

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101619\
 Data File : VY000331.D
 Acq On : 16 Oct 2019 15:51
 Operator : SY/MD
 Sample : K5394-10
 Misc : 8.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T-15-E1-(20)

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.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	480	491	500	rBV2	14036	44589	3.22%	0.564%
2	7.730	974	983	989	rBV	155988	382716	27.63%	4.845%
3	7.803	989	995	1005	rVB	346005	776271	56.05%	9.827%
4	8.151	1042	1052	1063	rBV	178646	404018	29.17%	5.115%
5	8.699	1133	1142	1154	rVB	523223	1014269	73.23%	12.840%
6	10.187	1377	1386	1394	rBV	767039	1385058	100.00%	17.534%
7	11.290	1564	1567	1576	rVB8	7516	15878	1.15%	0.201%
8	11.492	1592	1600	1612	rBV	695622	1129726	81.57%	14.302%
9	11.705	1626	1635	1639	rBV4	13427	34428	2.49%	0.436%
10	12.028	1685	1688	1694	rVB4	11465	21450	1.55%	0.272%
11	12.333	1732	1738	1745	rBV	99281	169601	12.25%	2.147%
12	12.485	1754	1763	1769	rBV	519066	833515	60.18%	10.552%
13	12.583	1775	1779	1785	rVB4	19752	32832	2.37%	0.416%
14	12.729	1797	1803	1808	rBV4	8775	17759	1.28%	0.225%
15	12.808	1811	1816	1822	rVV3	33509	59054	4.26%	0.748%
16	12.888	1824	1829	1836	rVV6	9327	20003	1.44%	0.253%
17	13.119	1862	1867	1872	rVV2	12881	21095	1.52%	0.267%
18	13.186	1872	1878	1882	rVB2	8709	15157	1.09%	0.192%
19	13.339	1891	1903	1906	rBV8	19646	49812	3.60%	0.631%
20	13.424	1911	1917	1932	rVB	649271	1020855	73.70%	12.924%
21	13.662	1952	1956	1960	rBV3	14271	19183	1.38%	0.243%
22	13.747	1965	1970	1975	rVB4	14630	23195	1.67%	0.294%
23	13.973	2002	2007	2013	rVB3	20781	35747	2.58%	0.453%
24	14.083	2019	2025	2030	rBV4	12856	21588	1.56%	0.273%
25	14.314	2056	2063	2064	rBV5	8163	17710	1.28%	0.224%
26	14.339	2064	2067	2071	rVB2	18350	24510	1.77%	0.310%
27	14.424	2077	2081	2085	rVB6	9934	15525	1.12%	0.197%
28	14.613	2108	2112	2116	rVB5	13127	16924	1.22%	0.214%
29	14.680	2117	2123	2129	rBV6	29526	61729	4.46%	0.781%
30	14.735	2129	2132	2138	rVB6	9188	15308	1.11%	0.194%
31	14.942	2161	2166	2170	rBV6	16210	31018	2.24%	0.393%
32	15.052	2180	2184	2189	rVB7	15792	26200	1.89%	0.332%
33	15.235	2208	2214	2219	rVB	19978	35819	2.59%	0.453%
34	15.351	2227	2233	2235	rBV7	8481	15928	1.15%	0.202%

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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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35	15.521	2257	2261	2269	rVV7	8477	19403	1.40%	0.246%
36	16.027	2339	2344	2351	rBV7	14078	33083	2.39%	0.419%
37	16.229	2374	2377	2382	rVB6	9363	15714	1.13%	0.199%
38	16.497	2415	2421	2427	rBV10	8868	22400	1.62%	0.284%

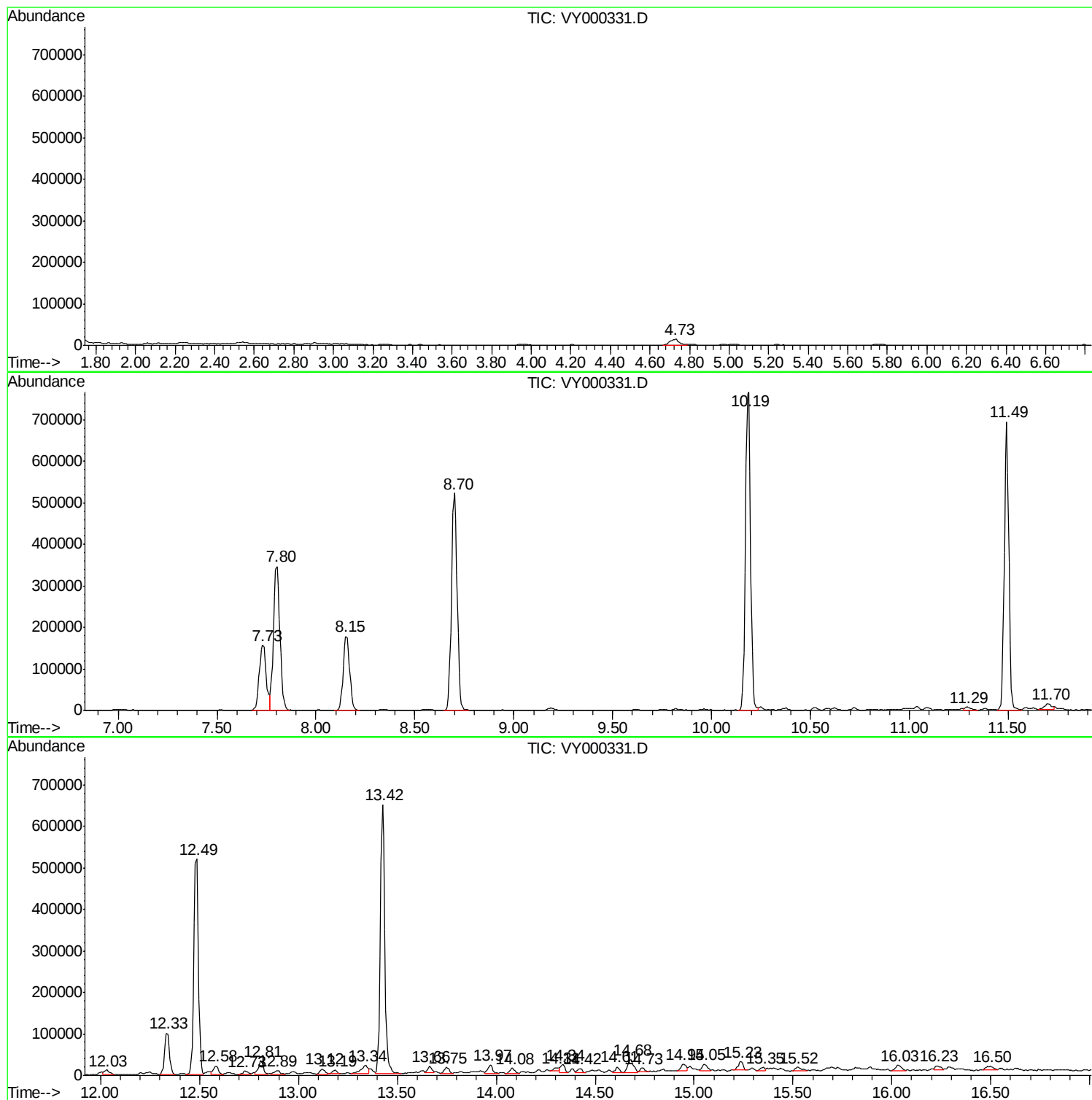
Sum of corrected areas: 7899070

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260

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



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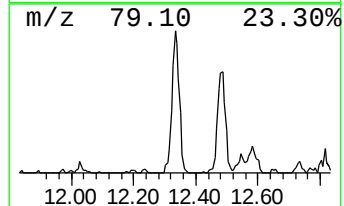
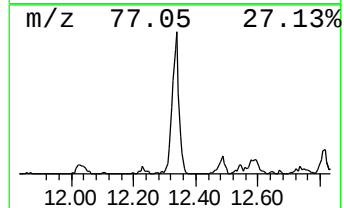
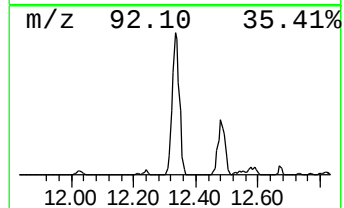
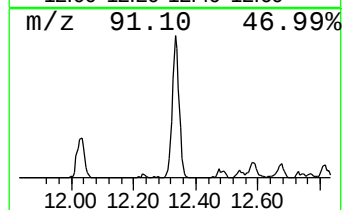
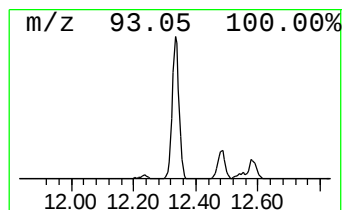
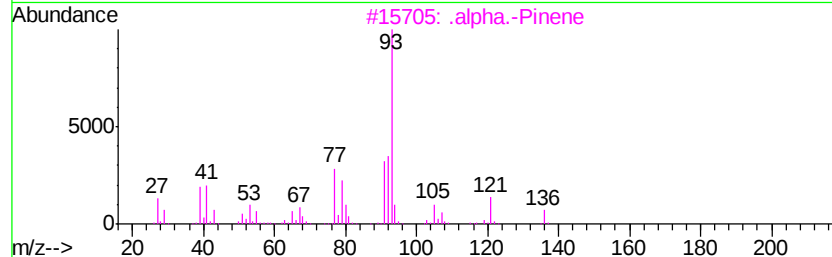
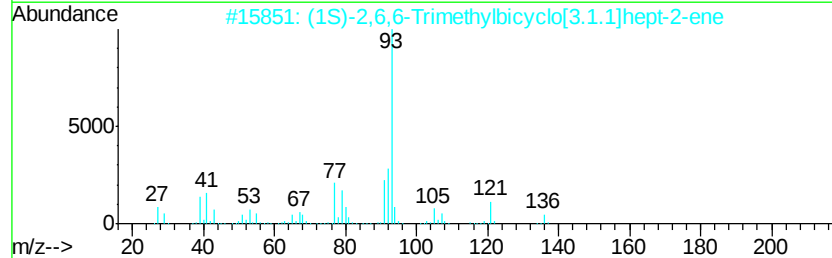
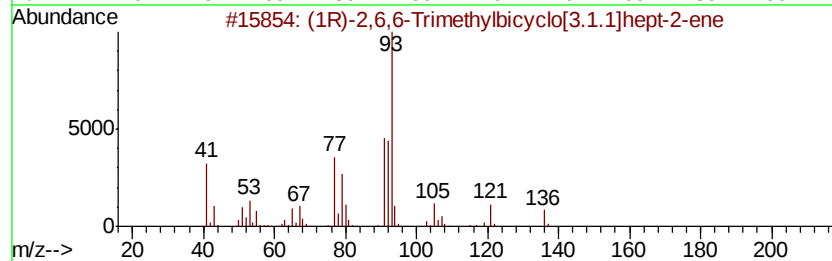
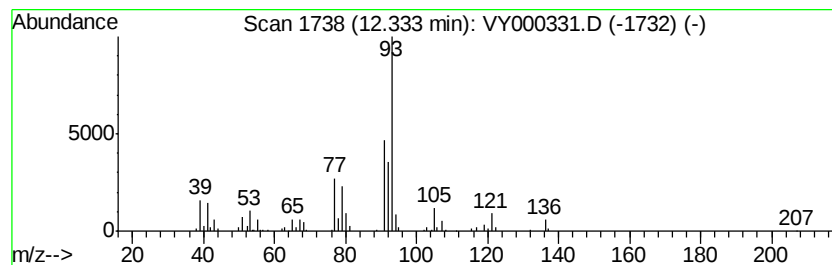
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Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.33	7.51 ug/l	169601	Chlorobenzene-d5	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	95
2	(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	94
3	.alpha.-Pinene	136	C10H16	000080-56-8	94
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	91
5	.beta.-Pinene	136	C10H16	000127-91-3	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	12.33	7.5	ug/l	169601	3	11.49	1129730	50.0