

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013971.D
 Acq On : 01 Jun 2023 18:02
 Operator : KP/MD
 Sample : 02983-06RE
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB24B

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\82Y060123S.M
 Title : SW846 8260

Signal : TIC: VY013971.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.217	60	65	69	rBV4	2071	4050	1.05%	0.181%
2	2.381	86	92	99	rVB2	11914	22761	5.88%	1.016%
3	2.680	140	141	148	rVB	2387	3897	1.01%	0.174%
4	3.942	337	348	359	rBV2	17213	49468	12.78%	2.209%
5	4.192	383	389	395	rBV4	3158	7808	2.02%	0.349%
6	4.704	465	473	482	rBV3	4715	14339	3.70%	0.640%
7	5.741	635	643	654	rVB5	4062	13476	3.48%	0.602%
8	6.966	834	844	856	rBV2	15194	50391	13.01%	2.250%
9	7.710	956	966	972	rBV2	54351	128950	33.30%	5.757%
10	7.783	972	978	992	rVB	110422	249186	64.36%	11.126%
11	8.137	1027	1036	1044	rBV	47015	107699	27.82%	4.809%
12	8.685	1118	1126	1138	rBV	146804	293572	75.82%	13.107%
13	10.173	1363	1370	1379	rBV	218236	387181	100.00%	17.287%
14	10.575	1429	1436	1443	rBV2	8985	15313	3.95%	0.684%
15	10.941	1490	1496	1505	rVB2	7497	13378	3.46%	0.597%
16	11.313	1553	1557	1563	rVB2	2700	4272	1.10%	0.191%
17	11.490	1578	1586	1597	rBV	183341	312312	80.66%	13.944%
18	12.331	1717	1724	1731	rBV2	21054	35689	9.22%	1.593%
19	12.477	1740	1748	1757	rBV2	133099	222206	57.39%	9.921%
20	12.886	1809	1815	1822	rVB2	23238	38276	9.89%	1.709%
21	13.422	1896	1903	1910	rVV	160404	248246	64.12%	11.084%
22	13.965	1985	1992	2000	rBV4	4897	9360	2.42%	0.418%
23	15.318	2206	2214	2218	rBV5	4227	7901	2.04%	0.353%

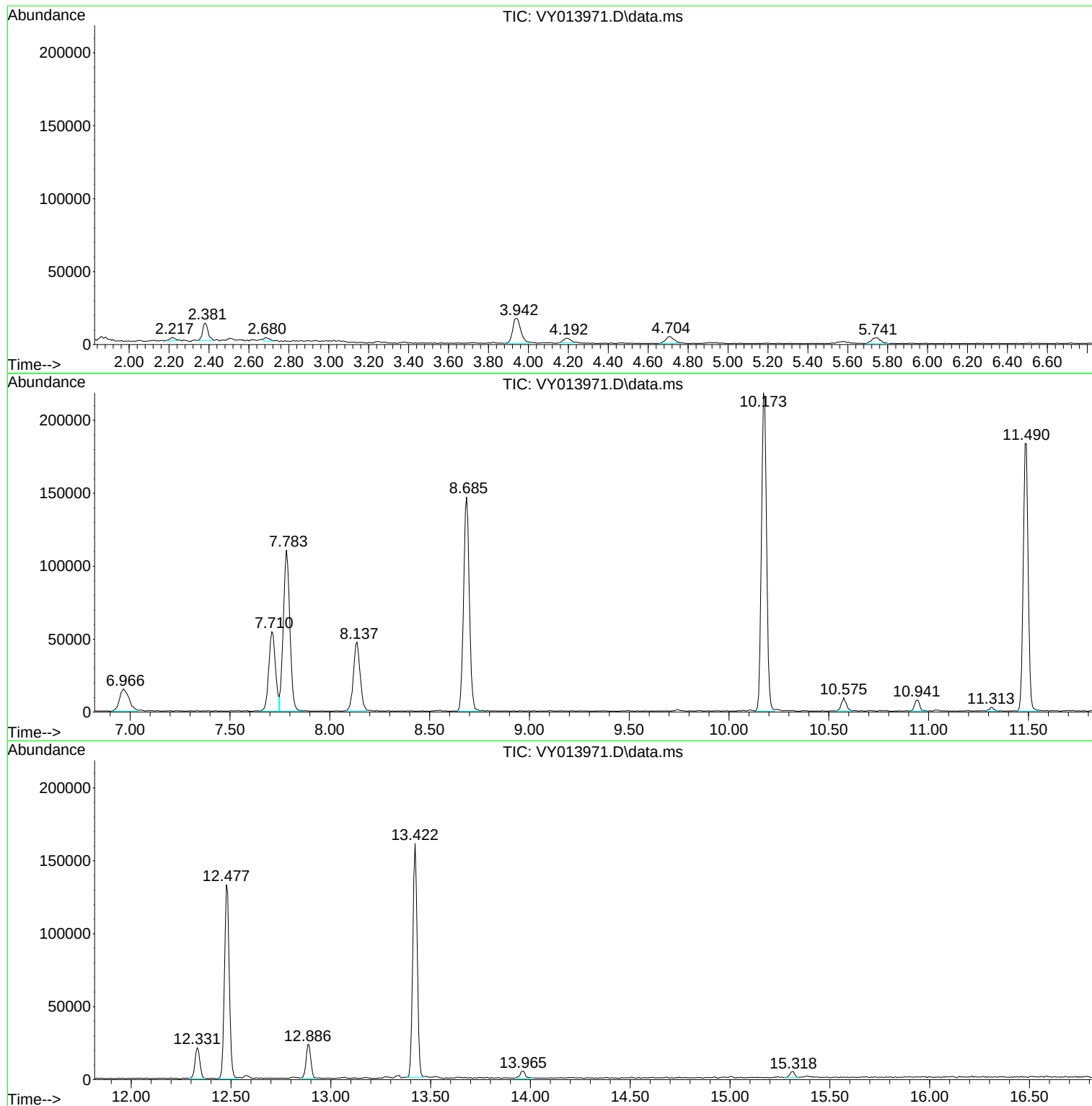
Sum of corrected areas: 2239731

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260

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



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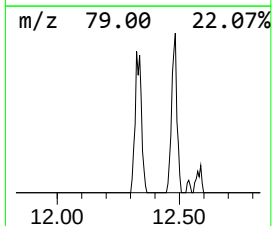
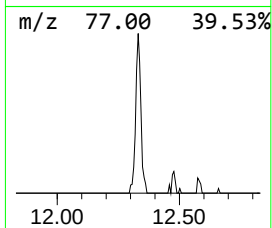
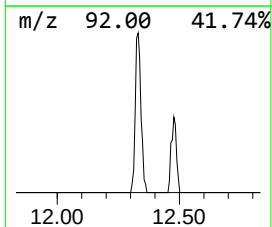
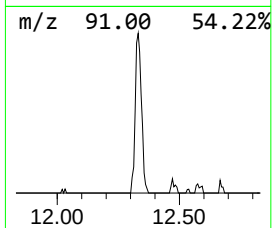
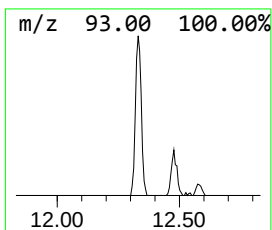
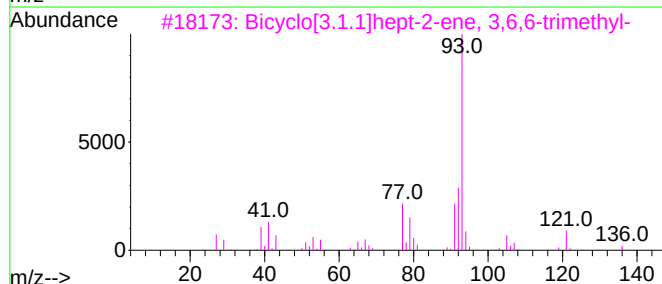
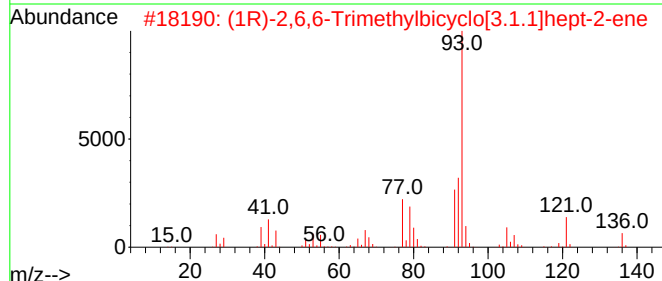
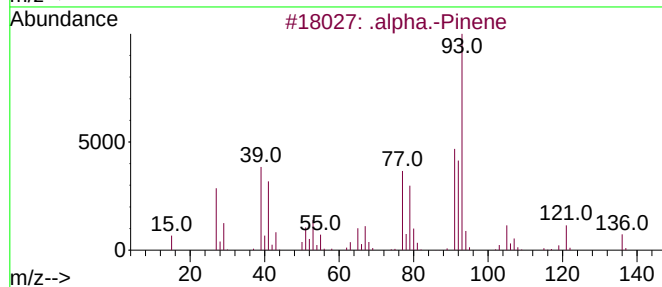
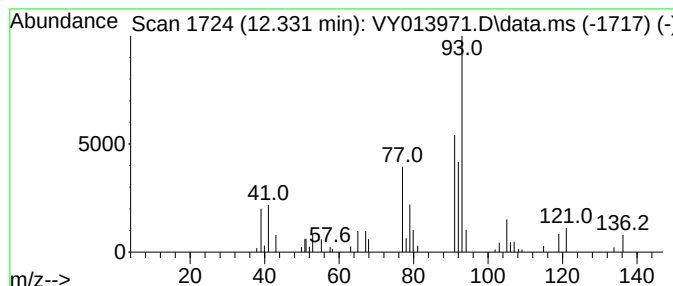
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260

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

Peak Number 2 .alpha.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.331	5.71 ug/l	35689	Chlorobenzene-d5	11.490

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Pinene	136	C10H16	000080-56-8	91
2		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	87
3		Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	86
4		Bicyclo[3.1.0]hex-2-ene, 4-methyl-	136	C10H16	028634-89-1	80
5		Bicyclo[3.1.0]hex-2-ene, 2-methyl-	136	C10H16	002867-05-2	80



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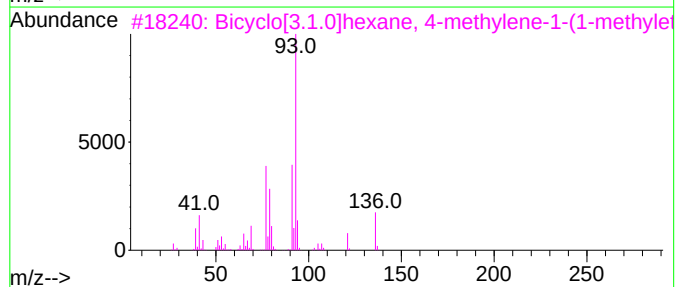
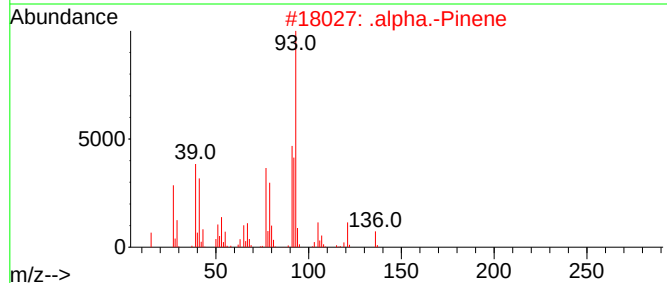
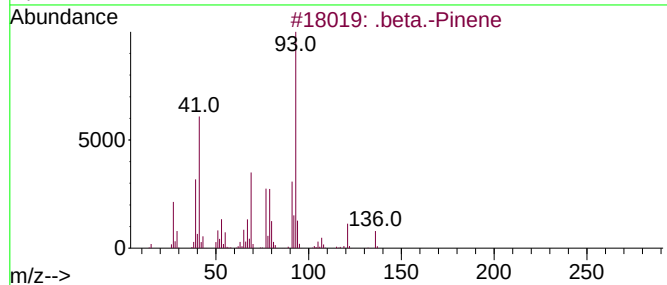
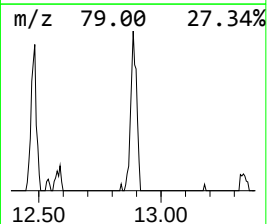
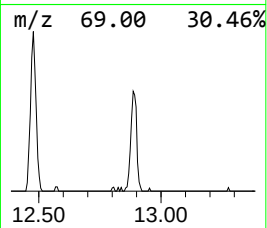
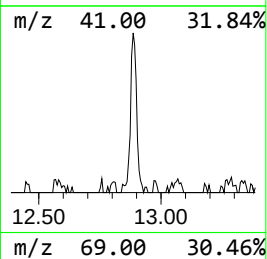
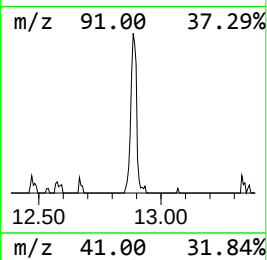
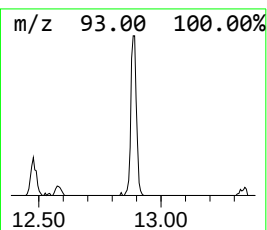
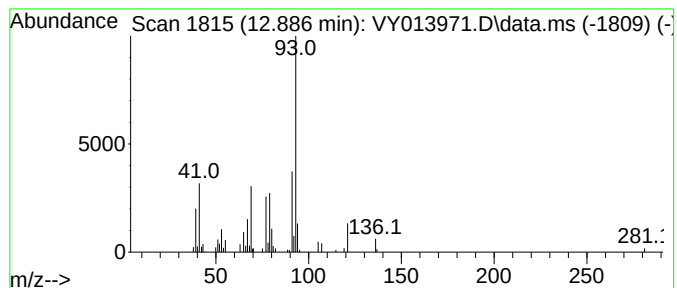
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Peak Number 3 .beta.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	7.71 ug/l	38276	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.beta.-Pinene	136	C10H16	000127-91-3	91
2			.alpha.-Pinene	136	C10H16	000080-56-8	91
3			Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	91
4			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	90
5			Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	86



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.331	5.7	ug/l	35689	3	11.490	312312	50.0
.beta.-Pinene	12.886	7.7	ug/l	38276	4	13.422	248246	50.0