LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
Data File : VY001882.D
Acq On : 05 Mar 2020 15:20
Operator : SY/MD
Sample : L1778-26
Misc : 6.47G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** S8

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\82Y030420S.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 | 4.731 | 482 | 491 | 501 | rBV3 | 5701 | 17374 | 2.19% | 0.460% |
| 2 | 7.736 | 974 | 984 | 989 | rBV | 104595 | 244967 | 30.91% | 6.479% |
| 3 | 7.803 | 989 | 995 | 1011 | rVB | 176440 | 402064 | 50.73% | 10.634% |
| 4 | 8.157 | 1044 | 1053 | 1065 | rBV | 112640 | 249202 | 31.44% | 6.591% |
| 5 | 8.699 | 1134 | 1142 | 1153 | rBV | 299419 | 593551 | 74.89% | 15.699% |
| 6 | 10.187 | 1378 | 1386 | 1394 | rBV | 453386 | 792616 | 100.00% | 20.964% |
| 7 | 11.498 | 1594 | 1601 | 1609 | rVB | 378662 | 610467 | 77.02% | 16.147% |
| 8 | 12.491 | 1757 | 1764 | 1772 | rVB | 234335 | 374451 | 47.24% | 9.904% |
| 9 | 13.430 | 1912 | 1918 | 1926 | rBV | 251111 | 400499 | 50.53% | 10.593% |
| 10 | 13.772 | 1957 | 1974 | 1987 | rVB10 | 19070 | 85616 | 10.80% | 2.265% |
| 11 | 14.089 | 2019 | 2026 | 2032 | rBV9 | 3883 | 9980 | 1.26% | 0.264% |

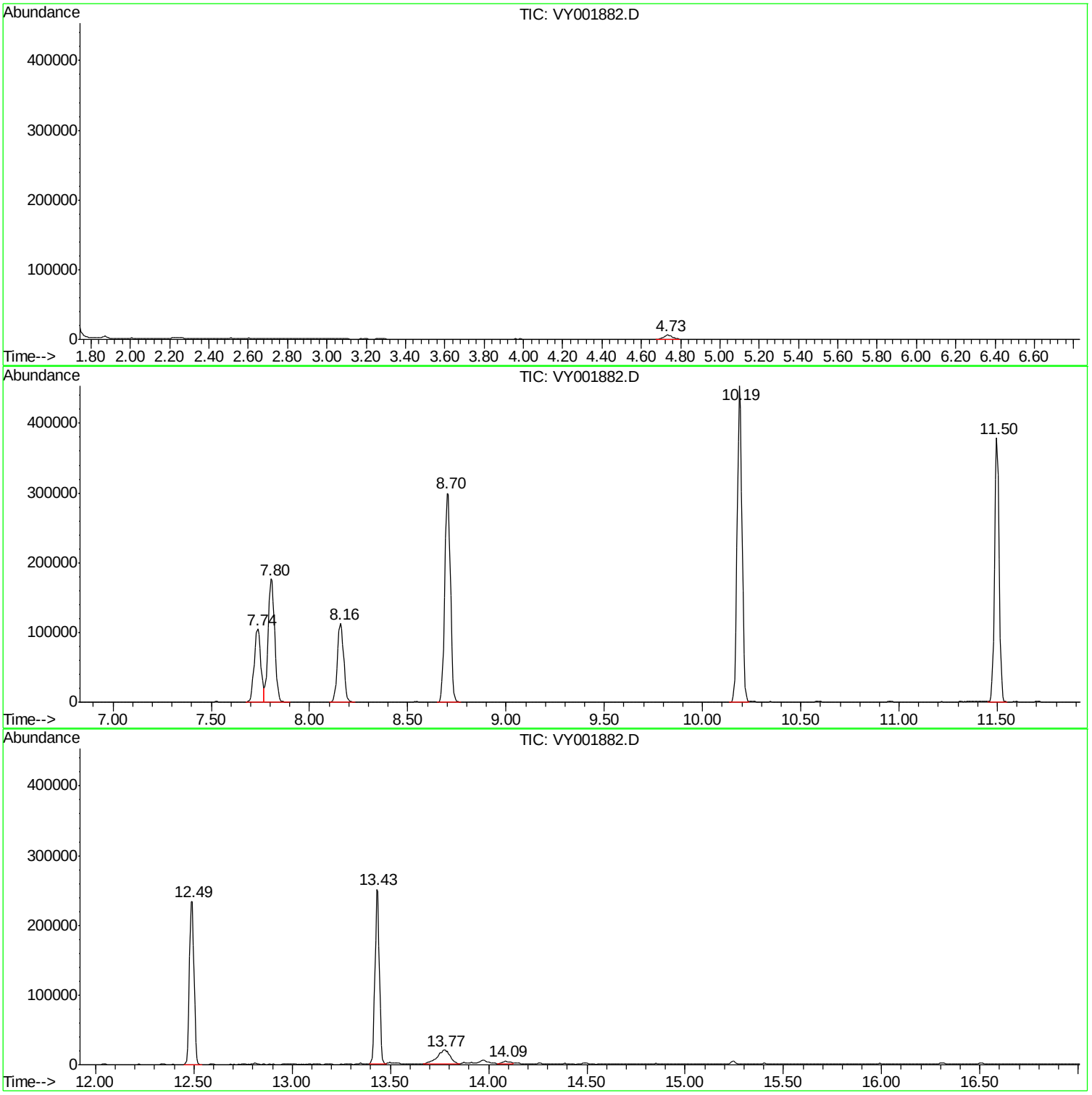
Sum of corrected areas: 3780787

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030520\
Data File : VY001882.D
Acq On : 05 Mar 2020 15:20
Operator : SY/MD
Sample : L1778-26
Misc : 6.47G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
S8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.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_Y\DATA\VY030520\
Data File : VY001882.D
Acq On : 05 Mar 2020 15:20
Operator : SY/MD
Sample : L1778-26
Misc : 6.47G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** S8

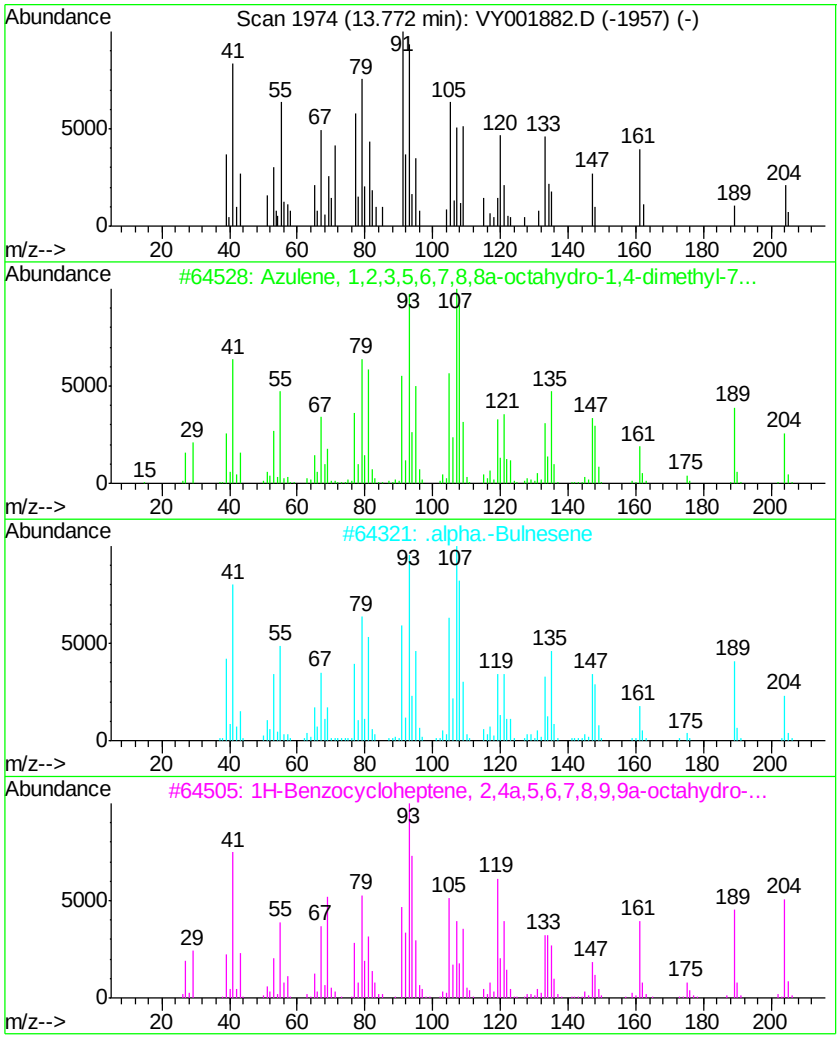
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

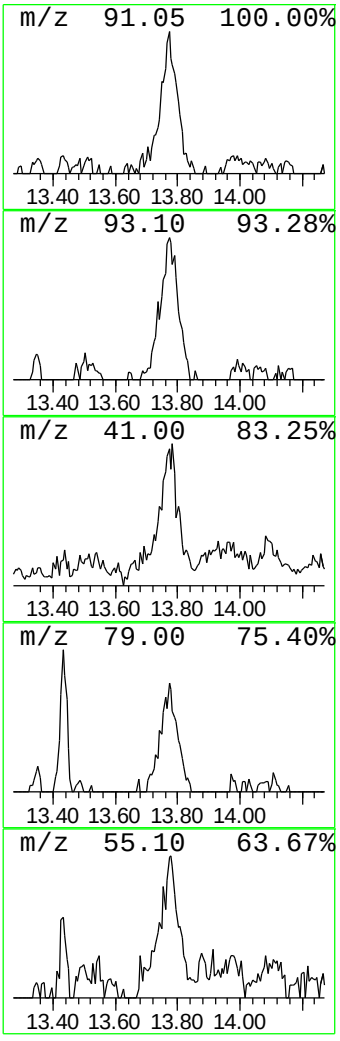
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Azulene, 1,2,3,5,6,7,8,8a-o... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.77 | 10.69 ug/l | 85616 | 1,4-Dichlorobenzene-d4 | 13.44 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Azulene, 1,2,3,5,6,7,8,8a-octahy... | 204 | C15H24 | 003691-11-0 | 78 |
| 2 | .alpha.-Bulnesene | 204 | C15H24 | 1000374-19-9 | 78 |
| 3 | 1H-Benzocycloheptene, 2,4a,5,6,7... | 204 | C15H24 | 003853-83-6 | 60 |
| 4 | Bicyclo[7.2.0]undec-4-ene, 4,11,... | 204 | C15H24 | 000118-65-0 | 58 |
| 5 | Alloaromadendrene | 204 | C15H24 | 025246-27-9 | 52 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030520\
Data File : VY001882.D
Acq On : 05 Mar 2020 15:20
Operator : SY/MD
Sample : L1778-26
Misc : 6.47G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** S8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.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 |
| Azulene, 1,2,3,5,... | 13.77 | 10.7 | ug/l | 85616 | 4 | 13.44 | 400499 | 50.0 |