

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017432.D
 Acq On : 21 Feb 2024 12:58
 Operator : SY/MD
 Sample : P1545-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 287

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\82Y021924S.M

Title : SW846 8260

Signal : TIC: VY017432.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.174	43	58	60	rBV5	1518	6482	1.71%	0.810%
2	7.734	963	970	976	rBV2	7941	19192	5.05%	2.398%
3	7.807	976	982	998	rVB	19152	43248	11.38%	5.404%
4	8.161	1032	1040	1051	rBV2	6541	14903	3.92%	1.862%
5	8.709	1122	1130	1141	rBV	24773	51046	13.43%	6.379%
6	10.197	1367	1374	1383	rBV	26598	47057	12.38%	5.880%
7	11.502	1578	1588	1599	rBV	29852	52316	13.77%	6.537%
8	12.349	1720	1727	1736	rBV	248747	380007	100.00%	47.485%
9	12.495	1746	1751	1757	rBV3	18403	30433	8.01%	3.803%
10	12.593	1762	1767	1774	rVB2	19925	33864	8.91%	4.232%
11	12.904	1812	1818	1825	rVB	36400	56821	14.95%	7.100%
12	13.349	1886	1891	1900	rBV3	13436	23216	6.11%	2.901%
13	13.434	1900	1905	1912	rVB	22972	37122	9.77%	4.639%
14	13.885	1974	1979	1983	rBV3	3396	4561	1.20%	0.570%

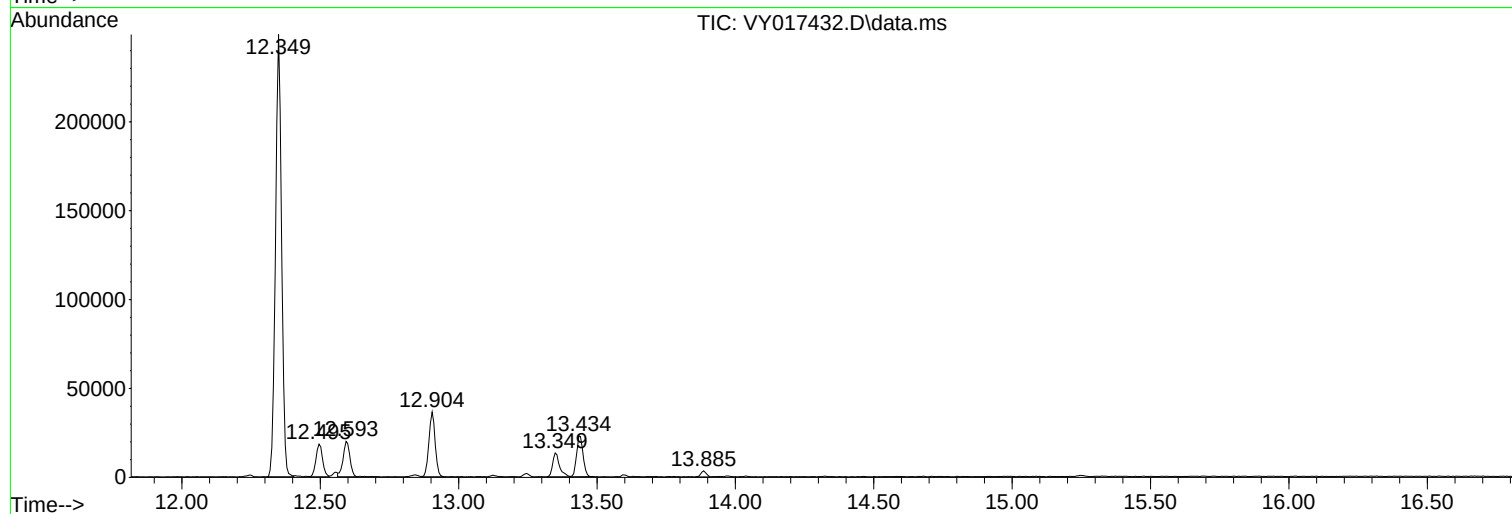
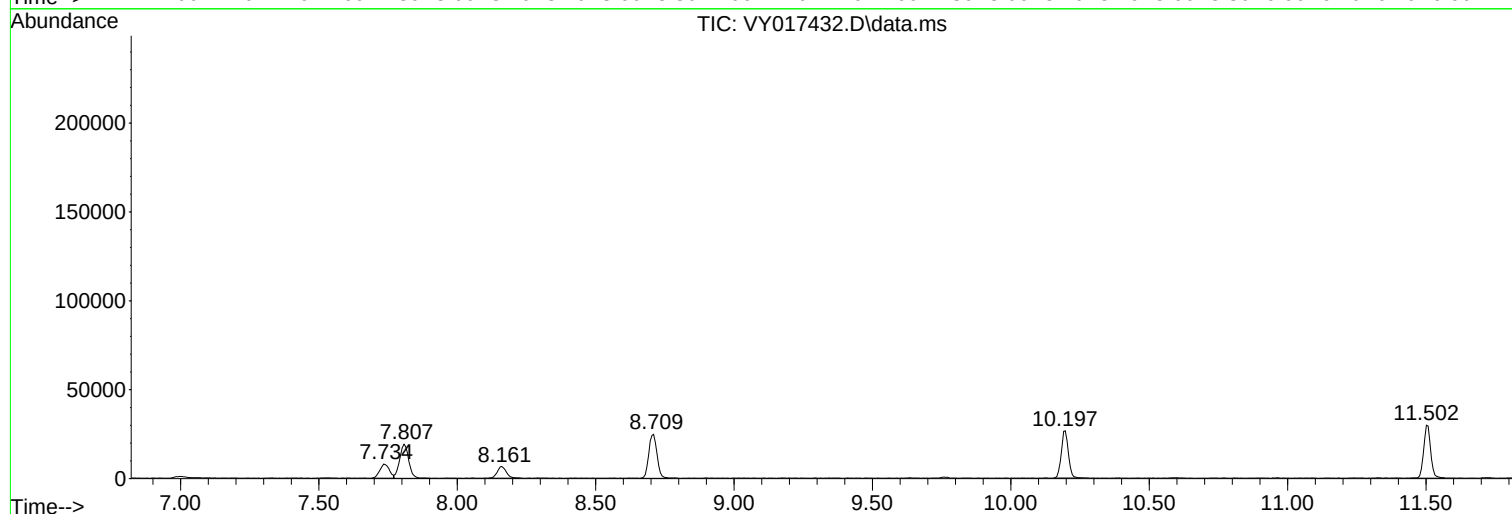
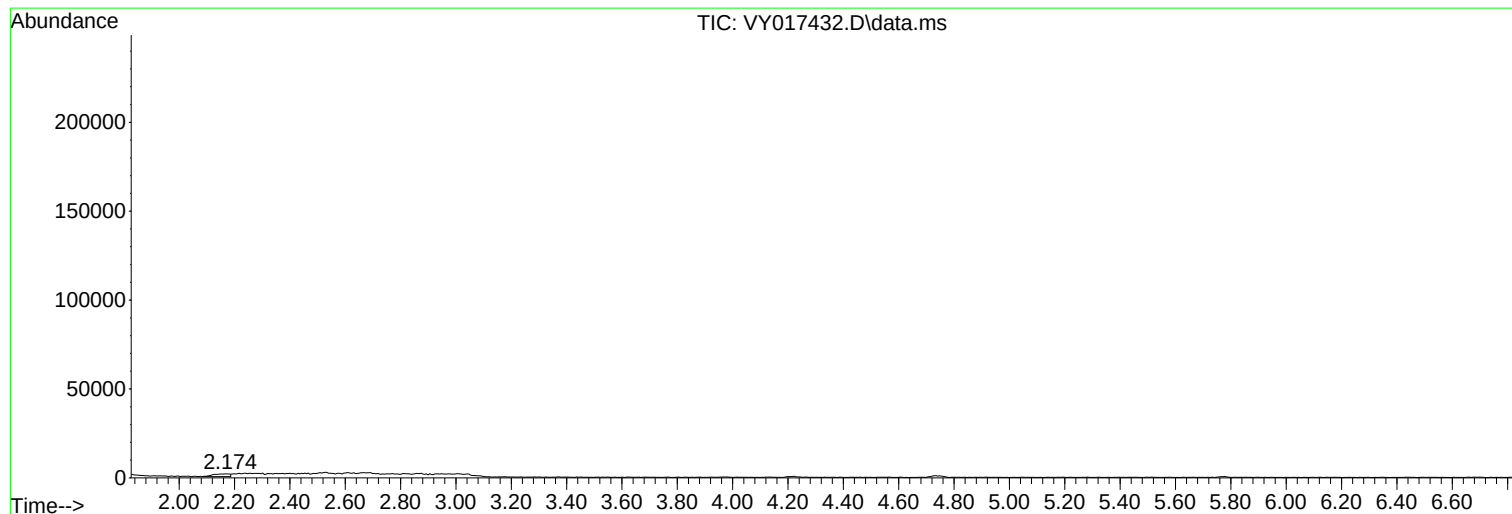
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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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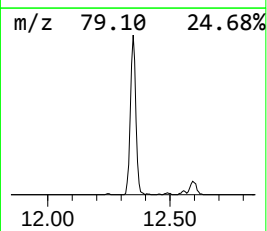
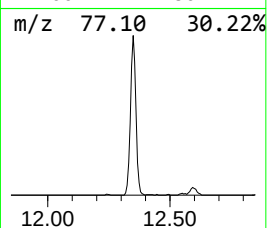
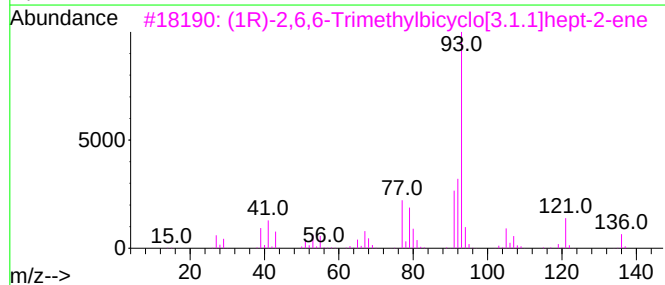
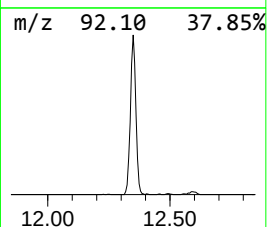
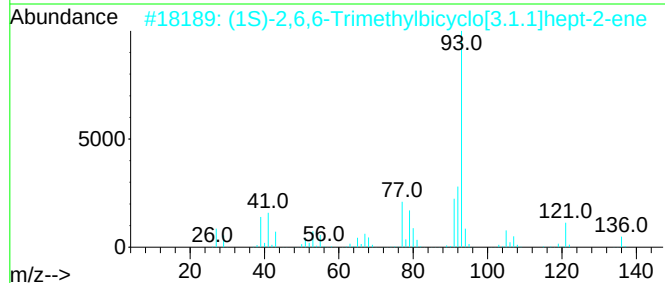
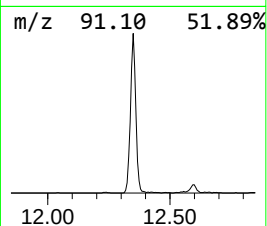
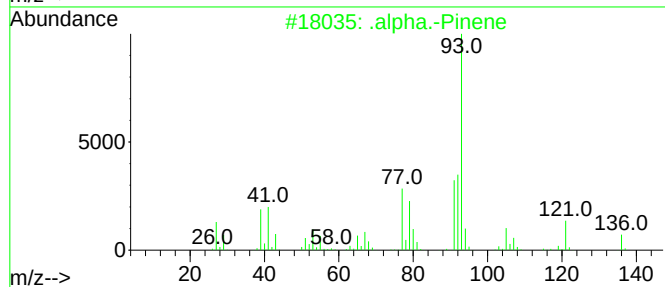
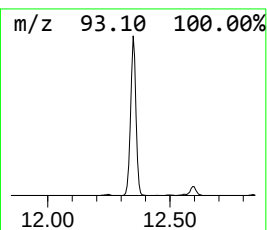
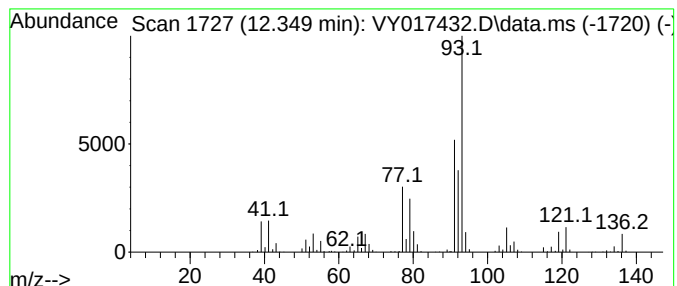
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.349	363.18 ug/l	380007	Chlorobenzene-d5	11.508

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Pinene	136	C10H16	000080-56-8	97
2		(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	95
3		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
4		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	87
5		3-Carene	136	C10H16	013466-78-9	87



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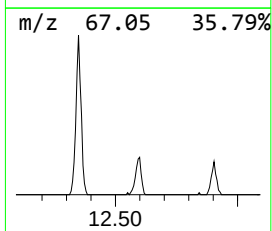
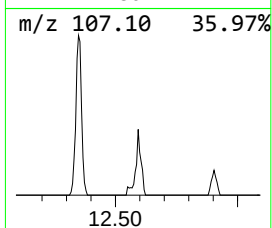
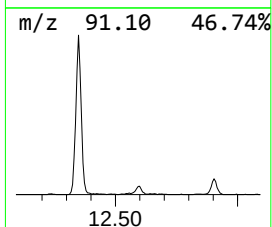
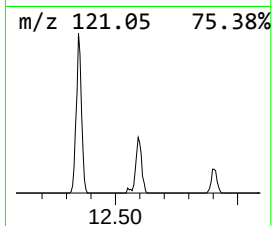
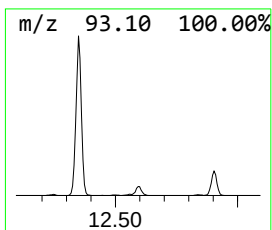
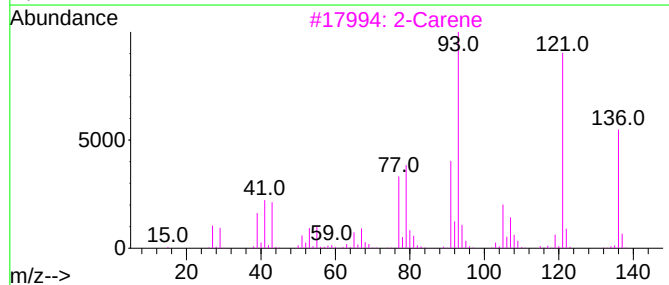
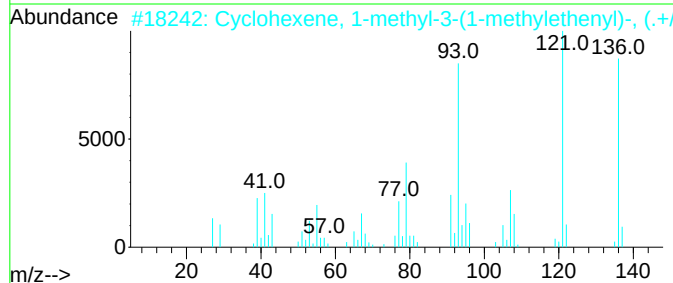
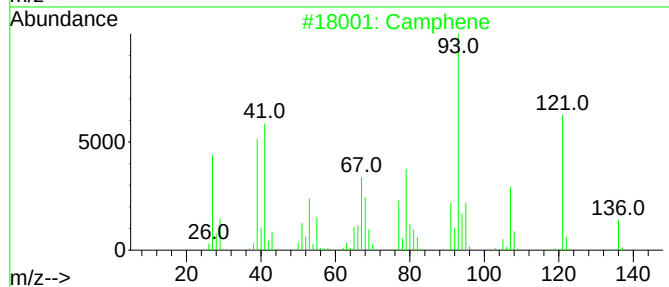
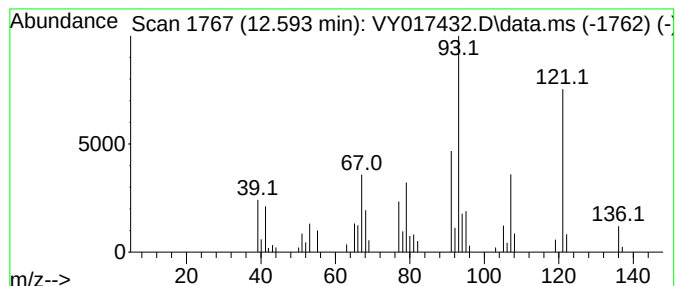
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Camphene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.593	45.61 ug/l	33864	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Camphene	136	C10H16	000079-92-5	90
2			Cyclohexene, 1-methyl-3-(1-methy...	136	C10H16	000499-03-6	87
3			2-Carene	136	C10H16	000554-61-0	83
4			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	81
5			1,5,5-Trimethyl-6-methylene-cycl...	136	C10H16	000514-95-4	68



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Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
287

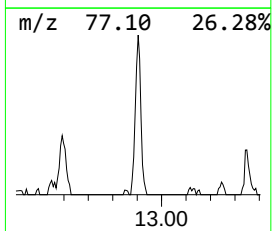
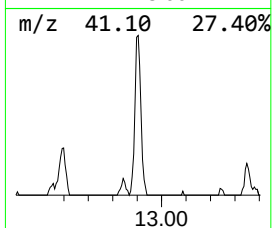
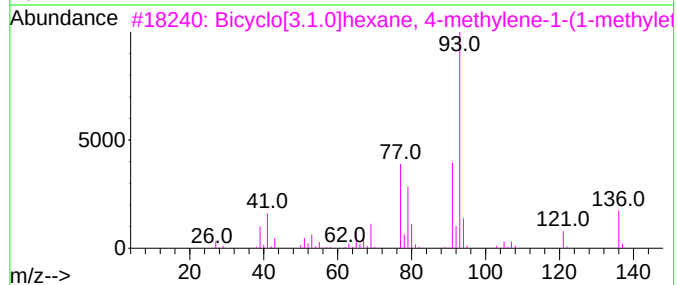
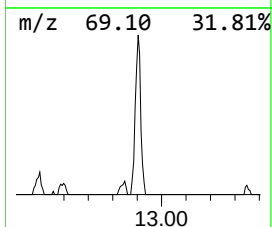
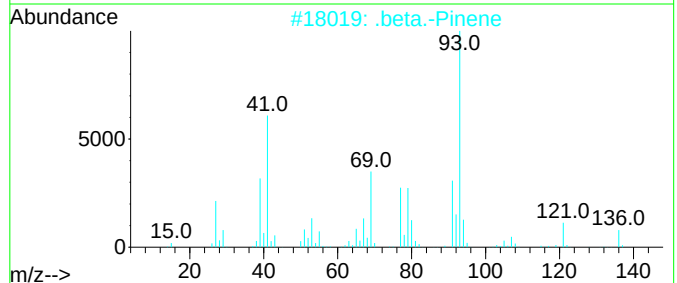
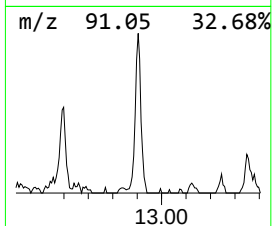
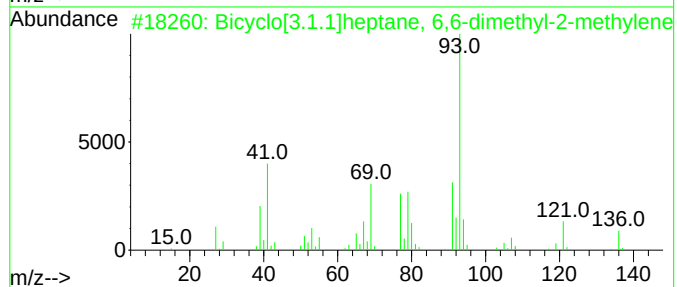
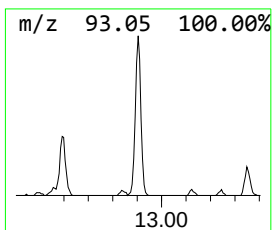
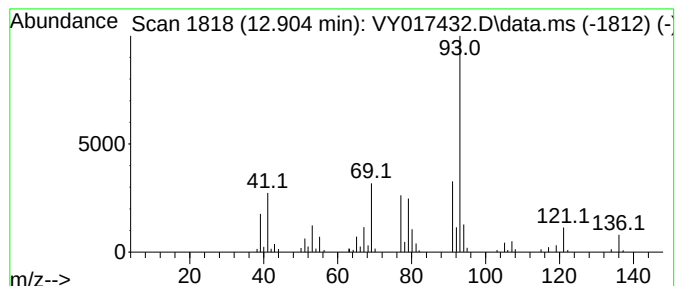
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Peak Number 4 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.904	76.53 ug/l	56821	1,4-Dichlorobenzene-d4	13.434

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			Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	94
4			.alpha.-Pinene	136	C10H16	000080-56-8	91
5			(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	87



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Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
287

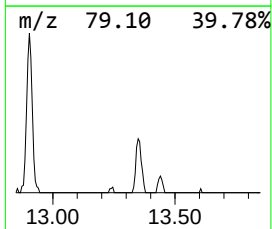
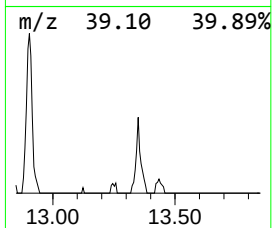
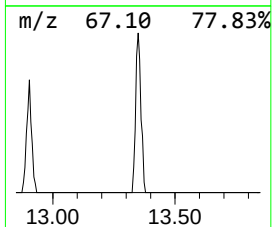
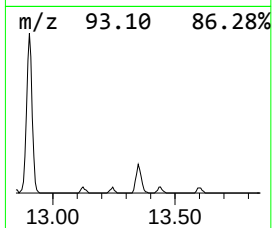
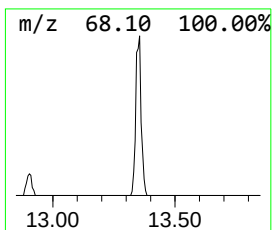
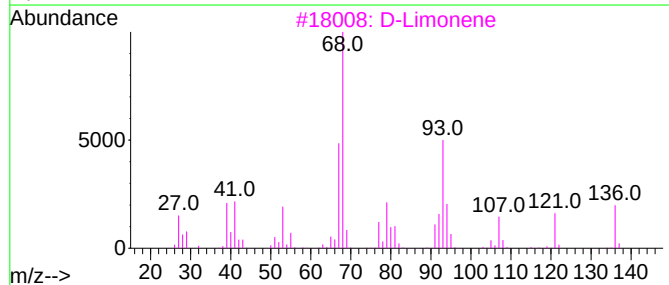
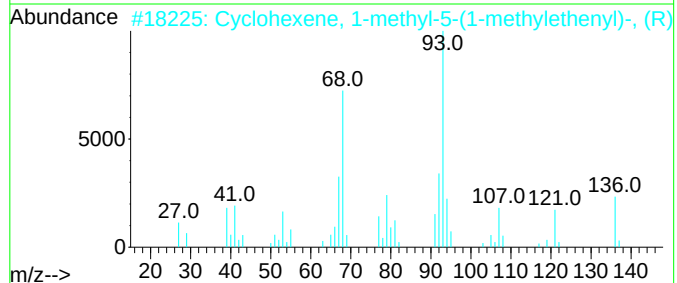
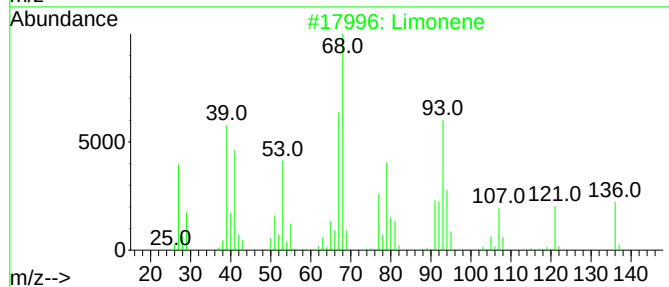
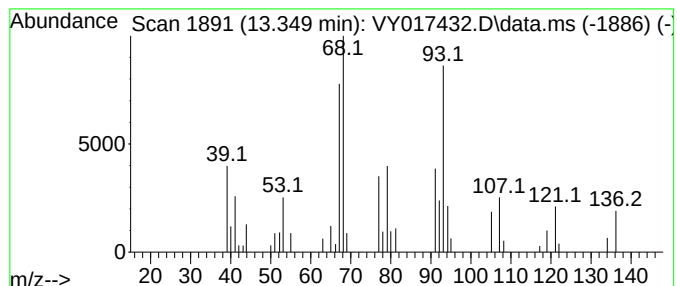
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Limonene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.349	31.27 ug/l	23216	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Limonene	136	C10H16	000138-86-3	87
2			Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	001461-27-4	68
3			D-Limonene	136	C10H16	005989-27-5	64
4			Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	64
5			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	52



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Instrument :
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ClientSampleId :
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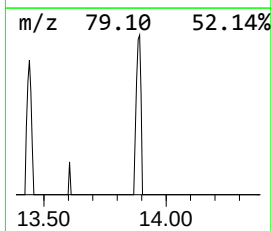
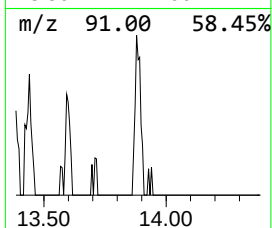
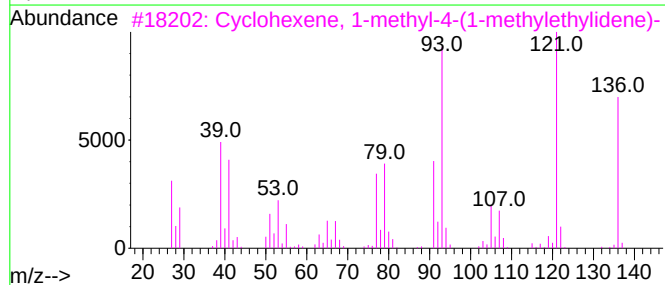
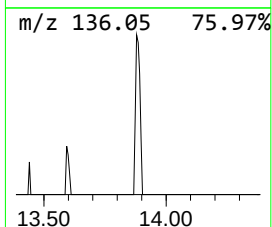
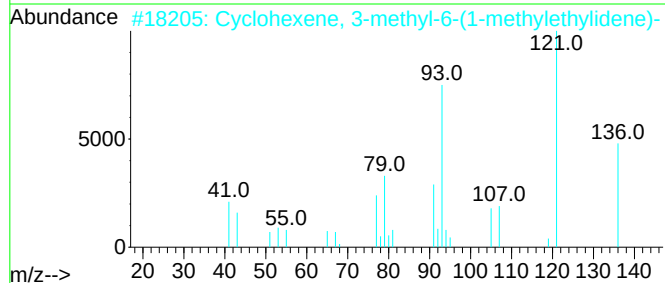
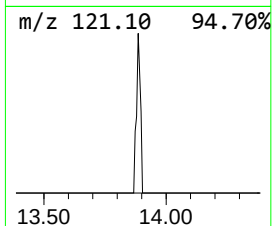
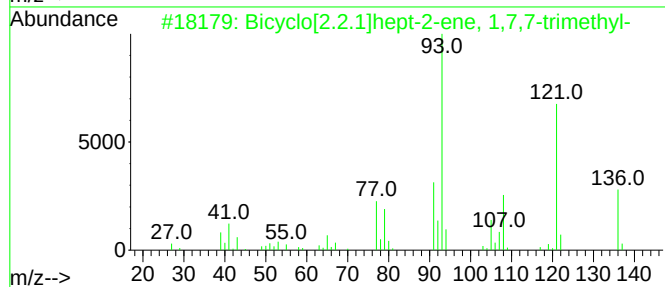
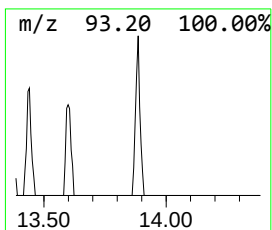
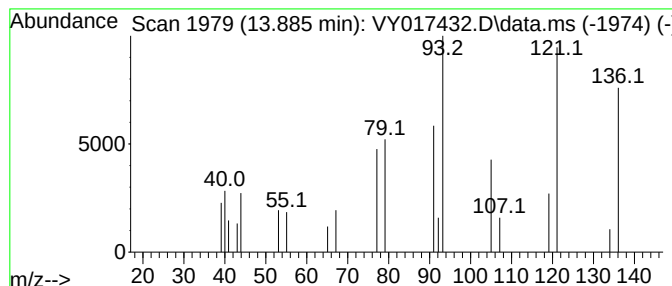
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TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Bicyclo[2.2.1]hept-2-ene, 1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.885	6.14 ug/l	4561	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	72
2			Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	72
3			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	64
4			Cyclohexene, 4-methyl-1-(1-methy...	136	C10H16	000586-67-4	64
5			Cyclopentene, 4-ethenyl-1,5,5-tr...	136	C10H16	001727-69-1	59



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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.349	363.2	ug/l	380007	3	11.508	52316	50.0
Camphene	12.593	45.6	ug/l	33864	4	13.434	37122	50.0
Bicyclo[3.1.1]h...	12.904	76.5	ug/l	56821	4	13.434	37122	50.0
Limonene	13.349	31.3	ug/l	23216	4	13.434	37122	50.0
Bicyclo[2.2.1]h...	13.885	6.1	ug/l	4561	4	13.434	37122	50.0