

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007782.D
 Acq On : 08 Mar 2022 16:04
 Operator : SY/MD
 Sample : N1833-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-03072022

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\82Y022822S.M
 Title : SW846 8260

Signal : TIC: VY007782.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.515	109	114	125	rBV3	9481	25771	1.97%	0.320%
2	4.716	463	475	484	rBV2	29550	87450	6.69%	1.087%
3	5.740	632	643	651	rBV5	6729	22419	1.72%	0.279%
4	7.722	959	968	973	rBV	201504	477038	36.52%	5.932%
5	7.789	973	979	992	rVB	316779	724045	55.43%	9.004%
6	8.143	1027	1037	1047	rBV2	197271	432059	33.07%	5.373%
7	8.691	1117	1127	1137	rBV	483106	934766	71.56%	11.624%
8	10.179	1362	1371	1379	rBV	769312	1306324	100.00%	16.245%
9	11.489	1578	1586	1596	rBV	712913	1143443	87.53%	14.219%
10	11.709	1611	1622	1630	rBV	9348	23976	1.84%	0.298%
11	12.337	1717	1725	1731	rBV	108196	181498	13.89%	2.257%
12	12.483	1741	1749	1756	rBV	553982	876037	67.06%	10.894%
13	12.581	1761	1765	1771	rVB3	25743	43405	3.32%	0.540%
14	12.733	1783	1790	1793	rBV4	10018	18319	1.40%	0.228%
15	12.794	1793	1800	1808	rVB4	36262	89280	6.83%	1.110%
16	12.910	1813	1819	1823	rVV4	12257	20901	1.60%	0.260%
17	13.038	1836	1840	1848	rVB8	10745	20611	1.58%	0.256%
18	13.117	1848	1853	1858	rBV2	14377	23153	1.77%	0.288%
19	13.343	1879	1890	1893	rBV5	40133	84411	6.46%	1.050%
20	13.422	1897	1903	1913	rVB	709089	1085235	83.08%	13.495%
21	13.623	1929	1936	1940	rBV6	7267	13823	1.06%	0.172%
22	13.751	1951	1957	1961	rBV	34474	48592	3.72%	0.604%
23	13.873	1972	1977	1980	rBV6	10815	16507	1.26%	0.205%
24	13.965	1988	1992	1997	rVB6	9776	15802	1.21%	0.197%
25	14.074	2006	2010	2016	rBV4	8096	14647	1.12%	0.182%
26	14.257	2034	2040	2044	rBV9	8382	19617	1.50%	0.244%
27	14.312	2044	2049	2056	rVB	40849	73067	5.59%	0.909%
28	14.568	2087	2091	2095	rBV5	14483	25802	1.98%	0.321%
29	14.611	2095	2098	2103	rVB3	16427	21964	1.68%	0.273%
30	14.684	2103	2110	2114	rBV7	12998	29778	2.28%	0.370%
31	14.733	2114	2118	2125	rVB7	13849	23738	1.82%	0.295%
32	14.836	2130	2135	2140	rVB2	8939	14799	1.13%	0.184%
33	14.940	2146	2152	2157	rBV4	27398	44692	3.42%	0.556%
34	15.056	2165	2171	2174	rBV8	7064	13635	1.04%	0.170%
35	15.129	2179	2183	2191	rVB10	8783	16124	1.23%	0.201%
36	15.434	2229	2233	2241	rVB7	6784	14006	1.07%	0.174%

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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

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37	15.720	2277	2280	2286	rVB7	8667	14795	1.13%	0.184%
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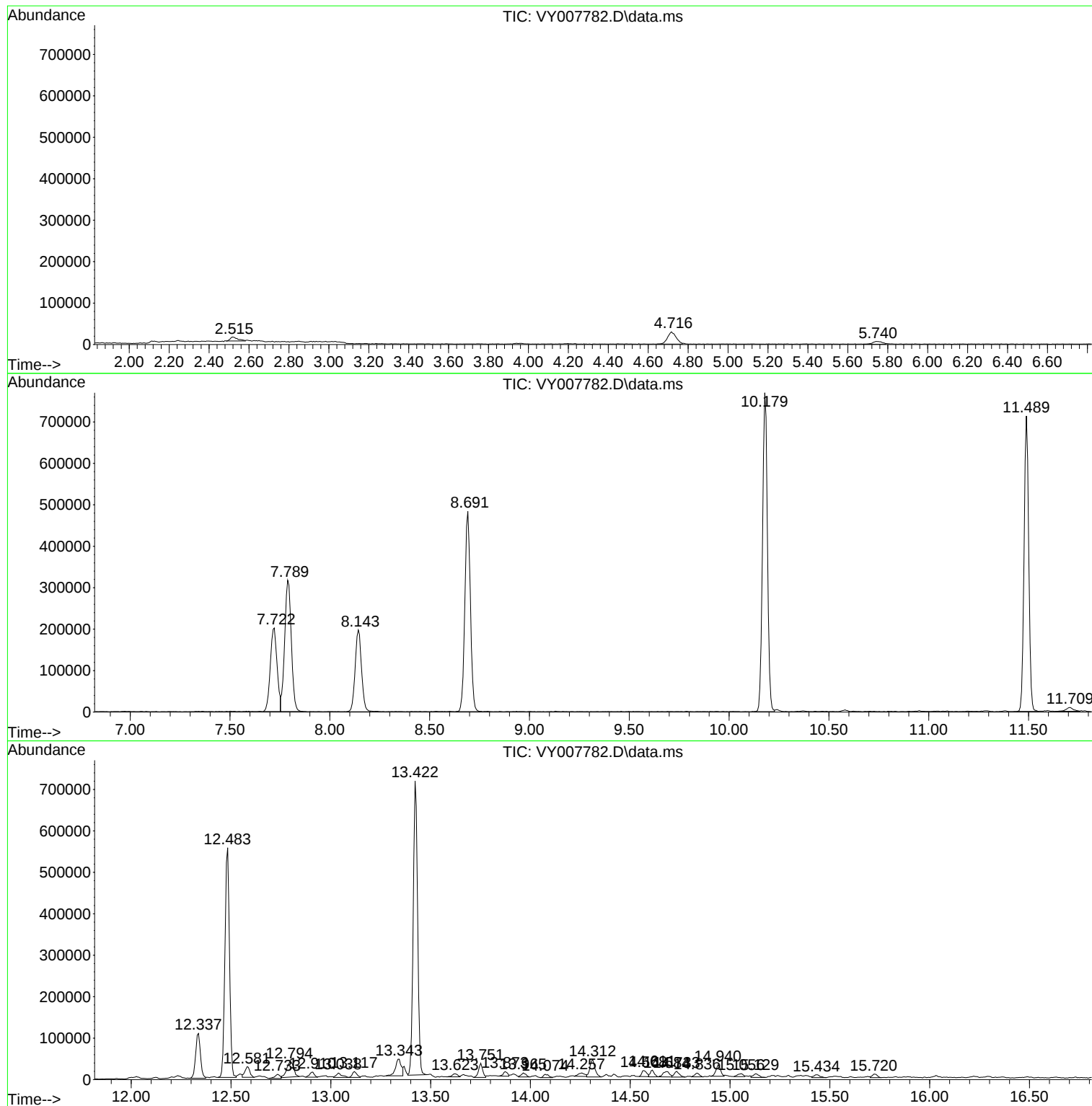
Sum of corrected areas: 8041529

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

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



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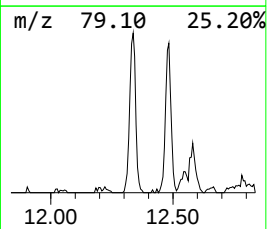
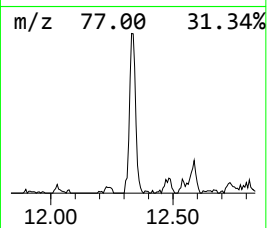
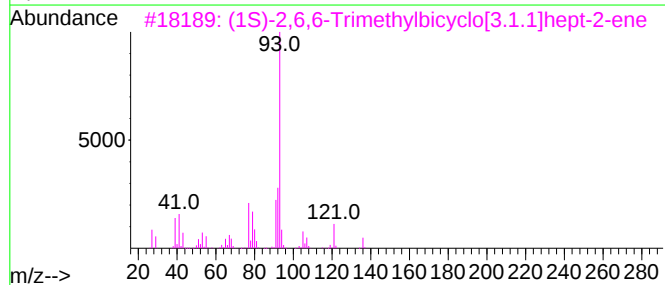
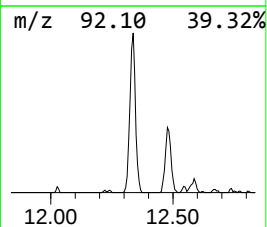
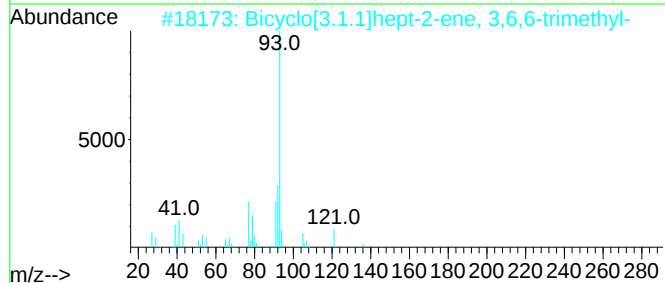
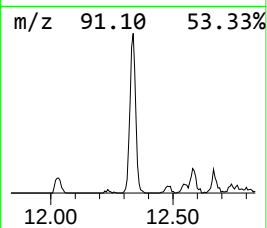
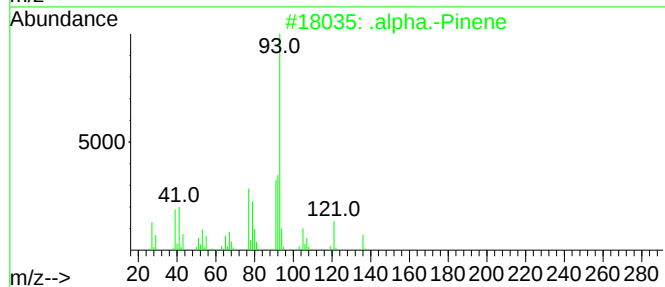
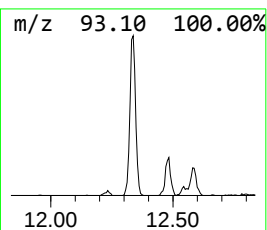
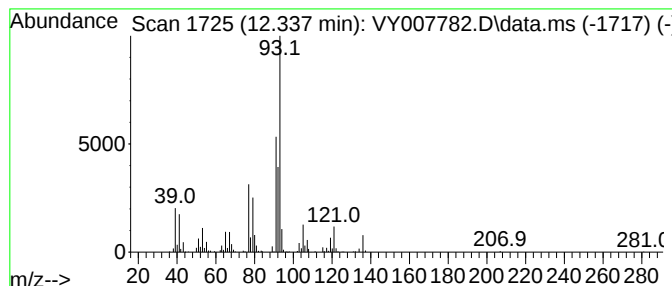
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Peak Number 2 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.337	7.94 ug/l	181498	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Pinene	136	C10H16	000080-56-8	97
2			Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
3			(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91
4			(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
5			(+)-3-Carene	136	C10H16	000498-15-7	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.337	7.9	ug/l	181498	3	11.490	1143440	50.0