LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121218\
Data File : VW007403.D
Acq On : 11 Dec 2018 18:00
Operator : SY/AP
Sample : J6271-16
Misc : 6.37G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E31

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\SOM2WLM120718S.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	3.471	255	257	260	rBB	109	121	0.18%	0.023%
2	3.501	260	262	265	rBB	82	100	0.15%	0.019%
3	3.568	271	273	275	rBV	110	109	0.16%	0.020%
4	3.733	297	300	301	rBB	130	106	0.16%	0.020%
5	3.879	321	324	328	rBB	76	123	0.18%	0.023%
6	3.922	329	331	332	rBV	101	105	0.16%	0.020%
7	4.013	337	346	355	rVB2	8482	21139	31.66%	3.964%
8	4.111	360	362	365	rBV2	209	250	0.37%	0.047%
9	4.287	389	391	395	rBB	91	99	0.15%	0.019%
10	4.403	407	410	413	rBB	146	177	0.27%	0.033%
11	4.769	468	470	472	rBV	183	137	0.21%	0.026%
12	4.830	478	480	481	rBV	171	138	0.21%	0.026%
13	4.909	486	493	496	rBV3	1018	2336	3.50%	0.438%
14	5.184	537	538	541	rBV3	113	117	0.18%	0.022%
15	5.531	593	595	598	rBB3	133	125	0.19%	0.023%
16	5.805	639	640	642	rBB3	169	116	0.17%	0.022%
17	6.043	677	679	682	rVB3	147	126	0.19%	0.024%
18	6.263	713	715	716	rBV3	152	107	0.16%	0.020%
19	6.391	734	736	738	rBV	192	144	0.22%	0.027%
20	6.433	740	743	744	rBV2	157	150	0.22%	0.028%
21	6.537	757	760	761	rBV	131	119	0.18%	0.022%
22	6.891	815	818	822	rBB	166	195	0.29%	0.037%
23	6.933	822	825	828	rBB	146	180	0.27%	0.034%
24	6.976	829	832	835	rBB	133	143	0.21%	0.027%
25	7.080	839	849	856	rBV2	3745	10971	16.43%	2.058%
26	7.232	871	874	876	rBB	119	124	0.19%	0.023%
27	7.354	888	894	896	rBB	160	277	0.41%	0.052%
28	7.488	913	916	917	rBV	187	154	0.23%	0.029%
29	7.549	923	926	928	rBV	131	171	0.26%	0.032%
30	7.653	934	943	956	rBB	11059	27517	41.21%	5.161%
31	7.860	975	977	980	rBB	109	101	0.15%	0.019%
32	7.958	991	993	996	rVB	140	129	0.19%	0.024%
33	7.988	996	998	1000	rBV	123	111	0.17%	0.021%
34	8.031	1002	1005	1006	rBV	107	103	0.15%	0.019%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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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\SOM2WLM120718S.M
Title : VOC Analysis

35	8.159	1025	1026	1029	rBV	86	103	0.15%	0.019%
36	8.275	1036	1045	1058	rBB3	20690	66779	100.00%	12.524%
37	8.360	1058	1059	1061	rBB3	145	100	0.15%	0.019%
38	8.841	1132	1138	1147	rVB	18963	37302	55.86%	6.996%
39	9.043	1164	1171	1174	rBB2	392	678	1.02%	0.127%
40	9.274	1202	1209	1216	rVV2	15026	29735	44.53%	5.577%
41	9.695	1276	1278	1280	rBV	118	109	0.16%	0.020%
42	9.756	1286	1288	1291	rBB	128	124	0.19%	0.023%
43	9.841	1299	1302	1305	rBB	151	176	0.26%	0.033%
44	9.884	1306	1309	1313	rBB	118	124	0.19%	0.023%
45	10.036	1327	1334	1342	rBB	9070	16089	24.09%	3.017%
46	10.128	1347	1349	1351	rBB	157	103	0.15%	0.019%
47	10.201	1360	1361	1365	rBB	142	155	0.23%	0.029%
48	10.244	1365	1368	1369	rBB	169	148	0.22%	0.028%
49	10.323	1373	1381	1390	rBB	30816	53155	79.60%	9.969%
50	10.390	1391	1392	1394	rBV	193	124	0.19%	0.023%
51	10.457	1401	1403	1406	rBV	77	130	0.19%	0.024%
52	10.494	1408	1409	1412	rBV	112	127	0.19%	0.024%
53	10.518	1412	1413	1417	rVB	248	145	0.22%	0.027%
54	10.579	1418	1423	1429	rBB2	6102	10593	15.86%	1.987%
55	10.750	1449	1451	1457	rVB2	204	252	0.38%	0.047%
56	10.817	1457	1462	1463	rBV2	493	644	0.96%	0.121%
57	10.927	1474	1480	1490	rBB	14272	23494	35.18%	4.406%
58	11.067	1499	1503	1506	rBV3	725	1062	1.59%	0.199%
59	11.262	1531	1535	1536	rBB3	146	143	0.21%	0.027%
60	11.347	1547	1549	1551	rBB3	146	129	0.19%	0.024%
61	11.439	1561	1564	1568	rBB	346	395	0.59%	0.074%
62	11.634	1590	1596	1603	rBB	26912	46523	69.67%	8.725%
63	12.006	1654	1657	1659	rBB	280	269	0.40%	0.050%
64	12.042	1659	1663	1668	rBB2	237	463	0.69%	0.087%
65	12.182	1683	1686	1687	rBB	129	133	0.20%	0.025%
66	12.377	1702	1718	1742	rBB7	6686	37259	55.79%	6.988%
67	12.615	1750	1757	1761	rBB2	1460	2332	3.49%	0.437%
68	12.694	1762	1770	1776	rBB	20102	30941	46.33%	5.803%
69	12.762	1777	1781	1782	rBV	209	146	0.22%	0.027%
70	13.194	1850	1852	1854	rBV	120	132	0.20%	0.025%
71	13.219	1854	1856	1859	rVB	548	439	0.66%	0.082%

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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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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Title : VOC Analysis

72	13.292	1867	1868	1869	rBV	230	164	0.25%	0.031%
73	13.322	1872	1873	1878	rBB	89	145	0.22%	0.027%
74	13.420	1887	1889	1891	rBB	162	117	0.18%	0.022%
75	13.560	1906	1912	1918	rBV	28512	45766	68.53%	8.583%
76	13.804	1951	1952	1955	rBV	150	135	0.20%	0.025%
77	13.859	1955	1961	1972	rVV	32629	54497	81.61%	10.220%
78	14.078	1991	1997	2002	rBV2	901	1546	2.32%	0.290%
79	14.316	2033	2036	2037	rBB2	140	112	0.17%	0.021%
80	14.341	2037	2040	2043	rBB	199	235	0.35%	0.044%
81	14.414	2050	2052	2054	rBB	127	105	0.16%	0.020%
82	14.438	2054	2056	2059	rBB	187	191	0.29%	0.036%
83	14.548	2071	2074	2076	rBV	119	136	0.20%	0.026%
84	14.743	2104	2106	2109	rVB	164	178	0.27%	0.033%
85	14.828	2116	2120	2122	rBB	205	203	0.30%	0.038%
86	14.920	2131	2135	2138	rBB	173	272	0.41%	0.051%
87	14.968	2139	2143	2145	rBV	198	208	0.31%	0.039%
88	15.036	2153	2154	2157	rVB	149	115	0.17%	0.022%
89	15.145	2171	2172	2174	rBV	197	153	0.23%	0.029%
90	15.353	2204	2206	2207	rBV	168	155	0.23%	0.029%
91	15.450	2218	2222	2224	rVB2	396	414	0.62%	0.078%
92	15.651	2252	2255	2257	rVB	210	180	0.27%	0.034%
93	15.737	2267	2269	2270	rBV	188	148	0.22%	0.028%
94	15.852	2286	2288	2290	rBV	255	174	0.26%	0.033%
95	15.919	2298	2299	2301	rBV	194	195	0.29%	0.037%
96	15.987	2308	2310	2311	rBV	249	157	0.24%	0.029%
97	16.151	2335	2337	2339	rVB2	229	135	0.20%	0.025%
98	16.182	2339	2342	2343	rBV2	207	223	0.33%	0.042%
99	16.383	2372	2375	2376	rBB	215	169	0.25%	0.032%
100	16.663	2420	2421	2422	rBV	183	115	0.17%	0.022%

Sum of corrected areas: 533218

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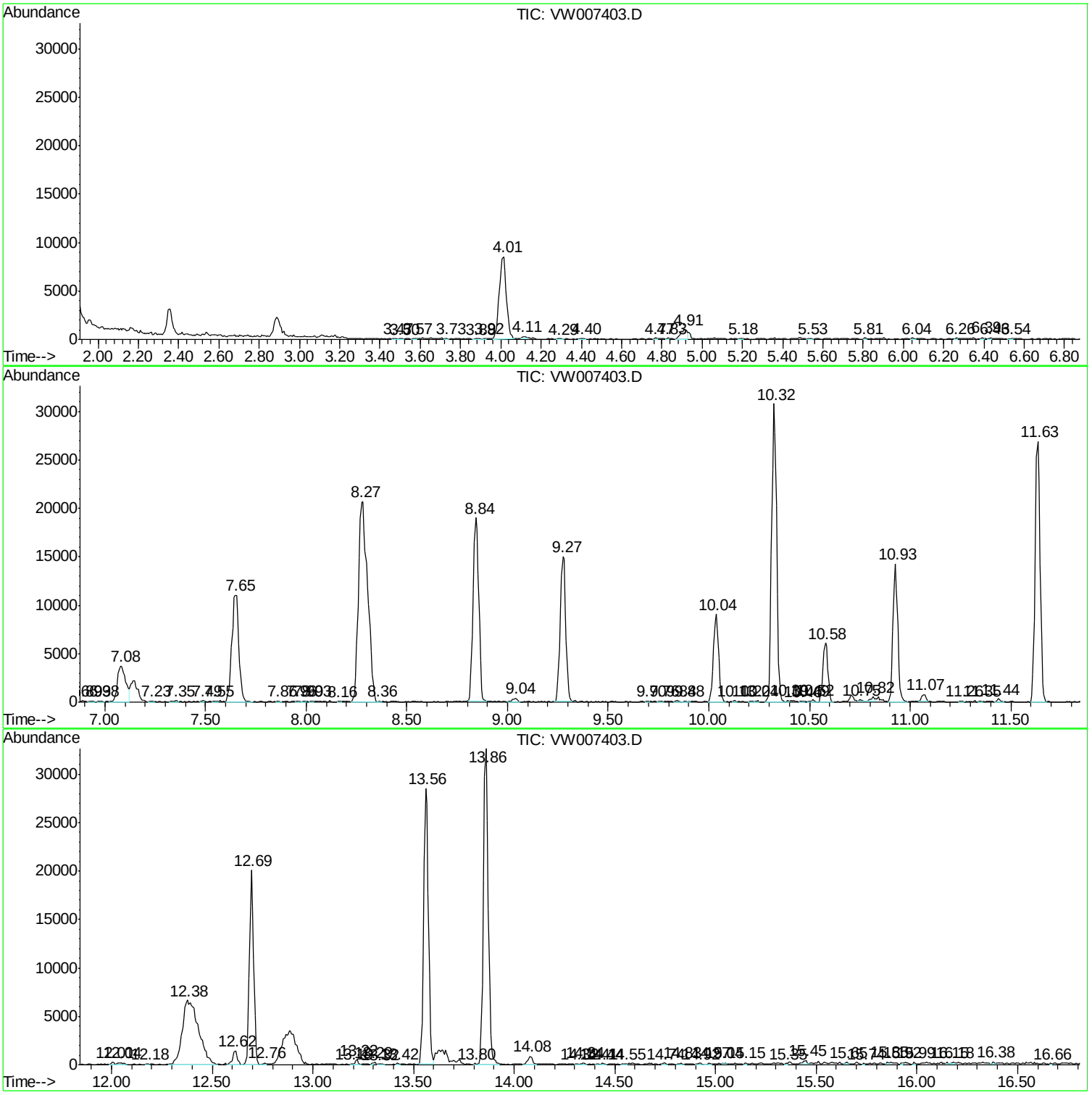
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121218\
Data File : VW007403.D
Acq On : 11 Dec 2018 18:00
Operator : SY/AP
Sample : J6271-16
Misc : 6.37G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E31

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

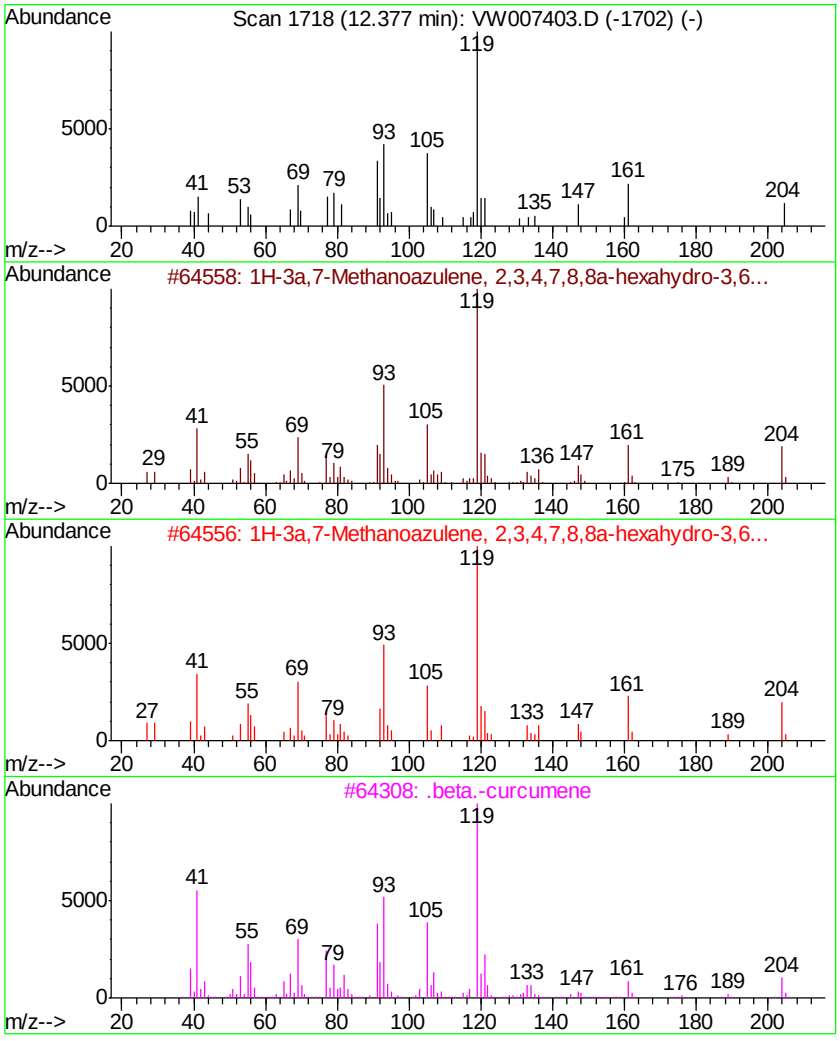
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

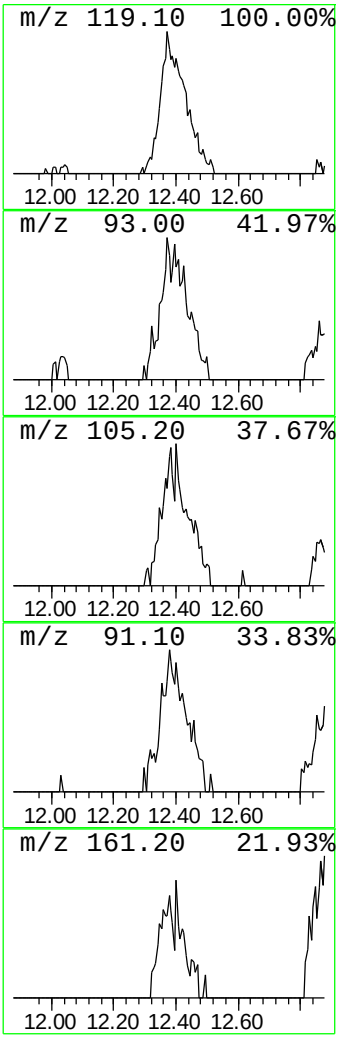
****

Peak Number 2 1H-3a,7-Methanoazulene, 2,3... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	20.02 ug/L	37259	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	91
2	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	86
3	.beta.-curcumene	204	C15H24	1000374-17-4	62
4	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	59
5	Di-epi-.alpha.-cedrene	204	C15H24	050894-66-1	53





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
1H-3a,7-Methanoaz...	12.38	20.0	ug/L	37259	2	11.63	46523	25.0