

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051119\
Data File : VF062478.D
Acq On : 12 May 2019 1:03
Operator : FY/SY
Sample : K2733-16
Misc : 5.92g/5mL/MSVOA_F/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS003-0612-01

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_X\METHOD\82F050619S.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	4.318	378	384	394	rBV	142462	446105	4.70%	1.922%
2	5.068	450	460	470	rBV2	316485	1062239	11.18%	4.576%
3	5.787	528	533	543	rBV	323099	844888	8.89%	3.639%
4	7.719	723	729	742	rVB	288934	705925	7.43%	3.041%
5	9.917	944	952	958	rBV	380949	879649	9.26%	3.789%
6	10.785	1034	1040	1048	rBV	112816	301241	3.17%	1.298%
7	10.962	1052	1058	1077	rVB	4243063	9499615	100.00%	40.920%
8	11.317	1089	1094	1104	rVB	1353582	2597635	27.34%	11.190%
9	11.504	1109	1113	1119	rVB	311016	498650	5.25%	2.148%
10	11.751	1133	1138	1148	rBV	1412492	2621678	27.60%	11.293%
11	12.352	1195	1199	1206	rBV	1571707	2303807	24.25%	9.924%
12	12.490	1210	1213	1214	rVV	111820	153203	1.61%	0.660%
13	12.520	1214	1216	1222	rVV	280495	439927	4.63%	1.895%
14	12.618	1222	1226	1229	rVV	562802	860270	9.06%	3.706%

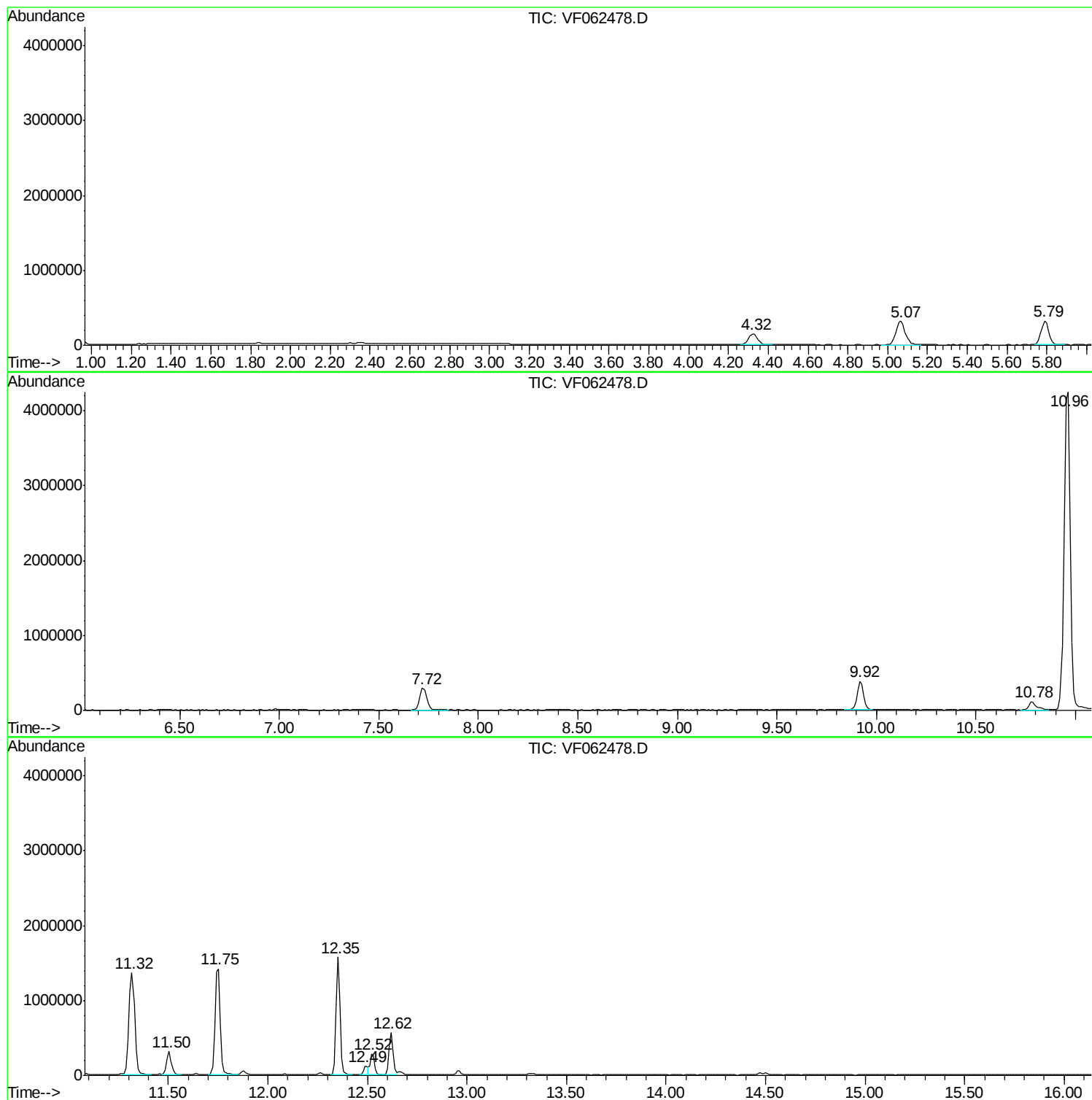
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Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_F\DATA\VF051119\
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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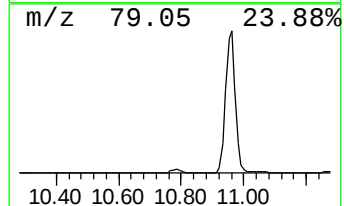
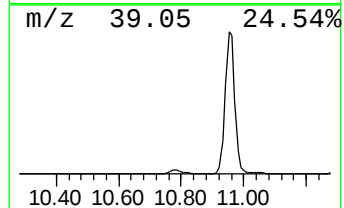
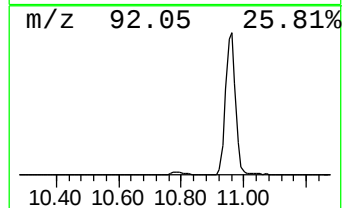
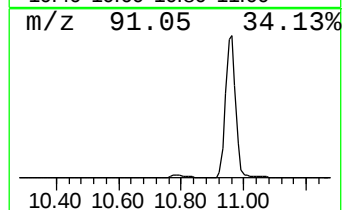
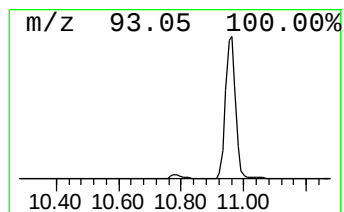
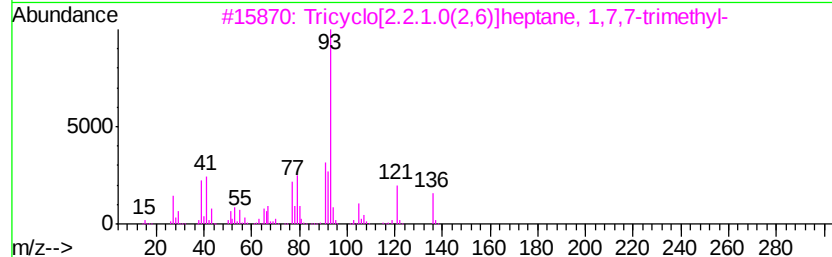
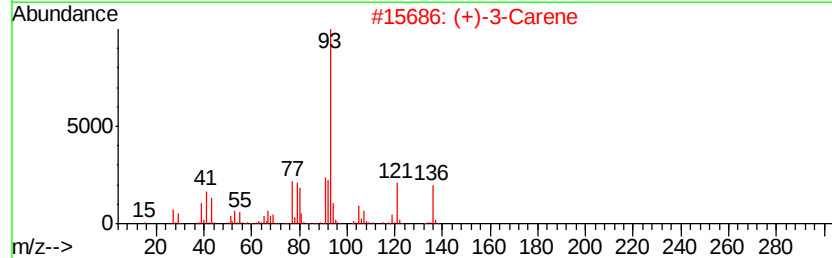
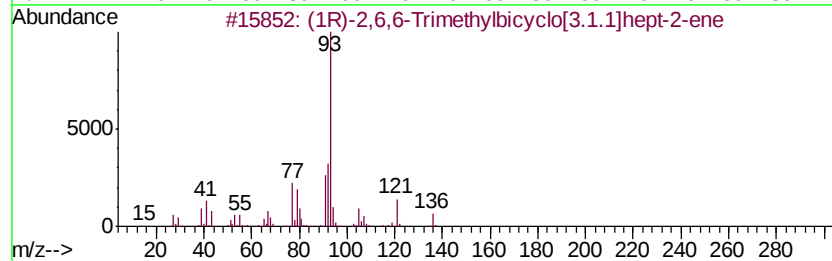
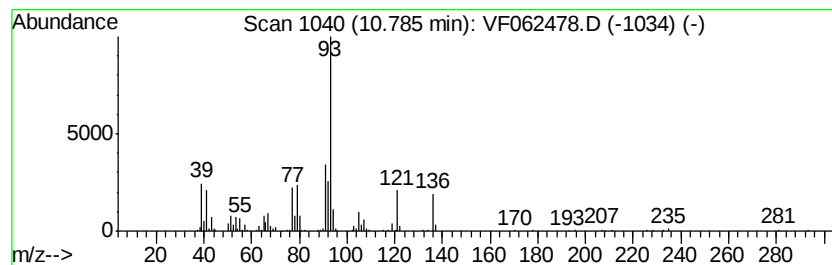
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260

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

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	17.12 ug/l	301241	Chlorobenzene-d5	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	96
2		(+)-3-Carene	136	C10H16	000498-15-7	94
3		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	94
4		3-Carene	136	C10H16	013466-78-9	94
5		(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	93



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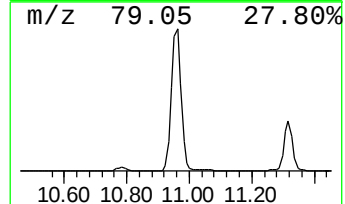
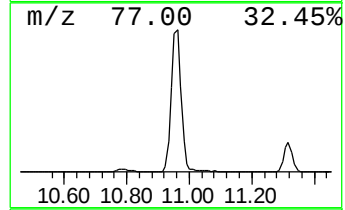
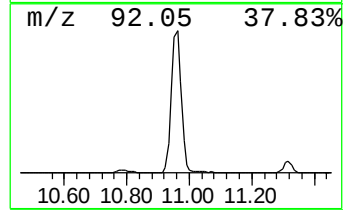
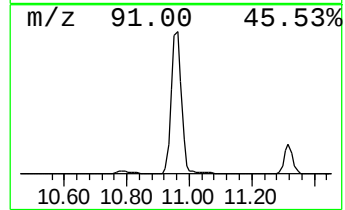
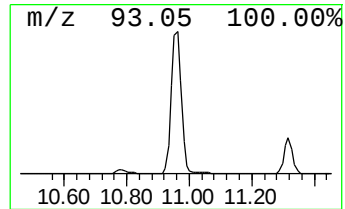
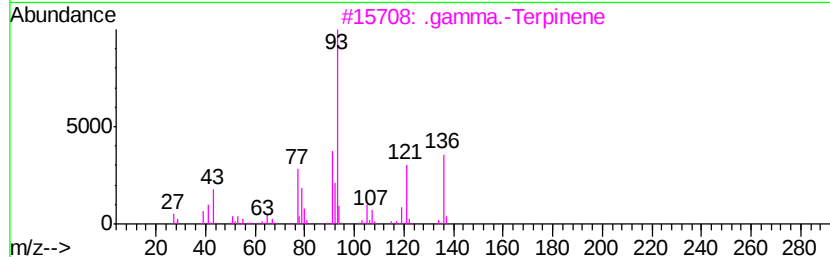
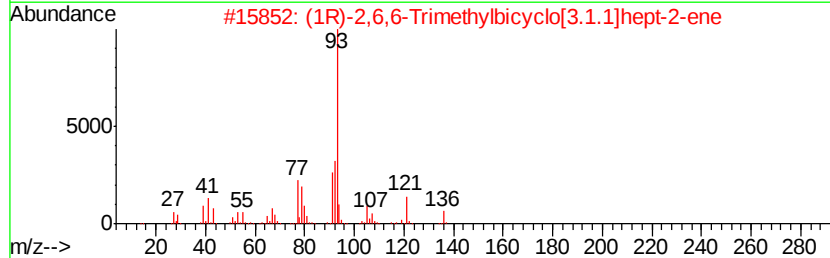
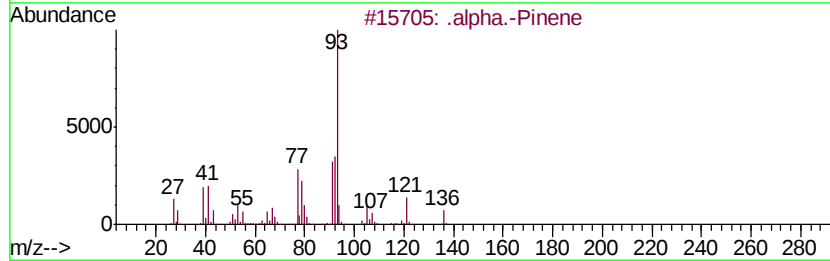
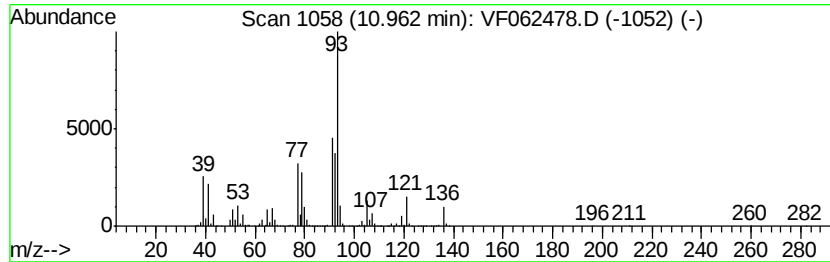
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TIC Integration Parameters: LSCINT.P

Peak Number 2 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.96	539.97 ug/l	9499620	Chlorobenzene-d5	9.92	
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	97
3	.gamma.-Terpinene	136	C10H16	000099-85-4	95
4	(+)-3-Carene	136	C10H16	000498-15-7	94
5	(+)-4-Carene	136	C10H16	029050-33-7	91



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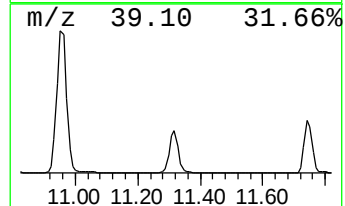
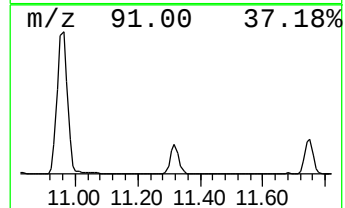
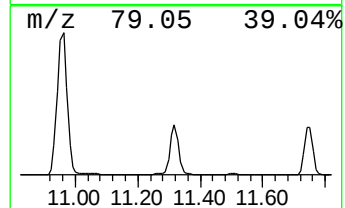
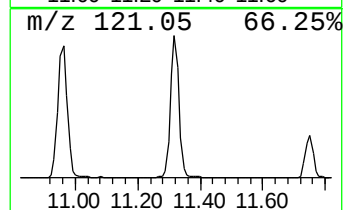
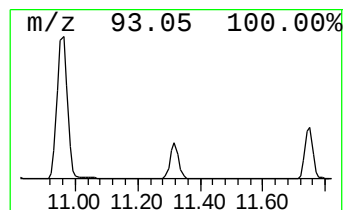
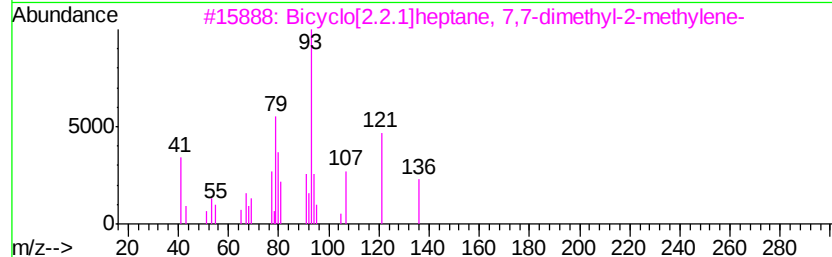
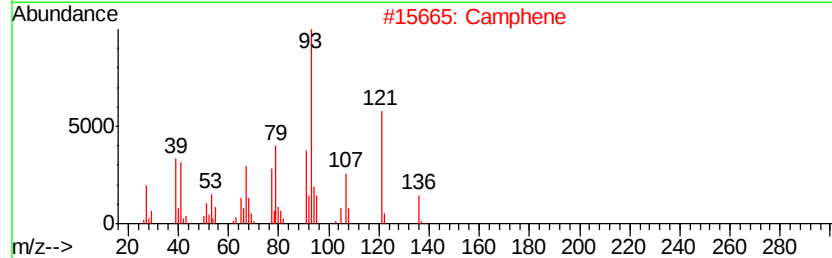
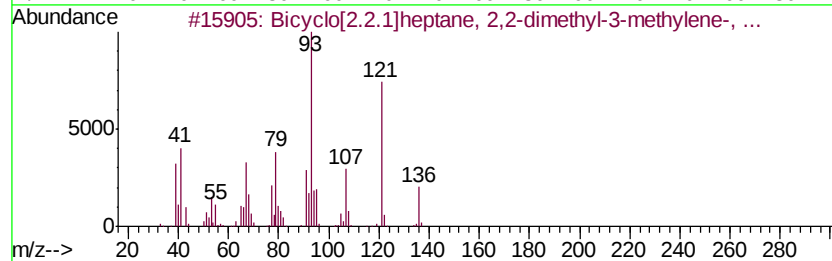
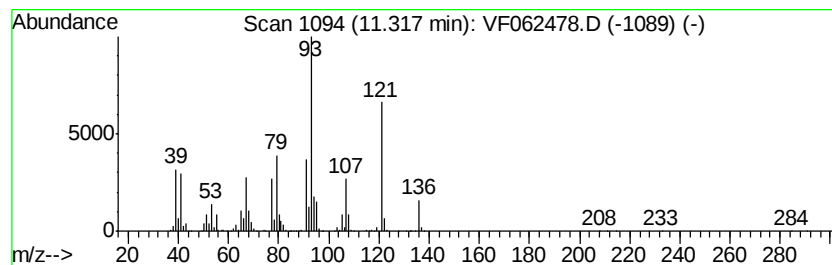
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Peak Number 3 Bicyclo[2.2.1]heptane, 2,2-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	150.98 ug/l	2597640	1,4-Dichlorobenzene-d4	12.62
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	Bicyclo[2.2.1]heptane, 7,7-dimet...	136 C10H16	000471-84-1	87
4	Cyclohexene, 3-methyl-6-(1-methy...	136 C10H16	000586-63-0	80
5	Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136 C10H16	000464-17-5	74



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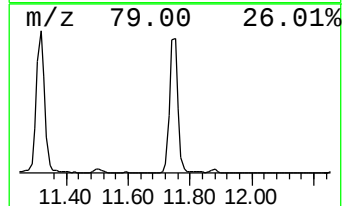
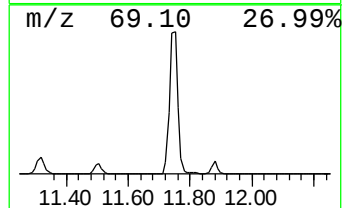
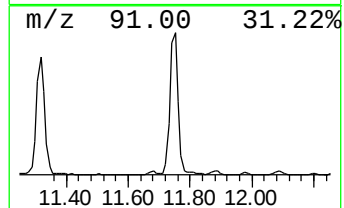
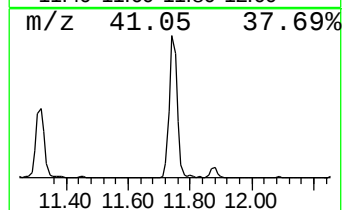
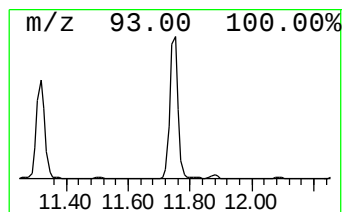
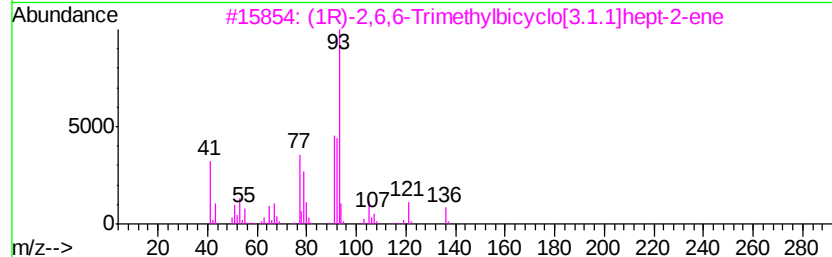
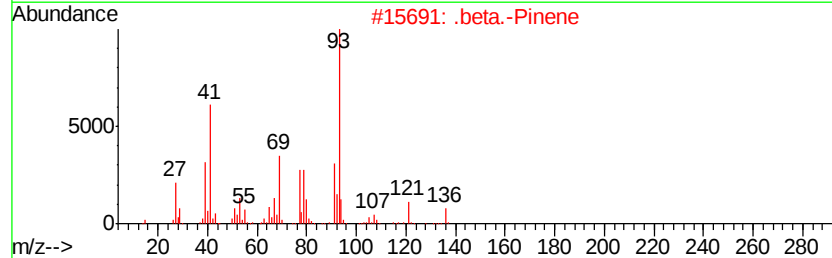
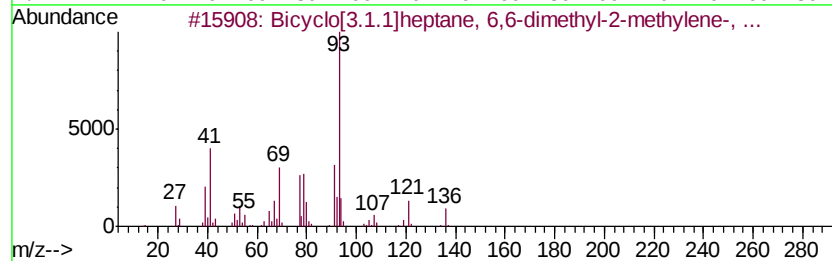
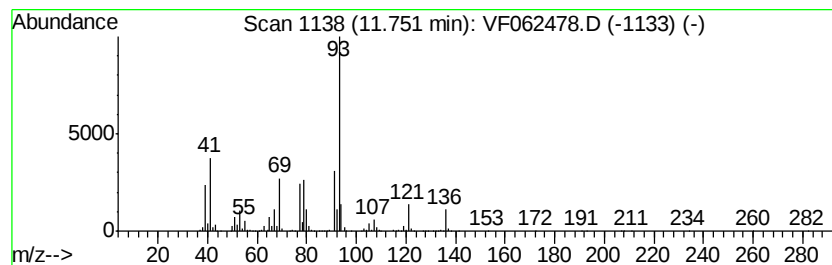
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Peak Number 4 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	152.38 ug/l	2621680	1,4-Dichlorobenzene-d4	12.62
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	96
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136 C10H16	007785-70-8	94
4	.alpha.-Pinene	136 C10H16	000080-56-8	93
5	Cyclohexene, 4-methylene-1-(1-me...	136 C10H16	000099-84-3	91



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	10.78	17.1	ug/l	301241	3	9.92	879649	50.0
.alpha.-Pinene	10.96	540.0	ug/l	9499620	3	9.92	879649	50.0
Bicyclo[2.2.1]hep...	11.32	151.0	ug/l	2597640	4	12.62	860270	50.0
Bicyclo[3.1.1]hep...	11.75	152.4	ug/l	2621680	4	12.62	860270	50.0