

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072920\
 Data File : VD066087.D
 Acq On : 29 Jul 2020 12:40
 Operator : VA/SY
 Sample : L3180-01
 Misc : 7.52G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-072920

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_D\METHOD\82D072120S.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	4.961	507	517	532	rVB3	17865	56818	4.79%	0.730%
2	7.914	1009	1019	1024	rBV	163631	396383	33.42%	5.090%
3	7.979	1024	1030	1039	rVB	302668	663073	55.91%	8.514%
4	8.332	1078	1090	1101	rBV	131190	289234	24.39%	3.714%
5	8.867	1171	1181	1194	rBV	416159	858163	72.36%	11.019%
6	10.343	1424	1432	1446	rBV	644045	1185933	100.00%	15.227%
7	10.732	1487	1498	1503	rVB2	6632	13892	1.17%	0.178%
8	11.649	1647	1654	1665	rVB	649126	1109455	93.55%	14.245%
9	12.390	1776	1780	1786	rVB4	8441	14596	1.23%	0.187%
10	12.490	1789	1797	1807	rVV	458088	791172	66.71%	10.159%
11	12.637	1815	1822	1831	rBV	559306	924154	77.93%	11.866%
12	12.743	1833	1840	1849	rVB3	71576	128716	10.85%	1.653%
13	12.984	1873	1881	1886	rBV2	26686	44737	3.77%	0.574%
14	13.049	1886	1892	1901	rVB2	97894	162771	13.73%	2.090%
15	13.273	1925	1930	1936	rVB2	13471	22635	1.91%	0.291%
16	13.496	1962	1968	1976	rBV6	28515	56462	4.76%	0.725%
17	13.584	1976	1983	1991	rVB	661436	1070023	90.23%	13.739%

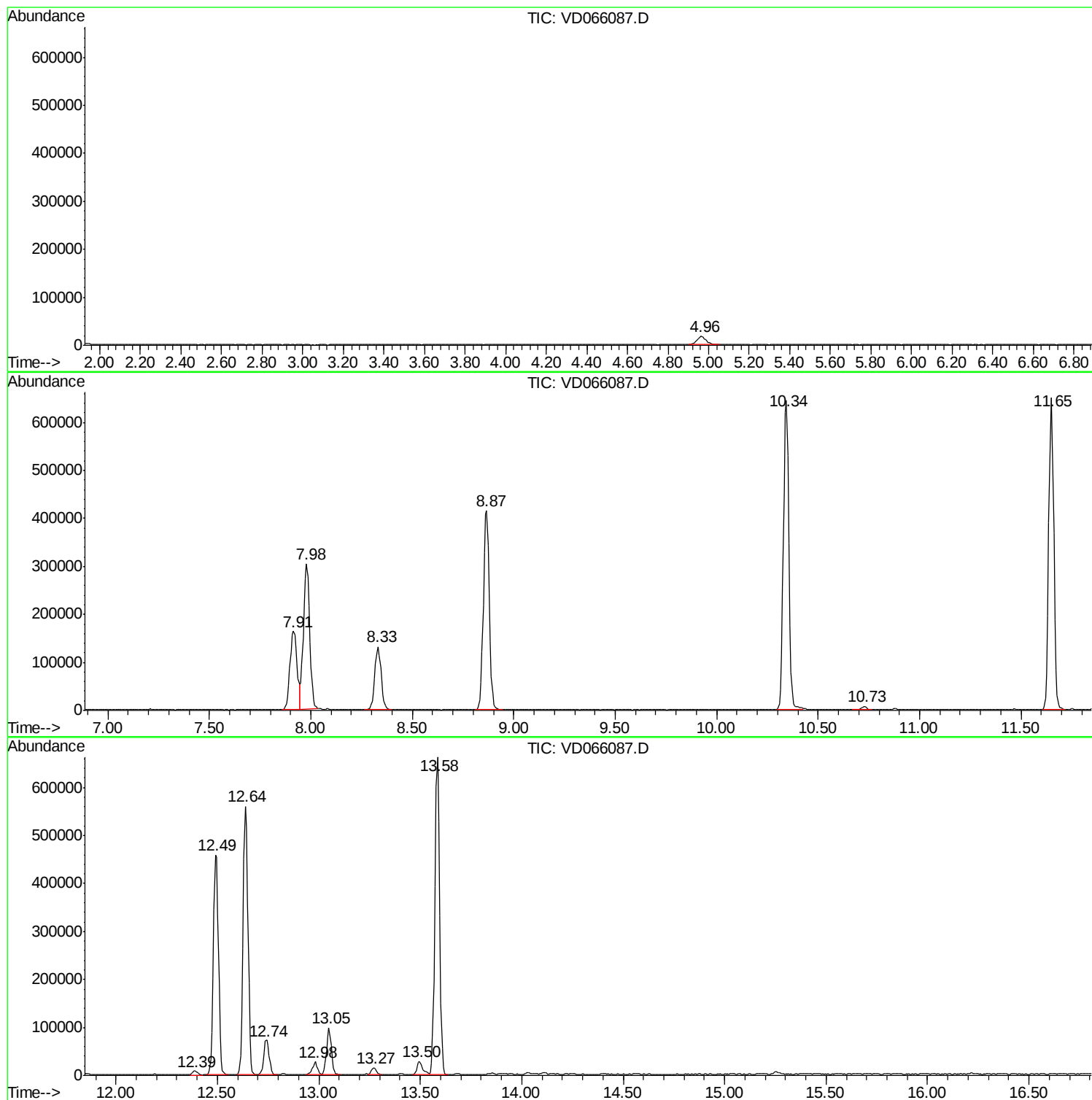
Sum of corrected areas: 7788217

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260

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



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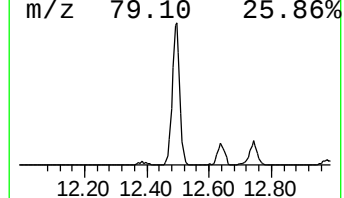
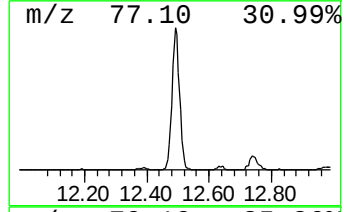
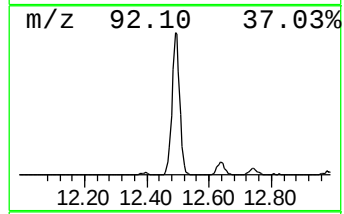
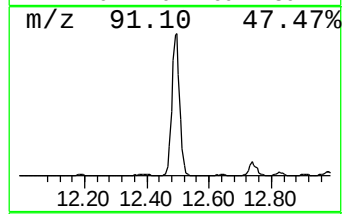
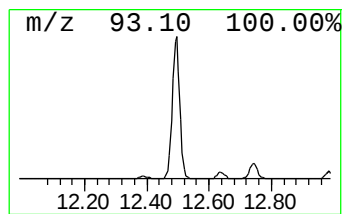
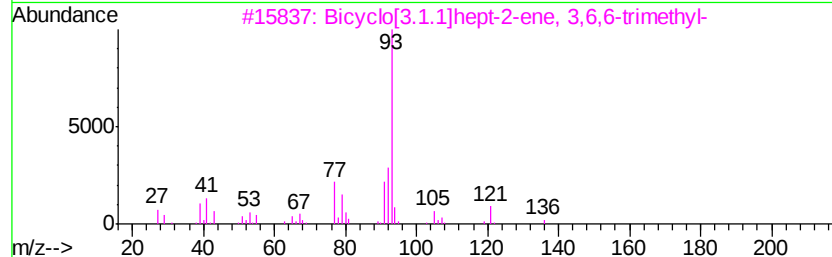
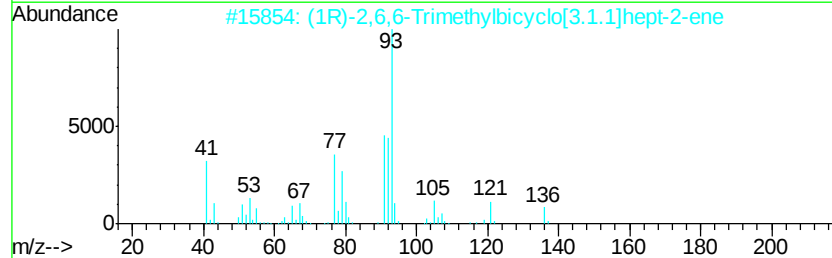
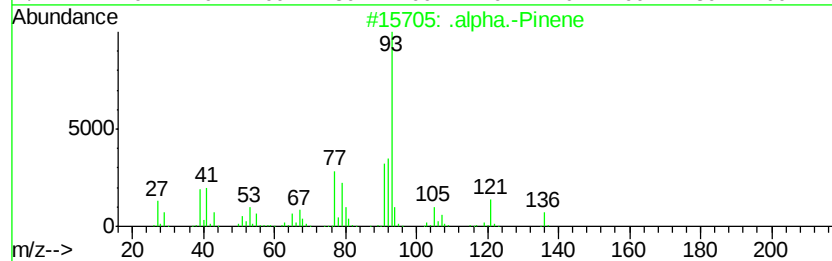
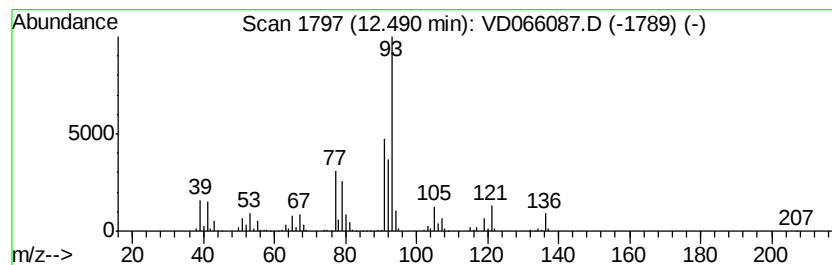
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260

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

Peak Number 1 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	35.66 ug/l	791172	Chlorobenzene-d5	11.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Pinene	136	C10H16	000080-56-8	97
2		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	93
3		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4		3-Carene	136	C10H16	013466-78-9	91
5		(+)-3-Carene	136	C10H16	000498-15-7	91



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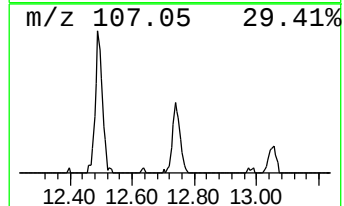
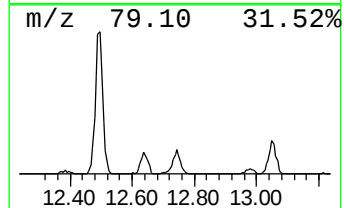
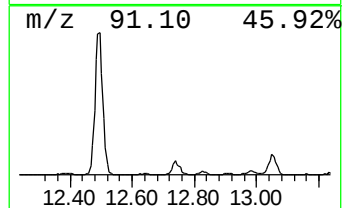
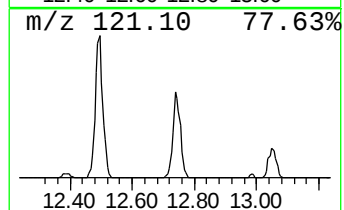
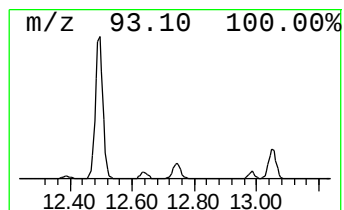
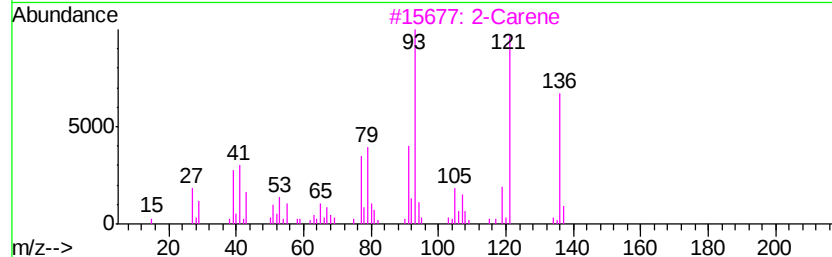
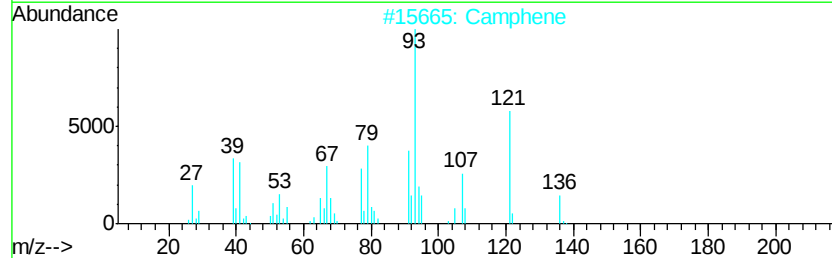
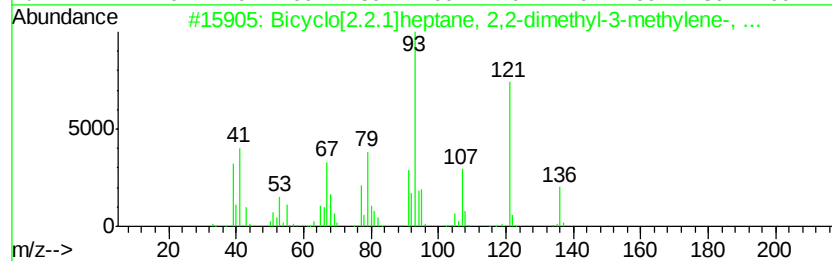
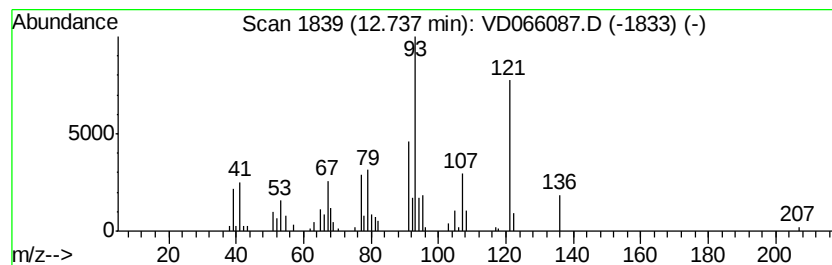
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Peak Number 2 Bicyclo[2.2.1]heptane, 2,2-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	6.01 ug/l	128716	1,4-Dichlorobenzene-d4	13.58
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 95
3		2-Carene	136 C10H16	000554-61-0 87
4		Bicyclo[2.2.1]heptane, 7,7-dimet...	136 C10H16	000471-84-1 87
5		(+)-4-Carene	136 C10H16	029050-33-7 83



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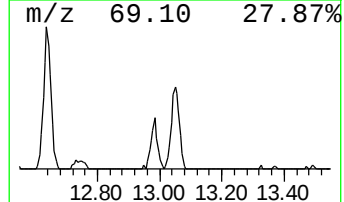
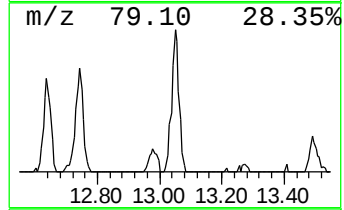
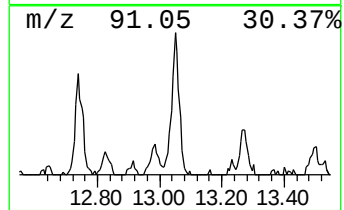
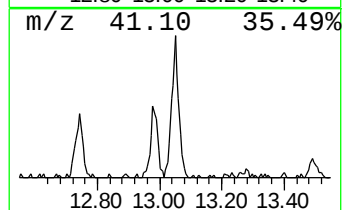
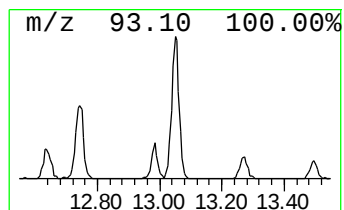
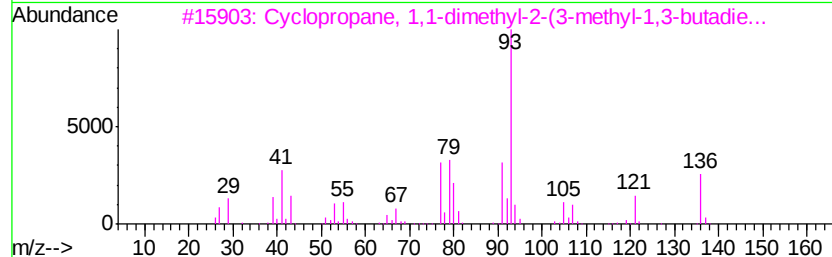
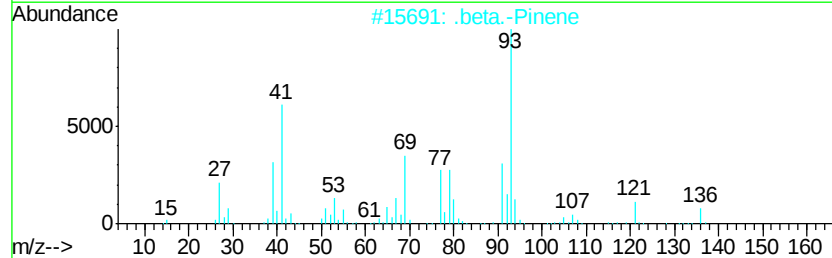
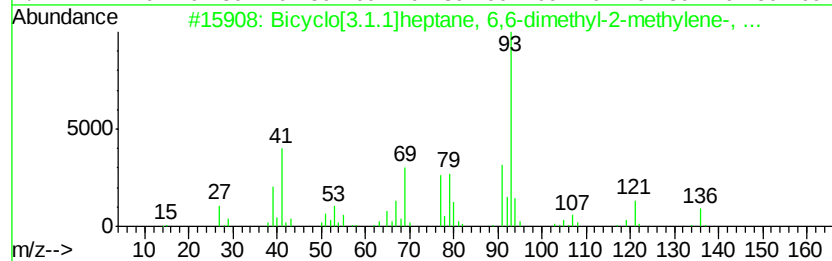
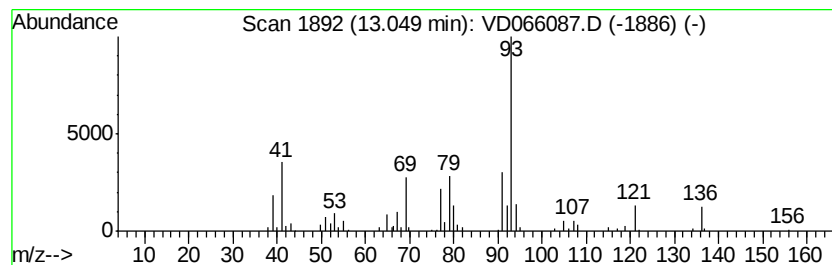
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Peak Number 3 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	7.61 ug/l	162771	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[3.1.1]heptane, 6,6-dimet...	136 C10H16	018172-67-3 94
2		.beta.-Pinene	136 C10H16	000127-91-3 94
3		Cyclopropane, 1,1-dimethyl-2-(3-...	136 C10H16	068998-21-0 87
4		(1R)-2,6,6-Trimethylbicyclo[3.1....	136 C10H16	007785-70-8 87
5		(+)-4-Carene	136 C10H16	029050-33-7 80



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.49	35.7	ug/l	791172	3	11.65	1109460	50.0
Bicyclo[2.2.1]hep...	12.74	6.0	ug/l	128716	4	13.58	1070020	50.0
Bicyclo[3.1.1]hep...	13.05	7.6	ug/l	162771	4	13.58	1070020	50.0