

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
 Data File : VY022954.D
 Acq On : 07 Jul 2025 12:51
 Operator : SY/MD
 Sample : Q2515-01
 Misc : 5.72g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

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\82Y062325S.M

Title : SW846 8260

Signal : TIC: VY022954.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.616	464	475	485	rBV	40525	124999	4.86%	0.805%
2	7.634	961	970	976	rBV	247430	601403	23.37%	3.874%
3	7.707	976	982	997	rVB	390723	890085	34.59%	5.733%
4	8.060	1029	1040	1052	rBV	228014	520006	20.21%	3.349%
5	8.615	1121	1131	1145	rBV	646737	1313763	51.05%	8.462%
6	10.103	1367	1375	1389	rBV	1101437	1840261	71.51%	11.853%
7	11.413	1580	1590	1603	rBV	1110934	1776540	69.03%	11.442%
8	11.596	1614	1620	1631	rVB	74467	125062	4.86%	0.806%
9	12.151	1704	1711	1718	rVB3	29235	52262	2.03%	0.337%
10	12.255	1720	1728	1738	rBV	1628483	2573411	100.00%	16.575%
11	12.401	1745	1752	1760	rBV	928877	1445695	56.18%	9.312%
12	12.505	1760	1769	1776	rVB	353656	581325	22.59%	3.744%
13	12.749	1801	1809	1813	rBV3	29337	57671	2.24%	0.371%
14	12.810	1813	1819	1829	rVB	752418	1163840	45.23%	7.496%
15	13.060	1852	1860	1869	rVB	87646	150531	5.85%	0.970%
16	13.261	1886	1893	1901	rBV2	285363	505274	19.63%	3.254%
17	13.340	1901	1906	1919	rVB	1146721	1775282	68.99%	11.434%
18	13.883	1990	1995	2000	rVB2	18385	28482	1.11%	0.183%

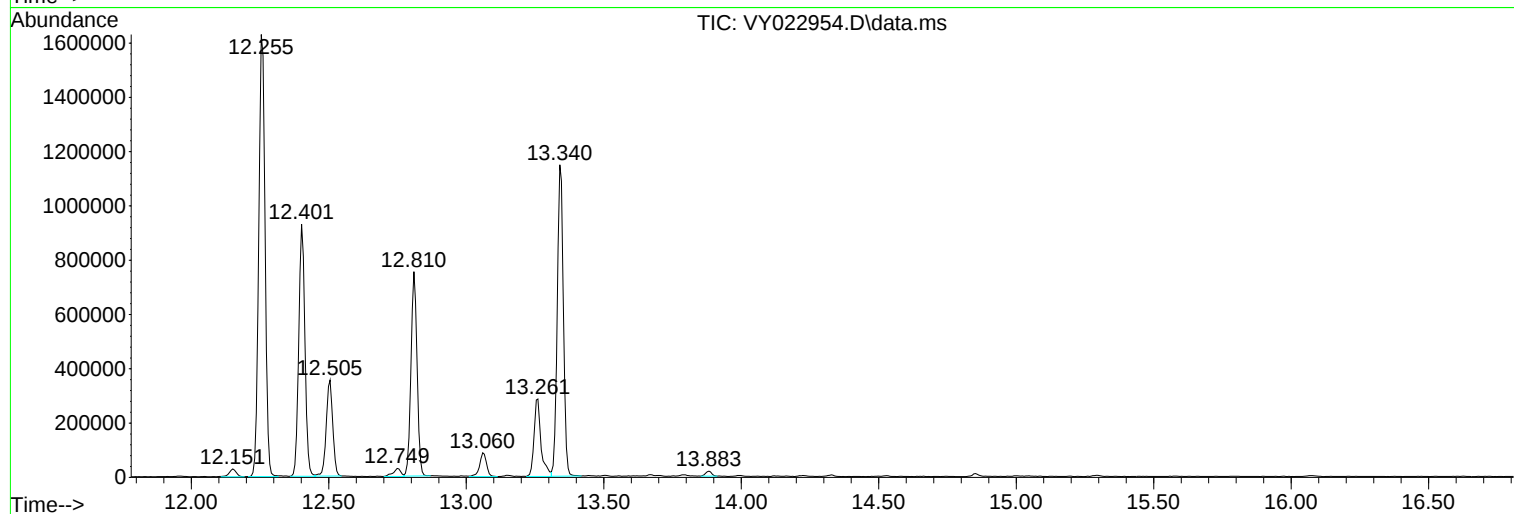
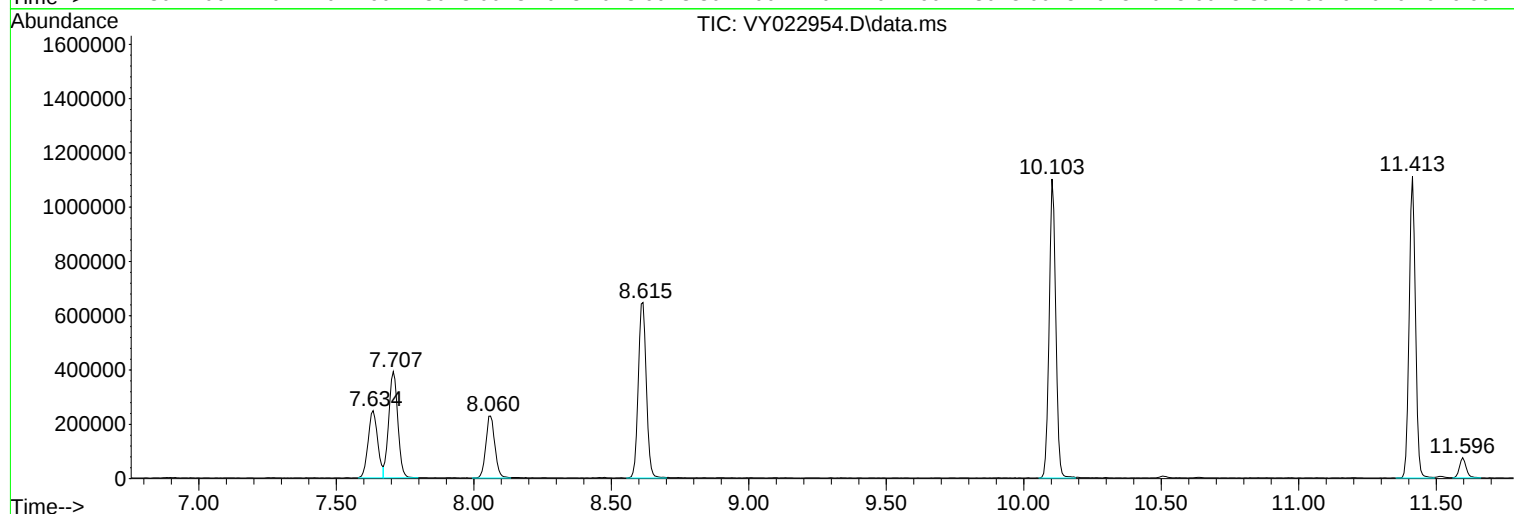
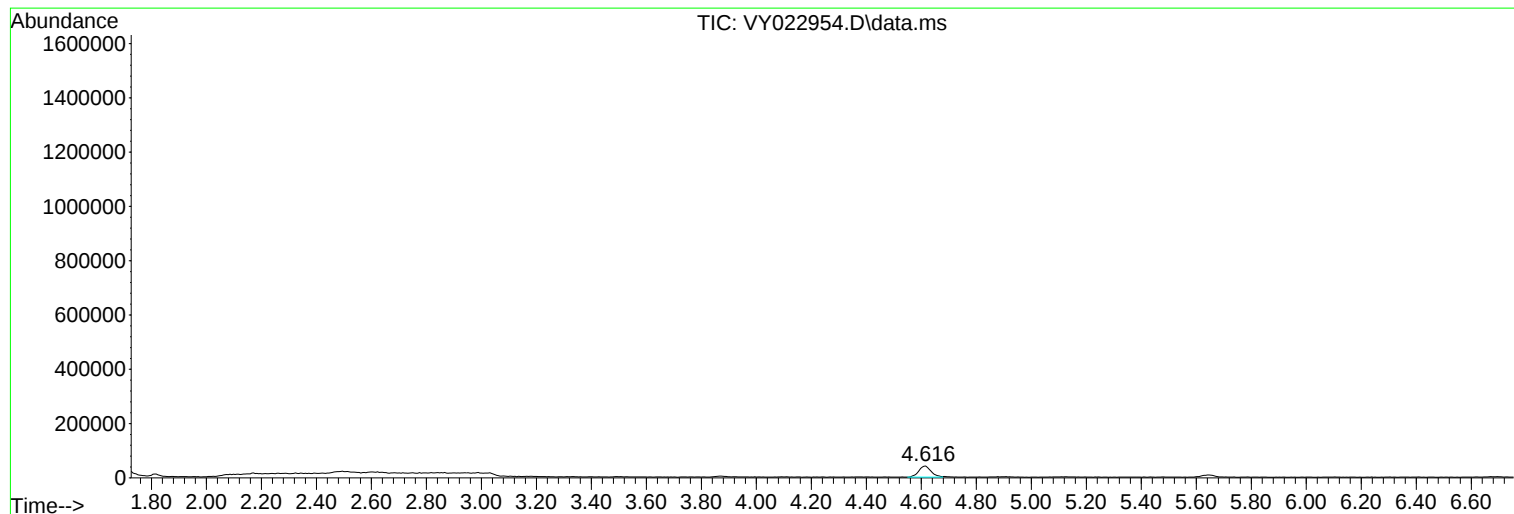
Sum of corrected areas: 15525892

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Quant Title : SW846 8260

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



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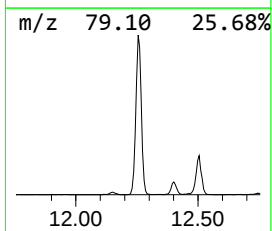
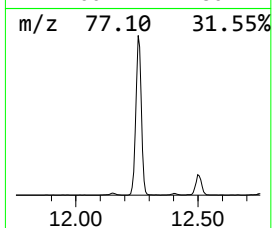
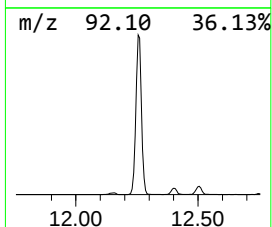
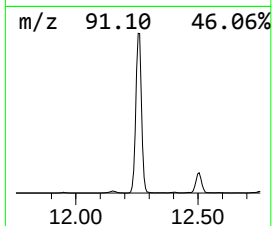
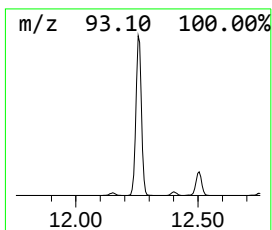
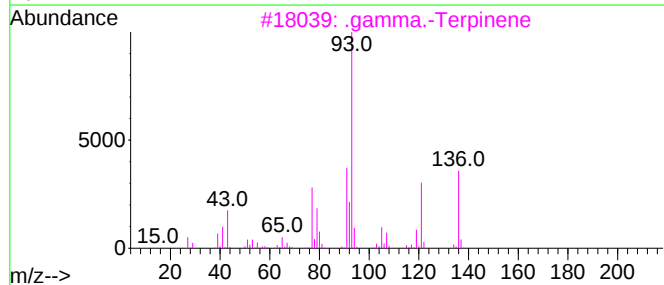
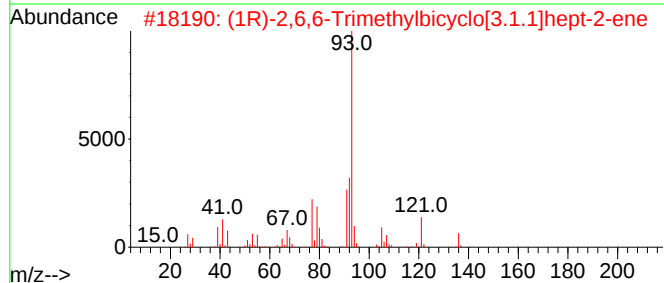
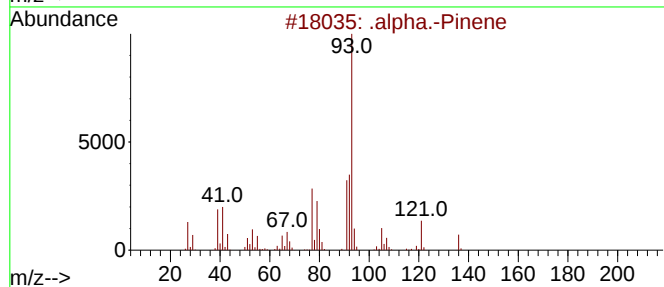
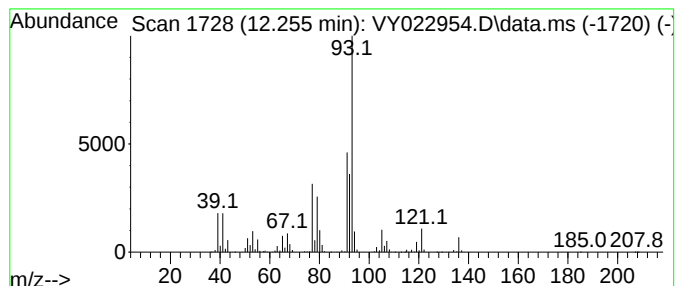
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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

Peak Number 1 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.255	72.43 ug/l	2573410	Chlorobenzene-d5	11.414	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	97
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
3	.gamma.-Terpinene	136	C10H16	000099-85-4	91
4	(+)-3-Carene	136	C10H16	000498-15-7	91
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91



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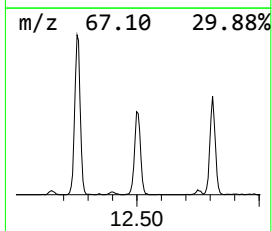
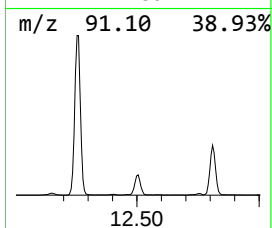
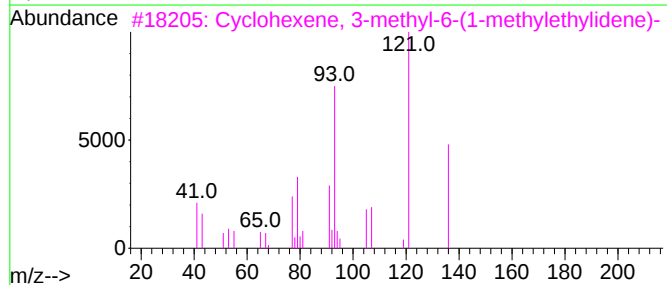
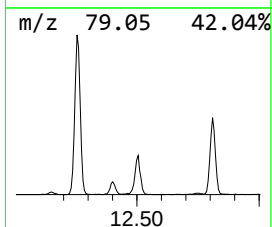
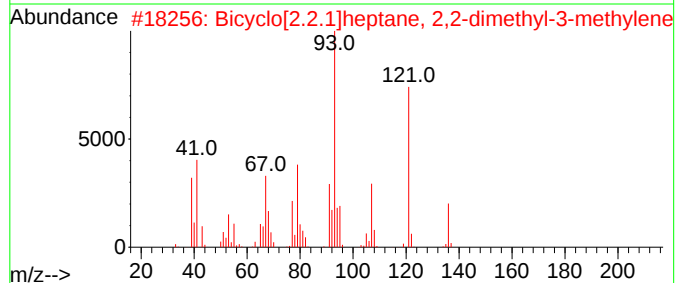
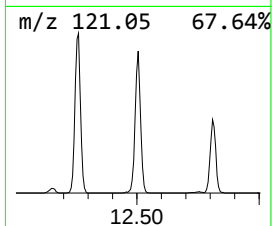
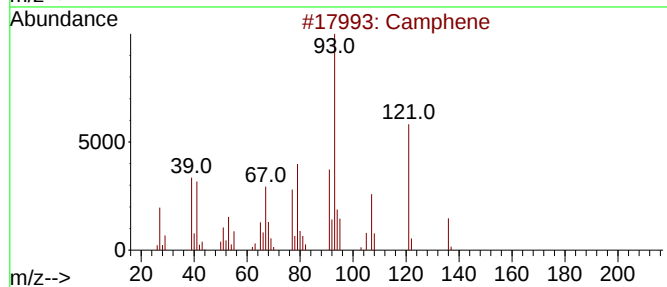
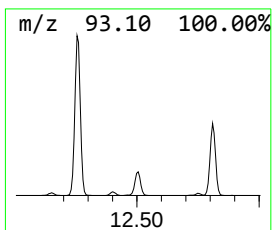
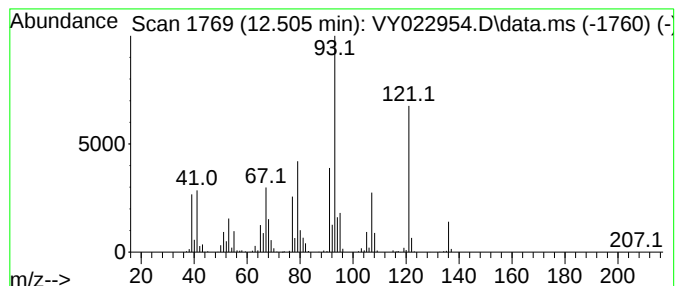
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Peak Number 2 Camphene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.505	16.37 ug/l	581325	1,4-Dichlorobenzene-d4	13.340

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Camphene	136	C10H16	000079-92-5	97
2			Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	96
3			Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	86
4			2-Carene	136	C10H16	000554-61-0	86
5			Cyclohexene, 1-methyl-3-(1-methy...	136	C10H16	000499-03-6	86



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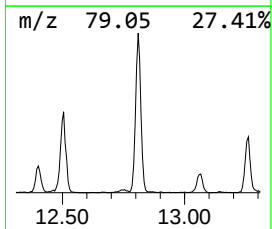
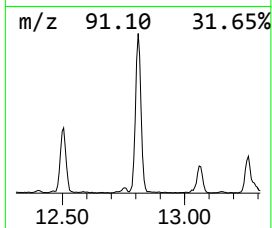
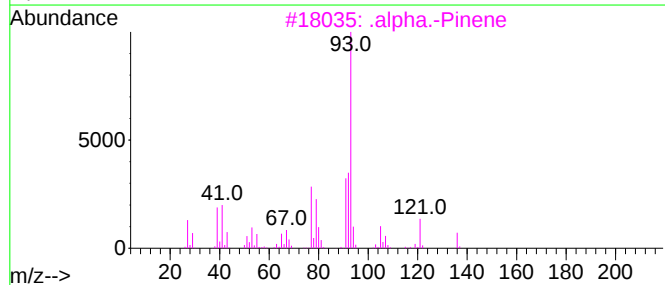
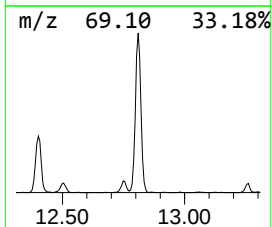
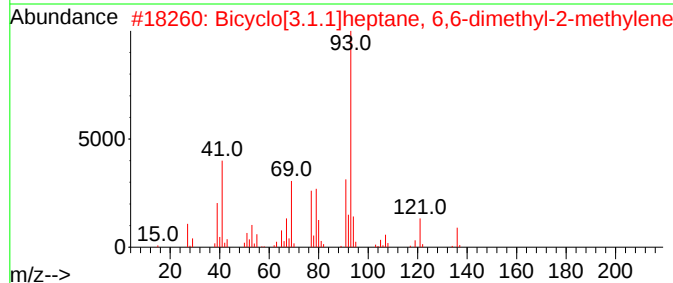
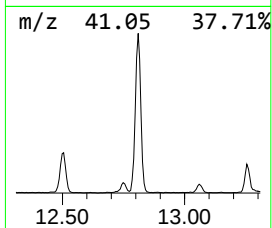
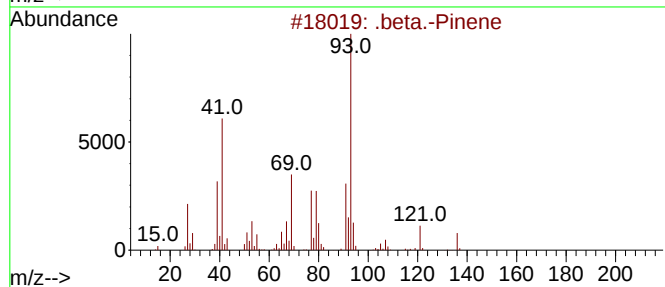
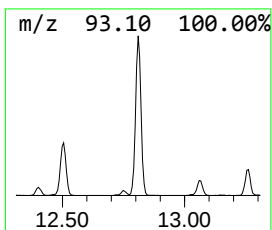
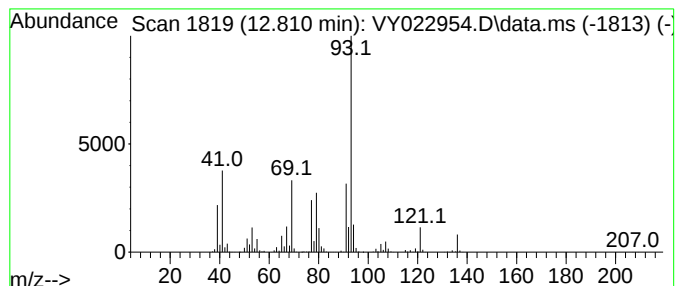
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Peak Number 3 .beta.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.810	32.78 ug/l	1163840	1,4-Dichlorobenzene-d4	13.340

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	beta.-Pinene	136	C10H16	000127-91-3	96	
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91		
3	.alpha.-Pinene	136	C10H16	000080-56-8	91		
4	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91		
5	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	87		



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.255	72.4	ug/l	2573410	3	11.414	1776540	50.0
Camphene	12.505	16.4	ug/l	581325	4	13.340	1775280	50.0
.beta.-Pinene	12.810	32.8	ug/l	1163840	4	13.340	1775280	50.0