

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013970.D
 Acq On : 01 Jun 2023 17:38
 Operator : KP/MD
 Sample : 02983-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB24A

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\82Y060123S.M

Title : SW846 8260

Signal : TIC: VY013970.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.381	86	92	98	rBV2	11445	19640	3.00%	0.445%
2	3.942	339	348	366	rBV	19495	56154	8.57%	1.274%
3	4.198	382	390	391	rBV	9113	14841	2.27%	0.337%
4	4.704	464	473	489	rVB3	11108	35387	5.40%	0.803%
5	4.924	494	509	522	rBV2	6673	27250	4.16%	0.618%
6	5.740	631	643	654	rBV6	10266	33400	5.10%	0.758%
7	6.972	831	845	860	rBV	83330	257712	39.35%	5.845%
8	7.710	957	966	972	rBV	95036	228473	34.89%	5.182%
9	7.783	972	978	994	rVB	165416	377229	57.60%	8.556%
10	8.136	1026	1036	1049	rVB	95544	208860	31.89%	4.737%
11	8.685	1118	1126	1138	rBV	243140	484833	74.03%	10.996%
12	10.173	1363	1370	1381	rBV	379560	654870	100.00%	14.852%
13	10.575	1429	1436	1442	rBV	23261	41279	6.30%	0.936%
14	10.941	1488	1496	1507	rBV	59292	97787	14.93%	2.218%
15	11.313	1551	1557	1564	rVB3	6408	10858	1.66%	0.246%
16	11.483	1578	1585	1597	rBV	357197	588395	89.85%	13.345%
17	12.331	1716	1724	1731	rBV	52555	87666	13.39%	1.988%
18	12.477	1741	1748	1757	rBV2	291150	476376	72.74%	10.804%
19	12.581	1760	1765	1770	rVB4	7010	11581	1.77%	0.263%
20	12.818	1797	1804	1809	rBV	7954	13445	2.05%	0.305%
21	12.886	1809	1815	1822	rVB	53899	89486	13.66%	2.030%
22	13.337	1884	1889	1893	rBV3	7831	12053	1.84%	0.273%
23	13.422	1895	1903	1910	rBV	338902	530383	80.99%	12.029%
24	13.520	1916	1919	1926	rVB3	4935	8582	1.31%	0.195%
25	13.958	1986	1991	2000	rVB2	8356	14996	2.29%	0.340%
26	15.312	2205	2213	2219	rBV2	16488	27649	4.22%	0.627%

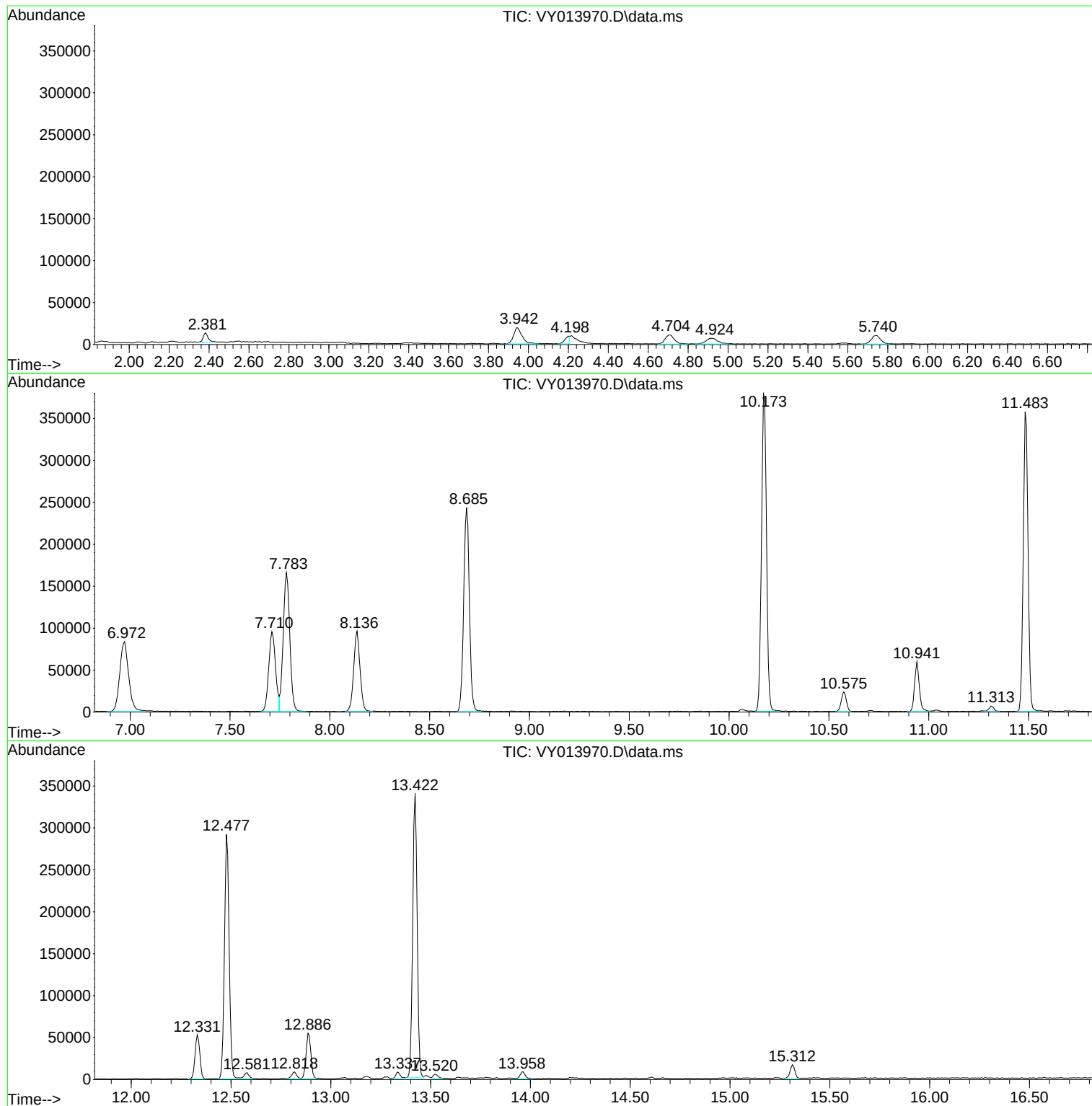
Sum of corrected areas: 4409185

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Quant Title : SW846 8260

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



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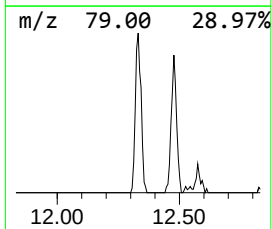
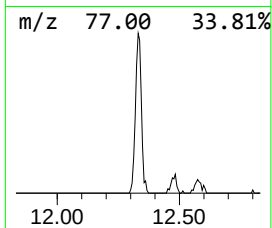
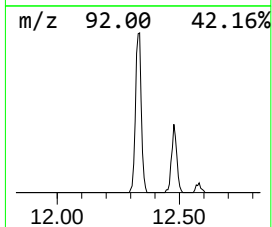
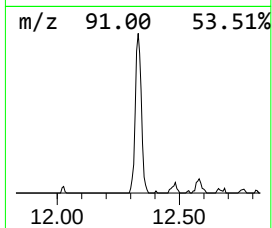
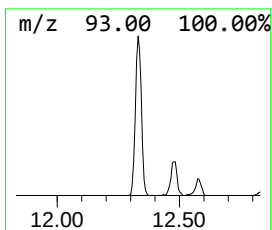
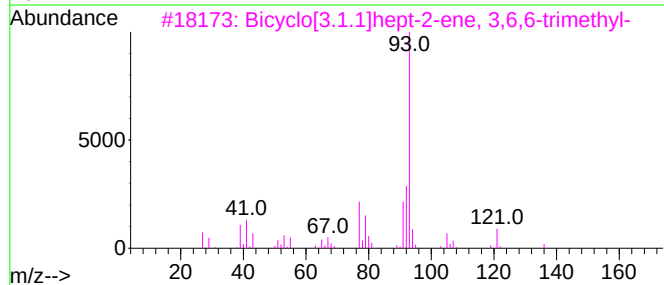
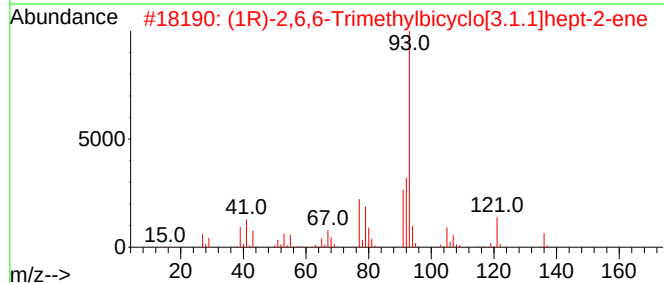
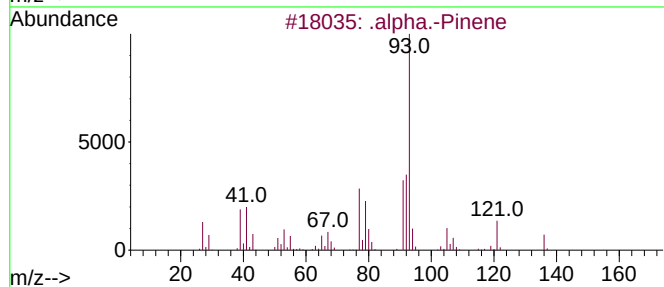
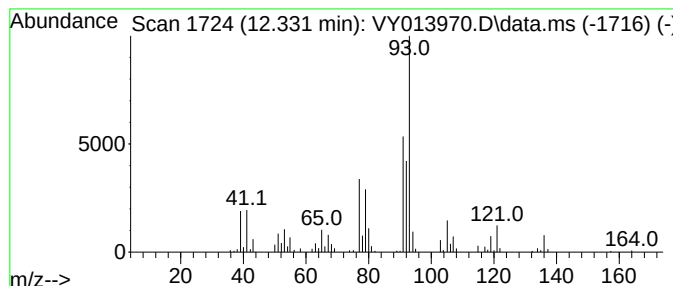
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260

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

Peak Number 3 .alpha.-Pinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.331	7.45 ug/l	87666	Chlorobenzene-d5	11.483

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.alpha.-Pinene	136	C10H16	000080-56-8	95
2	(1R)-2,6,6-Trimethylbicyclo[3.1...			136	C10H16	007785-70-8	94
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...			136	C10H16	004889-83-2	91
4	(1S)-2,6,6-Trimethylbicyclo[3.1...			136	C10H16	007785-26-4	90
5	.gamma.-Terpinene			136	C10H16	000099-85-4	87



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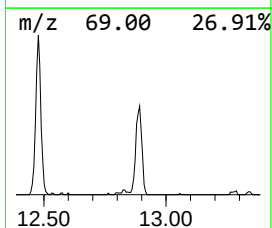
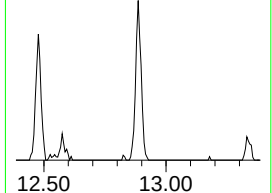
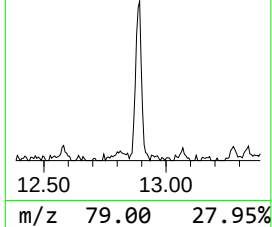
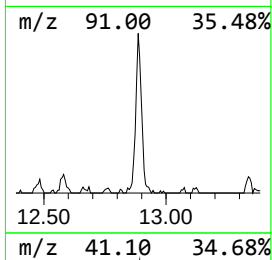
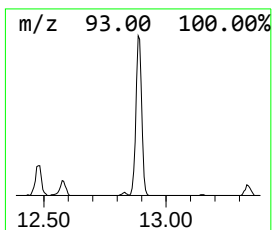
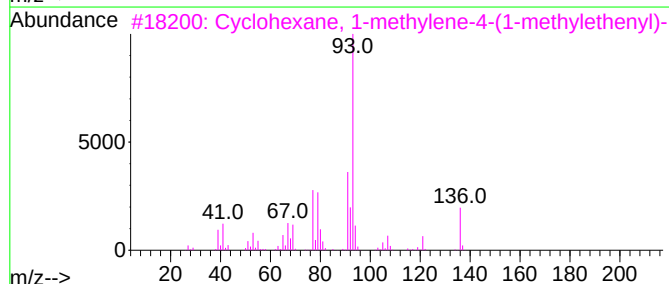
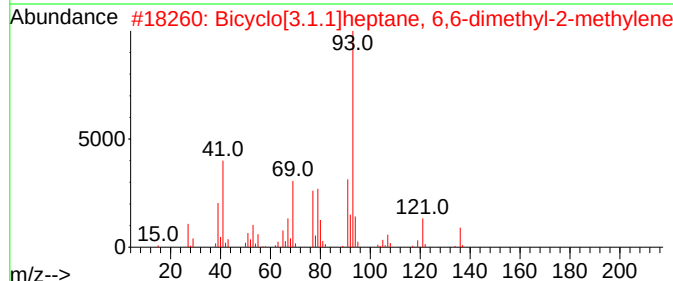
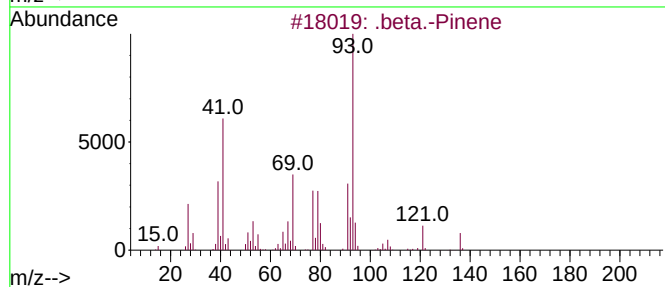
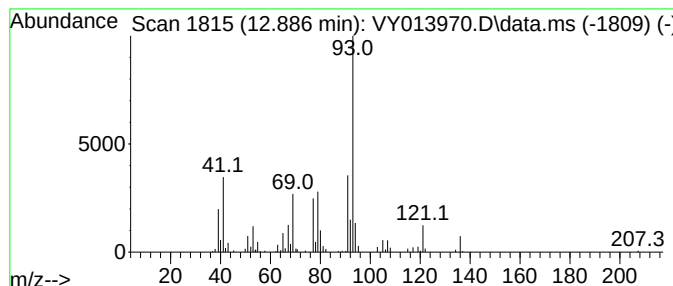
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Peak Number 4 .beta.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.886	8.44 ug/l	89486	1,4-Dichlorobenzene-d4	13.422	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	96
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96
3	Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	91
4	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	91
5	.alpha.-Pinene	136	C10H16	000080-56-8	91



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.331	7.5	ug/l	87666	3	11.483	588395	50.0
.beta.-Pinene	12.886	8.4	ug/l	89486	4	13.422	530383	50.0