LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080118\
Data File : VW004392.D
Acq On : 02 Aug 2018 02:33
Operator : SY/AP
Sample : J4209-16
Misc : 5.47G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AD2

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\SOM2WLM073118S.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	1.618	3	5	7	rBV	155	130	0.00%	0.002%
2	1.648	7	10	12	rBV	177	183	0.00%	0.003%
3	1.813	29	37	57	rBV	1949746	4235691	100.00%	72.697%
4	4.008	388	397	412	rBV2	31474	106897	2.52%	1.835%
5	4.282	440	442	443	rBV	260	133	0.00%	0.002%
6	4.331	449	450	451	rBV	244	124	0.00%	0.002%
7	4.514	478	480	482	rBV	245	268	0.01%	0.005%
8	4.599	488	494	496	rBV2	1052	1935	0.05%	0.033%
9	4.782	521	524	528	rBB	216	245	0.01%	0.004%
10	4.831	529	532	533	rBV	185	181	0.00%	0.003%
11	4.904	535	544	545	rBV	2309	3606	0.09%	0.062%
12	5.081	569	573	576	rBV	230	361	0.01%	0.006%
13	5.142	581	583	586	rBB	164	150	0.00%	0.003%
14	5.209	593	594	598	rBV	247	265	0.01%	0.005%
15	5.318	610	612	615	rBB	203	180	0.00%	0.003%
16	5.489	639	640	642	rBB	248	133	0.00%	0.002%
17	5.550	646	650	652	rBV	142	192	0.00%	0.003%
18	5.599	656	658	659	rBV	147	117	0.00%	0.002%
19	5.721	676	678	679	rBV	156	129	0.00%	0.002%
20	5.739	679	681	684	rVB	209	242	0.01%	0.004%
21	5.769	684	686	687	rBV	169	118	0.00%	0.002%
22	5.885	703	705	707	rBV	171	159	0.00%	0.003%
23	5.904	707	708	709	rBV	178	112	0.00%	0.002%
24	6.172	750	752	757	rBB	116	184	0.00%	0.003%
25	6.239	761	763	767	rBV	160	246	0.01%	0.004%
26	6.312	773	775	778	rBB	243	166	0.00%	0.003%
27	6.489	802	804	808	rBV	131	167	0.00%	0.003%
28	6.538	810	812	814	rBB	144	130	0.00%	0.002%
29	6.666	831	833	835	rBV	144	110	0.00%	0.002%
30	6.788	850	853	856	rBV	113	164	0.00%	0.003%
31	6.873	864	867	869	rBV2	201	217	0.01%	0.004%
32	6.891	869	870	872	rVB	291	134	0.00%	0.002%
33	6.952	878	880	882	rBB	141	125	0.00%	0.002%
34	6.989	883	886	887	rBV	209	168	0.00%	0.003%

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Instrument : MSVOA_W
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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\SOM2WLM073118S.M
Title : VOC Analysis

35	7.086	896	902	903	rBV	517	774	0.02%	0.013%
36	7.275	931	933	934	rBV	147	123	0.00%	0.002%
37	7.336	940	943	947	rBB	151	213	0.01%	0.004%
38	7.537	973	976	978	rBV	142	195	0.00%	0.003%
39	7.653	984	995	1005	rVB	61589	153005	3.61%	2.626%
40	7.940	1041	1042	1044	rVB	190	126	0.00%	0.002%
41	7.970	1044	1047	1048	rBB	143	133	0.00%	0.002%
42	8.001	1048	1052	1054	rBB2	160	195	0.00%	0.003%
43	8.184	1078	1082	1083	rBB2	187	168	0.00%	0.003%
44	8.281	1088	1098	1114	rVB2	102667	327978	7.74%	5.629%
45	8.391	1115	1116	1120	rBB	250	253	0.01%	0.004%
46	8.488	1126	1132	1135	rBB	305	436	0.01%	0.007%
47	8.586	1145	1148	1151	rBB	133	155	0.00%	0.003%
48	8.623	1152	1154	1159	rBB	142	151	0.00%	0.003%
49	8.848	1183	1191	1202	rVB	88290	176224	4.16%	3.025%
50	8.927	1202	1204	1205	rBV	165	142	0.00%	0.002%
51	9.001	1213	1216	1221	rBV2	167	187	0.00%	0.003%
52	9.281	1252	1262	1273	rBV	76985	157032	3.71%	2.695%
53	9.750	1336	1339	1341	rBV	200	168	0.00%	0.003%
54	10.037	1379	1386	1395	rBB	11269	20412	0.48%	0.350%
55	10.226	1413	1417	1420	rBB	154	161	0.00%	0.003%
56	10.330	1426	1434	1440	rBV	116924	203597	4.81%	3.494%
57	10.500	1459	1462	1463	rBV	179	161	0.00%	0.003%
58	10.580	1469	1475	1482	rVB	9999	16892	0.40%	0.290%
59	10.708	1490	1496	1502	rBV2	1696	3162	0.07%	0.054%
60	10.860	1519	1521	1525	rBB2	113	109	0.00%	0.002%
61	10.890	1525	1526	1528	rBV2	140	117	0.00%	0.002%
62	10.927	1528	1532	1537	rBV2	1355	2635	0.06%	0.045%
63	11.012	1544	1546	1549	rBB2	147	194	0.00%	0.003%
64	11.073	1551	1556	1560	rBB2	486	664	0.02%	0.011%
65	11.153	1566	1569	1571	rBV	219	223	0.01%	0.004%
66	11.232	1578	1582	1585	rBB2	162	309	0.01%	0.005%
67	11.336	1596	1599	1602	rBB	137	149	0.00%	0.003%
68	11.415	1611	1612	1614	rBB	165	115	0.00%	0.002%
69	11.531	1628	1631	1635	rBB	124	148	0.00%	0.003%
70	11.573	1636	1638	1641	rBB	192	178	0.00%	0.003%
71	11.634	1641	1648	1656	rBB	86946	146432	3.46%	2.513%

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Instrument : MSVOA_W
ClientSampleId : C0AD2

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\SOM2WLM073118S.M
Title : VOC Analysis

72	11.732	1661	1664	1668	rBB	384	540	0.01%	0.009%
73	11.842	1678	1682	1689	rBB	1131	1713	0.04%	0.029%
74	11.951	1698	1700	1702	rBB	134	109	0.00%	0.002%
75	12.012	1707	1710	1713	rBB	181	137	0.00%	0.002%
76	12.055	1716	1717	1721	rBV	140	159	0.00%	0.003%
77	12.171	1731	1736	1741	rBB2	443	777	0.02%	0.013%
78	12.226	1742	1745	1746	rBV	100	111	0.00%	0.002%
79	12.299	1756	1757	1759	rBV	131	110	0.00%	0.002%
80	12.372	1766	1769	1774	rVB	613	742	0.02%	0.013%
81	12.439	1777	1780	1782	rBV	158	197	0.00%	0.003%
82	12.476	1782	1786	1791	rVB4	2450	4020	0.09%	0.069%
83	12.616	1806	1809	1816	rVB3	1332	2149	0.05%	0.037%
84	12.701	1816	1823	1829	rBV	55628	91922	2.17%	1.578%
85	12.975	1865	1868	1873	rVB2	5217	6980	0.16%	0.120%
86	13.110	1888	1890	1892	rVV	192	148	0.00%	0.003%
87	13.164	1898	1899	1900	rBV	184	127	0.00%	0.002%
88	13.262	1909	1915	1918	rBB2	452	738	0.02%	0.013%
89	13.293	1918	1920	1921	rBV	165	114	0.00%	0.002%
90	13.305	1921	1922	1927	rVB2	203	180	0.00%	0.003%
91	13.353	1927	1930	1931	rBV	134	134	0.00%	0.002%
92	13.451	1944	1946	1947	rBB	253	124	0.00%	0.002%
93	13.469	1947	1949	1953	rBB	213	268	0.01%	0.005%
94	13.567	1959	1965	1971	rBV	45013	72633	1.71%	1.247%
95	13.774	1998	1999	2001	rBV	191	204	0.00%	0.004%
96	13.859	2007	2013	2020	rBV	44815	74734	1.76%	1.283%
97	13.963	2029	2030	2031	rBV	173	115	0.00%	0.002%
98	15.079	2212	2213	2216	rBV	315	285	0.01%	0.005%
99	15.274	2244	2245	2246	rBV	341	142	0.00%	0.002%
100	15.609	2298	2300	2301	rBV	392	180	0.00%	0.003%

Sum of corrected areas: 5826470

LSC Report - Integrated Chromatogram

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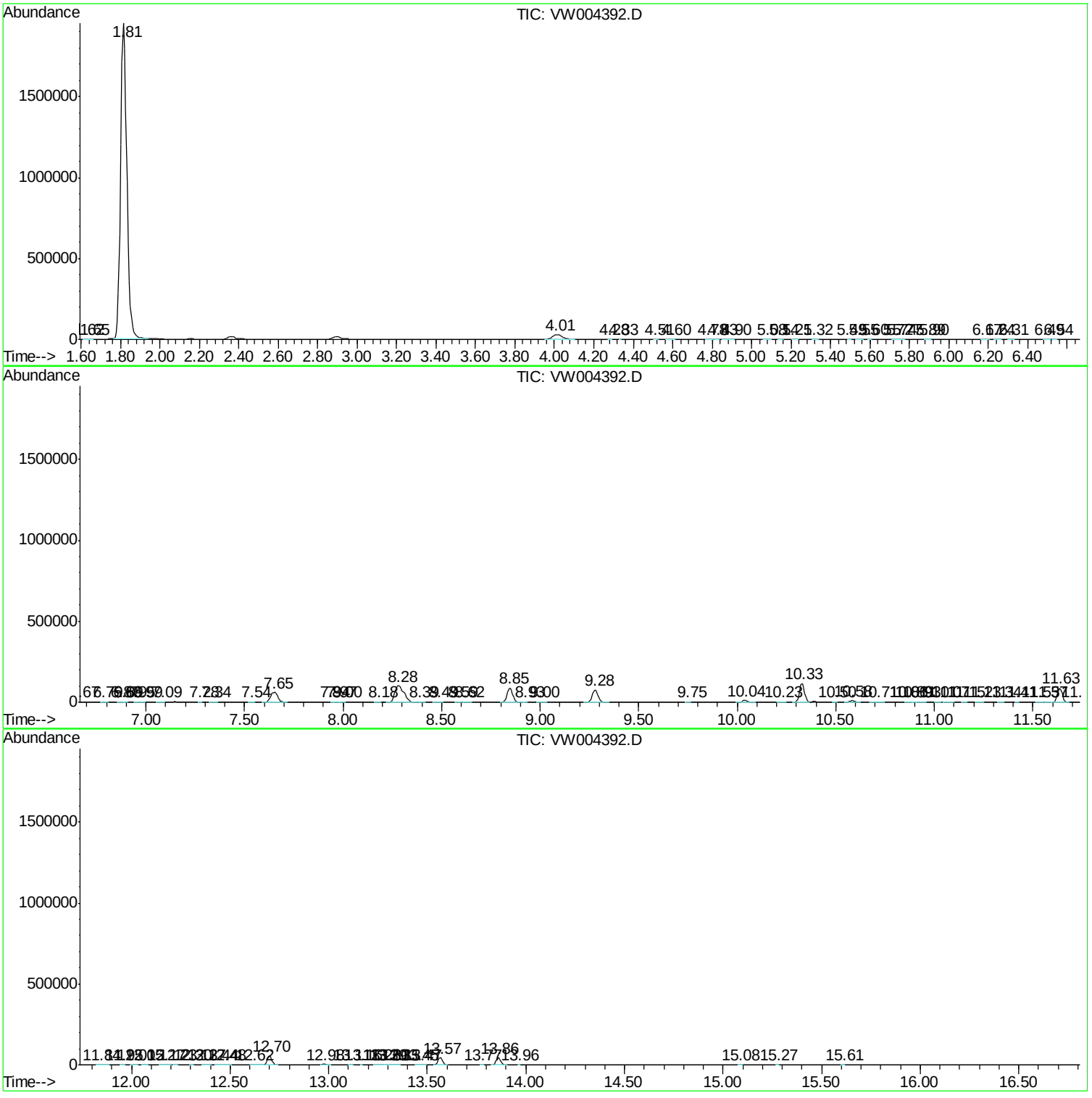
Instrument : MSVOA_W
ClientSampleId : C0AD2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.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\VW080118\
Data File : VW004392.D
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Sample : J4209-16
Misc : 5.47G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AD2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
Quant Title : VOC Analysis

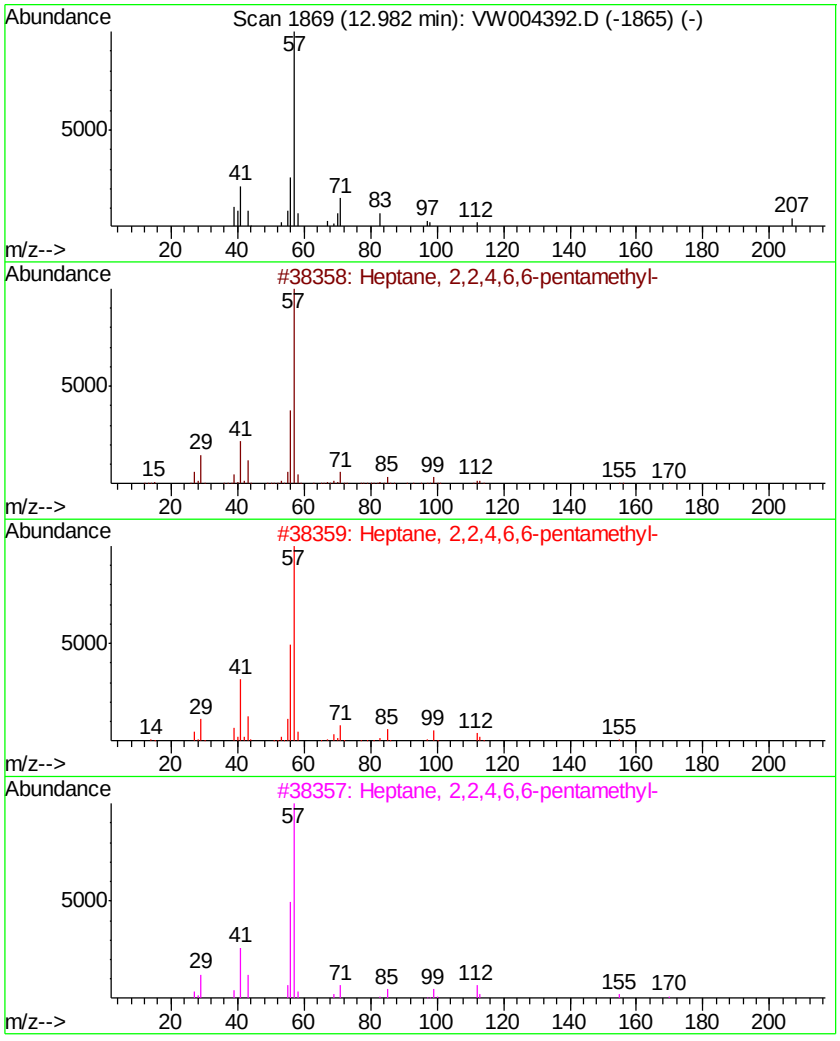
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

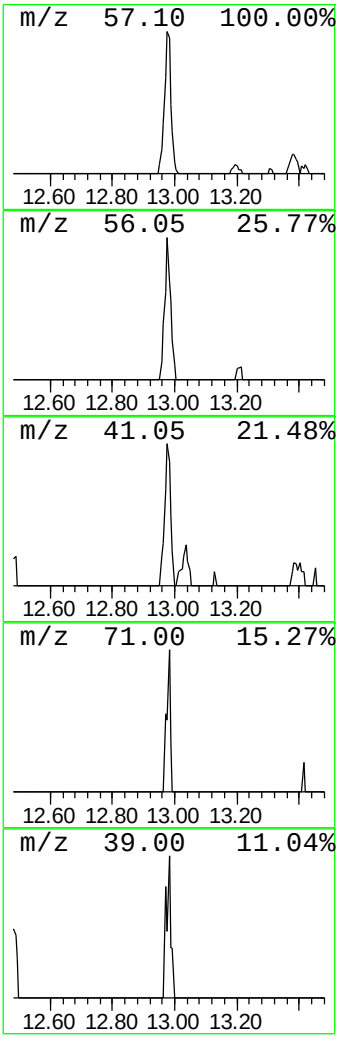
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	2.40 ug/L	6980	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	59
2	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	45
3	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	45
4	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	40
5	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	40





Tentatively Identified Compound (LSC) summary

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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...	12.98	2.4	ug/L	6980	3	13.57	72633	25.0