LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
Data File : VY018450.D
Acq On : 03 Jun 2024 19:08
Operator : SY/MD
Sample : P2683-01
Misc : 5.21g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

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\82Y060324S.M
Title : SW846 8260

Signal : TIC: VY018450.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.119	41	49	50	rBV6	3015	5698	1.56%	0.290%
2	2.711	143	146	149	rBV5	2516	3662	1.00%	0.187%
3	4.698	462	472	480	rBV6	5346	13871	3.79%	0.707%
4	7.704	956	965	971	rBV2	39964	95513	26.10%	4.866%
5	7.777	971	977	986	rVB	66491	157167	42.95%	8.007%
6	8.130	1027	1035	1045	rBV2	36429	82435	22.53%	4.200%
7	8.679	1117	1125	1134	rBV	114744	231544	63.27%	11.796%
8	10.173	1362	1370	1378	rBV	176863	307587	84.05%	15.670%
9	10.569	1432	1435	1442	rVB5	2458	3815	1.04%	0.194%
10	11.483	1579	1585	1593	rBV	148316	237679	64.94%	12.109%
11	12.038	1671	1676	1682	rVB7	3297	5861	1.60%	0.299%
12	12.227	1703	1707	1713	rVB5	2159	4026	1.10%	0.205%
13	12.331	1717	1724	1734	rVV	227114	365970	100.00%	18.645%
14	12.477	1739	1748	1756	rBV	91716	153245	41.87%	7.807%
15	12.581	1756	1765	1772	rVB	57331	95352	26.05%	4.858%
16	12.886	1809	1815	1823	rVB2	9313	15484	4.23%	0.789%
17	13.270	1873	1878	1881	rBV6	2550	4059	1.11%	0.207%
18	13.337	1884	1889	1892	rBV5	6891	10738	2.93%	0.547%
19	13.422	1897	1903	1913	rVB	100847	154633	42.25%	7.878%
20	15.184	2186	2192	2198	rVB4	8695	14533	3.97%	0.740%

Sum of corrected areas: 1962872

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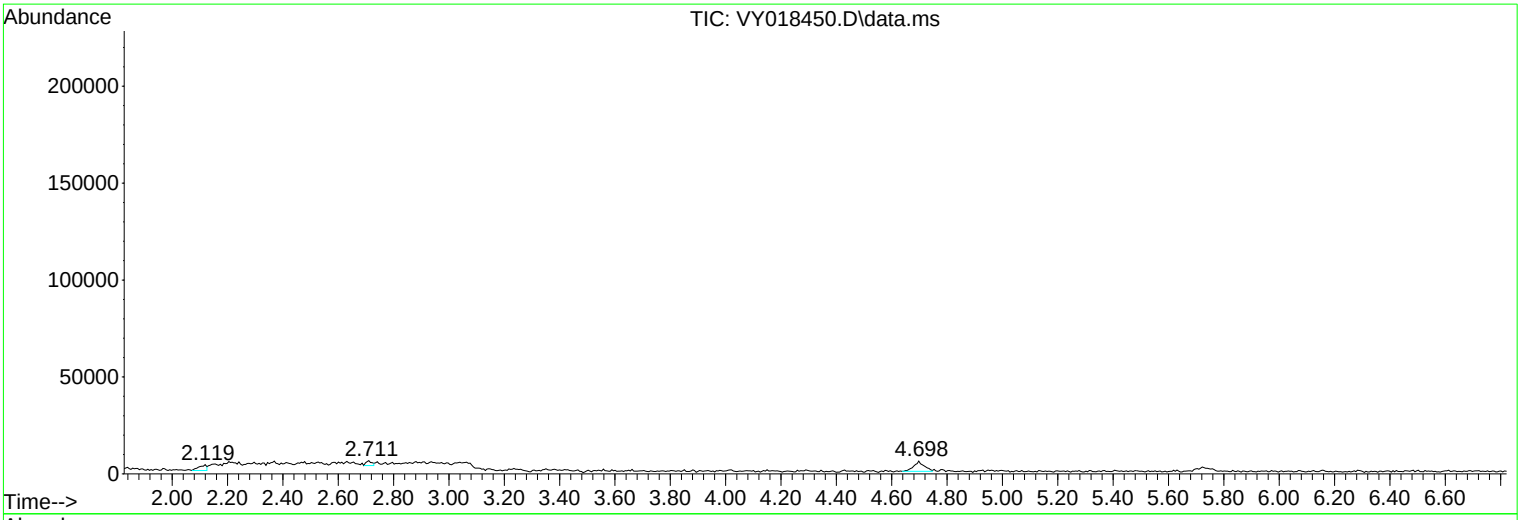
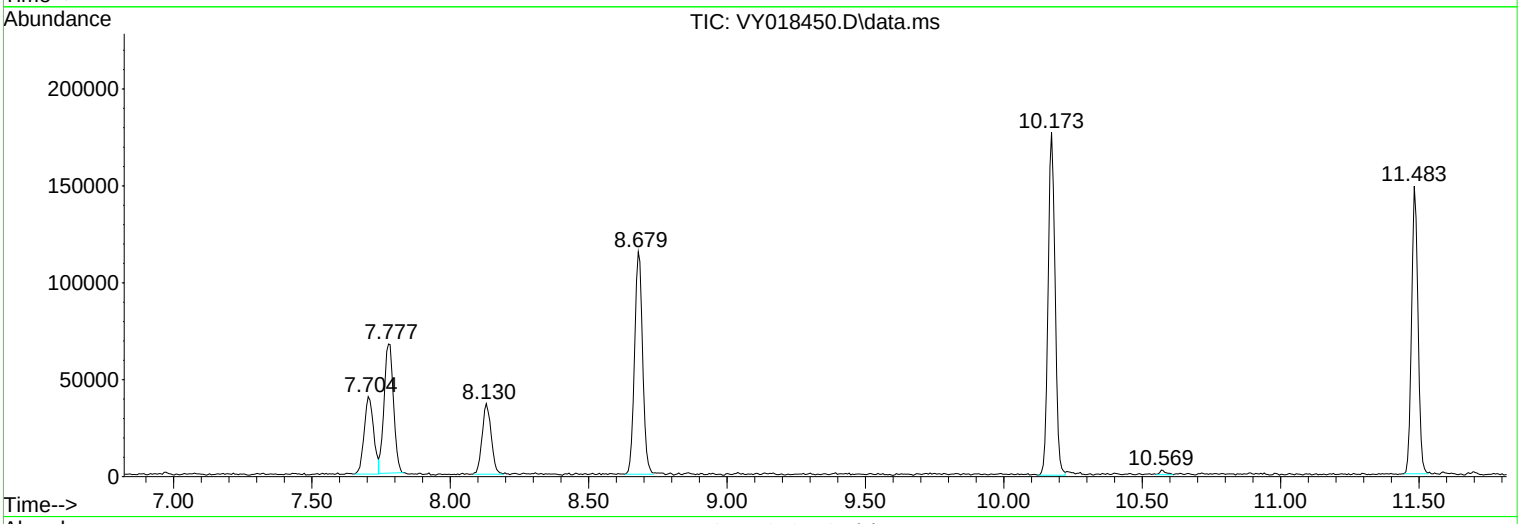
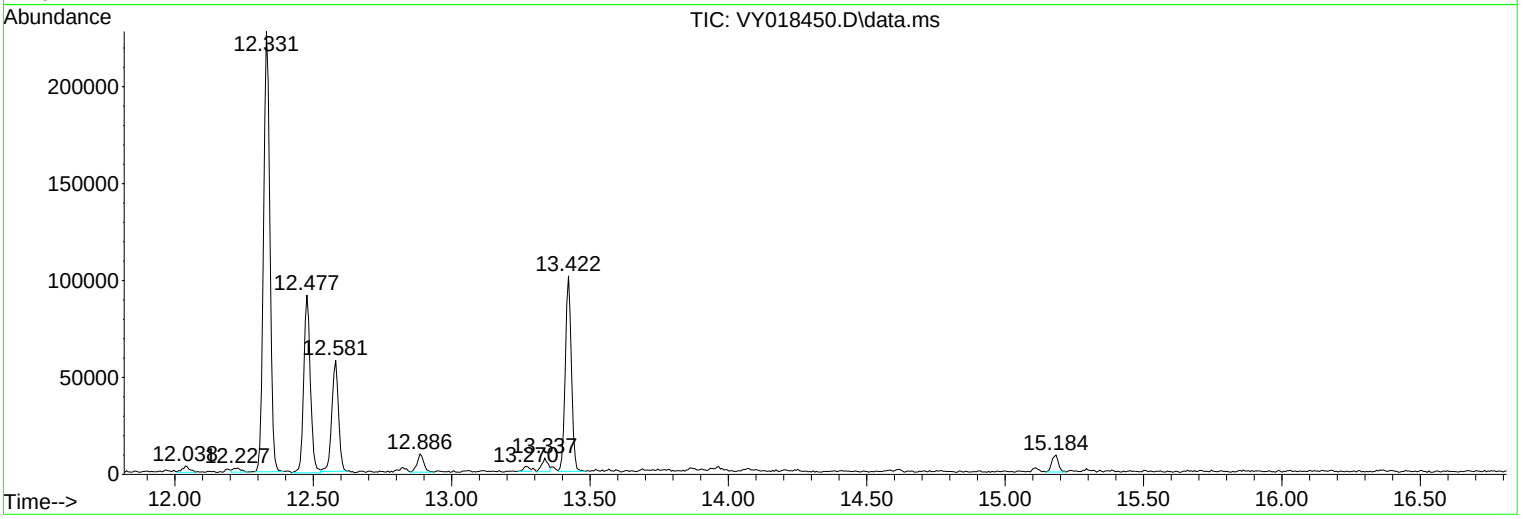
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
Quant Title : SW846 8260

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







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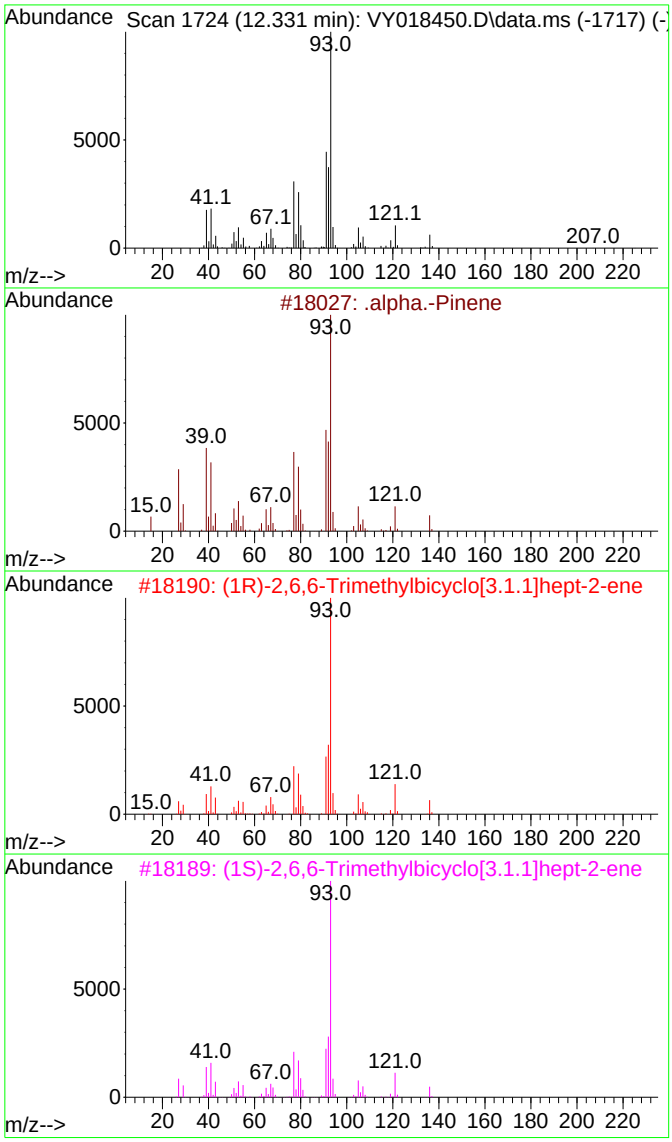
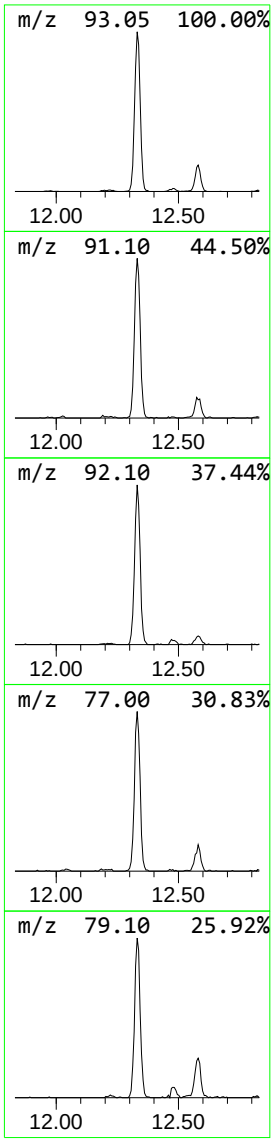
Peak Number 1 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.331	76.99 ug/l	365970	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	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
5	(+)-3-Carene	136	C10H16	000498-15-7	90





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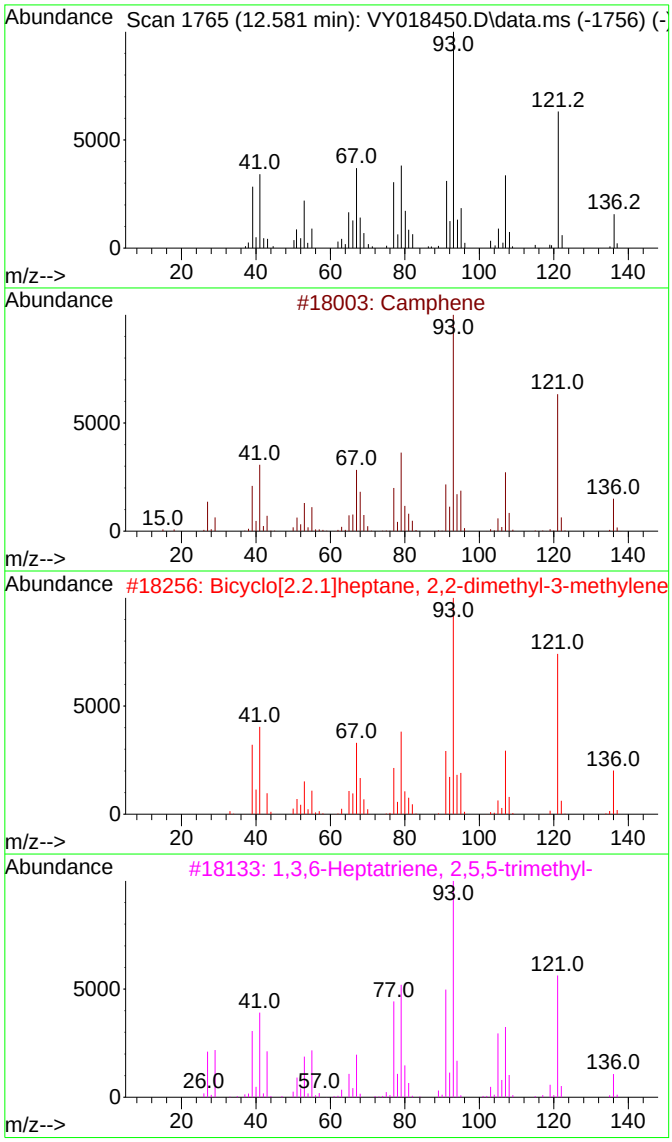
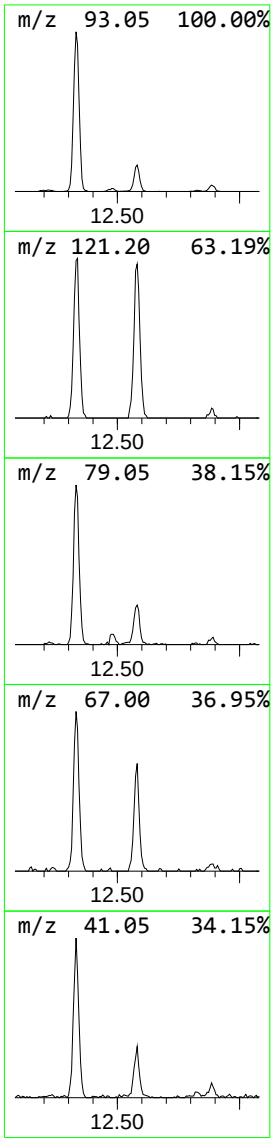
Peak Number 2 Camphene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.581	30.83 ug/l	95352	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	95
2	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	93
3	1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	91
4	Cyclohexene, 1-methyl-3-(1-methy...	136	C10H16	000499-03-6	91
5	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	90





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MSVOA_Y
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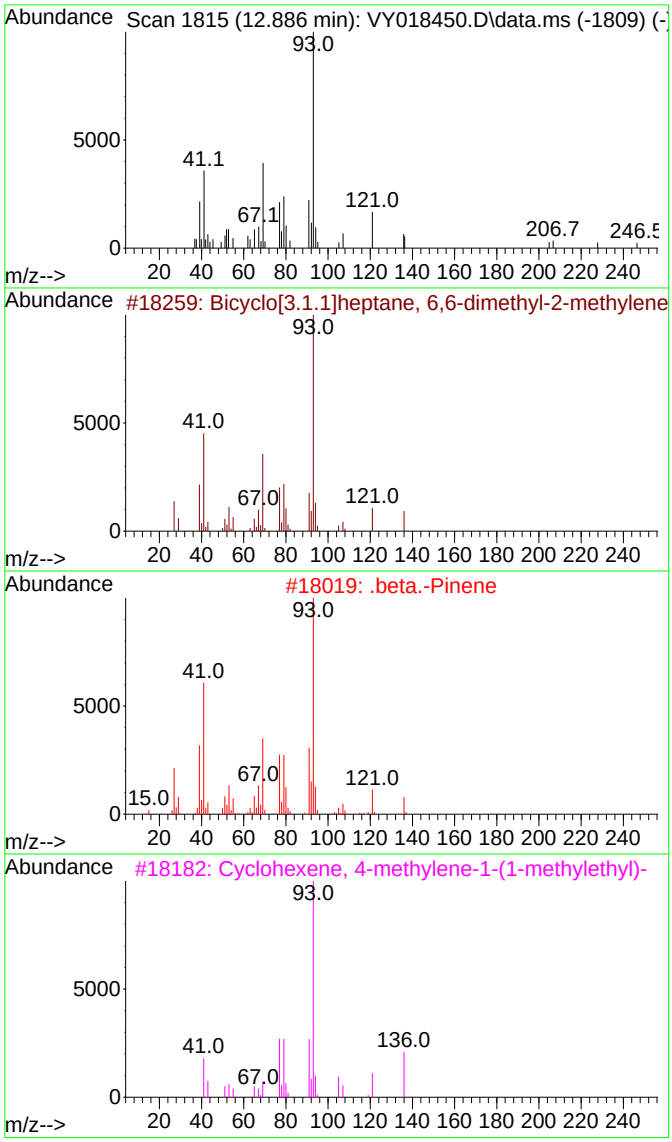
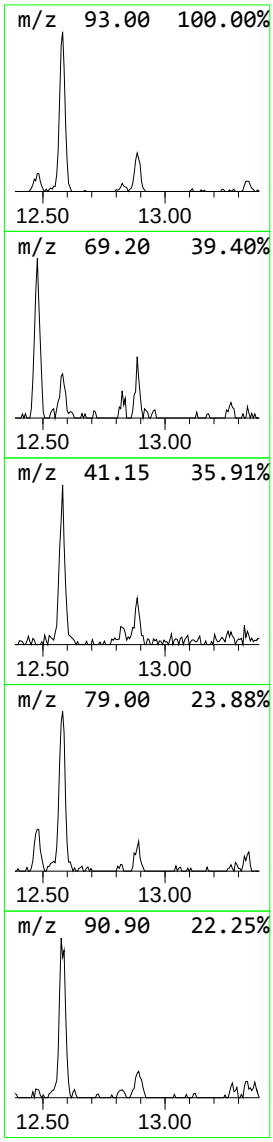
Peak Number 3 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	5.01 ug/l	15484	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	94
2	.beta.-Pinene	136	C10H16	000127-91-3	91
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	.beta.-Myrcene	136	C10H16	000123-35-3	87





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
.alpha.-Pinene	12.331	77.0	ug/l	365970	3	11.483	237679	50.0
Camphene	12.581	30.8	ug/l	95352	4	13.422	154633	50.0
Bicyclo[3.1.1]h...	12.886	5.0	ug/l	15484	4	13.422	154633	50.0