LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072018\
Data File : VW004094.D
Acq On : 21 Jul 2018 00:57
Operator : SY/AP
Sample : J4038-08
Misc : 6.70G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1M3

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\SOM2WLM071818S.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	1.745	16	26	28	rBV	10139	19561	0.23%	0.135%
2	1.806	28	36	58	rVB	3907524	8378462	100.00%	57.953%
3	2.166	89	95	99	rBV4	1689	4453	0.05%	0.031%
4	2.276	111	113	116	rBV4	847	1318	0.02%	0.009%
5	2.349	117	125	135	rVV	52009	97188	1.16%	0.672%
6	2.623	164	170	171	rBV3	4544	6568	0.08%	0.045%
7	2.891	207	214	226	rVB	30420	76851	0.92%	0.532%
8	3.385	292	295	299	rVB3	1655	1927	0.02%	0.013%
9	3.721	345	350	357	rVB2	3293	7239	0.09%	0.050%
10	3.849	365	371	372	rBV3	1295	1798	0.02%	0.012%
11	3.922	380	383	386	rBV3	311	484	0.01%	0.003%
12	4.007	386	397	410	rBV	86747	255864	3.05%	1.770%
13	4.263	435	439	440	rBV3	337	396	0.00%	0.003%
14	4.373	454	457	460	rBV3	399	626	0.01%	0.004%
15	4.489	474	476	479	rBV2	280	366	0.00%	0.003%
16	4.611	494	496	499	rVB2	473	434	0.01%	0.003%
17	4.653	499	503	505	rBV3	352	456	0.01%	0.003%
18	4.915	537	546	553	rVV4	3201	9979	0.12%	0.069%
19	5.111	574	578	580	rBV2	451	492	0.01%	0.003%
20	5.172	586	588	591	rBV3	392	480	0.01%	0.003%
21	5.239	595	599	603	rBB4	366	433	0.01%	0.003%
22	5.428	625	630	632	rVV2	419	686	0.01%	0.005%
23	5.446	632	633	637	rVB2	462	480	0.01%	0.003%
24	5.928	708	712	713	rBV3	1538	2041	0.02%	0.014%
25	6.293	767	772	776	rBV3	319	587	0.01%	0.004%
26	6.927	873	876	878	rBV	323	421	0.01%	0.003%
27	7.080	892	901	923	rBV2	43722	150745	1.80%	1.043%
28	7.250	927	929	934	rVB3	396	493	0.01%	0.003%
29	7.519	970	973	974	rBV	513	422	0.01%	0.003%
30	7.537	974	976	979	rVV3	629	858	0.01%	0.006%
31	7.653	982	995	1007	rBV	149656	370501	4.42%	2.563%
32	8.165	1073	1079	1083	rBV5	653	1424	0.02%	0.010%
33	8.281	1088	1098	1114	rBV2	262910	824407	9.84%	5.702%
34	8.494	1131	1133	1137	rVB4	494	559	0.01%	0.004%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1M3

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\SOM2WLM071818S.M
Title : VOC Analysis

35	8.579	1143	1147	1151	rVB2	340	573	0.01%	0.004%
36	8.695	1162	1166	1171	rBV5	1210	2208	0.03%	0.015%
37	8.848	1182	1191	1203	rBV	287127	559696	6.68%	3.871%
38	9.031	1218	1221	1222	rBV	1151	955	0.01%	0.007%
39	9.073	1226	1228	1229	rBV2	421	444	0.01%	0.003%
40	9.146	1238	1240	1245	rVB3	521	689	0.01%	0.005%
41	9.281	1252	1262	1276	rVV	206357	424323	5.06%	2.935%
42	9.378	1276	1278	1280	rVV3	1937	2284	0.03%	0.016%
43	9.476	1288	1294	1300	rVB5	1512	3522	0.04%	0.024%
44	9.579	1308	1311	1313	rVB3	312	416	0.00%	0.003%
45	9.659	1320	1324	1328	rBV3	1194	1889	0.02%	0.013%
46	9.762	1333	1341	1349	rBV2	17051	33281	0.40%	0.230%
47	9.896	1354	1363	1371	rBV	35547	74284	0.89%	0.514%
48	10.037	1378	1386	1393	rBV	93227	169818	2.03%	1.175%
49	10.256	1415	1422	1427	rVV2	11683	21105	0.25%	0.146%
50	10.329	1427	1434	1441	rVV	326479	566913	6.77%	3.921%
51	10.390	1441	1444	1448	rVV2	5198	9200	0.11%	0.064%
52	10.427	1448	1450	1458	rVB6	3838	6536	0.08%	0.045%
53	10.512	1458	1464	1469	rBV2	5746	9809	0.12%	0.068%
54	10.579	1469	1475	1482	rBV	66035	116510	1.39%	0.806%
55	10.707	1488	1496	1500	rBV6	3935	9484	0.11%	0.066%
56	10.774	1503	1507	1511	rVV5	3122	5443	0.06%	0.038%
57	10.841	1515	1518	1519	rBV3	836	861	0.01%	0.006%
58	10.933	1526	1533	1547	rVB	167928	295086	3.52%	2.041%
59	11.341	1599	1600	1605	rVV4	375	496	0.01%	0.003%
60	11.512	1624	1628	1629	rVB3	335	374	0.00%	0.003%
61	11.634	1639	1648	1656	rVV	378114	639389	7.63%	4.423%
62	11.713	1657	1661	1671	rVV3	6952	13350	0.16%	0.092%
63	11.829	1677	1680	1682	rBV2	450	545	0.01%	0.004%
64	11.884	1686	1689	1693	rVV4	1403	1890	0.02%	0.013%
65	12.195	1733	1740	1741	rBV3	748	1118	0.01%	0.008%
66	12.250	1747	1749	1751	rBV	486	392	0.00%	0.003%
67	12.481	1782	1787	1788	rBV2	1036	1408	0.02%	0.010%
68	12.499	1788	1790	1791	rBV2	983	960	0.01%	0.007%
69	12.615	1804	1809	1815	rBV	9323	15204	0.18%	0.105%
70	12.701	1816	1823	1831	rVB	213832	352009	4.20%	2.435%
71	12.938	1853	1862	1867	rBV5	1502	2439	0.03%	0.017%

LSC Area Percent Report

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ClientSampleId : DB1M3

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
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Title : VOC Analysis

72	13.207	1901	1906	1907	rBV2	523	593	0.01%	0.004%
73	13.243	1910	1912	1914	rVV2	479	419	0.01%	0.003%
74	13.383	1931	1935	1936	rBV2	396	471	0.01%	0.003%
75	13.414	1936	1940	1945	rVV4	972	1567	0.02%	0.011%
76	13.566	1957	1965	1974	rVV	272541	428592	5.12%	2.965%
77	13.658	1975	1980	1992	rVB3	5751	10156	0.12%	0.070%
78	13.859	2001	2013	2020	rVB	247791	417583	4.98%	2.888%
79	13.969	2027	2031	2033	rBV3	639	795	0.01%	0.005%
80	14.085	2045	2050	2057	rVB2	2999	5050	0.06%	0.035%
81	14.335	2086	2091	2097	rVB7	1118	1861	0.02%	0.013%
82	14.444	2107	2109	2111	rBV3	592	439	0.01%	0.003%
83	14.536	2116	2124	2129	rBV4	5028	10991	0.13%	0.076%
84	14.737	2153	2157	2162	rVB3	3268	4833	0.06%	0.033%
85	14.798	2166	2167	2171	rBV2	390	406	0.00%	0.003%
86	14.841	2171	2174	2175	rBV2	335	379	0.00%	0.003%
87	14.926	2185	2188	2189	rBV2	377	435	0.01%	0.003%
88	15.127	2219	2221	2224	rBV	261	379	0.00%	0.003%
89	15.219	2232	2236	2240	rVV4	522	984	0.01%	0.007%
90	15.261	2242	2243	2247	rVV2	805	916	0.01%	0.006%
91	15.322	2251	2253	2255	rVB2	446	424	0.01%	0.003%
92	15.456	2273	2275	2280	rVB3	502	529	0.01%	0.004%
93	15.505	2280	2283	2287	rBV4	717	1162	0.01%	0.008%
94	15.566	2290	2293	2297	rVB4	1145	1536	0.02%	0.011%
95	15.603	2297	2299	2302	rBV2	298	367	0.00%	0.003%
96	15.676	2309	2311	2315	rBV3	357	469	0.01%	0.003%
97	15.785	2326	2329	2331	rBV3	421	436	0.01%	0.003%
98	15.871	2341	2343	2347	rVB2	845	844	0.01%	0.006%
99	16.096	2379	2380	2385	rVB2	493	501	0.01%	0.003%
100	16.749	2485	2487	2490	rBV4	451	395	0.00%	0.003%

Sum of corrected areas: 14457414

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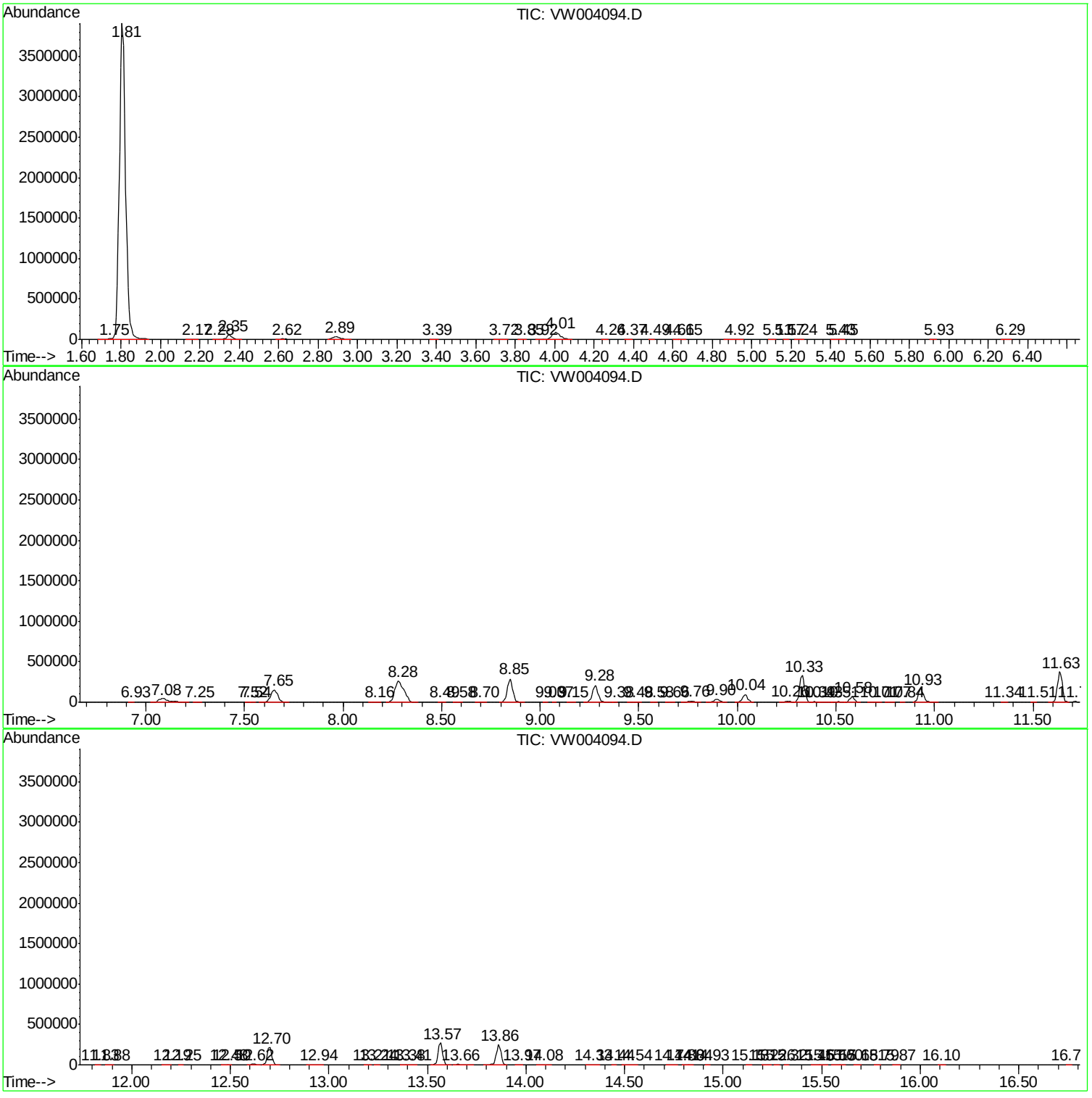
Instrument :
MSVOA_W
ClientSampleId :
DB1M3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.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\VW072018\
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Quant Title : VOC Analysis

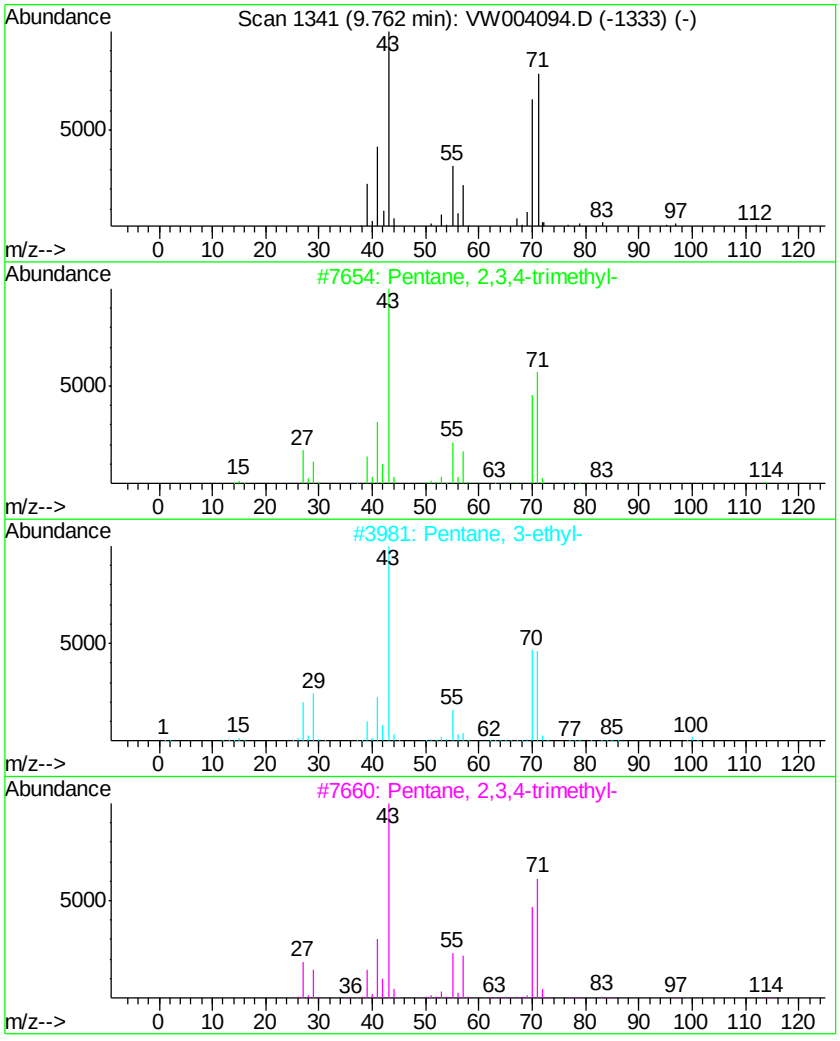
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

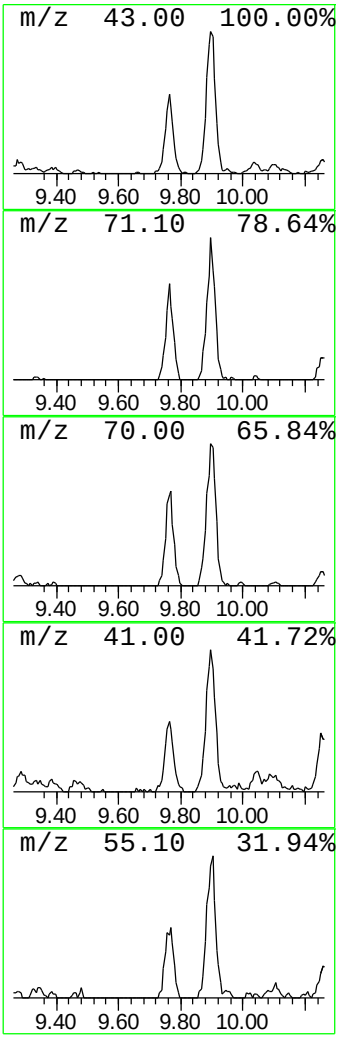
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	1.49 ug/L	33281	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78





Library Search Compound Report

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Instrument : MSVOA_W
ClientSampleId : DB1M3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Quant Title : VOC Analysis

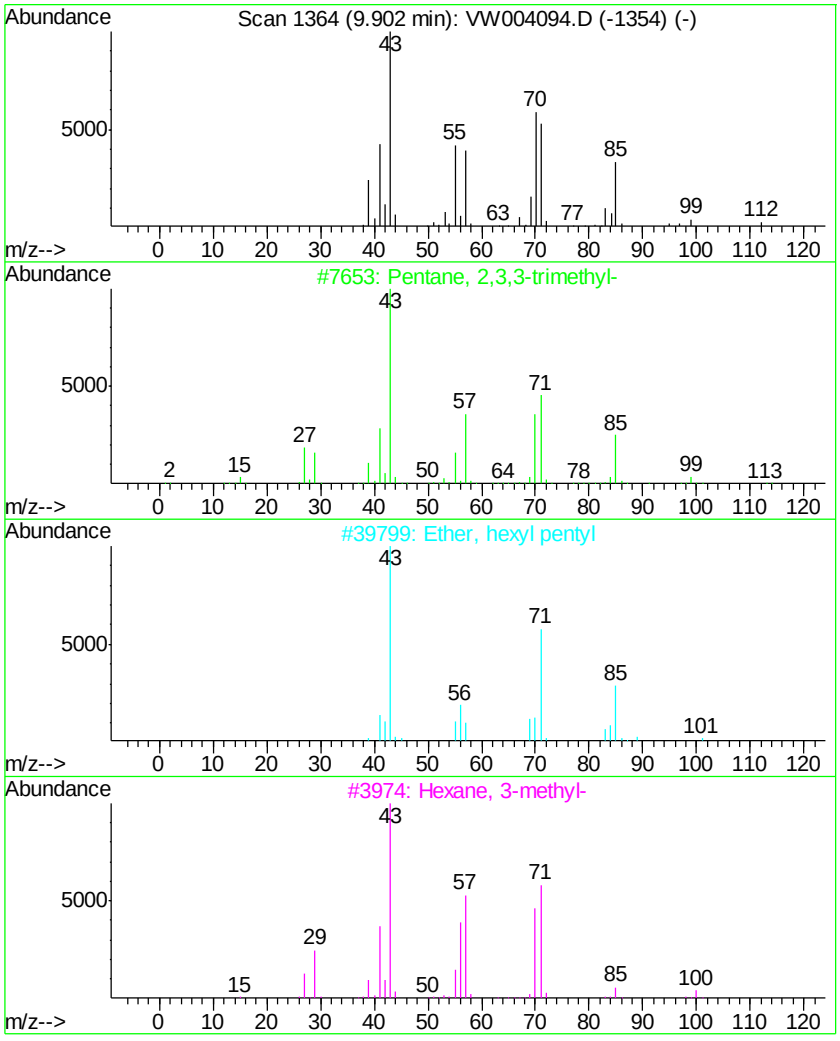
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

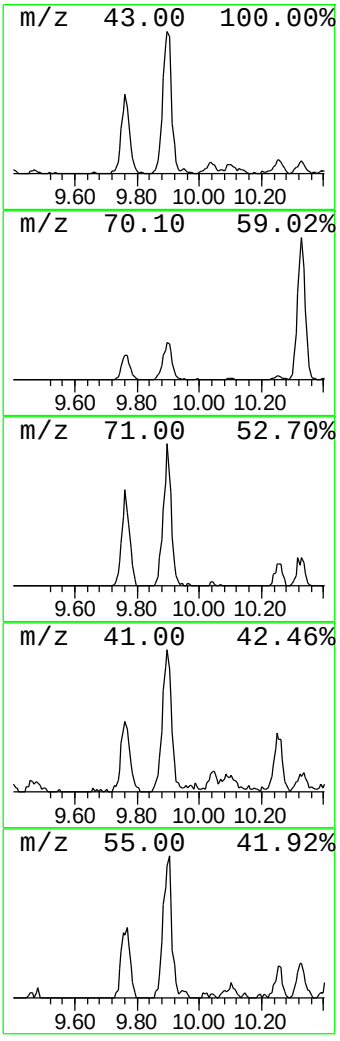
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	3.32 ug/L	74284	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
2	Ether, hexyl pentyl	172	C11H24O	032357-83-8	64
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	64
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59
5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59





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...	9.76	1.5	ug/L	33281	1	8.85	559696	25.0
(DEL) Alkane: Str...	9.90	3.3	ug/L	74284	1	8.85	559696	25.0