LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
Data File : VY016740.D
Acq On : 21 Dec 2023 05:10
Operator : SY/MD
Sample : 05876-09
Misc : 4.72g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0LX3

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\82Y122023S.M
Title : SW846 8260

Signal : TIC: VY016740.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.753	471	481	492	rVB4	8376	26233	7.43%	1.421%
2	5.777	639	649	660	rBV3	5063	16102	4.56%	0.872%
3	7.021	842	853	859	rBV2	4509	15951	4.52%	0.864%
4	7.740	962	971	978	rBV	31026	76764	21.74%	4.160%
5	7.813	978	983	992	rVB	29407	63688	18.04%	3.451%
6	8.167	1029	1041	1054	rBV3	26190	63311	17.93%	3.431%
7	8.716	1122	1131	1140	rBV	69314	136351	38.62%	7.388%
8	10.203	1368	1375	1383	rBV	119470	206927	58.62%	11.212%
9	10.599	1434	1440	1449	rVB2	16443	28273	8.01%	1.532%
10	10.971	1496	1501	1513	rBV3	3960	8129	2.30%	0.440%
11	11.514	1581	1590	1604	rVB	120056	198926	56.35%	10.779%
12	12.355	1721	1728	1740	rVB	85741	143282	40.59%	7.764%
13	12.502	1745	1752	1758	rBV2	91581	152672	43.25%	8.273%
14	12.563	1758	1762	1766	rVV2	23611	40382	11.44%	2.188%
15	12.605	1766	1769	1776	rVB3	12175	19350	5.48%	1.048%
16	12.849	1802	1809	1813	rBV	31780	47930	13.58%	2.597%
17	12.916	1813	1820	1832	rVB	210251	353023	100.00%	19.129%
18	13.166	1854	1861	1873	rVB2	30370	51325	14.54%	2.781%
19	13.361	1888	1893	1895	rBV2	9334	14914	4.22%	0.808%
20	13.386	1895	1897	1901	rVV	12152	16693	4.73%	0.905%
21	13.446	1901	1907	1916	rVB	102061	161657	45.79%	8.760%
22	13.983	1989	1995	1999	rBV2	2180	3620	1.03%	0.196%

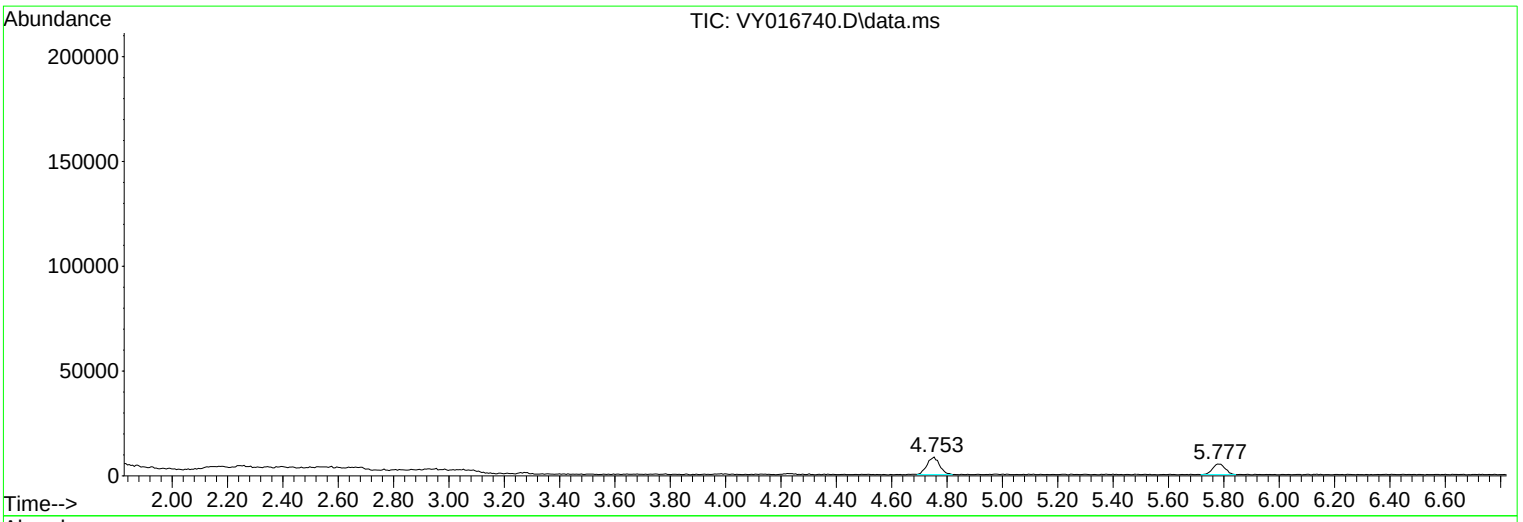
Sum of corrected areas: 1845503

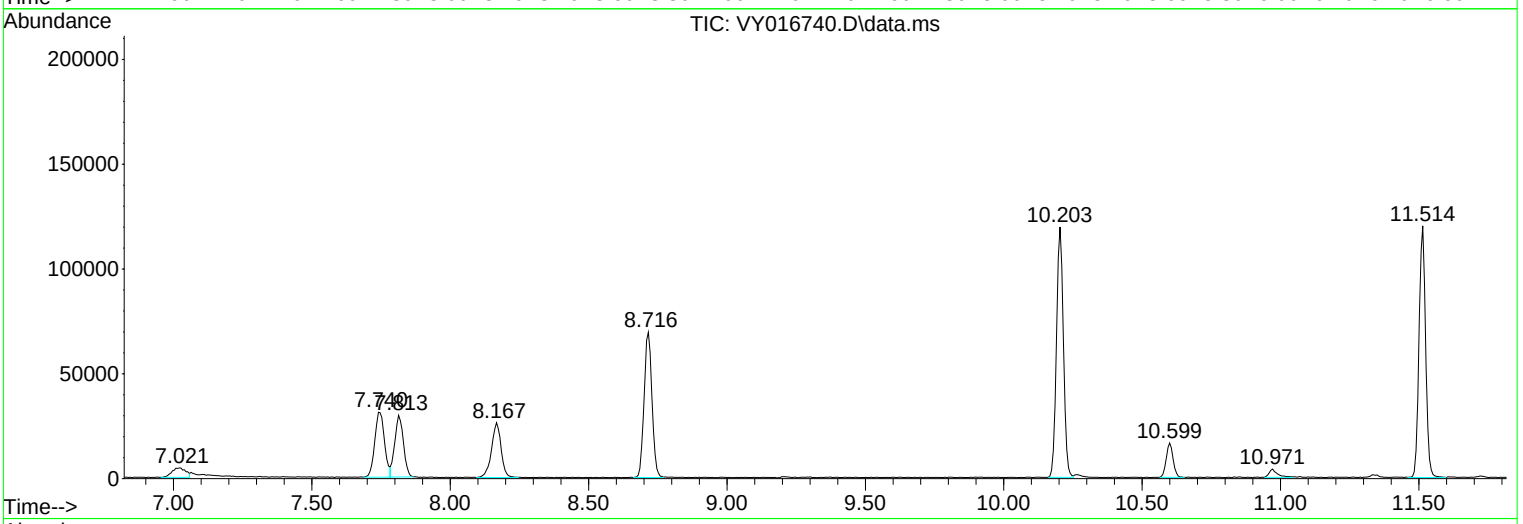
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
Data File : VY016740.D
Acq On : 21 Dec 2023 05:10
Operator : SY/MD
Sample : 05876-09
Misc : 4.72g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

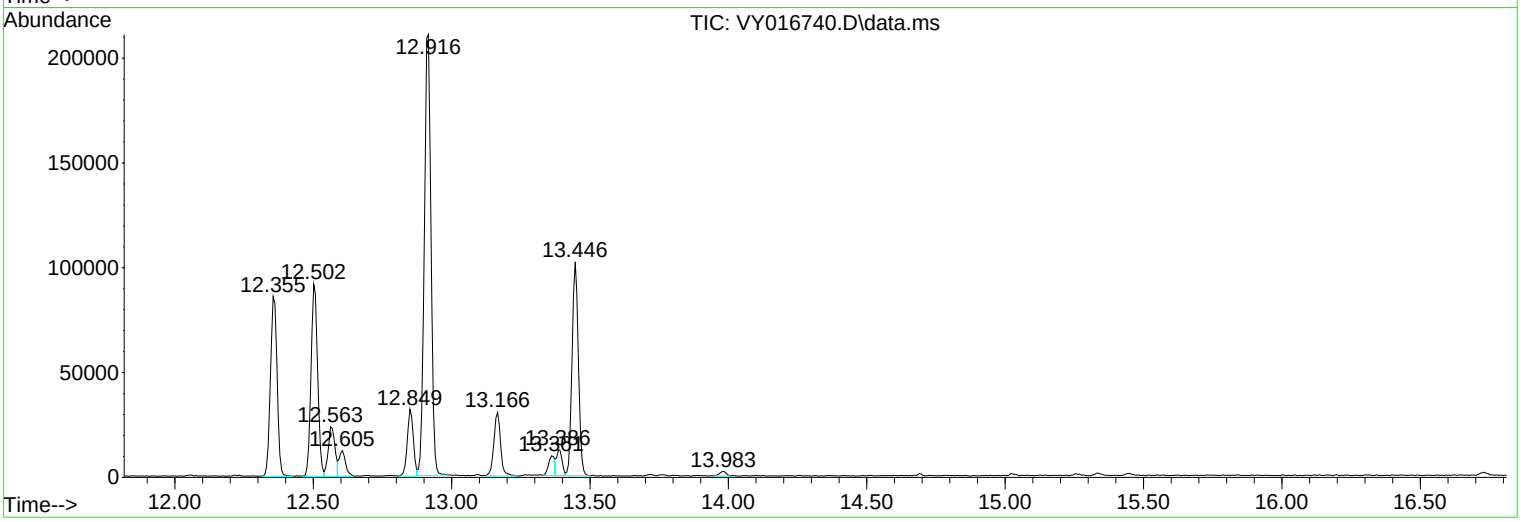
Instrument :
MSVOA_Y
ClientSampleId :
C0LX3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
Data File : VY016740.D
Acq On : 21 Dec 2023 05:10
Operator : SY/MD
Sample : 05876-09
Misc : 4.72g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0LX3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260

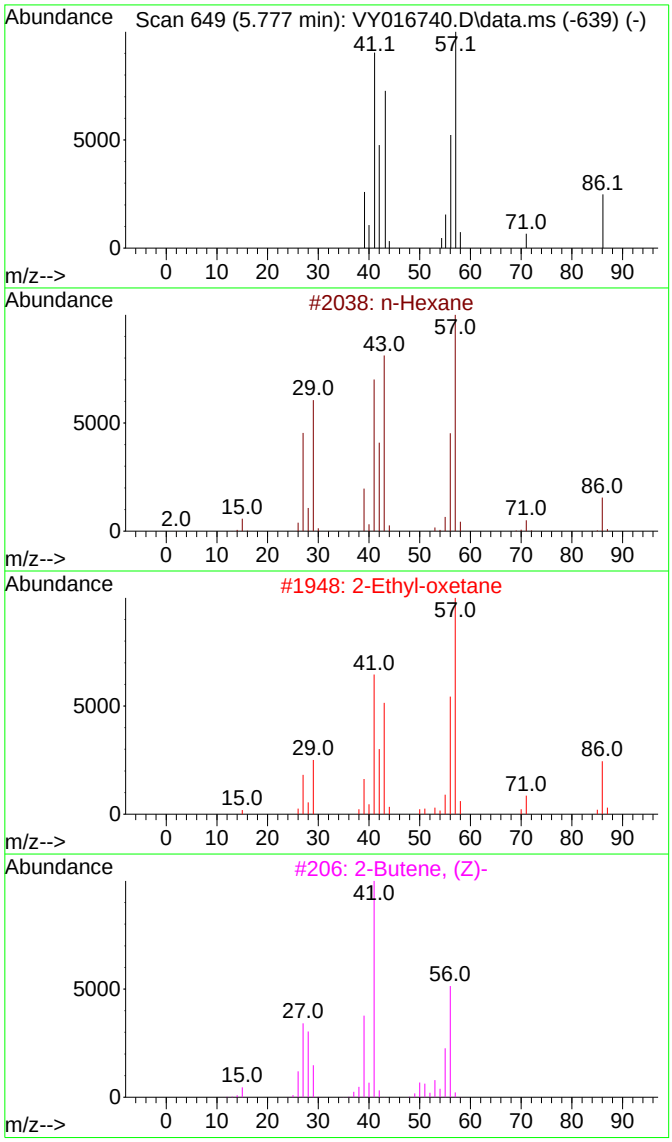
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

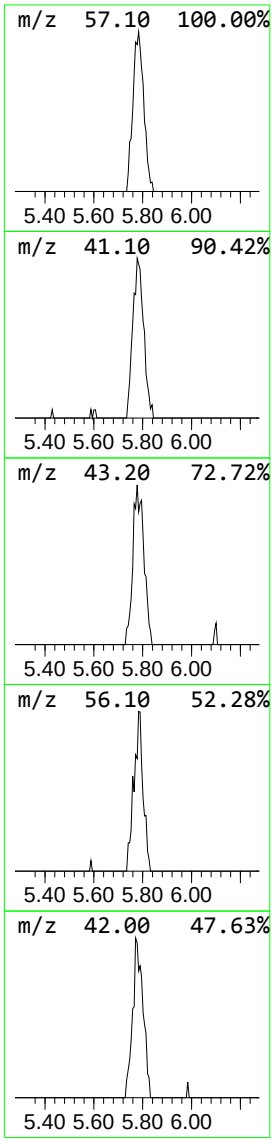
****

Peak Number 1 n-Hexane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.777	12.64 ug/l	16102	Pentafluorobenzene	7.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	78
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	72
3	2-Butene, (Z)-	56	C4H8	000590-18-1	25
4	Cyclobutane	56	C4H8	000287-23-0	9
5	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
Data File : VY016740.D
Acq On : 21 Dec 2023 05:10
Operator : SY/MD
Sample : 05876-09
Misc : 4.72g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0LX3

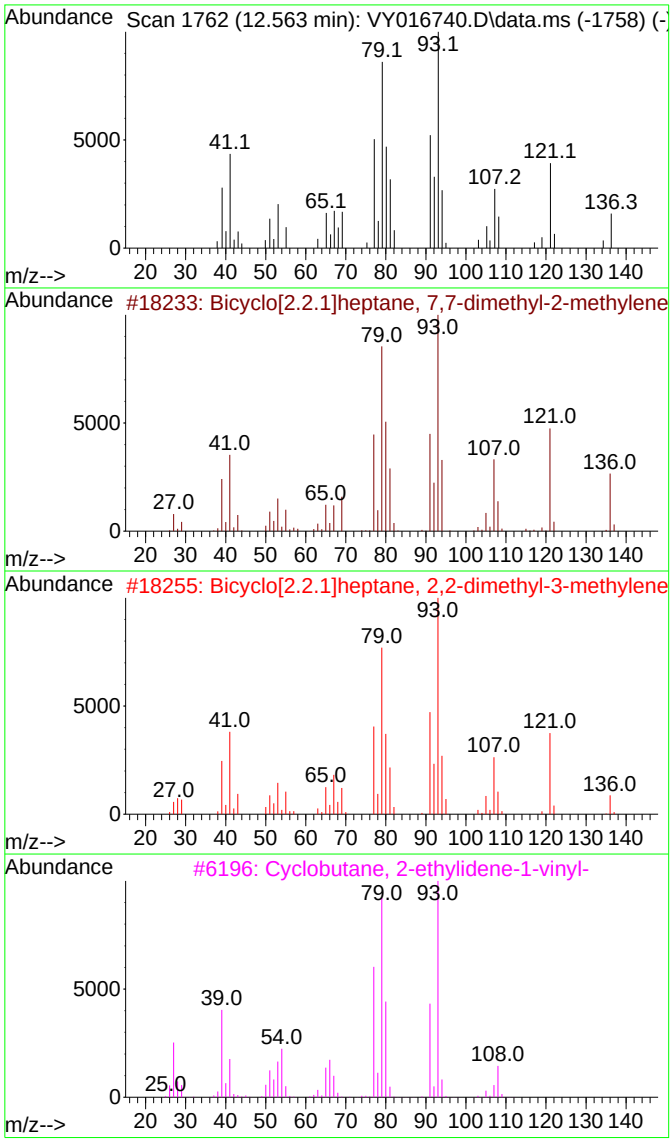
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260

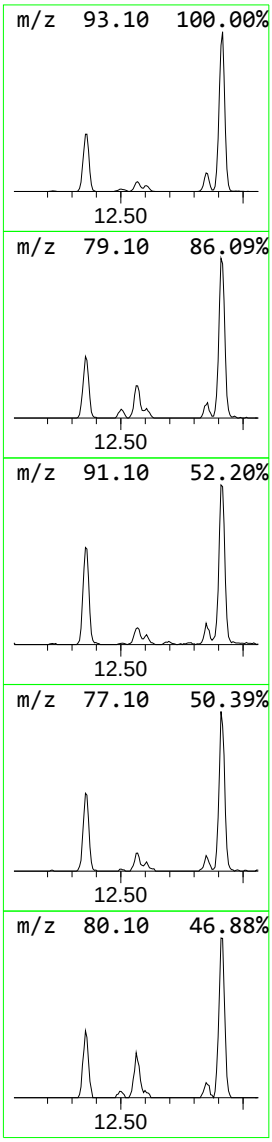
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Bicyclo[2.2.1]heptane, 7,7-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	12.49 ug/l	40382	1,4-Dichlorobenzene-d4	13.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	95
2	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	95
3	Cyclobutane, 2-ethylidene-1-vinyl-	108	C8H12	1000150-32-4	64
4	1-Methylene-2-vinylcyclopentane	108	C8H12	006196-78-7	58
5	1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
Data File : VY016740.D
Acq On : 21 Dec 2023 05:10
Operator : SY/MD
Sample : 05876-09
Misc : 4.72g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0LX3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260

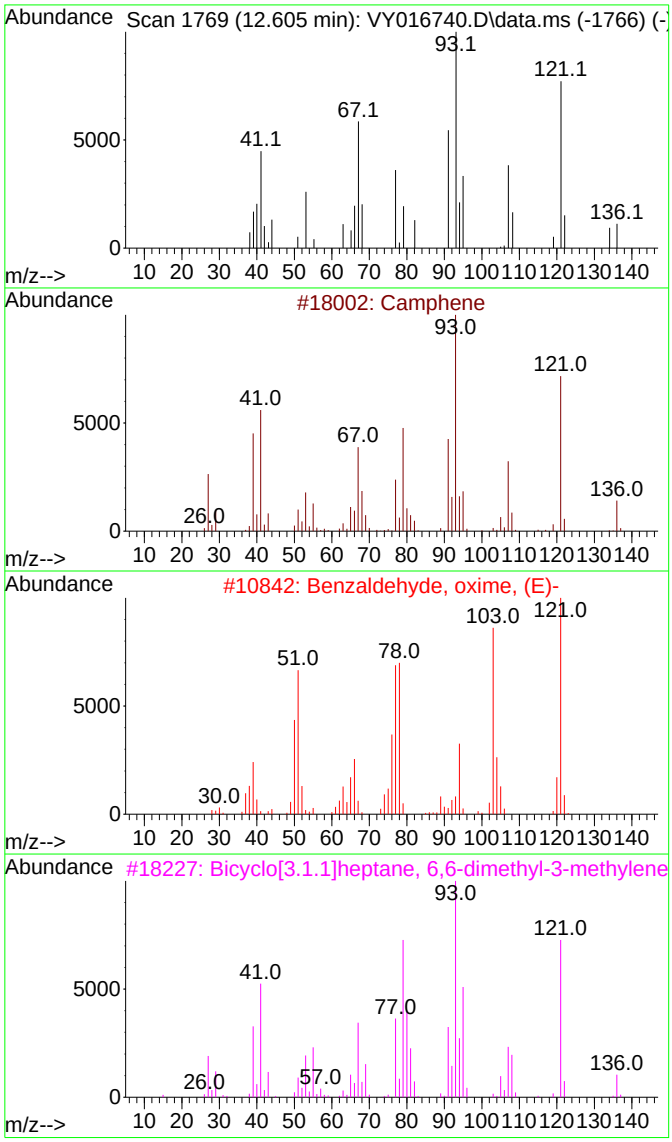
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

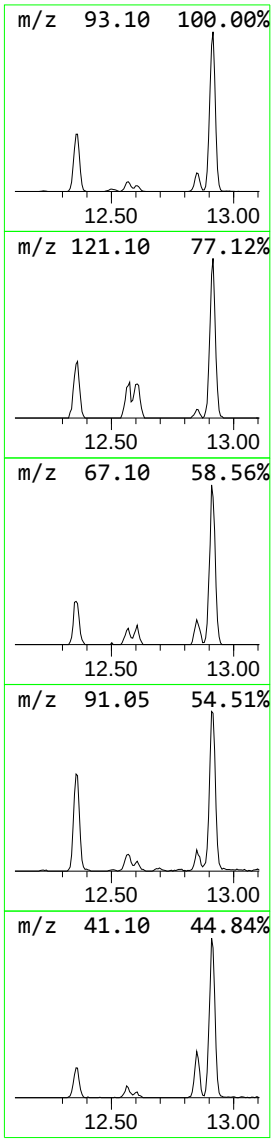
****

Peak Number 5 Camphene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.605	5.98 ug/l	19350	1,4-Dichlorobenzene-d4	13.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	50
2	Benzaldehyde, oxime, (E)-	121	C7H7NO	000622-31-1	35
3	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	016022-04-1	32
4	1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	27
5	Santolina triene	136	C10H16	002153-66-4	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
Data File : VY016740.D
Acq On : 21 Dec 2023 05:10
Operator : SY/MD
Sample : 05876-09
Misc : 4.72g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0LX3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260

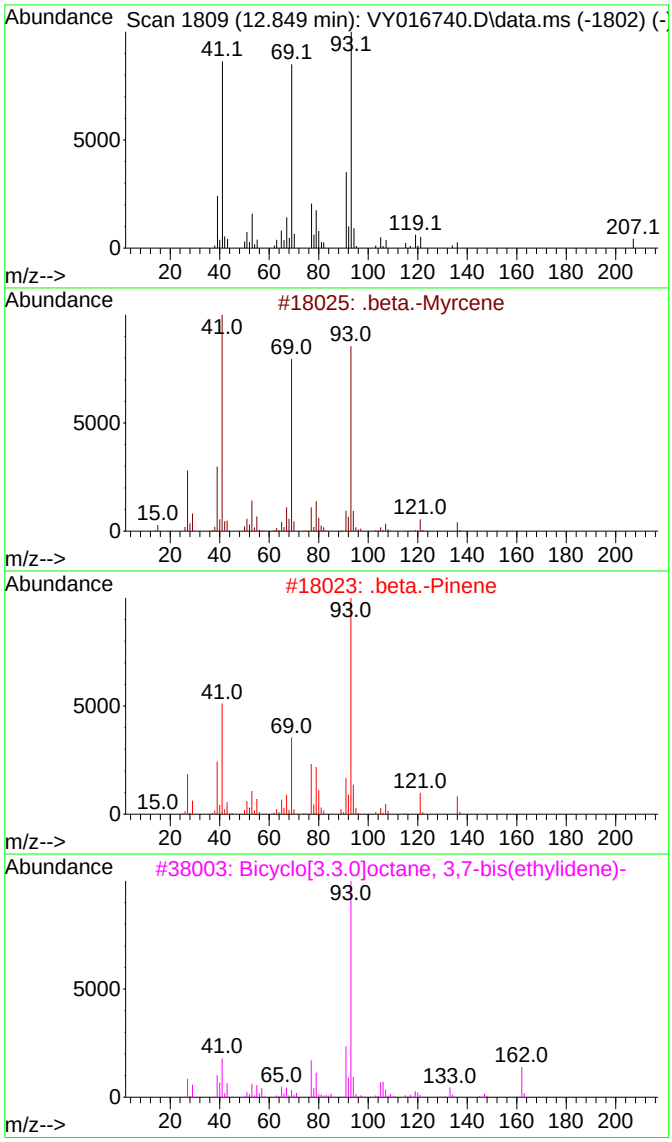
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

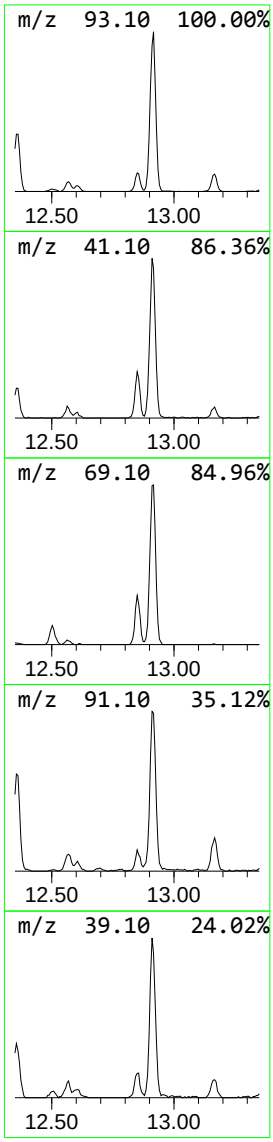
****

Peak Number 6 .beta.-Myrcene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.849	14.82 ug/l	47930	1,4-Dichlorobenzene-d4	13.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Myrcene	136	C10H16	000123-35-3	90
2	.beta.-Pinene	136	C10H16	000127-91-3	49
3	Bicyclo[3.3.0]octane, 3,7-bis(et...	162	C12H18	1000163-34-4	43
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	43
5	Pyridine, 2-propyl-	121	C8H11N	000622-39-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
Data File : VY016740.D
Acq On : 21 Dec 2023 05:10
Operator : SY/MD
Sample : 05876-09
Misc : 4.72g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0LX3

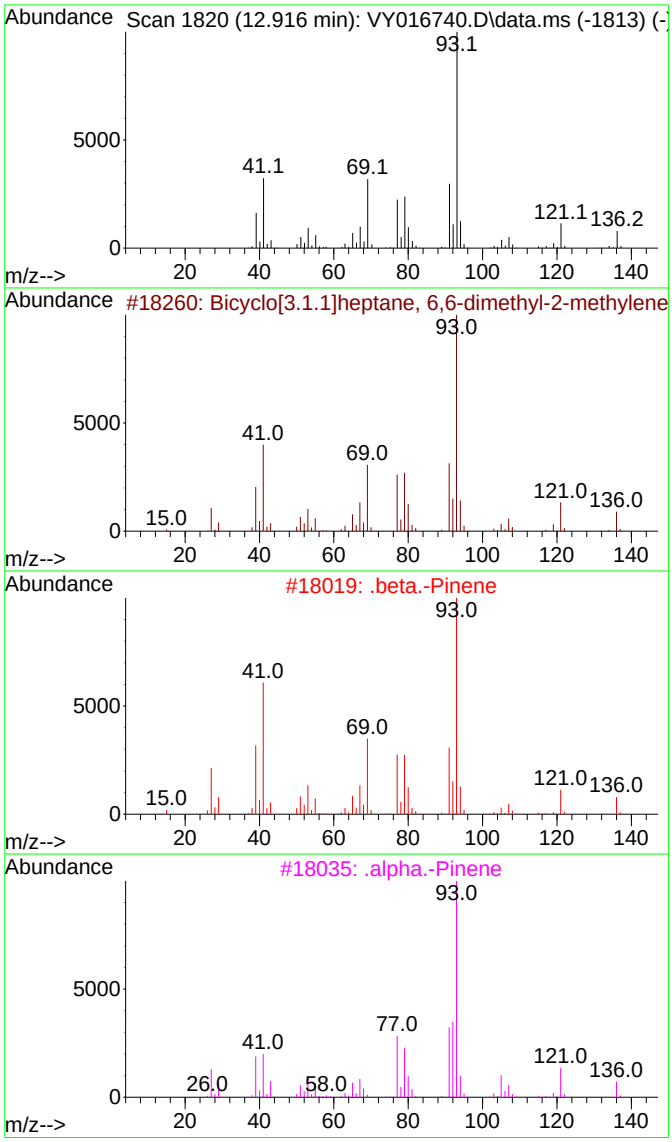
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260

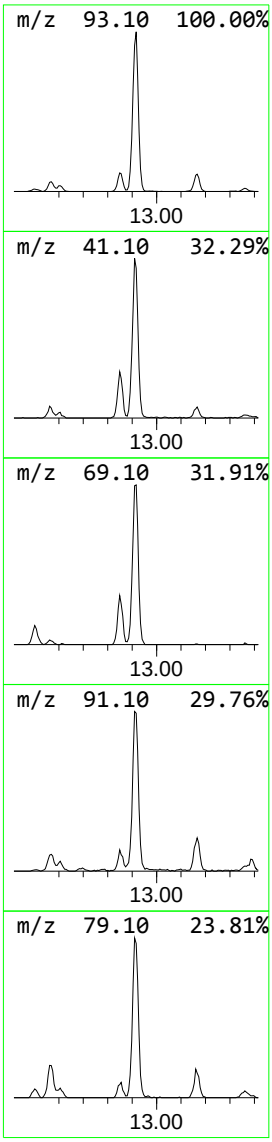
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.916	109.19 ug/l	353023	1,4-Dichlorobenzene-d4	13.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96
2	.beta.-Pinene	136	C10H16	000127-91-3	96
3	.alpha.-Pinene	136	C10H16	000080-56-8	91
4	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
5	.beta.-Myrcene	136	C10H16	000123-35-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
Data File : VY016740.D
Acq On : 21 Dec 2023 05:10
Operator : SY/MD
Sample : 05876-09
Misc : 4.72g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0LX3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260

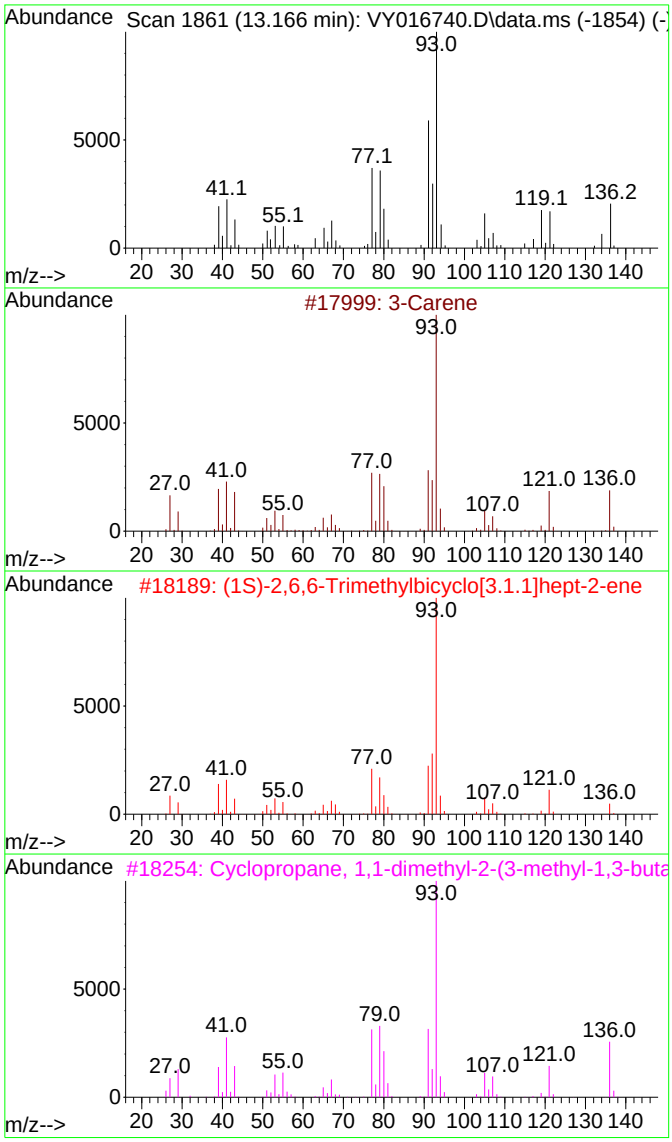
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

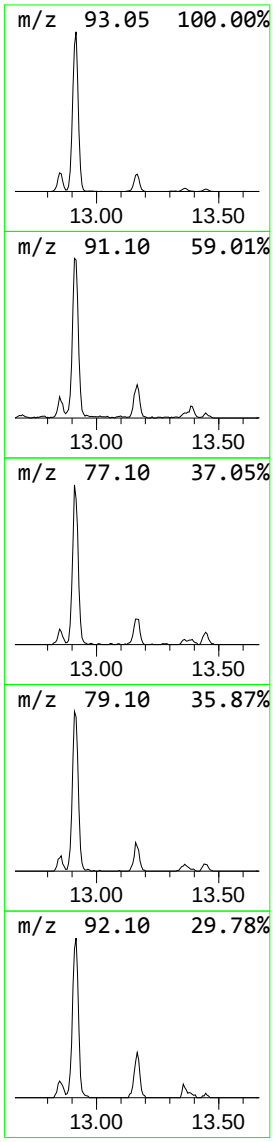
****

Peak Number 8 3-Carene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.166	15.87 ug/l	51325	1,4-Dichlorobenzene-d4	13.447

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Carene	136	C10H16	013466-78-9	90
2	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	90
3	Cyclopropane, 1,1-dimethyl-2-(3-...	136	C10H16	068998-21-0	90
4	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	90
5	4-Carene, (1S,3R,6R)-(-)-	136	C10H16	005208-49-1	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
Data File : VY016740.D
Acq On : 21 Dec 2023 05:10
Operator : SY/MD
Sample : 05876-09
Misc : 4.72g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0LX3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.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
n-Hexane	5.777	12.6	ug/l	16102	1	7.813	63688	50.0
Bicyclo[2.2.1]h...	12.563	12.5	ug/l	40382	4	13.447	161657	50.0
Camphene	12.605	6.0	ug/l	19350	4	13.447	161657	50.0
.beta.-Myrcene	12.849	14.8	ug/l	47930	4	13.447	161657	50.0
Bicyclo[3.1.1]h...	12.916	109.2	ug/l	353023	4	13.447	161657	50.0
3-Carene	13.166	15.9	ug/l	51325	4	13.447	161657	50.0