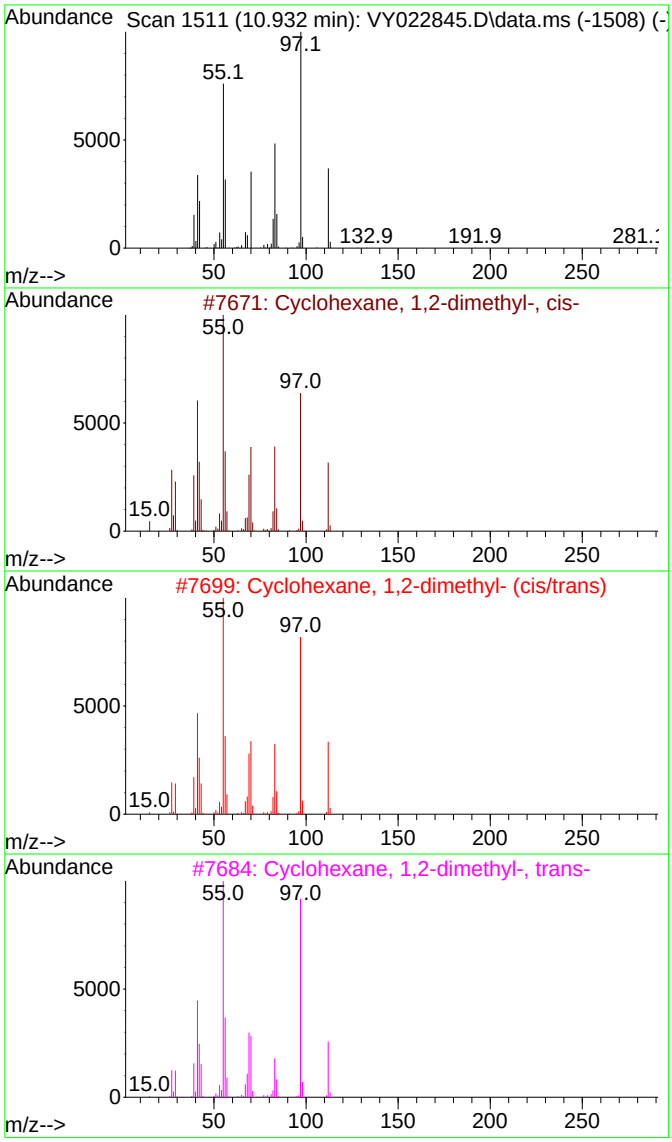
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

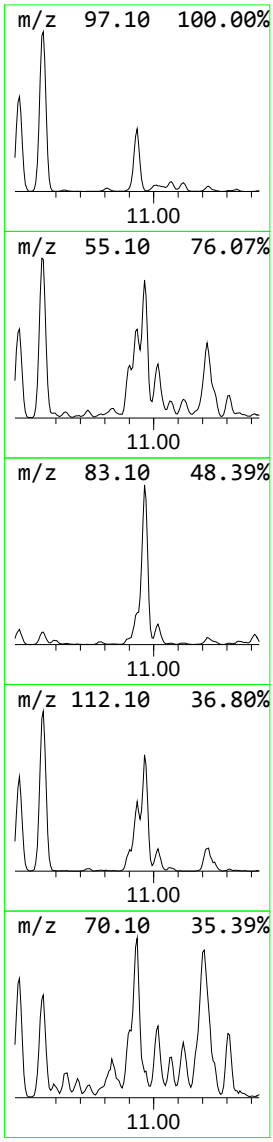
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.932 | 25.68 ug/l | 888041 | Chlorobenzene-d5 | 11.414 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,2-dimethyl-, cis- | 112 | C8H16 | 002207-01-4 | 91 |
| 2 | Cyclohexane, 1,2-dimethyl- (cis/... | 112 | C8H16 | 000583-57-3 | 90 |
| 3 | Cyclohexane, 1,2-dimethyl-, trans- | 112 | C8H16 | 006876-23-9 | 72 |
| 4 | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16 | 002207-03-6 | 64 |
| 5 | Cyclohexane, 1,4-dimethyl-, cis- | 112 | C8H16 | 000624-29-3 | 58 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
Data File : VY022845.D
Acq On : 26 Jun 2025 13:20
Operator : SY/MD
Sample : Q2413-06
Misc : 6.53g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TP-72

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

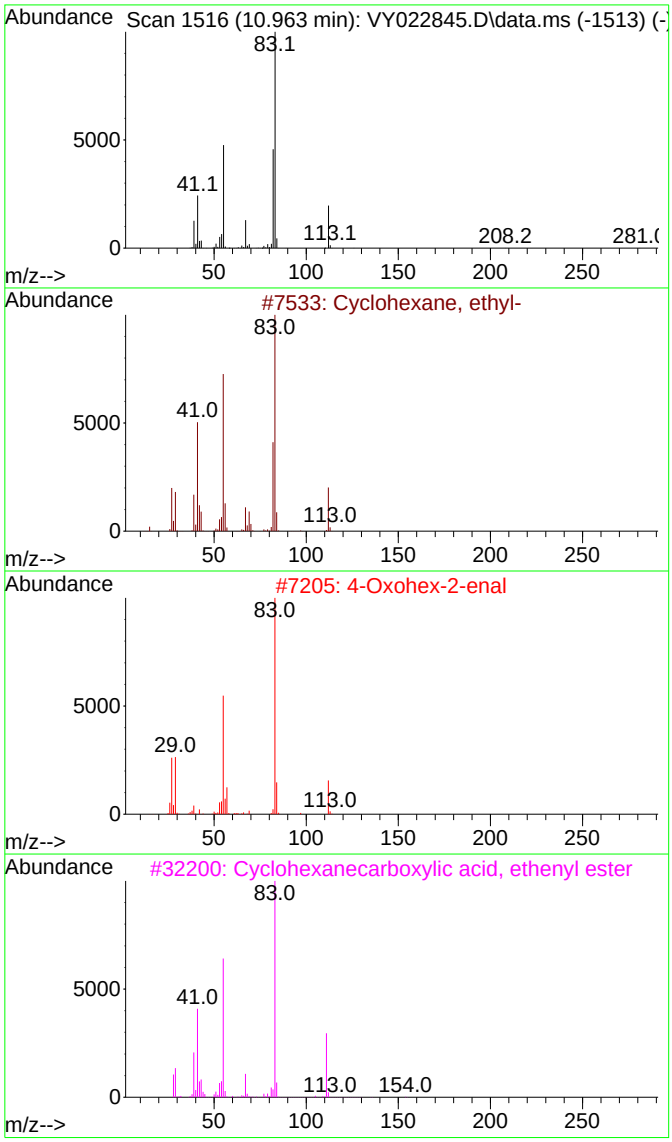
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

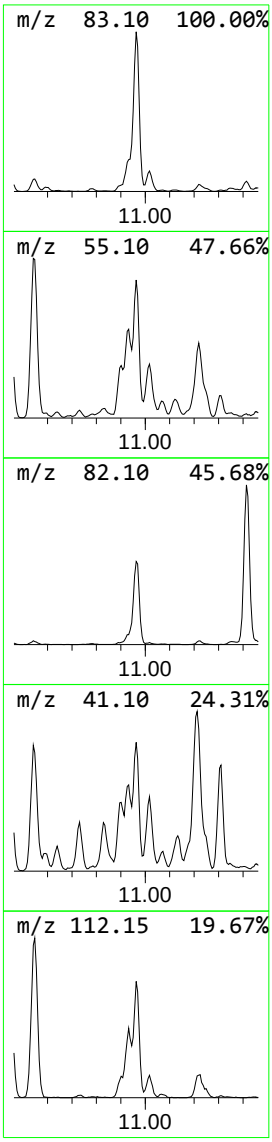
**********

Peak Number 7 Cyclohexane, ethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.963 | 38.31 ug/l | 1324710 | Chlorobenzene-d5 | 11.414 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, ethyl- | 112 | C8H16 | 001678-91-7 | 86 |
| 2 | 4-Oxohex-2-enal | 112 | C6H8O2 | 020697-55-6 | 58 |
| 3 | Cyclohexanecarboxylic acid, ethe... | 154 | C9H14O2 | 004840-76-0 | 50 |
| 4 | Cyclohexane, bromo- | 162 | C6H11Br | 000108-85-0 | 50 |
| 5 | Cyclopropane, 2-bromo-1,1,3-trim... | 162 | C6H11Br | 036617-00-2 | 47 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
Data File : VY022845.D
Acq On : 26 Jun 2025 13:20
Operator : SY/MD
Sample : Q2413-06
Misc : 6.53g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TP-72

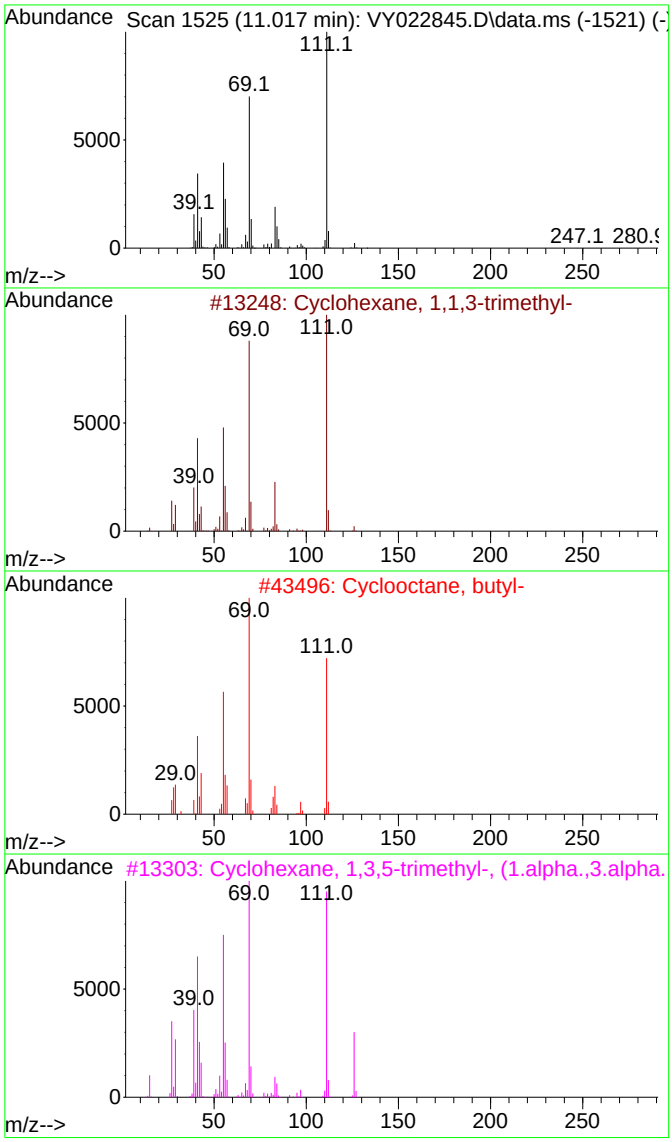
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

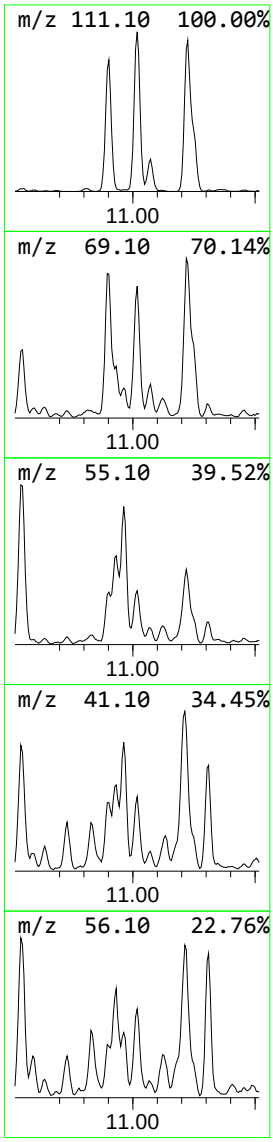
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.017 | 24.82 ug/l | 858113 | Chlorobenzene-d5 | 11.414 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,1,3-trimethyl- | 126 | C9H18 | 003073-66-3 | 94 |
| 2 | Cyclooctane, butyl- | 168 | C12H24 | 016538-93-5 | 64 |
| 3 | Cyclohexane, 1,3,5-trimethyl-, (... | 126 | C9H18 | 001795-26-2 | 59 |
| 4 | Cyclohexane, 1,3,5-trimethyl- | 126 | C9H18 | 001839-63-0 | 53 |
| 5 | Cyclohexane, 1,3,5-trimethyl-, (... | 126 | C9H18 | 001795-27-3 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
Data File : VY022845.D
Acq On : 26 Jun 2025 13:20
Operator : SY/MD
Sample : Q2413-06
Misc : 6.53g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TP-72

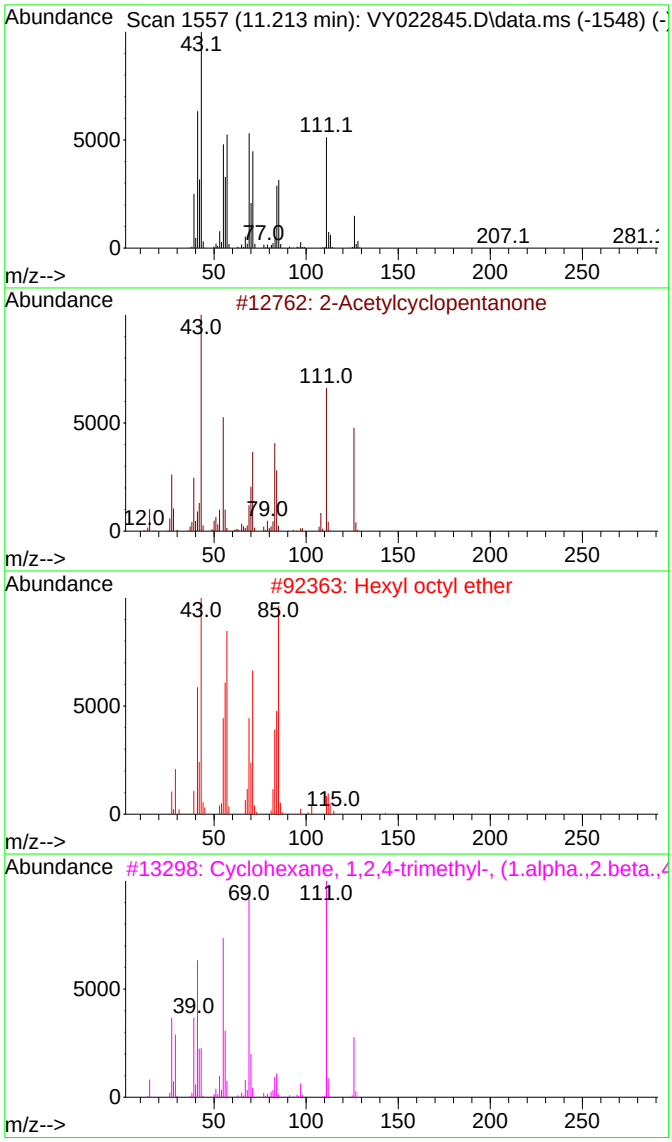
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

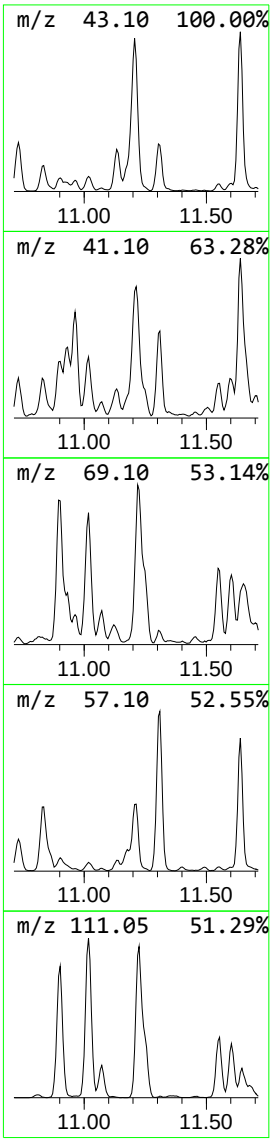
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 2-Acetylcyclopentanone Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.213 | 75.89 ug/l | 2623830 | Chlorobenzene-d5 | 11.414 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Acetylcyclopentanone | 126 | C7H10O2 | 001670-46-8 | 52 |
| 2 | Hexyl octyl ether | 214 | C14H30O | 017071-54-4 | 38 |
| 3 | Cyclohexane, 1,2,4-trimethyl-, (... | 126 | C9H18 | 007667-60-9 | 38 |
| 4 | Oxazole, trimethyl- | 111 | C6H9NO | 020662-84-4 | 30 |
| 5 | Cyclohexane, 1,3,5-trimethyl-, (... | 126 | C9H18 | 001795-26-2 | 30 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
Data File : VY022845.D
Acq On : 26 Jun 2025 13:20
Operator : SY/MD
Sample : Q2413-06
Misc : 6.53g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TP-72

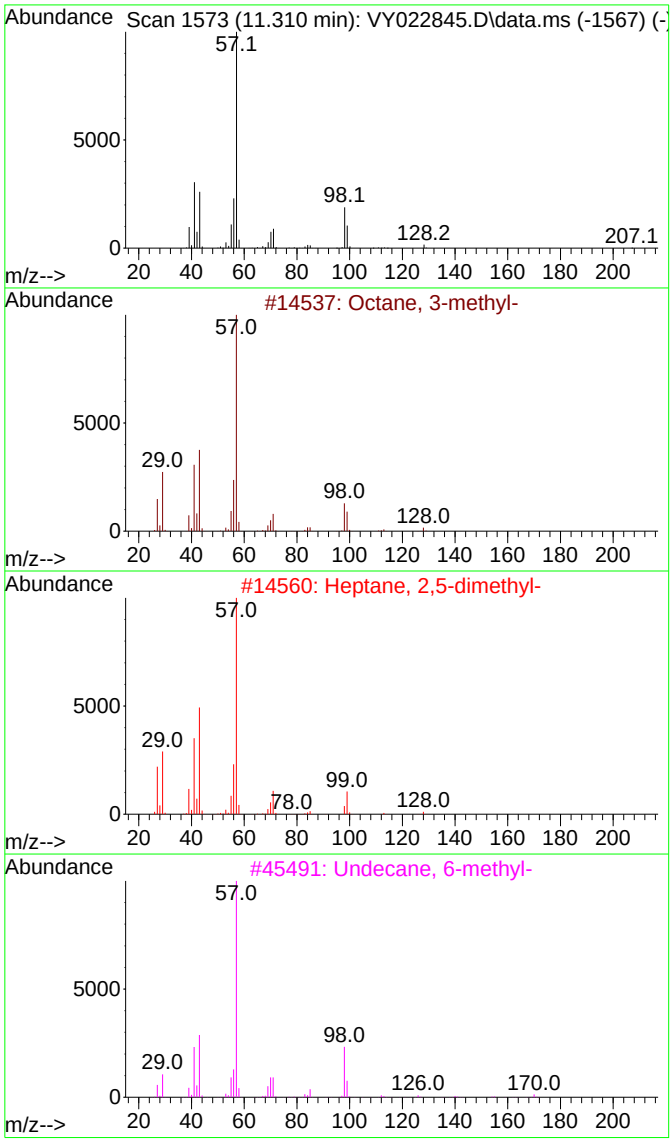
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

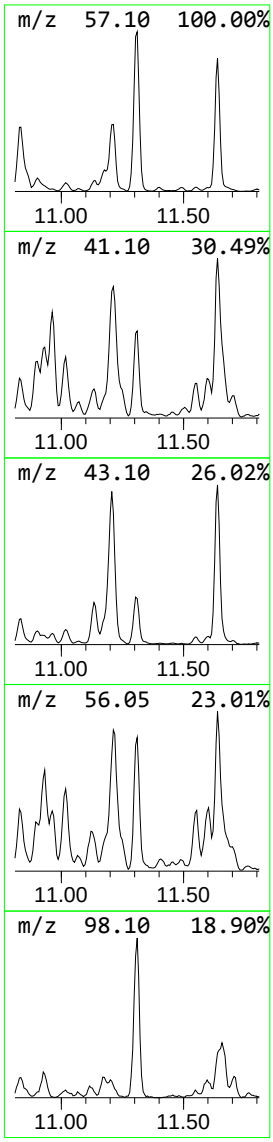
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Octane, 3-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.310 | 25.79 ug/l | 891743 | Chlorobenzene-d5 | 11.414 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 3-methyl- | 128 | C9H20 | 002216-33-3 | 91 |
| 2 | Heptane, 2,5-dimethyl- | 128 | C9H20 | 002216-30-0 | 87 |
| 3 | Undecane, 6-methyl- | 170 | C12H26 | 017302-33-9 | 59 |
| 4 | Heptane, 3,5-dimethyl- | 128 | C9H20 | 000926-82-9 | 53 |
| 5 | Butane, 2,2,3,3-tetramethyl- | 114 | C8H18 | 000594-82-1 | 53 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
Data File : VY022845.D
Acq On : 26 Jun 2025 13:20
Operator : SY/MD
Sample : Q2413-06
Misc : 6.53g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TP-72

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.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 |
| Heptane, 3-methyl- | 9.890 | 24.4 | ug/l | 653117 | 2 | 8.615 | 1339910 | 50.0 |
| Octane | 10.298 | 42.9 | ug/l | 1483440 | 3 | 11.414 | 1728800 | 50.0 |
| Cyclohexane, 1,... | 10.451 | 33.6 | ug/l | 1160280 | 3 | 11.414 | 1728800 | 50.0 |
| Cyclohexane, 1,... | 10.548 | 51.2 | ug/l | 1769610 | 3 | 11.414 | 1728800 | 50.0 |
| Cyclohexane, 1,... | 10.902 | 24.6 | ug/l | 850128 | 3 | 11.414 | 1728800 | 50.0 |
| Cyclohexane, 1,... | 10.932 | 25.7 | ug/l | 888041 | 3 | 11.414 | 1728800 | 50.0 |
| Cyclohexane, et... | 10.963 | 38.3 | ug/l | 1324710 | 3 | 11.414 | 1728800 | 50.0 |
| Cyclohexane, 1,... | 11.017 | 24.8 | ug/l | 858113 | 3 | 11.414 | 1728800 | 50.0 |
| 2-Acetylcyclope... | 11.213 | 75.9 | ug/l | 2623830 | 3 | 11.414 | 1728800 | 50.0 |
| Octane, 3-methyl- | 11.310 | 25.8 | ug/l | 891743 | 3 | 11.414 | 1728800 | 50.0 |