LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011420\
Data File : VW014635.D
Acq On : 14 Jan 2020 16:13
Operator : SY/VA
Sample : L1109-15
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASH4

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\SOM2WLM122719S.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	1.959	6	9	19	rVB6	6122	15553	0.42%	0.054%
2	2.160	36	42	48	rBV3	9829	24227	0.65%	0.085%
3	2.349	67	73	85	rVB	319254	578543	15.58%	2.022%
4	2.885	154	161	177	rBV	197560	491687	13.24%	1.719%
5	3.464	253	256	257	rBV3	741	706	0.02%	0.002%
6	3.519	262	265	266	rBV3	1125	1088	0.03%	0.004%
7	3.678	289	291	293	rVB2	780	666	0.02%	0.002%
8	3.861	319	321	324	rVB2	750	735	0.02%	0.003%
9	4.019	335	347	360	rBV	438381	1433439	38.61%	5.011%
10	4.208	376	378	381	rVB3	863	792	0.02%	0.003%
11	4.239	381	383	389	rVB5	1377	2044	0.06%	0.007%
12	4.306	391	394	396	rBV2	874	865	0.02%	0.003%
13	4.391	402	408	416	rVB4	2515	7368	0.20%	0.026%
14	4.684	453	456	459	rBV3	669	1116	0.03%	0.004%
15	4.915	483	494	510	rBV3	27960	106813	2.88%	0.373%
16	5.104	521	525	526	rBV2	882	1227	0.03%	0.004%
17	5.123	526	528	529	rVV	1102	1007	0.03%	0.004%
18	5.153	529	533	537	rVV5	2066	4626	0.12%	0.016%
19	5.275	551	553	555	rVB2	839	711	0.02%	0.002%
20	5.312	555	559	563	rVB2	533	967	0.03%	0.003%
21	5.354	563	566	568	rBV3	632	784	0.02%	0.003%
22	5.738	626	629	631	rBV3	1069	1386	0.04%	0.005%
23	5.787	631	637	641	rBV7	1785	4075	0.11%	0.014%
24	5.940	651	662	669	rBV5	6096	18182	0.49%	0.064%
25	6.482	749	751	755	rVB3	946	1258	0.03%	0.004%
26	6.531	755	759	760	rBV3	734	1083	0.03%	0.004%
27	6.702	785	787	789	rBV	625	678	0.02%	0.002%
28	6.836	804	809	812	rVB3	602	1178	0.03%	0.004%
29	6.921	819	823	826	rBV4	781	1141	0.03%	0.004%
30	7.074	838	848	853	rBV	111982	297157	8.00%	1.039%
31	7.244	874	876	879	rVB2	1099	780	0.02%	0.003%
32	7.336	889	891	895	rVB3	1039	1301	0.04%	0.005%
33	7.433	903	907	909	rBV3	551	703	0.02%	0.002%
34	7.500	915	918	919	rBV3	842	764	0.02%	0.003%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Title : VOC Analysis

35	7.531	919	923	924	rBV3	1927	2870	0.08%	0.010%
36	7.647	931	942	952	rBV	593934	1446858	38.97%	5.058%
37	7.756	958	960	964	rVB3	1143	1434	0.04%	0.005%
38	7.793	964	966	969	rBV2	936	1306	0.04%	0.005%
39	7.939	983	990	997	rVB6	2994	5801	0.16%	0.020%
40	8.061	1008	1010	1016	rVB4	614	911	0.02%	0.003%
41	8.275	1033	1045	1062	rBV2	1274039	3712905	100.00%	12.979%
42	8.457	1072	1075	1078	rBV5	961	1271	0.03%	0.004%
43	8.616	1099	1101	1106	rVB4	1718	2887	0.08%	0.010%
44	8.701	1109	1115	1118	rBV6	1465	3114	0.08%	0.011%
45	8.842	1127	1138	1147	rBV	1287779	2562357	69.01%	8.957%
46	8.988	1160	1162	1166	rVB2	848	844	0.02%	0.003%
47	9.037	1168	1170	1171	rBV2	896	940	0.03%	0.003%
48	9.079	1171	1177	1186	rVB7	3774	8490	0.23%	0.030%
49	9.195	1193	1196	1197	rBV3	681	828	0.02%	0.003%
50	9.274	1200	1209	1220	rBV	812413	1671866	45.03%	5.844%
51	9.585	1255	1260	1264	rBV6	924	1287	0.03%	0.004%
52	9.628	1264	1267	1268	rBV	1403	1181	0.03%	0.004%
53	9.659	1268	1272	1283	rVB5	4355	10234	0.28%	0.036%
54	9.976	1323	1324	1326	rBV2	907	808	0.02%	0.003%
55	10.030	1326	1333	1345	rBV	429594	789016	21.25%	2.758%
56	10.207	1357	1362	1370	rVB2	8265	17385	0.47%	0.061%
57	10.323	1370	1381	1389	rBV	1870938	3208683	86.42%	11.216%
58	10.500	1407	1410	1411	rBV2	766	875	0.02%	0.003%
59	10.579	1415	1423	1431	rBV	275968	493322	13.29%	1.724%
60	10.701	1437	1443	1449	rBV2	35094	63283	1.70%	0.221%
61	10.860	1464	1469	1472	rBV6	2447	4298	0.12%	0.015%
62	10.920	1472	1479	1495	rBV	424673	726236	19.56%	2.539%
63	11.061	1496	1502	1510	rVB	51511	89575	2.41%	0.313%
64	11.177	1517	1521	1524	rBV6	1768	3393	0.09%	0.012%
65	11.237	1529	1531	1533	rBV3	1418	1398	0.04%	0.005%
66	11.286	1533	1539	1540	rBV5	5565	8432	0.23%	0.029%
67	11.433	1560	1563	1571	rVB2	25760	50021	1.35%	0.175%
68	11.628	1585	1595	1608	rBV	1768315	2948874	79.42%	10.308%
69	11.713	1608	1609	1610	rBV	1249	761	0.02%	0.003%
70	11.829	1624	1628	1633	rBV5	3368	6287	0.17%	0.022%
71	12.036	1659	1662	1666	rVB4	1365	1845	0.05%	0.006%

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ClientSampleId : GASH4

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Title : VOC Analysis

72	12.079	1666	1669	1671	rVB3	695	758	0.02%	0.003%
73	12.109	1671	1674	1675	rBV3	925	1121	0.03%	0.004%
74	12.134	1675	1678	1680	rBV4	995	1253	0.03%	0.004%
75	12.170	1680	1684	1691	rVV8	5089	10420	0.28%	0.036%
76	12.390	1715	1720	1721	rBV5	4129	5632	0.15%	0.020%
77	12.609	1750	1756	1761	rVB	56883	94691	2.55%	0.331%
78	12.688	1762	1769	1777	rBV	609458	1026249	27.64%	3.587%
79	12.768	1777	1782	1783	rBV4	4550	6119	0.16%	0.021%
80	12.871	1785	1799	1800	rBV5	44483	136270	3.67%	0.476%
81	13.073	1830	1832	1833	rBV2	989	809	0.02%	0.003%
82	13.310	1856	1871	1883	rBV4	81422	393448	10.60%	1.375%
83	13.463	1884	1896	1905	rVV4	61596	266108	7.17%	0.930%
84	13.554	1905	1911	1920	rVV	1755500	2803944	75.52%	9.801%
85	13.646	1923	1926	1934	rVB4	10880	18730	0.50%	0.065%
86	13.761	1942	1945	1948	rBV5	3499	5564	0.15%	0.019%
87	13.853	1952	1960	1967	rBV	1460706	2461806	66.30%	8.606%
88	14.066	1991	1995	2004	rVB	41209	71103	1.92%	0.249%
89	14.188	2013	2015	2016	rBV2	3673	2823	0.08%	0.010%
90	14.328	2025	2038	2046	rBV7	22102	77215	2.08%	0.270%
91	14.463	2058	2060	2061	rBV2	2603	2360	0.06%	0.008%
92	14.523	2062	2070	2083	rVB8	25792	76554	2.06%	0.268%
93	14.950	2132	2140	2149	rVB6	15328	42622	1.15%	0.149%
94	15.365	2203	2208	2213	rBV	20641	33547	0.90%	0.117%
95	15.438	2215	2220	2226	rVB	48874	82362	2.22%	0.288%
96	15.633	2243	2252	2259	rBV	10324	36603	0.99%	0.128%
97	15.767	2271	2274	2277	rBV5	3557	6368	0.17%	0.022%
98	16.109	2326	2330	2333	rBV6	2294	4068	0.11%	0.014%
99	16.444	2379	2385	2391	rVB2	12618	26675	0.72%	0.093%
100	16.645	2412	2418	2426	rVB2	25189	55603	1.50%	0.194%

Sum of corrected areas: 28607351

LSC Report - Integrated Chromatogram

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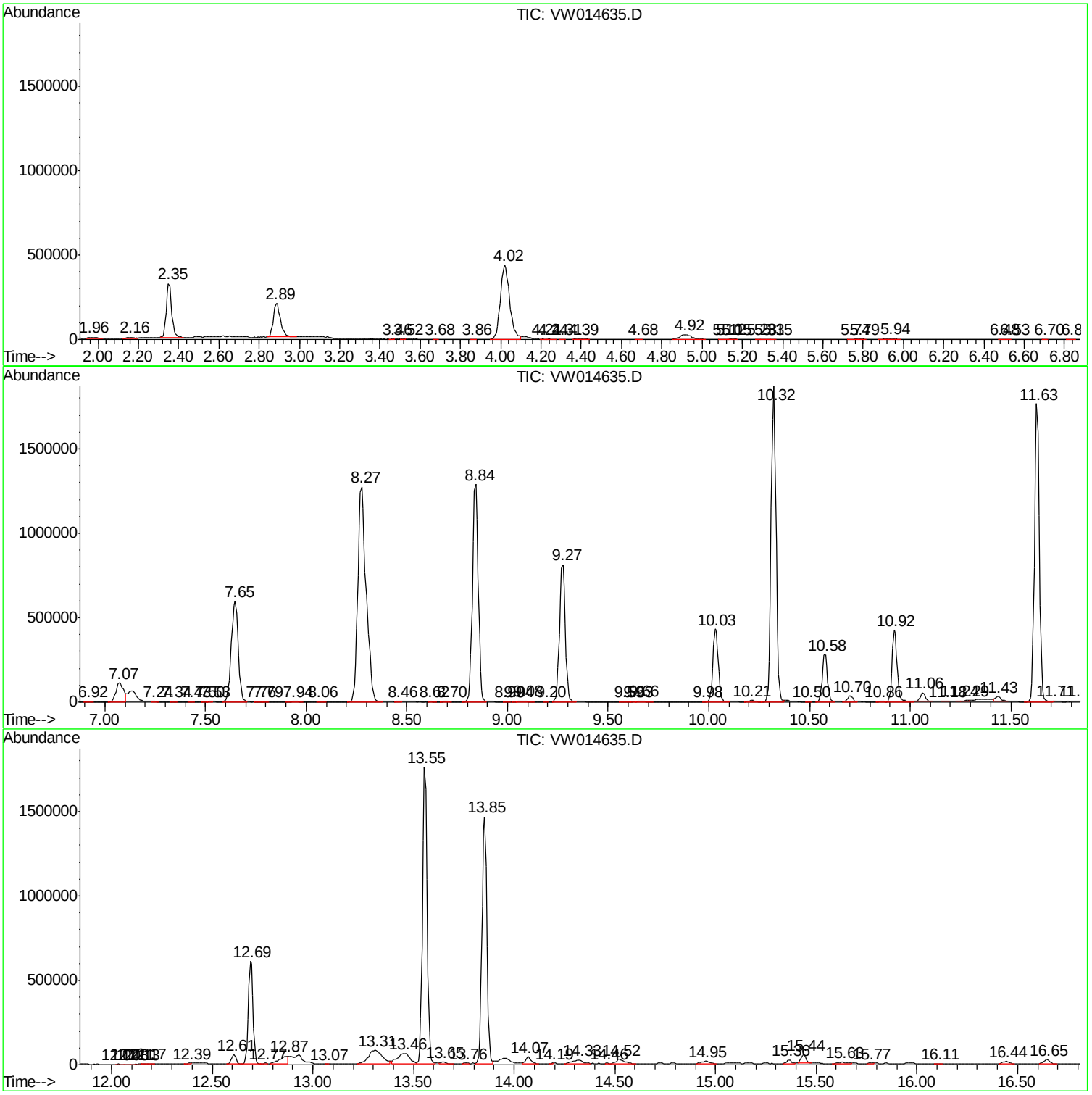
ClientSampleId : GASH4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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



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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

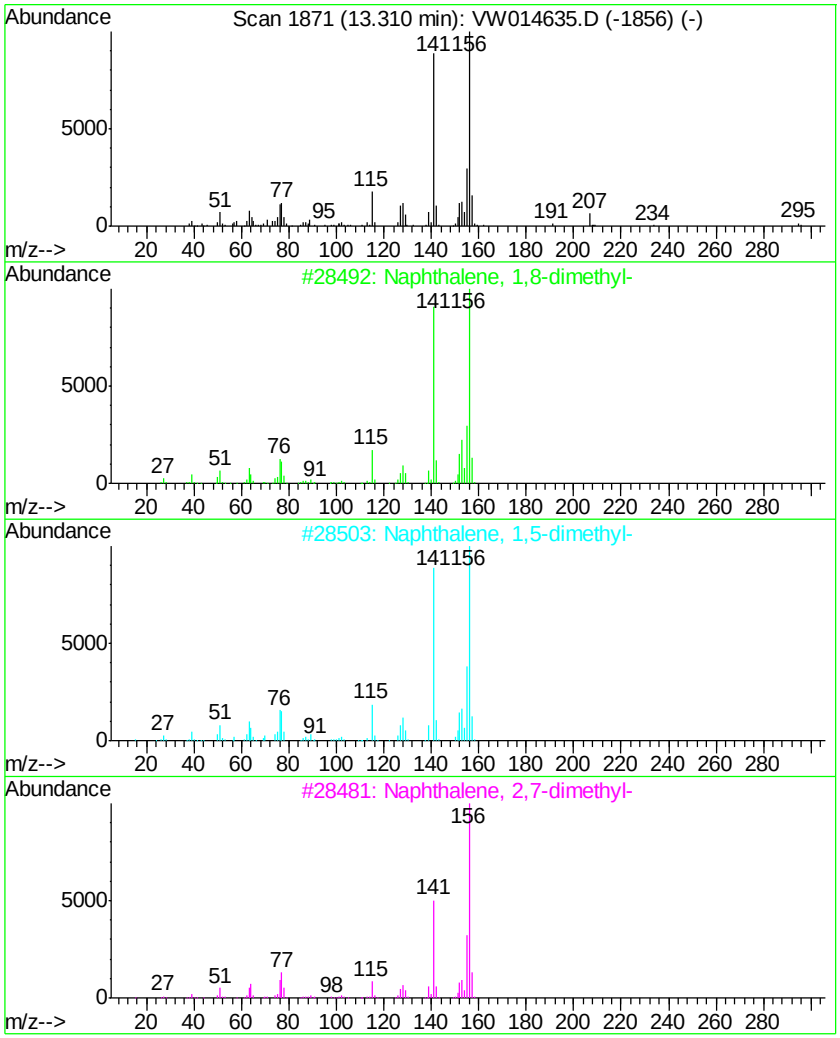
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

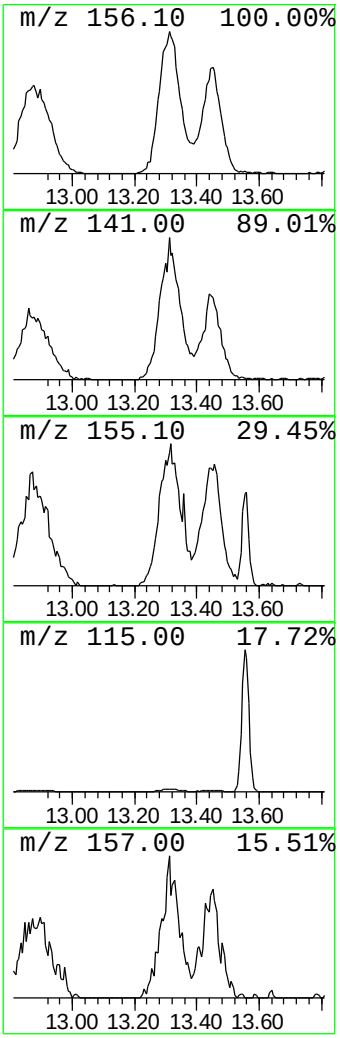
****

Peak Number 2 Naphthalene, 1,8-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	3.51 ug/L	393448	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





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
Naphthalene, 1,8-...	13.31	3.5	ug/L	393448	3	13.55	2803940	25.0