LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070119\
Data File : VU033102.D
Acq On : 01 Jul 2019 10:08
Operator : JC/SP
Sample : K3599-12
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM21

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_U\METHOD\SOMULM061719WMA.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	1.283	55	60	79	rVB	30215	36201	4.99%	0.611%
2	1.389	86	93	109	rBV	66331	84663	11.66%	1.429%
3	2.222	343	352	367	rVB	160549	244434	33.67%	4.124%
4	2.820	530	538	552	rVB2	5922	12238	1.69%	0.206%
5	3.061	610	613	616	rVB	150	84	0.01%	0.001%
6	3.080	616	619	622	rBV2	194	132	0.02%	0.002%
7	3.109	626	628	630	rBV	340	182	0.03%	0.003%
8	3.145	637	639	642	rBV2	310	169	0.02%	0.003%
9	3.174	646	648	651	rBV3	223	137	0.02%	0.002%
10	3.267	674	677	681	rBV2	223	154	0.02%	0.003%
11	3.331	695	697	699	rBV	174	96	0.01%	0.002%
12	3.386	712	714	715	rBV	240	98	0.01%	0.002%
13	3.479	741	743	746	rVB	282	155	0.02%	0.003%
14	3.514	750	754	755	rBV	162	120	0.02%	0.002%
15	3.550	760	765	771	rBV	390	437	0.06%	0.007%
16	3.588	773	777	779	rBV2	393	262	0.04%	0.004%
17	3.691	806	809	811	rBV	195	110	0.02%	0.002%
18	3.740	822	824	827	rBV2	327	146	0.02%	0.002%
19	3.759	827	830	831	rBV	268	149	0.02%	0.003%
20	3.987	899	901	903	rBV	150	88	0.01%	0.001%
21	4.003	904	906	909	rVV2	249	159	0.02%	0.003%
22	4.022	909	912	917	rVB	266	202	0.03%	0.003%
23	4.100	933	936	940	rBV	170	111	0.02%	0.002%
24	4.186	951	963	984	rBV2	48677	162216	22.35%	2.737%
25	4.563	1076	1080	1084	rVB2	431	343	0.05%	0.006%
26	4.633	1084	1102	1131	rBV	120948	304572	41.96%	5.139%
27	4.807	1154	1156	1158	rBV2	164	110	0.02%	0.002%
28	5.029	1219	1225	1227	rBV2	353	349	0.05%	0.006%
29	5.071	1233	1238	1243	rBV2	231	242	0.03%	0.004%
30	5.096	1243	1246	1250	rBV	231	226	0.03%	0.004%
31	5.145	1258	1261	1265	rBV2	168	181	0.02%	0.003%
32	5.248	1290	1293	1294	rBV	111	79	0.01%	0.001%
33	5.318	1294	1315	1337	rBV2	251139	725910	100.00%	12.248%
34	5.489	1365	1368	1370	rBV2	164	124	0.02%	0.002%

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Instrument : MSVOA_U
ClientSampleId : GAM21

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_U\METHOD\SOMULM061719WMA.M
Title : VOC Analysis

35	5.585	1396	1398	1401	rVB2	281	103	0.01%	0.002%
36	5.604	1401	1404	1405	rBV	500	251	0.03%	0.004%
37	5.656	1419	1420	1427	rVB2	405	282	0.04%	0.005%
38	5.739	1443	1446	1447	rBV2	154	77	0.01%	0.001%
39	5.804	1459	1466	1468	rBV2	451	573	0.08%	0.010%
40	5.875	1473	1488	1510	rBV	230836	474027	65.30%	7.998%
41	6.042	1536	1540	1544	rBV2	568	550	0.08%	0.009%
42	6.109	1557	1561	1563	rBV2	286	196	0.03%	0.003%
43	6.164	1569	1578	1589	rBV5	3907	7628	1.05%	0.129%
44	6.318	1613	1626	1651	rBV	160076	338962	46.69%	5.719%
45	6.556	1697	1700	1701	rBV	216	118	0.02%	0.002%
46	6.604	1710	1715	1717	rBV	438	345	0.05%	0.006%
47	6.640	1724	1726	1730	rBV3	302	147	0.02%	0.002%
48	6.694	1740	1743	1745	rBV2	252	204	0.03%	0.003%
49	6.717	1747	1750	1753	rVB2	258	172	0.02%	0.003%
50	6.775	1763	1768	1773	rBV2	170	217	0.03%	0.004%
51	6.842	1786	1789	1791	rVV2	224	158	0.02%	0.003%
52	6.878	1791	1800	1809	rVV6	1756	3833	0.53%	0.065%
53	6.964	1821	1827	1830	rBV	286	276	0.04%	0.005%
54	6.997	1834	1837	1842	rVB2	311	306	0.04%	0.005%
55	7.019	1842	1844	1848	rBV	173	161	0.02%	0.003%
56	7.064	1855	1858	1860	rBV2	312	177	0.02%	0.003%
57	7.090	1864	1866	1869	rVB2	220	85	0.01%	0.001%
58	7.218	1894	1906	1932	rBV	88421	170402	23.47%	2.875%
59	7.357	1945	1949	1951	rBV	254	225	0.03%	0.004%
60	7.479	1980	1987	1995	rBV4	1183	2166	0.30%	0.037%
61	7.556	1999	2011	2031	rBV	312612	557564	76.81%	9.408%
62	7.759	2072	2074	2078	rBV2	326	259	0.04%	0.004%
63	7.845	2090	2101	2123	rBV	61642	120812	16.64%	2.038%
64	7.968	2136	2139	2143	rBV2	207	110	0.02%	0.002%
65	8.042	2159	2162	2163	rBV2	176	84	0.01%	0.001%
66	8.093	2172	2178	2181	rBV	326	366	0.05%	0.006%
67	8.222	2211	2218	2226	rVB4	2054	3174	0.44%	0.054%
68	8.321	2236	2249	2287	rBV	180868	395400	54.47%	6.672%
69	8.517	2307	2310	2314	rVB4	532	390	0.05%	0.007%
70	8.714	2368	2371	2373	rBV	202	123	0.02%	0.002%
71	8.935	2438	2440	2442	rBV2	225	104	0.01%	0.002%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Title : VOC Analysis

72	9.083	2474	2486	2510	rBV	350291	622033	85.69%	10.495%
73	9.251	2533	2538	2540	rBV2	581	499	0.07%	0.008%
74	9.299	2550	2553	2555	rBV2	259	189	0.03%	0.003%
75	9.321	2558	2560	2563	rBV2	158	92	0.01%	0.002%
76	9.370	2571	2575	2576	rBV	422	316	0.04%	0.005%
77	9.437	2588	2596	2606	rVB4	5705	9143	1.26%	0.154%
78	9.489	2606	2612	2615	rBV2	316	225	0.03%	0.004%
79	9.505	2615	2617	2619	rBV2	182	106	0.01%	0.002%
80	9.816	2709	2714	2715	rBV	199	108	0.01%	0.002%
81	9.833	2716	2719	2721	rBV2	232	142	0.02%	0.002%
82	9.900	2738	2740	2743	rBV2	273	149	0.02%	0.003%
83	10.090	2796	2799	2800	rBV	187	105	0.01%	0.002%
84	10.167	2820	2823	2825	rBV	490	341	0.05%	0.006%
85	10.196	2828	2832	2834	rBV	248	160	0.02%	0.003%
86	10.318	2867	2870	2874	rBV	632	508	0.07%	0.009%
87	10.431	2892	2905	2925	rBV	255214	423591	58.35%	7.147%
88	10.749	3002	3004	3007	rBV	144	98	0.01%	0.002%
89	10.768	3008	3010	3011	rVV	360	130	0.02%	0.002%
90	10.810	3014	3023	3035	rVB2	22012	32892	4.53%	0.555%
91	10.874	3040	3043	3044	rBV2	415	251	0.03%	0.004%
92	10.919	3054	3057	3058	rBV2	277	137	0.02%	0.002%
93	10.996	3071	3081	3083	rBV	299	516	0.07%	0.009%
94	11.128	3120	3122	3125	rBV2	250	140	0.02%	0.002%
95	11.228	3151	3153	3155	rVB2	259	119	0.02%	0.002%
96	11.250	3156	3160	3162	rBV	323	246	0.03%	0.004%
97	11.350	3189	3191	3192	rBV	217	111	0.02%	0.002%
98	11.482	3220	3232	3252	rBV	387698	619894	85.40%	10.459%
99	11.858	3337	3349	3370	rBV	333258	559089	77.02%	9.433%
100	12.434	3524	3528	3532	rBV2	419	444	0.06%	0.007%

Sum of corrected areas: 5926680

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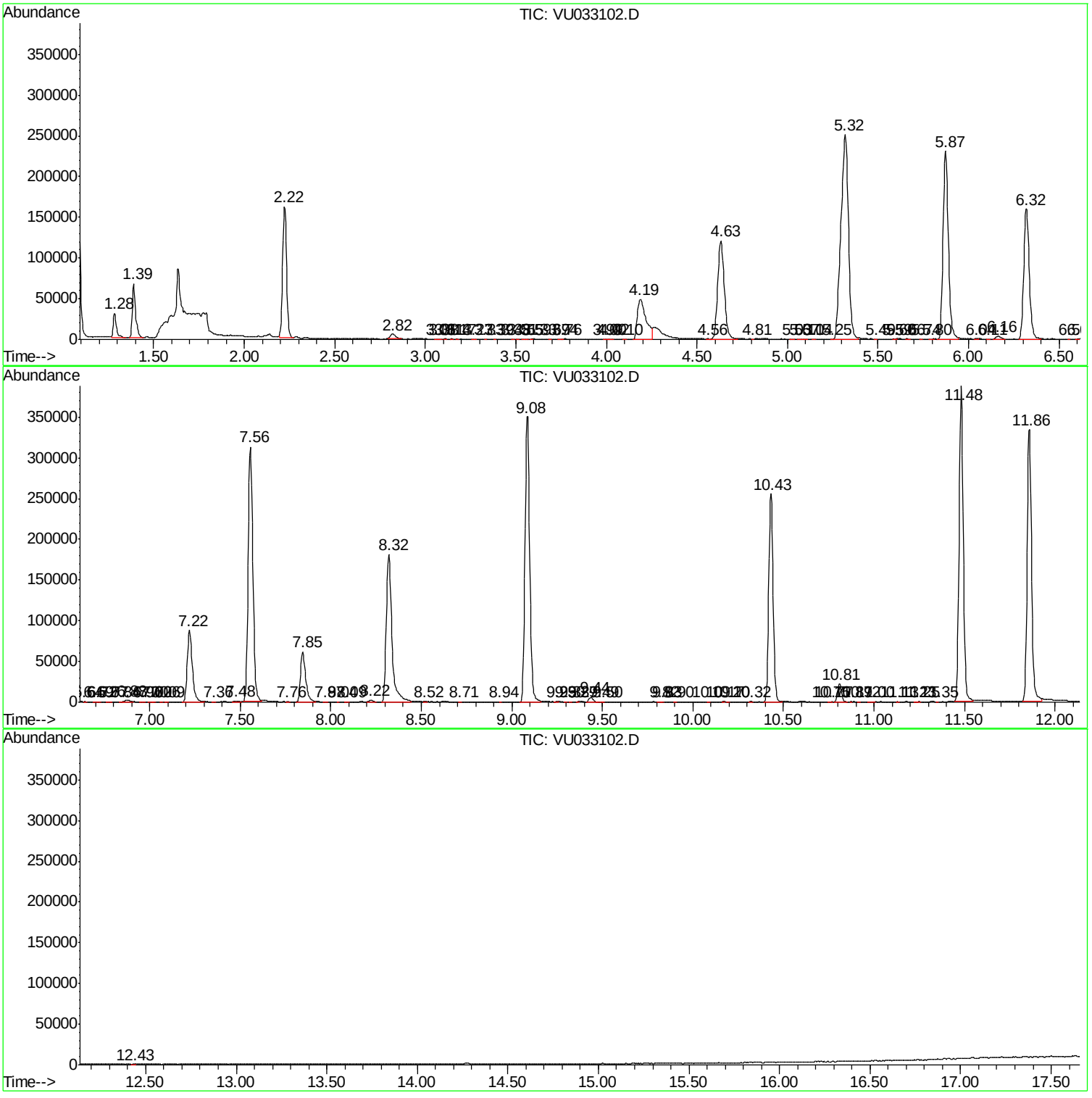
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

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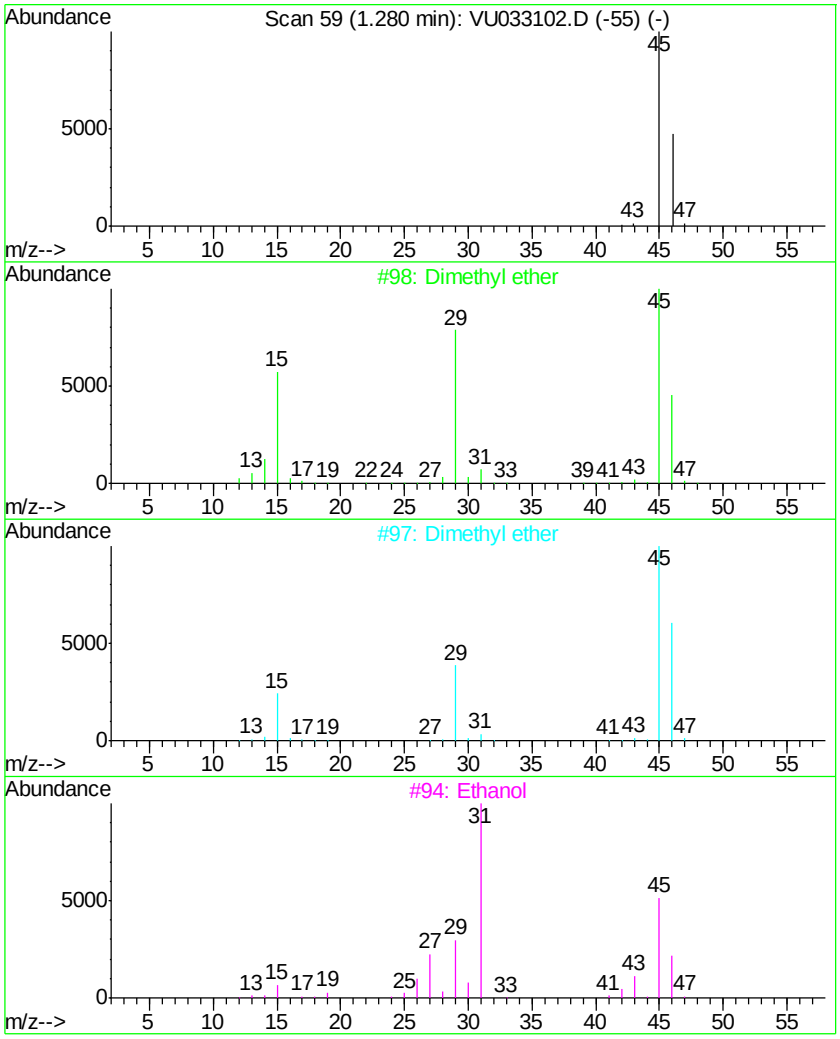
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

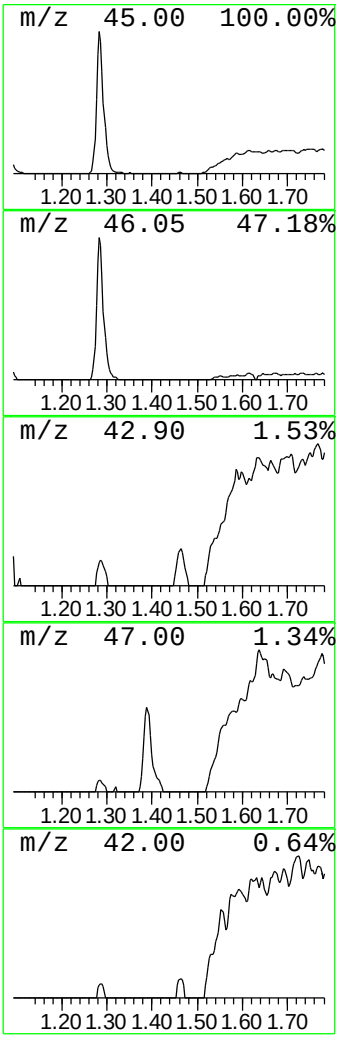
****

Peak Number 1 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.28	3.82 ug/L	36201	1,4-Difluorobenzene	5.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	74
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Ethanol	46	C2H6O	000064-17-5	7
4	Ethanol	46	C2H6O	000064-17-5	7
5	Formic acid	46	CH2O2	000064-18-6	5





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

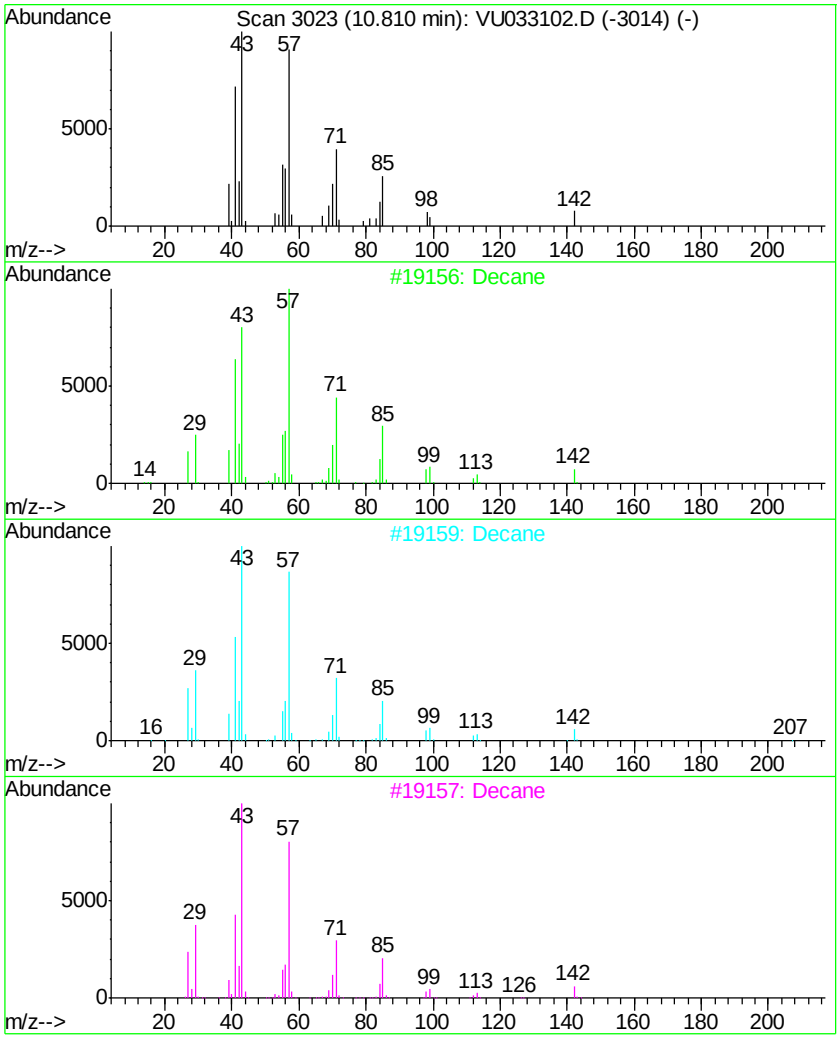
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

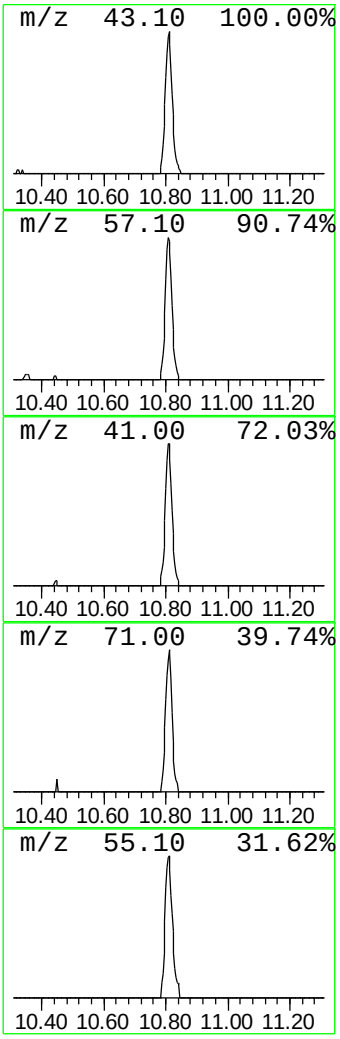
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	2.65 ug/L	32892	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Decane	142	C10H22	000124-18-5	90
3	Decane	142	C10H22	000124-18-5	83
4	Decane	142	C10H22	000124-18-5	59
5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	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
Dimethyl ether	1.28	3.8	ug/L	36201	1	5.87	474027	50.0
(DEL) Alkane: Str...	10.81	2.6	ug/L	32892	3	11.48	619894	50.0