LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062419\
Data File : VW010949.D
Acq On : 24 Jun 2019 23:58
Operator : SY/VA
Sample : K3456-17
Misc : 4.88G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANY2

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\SOM2WLM062419S.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	2.343	69	72	82	rVB	13036	22932	2.97%	0.411%
2	2.806	143	148	154	rBV	14982	31580	4.09%	0.566%
3	2.879	157	160	176	rVB	15142	38528	5.00%	0.691%
4	3.465	252	256	258	rBV4	1134	1198	0.16%	0.021%
5	3.495	258	261	263	rVV4	687	1022	0.13%	0.018%
6	3.629	280	283	285	rVB3	523	582	0.08%	0.010%
7	3.672	285	290	291	rBV4	624	762	0.10%	0.014%
8	3.715	295	297	300	rBV4	742	764	0.10%	0.014%
9	3.818	310	314	316	rBV3	476	682	0.09%	0.012%
10	3.855	316	320	321	rBV4	419	645	0.08%	0.012%
11	4.013	335	346	356	rBV3	27124	88366	11.46%	1.584%
12	4.123	358	364	377	rVB	11428	32135	4.17%	0.576%
13	4.385	399	407	418	rBV3	4979	16692	2.16%	0.299%
14	4.599	434	442	464	rVV2	18971	67070	8.70%	1.203%
15	4.922	484	495	503	rBV4	4321	15530	2.01%	0.278%
16	5.159	532	534	538	rVV4	933	1234	0.16%	0.022%
17	5.422	573	577	579	rBV3	639	742	0.10%	0.013%
18	5.458	579	583	585	rBV3	373	506	0.07%	0.009%
19	5.531	592	595	599	rBV4	288	493	0.06%	0.009%
20	5.732	622	628	629	rVV3	626	1107	0.14%	0.020%
21	5.745	629	630	632	rVV2	847	767	0.10%	0.014%
22	5.775	634	635	637	rVV2	690	555	0.07%	0.010%
23	5.812	637	641	645	rVV3	515	892	0.12%	0.016%
24	5.897	652	655	656	rVV2	658	726	0.09%	0.013%
25	5.928	656	660	672	rVB6	1910	5480	0.71%	0.098%
26	6.159	696	698	701	rBV3	471	510	0.07%	0.009%
27	6.251	709	713	715	rBV2	514	693	0.09%	0.012%
28	6.653	775	779	783	rVB3	431	744	0.10%	0.013%
29	6.696	783	786	789	rBV2	475	613	0.08%	0.011%
30	6.793	800	802	804	rBV2	508	500	0.06%	0.009%
31	6.860	811	813	816	rBV2	474	548	0.07%	0.010%
32	6.915	816	822	825	rBV6	823	1604	0.21%	0.029%
33	7.141	848	859	877	rVV	63622	184170	23.88%	3.302%
34	7.397	900	901	906	rVB4	415	487	0.06%	0.009%

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Instrument : MSVOA_W
ClientSampleId : YANY2

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Title : VOC Analysis

35	7.537	915	924	928	rBV7	916	2309	0.30%	0.041%
36	7.641	931	941	954	rBV	112123	287781	37.32%	5.160%
37	7.903	983	984	987	rVB3	694	530	0.07%	0.010%
38	7.939	987	990	991	rBV	737	834	0.11%	0.015%
39	8.275	1033	1045	1062	rBV2	218678	771191	100.00%	13.828%
40	8.403	1065	1066	1071	rVB3	878	799	0.10%	0.014%
41	8.592	1094	1097	1100	rVB4	577	687	0.09%	0.012%
42	8.689	1111	1113	1118	rBV5	468	498	0.06%	0.009%
43	8.842	1129	1138	1148	rBV	192288	380646	49.36%	6.825%
44	9.012	1162	1166	1169	rBV4	942	1666	0.22%	0.030%
45	9.073	1169	1176	1184	rVB2	14742	30067	3.90%	0.539%
46	9.275	1198	1209	1218	rBV	214180	437988	56.79%	7.853%
47	9.409	1228	1231	1234	rVB	391	587	0.08%	0.011%
48	9.579	1257	1259	1267	rVB3	444	654	0.08%	0.012%
49	9.659	1267	1272	1275	rBV3	1901	3387	0.44%	0.061%
50	9.738	1282	1285	1287	rBV3	544	570	0.07%	0.010%
51	9.756	1287	1288	1294	rVB3	732	942	0.12%	0.017%
52	9.811	1294	1297	1300	rBV2	434	539	0.07%	0.010%
53	9.896	1304	1311	1314	rBV6	1187	2579	0.33%	0.046%
54	10.037	1322	1334	1343	rBV	67795	125726	16.30%	2.254%
55	10.122	1343	1348	1350	rBV5	1135	1975	0.26%	0.035%
56	10.213	1358	1363	1367	rBV4	1915	3716	0.48%	0.067%
57	10.323	1373	1381	1389	rBV	287702	502454	65.15%	9.009%
58	10.445	1399	1401	1404	rVB4	780	807	0.10%	0.014%
59	10.500	1404	1410	1415	rBV5	1580	3227	0.42%	0.058%
60	10.579	1417	1423	1434	rVV	57198	100548	13.04%	1.803%
61	10.707	1438	1444	1451	rVB	13987	25495	3.31%	0.457%
62	10.774	1453	1455	1459	rVB3	566	645	0.08%	0.012%
63	10.860	1463	1469	1474	rBV5	1034	2523	0.33%	0.045%
64	10.951	1475	1484	1486	rBV5	710	1566	0.20%	0.028%
65	11.067	1493	1503	1510	rBV	34318	61513	7.98%	1.103%
66	11.177	1515	1521	1525	rVV5	1435	2679	0.35%	0.048%
67	11.286	1537	1539	1542	rVB3	705	561	0.07%	0.010%
68	11.402	1555	1558	1559	rBV2	511	583	0.08%	0.010%
69	11.439	1559	1564	1572	rVB3	5296	8970	1.16%	0.161%
70	11.634	1588	1596	1604	rBV	352961	602907	78.18%	10.810%
71	11.792	1617	1622	1625	rBV3	1047	1461	0.19%	0.026%

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Instrument : MSVOA_W
ClientSampleId : YANY2

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\SOM2WLM062419S.M
Title : VOC Analysis

72	12.164	1680	1683	1686	rBV5	815	1238	0.16%	0.022%
73	12.463	1728	1732	1740	rVV5	2383	4799	0.62%	0.086%
74	12.530	1740	1743	1745	rVV3	373	502	0.07%	0.009%
75	12.554	1745	1747	1748	rVV2	526	518	0.07%	0.009%
76	12.609	1749	1756	1762	rVV2	13442	23478	3.04%	0.421%
77	12.695	1762	1770	1778	rVV	233067	371515	48.17%	6.661%
78	12.932	1803	1809	1815	rBV	5954	9691	1.26%	0.174%
79	13.048	1824	1828	1830	rVB4	649	967	0.13%	0.017%
80	13.073	1830	1832	1836	rBB2	742	848	0.11%	0.015%
81	13.201	1849	1853	1857	rVB5	1490	2661	0.35%	0.048%
82	13.256	1857	1862	1863	rBV3	568	892	0.12%	0.016%
83	13.292	1863	1868	1876	rVB7	1684	3640	0.47%	0.065%
84	13.414	1882	1888	1893	rBV4	3466	5389	0.70%	0.097%
85	13.475	1896	1898	1899	rBV2	705	595	0.08%	0.011%
86	13.560	1905	1912	1919	rBV	347304	555576	72.04%	9.962%
87	13.652	1924	1927	1932	rVB3	4948	7584	0.98%	0.136%
88	13.853	1953	1960	1968	rBV	362044	603256	78.22%	10.817%
89	14.072	1992	1996	2003	rVB2	5662	8930	1.16%	0.160%
90	14.329	2030	2038	2043	rBV6	7222	16897	2.19%	0.303%
91	14.420	2048	2053	2063	rVB	18152	30968	4.02%	0.555%
92	15.103	2163	2165	2168	rBV3	639	537	0.07%	0.010%
93	15.438	2214	2220	2226	rBV2	11436	20208	2.62%	0.362%
94	15.499	2226	2230	2237	rVB	5456	10035	1.30%	0.180%
95	15.688	2259	2261	2264	rBV4	553	523	0.07%	0.009%
96	15.773	2273	2275	2278	rBV3	547	690	0.09%	0.012%
97	15.840	2285	2286	2288	rBV	722	741	0.10%	0.013%
98	16.188	2341	2343	2345	rVB2	488	486	0.06%	0.009%
99	16.267	2354	2356	2360	rBV4	665	852	0.11%	0.015%
100	16.401	2375	2378	2379	rBV3	527	654	0.08%	0.012%

Sum of corrected areas: 5577139

LSC Report - Integrated Chromatogram

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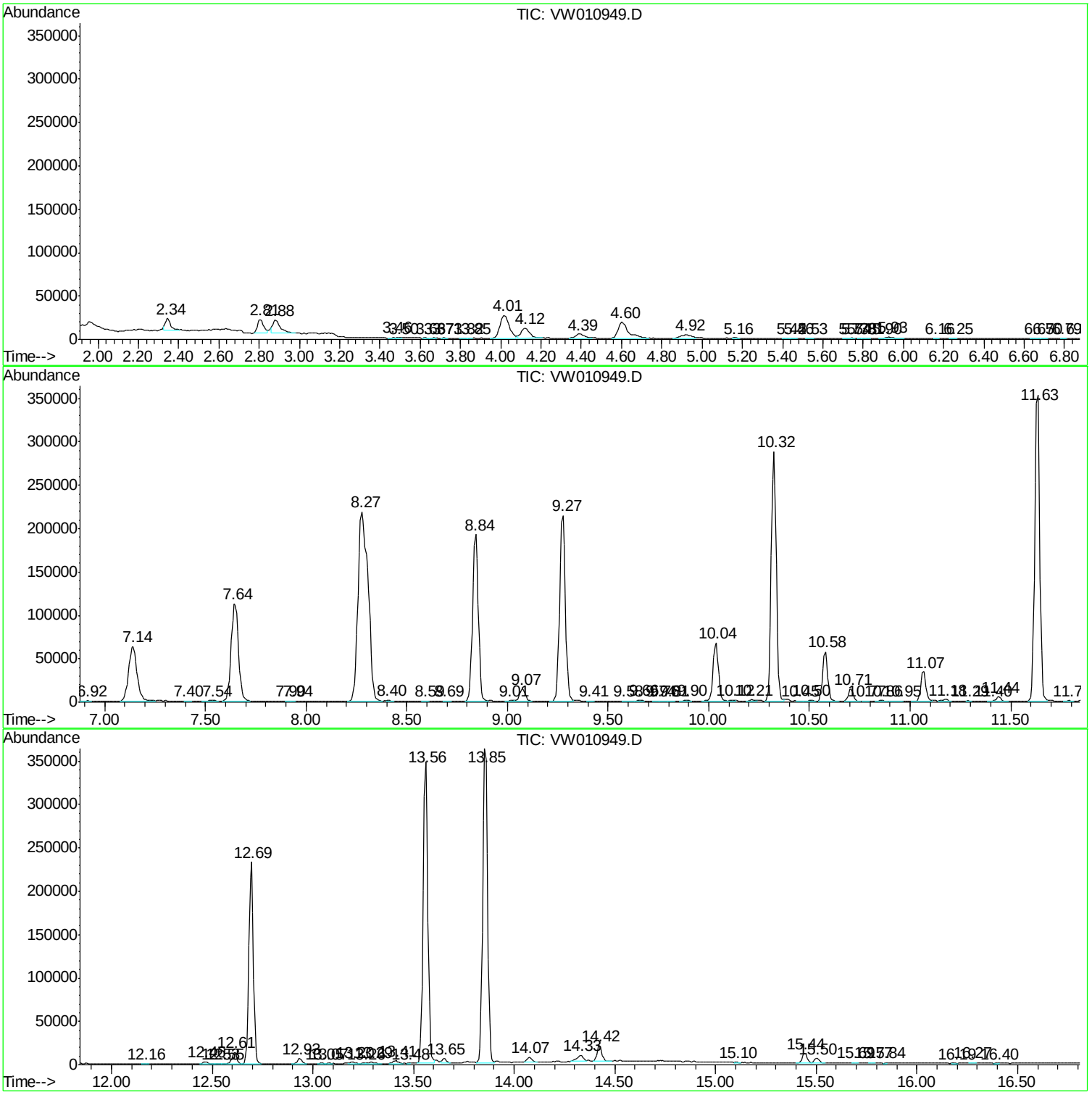
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANY2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.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\VW062419\
Data File : VW010949.D
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Operator : SY/VA
Sample : K3456-17
Misc : 4.88G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANY2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis

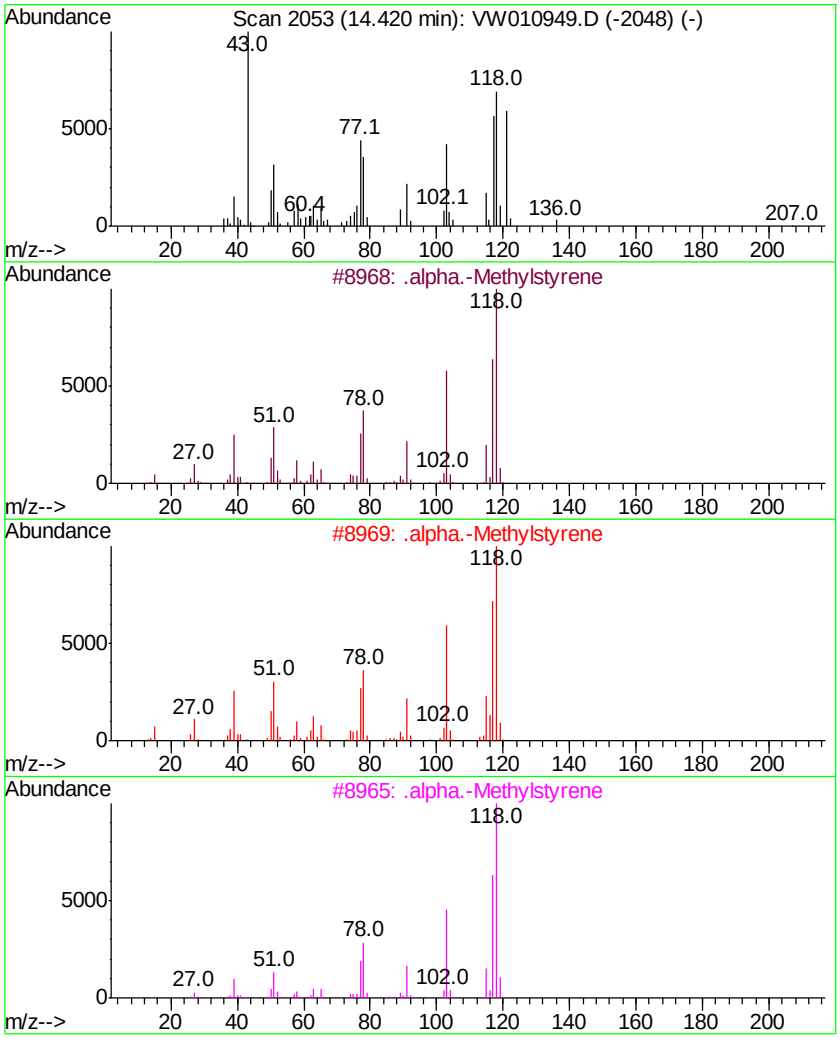
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

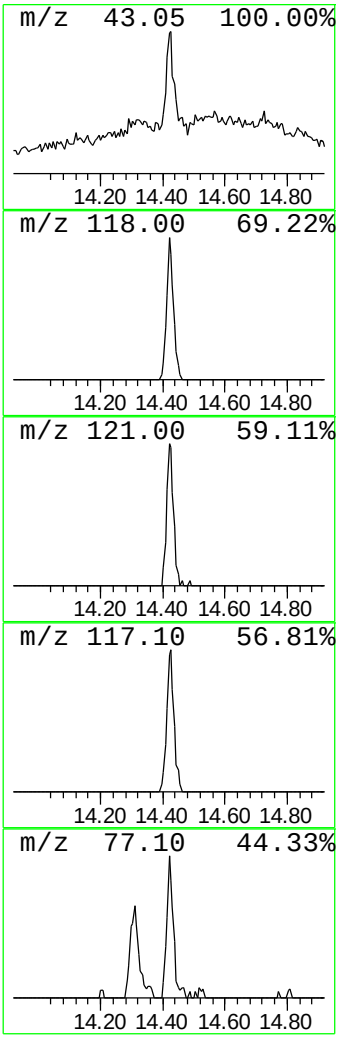
****

Peak Number 7 .alpha.-Methylstyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	1.39 ug/L	30968	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	70
2	.alpha.-Methylstyrene	118	C9H10	000098-83-9	70
3	.alpha.-Methylstyrene	118	C9H10	000098-83-9	64
4	1-Methyl-1-phenylcyclobutane	146	C11H14	007306-05-0	43
5	.alpha.-Methyl-.alpha.-phenylsuc...	189	C11H11NO2	001497-17-2	38





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
.alpha.-Methylsty...	14.42	1.4	ug/L	30968	3	13.56	555576	25.0