

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\
Data File : VD067089.D
Acq On : 05 Oct 2020 17:47
Operator : VA/SY
Sample : L4242-07
Misc : 7.22G/5.00ml/MSVOA D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PAV-B24-100120-17-18

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	rBV	352743	835832	2.03%	1.111%
2	7.979	1024	1030	1041	rVB	612585	1397351	3.39%	1.858%
3	8.332	1080	1090	1102	rBV	289205	644230	1.56%	0.856%
4	8.861	1171	1180	1197	rBV	894179	1805682	4.38%	2.400%
5	10.338	1423	1431	1441	rBV	1367530	2474373	6.00%	3.289%
6	11.643	1646	1653	1667	rVB	1225143	2100194	5.09%	2.792%
7	12.385	1771	1779	1787	rBV	355538	645588	1.57%	0.858%
8	12.491	1787	1797	1813	rBV	23525333	41237501	100.00%	54.819%
9	12.638	1814	1822	1827	rBV	934752	1576721	3.82%	2.096%
10	12.702	1827	1833	1835	rVV	964553	1676629	4.07%	2.229%
11	12.738	1835	1839	1847	rVB	2537388	4344076	10.53%	5.775%
12	12.943	1860	1874	1885	rBV2	790801	1634386	3.96%	2.173%
13	13.055	1885	1893	1906	rVB3	641889	1722176	4.18%	2.289%
14	13.520	1960	1972	1978	rBV	6761040	11196836	27.15%	14.885%
15	13.579	1978	1982	1990	rVB	1200767	1932766	4.69%	2.569%

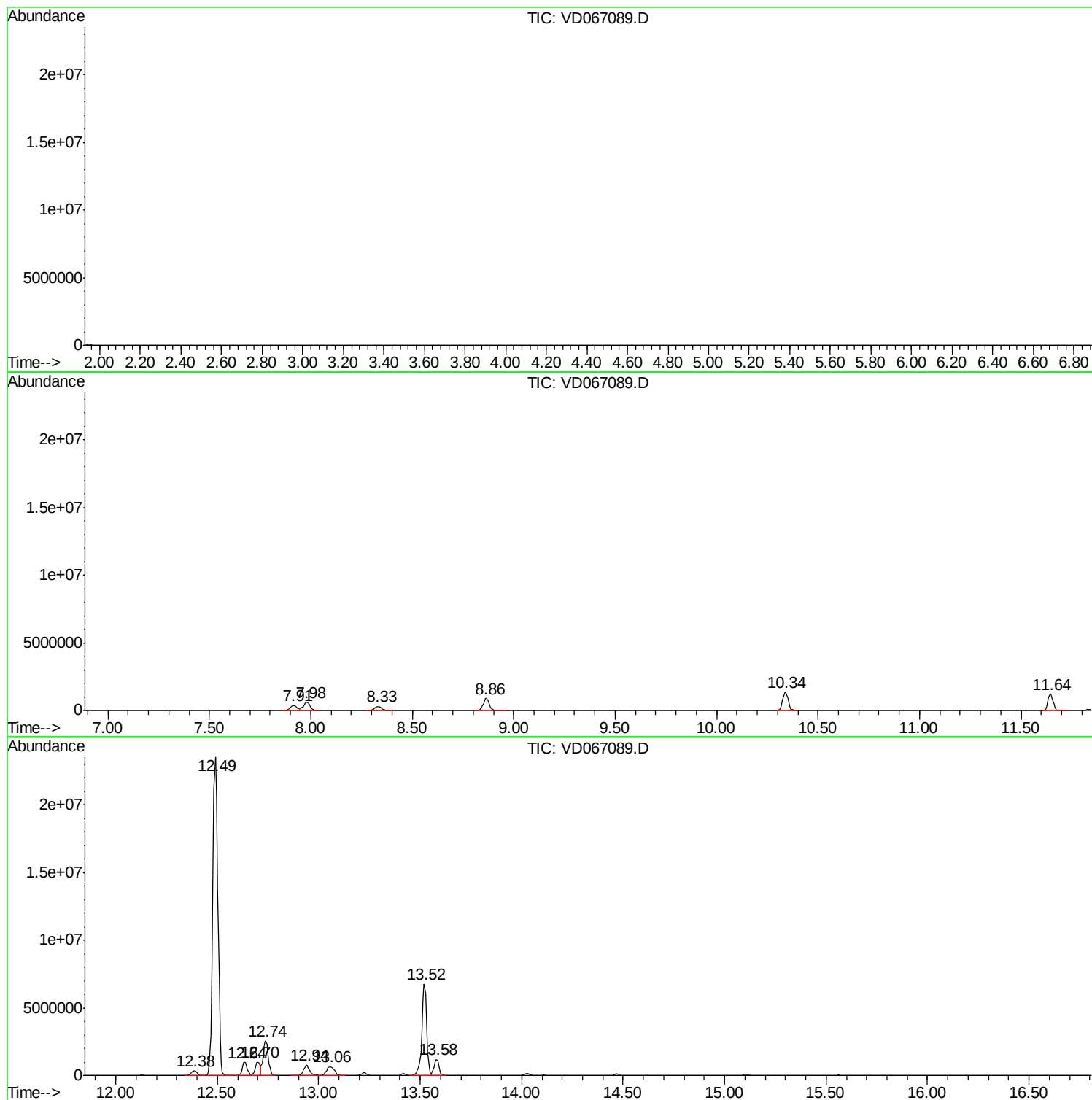
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260

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



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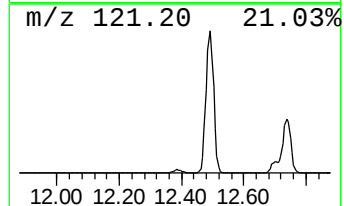
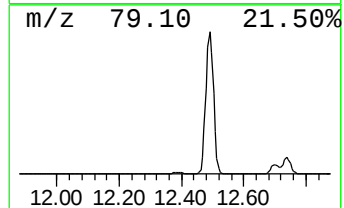
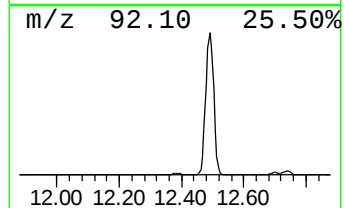
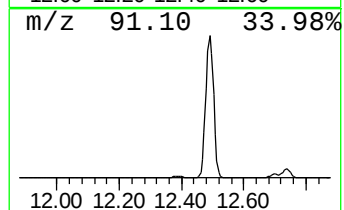
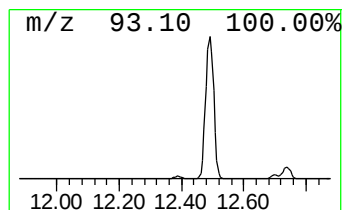
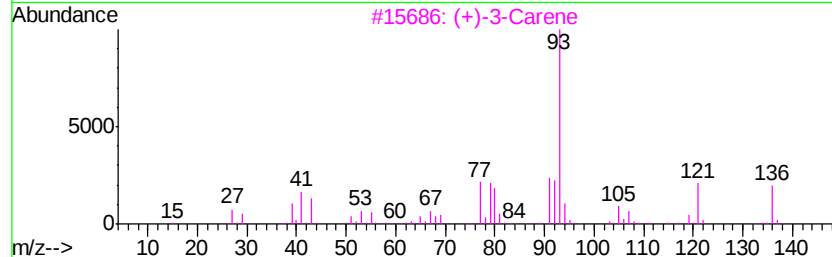
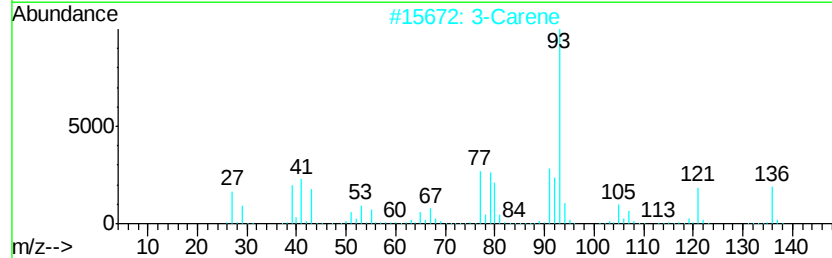
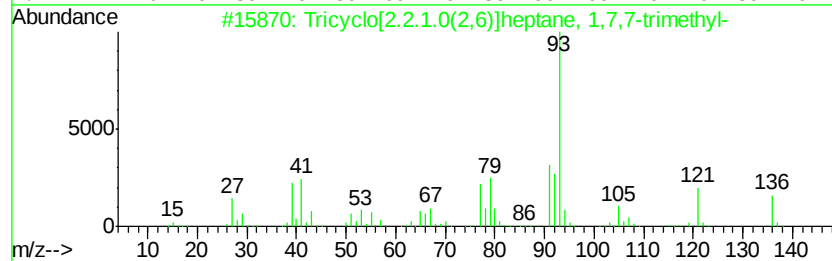
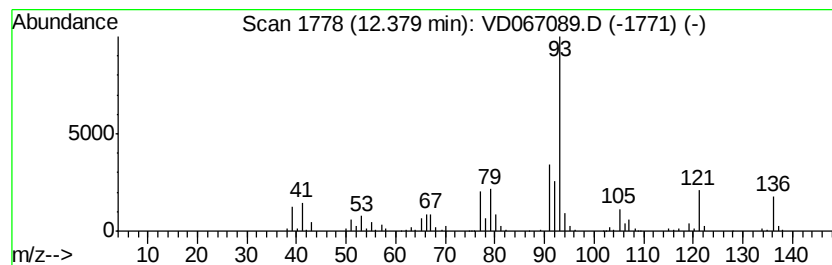
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260

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

Peak Number 1 Tricyclo[2.2.1.0(2,6)]hepta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	15.37 ug/l	645588	Chlorobenzene-d5	11.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	96
2		3-Carene	136	C10H16	013466-78-9	91
3		(+)-3-Carene	136	C10H16	000498-15-7	91
4		(+)-4-Carene	136	C10H16	029050-33-7	91
5		(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	90



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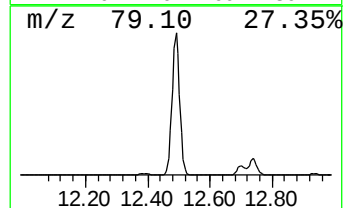
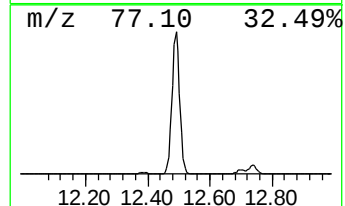
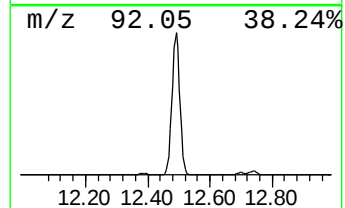
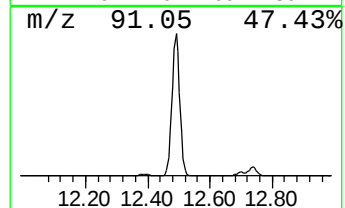
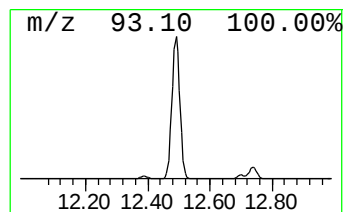
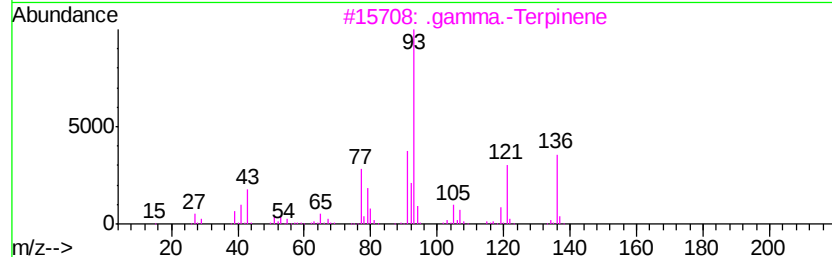
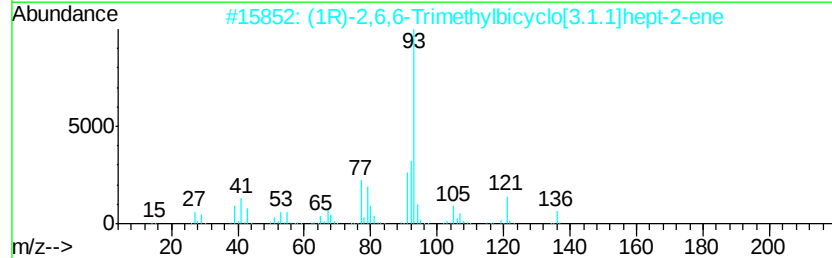
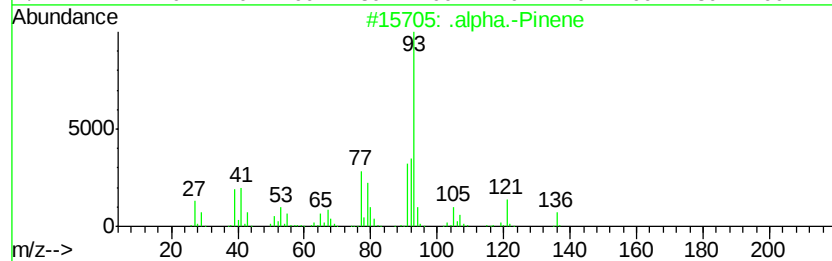
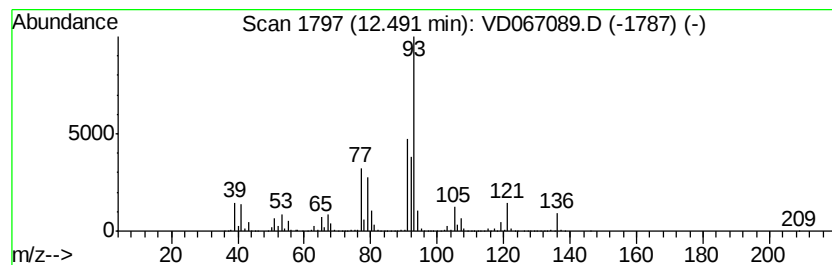
Instrument :
MSVOA_D
ClientSampleId :
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Quant Title : SW846 8260

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

Peak Number 2 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.49	981.76 ug/l	41237500	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]heptane, 1,2,3-trimethyl-	136	C10H16	007785-70-8	95
3		.gamma.-Terpinene	136	C10H16	000099-85-4	93
4		Tricyclo[2.2.1.0(2,6)]heptane, 1,2,3-trimethyl-	136	C10H16	000508-32-7	91
5		Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	91



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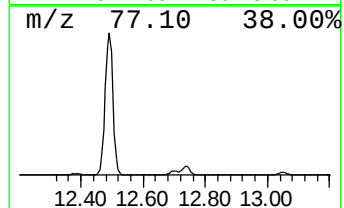
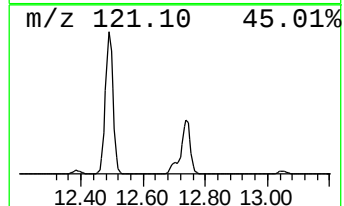
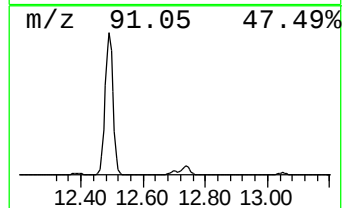
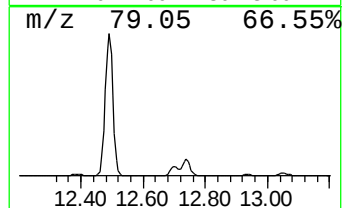
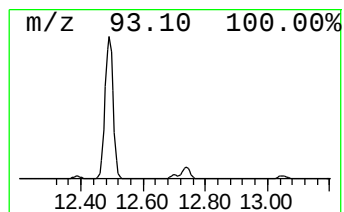
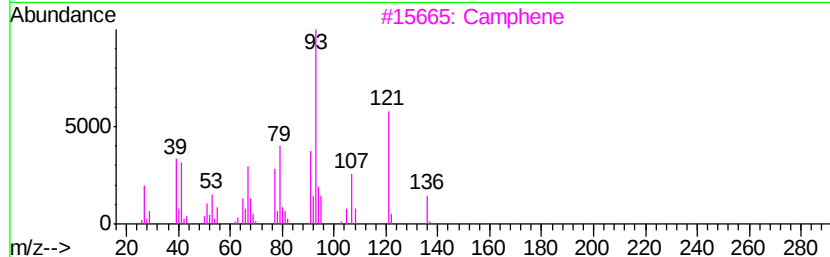
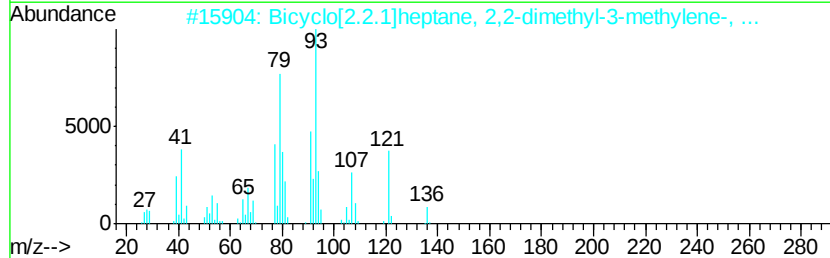
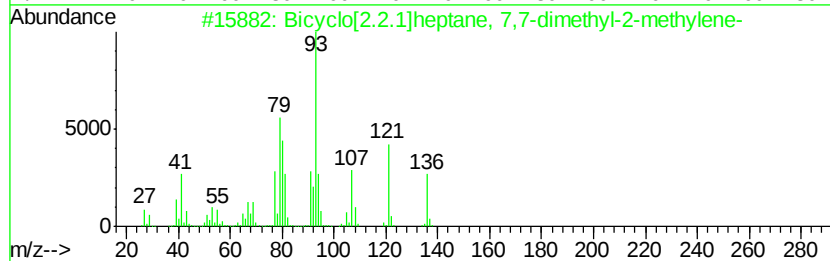
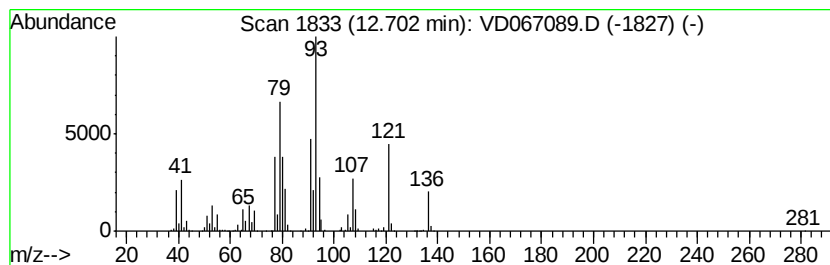
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Bicyclo[2.2.1]heptane, 7,7-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	43.37 ug/l	1676630	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[2.2.1]heptane, 7,7-dimet...	136 C10H16	000471-84-1 97
2		Bicyclo[2.2.1]heptane, 2,2-dimet...	136 C10H16	005794-03-6 91
3		Camphene	136 C10H16	000079-92-5 86
4		Bicyclo[4.1.0]heptane, 7-(1-meth...	136 C10H16	053282-47-6 80
5		2,4,6-Trimethyl-1,3,6-heptatriene	136 C10H16	024648-33-7 72



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Instrument :
MSVOA_D
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PAV-B24-100120-17-18

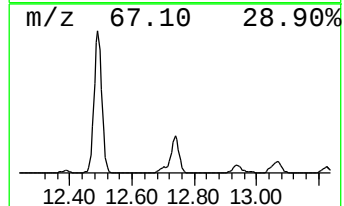
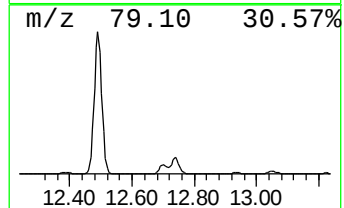
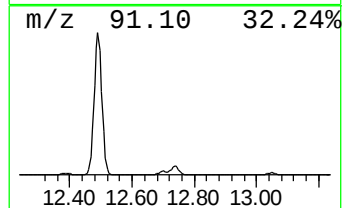
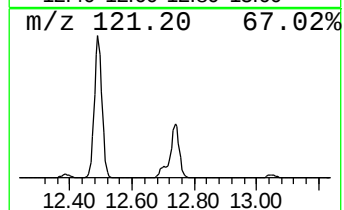
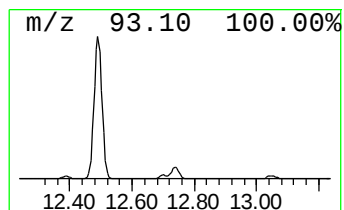
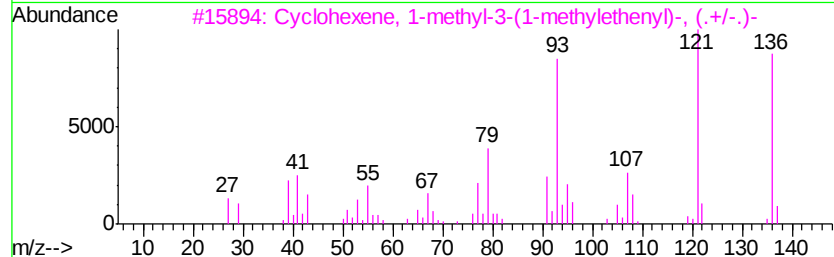
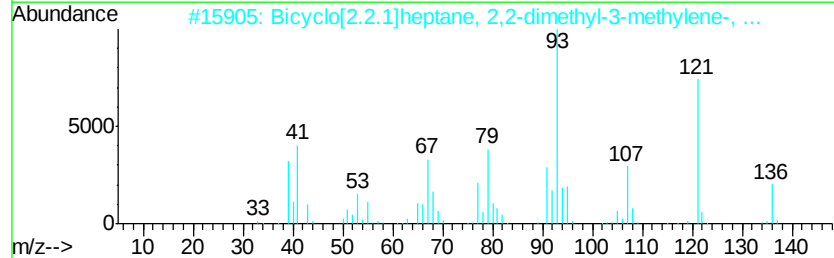
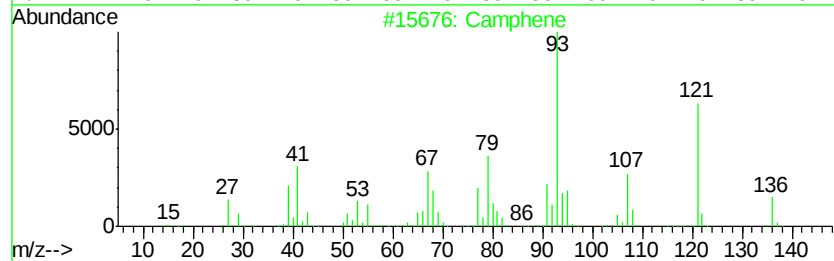
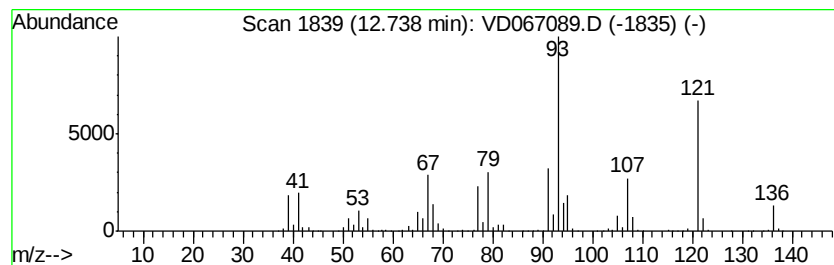
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Camphene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	112.38 ug/l	4344080	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Camphene	136	C10H16	000079-92-5	94
2		Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	91
3		Cyclohexene, 1-methyl-3-(1-methyl...	136	C10H16	000499-03-6	87
4		.beta.-Pinene	136	C10H16	000127-91-3	72
5		2-Carene	136	C10H16	000554-61-0	72



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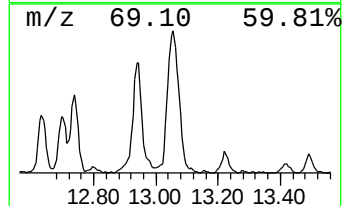
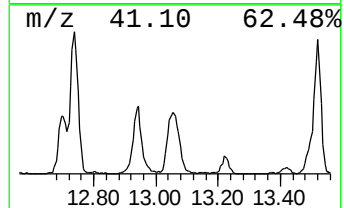
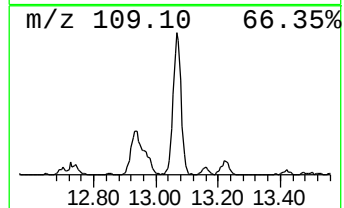
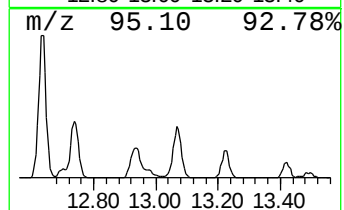
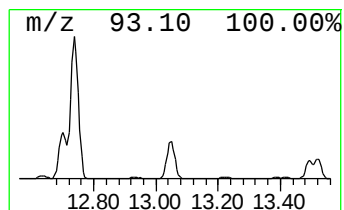
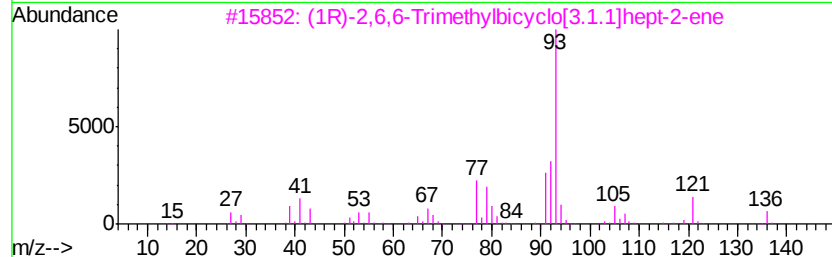
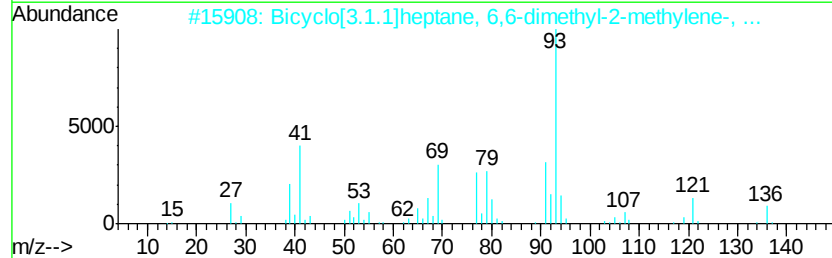
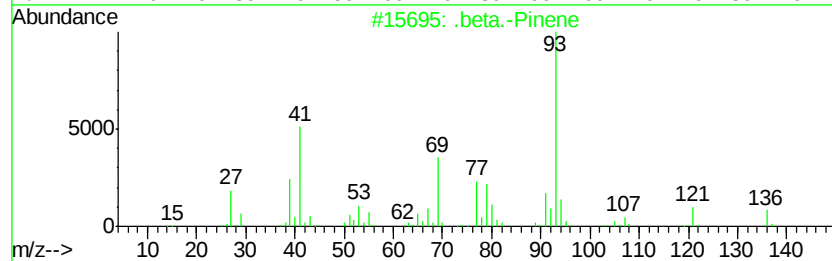
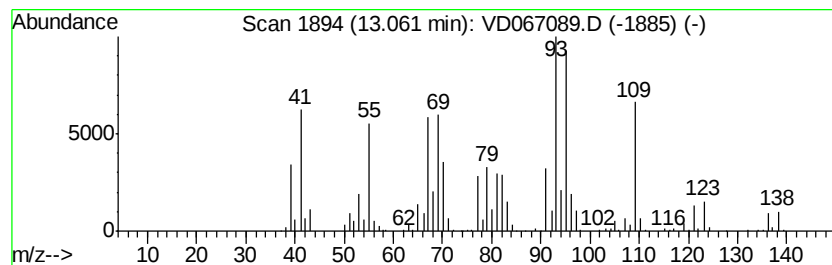
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 .beta.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	44.55 ug/l	1722180	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Pinene	136 C10H16	000127-91-3 93
2		Bicyclo[3.1.1]heptane, 6,6-dimet...	136 C10H16	018172-67-3 78
3		(1R)-2,6,6-Trimethylbicyclo[3.1....	136 C10H16	007785-70-8 60
4		.alpha.-Pinene	136 C10H16	000080-56-8 60
5		Bicyclo[3.1.0]hexane, 4-methylen...	136 C10H16	003387-41-5 58



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tricyclo[2.2.1.0(...	12.38	15.4	ug/l	645588	3	11.64	2100190	50.0
.alpha.-Pinene	12.49	981.8	ug/l	41237500	3	11.64	2100190	50.0
Bicyclo[2.2.1]hep...	12.70	43.4	ug/l	1676630	4	13.58	1932770	50.0
Camphene	12.74	112.4	ug/l	4344080	4	13.58	1932770	50.0
Cyclohexane, 1-me...	12.94	42.3	ug/l	1634390	4	13.58	1932770	50.0
.beta.-Pinene	13.06	44.5	ug/l	1722180	4	13.58	1932770	50.0