LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
Data File : VW009513.D
Acq On : 27 Mar 2019 21:37
Operator : SY/VA
Sample : VW0327SBL02
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK15

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\SOM2WLM031419S.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	2.148	37	40	45	rBV2	11473	22184	1.68%	0.210%
2	2.355	69	74	84	rVB	68425	145962	11.07%	1.382%
3	3.782	307	308	310	rBV	2533	1734	0.13%	0.016%
4	4.001	332	344	358	rBV2	119087	417046	31.63%	3.949%
5	4.489	423	424	425	rVB	2847	1042	0.08%	0.010%
6	4.513	425	428	431	rBV	2835	4624	0.35%	0.044%
7	4.629	446	447	449	rBV	1512	1331	0.10%	0.013%
8	4.794	473	474	477	rBV	1732	1916	0.15%	0.018%
9	4.824	477	479	481	rBV	2222	1834	0.14%	0.017%
10	5.104	523	525	530	rVB2	1750	2737	0.21%	0.026%
11	5.159	530	534	537	rBV2	1868	3687	0.28%	0.035%
12	5.342	560	564	565	rBV2	1803	2177	0.17%	0.021%
13	5.373	568	569	574	rVB	3348	3580	0.27%	0.034%
14	5.409	574	575	576	rBV	2066	1296	0.10%	0.012%
15	5.428	576	578	580	rVB	1982	1571	0.12%	0.015%
16	5.519	591	593	595	rBV	1983	1395	0.11%	0.013%
17	5.617	607	609	610	rVB	1516	1052	0.08%	0.010%
18	5.653	610	615	617	rBV	2708	3410	0.26%	0.032%
19	5.708	622	624	625	rBV	1080	1097	0.08%	0.010%
20	5.769	632	634	637	rVB	2139	1393	0.11%	0.013%
21	5.812	639	641	643	rVB	1357	1256	0.10%	0.012%
22	5.848	643	647	648	rBV	1684	1855	0.14%	0.018%
23	5.921	651	659	669	rVB4	13546	39823	3.02%	0.377%
24	6.068	681	683	685	rVB	1954	1635	0.12%	0.015%
25	6.104	685	689	691	rBV	2190	3278	0.25%	0.031%
26	6.129	691	693	696	rVB	1952	2034	0.15%	0.019%
27	6.275	715	717	720	rBV	1681	1452	0.11%	0.014%
28	6.306	720	722	723	rBV2	1572	1226	0.09%	0.012%
29	6.324	723	725	727	rVB2	1885	1532	0.12%	0.015%
30	6.616	771	773	776	rBV	1520	1385	0.11%	0.013%
31	6.751	793	795	797	rBV	2452	2453	0.19%	0.023%
32	6.879	815	816	819	rBV	1758	2105	0.16%	0.020%
33	6.921	821	823	824	rBV	1988	1317	0.10%	0.012%
34	6.976	830	832	833	rBV2	1812	1446	0.11%	0.014%

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Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK15

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\SOM2WLM031419S.M
Title : VOC Analysis

35	7.007	835	837	839	rVV	1290	1116	0.08%	0.011%
36	7.074	840	848	864	rVV	51491	148027	11.23%	1.402%
37	7.226	871	873	876	rVB	2714	2480	0.19%	0.023%
38	7.391	896	900	901	rVV3	2112	2742	0.21%	0.026%
39	7.409	901	903	905	rVB2	2275	1414	0.11%	0.013%
40	7.561	927	928	931	rVB	2420	1601	0.12%	0.015%
41	7.641	931	941	951	rBV	252190	601090	45.58%	5.692%
42	7.738	955	957	959	rBV	1830	1084	0.08%	0.010%
43	7.817	966	970	972	rBV2	1777	2327	0.18%	0.022%
44	7.988	997	998	1000	rBV	1517	1294	0.10%	0.012%
45	8.055	1003	1009	1011	rVB2	2362	3697	0.28%	0.035%
46	8.073	1011	1012	1016	rBV	1212	1721	0.13%	0.016%
47	8.269	1034	1044	1058	rBV2	420195	1318627	100.00%	12.486%
48	8.458	1072	1075	1077	rBV2	1560	2626	0.20%	0.025%
49	8.671	1108	1110	1112	rBV	2748	2638	0.20%	0.025%
50	8.836	1128	1137	1146	rBV	472365	943700	71.57%	8.936%
51	9.043	1169	1171	1173	rBV	2094	2127	0.16%	0.020%
52	9.268	1200	1208	1222	rBV	318508	660184	50.07%	6.251%
53	9.439	1234	1236	1237	rBV	1334	1268	0.10%	0.012%
54	9.457	1237	1239	1241	rVV	3000	2980	0.23%	0.028%
55	9.567	1256	1257	1260	rBV3	1299	1327	0.10%	0.013%
56	9.707	1278	1280	1281	rBV	1908	1752	0.13%	0.017%
57	9.756	1283	1288	1296	rVB3	16057	32066	2.43%	0.304%
58	9.890	1303	1310	1317	rBV3	37619	82507	6.26%	0.781%
59	10.030	1326	1333	1341	rBV	170855	304020	23.06%	2.879%
60	10.183	1356	1358	1360	rVB	1800	1410	0.11%	0.013%
61	10.244	1360	1368	1373	rBV3	22526	45395	3.44%	0.430%
62	10.323	1374	1381	1388	rVV	581977	1026242	77.83%	9.718%
63	10.573	1416	1422	1432	rBV	116552	200924	15.24%	1.903%
64	10.707	1438	1444	1448	rVB3	10255	20551	1.56%	0.195%
65	10.841	1460	1466	1472	rBV4	11533	25720	1.95%	0.244%
66	10.927	1473	1480	1488	rBV	204470	348999	26.47%	3.305%
67	11.024	1495	1496	1500	rVB3	2855	2790	0.21%	0.026%
68	11.207	1524	1526	1527	rBV	1371	1063	0.08%	0.010%
69	11.335	1544	1547	1553	rBV5	3166	5017	0.38%	0.048%
70	11.402	1553	1558	1567	rVB4	9811	18984	1.44%	0.180%
71	11.542	1578	1581	1585	rBV2	2574	4042	0.31%	0.038%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK15

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\SOM2WLM031419S.M
Title : VOC Analysis

72	11.628	1587	1595	1602	rBV	716149	1215254	92.16%	11.507%
73	11.768	1617	1618	1621	rBV2	1411	1873	0.14%	0.018%
74	12.122	1675	1676	1678	rBV2	1325	1294	0.10%	0.012%
75	12.256	1694	1698	1700	rBV2	2658	3825	0.29%	0.036%
76	12.573	1748	1750	1751	rBV	1494	1267	0.10%	0.012%
77	12.609	1751	1756	1763	rVV	45394	82881	6.29%	0.785%
78	12.695	1763	1770	1780	rVV	295265	486648	36.91%	4.608%
79	12.804	1784	1788	1789	rBV2	1474	1562	0.12%	0.015%
80	13.012	1819	1822	1823	rBV	2284	2752	0.21%	0.026%
81	13.152	1842	1845	1847	rVB2	2184	1775	0.13%	0.017%
82	13.195	1850	1852	1853	rBV2	3201	2719	0.21%	0.026%
83	13.280	1865	1866	1867	rBV	2276	1300	0.10%	0.012%
84	13.316	1870	1872	1874	rVV2	3360	2270	0.17%	0.021%
85	13.371	1878	1881	1882	rBV	2018	2401	0.18%	0.023%
86	13.560	1906	1912	1919	rBV	722807	1125550	85.36%	10.658%
87	13.719	1936	1938	1940	rBV	1766	1596	0.12%	0.015%
88	13.761	1942	1945	1947	rBV2	4683	6807	0.52%	0.064%
89	13.853	1953	1960	1967	rBV	604398	1000694	75.89%	9.476%
90	14.024	1985	1988	1990	rBV3	2564	3178	0.24%	0.030%
91	14.079	1991	1997	2004	rVB2	30490	54044	4.10%	0.512%
92	14.328	2036	2038	2042	rVB4	3440	4079	0.31%	0.039%
93	14.530	2068	2071	2077	rBV4	2209	2998	0.23%	0.028%
94	14.633	2086	2088	2091	rVB	3117	2921	0.22%	0.028%
95	14.865	2125	2126	2131	rBV	2277	3021	0.23%	0.029%
96	14.956	2139	2141	2142	rBV	2601	1347	0.10%	0.013%
97	14.999	2146	2148	2149	rVB	1953	1064	0.08%	0.010%
98	15.444	2211	2221	2226	rBV4	15313	32220	2.44%	0.305%
99	15.865	2288	2290	2291	rBV	2831	1600	0.12%	0.015%
100	16.474	2388	2390	2393	rBV	1926	2220	0.17%	0.021%

Sum of corrected areas: 10560577

LSC Report - Integrated Chromatogram

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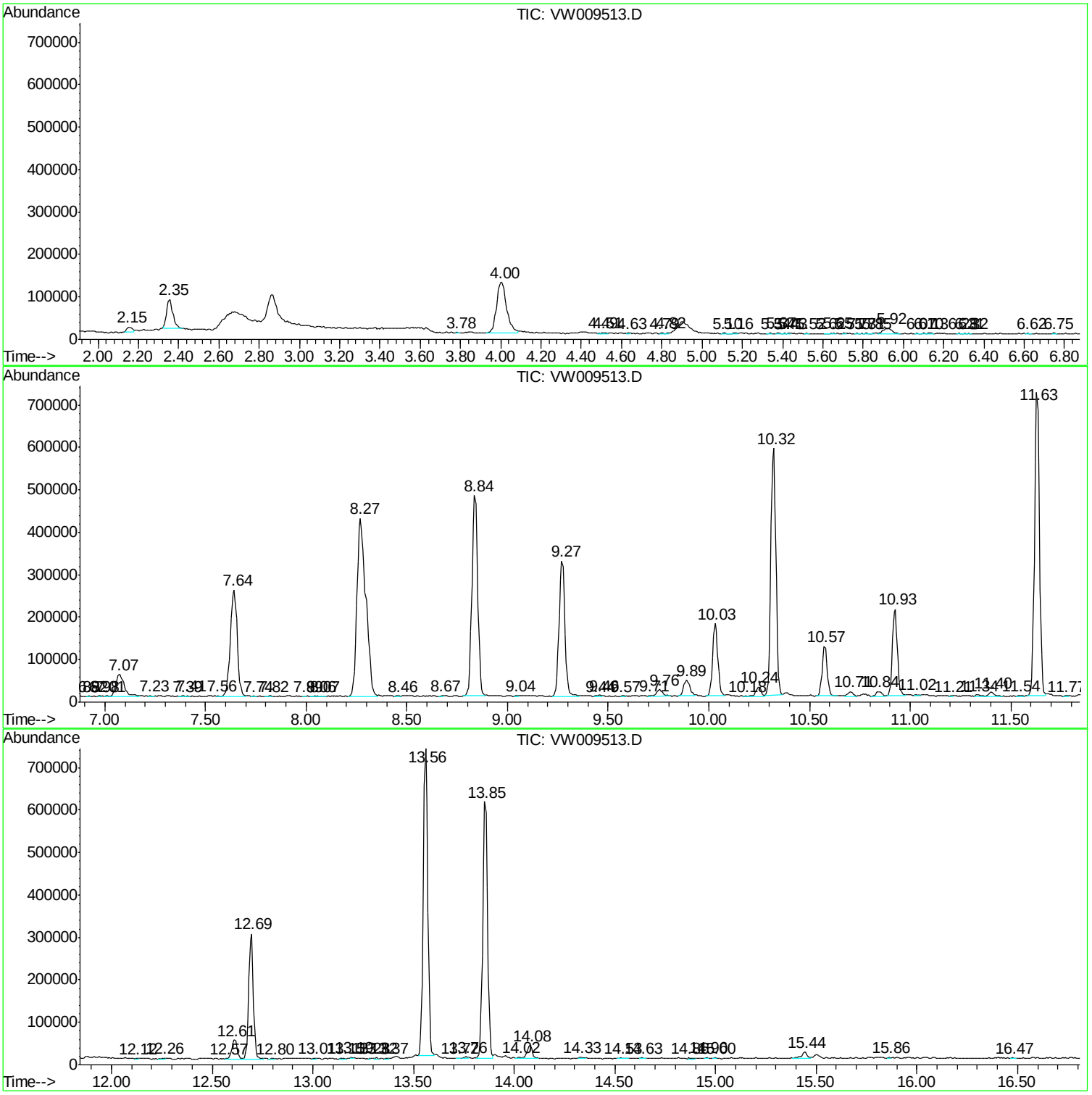
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.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\VW032719\
Data File : VW009513.D
Acq On : 27 Mar 2019 21:37
Operator : SY/VA
Sample : VW0327SBL02
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

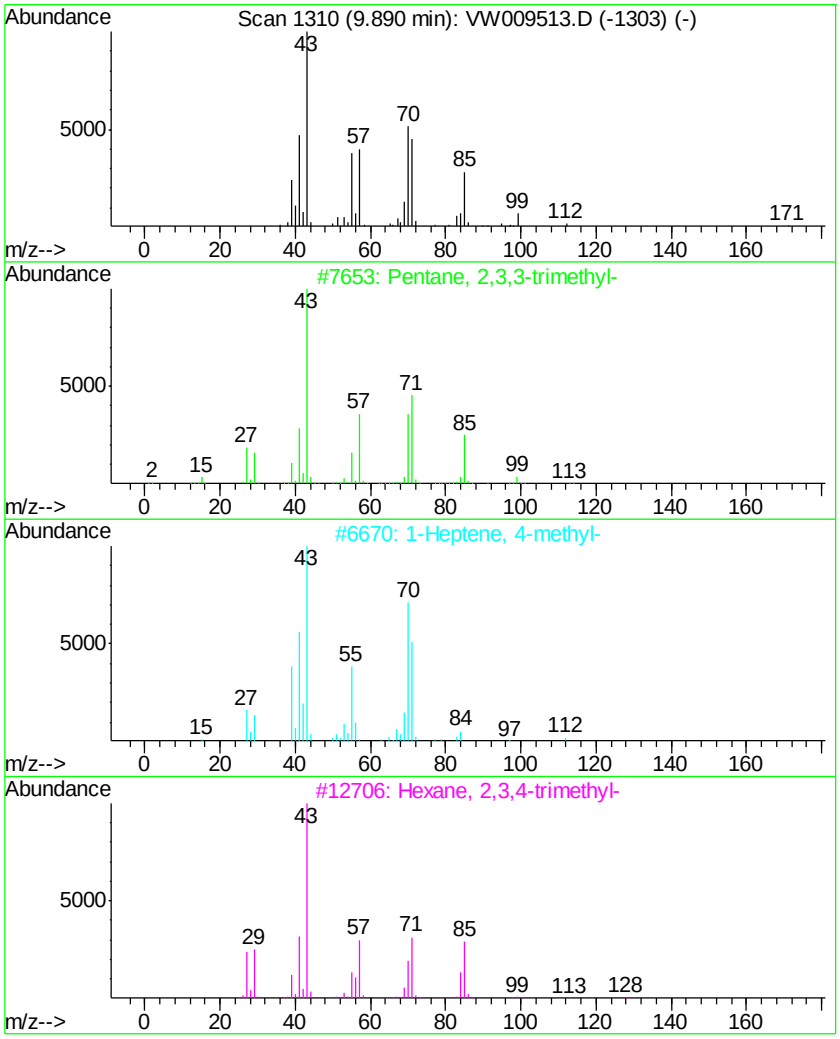
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

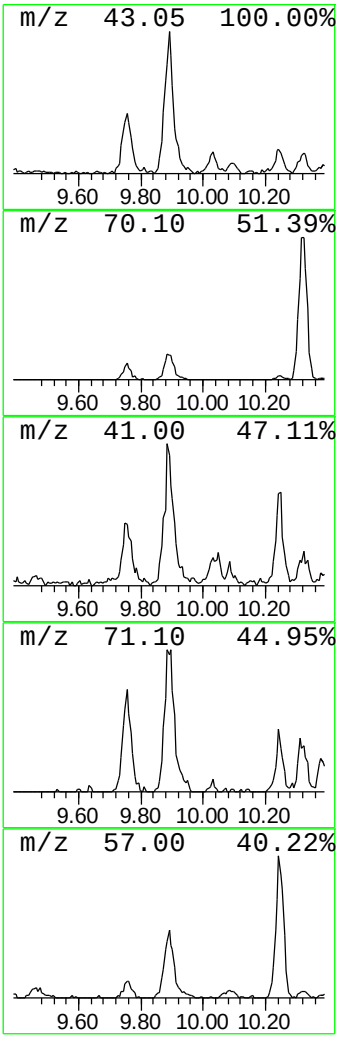
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	2.19 ug/L	82507	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
2	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	62
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	59
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032719\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	9.89	2.2	ug/L	82507	1	8.84	943700	25.0