

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005486.D
 Acq On : 18 Sep 2018 18:21
 Operator : SY/AP
 Sample : J4945-01
 Misc : 1.19G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RB47195RT

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_W\METHOD\82W091618S.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	12.341	1704	1712	1726	rBV	4207058	7620858	3.97%	3.152%
2	12.481	1726	1735	1744	rBV2	95470296	191893299	100.00%	79.366%
3	12.725	1765	1775	1781	rBV	3965345	6908403	3.60%	2.857%
4	12.963	1804	1814	1819	rBV	3240146	5929574	3.09%	2.452%
5	13.036	1819	1826	1833	rVB	5143526	8585685	4.47%	3.551%
6	13.475	1891	1898	1904	rBV2	5440647	8947160	4.66%	3.701%
7	13.536	1904	1908	1911	rVV	2410923	4042001	2.11%	1.672%
8	13.566	1911	1913	1919	rVB	1677049	2027219	1.06%	0.838%
9	14.005	1979	1985	1994	rBV	3885422	5827765	3.04%	2.410%

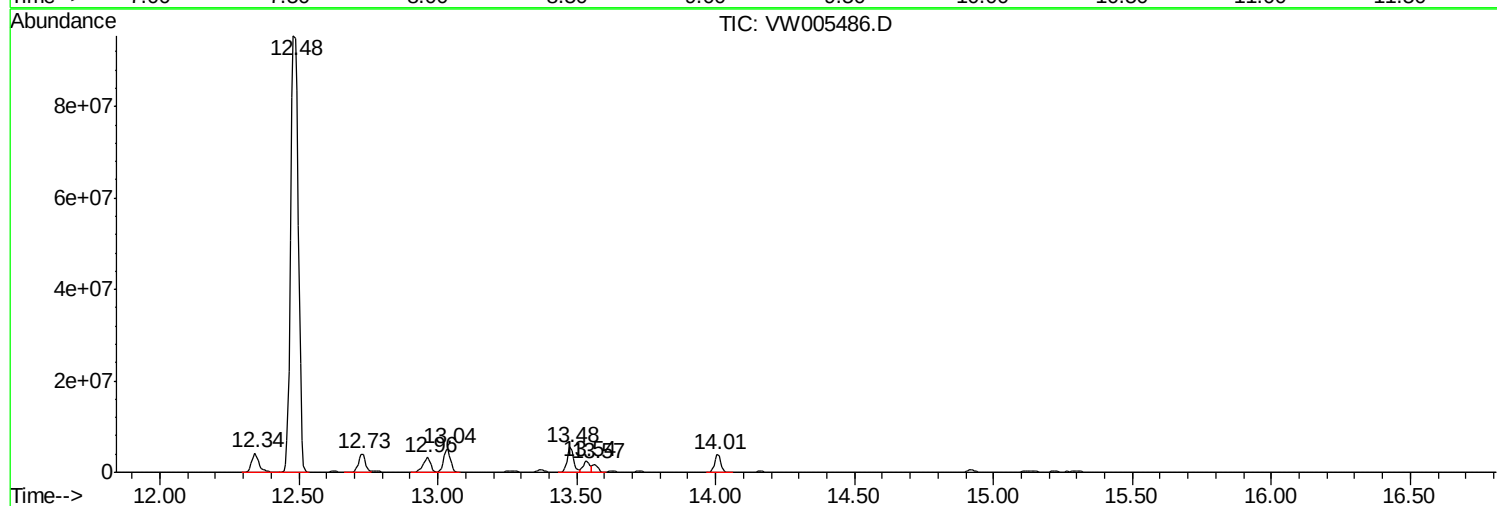
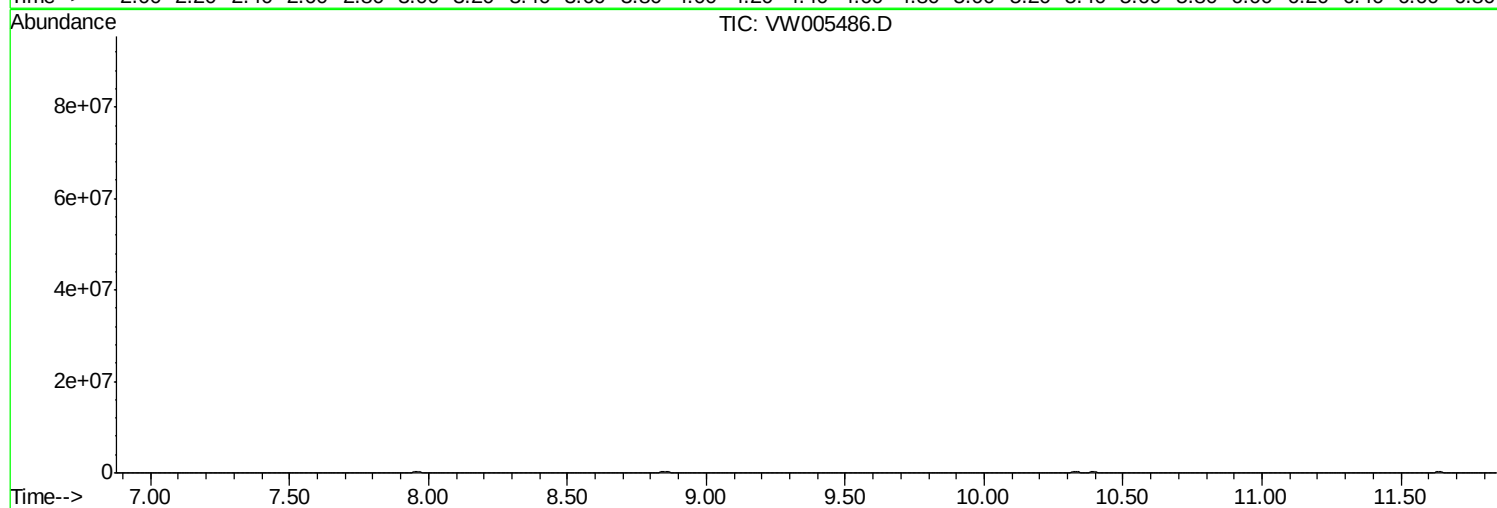
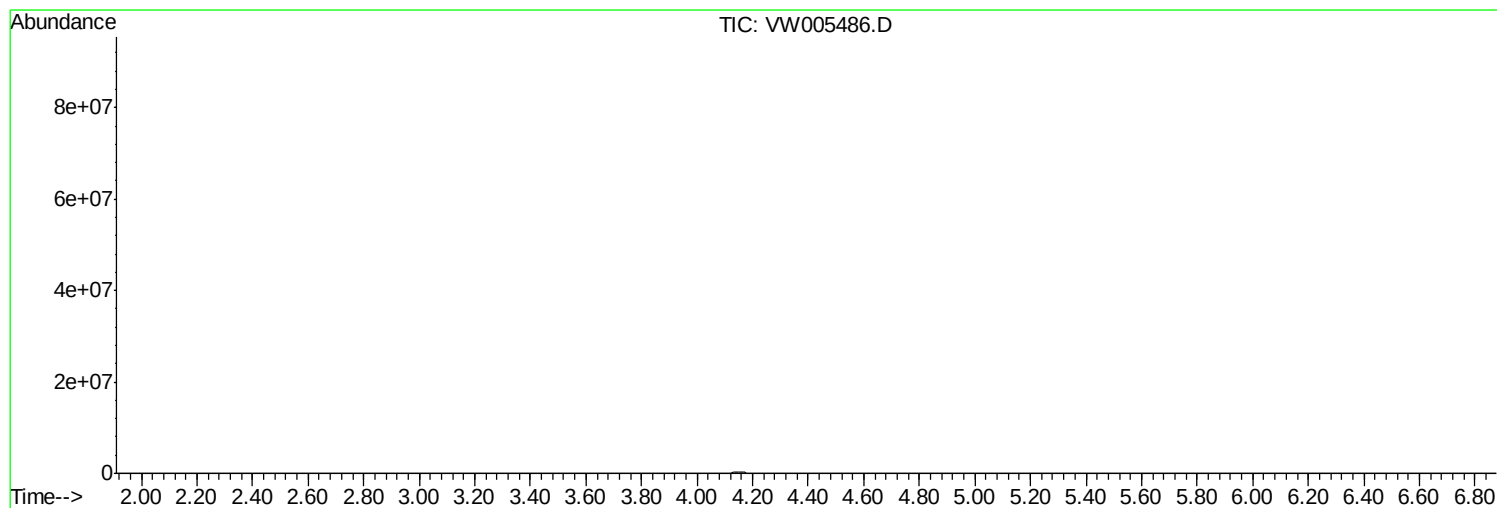
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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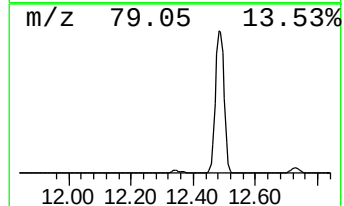
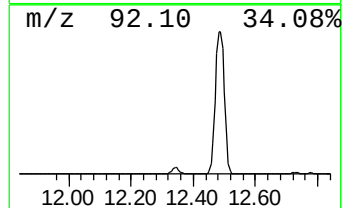
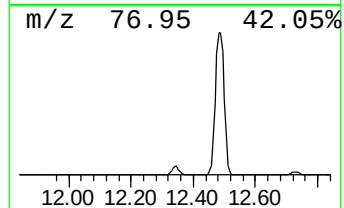
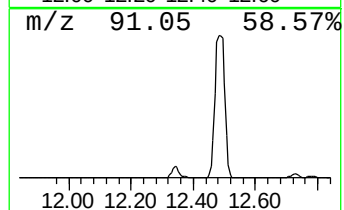
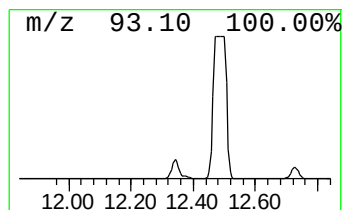
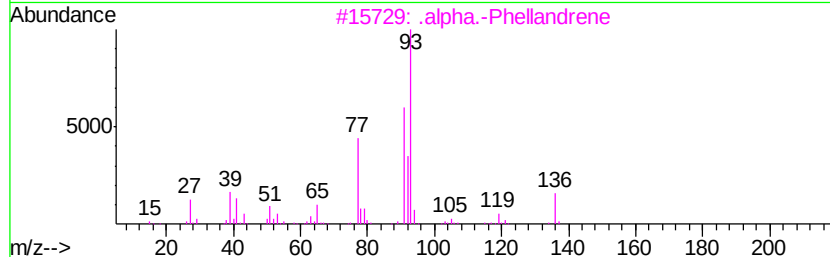
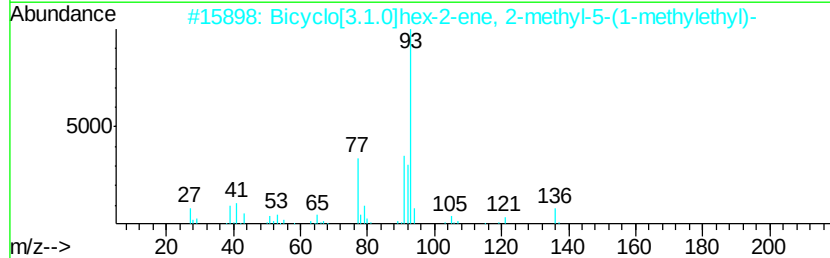
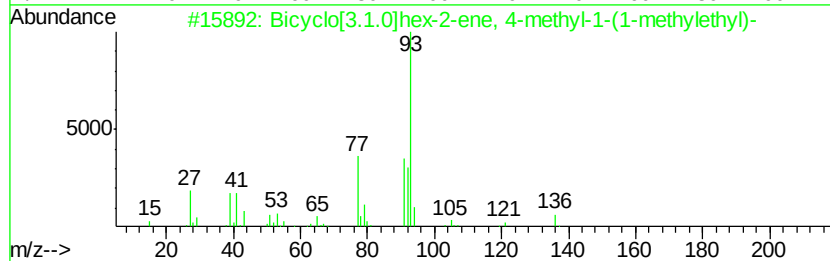
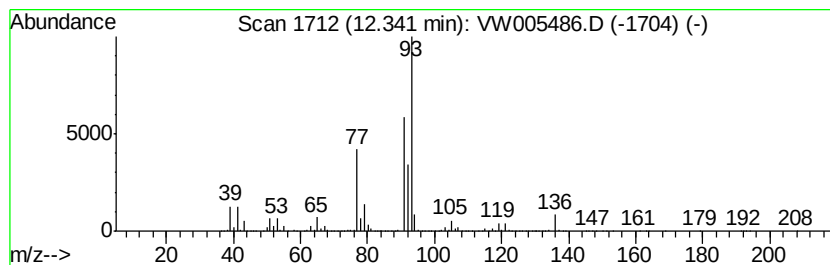
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Quant Title : SW846 8260

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

Peak Number 1 Bicyclo[3.1.0]hex-2-ene, 4-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.34	50.00 ug/l	7620860	Chlorobenzene-d5	11.64		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	93
2		Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	91
3		.alpha.-Phellandrene	136	C10H16	000099-83-2	90
4		1,3,6-Octatriene, 3,7-dimethyl-, ...	136	C10H16	003338-55-4	72
5		1,4-Methano-1H-Cyclopropa[d]pyri...	136	C8H12N2	109746-10-3	64



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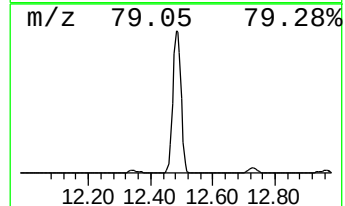
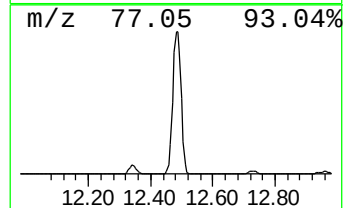
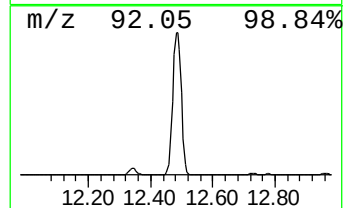
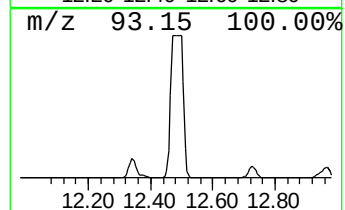
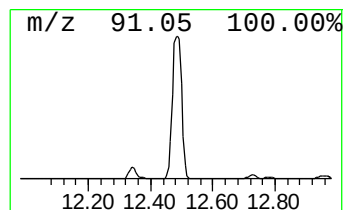
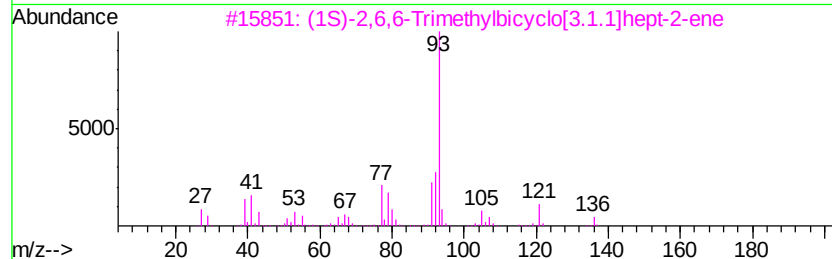
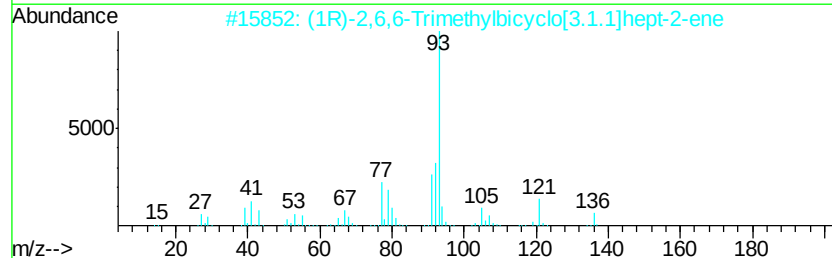
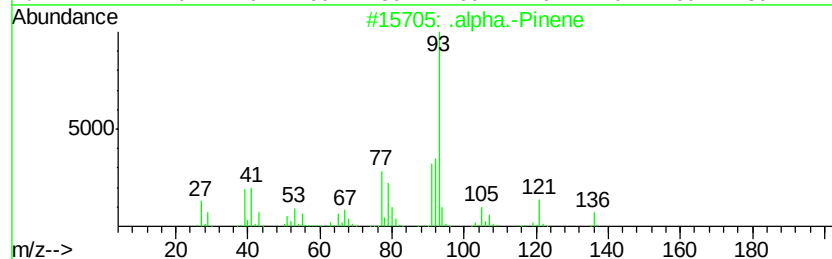
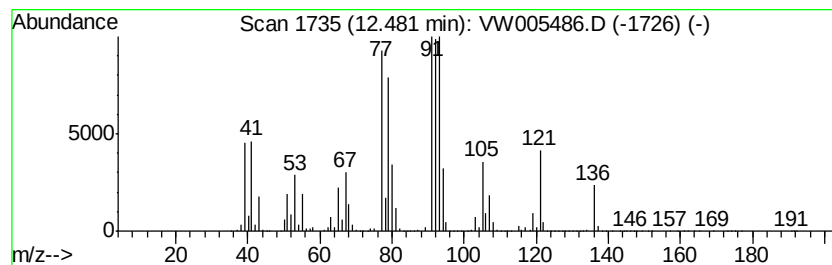
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TIC Integration Parameters: LSCINT.P

Peak Number 2 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.48	1259.00 ug/l	191893000	Chlorobenzene-d5	11.64		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Pinene	136	C10H16	000080-56-8	90
2		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	90
3		(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	90
4		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	76
5		Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	64



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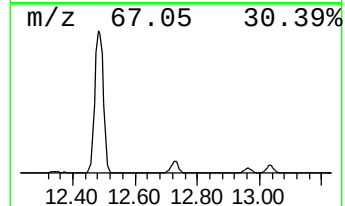
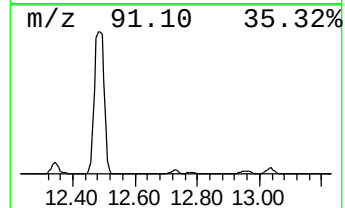
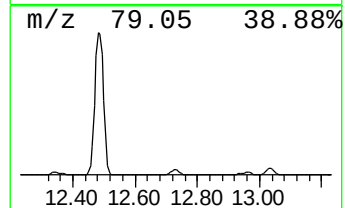
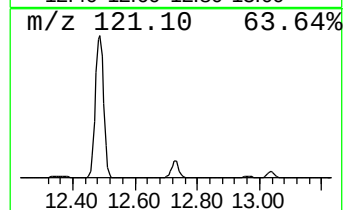
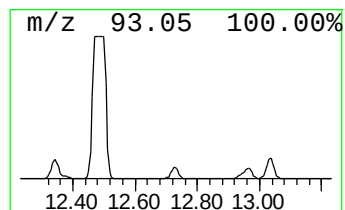
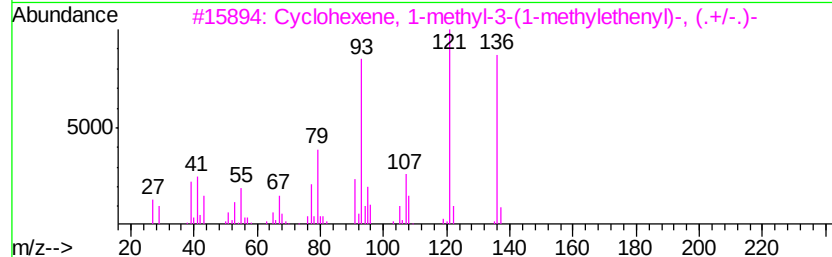
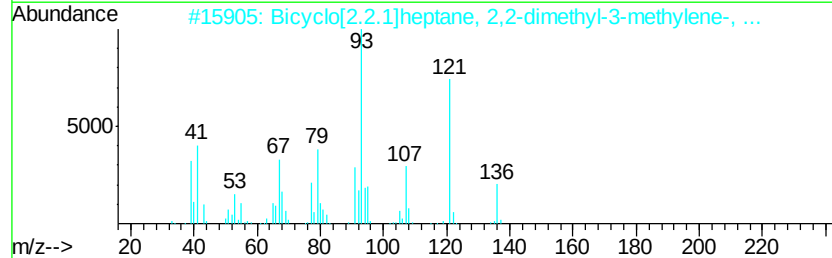
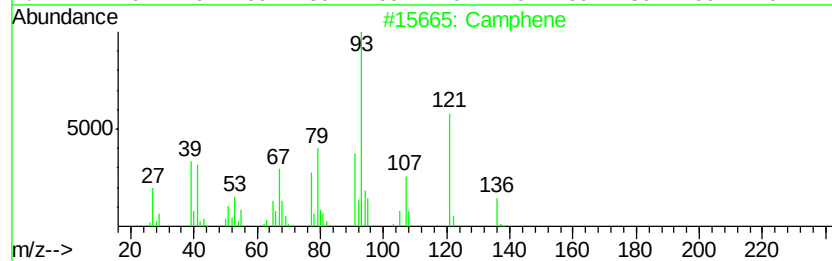
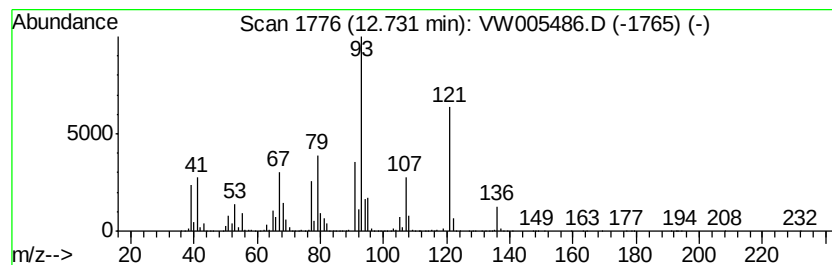
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Peak Number 3 Camphene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	170.39 ug/l	6908400	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Camphene		136 C10H16	000079-92-5 97
2	Bicyclo[2.2.1]heptane, 2,2-dimet...		136 C10H16	005794-04-7 94
3	Cyclohexene, 1-methyl-3-(1-methv...		136 C10H16	000499-03-6 91
4	1,3,6-Heptatriene, 2,5,5-trimethyl-		136 C10H16	029548-02-5 91
5	(+)-4-Carene		136 C10H16	029050-33-7 87



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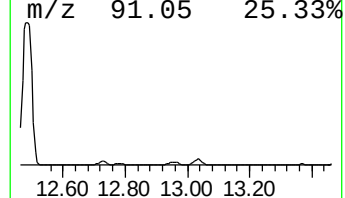
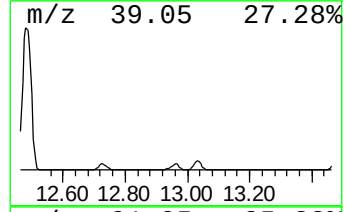
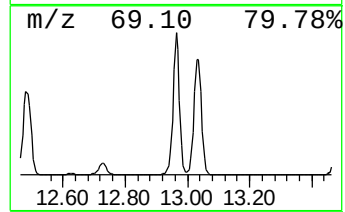
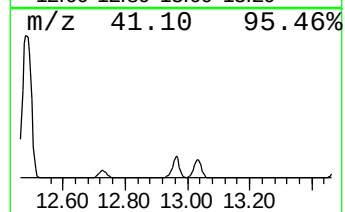
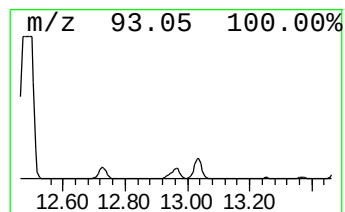
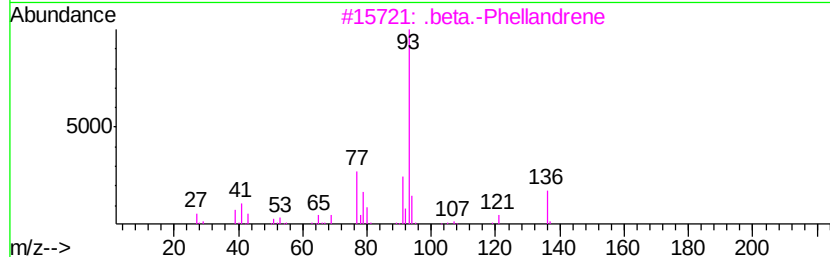
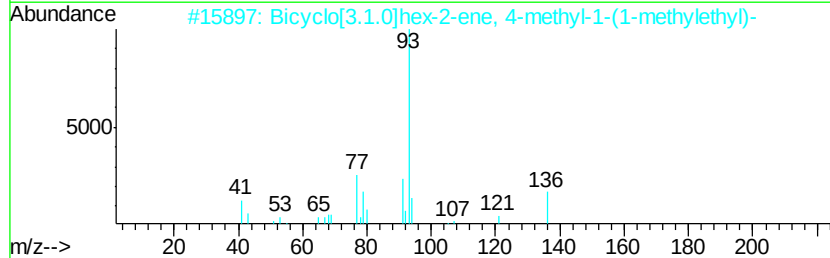
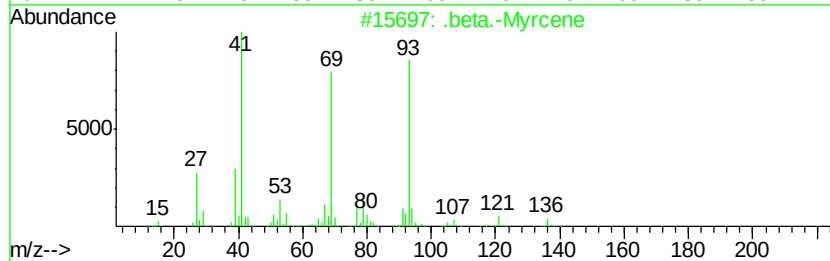
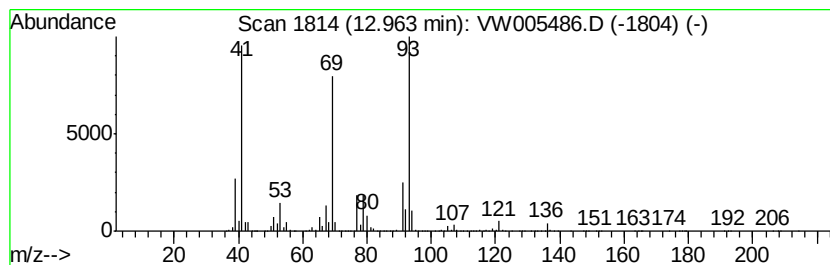
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 .beta.-Myrcene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	146.25 ug/l	5929570	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Myrcene	136	C10H16	000123-35-3	94
2		Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	53
3		.beta.-Phellandrene	136	C10H16	000555-10-2	49
4		Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	43
5		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	38



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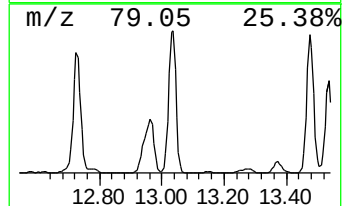
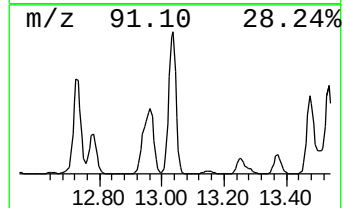
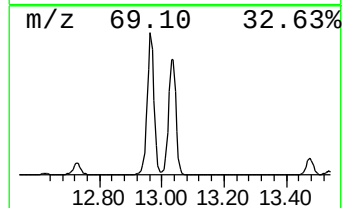
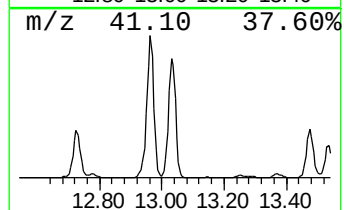
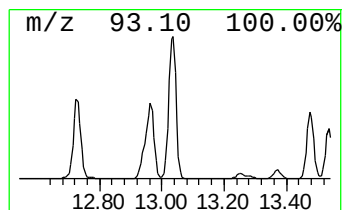
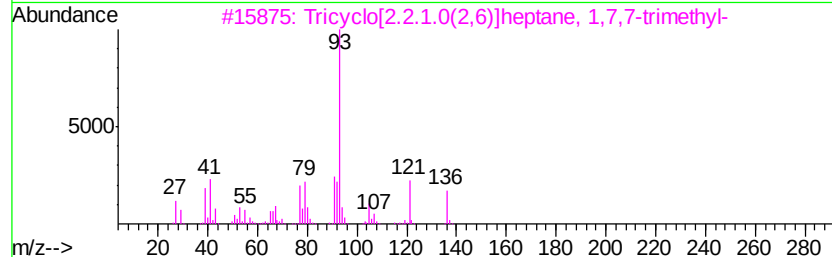
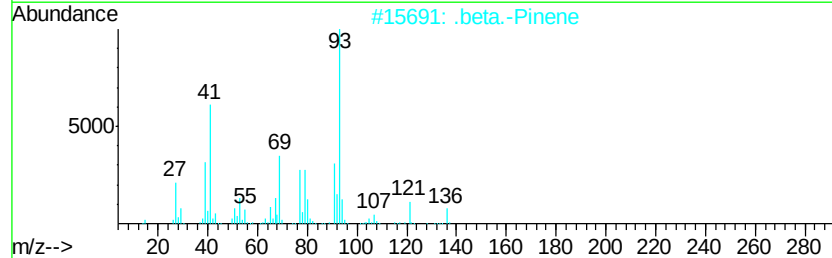
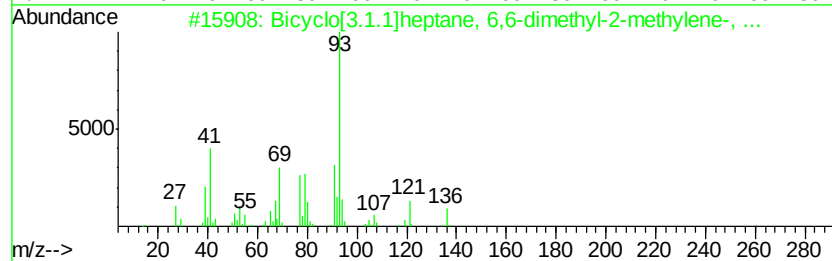
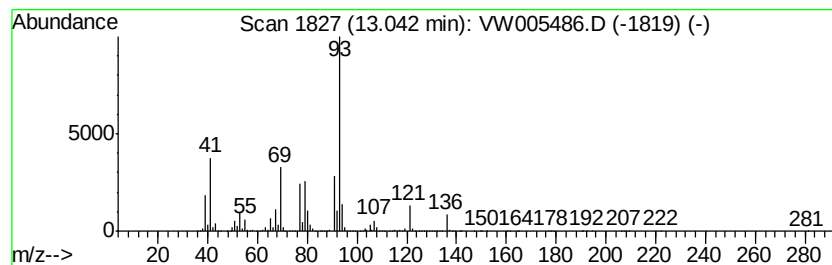
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Peak Number 5 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	211.76 ug/l	8585690	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	97
2		.beta.-Pinene	136	C10H16	000127-91-3	96
3		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4		Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
5		.alpha.-Pinene	136	C10H16	000080-56-8	87



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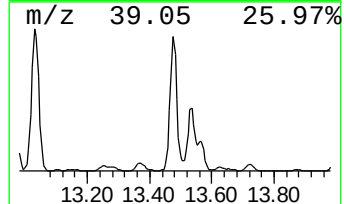
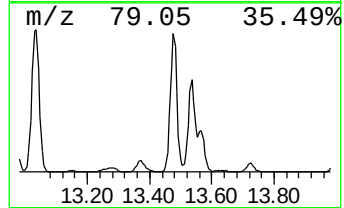
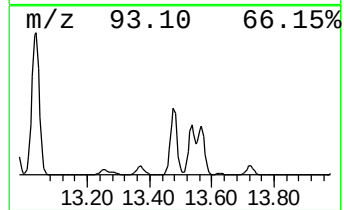
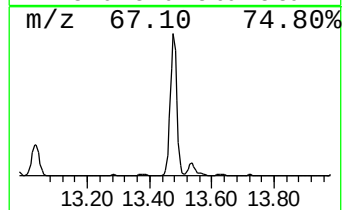
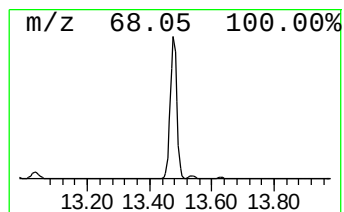
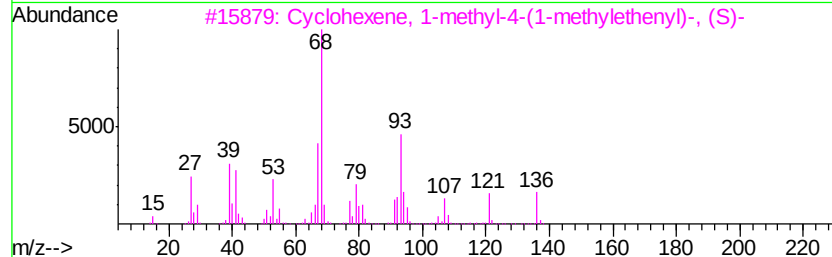
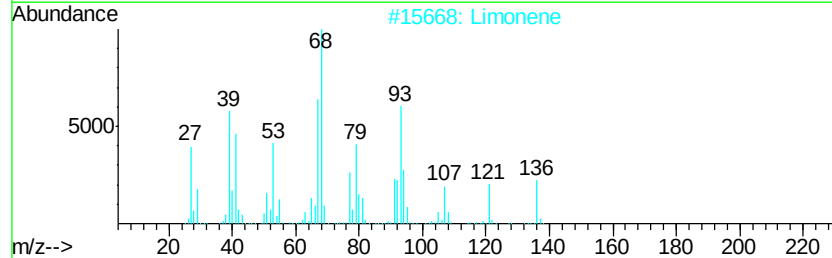
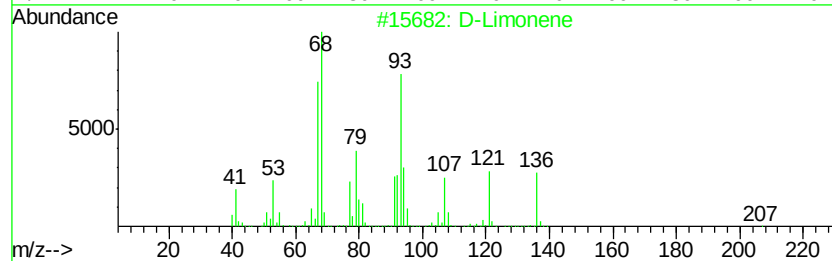
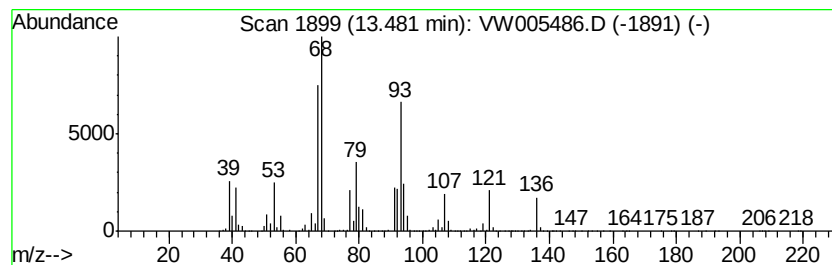
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TIC Integration Parameters: LSCINT.P

Peak Number 6 D-Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	220.68 ug/l	8947160	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	D-Limonene	136 C10H16	005989-27-5	98
2	Limonene	136 C10H16	000138-86-3	87
3	Cyclohexene, 1-methyl-4-(1-methyl-4-ethenyl)-, (S)-	136 C10H16	005989-54-8	76
4	Cyclohexanol, 1-methyl-4-(1-methyl-4-ethenyl)-, (S)-	196 C12H20O2	010198-23-9	74
5	Cyclohexene, 4-ethenyl-1,4-dimethyl-, (S)-	136 C10H16	001743-61-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
Data File : VW005486.D
Acq On : 18 Sep 2018 18:21
Operator : SY/AP
Sample : J4945-01
Misc : 1.19G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RB47195RT

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Bicyclo[3.1.0]hex...	12.34	50.0	ug/l	7620860	3	11.64	7620860	50.0
.alpha.-Pinene	12.48	1259.0	ug/l	191893000	3	11.64	7620860	50.0
Camphene	12.73	170.4	ug/l	6908400	4	13.57	2027220	50.0
.beta.-Myrcene	12.96	146.3	ug/l	5929570	4	13.57	2027220	50.0
Bicyclo[3.1.1]hep...	13.04	211.8	ug/l	8585690	4	13.57	2027220	50.0
D-Limonene	13.48	220.7	ug/l	8947160	4	13.57	2027220	50.0
Cyclohexene, 1-me...	14.01	143.7	ug/l	5827770	4	13.57	2027220	50.0