

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019127.D
 Acq On : 19 Aug 2024 19:26
 Operator : SY/MD
 Sample : P3641-03
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-908-K1-0-0.5-081524

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\82Y081524S.M
 Title : SW846 8260

Signal : TIC: VY019127.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.622	959	968	974	rBV	78151	185648	4.53%	2.502%
2	7.695	974	980	993	rVB	125547	287487	7.01%	3.875%
3	8.048	1028	1038	1056	rBV	66907	146594	3.58%	1.976%
4	8.603	1122	1129	1142	rVB	192111	383598	9.36%	5.171%
5	10.103	1367	1375	1384	rBV	288559	482430	11.77%	6.503%
6	11.414	1583	1590	1602	rBV	258721	421751	10.29%	5.685%
7	11.968	1673	1681	1692	rBV	48827	77368	1.89%	1.043%
8	12.261	1721	1729	1740	rBV	2645280	4098958	100.00%	55.251%
9	12.407	1744	1753	1761	rBV2	213709	385630	9.41%	5.198%
10	12.505	1761	1769	1776	rVB	242705	396220	9.67%	5.341%
11	12.810	1814	1819	1827	rVB2	50537	84868	2.07%	1.144%
12	13.261	1887	1893	1895	rBV	38947	59810	1.46%	0.806%
13	13.291	1895	1898	1902	rVV	36510	56051	1.37%	0.756%
14	13.346	1902	1907	1914	rVB	185441	281942	6.88%	3.800%
15	13.889	1989	1996	2001	rVB2	44271	70449	1.72%	0.950%

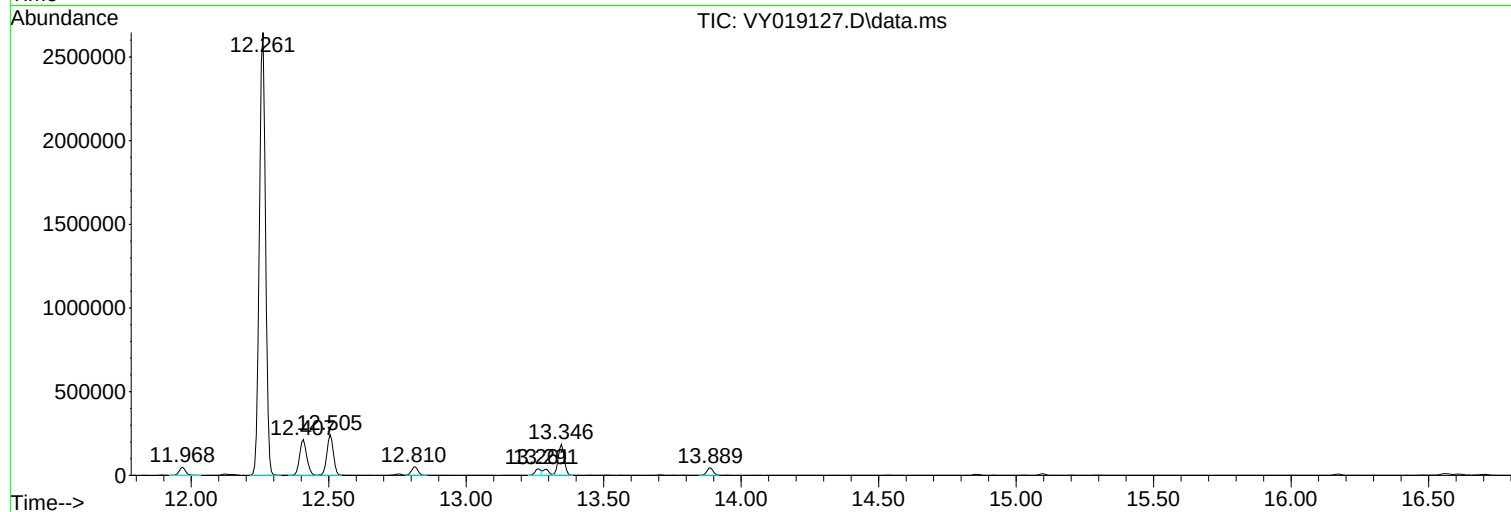
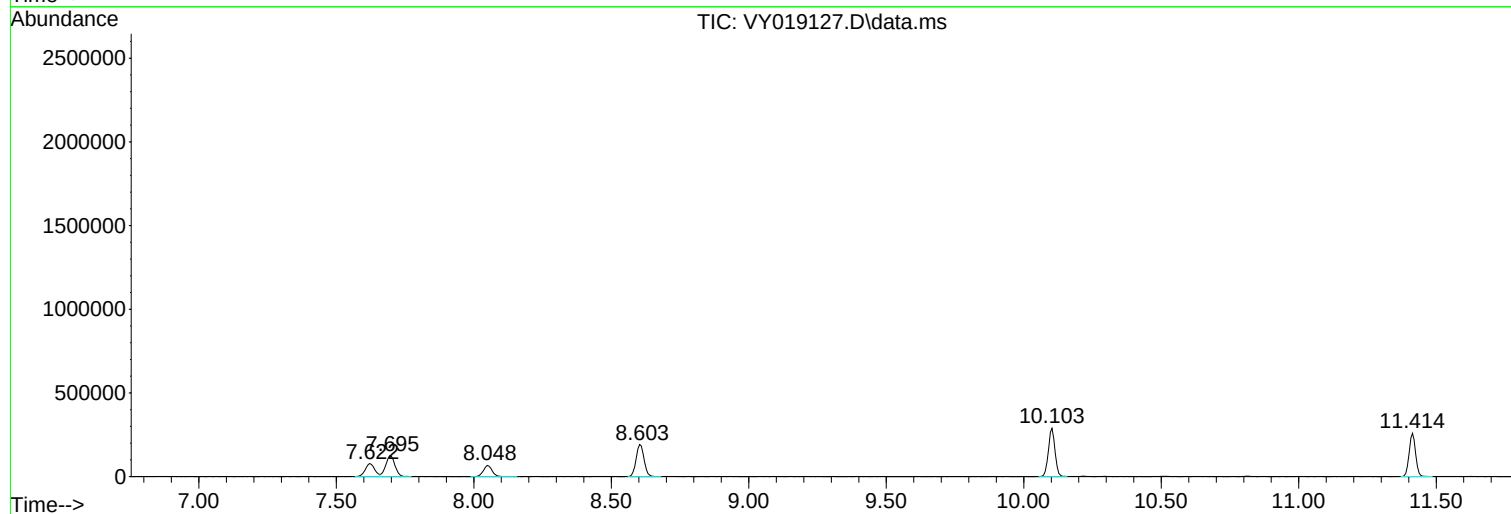
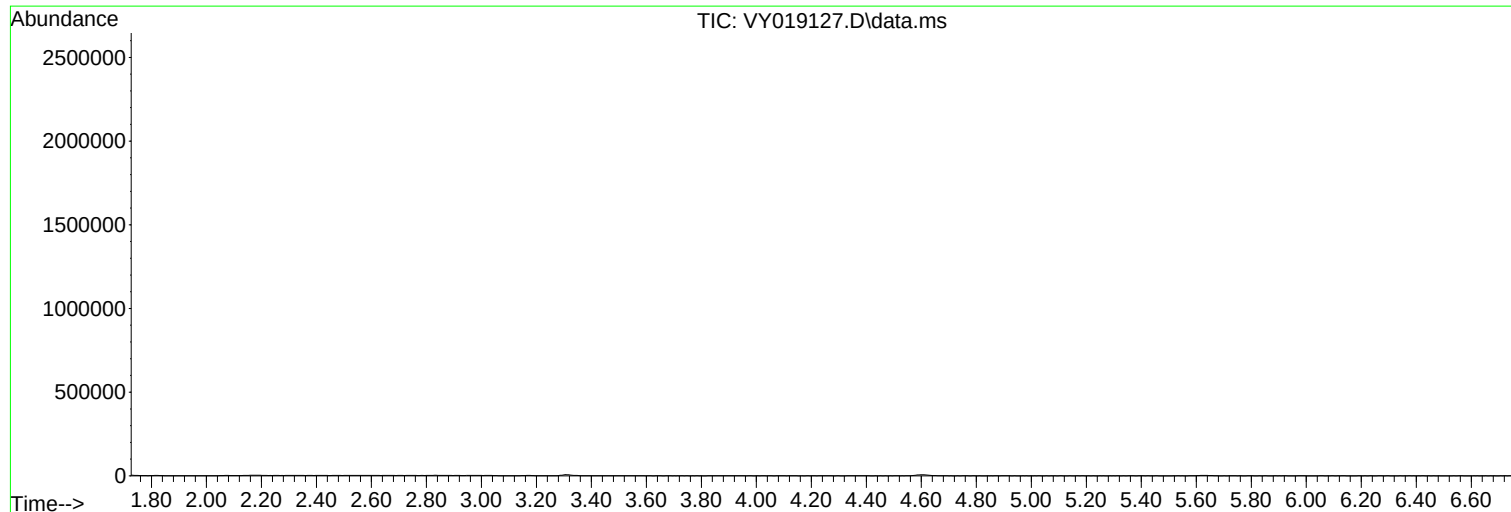
Sum of corrected areas: 7418804

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260

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



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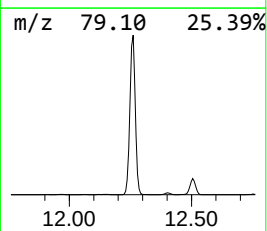
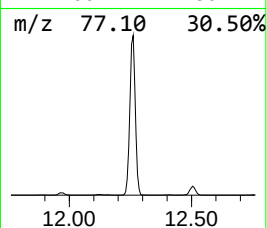
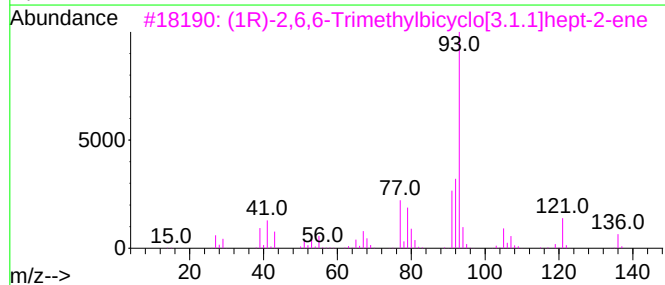
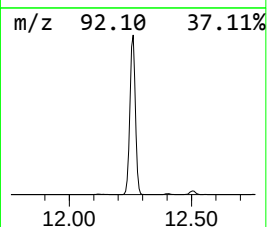
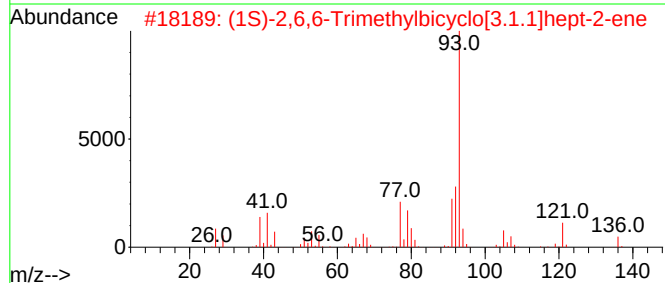
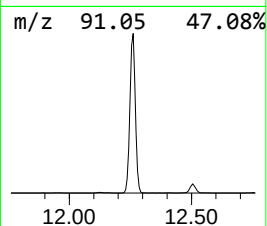
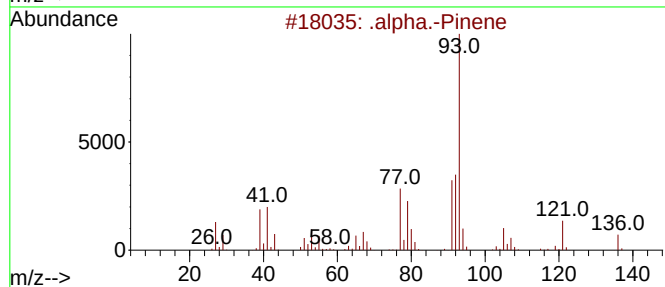
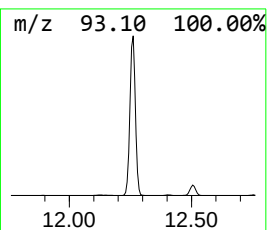
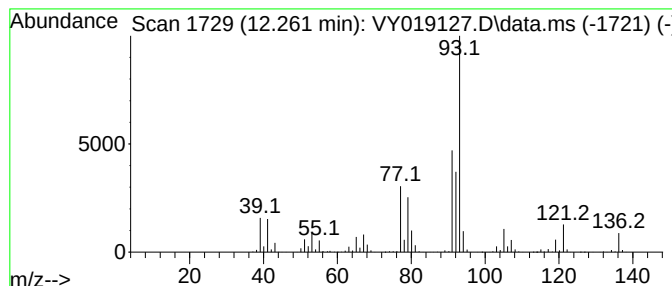
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260

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.
12.261	485.94 ug/l	4098960	Chlorobenzene-d5	11.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.alpha.-Pinene	136	C10H16	000080-56-8	97
2	(1S)-2,6,6-Trimethylbicyclo[3.1...			136	C10H16	007785-26-4	95
3	(1R)-2,6,6-Trimethylbicyclo[3.1...			136	C10H16	007785-70-8	94
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...			136	C10H16	004889-83-2	91
5	.gamma.-Terpinene			136	C10H16	000099-85-4	91



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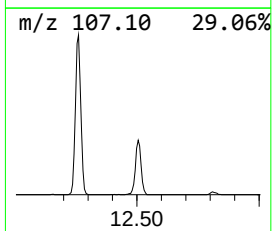
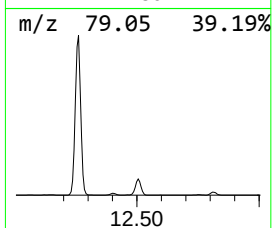
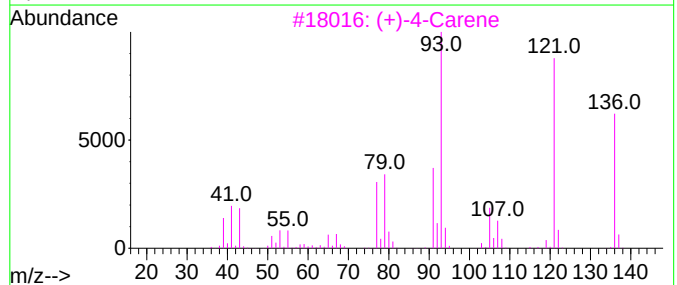
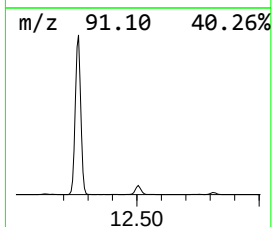
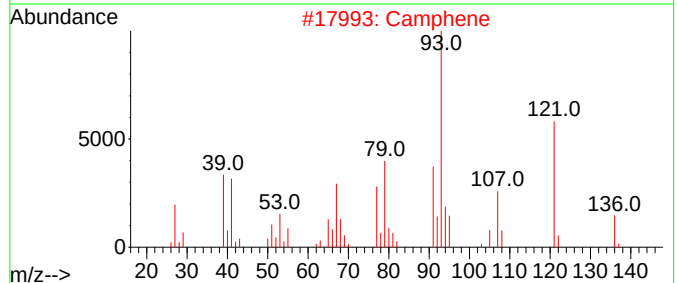
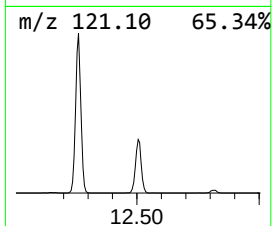
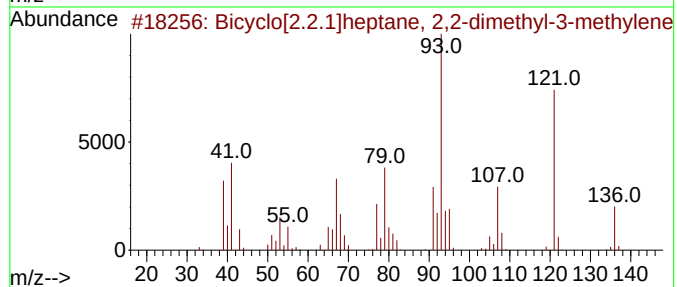
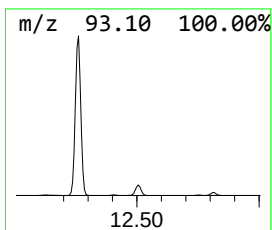
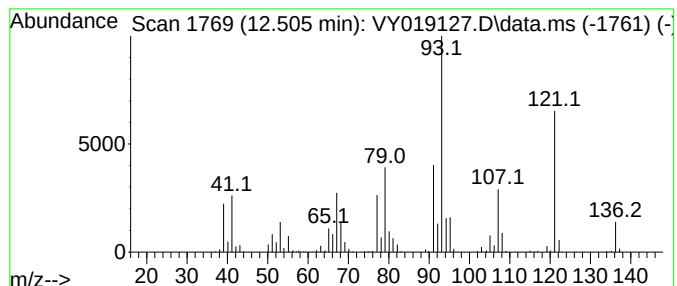
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Peak Number 2 Bicyclo[2.2.1]heptane, 2,2-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.505	70.27 ug/l	396220	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	97
2			Camphene	136	C10H16	000079-92-5	97
3			(+)-4-Carene	136	C10H16	029050-33-7	90
4			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	83
5			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	83



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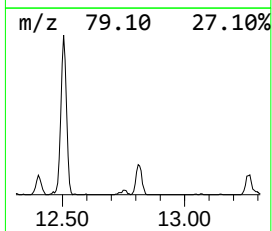
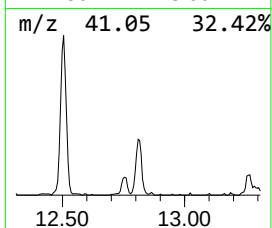
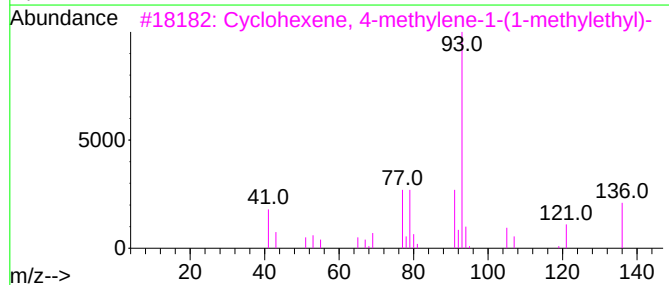
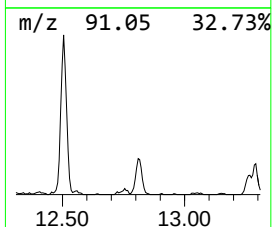
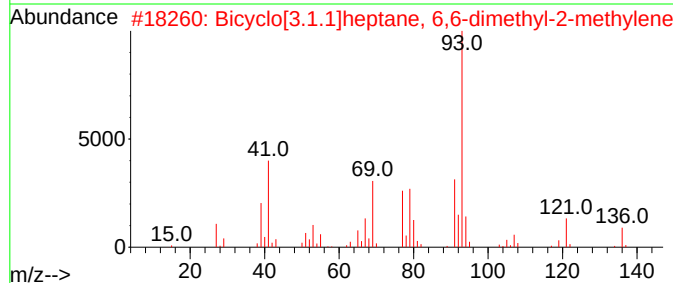
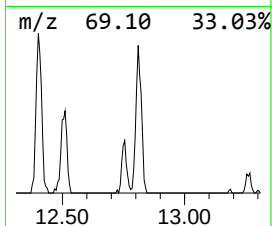
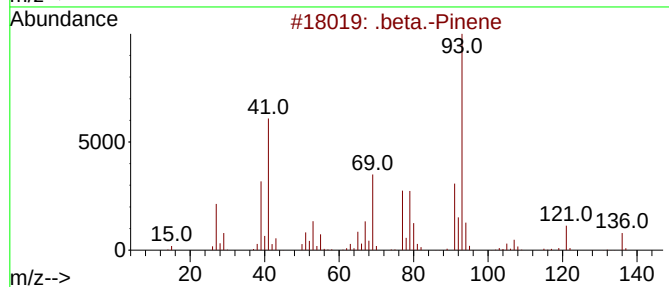
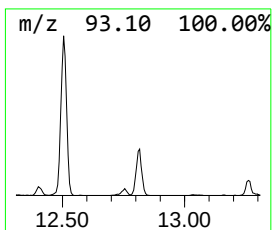
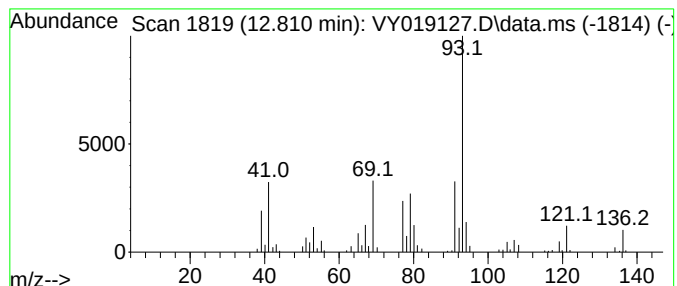
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Peak Number 3 .beta.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.810	15.05 ug/l	84868	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.beta.-Pinene	136	C10H16	000127-91-3	97
2			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	97
3			Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
4			Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	91
5			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	86



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Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.261	485.9	ug/l	4098960	3	11.414	421751	50.0
Bicyclo[2.2.1]h...	12.505	70.3	ug/l	396220	4	13.346	281942	50.0
.beta.-Pinene	12.810	15.1	ug/l	84868	4	13.346	281942	50.0