LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083118\
Data File : VV007299.D
Acq On : 31 Aug 2018 14:33
Operator : SY/MD
Sample : J4665-12
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E0AA6

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_V\METHOD\SOMVLM083118WMA.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	0.913	3	7	12	rVB4	362	305	0.01%	0.001%
2	0.942	12	16	20	rBV2	600	517	0.01%	0.002%
3	1.032	31	44	68	rBV	3469527	4338003	71.95%	13.225%
4	1.321	127	134	156	rVB2	476777	568630	9.43%	1.734%
5	1.582	209	215	227	rVV	187608	213223	3.54%	0.650%
6	1.643	229	234	245	rVB	78560	97740	1.62%	0.298%
7	2.135	377	387	401	rBV	470639	672836	11.16%	2.051%
8	2.794	584	592	607	rVB	45189	77278	1.28%	0.236%
9	3.234	717	729	748	rVB	57298	121986	2.02%	0.372%
10	3.363	767	769	770	rBV	649	304	0.01%	0.001%
11	3.533	818	822	824	rBV3	463	380	0.01%	0.001%
12	3.887	928	932	933	rBV3	367	289	0.00%	0.001%
13	3.967	937	957	993	rBV2	955596	2432610	40.35%	7.416%
14	4.408	1076	1094	1117	rBV	342584	823693	13.66%	2.511%
15	4.598	1151	1153	1155	rBV2	524	275	0.00%	0.001%
16	4.665	1155	1174	1189	rBV2	79770	197516	3.28%	0.602%
17	4.877	1237	1240	1243	rVB	285	222	0.00%	0.001%
18	4.922	1252	1254	1258	rVB2	379	218	0.00%	0.001%
19	4.961	1263	1266	1269	rVB2	504	312	0.01%	0.001%
20	4.987	1269	1274	1276	rBV2	407	358	0.01%	0.001%
21	5.102	1289	1310	1348	rBV2	873610	2149073	35.65%	6.552%
22	5.382	1392	1397	1401	rBV4	833	798	0.01%	0.002%
23	5.437	1410	1414	1415	rBV2	377	274	0.00%	0.001%
24	5.533	1439	1444	1447	rVB3	649	433	0.01%	0.001%
25	5.594	1459	1463	1465	rVB2	451	289	0.00%	0.001%
26	5.614	1465	1469	1471	rVB2	293	236	0.00%	0.001%
27	5.672	1471	1487	1519	rBV	698032	1392626	23.10%	4.246%
28	5.906	1557	1560	1561	rBV	420	283	0.00%	0.001%
29	5.964	1561	1578	1612	rVV	3108210	6028940	100.00%	18.380%
30	6.125	1615	1628	1661	rVB	494741	997390	16.54%	3.041%
31	6.540	1755	1757	1760	rBV2	578	261	0.00%	0.001%
32	6.562	1761	1764	1765	rBV2	603	307	0.01%	0.001%
33	6.591	1770	1773	1778	rBV4	572	542	0.01%	0.002%
34	6.614	1778	1780	1783	rBV2	317	233	0.00%	0.001%

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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E0AA6

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
Title : VOC Analysis

35	6.700	1804	1807	1809	rBV2	768	507	0.01%	0.002%
36	6.745	1813	1821	1831	rVB3	2848	5784	0.10%	0.018%
37	6.893	1864	1867	1873	rVB2	554	470	0.01%	0.001%
38	6.922	1873	1876	1877	rBV2	477	330	0.01%	0.001%
39	7.035	1896	1911	1939	rBV	247338	445867	7.40%	1.359%
40	7.215	1965	1967	1971	rBV4	379	253	0.00%	0.001%
41	7.234	1971	1973	1977	rVB3	829	579	0.01%	0.002%
42	7.263	1977	1982	1985	rBV3	801	704	0.01%	0.002%
43	7.318	1997	1999	2000	rBV2	610	276	0.00%	0.001%
44	7.366	2000	2014	2042	rVV	903807	1587831	26.34%	4.841%
45	7.668	2096	2108	2132	rBV	173687	303536	5.03%	0.925%
46	8.022	2204	2218	2244	rBV	2100708	3511117	58.24%	10.704%
47	8.147	2245	2257	2298	rVB2	543091	1035373	17.17%	3.156%
48	8.466	2353	2356	2358	rBV3	600	437	0.01%	0.001%
49	8.495	2363	2365	2368	rBV2	637	393	0.01%	0.001%
50	8.575	2388	2390	2391	rBV2	545	256	0.00%	0.001%
51	8.681	2419	2423	2427	rVB5	546	564	0.01%	0.002%
52	8.704	2427	2430	2432	rVB2	507	313	0.01%	0.001%
53	8.720	2432	2435	2437	rBV4	607	358	0.01%	0.001%
54	8.742	2440	2442	2446	rVB3	580	392	0.01%	0.001%
55	8.778	2450	2453	2456	rBV3	441	422	0.01%	0.001%
56	8.813	2462	2464	2468	rVB4	601	455	0.01%	0.001%
57	8.845	2472	2474	2476	rBV3	508	222	0.00%	0.001%
58	8.900	2477	2491	2523	rBV	1029048	1677599	27.83%	5.114%
59	9.176	2571	2577	2578	rBV4	1191	1003	0.02%	0.003%
60	9.282	2601	2610	2615	rBV4	608	963	0.02%	0.003%
61	9.343	2625	2629	2634	rVB3	562	566	0.01%	0.002%
62	9.366	2634	2636	2637	rBV	441	212	0.00%	0.001%
63	9.482	2668	2672	2675	rBV4	478	385	0.01%	0.001%
64	9.585	2700	2704	2706	rBV3	1391	1055	0.02%	0.003%
65	9.652	2720	2725	2730	rVB4	1969	2073	0.03%	0.006%
66	9.749	2752	2755	2759	rBV3	530	324	0.01%	0.001%
67	9.887	2793	2798	2802	rBV4	410	548	0.01%	0.002%
68	9.954	2815	2819	2820	rBV3	385	270	0.00%	0.001%
69	9.970	2820	2824	2827	rVV3	646	622	0.01%	0.002%
70	9.986	2827	2829	2832	rVB2	721	373	0.01%	0.001%
71	10.060	2849	2852	2858	rVB3	550	548	0.01%	0.002%

LSC Area Percent Report

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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId : E0AA6

Integration Parameters: LSCINT.P
Integrator: RTE
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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_V\METHOD\SOMVLM083118WMA.M
Title : VOC Analysis

72	10.266	2902	2916	2950	rBV	666692	1055266	17.50%	3.217%
73	10.385	2950	2953	2954	rVV	507	261	0.00%	0.001%
74	10.427	2958	2966	2980	rVB4	3602	6017	0.10%	0.018%
75	10.530	2993	2998	2999	rBV3	509	425	0.01%	0.001%
76	10.559	3004	3007	3009	rVV3	864	684	0.01%	0.002%
77	10.588	3013	3016	3021	rVB3	535	462	0.01%	0.001%
78	10.620	3023	3026	3027	rVV3	706	327	0.01%	0.001%
79	10.633	3028	3030	3034	rVB3	598	345	0.01%	0.001%
80	10.720	3055	3057	3062	rBV3	722	542	0.01%	0.002%
81	10.794	3077	3080	3083	rBV	417	269	0.00%	0.001%
82	10.961	3130	3132	3140	rBV6	482	600	0.01%	0.002%
83	11.035	3152	3155	3157	rBV3	358	220	0.00%	0.001%
84	11.228	3211	3215	3223	rVB5	1472	1930	0.03%	0.006%
85	11.302	3225	3238	3264	rVV	824574	1330236	22.06%	4.055%
86	11.459	3283	3287	3288	rBV	736	527	0.01%	0.002%
87	11.588	3313	3327	3342	rBV2	121250	264054	4.38%	0.805%
88	11.678	3343	3355	3378	rVB	876034	1426077	23.65%	4.348%
89	12.128	3491	3495	3499	rBV4	504	575	0.01%	0.002%
90	12.189	3512	3514	3517	rBV3	706	306	0.01%	0.001%
91	12.302	3546	3549	3552	rBV3	1003	645	0.01%	0.002%
92	12.520	3615	3617	3619	rBV2	574	338	0.01%	0.001%
93	12.562	3627	3630	3634	rBV3	807	666	0.01%	0.002%
94	12.694	3665	3671	3679	rBV7	1966	2571	0.04%	0.008%
95	12.909	3735	3738	3740	rBV2	565	305	0.01%	0.001%
96	12.928	3741	3744	3747	rBV3	699	604	0.01%	0.002%
97	12.967	3754	3756	3759	rVB	846	338	0.01%	0.001%
98	13.173	3818	3820	3826	rBV2	533	497	0.01%	0.002%
99	13.318	3859	3865	3875	rBV9	2235	4162	0.07%	0.013%
100	14.137	4117	4120	4126	rBV5	837	748	0.01%	0.002%

Sum of corrected areas: 32801357

LSC Report - Integrated Chromatogram

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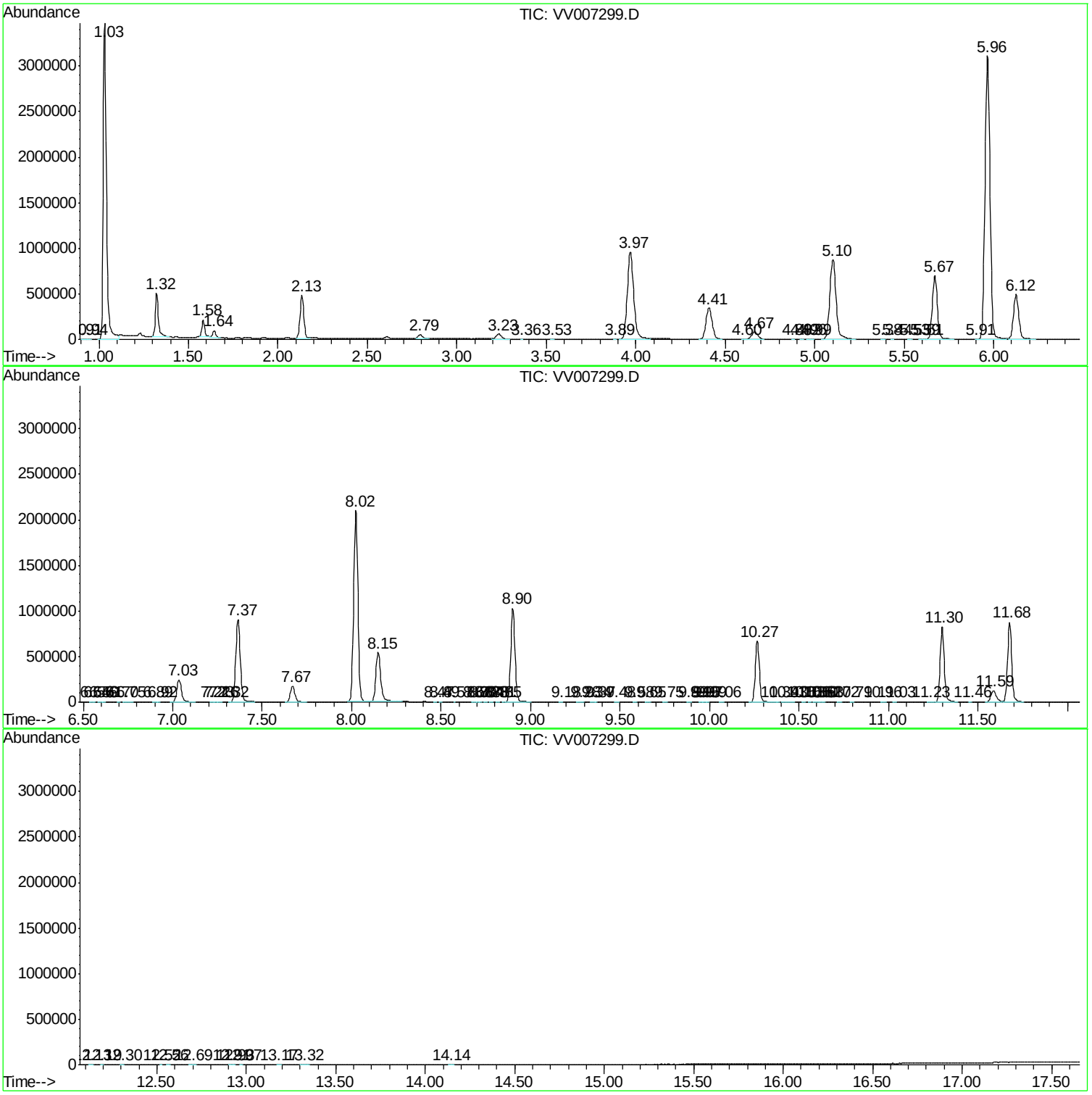
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E0AA6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
Quant Title : VOC Analysis

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



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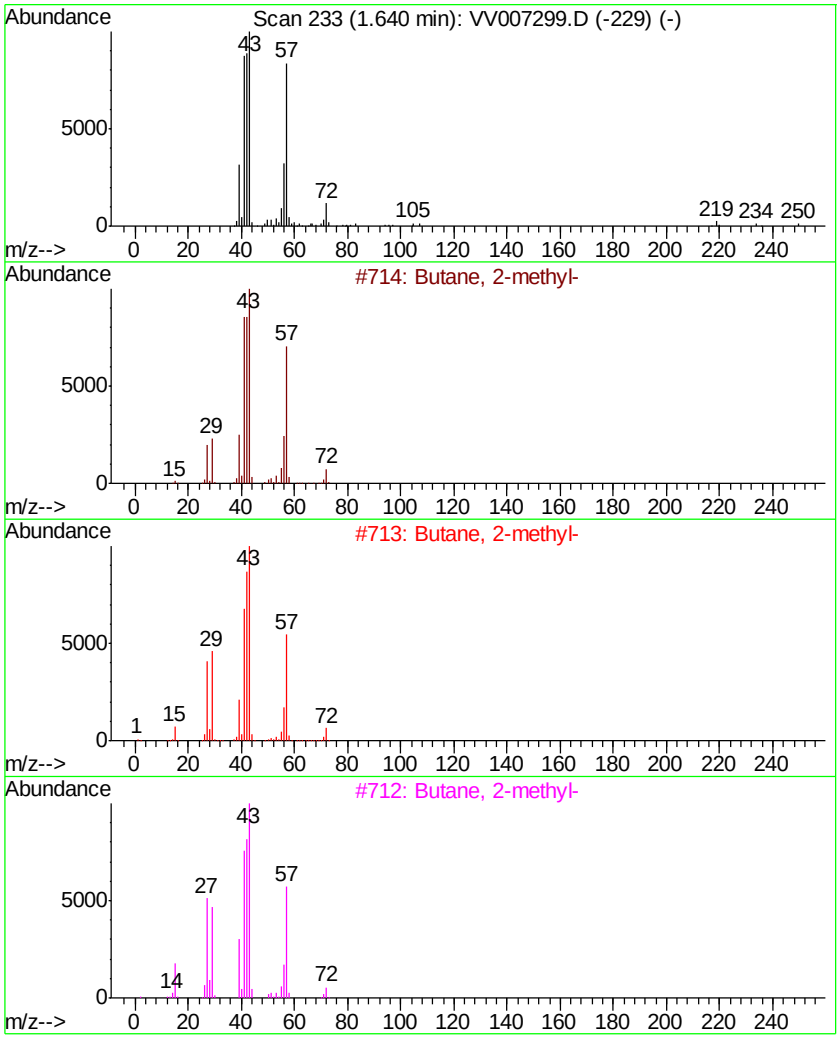
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

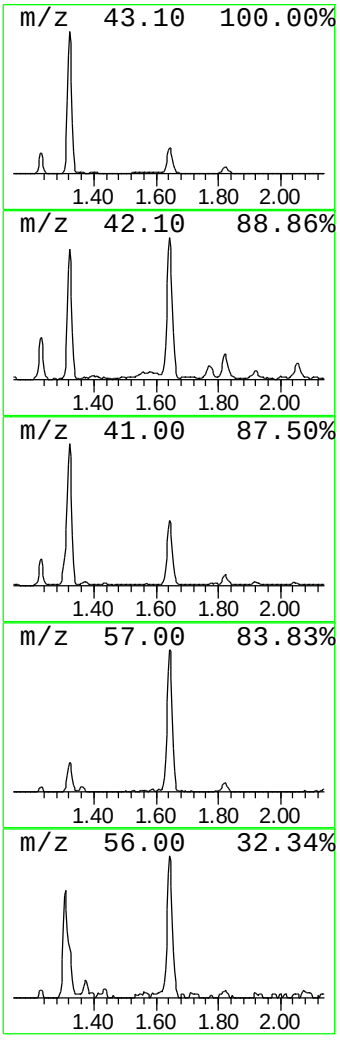
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.64	3.51 ug/L	97740	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	90
3	Butane, 2-methyl-	72	C5H12	000078-78-4	83
4	Pentane	72	C5H12	000109-66-0	33
5	Oxirane, trimethyl-	86	C5H10O	005076-19-7	33





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
Quant Title : VOC Analysis

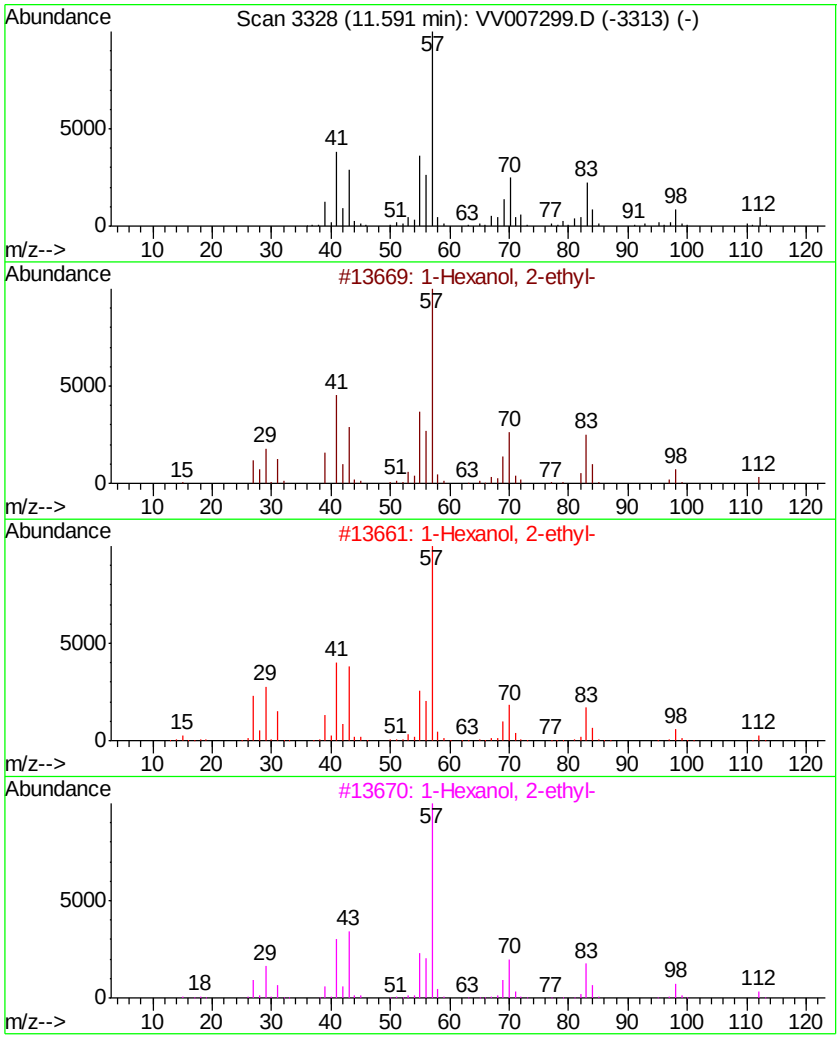
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

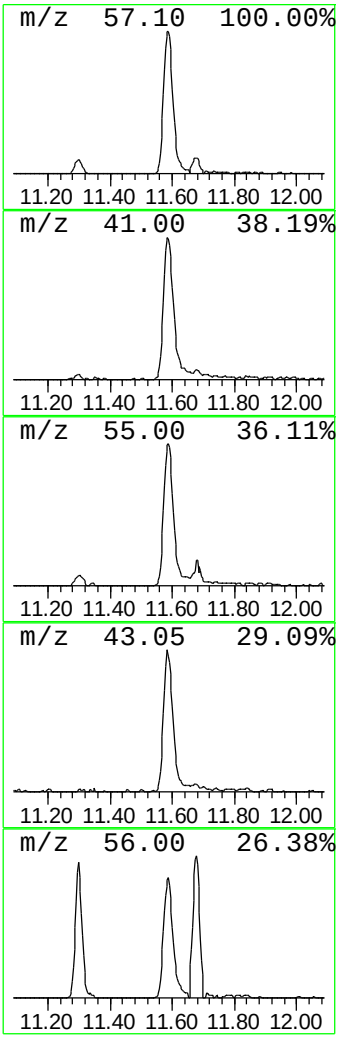
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	9.93 ug/L	264054	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56





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...	1.64	3.5	ug/L	97740	1	5.67	1392630	50.0
1-Hexanol, 2-ethyl-	11.59	9.9	ug/L	264054	3	11.30	1330240	50.0