

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067036.D
 Acq On : 02 Oct 2020 15:31
 Operator : VA/SY
 Sample : L4213-08
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-16(11-13)

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_D\METHOD\82D100120S.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	7.914	1009	1019	1024	rBV2	363983	861697	1.39%	0.902%
2	7.979	1024	1030	1040	rVB	650279	1459129	2.35%	1.527%
3	8.332	1076	1090	1101	rBV	293521	704925	1.14%	0.738%
4	8.861	1170	1180	1194	rBV	868231	1824130	2.94%	1.909%
5	10.338	1423	1431	1439	rBV	1398458	2495714	4.03%	2.612%
6	11.644	1645	1653	1665	rBV	1201740	2073760	3.35%	2.171%
7	12.491	1786	1797	1812	rBV	34293831	61969709	100.00%	64.866%
8	12.632	1815	1821	1827	rBV	868502	1504030	2.43%	1.574%
9	12.738	1834	1839	1847	rVB	1796936	3093230	4.99%	3.238%
10	13.049	1886	1892	1901	rVB	669318	1290866	2.08%	1.351%
11	13.296	1925	1934	1942	rVB	382821	669462	1.08%	0.701%
12	13.520	1960	1972	1978	rBV	8536041	15749012	25.41%	16.485%
13	13.579	1978	1982	1990	rVB	1137292	1839520	2.97%	1.925%

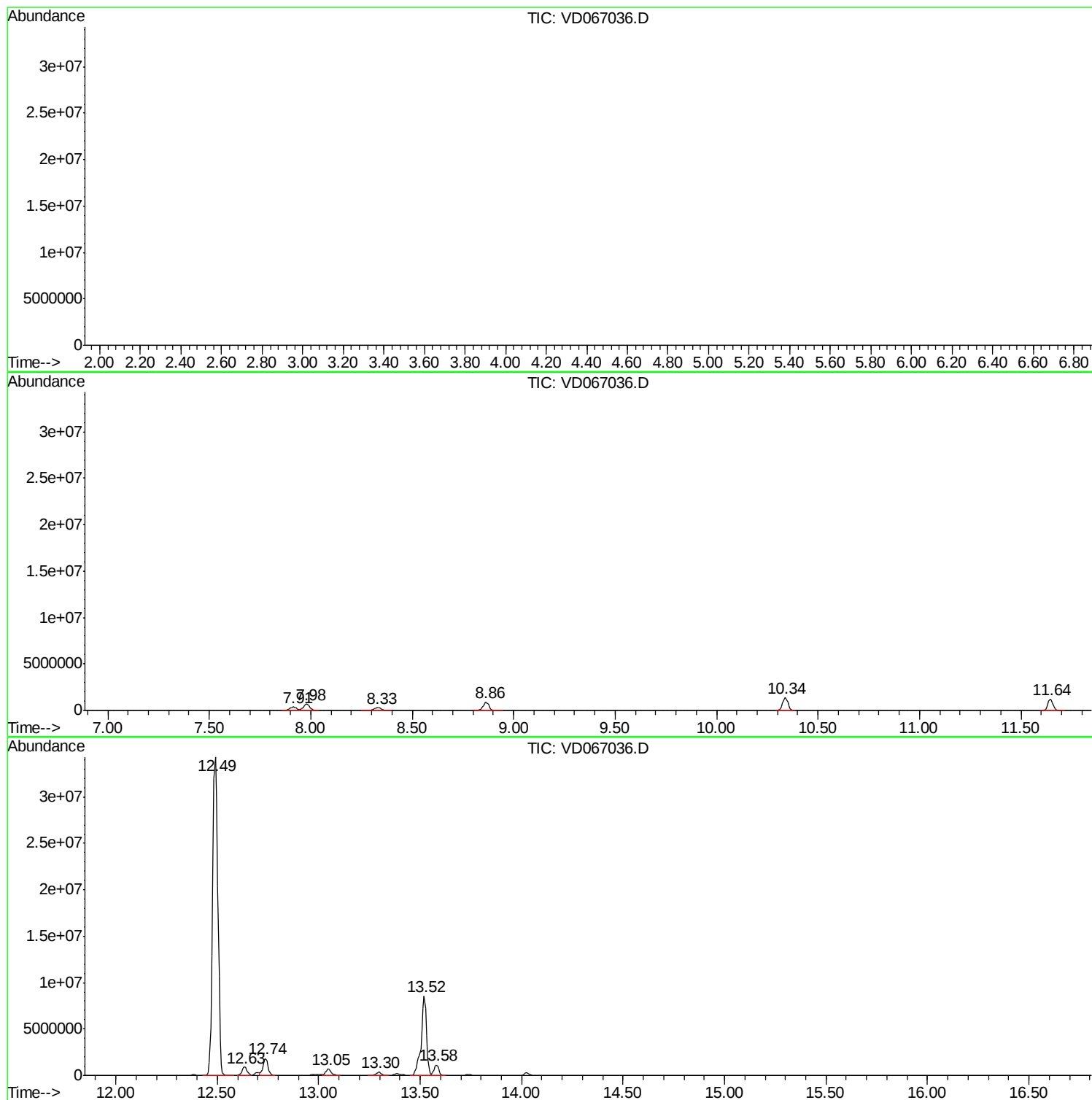
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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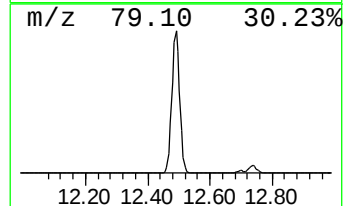
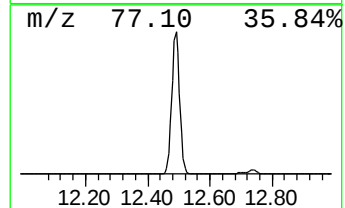
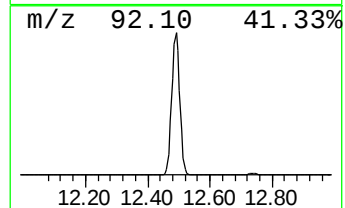
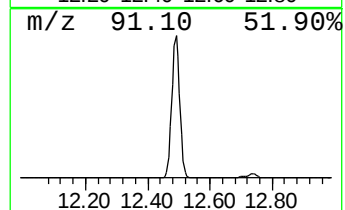
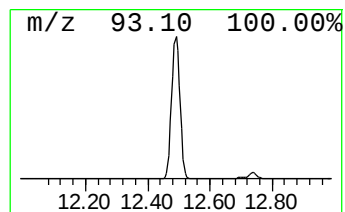
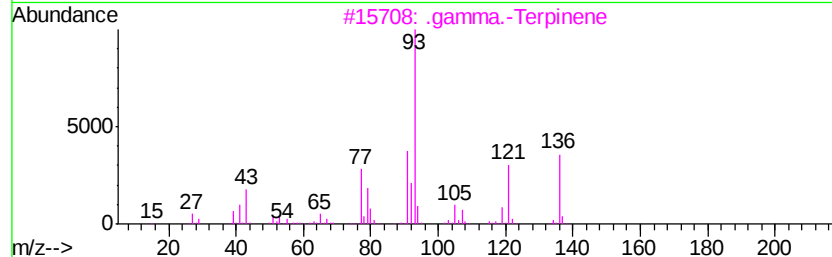
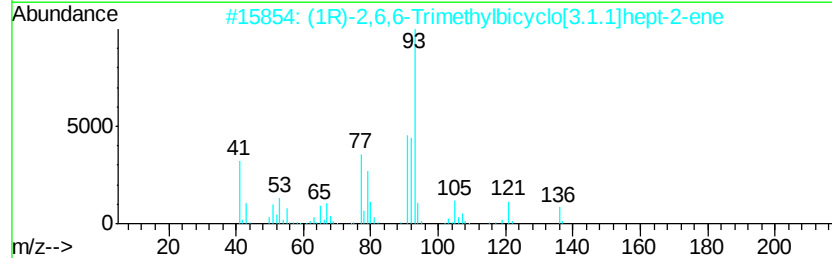
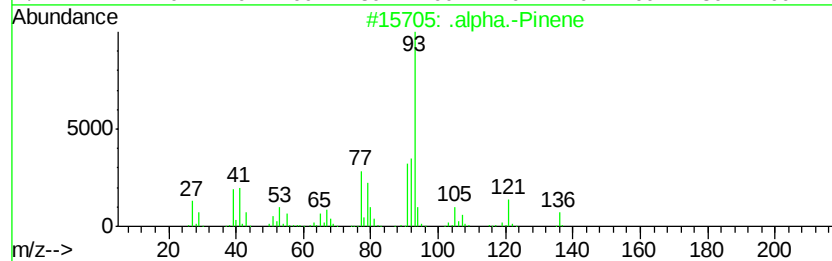
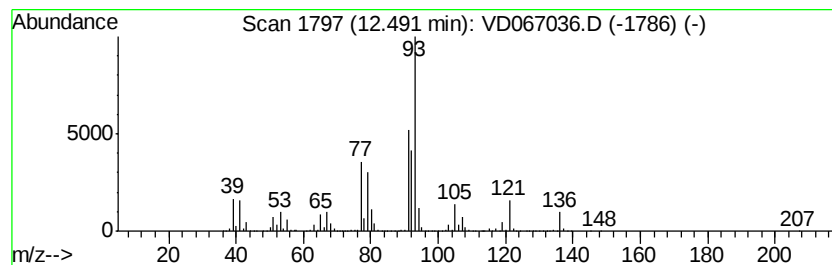
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ClientSampleId :
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Quant Title : SW846 8260

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	1494.14 ug/l	61969700	Chlorobenzene-d5	11.64		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Pinene	136	C10H16	000080-56-8	97
2		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	97
3		.gamma.-Terpinene	136	C10H16	000099-85-4	94
4		(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	91
5		Bicyclo[3.1.1]hept-2-ene, 3,6,6-dimethyl-	136	C10H16	004889-83-2	91



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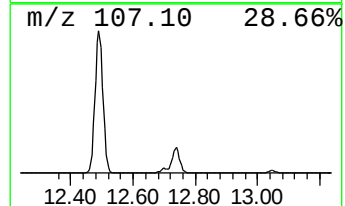
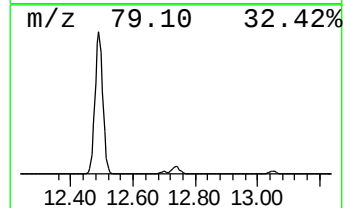
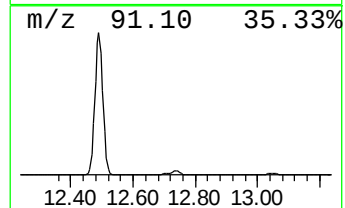
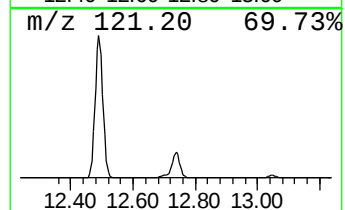
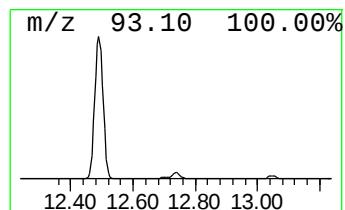
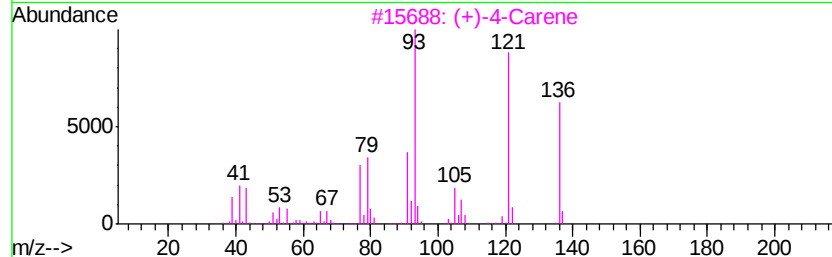
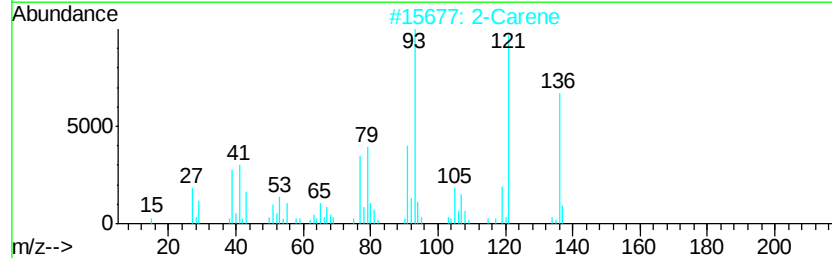
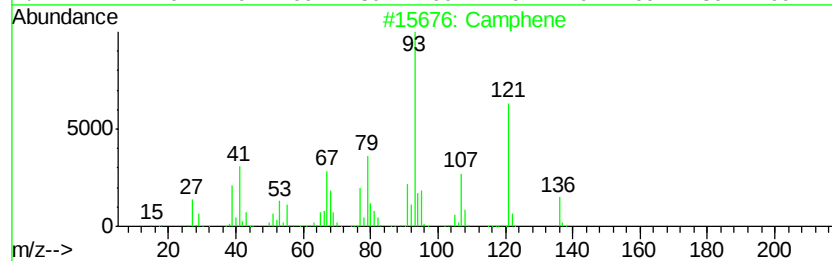
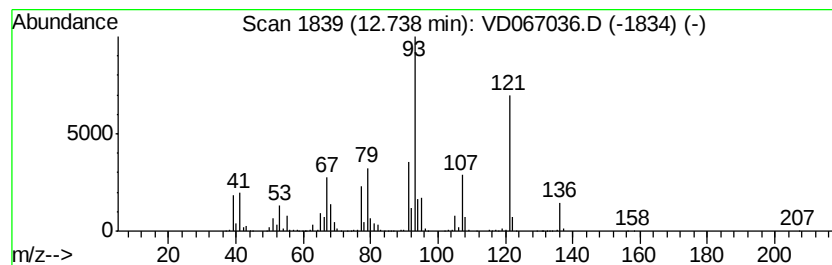
Instrument :
MSVOA_D
ClientSampleId :
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Peak Number 2 Camphene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	84.08 ug/l	3093230	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Camphene		136 C10H16	000079-92-5 95
2	2-Carene		136 C10H16	000554-61-0 74
3	(+)-4-Carene		136 C10H16	029050-33-7 74
4	Cyclohexene, 1-methyl-3-(1-methv...		136 C10H16	000499-03-6 74
5	.beta.-Pinene		136 C10H16	000127-91-3 72



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ALS Vial : 11 Sample Multiplier: 1

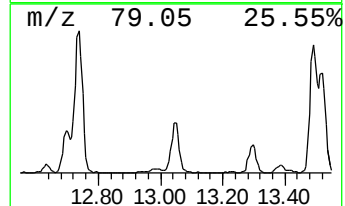
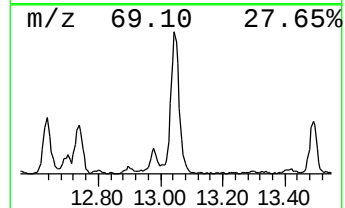
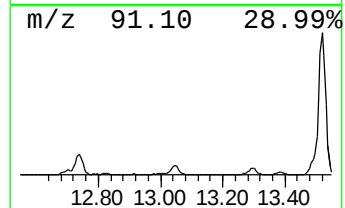
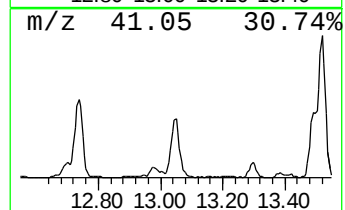
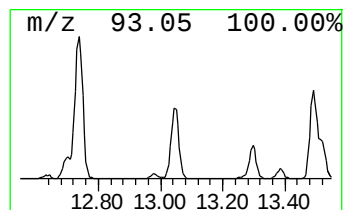
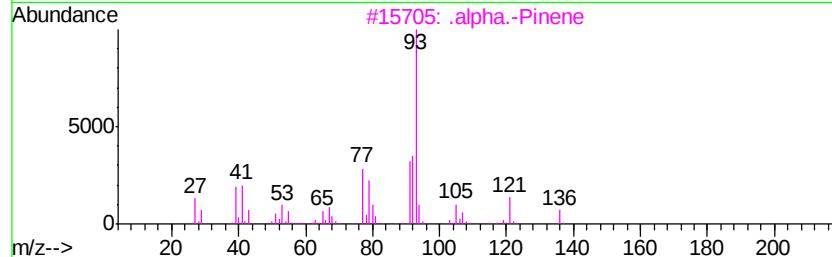
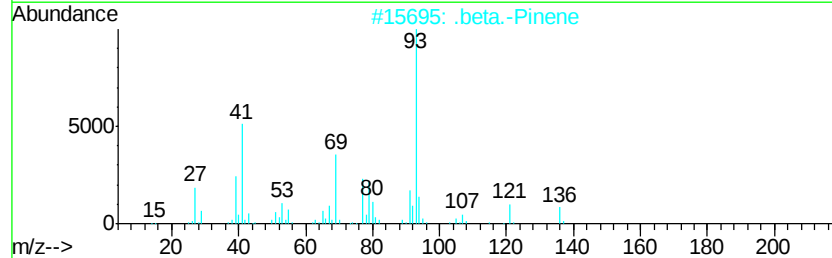
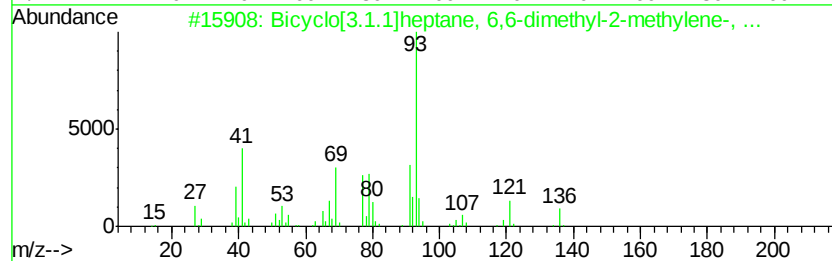
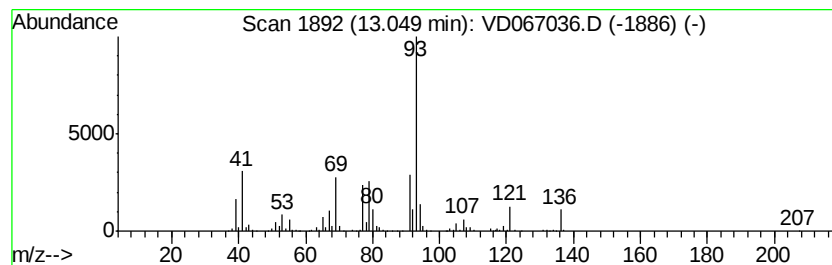
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Peak Number 3 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	35.09 ug/l	1290870	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 96
2		.beta.-Pinene	136 C10H16	000127-91-3 95
3		.alpha.-Pinene	136 C10H16	000080-56-8 93
4		Cyclohexene, 4-methylene-1-(1-me...	136 C10H16	000099-84-3 91
5		(1R)-2,6,6-Trimethylbicyclo[3.1....	136 C10H16	007785-70-8 90



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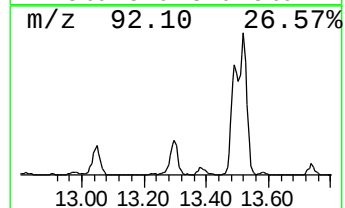
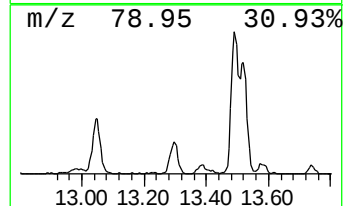
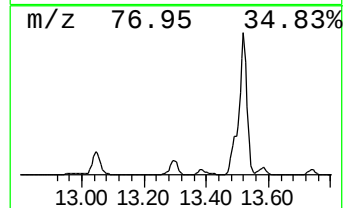
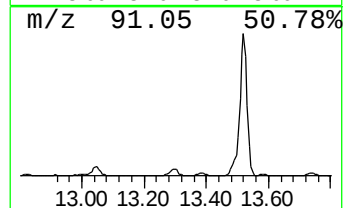
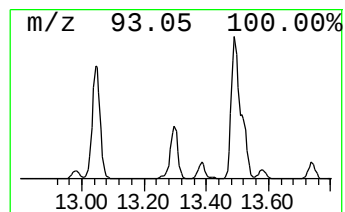
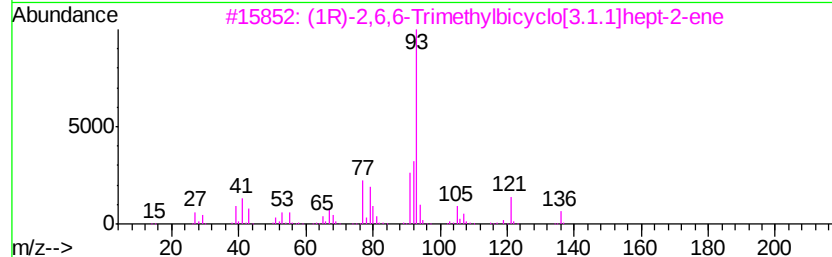
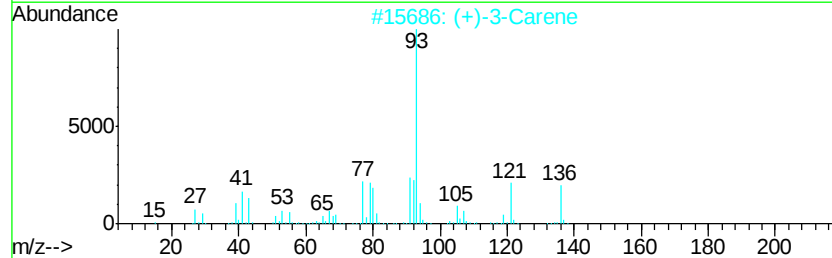
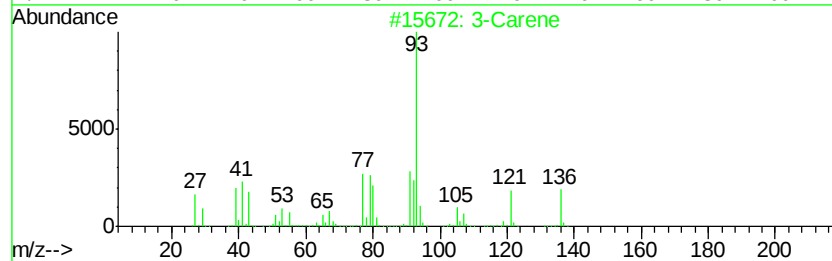
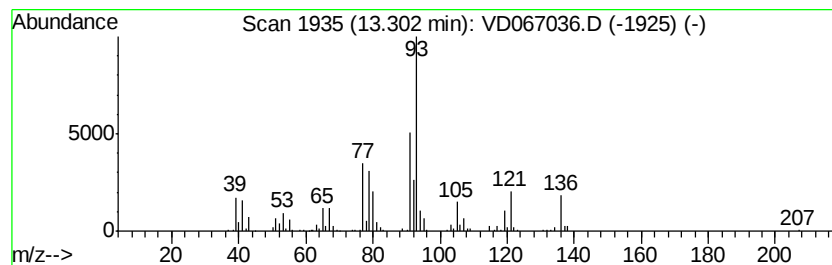
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Peak Number 4 3-Carene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	18.20 ug/l	669462	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Carene	136	C10H16	013466-78-9	96
2		(+)-3-Carene	136	C10H16	000498-15-7	94
3		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	93
4		Cyclopropane, 1,1-dimethyl-2-(3-methylbut-3-en-1-yl)-	136	C10H16	068998-21-0	90
5		4-Carene, (1S,3R,6R)-(-)-	136	C10H16	005208-49-1	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.49	1494.1	ug/l	61969700	3	11.64	2073760	50.0
Camphene	12.74	84.1	ug/l	3093230	4	13.58	1839520	50.0
Bicyclo[3.1.1]hep...	13.05	35.1	ug/l	1290870	4	13.58	1839520	50.0
3-Carene	13.30	18.2	ug/l	669462	4	13.58	1839520	50.0