

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052621\
 Data File : VY004878.D
 Acq On : 26 May 2021 11:58
 Operator : SY/MD
 Sample : M2500-01
 Misc : 4.89G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-052421

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_Y\methods\82Y051021S.M

Title : SW846 8260

Signal : TIC: VY004878.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.728	959	969	974	rBV	127737	301682	3.84%	1.406%
2	7.795	974	980	994	rVB	208517	472004	6.00%	2.199%
3	8.149	1028	1038	1050	rBV	144955	317615	4.04%	1.480%
4	8.697	1119	1128	1139	rBV	357029	686426	8.73%	3.198%
5	10.185	1363	1372	1379	rBV	579596	981805	12.48%	4.574%
6	11.489	1579	1586	1596	rBV	506985	829974	10.55%	3.867%
7	12.337	1717	1725	1734	rBV	4924993	7515825	95.54%	35.017%
8	12.483	1742	1749	1757	rBV3	571418	1024597	13.03%	4.774%
9	12.587	1757	1766	1772	rBV	174424	286307	3.64%	1.334%
10	12.831	1794	1806	1809	rBV2	49011	94754	1.20%	0.441%
11	12.892	1809	1816	1832	rVB	5085542	7866283	100.00%	36.650%
12	13.148	1852	1858	1867	rVB2	50173	103320	1.31%	0.481%
13	13.343	1884	1890	1898	rBV2	108146	197866	2.52%	0.922%
14	13.428	1898	1904	1910	rVB	502560	784978	9.98%	3.657%

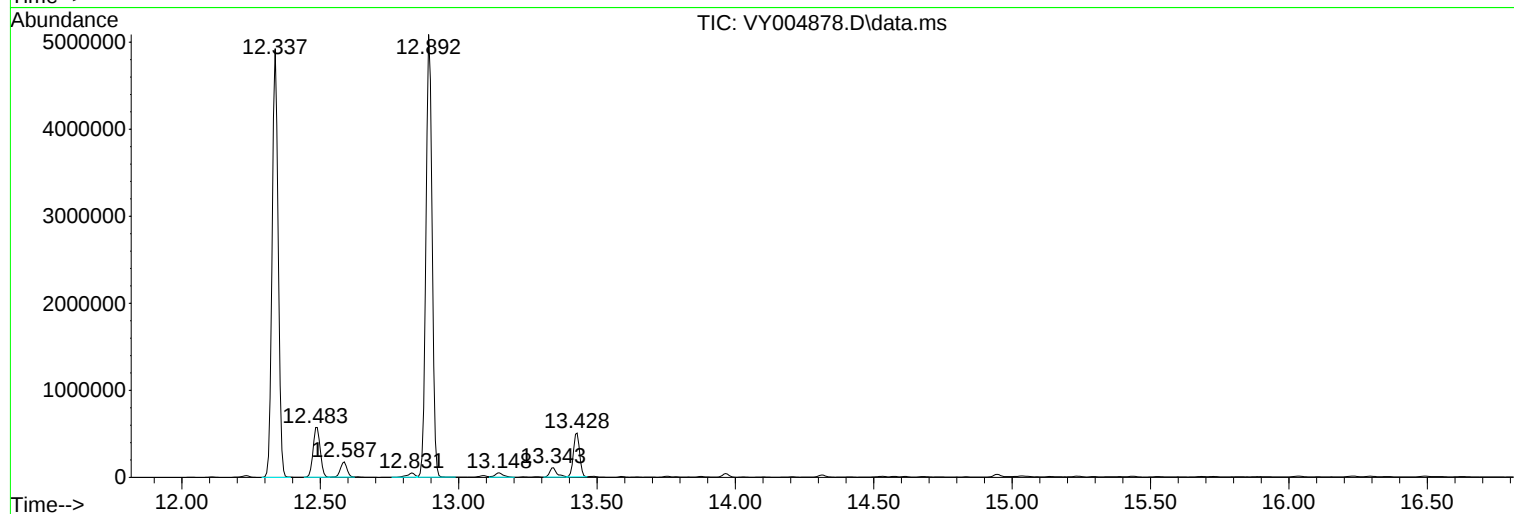
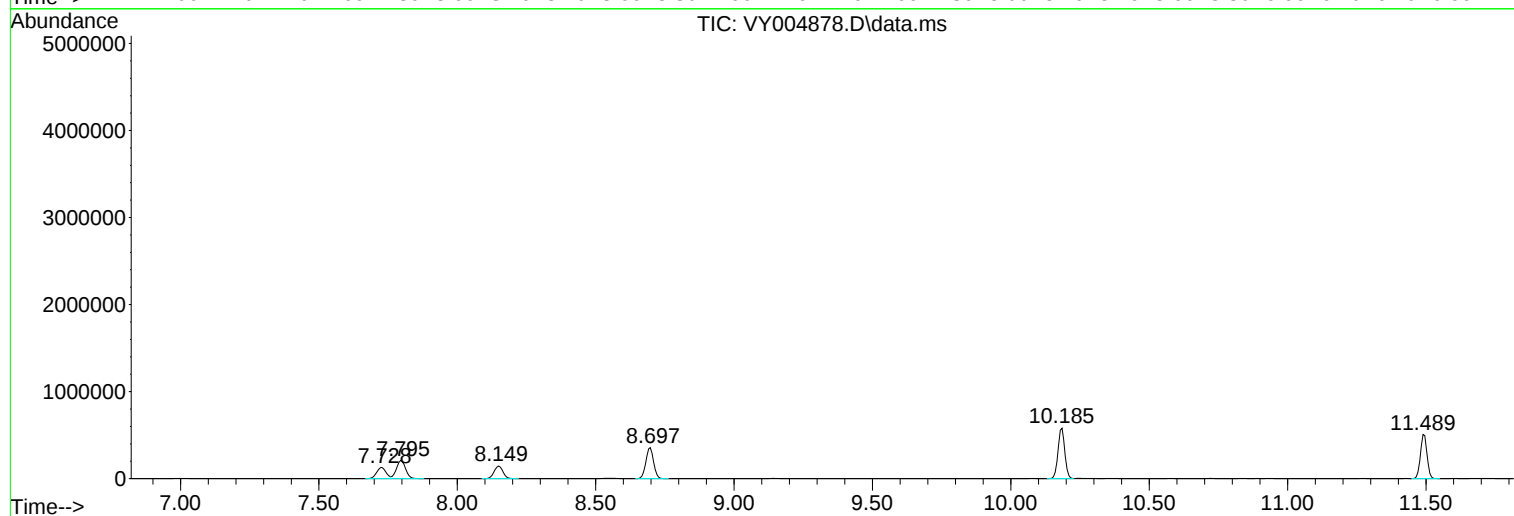
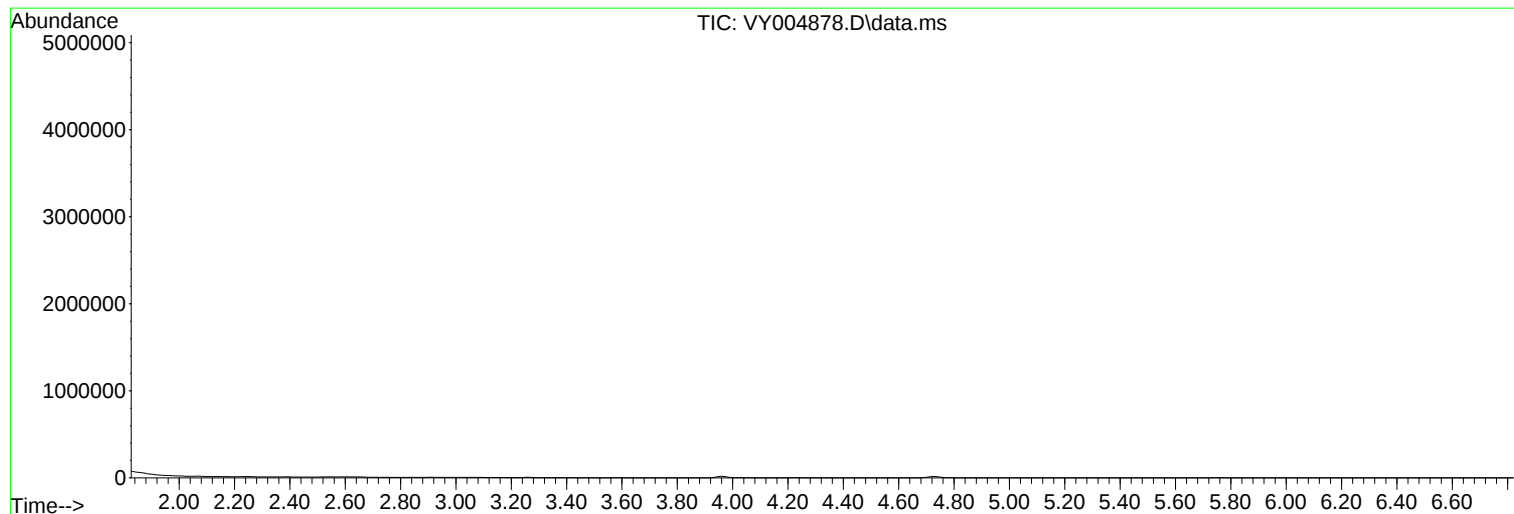
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052621\
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-052421

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

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



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Misc : 4.89G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

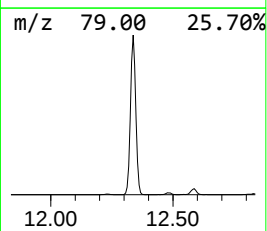
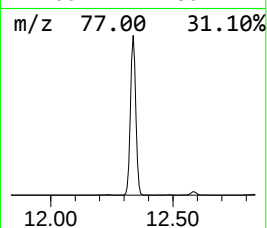
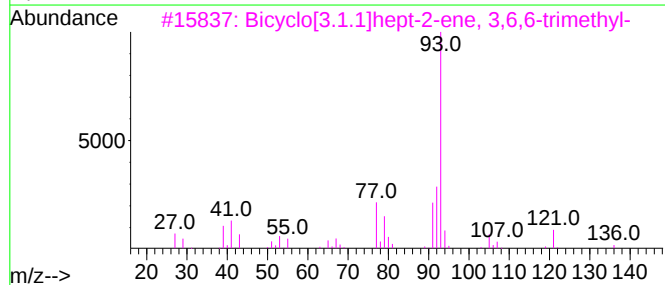
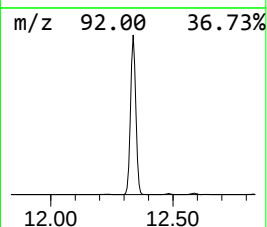
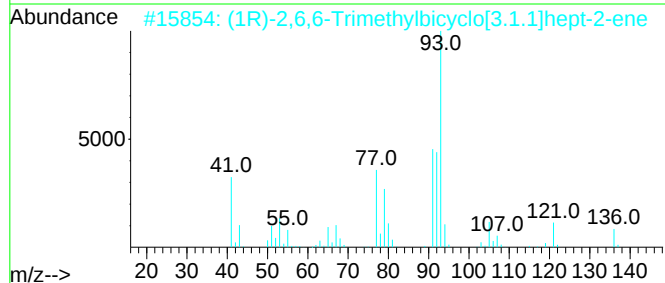
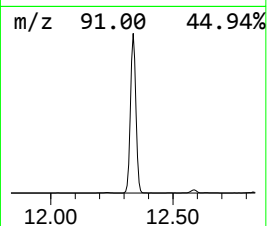
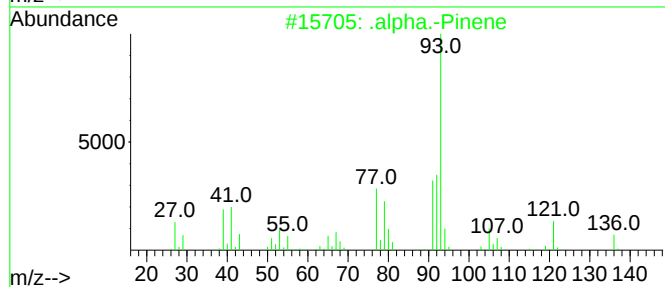
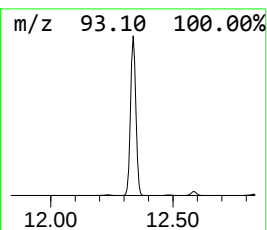
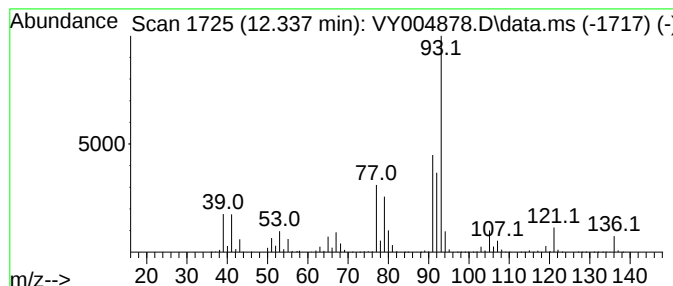
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-052421

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

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

Peak Number 1 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.337	452.77 ug/l	7515830	Chlorobenzene-d5	11.496	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	96
2	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	95
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	91
4	(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	91
5	3-Carene	136	C10H16	013466-78-9	91



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NB-08-052421

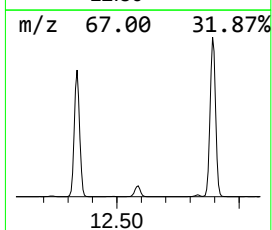
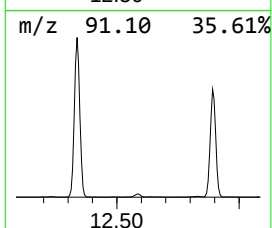
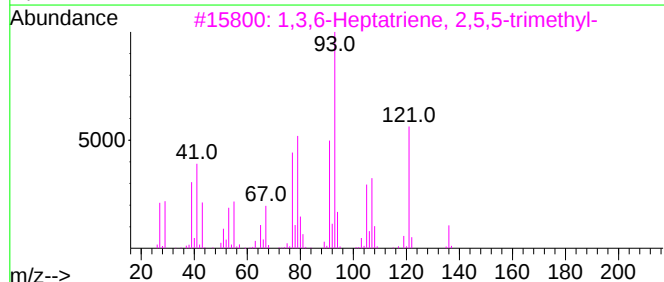
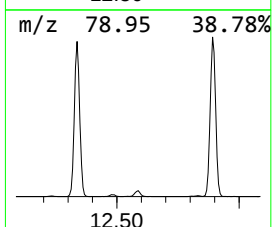
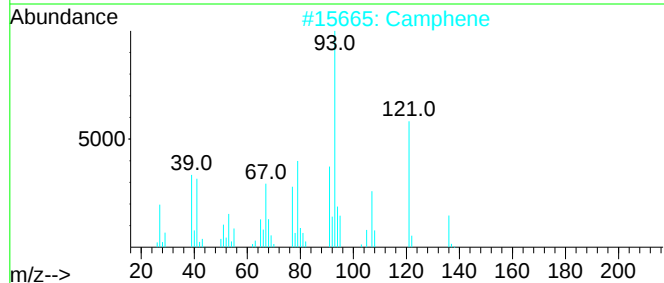
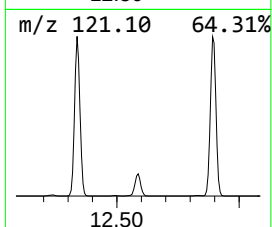
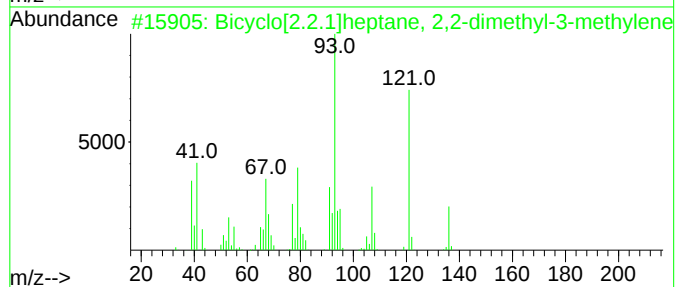
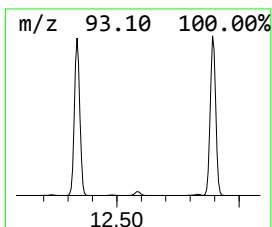
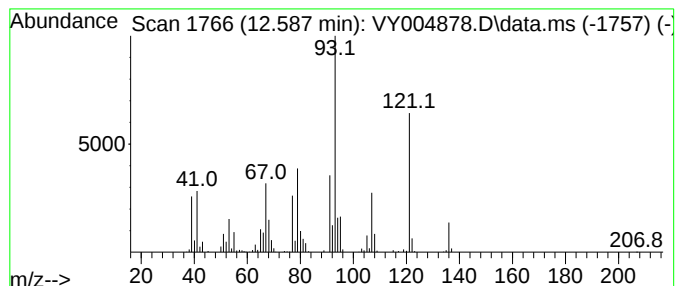
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.587	18.24 ug/l	286307	1,4-Dichlorobenzene-d4	13.428

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			1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	91
4			(+)-4-Carene	136	C10H16	029050-33-7	87
5			Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	86



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Instrument :
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ClientSampleId :
NB-08-052421

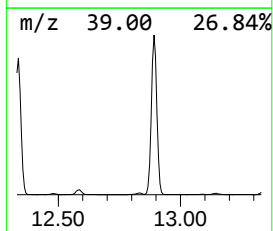
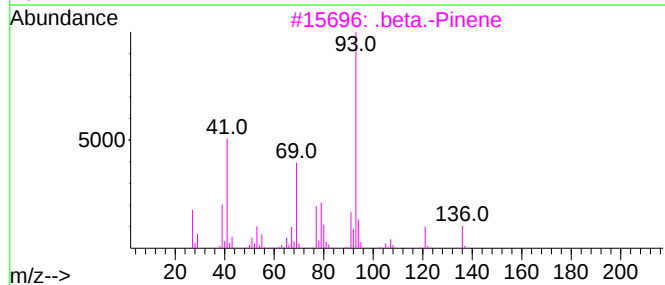
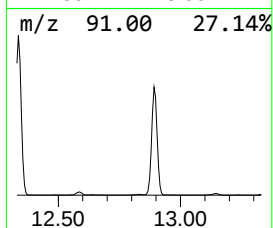
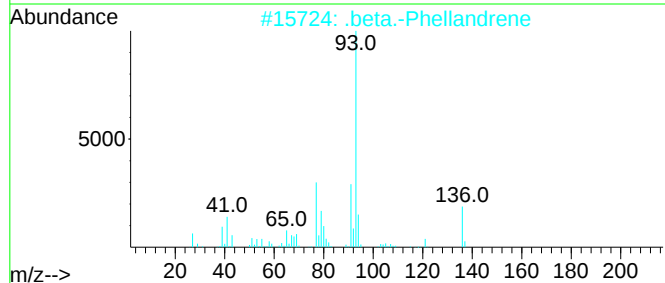
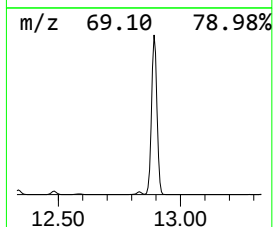
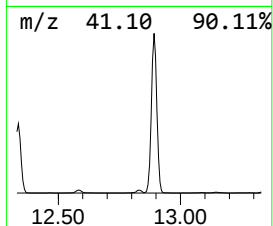
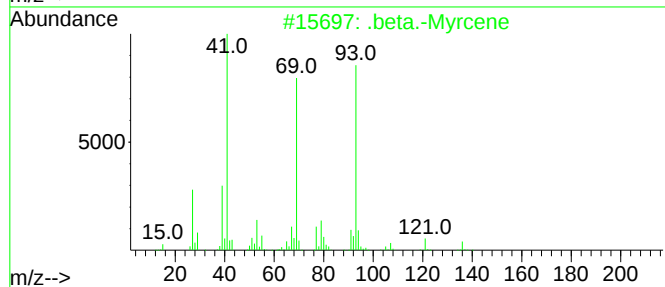
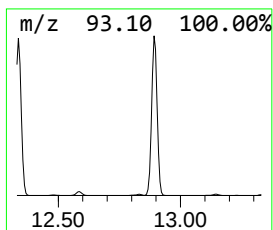
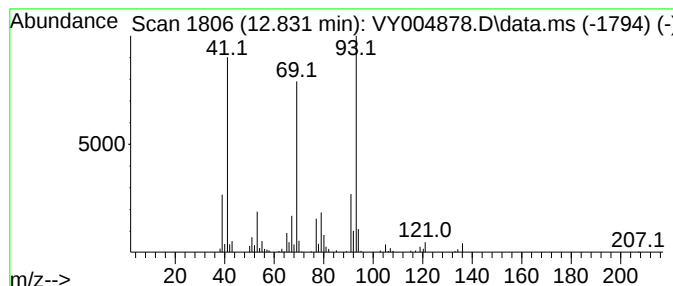
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Quant Title : SW846 8260

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

Peak Number 3 .beta.-Myrcene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.831	6.04 ug/l	94754	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.beta.-Myrcene	136	C10H16	000123-35-3	91
2			.beta.-Phellandrene	136	C10H16	000555-10-2	46
3			.beta.-Pinene	136	C10H16	000127-91-3	38
4			Pyridine, 2-propyl-	121	C8H11N	000622-39-9	38
5			3-Methyl-6-hepten-1-yn-3-ol	124	C8H12O	051193-99-8	35



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Misc : 4.89G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-052421

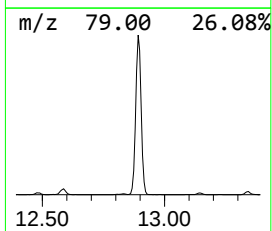
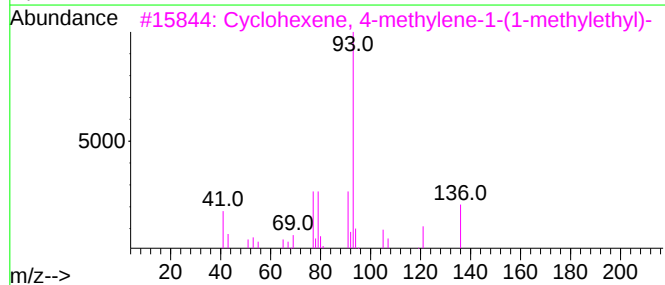
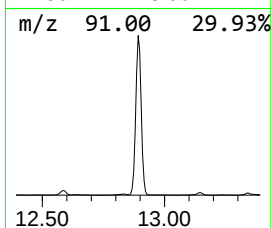
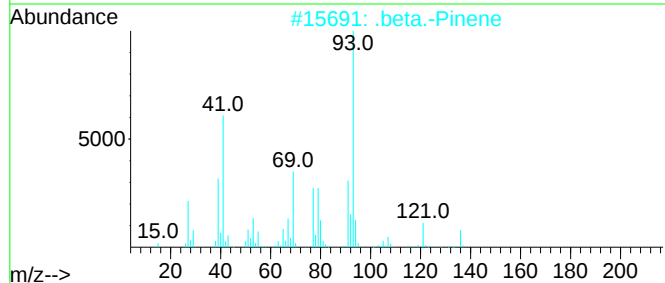
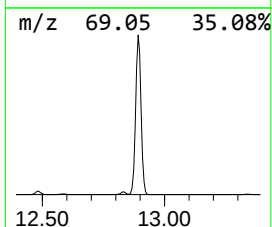
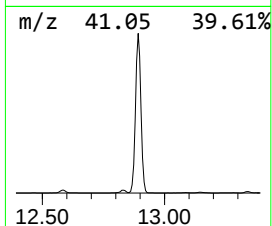
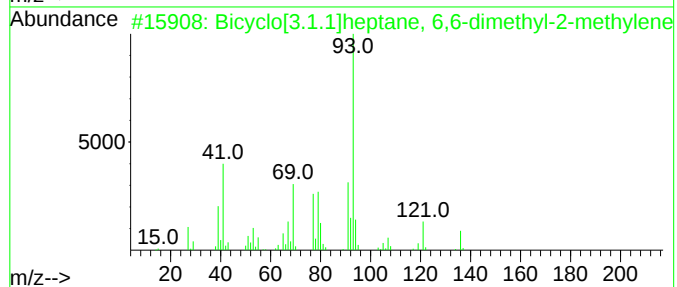
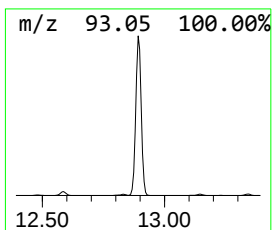
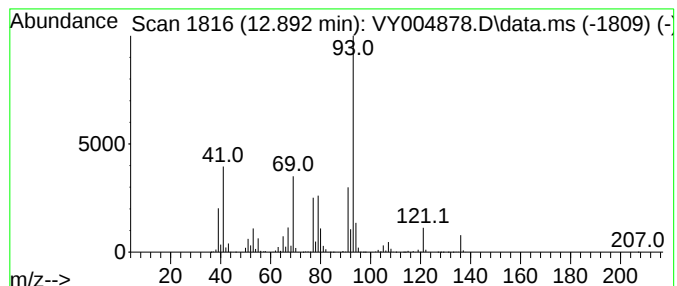
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.892	501.05 ug/l	7866280	1,4-Dichlorobenzene-d4	13.428

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			Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
4			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	90
5			.alpha.-Pinene	136	C10H16	000080-56-8	87



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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-052421

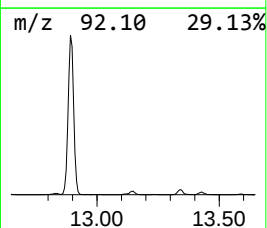
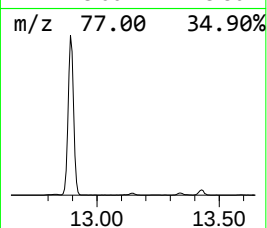
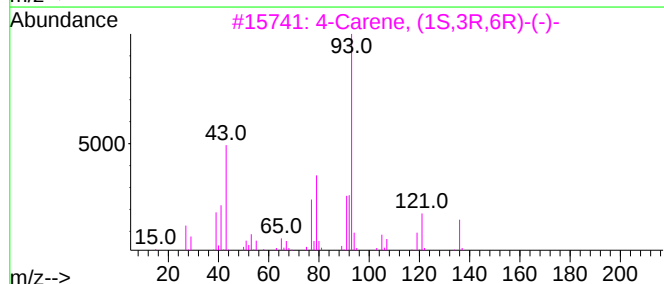
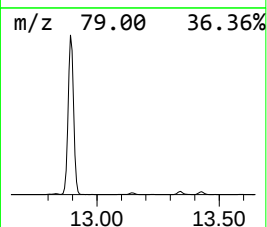
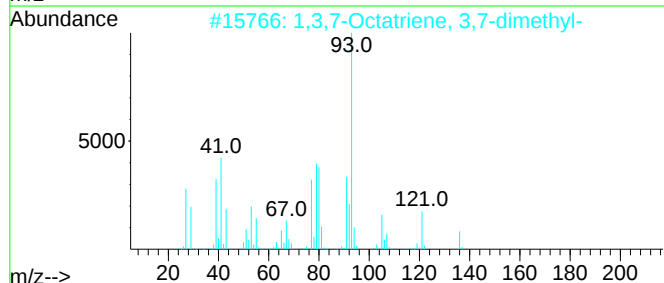
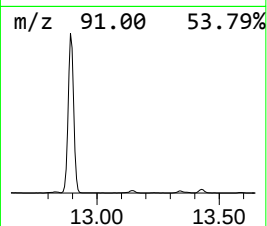
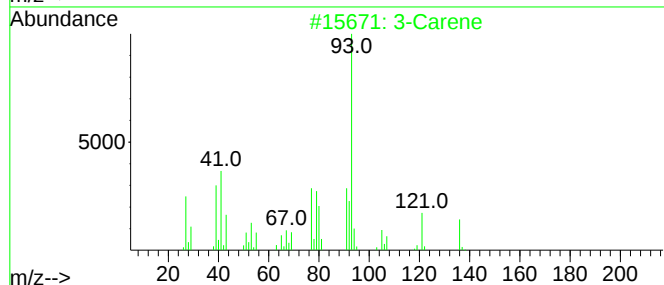
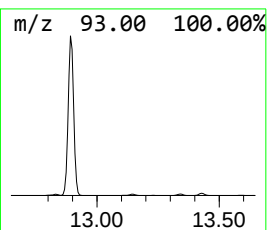
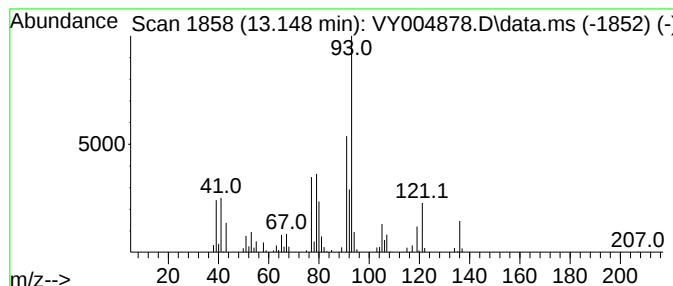
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260

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

Peak Number 5 3-Carene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.148	6.58 ug/l	103320	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Carene	136	C10H16	013466-78-9	94
2			1,3,7-Octatriene, 3,7-dimethyl-	136	C10H16	000502-99-8	90
3			4-Carene, (1S,3R,6R)-(-)-	136	C10H16	005208-49-1	90
4			(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	90
5			(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	90



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.337	452.8	ug/l	7515830	3	11.496	829974	50.0
Bicyclo[2.2.1]h...	12.587	18.2	ug/l	286307	4	13.428	784978	50.0
.beta.-Myrcene	12.831	6.0	ug/l	94754	4	13.428	784978	50.0
Bicyclo[3.1.1]h...	12.892	501.1	ug/l	7866280	4	13.428	784978	50.0
3-Carene	13.148	6.6	ug/l	103320	4	13.428	784978	50.0