LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070319\
Data File : VW011135.D
Acq On : 03 Jul 2019 10:58
Operator : SY/VA
Sample : K3599-08
Misc : 4.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAM17

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\SOM2WLM070219S.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	2.160	38	42	47	rBV3	4833	8626	0.77%	0.102%
2	2.349	67	73	81	rBV	72315	133489	11.94%	1.579%
3	2.885	154	161	173	rBV	46175	115223	10.30%	1.363%
4	3.239	217	219	222	rBV3	689	782	0.07%	0.009%
5	3.465	252	256	257	rBV2	871	731	0.07%	0.009%
6	3.532	260	267	285	rVV	21466	68578	6.13%	0.811%
7	3.855	315	320	322	rBV4	1394	2467	0.22%	0.029%
8	4.019	335	347	359	rBV	114935	390274	34.90%	4.617%
9	4.227	379	381	385	rVB3	713	483	0.04%	0.006%
10	4.397	402	409	415	rBV4	2179	6098	0.55%	0.072%
11	4.922	484	495	506	rBV3	4887	20497	1.83%	0.242%
12	5.178	535	537	544	rVB3	671	901	0.08%	0.011%
13	5.415	574	576	579	rBV4	464	546	0.05%	0.006%
14	5.775	633	635	638	rVV3	361	419	0.04%	0.005%
15	5.934	650	661	671	rBV6	3389	10437	0.93%	0.123%
16	6.086	681	686	688	rVV4	477	581	0.05%	0.007%
17	6.549	760	762	767	rVV3	391	517	0.05%	0.006%
18	6.635	773	776	778	rBV2	449	609	0.05%	0.007%
19	6.946	826	827	830	rBV	423	447	0.04%	0.005%
20	7.074	840	848	854	rBV	35471	97006	8.67%	1.148%
21	7.360	893	895	900	rVB4	619	675	0.06%	0.008%
22	7.519	916	921	924	rBV2	618	913	0.08%	0.011%
23	7.567	924	929	930	rVB2	520	479	0.04%	0.006%
24	7.647	930	942	952	rBV	182852	453342	40.54%	5.363%
25	7.878	978	980	984	rVB3	281	431	0.04%	0.005%
26	7.939	987	990	991	rBV3	681	660	0.06%	0.008%
27	8.275	1034	1045	1059	rBV2	386260	1118351	100.00%	13.230%
28	8.616	1099	1101	1106	rVB6	772	1136	0.10%	0.013%
29	8.677	1109	1111	1117	rBV3	861	1453	0.13%	0.017%
30	8.842	1128	1138	1147	rBV	410773	814220	72.81%	9.632%
31	8.976	1159	1160	1164	rVB2	537	477	0.04%	0.006%
32	9.079	1171	1177	1184	rVB7	2163	4226	0.38%	0.050%
33	9.274	1199	1209	1218	rBV	270554	551688	49.33%	6.526%
34	9.512	1246	1248	1250	rBV	373	424	0.04%	0.005%

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Instrument : MSVOA_W
ClientSampleId : GAM17

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\SOM2WLM070219S.M
Title : VOC Analysis

35	9.591	1255	1261	1262	rVV2	444	870	0.08%	0.010%
36	9.652	1266	1271	1278	rVV4	2194	5214	0.47%	0.062%
37	9.756	1286	1288	1290	rBV2	466	427	0.04%	0.005%
38	9.805	1294	1296	1299	rBV3	388	435	0.04%	0.005%
39	9.841	1299	1302	1304	rVB3	444	473	0.04%	0.006%
40	9.890	1304	1310	1312	rBV3	674	1080	0.10%	0.013%
41	10.037	1325	1334	1345	rVV	129658	241170	21.56%	2.853%
42	10.110	1345	1346	1354	rVB5	1064	2211	0.20%	0.026%
43	10.201	1360	1361	1366	rVB4	503	666	0.06%	0.008%
44	10.323	1373	1381	1388	rBV	532885	921785	82.42%	10.905%
45	10.390	1388	1392	1398	rVB2	9079	16150	1.44%	0.191%
46	10.579	1415	1423	1431	rBV	83118	145007	12.97%	1.715%
47	10.701	1437	1443	1448	rBV3	3406	6491	0.58%	0.077%
48	10.860	1463	1469	1473	rBV4	3455	6002	0.54%	0.071%
49	10.927	1473	1480	1494	rVV	124901	217329	19.43%	2.571%
50	11.061	1498	1502	1508	rVB4	3109	6004	0.54%	0.071%
51	11.183	1517	1522	1525	rVB4	735	1174	0.10%	0.014%
52	11.213	1525	1527	1531	rBV2	335	467	0.04%	0.006%
53	11.402	1557	1558	1561	rVV2	525	515	0.05%	0.006%
54	11.433	1561	1563	1566	rVB3	501	517	0.05%	0.006%
55	11.628	1587	1595	1604	rBV	559299	960183	85.86%	11.359%
56	11.731	1608	1612	1617	rVB3	1912	3299	0.29%	0.039%
57	11.835	1622	1629	1635	rVV3	5023	10168	0.91%	0.120%
58	12.122	1671	1676	1677	rBV3	527	782	0.07%	0.009%
59	12.176	1677	1685	1693	rVB4	3943	8722	0.78%	0.103%
60	12.250	1693	1697	1698	rBV3	557	580	0.05%	0.007%
61	12.341	1708	1712	1713	rBV3	618	786	0.07%	0.009%
62	12.469	1729	1733	1737	rBV5	1103	1493	0.13%	0.018%
63	12.609	1748	1756	1762	rVV2	17560	28509	2.55%	0.337%
64	12.695	1762	1770	1778	rVB	177528	293716	26.26%	3.475%
65	12.774	1778	1783	1787	rBV6	625	1350	0.12%	0.016%
66	12.859	1793	1797	1799	rBV3	762	1209	0.11%	0.014%
67	12.938	1804	1810	1812	rBV4	3558	6202	0.55%	0.073%
68	13.042	1825	1827	1830	rBV3	546	581	0.05%	0.007%
69	13.073	1830	1832	1834	rBV3	634	617	0.06%	0.007%
70	13.164	1843	1847	1851	rVB4	1249	1810	0.16%	0.021%
71	13.255	1858	1862	1866	rBV3	2373	3284	0.29%	0.039%

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ClientSampleId : GAM17

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Title : VOC Analysis

72	13.384	1880	1883	1891	rBV5	879	1728	0.15%	0.020%
73	13.493	1892	1901	1905	rBV10	1941	6228	0.56%	0.074%
74	13.560	1905	1912	1920	rVV	558726	893219	79.87%	10.567%
75	13.853	1953	1960	1967	rBV	450764	742615	66.40%	8.785%
76	14.011	1983	1986	1987	rBV2	1250	1124	0.10%	0.013%
77	14.072	1991	1996	2005	rVB	17629	30066	2.69%	0.356%
78	14.213	2013	2019	2021	rBV5	740	1205	0.11%	0.014%
79	14.267	2023	2028	2033	rBV2	12452	20337	1.82%	0.241%
80	14.335	2033	2039	2045	rVV6	5817	10913	0.98%	0.129%
81	14.383	2045	2047	2052	rVB5	829	1229	0.11%	0.015%
82	14.499	2063	2066	2067	rBV3	758	761	0.07%	0.009%
83	14.627	2084	2087	2093	rVB6	1623	2282	0.20%	0.027%
84	14.731	2100	2104	2108	rVV4	1655	2574	0.23%	0.030%
85	14.804	2112	2116	2118	rVV4	675	961	0.09%	0.011%
86	14.841	2120	2122	2127	rVV5	748	1091	0.10%	0.013%
87	14.969	2141	2143	2146	rBV4	545	574	0.05%	0.007%
88	15.066	2155	2159	2163	rBV7	1017	1970	0.18%	0.023%
89	15.115	2163	2167	2169	rBV4	1227	1925	0.17%	0.023%
90	15.365	2205	2208	2212	rBV2	3423	5335	0.48%	0.063%
91	15.438	2217	2220	2225	rVB4	6419	9920	0.89%	0.117%
92	15.499	2225	2230	2232	rBV6	1481	2363	0.21%	0.028%
93	15.609	2246	2248	2251	rVB3	700	724	0.06%	0.009%
94	15.761	2268	2273	2275	rBV4	922	1326	0.12%	0.016%
95	15.895	2291	2295	2301	rVB7	1185	2756	0.25%	0.033%
96	15.981	2301	2309	2314	rBV5	1382	3472	0.31%	0.041%
97	16.078	2323	2325	2327	rBV2	400	447	0.04%	0.005%
98	16.468	2387	2389	2390	rBV2	773	468	0.04%	0.006%
99	16.578	2405	2407	2409	rVB2	514	457	0.04%	0.005%
100	16.669	2420	2422	2426	rVB4	530	703	0.06%	0.008%

Sum of corrected areas: 8453237

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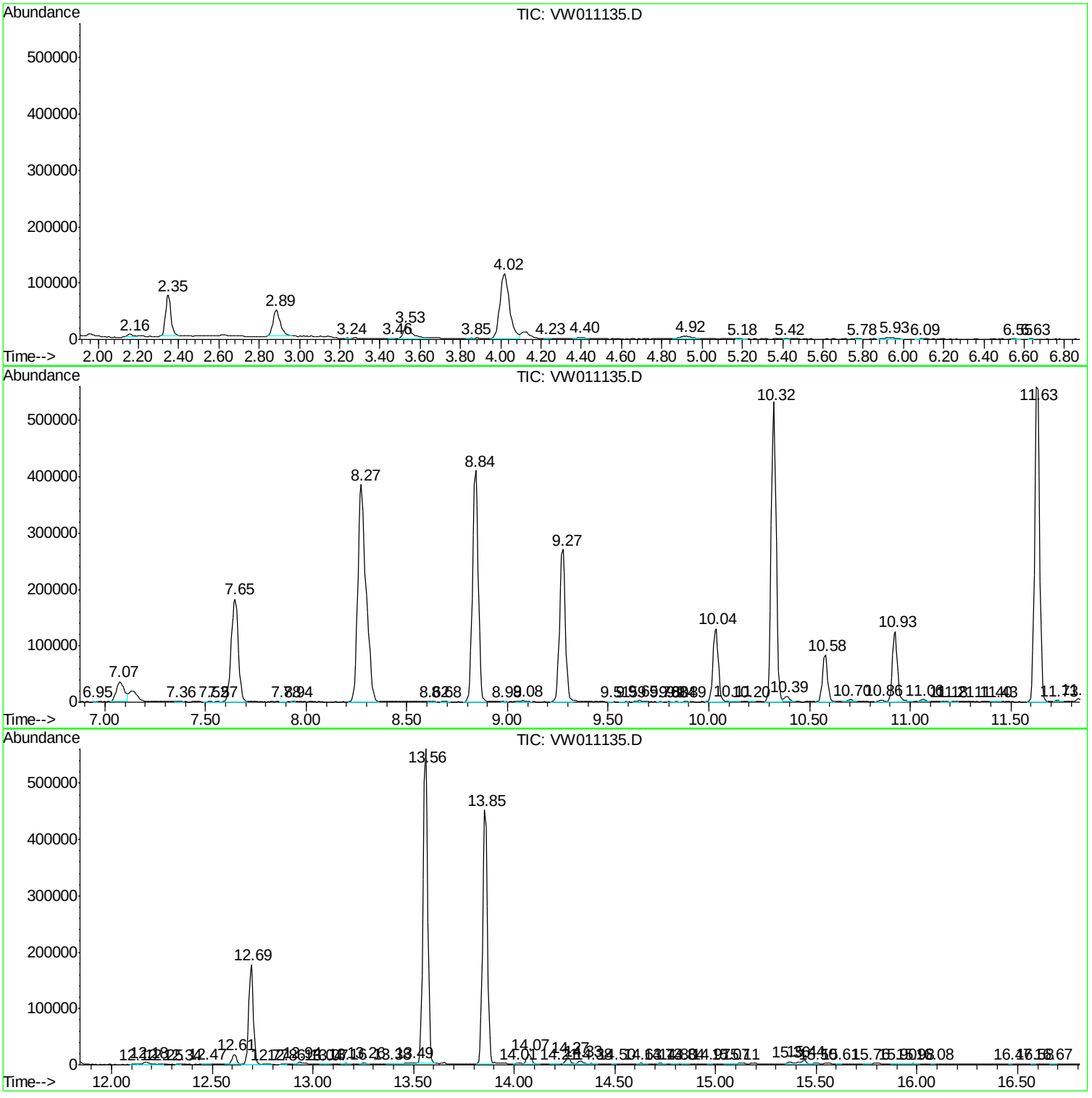
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070319\
Data File : VW011135.D
Acq On : 03 Jul 2019 10:58
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAM17

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

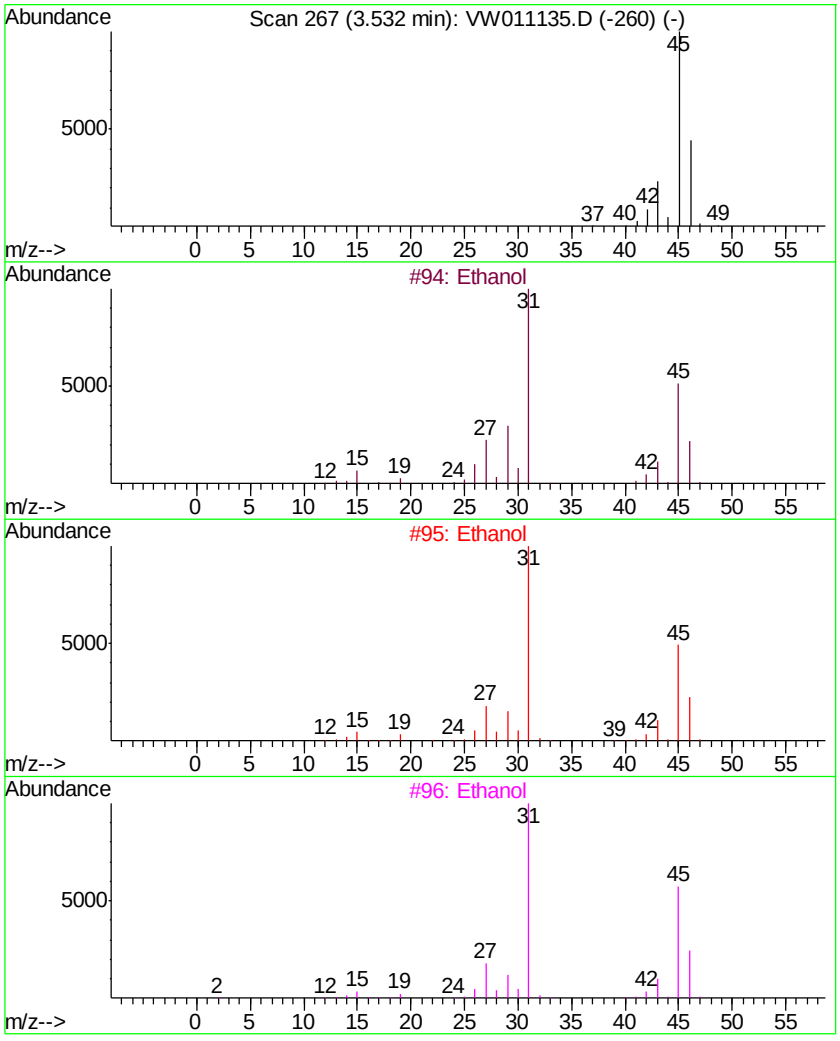
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

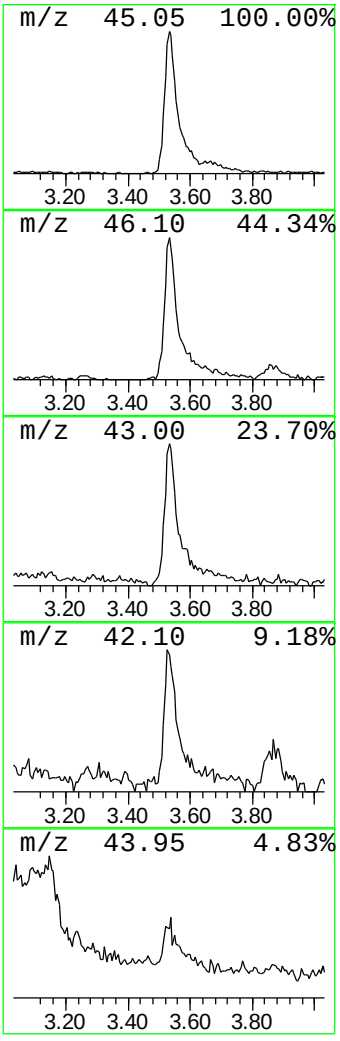
****

Peak Number 1 Ethanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	2.11 ug/L	68578	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	90
2	Ethanol	46	C2H6O	000064-17-5	83
3	Ethanol	46	C2H6O	000064-17-5	74
4	Dimethyl ether	46	C2H6O	000115-10-6	9
5	Dimethyl ether	46	C2H6O	000115-10-6	5





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
Ethanol	3.53	2.1	ug/L	68578	1	8.84	814220	25.0