

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016818.D
 Acq On : 22 Dec 2023 19:07
 Operator : SY/MD
 Sample : 05879-14
 Misc : 3.54g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM17

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\82Y122023S.M
 Title : SW846 8260

Signal : TIC: VY016818.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.753	469	481	493	rBV2	14085	43024	6.08%	0.909%
2	5.783	640	650	660	rVB3	3847	11925	1.68%	0.252%
3	7.009	840	851	870	rBV2	9740	41296	5.83%	0.873%
4	7.746	963	972	978	rBV	99816	241311	34.08%	5.101%
5	7.819	978	984	998	rVB2	136900	312688	44.16%	6.609%
6	8.167	1028	1041	1053	rBV	91277	207922	29.36%	4.395%
7	8.716	1122	1131	1147	rVB	271916	529406	74.77%	11.190%
8	10.203	1367	1375	1382	rBV	419890	708067	100.00%	14.967%
9	10.270	1382	1386	1395	rVB4	5030	10000	1.41%	0.211%
10	10.599	1433	1440	1447	rVB	14547	25546	3.61%	0.540%
11	10.971	1495	1501	1512	rBV2	4064	7294	1.03%	0.154%
12	11.337	1556	1561	1570	rVB2	7588	12477	1.76%	0.264%
13	11.514	1582	1590	1604	rBV	423113	701319	99.05%	14.824%
14	12.355	1722	1728	1736	rBV	46697	76176	10.76%	1.610%
15	12.501	1745	1752	1758	rBV2	302065	486008	68.64%	10.273%
16	12.562	1758	1762	1773	rVB	70085	124675	17.61%	2.635%
17	12.849	1802	1809	1814	rBV2	23895	37611	5.31%	0.795%
18	12.910	1814	1819	1828	rVB	69047	112531	15.89%	2.379%
19	13.166	1851	1861	1872	rBV	162809	263021	37.15%	5.560%
20	13.306	1877	1884	1887	rBV5	5725	12168	1.72%	0.257%
21	13.361	1887	1893	1895	rVV	38218	65025	9.18%	1.374%
22	13.385	1895	1897	1901	rVV	48331	62716	8.86%	1.326%
23	13.446	1901	1907	1914	rVB	400400	630139	88.99%	13.319%
24	13.977	1988	1994	2001	rVB	5416	8650	1.22%	0.183%

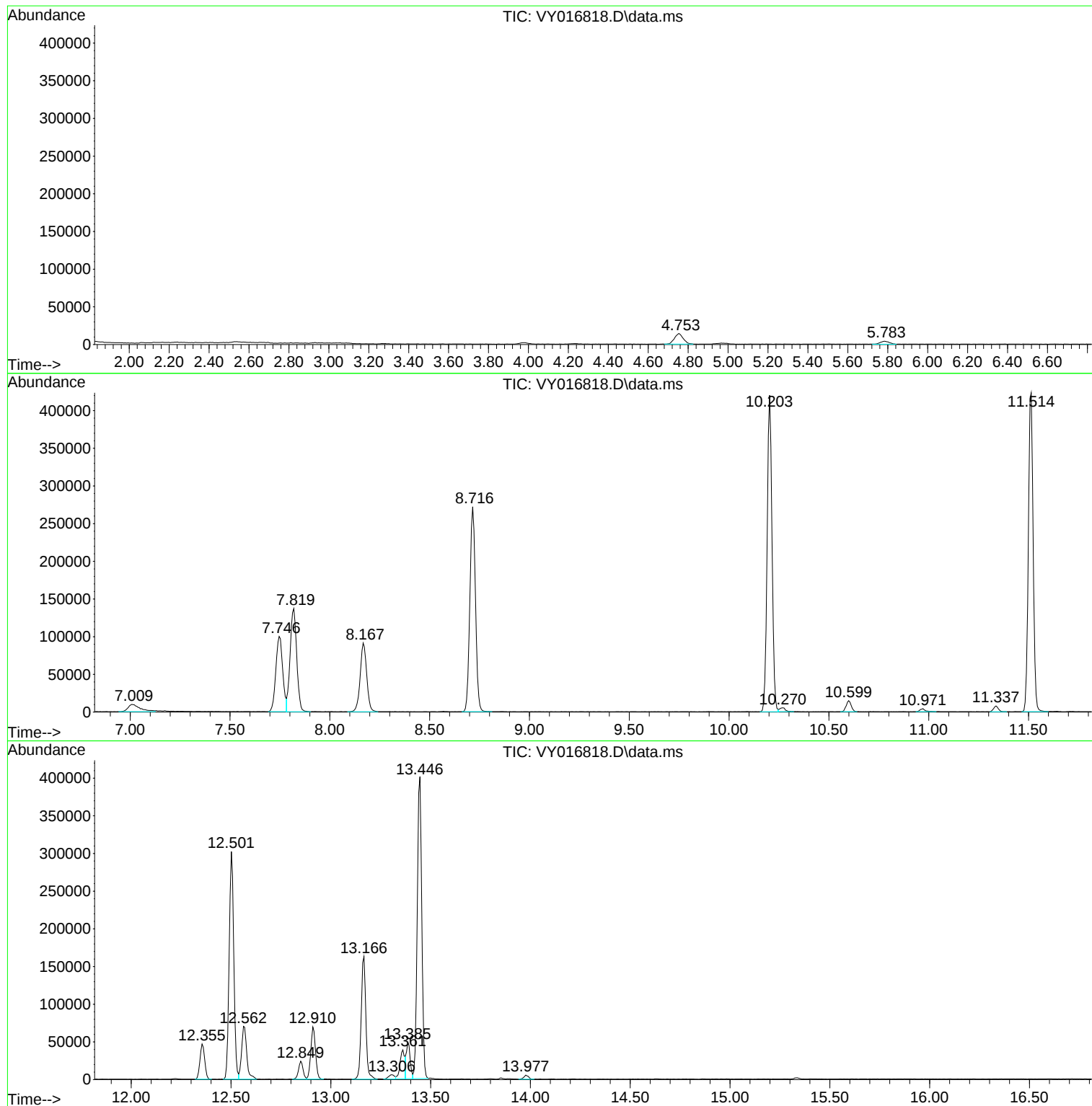
Sum of corrected areas: 4730995

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TIC Library : C:\Database\NIST20.L
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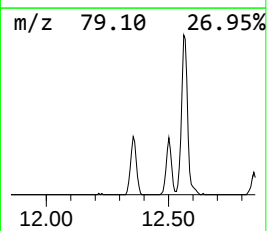
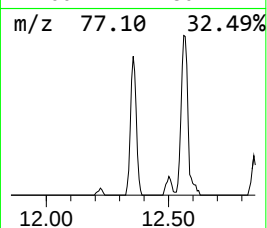
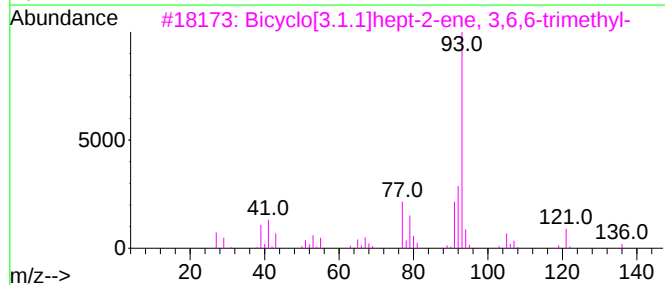
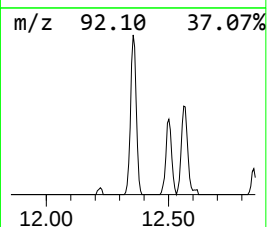
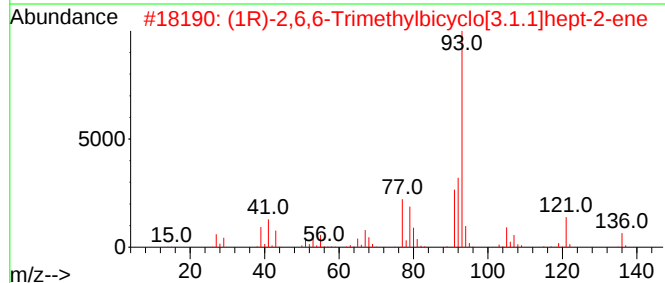
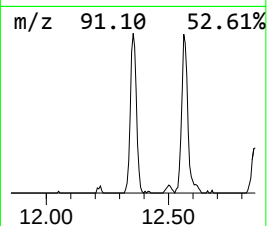
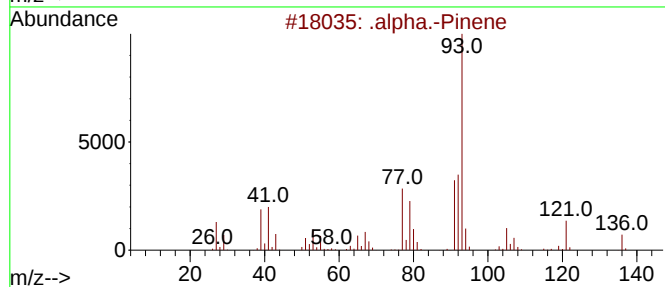
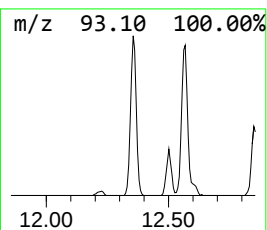
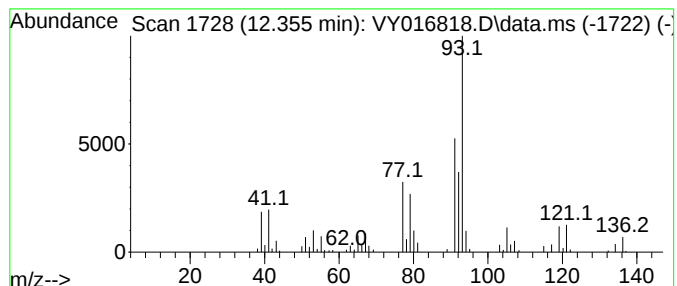
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260

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

Peak Number 2 .alpha.-Pinene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.355	5.43 ug/l	76176	Chlorobenzene-d5	11.514

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Pinene	136	C10H16	000080-56-8	94
2			(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	93
3			Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	93
4			(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	90
5			.gamma.-Terpinene	136	C10H16	000099-85-4	90



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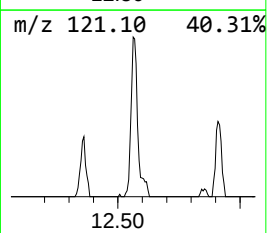
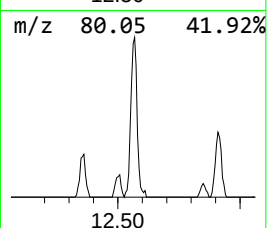
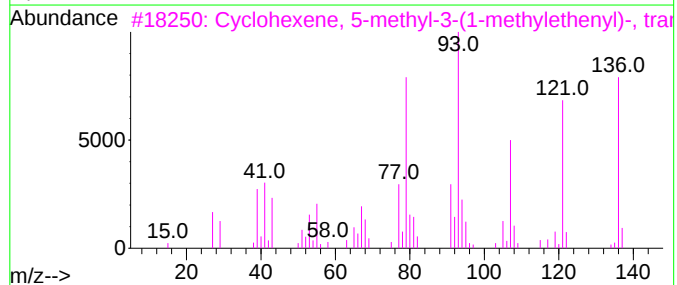
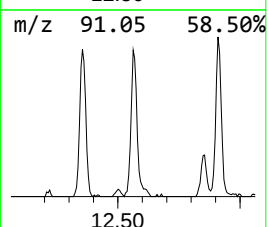
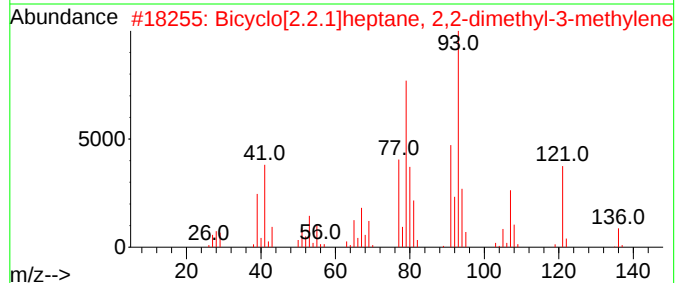
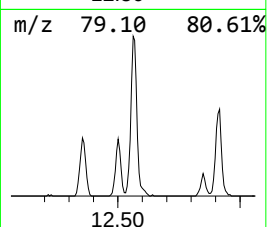
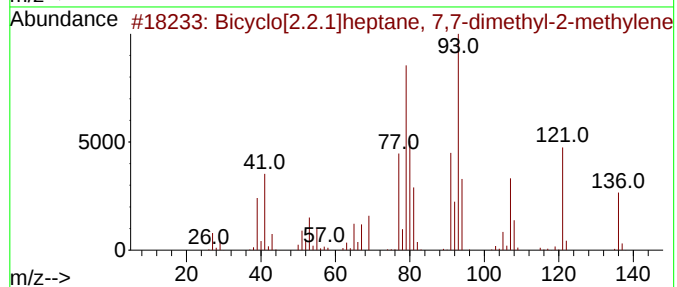
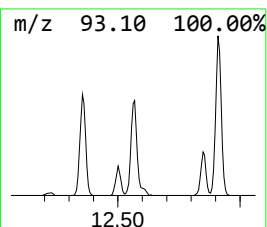
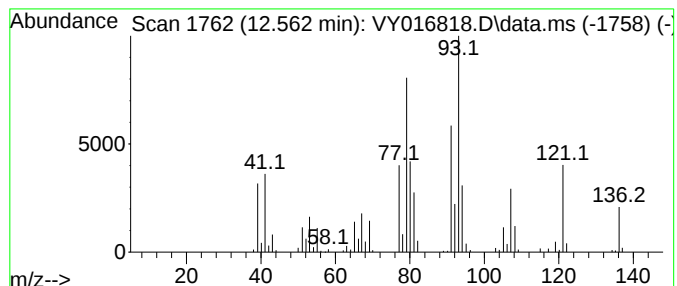
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Peak Number 3 Bicyclo[2.2.1]heptane, 7,7-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.562	9.89 ug/l	124675	1,4-Dichlorobenzene-d4	13.446

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			Cyclohexene, 5-methyl-3-(1-methy...	136	C10H16	056816-08-1	81
4			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	006876-12-6	64
5			Cyclobutane, 2-ethylidene-1-vinyl-	108	C8H12	1000150-32-4	52



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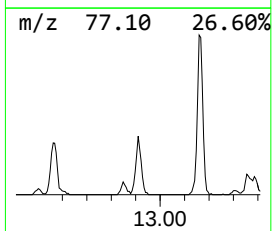
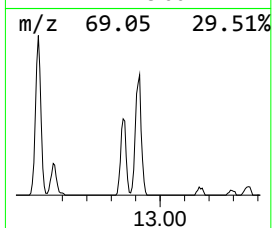
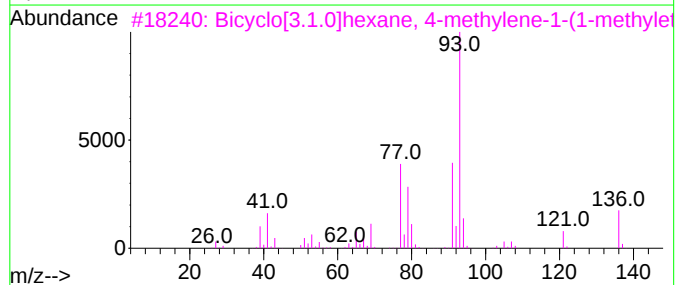
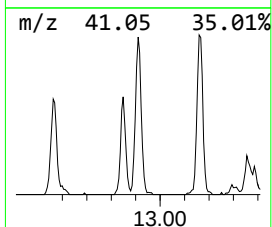
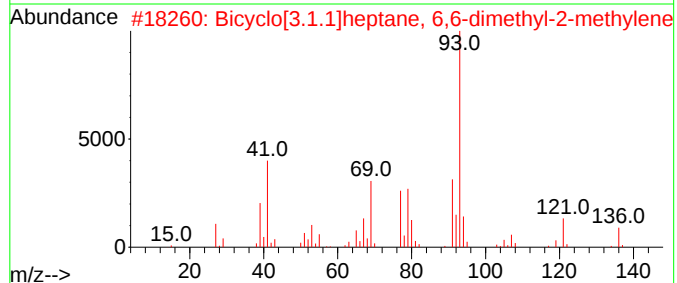
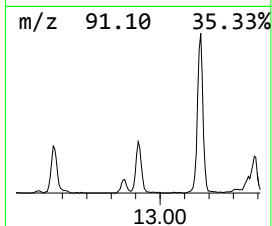
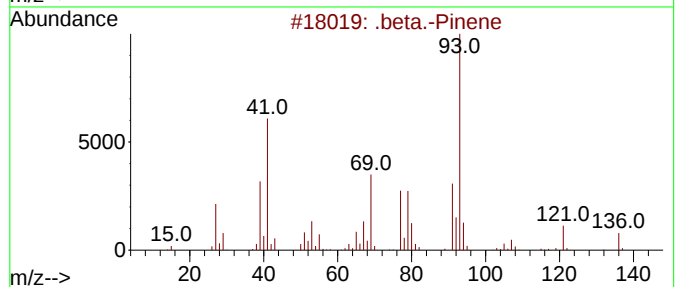
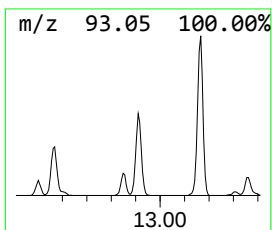
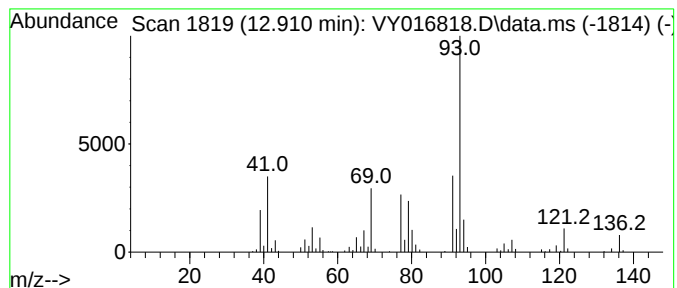
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Peak Number 4 .beta.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.910	8.93 ug/l	112531	1,4-Dichlorobenzene-d4	13.446

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.beta.-Pinene	136	C10H16	000127-91-3	97
2	Bicyclo[3.1.1]heptane, 6,6-dimet...			136	C10H16	018172-67-3	96
3	Bicyclo[3.1.0]hexane, 4-methylen...			136	C10H16	003387-41-5	94
4	Cyclohexene, 4-methylene-1-(1-me...			136	C10H16	000099-84-3	91
5	.alpha.-Pinene			136	C10H16	000080-56-8	91



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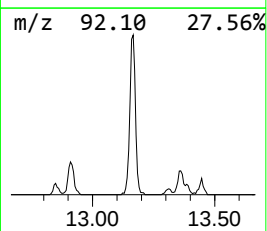
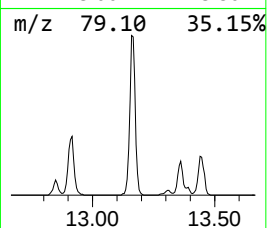
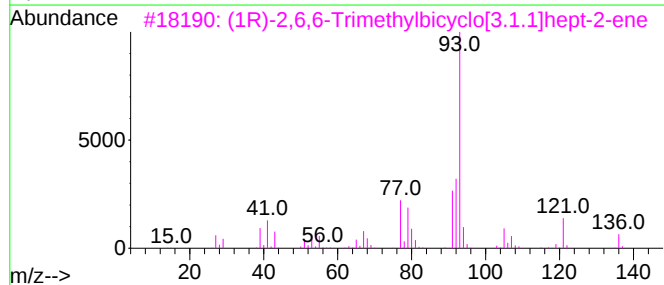
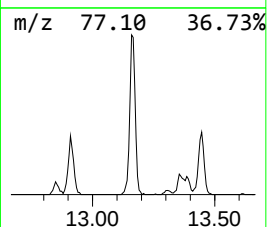
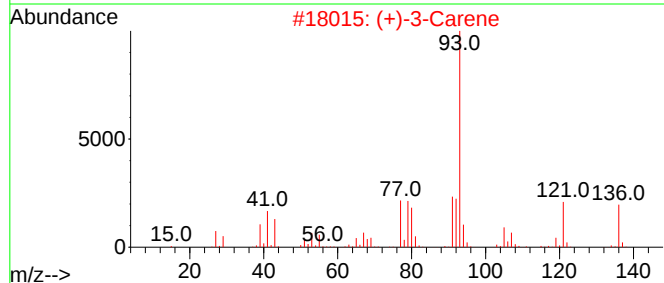
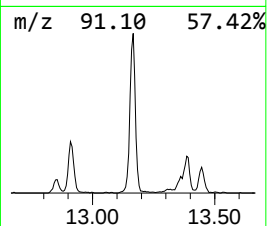
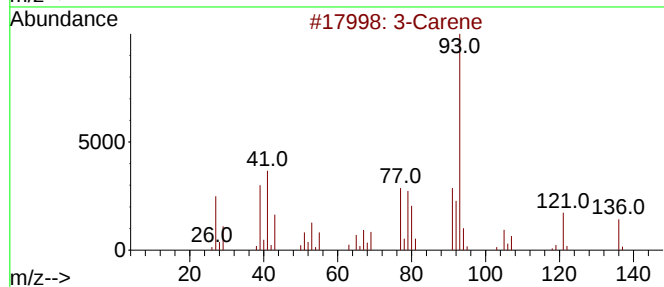
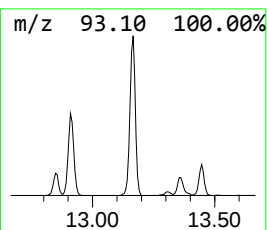
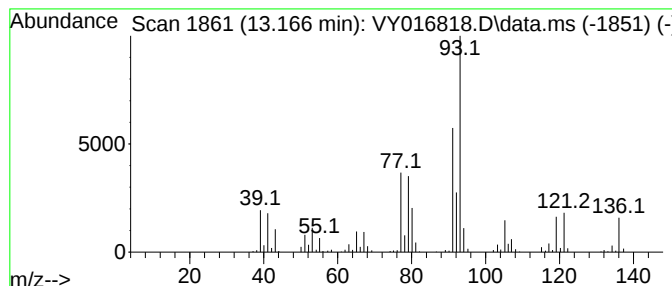
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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

Peak Number 5 3-Carene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.166	20.87 ug/l	263021	1,4-Dichlorobenzene-d4	13.446

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Carene	136	C10H16	013466-78-9	96
2			(+)-3-Carene	136	C10H16	000498-15-7	94
3			(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	93
4			4-Carene, (1S,3R,6R)-(-)-	136	C10H16	005208-49-1	90
5			(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	90



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TIC Library : C:\Database\NIST20.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.355	5.4	ug/l	76176	3	11.514	701319	50.0
Bicyclo[2.2.1]h...	12.562	9.9	ug/l	124675	4	13.446	630139	50.0
.beta.-Pinene	12.910	8.9	ug/l	112531	4	13.446	630139	50.0
3-Carene	13.166	20.9	ug/l	263021	4	13.446	630139	50.0