LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
Data File : VU038796.D
Acq On : 10 Jun 2020 23:20
Operator : SY/MD
Sample : L2915-05 100X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9E09

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\SOMULM060820WMA.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	1.372	5	10	17	rVB	7322	6933	0.04%	0.018%
2	1.501	44	50	58	rBV	24398	27380	0.15%	0.070%
3	1.613	74	85	96	rBV2	376441	455537	2.43%	1.162%
4	1.675	98	104	112	rVB	36489	40040	0.21%	0.102%
5	1.749	120	127	134	rVB	36056	39519	0.21%	0.101%
6	1.929	175	183	199	rVB	217302	283927	1.51%	0.725%
7	2.012	201	209	223	rVB	49930	69118	0.37%	0.176%
8	2.173	251	259	267	rBV	34456	46695	0.25%	0.119%
9	2.224	267	275	292	rVB3	50548	81465	0.43%	0.208%
10	2.340	303	311	321	rVB	32484	46486	0.25%	0.119%
11	2.440	334	342	350	rVB2	19029	27236	0.14%	0.070%
12	2.491	350	358	374	rVB	29071	46294	0.25%	0.118%
13	2.591	377	389	417	rVB	470921	792404	4.22%	2.022%
14	2.986	505	512	513	rBV3	1920	1846	0.01%	0.005%
15	3.044	520	530	546	rVB2	26634	53511	0.28%	0.137%
16	3.170	557	569	578	rBV3	30062	62799	0.33%	0.160%
17	3.350	620	625	629	rBV4	950	1058	0.01%	0.003%
18	3.392	632	638	648	rVB6	2780	4822	0.03%	0.012%
19	3.620	698	709	723	rVB9	3533	7763	0.04%	0.020%
20	3.716	735	739	742	rBV3	1085	1086	0.01%	0.003%
21	3.855	778	782	784	rBV3	748	682	0.00%	0.002%
22	3.871	784	787	797	rVB5	1070	1494	0.01%	0.004%
23	3.951	808	812	813	rBV2	1196	926	0.00%	0.002%
24	4.019	824	833	843	rVB5	1904	3519	0.02%	0.009%
25	4.221	882	896	906	rVV7	3635	9032	0.05%	0.023%
26	4.375	938	944	948	rVB4	1073	1066	0.01%	0.003%
27	4.568	990	1004	1019	rBV3	21785	50616	0.27%	0.129%
28	4.665	1019	1034	1074	rBV	247099	656212	3.49%	1.675%
29	5.102	1151	1170	1194	rBV	394024	862661	4.59%	2.201%
30	5.202	1197	1201	1202	rBV3	936	628	0.00%	0.002%
31	5.314	1233	1236	1237	rBV3	1319	663	0.00%	0.002%
32	5.424	1253	1270	1286	rVV3	37054	81826	0.44%	0.209%
33	5.610	1322	1328	1333	rBV3	371	523	0.00%	0.001%
34	5.761	1349	1375	1378	rBV2	822917	1916127	10.20%	4.890%

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Instrument : MSVOA_U
ClientSampleId : F9E09

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\SOMULM060820WMA.M
Title : VOC Analysis

35	5.809	1379	1390	1420	rVB	9292473	18784043	100.00%	47.933%
36	6.279	1522	1536	1579	rVB	664267	1307555	6.96%	3.337%
37	6.562	1612	1624	1633	rBV4	12987	29769	0.16%	0.076%
38	6.719	1658	1673	1690	rBV	496070	957708	5.10%	2.444%
39	6.864	1716	1718	1723	rVB3	688	512	0.00%	0.001%
40	7.208	1810	1825	1833	rVV8	3497	6231	0.03%	0.016%
41	7.588	1930	1943	1960	rBV	269851	473497	2.52%	1.208%
42	7.710	1971	1981	1993	rVV8	2908	6234	0.03%	0.016%
43	7.774	1995	2001	2009	rVV7	1852	2914	0.02%	0.007%
44	7.816	2010	2014	2019	rVB4	1154	1159	0.01%	0.003%
45	7.922	2032	2047	2059	rBV	939836	1657556	8.82%	4.230%
46	7.989	2060	2068	2094	rVB	319361	579753	3.09%	1.479%
47	8.124	2102	2110	2121	rVB2	13908	21950	0.12%	0.056%
48	8.198	2121	2133	2148	rBV	194606	330253	1.76%	0.843%
49	8.292	2153	2162	2172	rVB	9997	15995	0.09%	0.041%
50	8.655	2261	2275	2307	rBV	753322	1370029	7.29%	3.496%
51	8.813	2317	2324	2334	rVB5	5417	8950	0.05%	0.023%
52	8.938	2356	2363	2368	rVB5	1676	2390	0.01%	0.006%
53	9.433	2504	2517	2530	rBV	923248	1594471	8.49%	4.069%
54	9.587	2551	2565	2587	rBV	698557	1156315	6.16%	2.951%
55	9.710	2592	2603	2625	rVB	154682	272197	1.45%	0.695%
56	9.841	2636	2644	2650	rBV6	10351	17526	0.09%	0.045%
57	9.935	2667	2673	2674	rBV3	657	589	0.00%	0.002%
58	9.960	2674	2681	2690	rVB4	7155	10904	0.06%	0.028%
59	10.028	2691	2702	2707	rBV6	6856	12497	0.07%	0.032%
60	10.115	2719	2729	2743	rVB	166239	271150	1.44%	0.692%
61	10.292	2777	2784	2794	rVB5	2645	3624	0.02%	0.009%
62	10.349	2794	2802	2804	rBV3	1664	2157	0.01%	0.006%
63	10.436	2819	2829	2838	rBV6	3615	5642	0.03%	0.014%
64	10.494	2839	2847	2860	rVB3	10054	16038	0.09%	0.041%
65	10.616	2882	2885	2892	rVB4	697	676	0.00%	0.002%
66	10.665	2892	2900	2907	rBV6	4152	5824	0.03%	0.015%
67	10.771	2920	2933	2952	rVB	687442	1110475	5.91%	2.834%
68	10.857	2956	2960	2961	rBV	946	490	0.00%	0.001%
69	10.919	2969	2979	2989	rBV2	8793	14205	0.08%	0.036%
70	11.009	2989	3007	3025	rVB4	12941	42155	0.22%	0.108%
71	11.076	3025	3028	3030	rBV3	888	624	0.00%	0.002%

LSC Area Percent Report

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ClientSampleId : F9E09

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_U\METHOD\SOMULM060820WMA.M
Title : VOC Analysis

72	11.099	3030	3035	3047	rVB6	3148	4063	0.02%	0.010%
73	11.214	3069	3071	3077	rVB3	701	511	0.00%	0.001%
74	11.301	3085	3098	3109	rBV2	15915	28022	0.15%	0.072%
75	11.407	3123	3131	3132	rBV4	3032	2770	0.01%	0.007%
76	11.478	3142	3153	3163	rBV2	20451	31058	0.17%	0.079%
77	11.533	3168	3170	3177	rVB5	786	720	0.00%	0.002%
78	11.600	3183	3191	3197	rBV3	672	1062	0.01%	0.003%
79	11.822	3246	3260	3277	rBV	994663	1566393	8.34%	3.997%
80	11.906	3277	3286	3298	rVB	19570	29855	0.16%	0.076%
81	11.957	3298	3302	3305	rBV3	576	534	0.00%	0.001%
82	12.105	3339	3348	3355	rVV3	12761	18553	0.10%	0.047%
83	12.205	3364	3379	3397	rBV	1014434	1627792	8.67%	4.154%
84	12.317	3408	3414	3421	rBV6	3260	4698	0.03%	0.012%
85	12.504	3469	3472	3479	rVB2	711	716	0.00%	0.002%
86	12.693	3524	3531	3537	rVV4	1593	2027	0.01%	0.005%
87	12.783	3554	3559	3561	rBV3	788	690	0.00%	0.002%
88	12.854	3577	3581	3583	rBV2	583	496	0.00%	0.001%
89	12.999	3621	3626	3629	rBV2	550	557	0.00%	0.001%
90	13.320	3721	3726	3729	rBV3	590	552	0.00%	0.001%
91	13.475	3765	3774	3779	rBV4	2762	4285	0.02%	0.011%
92	13.539	3789	3794	3797	rBV4	915	860	0.00%	0.002%
93	13.648	3818	3828	3835	rBV6	2378	3839	0.02%	0.010%
94	13.812	3874	3879	3882	rBV2	724	658	0.00%	0.002%
95	13.870	3895	3897	3902	rVB3	1072	750	0.00%	0.002%
96	14.111	3961	3972	3988	rVB	41820	68486	0.36%	0.175%
97	14.182	3988	3994	3998	rBV5	800	1016	0.01%	0.003%
98	14.234	3998	4010	4021	rBV	5656	9319	0.05%	0.024%
99	14.922	4220	4224	4229	rVB3	1048	874	0.00%	0.002%
100	15.195	4305	4309	4311	rBV3	870	693	0.00%	0.002%

Sum of corrected areas: 39187800

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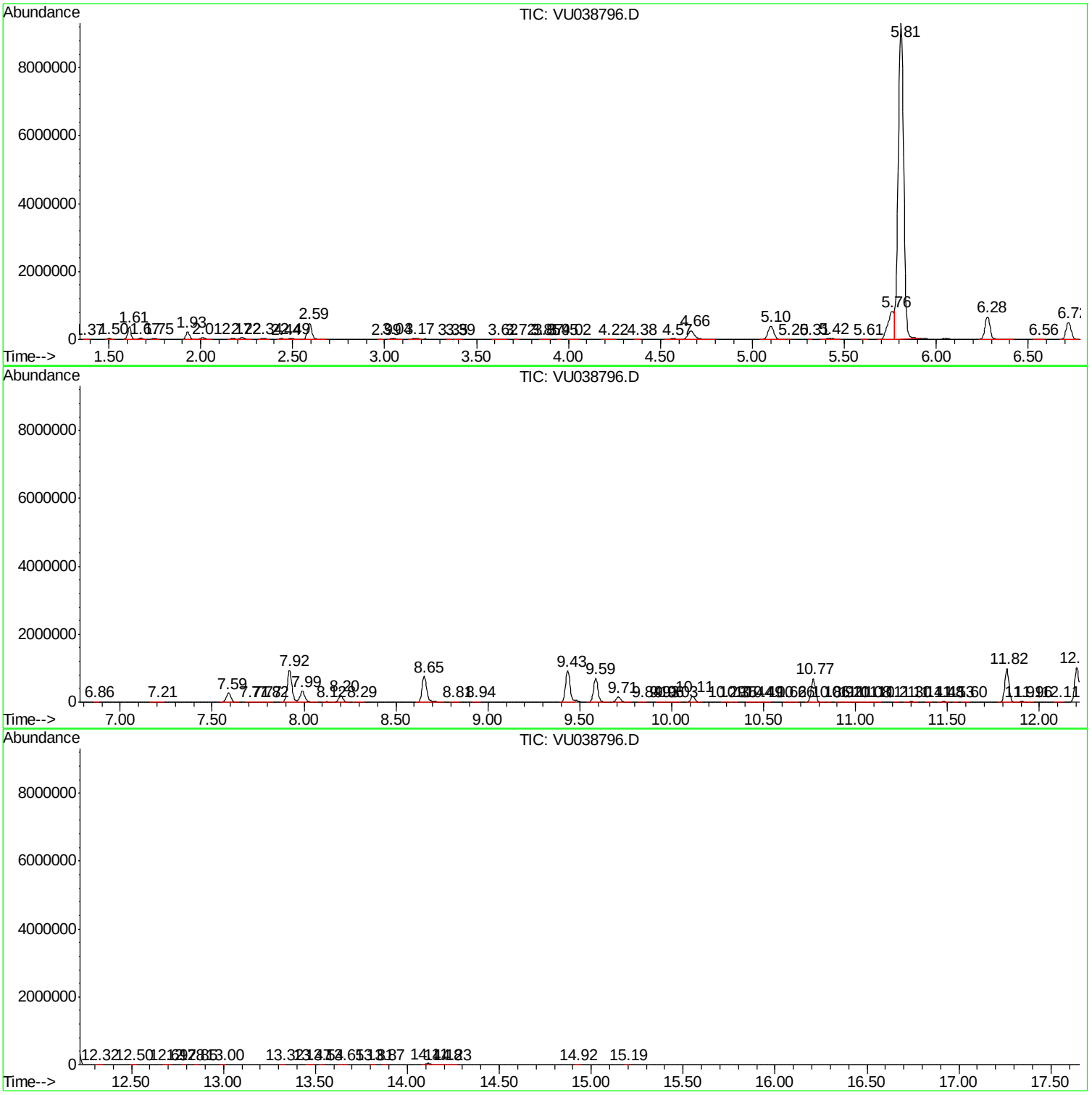
Instrument : MSVOA_U
ClientSampleId : F9E09

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.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_U\DATA\VU061120\
Data File : VU038796.D
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Instrument : MSVOA_U
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis

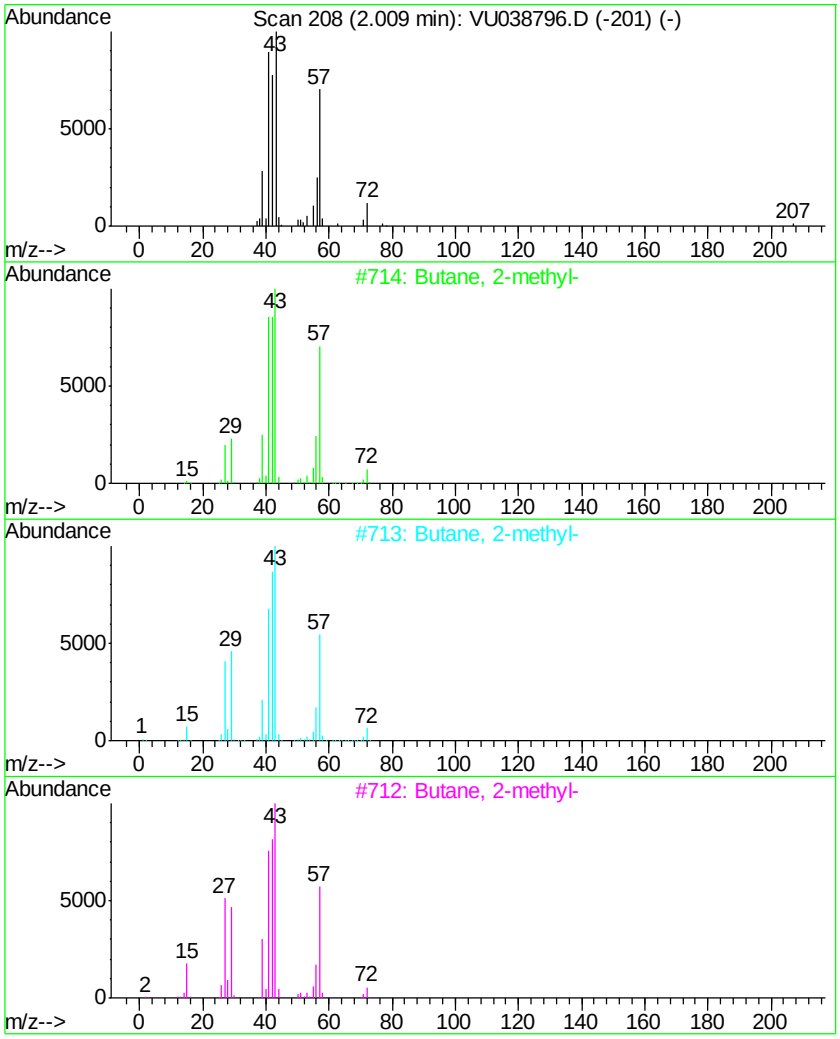
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

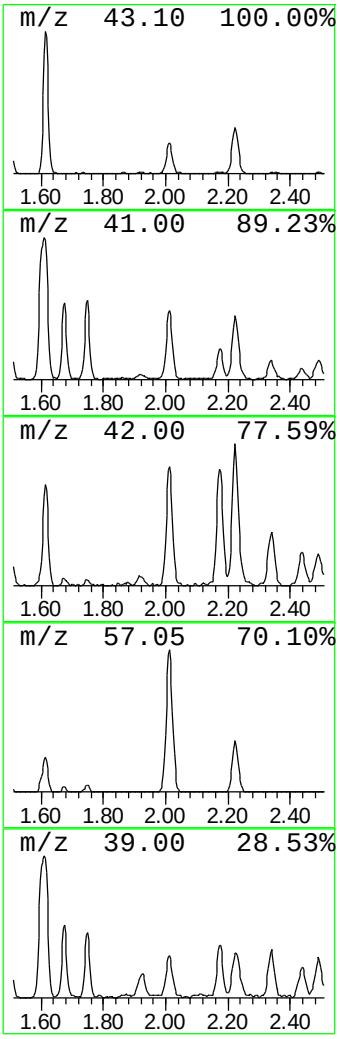
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	2.64 ug/L	69118	1,4-Difluorobenzene	6.28

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	86
3	Butane, 2-methyl-	72	C5H12	000078-78-4	83
4	Pentane	72	C5H12	000109-66-0	45
5	Oxirane, trimethyl-	86	C5H10O	005076-19-7	42





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis

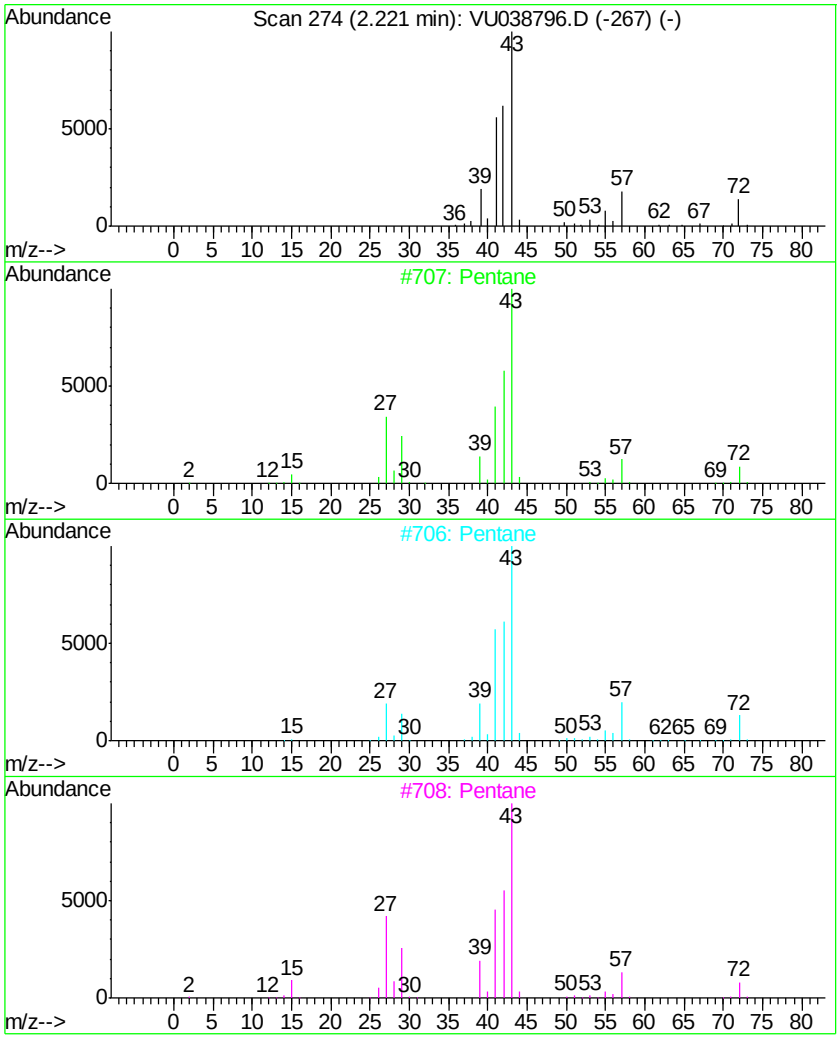
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

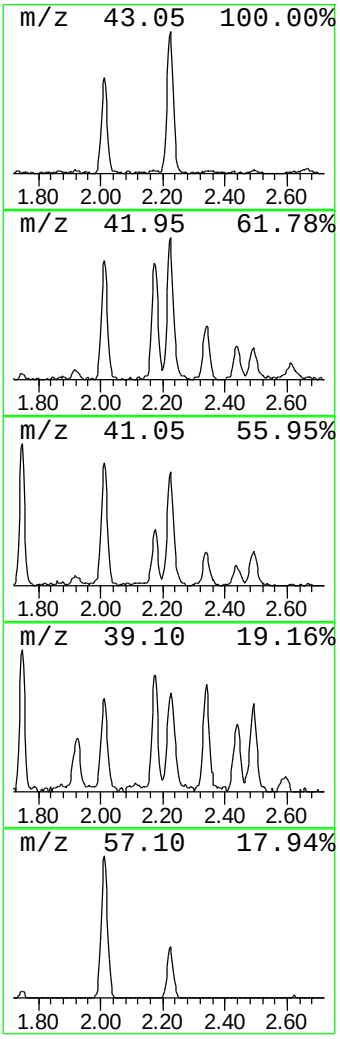
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	3.12 ug/L	81465	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	72
4	Oxirane, ethyl-	72	C4H8O	000106-88-7	53
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	50





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...	2.01	2.6	ug/L	69118	1	6.28	1307560	50.0
(DEL) Alkane: Str...	2.22	3.1	ug/L	81465	1	6.28	1307560	50.0