

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\
 Data File : VD067091.D
 Acq On : 05 Oct 2020 18:42
 Operator : VA/SY
 Sample : L4242-15
 Misc : 8.56G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B17-100120-18-19

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	4.968	505	518	532	rBV3	74719	254186	2.70%	0.924%
2	7.914	1008	1019	1024	rBV	338519	813620	8.64%	2.957%
3	7.979	1024	1030	1043	rVB2	593368	1376967	14.63%	5.005%
4	8.332	1079	1090	1105	rBV2	274796	625052	6.64%	2.272%
5	8.861	1172	1180	1196	rBV	875183	1750297	18.60%	6.362%
6	10.338	1423	1431	1448	rBV	1314955	2409192	25.60%	8.757%
7	11.644	1646	1653	1668	rBV	1168313	2014562	21.40%	7.323%
8	12.385	1772	1779	1788	rBV2	124856	217505	2.31%	0.791%
9	12.491	1790	1797	1810	rVB	243706	424671	4.51%	1.544%
10	12.638	1813	1822	1828	rBV	953284	1617161	17.18%	5.878%
11	12.697	1828	1832	1835	rVV4	68863	119264	1.27%	0.433%
12	12.738	1835	1839	1848	rVB2	130602	227568	2.42%	0.827%
13	12.938	1863	1873	1887	rBV2	896270	2015964	21.42%	7.328%
14	13.067	1887	1895	1908	rVB2	1131676	2083391	22.14%	7.573%
15	13.520	1960	1972	1978	rBV	6051705	9411906	100.00%	34.210%
16	13.579	1978	1982	1991	rVB	1218533	1945375	20.67%	7.071%
17	14.467	2126	2133	2140	rBV	66075	109541	1.16%	0.398%
18	15.108	2235	2242	2254	rVB4	46286	95713	1.02%	0.348%

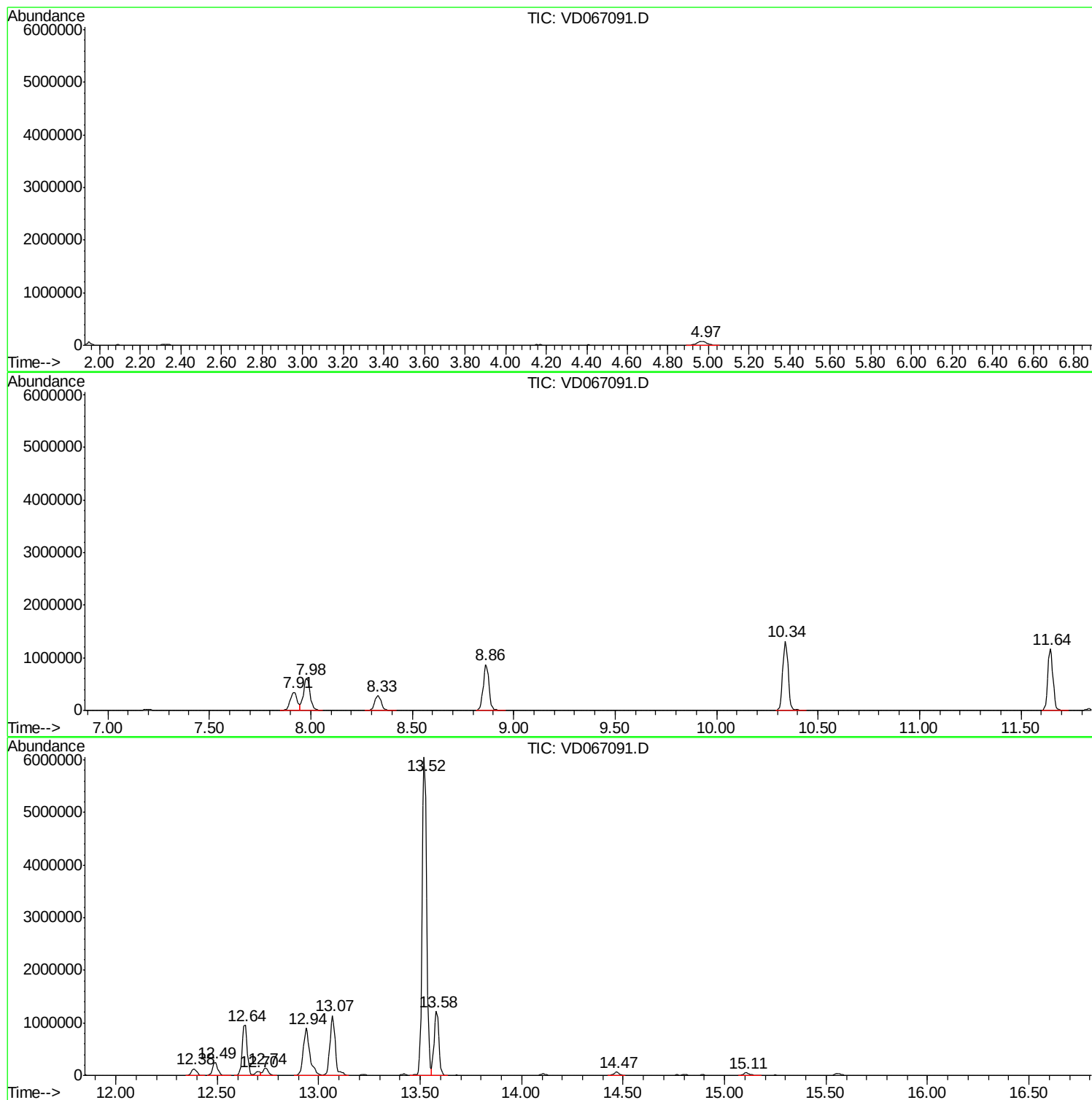
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260

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



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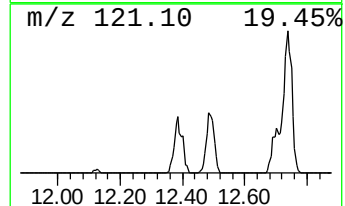
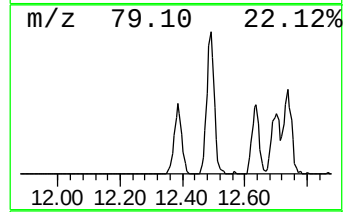
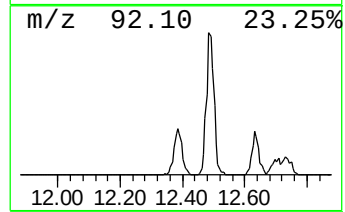
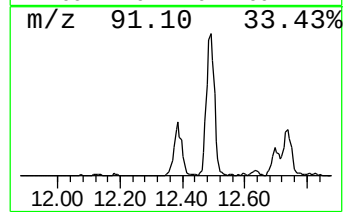
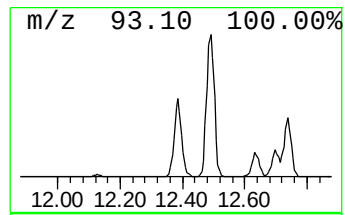
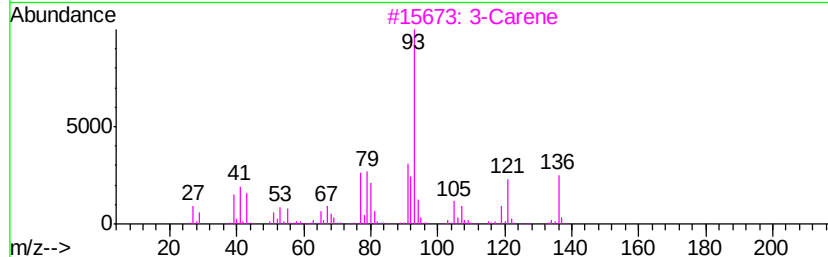
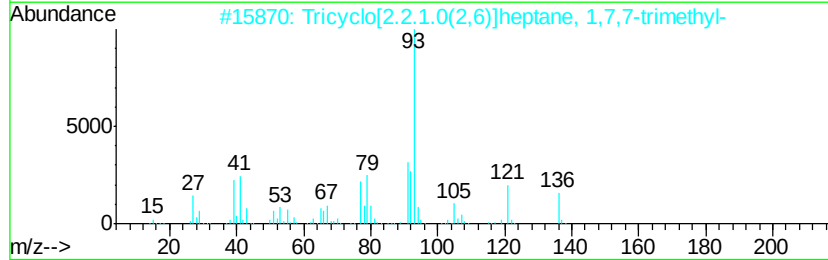
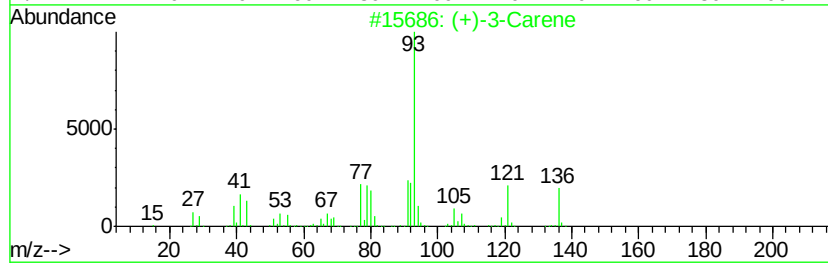
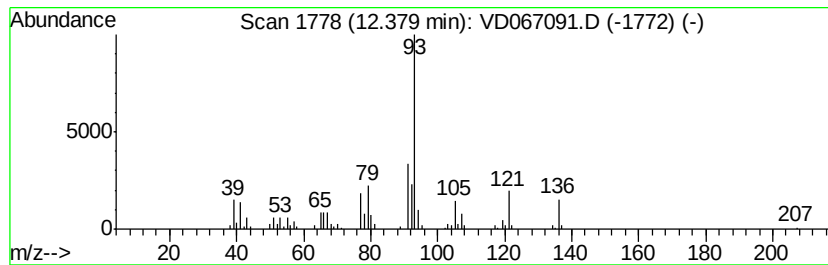
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260

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

Peak Number 1 (+)-3-Carene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	5.40 ug/l	217505	Chlorobenzene-d5	11.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(+)-3-Carene	136	C10H16	000498-15-7	93
2		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	90
3		3-Carene	136	C10H16	013466-78-9	80
4		Cyclopropane, 1,1-dimethyl-2-(3-...	136	C10H16	068998-21-0	80
5		Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	76



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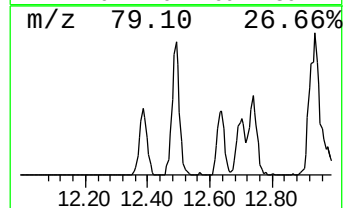
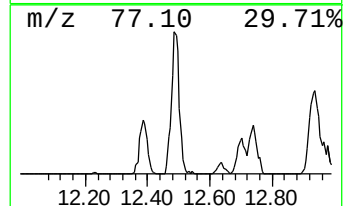
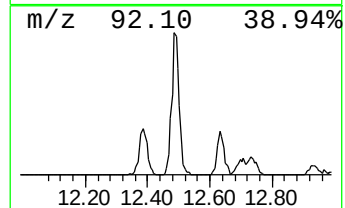
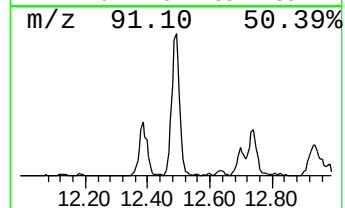
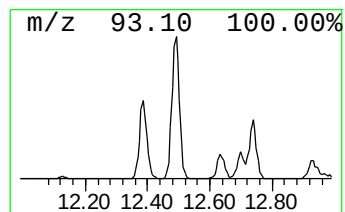
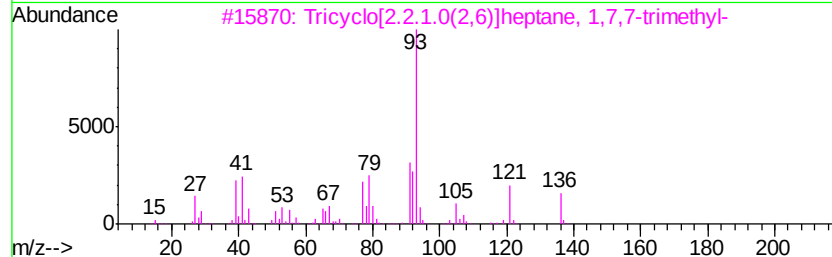
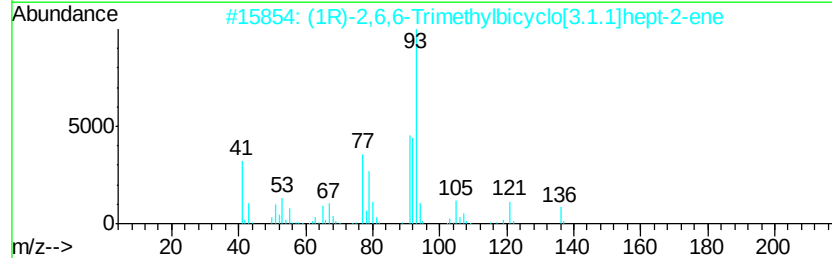
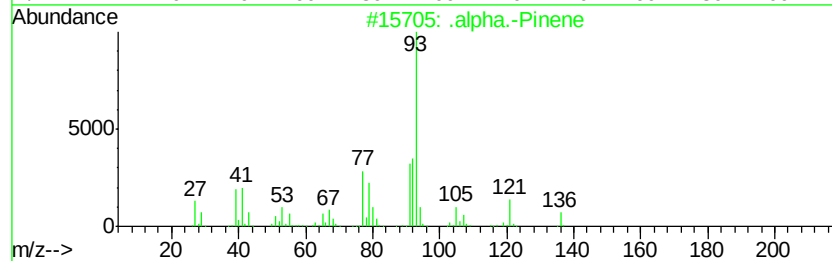
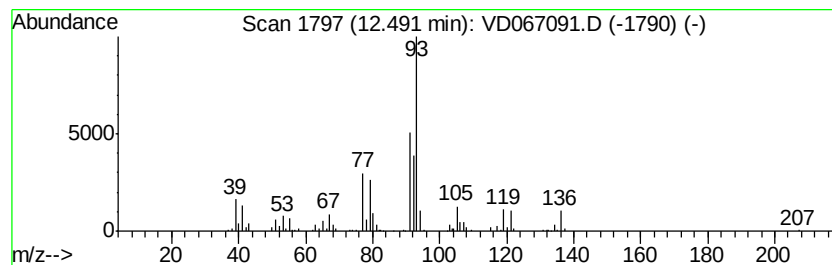
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TIC Integration Parameters: LSCINT.P

Peak Number 2 .alpha.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.49	10.54 ug/l	424671	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....	136	C10H16	007785-70-8	95
3		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	87
4		(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	83
5		3-Carene	136	C10H16	013466-78-9	76



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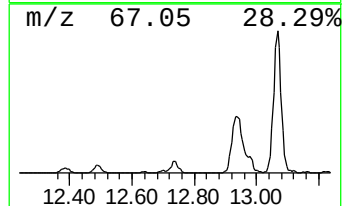
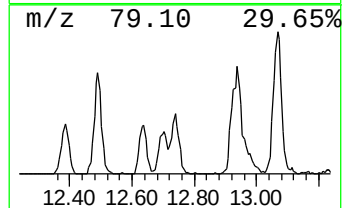
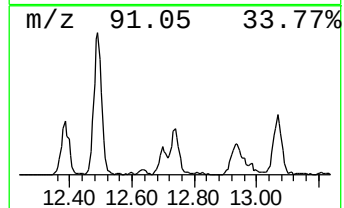
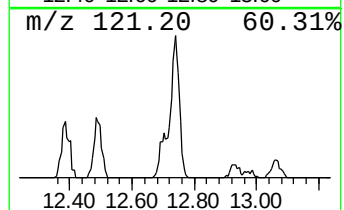
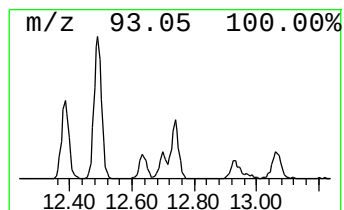
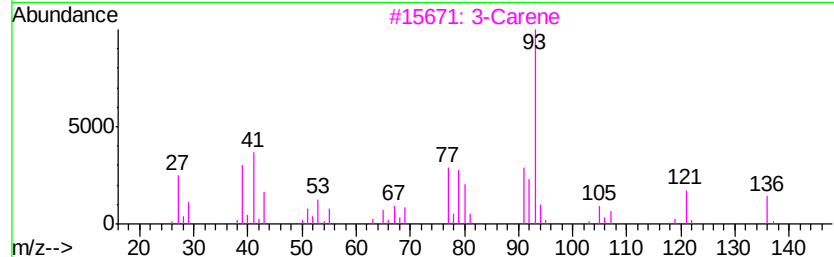
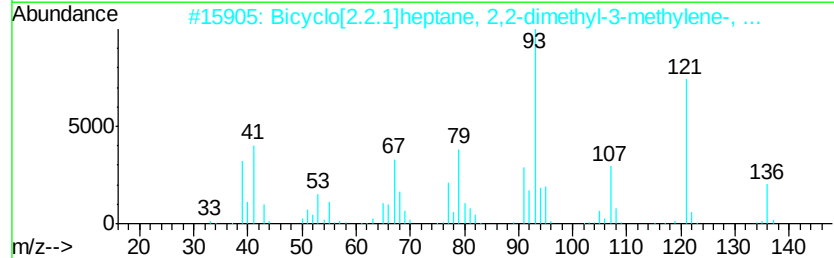
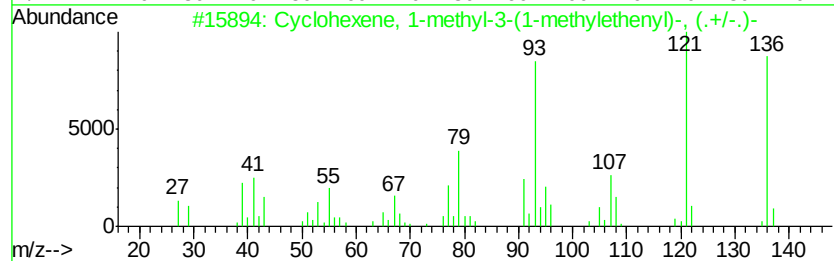
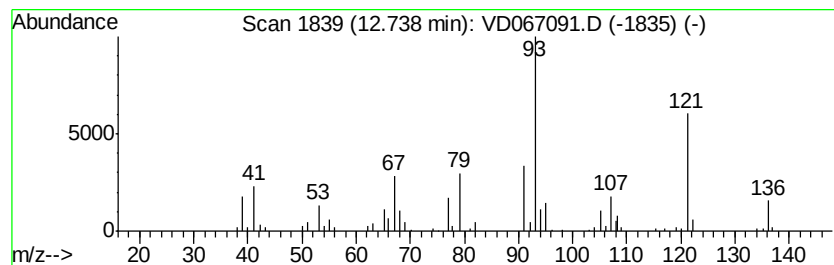
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Peak Number 3 Cyclohexene, 1-methyl-3-(1-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	5.85 ug/l	227568	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexene, 1-methyl-3-(1-methyl-3-(1-methylethenyl)-, (+/-)-	136 C10H16	000499-03-6 91
2		Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-, ...	136 C10H16	005794-04-7 89
3		3-Carene	136 C10H16	013466-78-9 72
4		Camphene	136 C10H16	000079-92-5 72
5		.beta.-Ocimene	136 C10H16	013877-91-3 64



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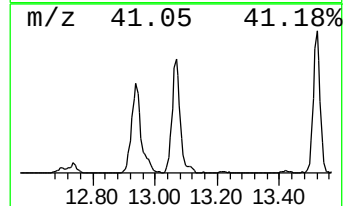
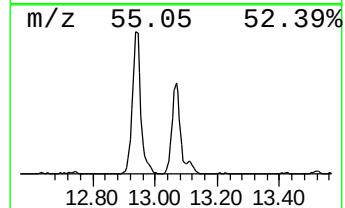
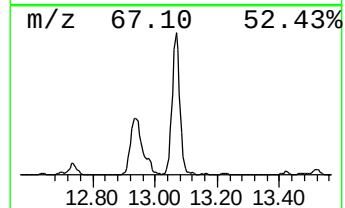
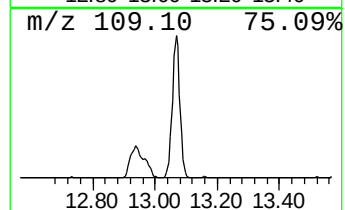
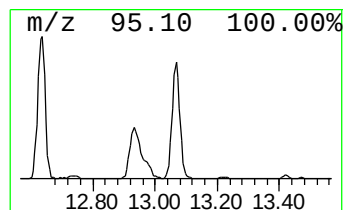
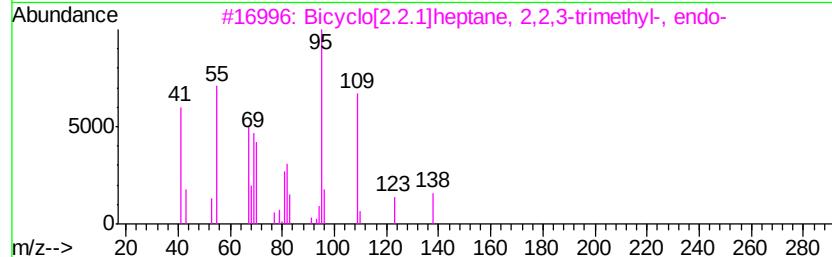
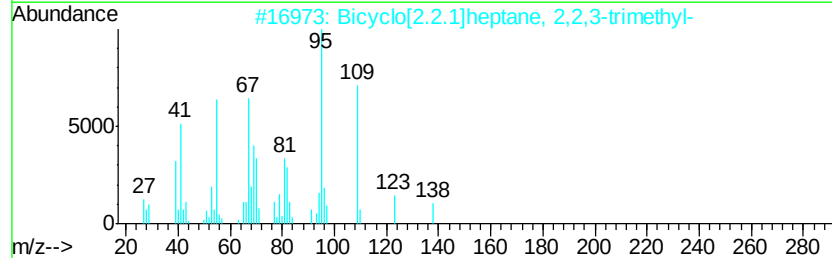
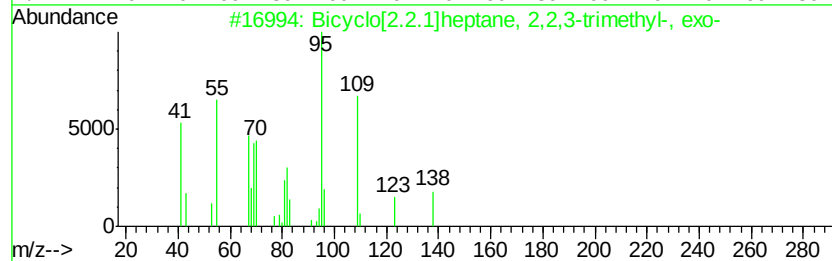
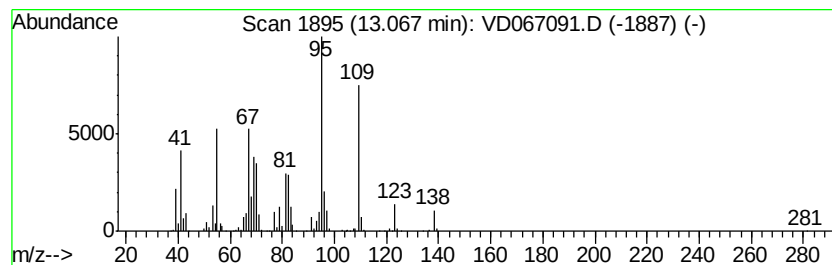
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Peak Number 5 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	53.55 ug/l	2083390	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	96
2		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	93
3		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	60
4		Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	55
5		Cyclopentane, (2-methylbutylidene)-	138	C10H18	053366-54-4	41



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
(+)-3-Carene	12.38	5.4	ug/l	217505	3	11.64	2014560	50.0
.alpha.-Pinene	12.49	10.5	ug/l	424671	3	11.64	2014560	50.0
Cyclohexene, 1-me...	12.74	5.8	ug/l	227568	4	13.58	1945380	50.0
Cyclohexane, 1-me...	12.94	51.8	ug/l	2015960	4	13.58	1945380	50.0
Bicyclo[2.2.1]hep...	13.07	53.5	ug/l	2083390	4	13.58	1945380	50.0