

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122719\
 Data File : VY001113.D
 Acq On : 27 Dec 2019 20:52
 Operator : SY/MD
 Sample : K6447-01
 Misc : 7.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR31-48

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\82Y122319S.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	4.724	477	490	507	rBV2	57974	179434	14.04%	2.424%
2	7.730	972	983	988	rBV	169660	394659	30.89%	5.331%
3	7.797	988	994	1011	rVB	288259	658325	51.52%	8.893%
4	8.151	1042	1052	1064	rVB2	168040	374373	29.30%	5.057%
5	8.693	1132	1141	1151	rBV	467933	928317	72.66%	12.540%
6	10.181	1377	1385	1392	rBV	750683	1277691	100.00%	17.260%
7	10.242	1392	1395	1407	rVB	9943	17379	1.36%	0.235%
8	11.485	1589	1599	1611	rBV	670583	1096639	85.83%	14.814%
9	12.040	1680	1690	1695	rBV3	8618	13588	1.06%	0.184%
10	12.333	1731	1738	1744	rBV	91042	144920	11.34%	1.958%
11	12.479	1755	1762	1770	rVB	510697	788278	61.70%	10.649%
12	12.583	1773	1779	1787	rVB6	8799	16087	1.26%	0.217%
13	12.802	1807	1815	1823	rVV3	33369	60962	4.77%	0.824%
14	12.888	1823	1829	1836	rVV2	24105	41276	3.23%	0.558%
15	13.113	1862	1866	1871	rBV3	12802	19944	1.56%	0.269%
16	13.333	1894	1902	1911	rBV2	125552	224842	17.60%	3.037%
17	13.418	1911	1916	1927	rVB	682327	1066181	83.45%	14.403%
18	13.961	2001	2005	2012	rVB5	7907	13660	1.07%	0.185%
19	14.674	2115	2122	2128	rBV7	5946	13765	1.08%	0.186%
20	15.229	2208	2213	2220	rVB	11057	18055	1.41%	0.244%
21	16.283	2380	2386	2393	rVB	17079	29147	2.28%	0.394%
22	16.478	2412	2418	2426	rBV4	11792	25150	1.97%	0.340%

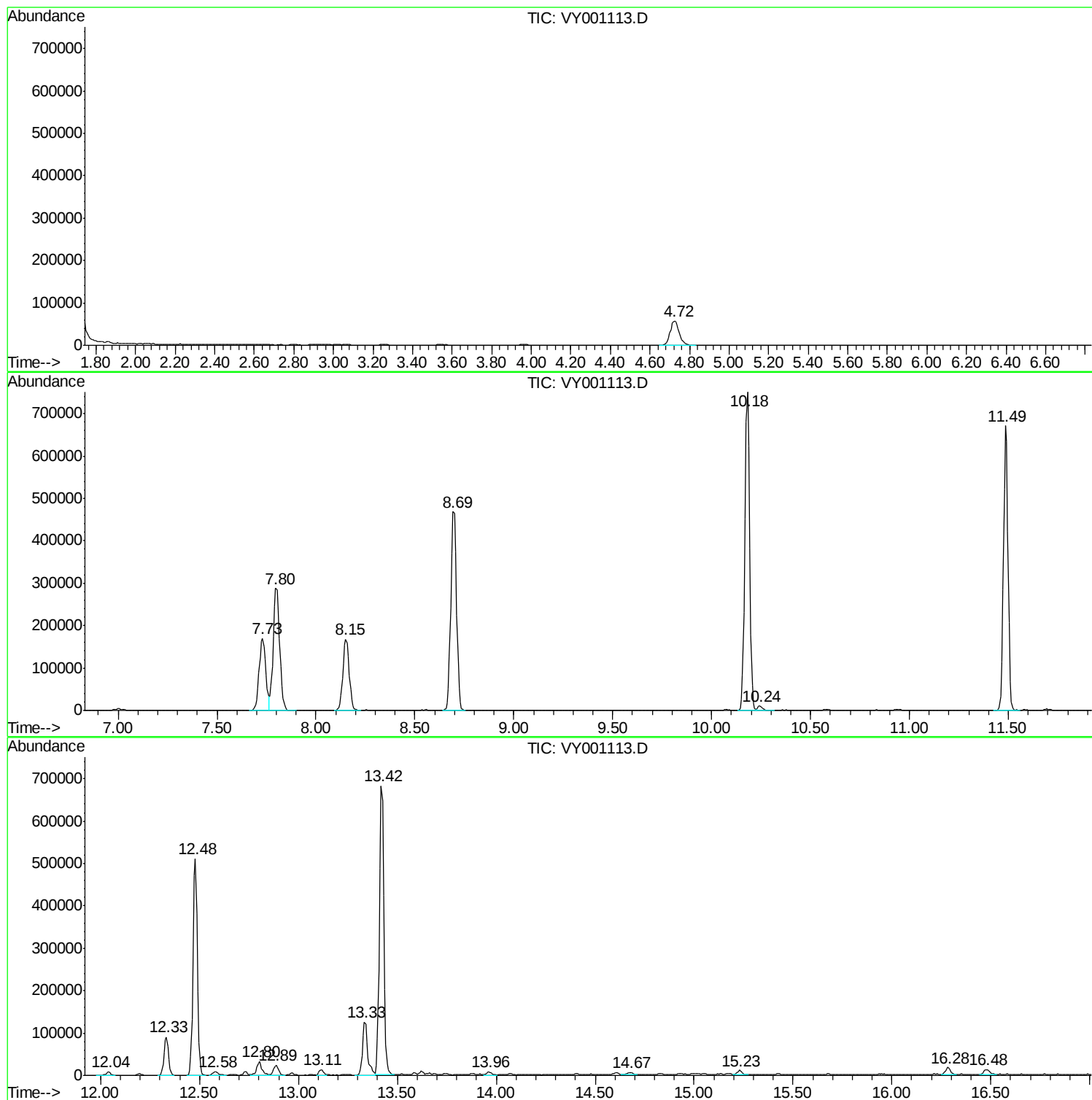
Sum of corrected areas: 7402672

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260

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



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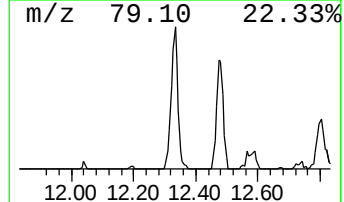
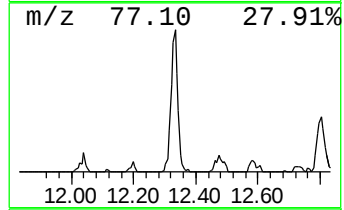
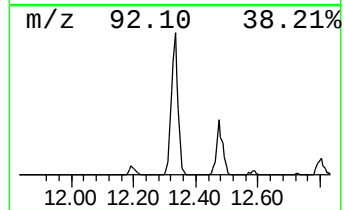
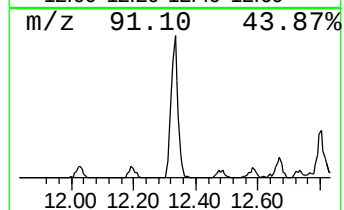
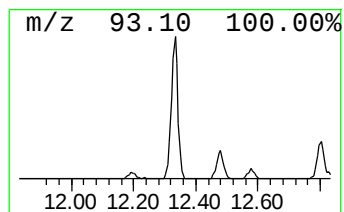
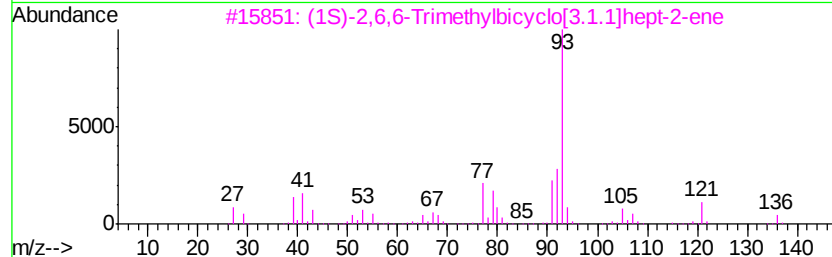
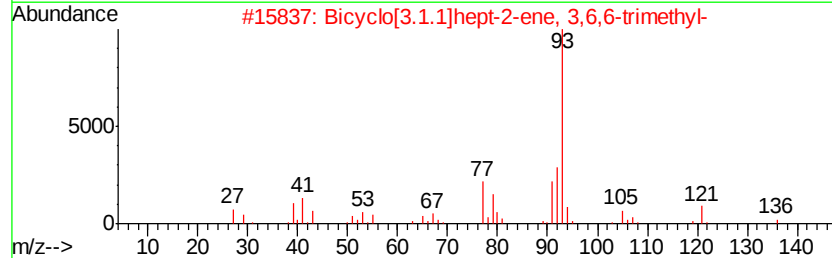
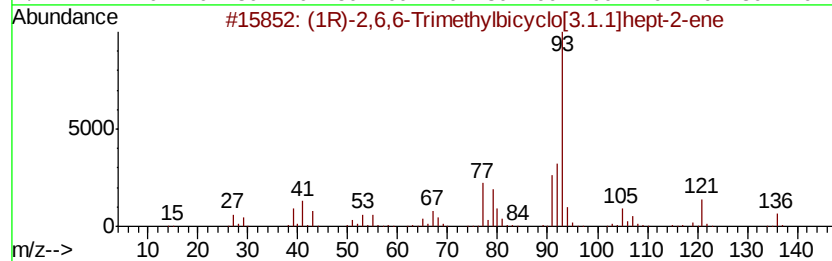
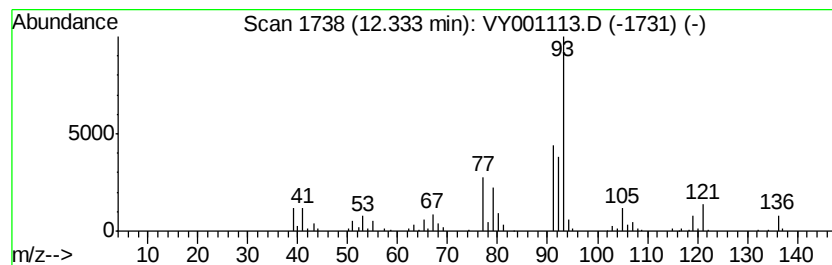
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	6.61 ug/l	144920	Chlorobenzene-d5	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	91
2		Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	91
3		(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	91
4		.alpha.-Pinene	136	C10H16	000080-56-8	87
5		.gamma.-Terpinene	136	C10H16	000099-85-4	83



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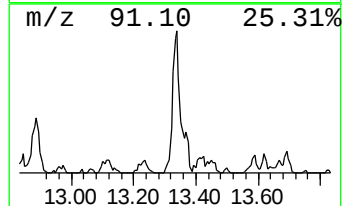
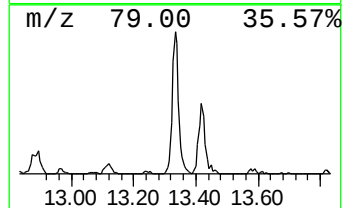
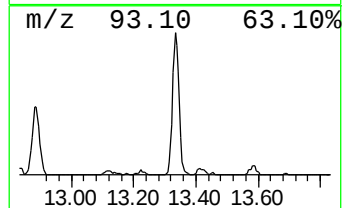
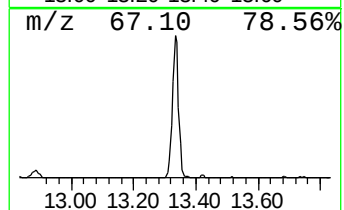
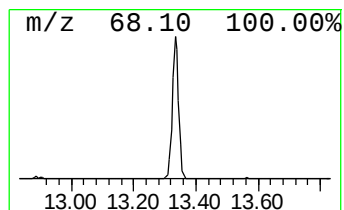
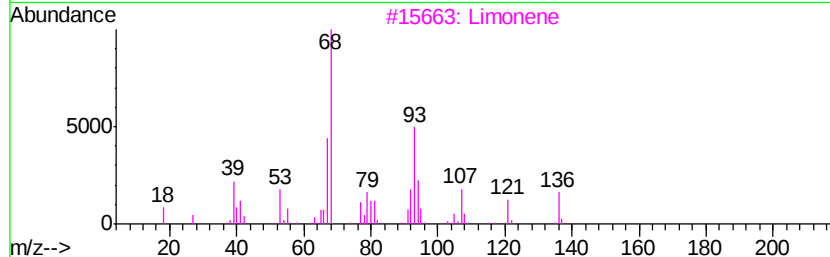
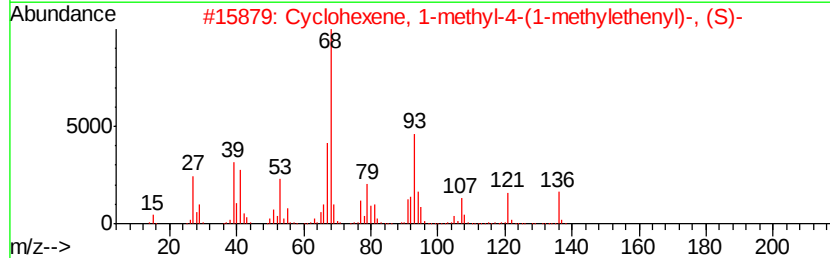
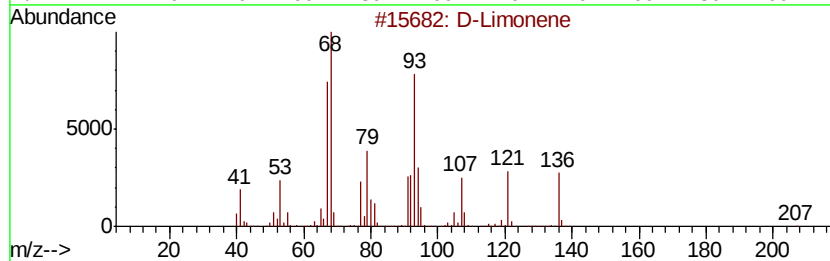
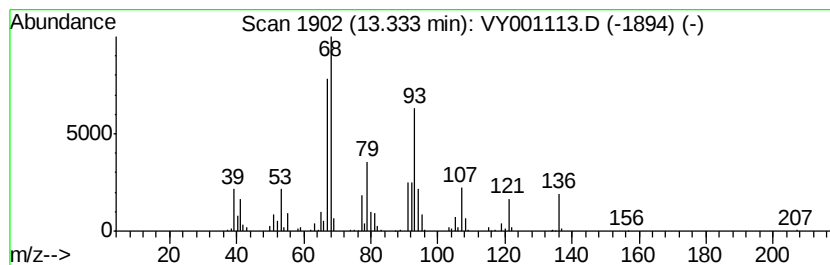
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Peak Number 2 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	10.54 ug/l	224842	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	D-Limonene	136 C10H16	005989-27-5	98
2	Cyclohexene, 1-methyl-4-(1-methy...	136 C10H16	005989-54-8	81
3	Limonene	136 C10H16	000138-86-3	74
4	1,5-Cyclooctadiene, 1,5-dimethyl-	136 C10H16	003760-14-3	72
5	Cyclohexene, 4-ethenyl-1,4-dimet...	136 C10H16	001743-61-9	68



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	12.33	6.6	ug/l	144920	3	11.49	1096640	50.0
D-Limonene	13.33	10.5	ug/l	224842	4	13.42	1066180	50.0