LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
Data File : VW011260.D
Acq On : 15 Jul 2019 14:48
Operator : SY/VA
Sample : K3760-09RE
Misc : 6.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Y9RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_W\METHOD\SOM2WLM070219S.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.153	38	41	48	rBV3	7726	13857	2.01%	0.288%
2	2.342	67	72	83	rVB	42492	71011	10.32%	1.478%
3	2.879	156	160	171	rVB	28893	61533	8.94%	1.281%
4	3.848	310	319	322	rBV4	1363	3457	0.50%	0.072%
5	4.001	334	344	357	rBV	72086	212815	30.92%	4.429%
6	4.263	386	387	389	rBV2	424	245	0.04%	0.005%
7	4.354	400	402	404	rBV2	458	367	0.05%	0.008%
8	4.562	435	436	438	rBV2	289	286	0.04%	0.006%
9	4.909	485	493	505	rVB2	9258	29305	4.26%	0.610%
10	5.049	514	516	518	rVB	467	238	0.03%	0.005%
11	5.128	525	529	530	rBV2	441	393	0.06%	0.008%
12	5.147	530	532	535	rVV	248	234	0.03%	0.005%
13	5.232	544	546	548	rVB2	220	214	0.03%	0.004%
14	5.275	551	553	555	rVB2	381	295	0.04%	0.006%
15	5.299	555	557	559	rBV2	427	290	0.04%	0.006%
16	5.342	563	564	566	rBV2	431	379	0.06%	0.008%
17	5.537	594	596	598	rBV2	342	265	0.04%	0.006%
18	5.574	600	602	608	rVV3	329	416	0.06%	0.009%
19	5.744	629	630	632	rBV2	382	336	0.05%	0.007%
20	5.848	644	647	651	rBV3	395	738	0.11%	0.015%
21	5.933	653	661	670	rVB5	4816	14771	2.15%	0.307%
22	6.025	675	676	678	rVB2	474	282	0.04%	0.006%
23	6.043	678	679	680	rBV2	445	266	0.04%	0.006%
24	6.098	686	688	689	rBV2	365	271	0.04%	0.006%
25	6.147	694	696	697	rBV	338	287	0.04%	0.006%
26	6.342	725	728	732	rBV2	480	562	0.08%	0.012%
27	6.390	735	736	737	rBV	339	225	0.03%	0.005%
28	6.537	757	760	763	rBV2	311	500	0.07%	0.010%
29	6.677	782	783	784	rBV	306	215	0.03%	0.004%
30	6.695	784	786	789	rVV	521	531	0.08%	0.011%
31	6.750	789	795	798	rVB3	409	785	0.11%	0.016%
32	6.793	800	802	804	rVB3	417	276	0.04%	0.006%
33	6.817	804	806	809	rBV2	280	367	0.05%	0.008%
34	7.079	840	849	866	rBV	27355	88725	12.89%	1.847%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Y9RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Title : VOC Analysis

35	7.366	895	896	899	rVB	427	275	0.04%	0.006%
36	7.427	905	906	909	rVV2	348	242	0.04%	0.005%
37	7.482	914	915	916	rBV	637	285	0.04%	0.006%
38	7.524	921	922	924	rBV	350	276	0.04%	0.006%
39	7.646	931	942	953	rBV	112780	276911	40.23%	5.763%
40	7.768	960	962	963	rVB2	495	236	0.03%	0.005%
41	7.866	972	978	979	rBV3	1118	1727	0.25%	0.036%
42	7.951	986	992	999	rVB5	3457	7839	1.14%	0.163%
43	8.006	999	1001	1002	rBV	400	291	0.04%	0.006%
44	8.079	1011	1013	1015	rBV2	345	309	0.04%	0.006%
45	8.134	1020	1022	1023	rBV	323	214	0.03%	0.004%
46	8.152	1023	1025	1026	rBV	422	350	0.05%	0.007%
47	8.207	1032	1034	1035	rBV2	294	282	0.04%	0.006%
48	8.274	1035	1045	1061	rVV2	225641	688357	100.00%	14.326%
49	8.664	1107	1109	1110	rBV	439	432	0.06%	0.009%
50	8.695	1112	1114	1116	rVV3	845	804	0.12%	0.017%
51	8.841	1126	1138	1146	rBV	241934	486717	70.71%	10.129%
52	9.024	1166	1168	1169	rBV2	517	521	0.08%	0.011%
53	9.274	1199	1209	1224	rBV	167456	344083	49.99%	7.161%
54	9.457	1237	1239	1242	rVB4	304	214	0.03%	0.004%
55	9.542	1251	1253	1254	rBV	299	284	0.04%	0.006%
56	9.652	1267	1271	1272	rBV	1485	1785	0.26%	0.037%
57	9.817	1296	1298	1299	rBV	419	229	0.03%	0.005%
58	9.835	1299	1301	1304	rBV2	266	399	0.06%	0.008%
59	9.939	1315	1318	1319	rBV2	197	217	0.03%	0.005%
60	10.036	1326	1334	1344	rBV	74330	137498	19.97%	2.862%
61	10.243	1366	1368	1372	rVB2	353	424	0.06%	0.009%
62	10.323	1373	1381	1388	rBV	287868	501544	72.86%	10.438%
63	10.469	1404	1405	1407	rBV2	317	278	0.04%	0.006%
64	10.499	1407	1410	1414	rVB4	838	1270	0.18%	0.026%
65	10.579	1414	1423	1431	rBV	49151	86492	12.56%	1.800%
66	10.664	1436	1437	1438	rVV	559	322	0.05%	0.007%
67	10.701	1439	1443	1451	rVV2	2444	4626	0.67%	0.096%
68	10.865	1466	1470	1473	rVB3	674	830	0.12%	0.017%
69	10.926	1473	1480	1489	rBV	84585	147613	21.44%	3.072%
70	11.030	1492	1497	1502	rVB6	4155	7365	1.07%	0.153%
71	11.146	1515	1516	1518	rBV2	442	256	0.04%	0.005%

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Misc : 6.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Y9RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_W\METHOD\SOM2WLM070219S.M
Title : VOC Analysis

72	11.176	1518	1521	1523	rBV3	414	536	0.08%	0.011%
73	11.231	1528	1530	1531	rVV2	462	299	0.04%	0.006%
74	11.280	1535	1538	1540	rBV3	392	506	0.07%	0.011%
75	11.396	1555	1557	1559	rBV2	283	299	0.04%	0.006%
76	11.463	1567	1568	1571	rBV	221	222	0.03%	0.005%
77	11.511	1571	1576	1579	rBV3	570	797	0.12%	0.017%
78	11.542	1579	1581	1584	rBV2	246	267	0.04%	0.006%
79	11.633	1588	1596	1604	rBV	302713	518344	75.30%	10.788%
80	11.835	1624	1629	1634	rBV3	3585	6151	0.89%	0.128%
81	11.902	1639	1640	1642	rVB2	366	210	0.03%	0.004%
82	11.926	1642	1644	1646	rVB2	378	243	0.04%	0.005%
83	11.950	1646	1648	1652	rBV2	502	757	0.11%	0.016%
84	12.182	1680	1686	1694	rVB5	4293	8601	1.25%	0.179%
85	12.475	1727	1734	1742	rVV	39381	67266	9.77%	1.400%
86	12.542	1743	1745	1747	rVV3	698	555	0.08%	0.012%
87	12.609	1751	1756	1762	rVV4	4606	8800	1.28%	0.183%
88	12.694	1763	1770	1780	rVB	123571	224931	32.68%	4.681%
89	12.871	1796	1799	1800	rBV	600	537	0.08%	0.011%
90	12.932	1805	1809	1811	rBV3	2375	3324	0.48%	0.069%
91	13.023	1822	1824	1826	rBV2	848	781	0.11%	0.016%
92	13.158	1842	1846	1850	rBV4	4444	6595	0.96%	0.137%
93	13.219	1851	1856	1860	rBV	10371	16350	2.38%	0.340%
94	13.401	1884	1886	1891	rVB5	823	937	0.14%	0.020%
95	13.475	1893	1898	1904	rVV6	4116	7613	1.11%	0.158%
96	13.560	1905	1912	1920	rVB	240215	391928	56.94%	8.157%
97	13.853	1953	1960	1968	rBV	196945	323177	46.95%	6.726%
98	14.072	1992	1996	2005	rVB2	2535	4770	0.69%	0.099%
99	15.303	2196	2198	2204	rVB4	1936	2408	0.35%	0.050%
100	15.419	2215	2217	2222	rBV6	712	1227	0.18%	0.026%

Sum of corrected areas: 4804965

LSC Report - Integrated Chromatogram

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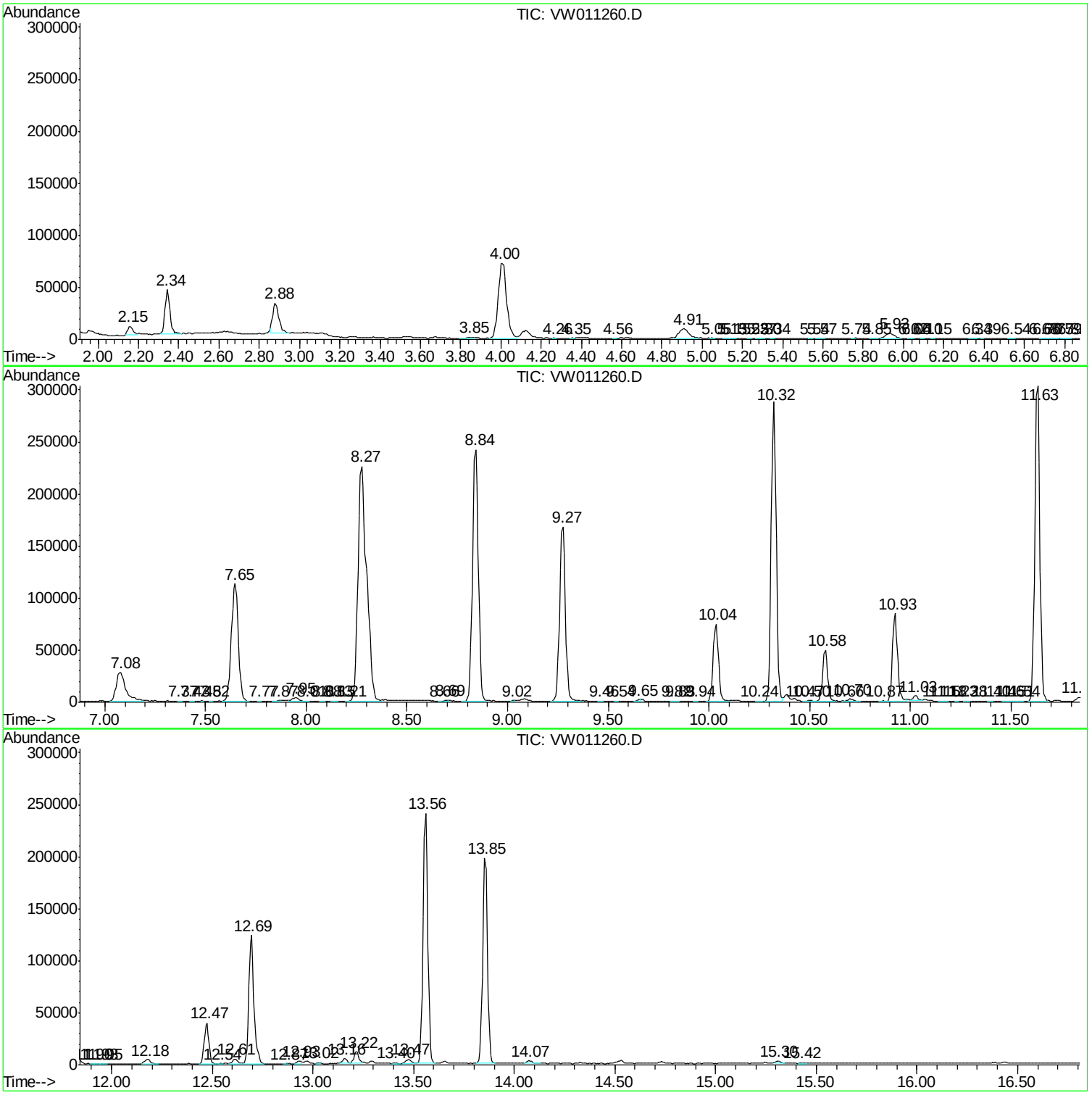
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Y9RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071519\
Data File : VW011260.D
Acq On : 15 Jul 2019 14:48
Operator : SY/VA
Sample : K3760-09RE
Misc : 6.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Y9RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

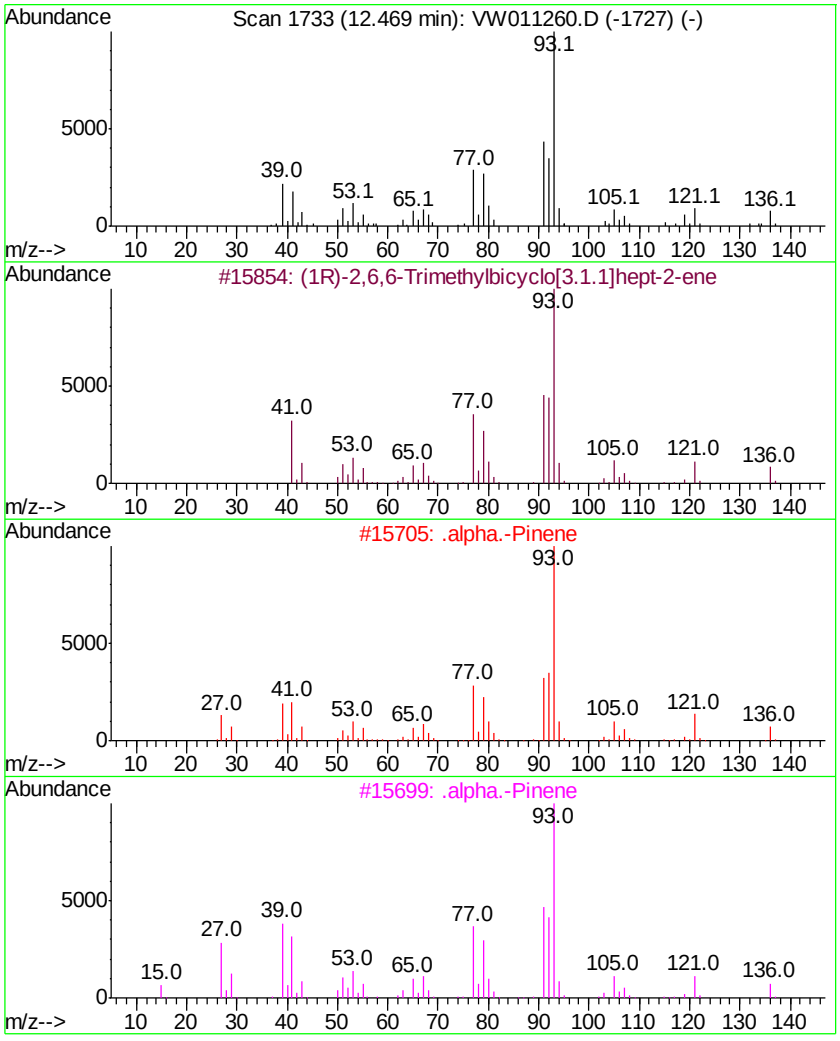
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

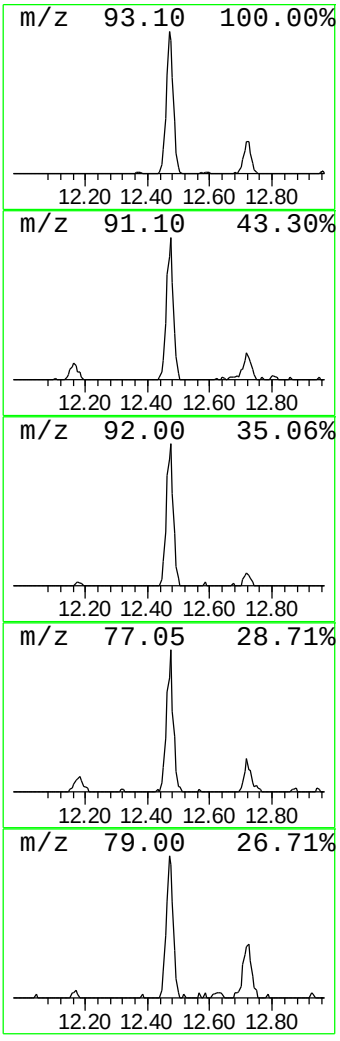
****

Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	3.24 ug/L	67266	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	97
2	.alpha.-Pinene	136	C10H16	000080-56-8	97
3	.alpha.-Pinene	136	C10H16	000080-56-8	95
4	.alpha.-Pinene	136	C10H16	000080-56-8	94
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	12.47	3.2	ug/L	67266	2	11.63	518344	25.0