LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121218\
Data File : VW007394.D
Acq On : 11 Dec 2018 14:06
Operator : SY/AP
Sample : J6297-11
Misc : 5.64G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E44

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\SOM2WLM120718S.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	2.361	69	75	89	rVB	16558	37300	8.99%	1.347%
2	2.892	155	162	179	rBV	12331	33216	8.00%	1.200%
3	3.373	236	241	250	rVB5	446	1041	0.25%	0.038%
4	3.526	259	266	279	rBV	5671	16077	3.87%	0.581%
5	3.843	313	318	319	rBV3	387	600	0.14%	0.022%
6	4.007	335	345	359	rBV2	49773	155107	37.37%	5.603%
7	4.391	399	408	419	rBB3	818	2613	0.63%	0.094%
8	4.593	438	441	444	rBV3	172	249	0.06%	0.009%
9	4.910	484	493	505	rVV4	4141	14747	3.55%	0.533%
10	4.995	505	507	509	rVB4	152	155	0.04%	0.006%
11	5.178	533	537	539	rBB4	128	160	0.04%	0.006%
12	5.275	550	553	556	rBV	120	190	0.05%	0.007%
13	5.361	566	567	571	rVB	164	189	0.05%	0.007%
14	5.434	575	579	580	rBV	148	147	0.04%	0.005%
15	5.678	617	619	621	rBV	135	146	0.04%	0.005%
16	5.781	632	636	637	rBV	213	225	0.05%	0.008%
17	5.885	650	653	654	rBV	161	172	0.04%	0.006%
18	5.928	654	660	669	rVB6	1290	3602	0.87%	0.130%
19	6.147	694	696	700	rBB2	159	186	0.04%	0.007%
20	6.226	706	709	712	rBV	129	207	0.05%	0.007%
21	6.617	770	773	775	rVB	164	167	0.04%	0.006%
22	6.812	802	805	807	rBB2	137	176	0.04%	0.006%
23	7.080	839	849	856	rBV	9541	28538	6.88%	1.031%
24	7.427	899	906	909	rBV2	515	1108	0.27%	0.040%
25	7.494	914	917	924	rBB2	220	510	0.12%	0.018%
26	7.555	924	927	930	rBV2	139	221	0.05%	0.008%
27	7.647	931	942	954	rVB	75124	181753	43.79%	6.566%
28	8.275	1036	1045	1060	rVB2	141654	415063	100.00%	14.994%
29	8.549	1086	1090	1096	rBV2	400	644	0.16%	0.023%
30	8.842	1129	1138	1147	rBV	137248	270811	65.25%	9.783%
31	9.031	1165	1169	1173	rBV2	650	916	0.22%	0.033%
32	9.275	1200	1209	1218	rBV	93127	186921	45.03%	6.752%
33	9.598	1258	1262	1266	rVB	221	365	0.09%	0.013%
34	9.659	1268	1272	1277	rBB	204	359	0.09%	0.013%

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Title : VOC Analysis

35	9.890	1307	1310	1313	rVB2	335	415	0.10%	0.015%
36	10.037	1326	1334	1345	rVB	47919	85843	20.68%	3.101%
37	10.122	1345	1348	1350	rBB	233	250	0.06%	0.009%
38	10.189	1356	1359	1360	rBV	191	206	0.05%	0.007%
39	10.201	1360	1361	1363	rVV2	395	309	0.07%	0.011%
40	10.250	1367	1369	1371	rBV2	539	475	0.11%	0.017%
41	10.323	1374	1381	1389	rVB	193021	337370	81.28%	12.187%
42	10.378	1389	1390	1391	rBV	440	241	0.06%	0.009%
43	10.579	1417	1423	1432	rVB	33061	56775	13.68%	2.051%
44	10.707	1438	1444	1451	rBV2	4592	8699	2.10%	0.314%
45	10.811	1451	1461	1464	rBV5	2620	7291	1.76%	0.263%
46	10.927	1474	1480	1490	rBV	38600	71993	17.35%	2.601%
47	11.067	1498	1503	1511	rBV2	8493	15875	3.82%	0.573%
48	11.634	1589	1596	1605	rVB	162848	274754	66.20%	9.925%
49	12.177	1680	1685	1688	rVB3	680	891	0.21%	0.032%
50	12.231	1692	1694	1695	rBV	267	239	0.06%	0.009%
51	12.292	1701	1704	1706	rBV	195	217	0.05%	0.008%
52	12.372	1714	1717	1719	rVB	303	261	0.06%	0.009%
53	12.475	1729	1734	1739	rVV3	6829	9532	2.30%	0.344%
54	12.615	1751	1757	1763	rVB	8353	12640	3.05%	0.457%
55	12.695	1763	1770	1781	rBB2	62529	128950	31.07%	4.658%
56	12.963	1806	1814	1819	rBV3	3066	6878	1.66%	0.248%
57	13.030	1819	1825	1830	rVV	3856	5838	1.41%	0.211%
58	13.158	1845	1846	1849	rBB	181	162	0.04%	0.006%
59	13.219	1849	1856	1864	rBV	14654	23428	5.64%	0.846%
60	13.298	1864	1869	1874	rVB4	3455	5909	1.42%	0.213%
61	13.359	1876	1879	1881	rBB	200	188	0.05%	0.007%
62	13.420	1885	1889	1891	rVB2	570	593	0.14%	0.021%
63	13.469	1894	1897	1899	rBV2	835	983	0.24%	0.036%
64	13.560	1906	1912	1918	rBV	110009	178102	42.91%	6.434%
65	13.768	1938	1946	1950	rBB3	451	774	0.19%	0.028%
66	13.798	1950	1951	1954	rBB3	356	282	0.07%	0.010%
67	13.859	1954	1961	1967	rBV	97191	158576	38.21%	5.728%
68	13.957	1973	1977	1981	rVB	320	457	0.11%	0.017%
69	14.018	1985	1987	1992	rBB	296	382	0.09%	0.014%
70	14.079	1992	1997	2005	rBV2	3304	5540	1.33%	0.200%
71	14.194	2014	2016	2017	rBV2	210	161	0.04%	0.006%

LSC Area Percent Report

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ClientSampleId : F9E44

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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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Title : VOC Analysis

72	14.213	2017	2019	2021	rVB	257	194	0.05%	0.007%
73	14.261	2024	2027	2029	rBV	129	177	0.04%	0.006%
74	14.335	2036	2039	2042	rBV3	544	718	0.17%	0.026%
75	14.426	2052	2054	2055	rBV	160	150	0.04%	0.005%
76	14.475	2061	2062	2067	rVB	149	189	0.05%	0.007%
77	14.524	2067	2070	2072	rBV	141	178	0.04%	0.006%
78	14.585	2077	2080	2082	rBV	176	260	0.06%	0.009%
79	14.652	2088	2091	2094	rBV	226	276	0.07%	0.010%
80	14.676	2094	2095	2099	rVV	225	285	0.07%	0.010%
81	14.737	2102	2105	2110	rBV2	500	632	0.15%	0.023%
82	14.847	2121	2123	2126	rBB	165	187	0.05%	0.007%
83	14.871	2126	2127	2132	rBB	147	194	0.05%	0.007%
84	14.926	2132	2136	2137	rBV2	239	307	0.07%	0.011%
85	15.072	2156	2160	2165	rVB3	2070	3276	0.79%	0.118%
86	15.213	2181	2183	2186	rBV	286	304	0.07%	0.011%
87	15.267	2190	2192	2193	rBV	210	172	0.04%	0.006%
88	15.298	2196	2197	2200	rBV3	235	247	0.06%	0.009%
89	15.365	2206	2208	2209	rBV	241	172	0.04%	0.006%
90	15.444	2217	2221	2227	rBV	710	1237	0.30%	0.045%
91	15.505	2227	2231	2237	rVB2	893	1677	0.40%	0.061%
92	15.676	2257	2259	2262	rBV	199	181	0.04%	0.007%
93	15.798	2277	2279	2281	rVB	187	184	0.04%	0.007%
94	15.834	2281	2285	2288	rBV2	269	436	0.11%	0.016%
95	15.926	2298	2300	2301	rBV2	151	151	0.04%	0.005%
96	16.005	2311	2313	2315	rBV	197	186	0.04%	0.007%
97	16.054	2319	2321	2323	rBV	152	160	0.04%	0.006%
98	16.243	2351	2352	2357	rBV2	169	304	0.07%	0.011%
99	16.688	2422	2425	2427	rBV2	193	257	0.06%	0.009%
100	16.712	2427	2429	2431	rVV2	239	220	0.05%	0.008%

Sum of corrected areas: 2768271

LSC Report - Integrated Chromatogram

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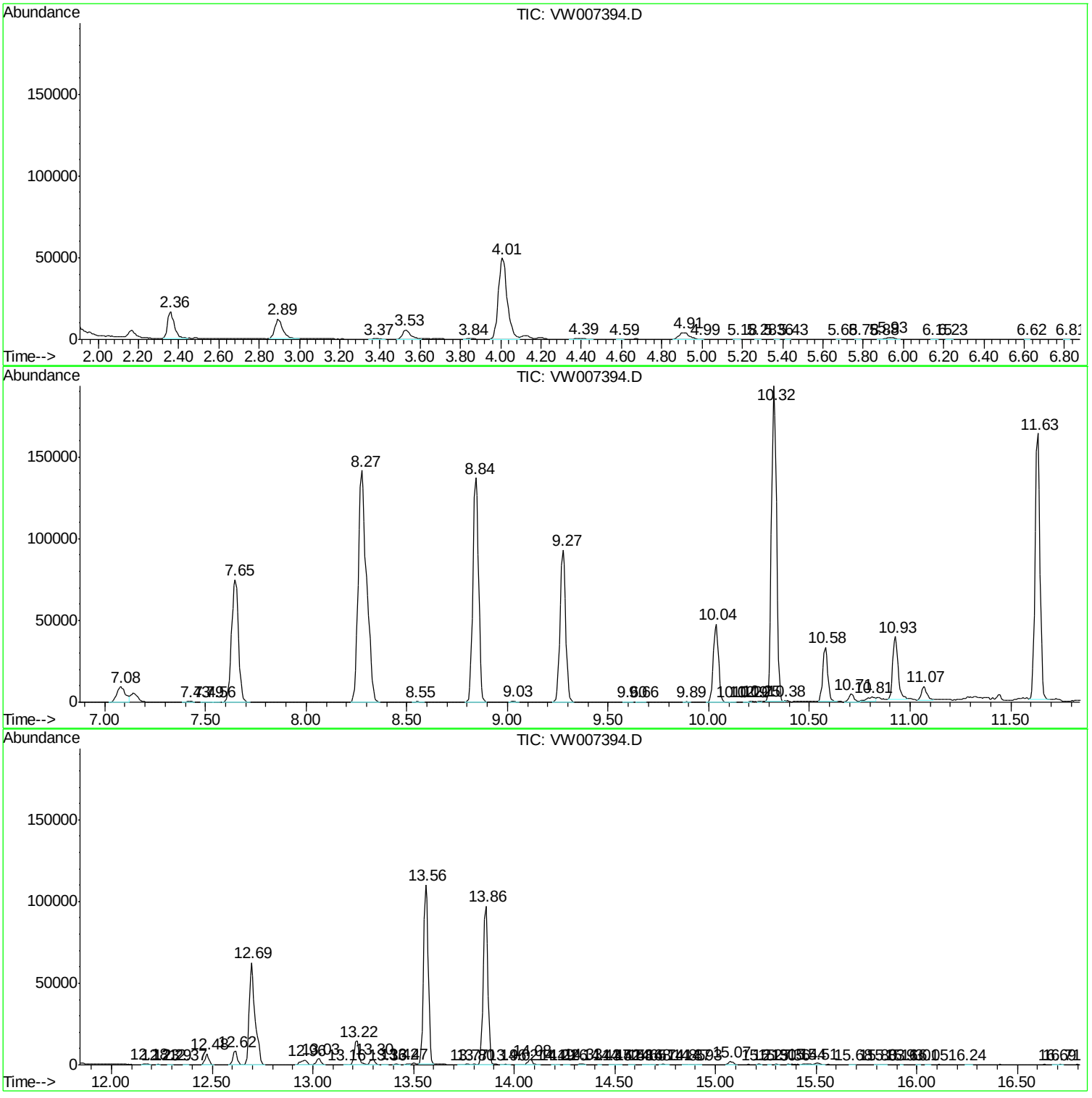
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E44

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.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\VW121218\
Data File : VW007394.D
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Instrument : MSVOA_W
ClientSampleId : F9E44

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

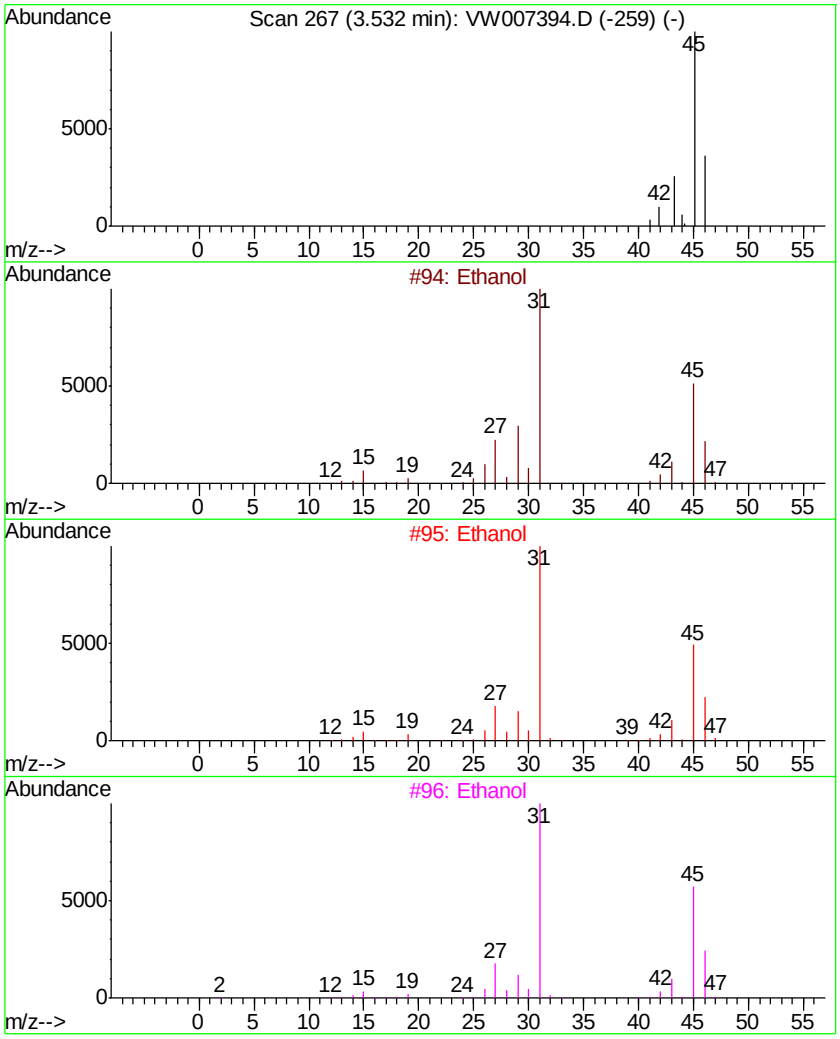
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

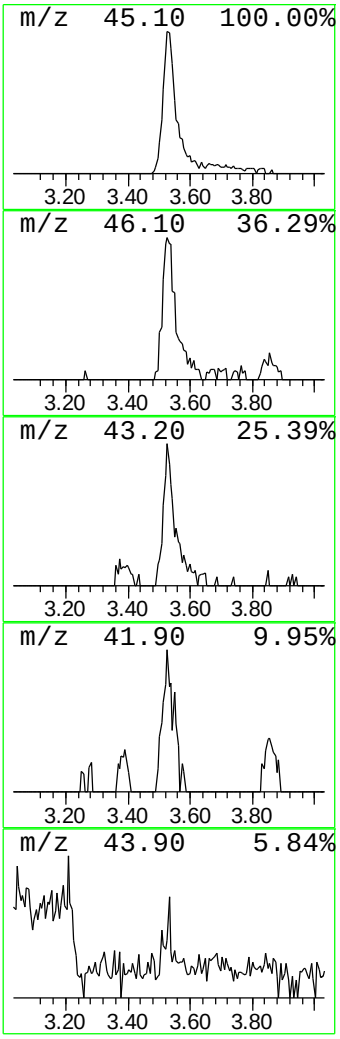
****

Peak Number 1 Ethanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	1.48 ug/L	16077	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	9
2	Ethanol	46	C2H6O	000064-17-5	5
3	Ethanol	46	C2H6O	000064-17-5	5
4	Dimethyl ether	46	C2H6O	000115-10-6	5
5	Methane, nitroso-	45	CH3NO	000865-40-7	3





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Instrument : MSVOA_W
ClientSampleId : F9E44

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

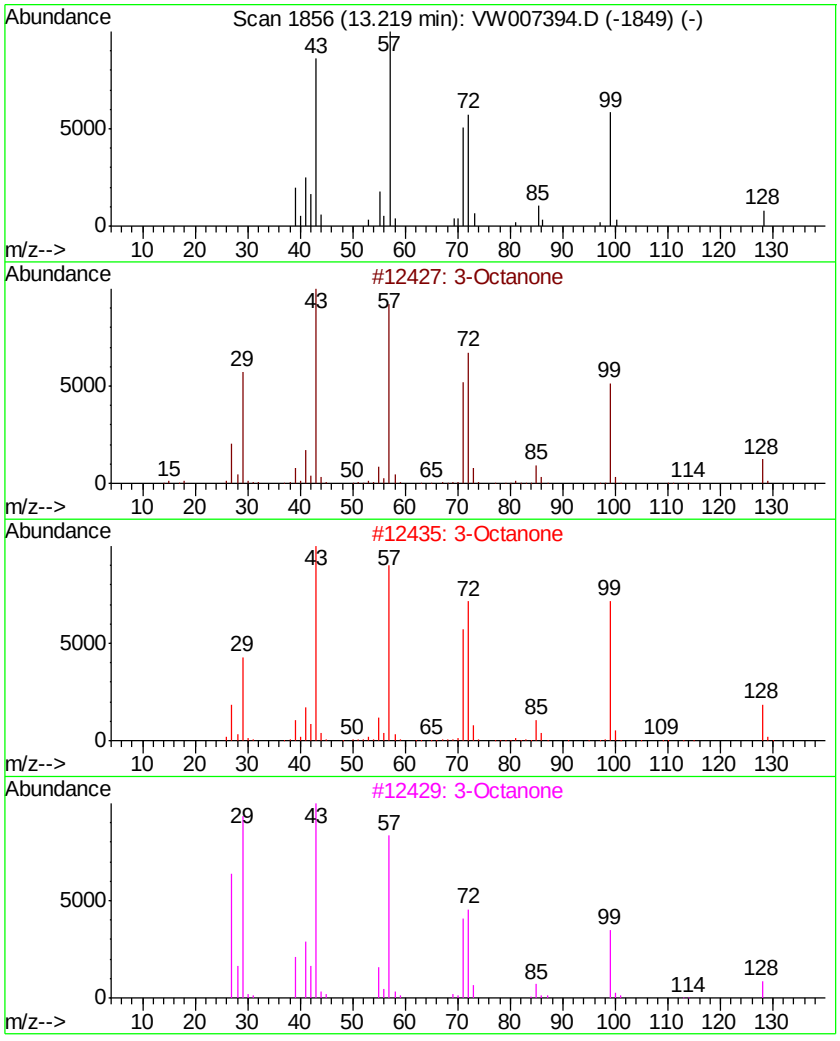
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

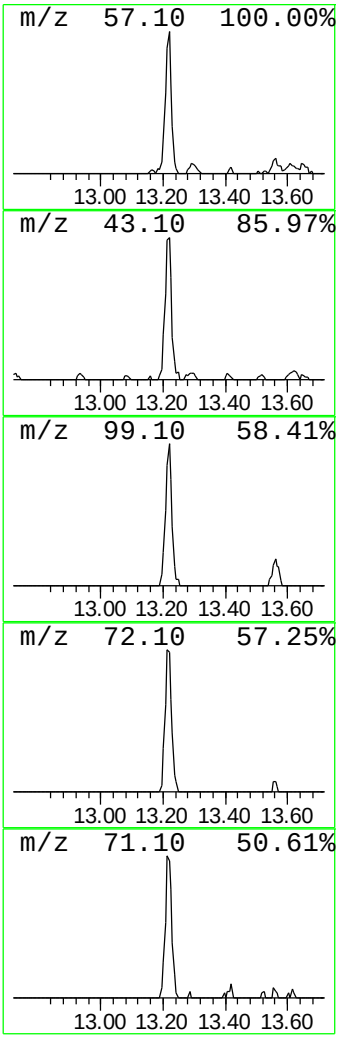
****

Peak Number 5 3-Octanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	3.29 ug/L	23428	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	91
2	3-Octanone	128	C8H16O	000106-68-3	90
3	3-Octanone	128	C8H16O	000106-68-3	87
4	3-Octanone	128	C8H16O	000106-68-3	74
5	3-Octanone	128	C8H16O	000106-68-3	53





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	1.5	ug/L	16077	1	8.84	270811	25.0
3-Octanone	13.22	3.3	ug/L	23428	3	13.57	178102	25.0