LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
Data File : VU038807.D
Acq On : 11 Jun 2020 04:07
Operator : SY/MD
Sample : L2915-14 100X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9E22

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	1.501	44	50	57	rBV2	16291	17592	0.23%	0.061%
2	1.613	76	85	97	rBV2	356789	399514	5.25%	1.395%
3	1.675	98	104	117	rVB2	18937	23252	0.31%	0.081%
4	1.745	122	126	138	rVB3	13840	16235	0.21%	0.057%
5	1.929	174	183	196	rVV	211074	275592	3.62%	0.962%
6	2.012	200	209	219	rVB	56196	77986	1.03%	0.272%
7	2.173	252	259	266	rBV3	13867	18571	0.24%	0.065%
8	2.224	267	275	289	rVB2	44961	72934	0.96%	0.255%
9	2.340	302	311	320	rBV	28451	41940	0.55%	0.146%
10	2.437	335	341	348	rVB2	13128	17218	0.23%	0.060%
11	2.491	349	358	370	rVB	42120	64466	0.85%	0.225%
12	2.591	377	389	413	rBV	470427	796915	10.48%	2.782%
13	2.819	456	460	468	rVB3	1182	1414	0.02%	0.005%
14	2.858	468	472	473	rBV2	757	483	0.01%	0.002%
15	2.990	504	513	516	rBV4	2285	3297	0.04%	0.012%
16	3.047	521	531	547	rVB3	27161	54679	0.72%	0.191%
17	3.170	556	569	579	rBV	51671	106333	1.40%	0.371%
18	3.385	631	636	637	rBV3	1104	984	0.01%	0.003%
19	3.607	700	705	708	rBV3	899	869	0.01%	0.003%
20	3.736	742	745	752	rVB3	677	654	0.01%	0.002%
21	3.954	804	813	822	rBV5	1488	2787	0.04%	0.010%
22	4.012	822	831	833	rBV3	1917	2365	0.03%	0.008%
23	4.125	864	866	873	rVB5	702	607	0.01%	0.002%
24	4.208	878	892	908	rVB5	5253	11877	0.16%	0.041%
25	4.285	908	916	930	rVB8	2173	4976	0.07%	0.017%
26	4.363	936	940	941	rBV2	663	427	0.01%	0.001%
27	4.575	986	1006	1019	rBV3	17457	39804	0.52%	0.139%
28	4.668	1019	1035	1066	rBV	254924	664606	8.74%	2.320%
29	5.099	1152	1169	1194	rBV	393115	860500	11.31%	3.004%
30	5.215	1194	1205	1217	rVB5	3114	6273	0.08%	0.022%
31	5.327	1229	1240	1249	rVB5	1596	3286	0.04%	0.011%
32	5.427	1255	1271	1286	rVV4	26746	61322	0.81%	0.214%
33	5.501	1291	1294	1298	rBV3	505	438	0.01%	0.002%
34	5.761	1348	1375	1379	rBV2	816575	2007870	26.40%	7.010%

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Instrument : MSVOA_U
ClientSampleId : F9E22

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	1381	1390	1418	rVB	3804249	7606620	100.00%	26.558%
36	6.279	1522	1536	1564	rBV	695787	1313297	17.27%	4.585%
37	6.559	1611	1623	1632	rBV6	12601	27535	0.36%	0.096%
38	6.719	1658	1673	1690	rBV	493886	959867	12.62%	3.351%
39	6.870	1717	1720	1727	rVB4	1085	1024	0.01%	0.004%
40	7.205	1811	1824	1835	rBV6	3864	7563	0.10%	0.026%
41	7.411	1884	1888	1891	rBV3	624	541	0.01%	0.002%
42	7.591	1927	1944	1962	rBV	264819	469465	6.17%	1.639%
43	7.710	1973	1981	1982	rBV5	2702	2748	0.04%	0.010%
44	7.777	1996	2002	2011	rBV7	1826	2454	0.03%	0.009%
45	7.922	2032	2047	2058	rBV	950424	1692423	22.25%	5.909%
46	7.993	2059	2069	2100	rVV	836164	1524926	20.05%	5.324%
47	8.121	2100	2109	2119	rVV	26427	47485	0.62%	0.166%
48	8.198	2122	2133	2150	rVV	194787	330520	4.35%	1.154%
49	8.292	2152	2162	2174	rVV3	11841	20922	0.28%	0.073%
50	8.655	2261	2275	2316	rBV	761538	1365744	17.95%	4.768%
51	8.854	2332	2337	2340	rBV4	1156	1157	0.02%	0.004%
52	8.954	2365	2368	2371	rBV2	481	484	0.01%	0.002%
53	9.179	2434	2438	2443	rVB3	714	779	0.01%	0.003%
54	9.304	2470	2477	2485	rVB2	418	663	0.01%	0.002%
55	9.433	2500	2517	2552	rBV	962848	1686312	22.17%	5.888%
56	9.587	2552	2565	2585	rVV	533329	875767	11.51%	3.058%
57	9.710	2588	2603	2618	rVB2	93679	178280	2.34%	0.622%
58	9.845	2636	2645	2648	rBV6	4485	6269	0.08%	0.022%
59	9.964	2674	2682	2691	rVB5	5338	9134	0.12%	0.032%
60	10.021	2691	2700	2708	rBV6	5209	9546	0.13%	0.033%
61	10.067	2709	2714	2719	rVV6	4993	7235	0.10%	0.025%
62	10.115	2719	2729	2743	rVB2	105460	171895	2.26%	0.600%
63	10.214	2757	2760	2764	rVB2	548	397	0.01%	0.001%
64	10.295	2776	2785	2786	rBV5	3034	3103	0.04%	0.011%
65	10.346	2794	2801	2805	rBV5	1236	1903	0.03%	0.007%
66	10.378	2805	2811	2821	rVV7	3230	4965	0.07%	0.017%
67	10.443	2821	2831	2838	rVV6	3690	5784	0.08%	0.020%
68	10.497	2838	2848	2860	rVB3	8075	12663	0.17%	0.044%
69	10.665	2892	2900	2908	rVB3	4369	5937	0.08%	0.021%
70	10.771	2920	2933	2952	rBV	682697	1096041	14.41%	3.827%
71	10.915	2969	2978	2987	rBV2	7085	11390	0.15%	0.040%

LSC Area Percent Report

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Instrument : MSVOA_U
ClientSampleId : F9E22

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	10.983	2992	2999	3002	rBV2	8049	9653	0.13%	0.034%
73	11.092	3028	3033	3035	rBV5	1259	1077	0.01%	0.004%
74	11.301	3089	3098	3108	rBV2	13161	20822	0.27%	0.073%
75	11.417	3123	3134	3138	rBV7	3514	4388	0.06%	0.015%
76	11.478	3143	3153	3164	rVB2	18368	26935	0.35%	0.094%
77	11.755	3236	3239	3242	rVB3	698	417	0.01%	0.001%
78	11.822	3247	3260	3277	rVV	1040439	1642191	21.59%	5.734%
79	11.906	3277	3286	3299	rVB	17326	26046	0.34%	0.091%
80	11.960	3299	3303	3307	rBV3	932	930	0.01%	0.003%
81	12.105	3338	3348	3357	rBV3	9722	15013	0.20%	0.052%
82	12.205	3365	3379	3397	rBV	1024990	1655052	21.76%	5.779%
83	12.327	3407	3417	3427	rVB5	4673	7336	0.10%	0.026%
84	12.372	3427	3431	3433	rBV2	618	486	0.01%	0.002%
85	12.468	3457	3461	3467	rVB2	577	547	0.01%	0.002%
86	12.510	3468	3474	3477	rBV3	683	701	0.01%	0.002%
87	12.549	3482	3486	3489	rBV3	549	448	0.01%	0.002%
88	12.690	3523	3530	3535	rBV5	1394	2099	0.03%	0.007%
89	12.790	3559	3561	3569	rVB4	869	914	0.01%	0.003%
90	13.475	3767	3774	3782	rVB5	3098	4593	0.06%	0.016%
91	13.539	3788	3794	3806	rBV3	1224	2095	0.03%	0.007%
92	13.642	3822	3826	3834	rBV6	1664	2714	0.04%	0.009%
93	13.861	3890	3894	3899	rBV5	1021	1022	0.01%	0.004%
94	14.111	3962	3972	3986	rVV	46945	76345	1.00%	0.267%
95	14.237	4000	4011	4020	rBV	6919	10623	0.14%	0.037%
96	14.719	4158	4161	4169	rBV3	741	759	0.01%	0.003%
97	14.758	4169	4173	4175	rBV	752	574	0.01%	0.002%
98	15.198	4308	4310	4314	rBV2	821	686	0.01%	0.002%
99	15.452	4382	4389	4392	rBV4	4435	5474	0.07%	0.019%
100	15.671	4455	4457	4462	rBV3	1023	645	0.01%	0.002%

Sum of corrected areas: 28641489

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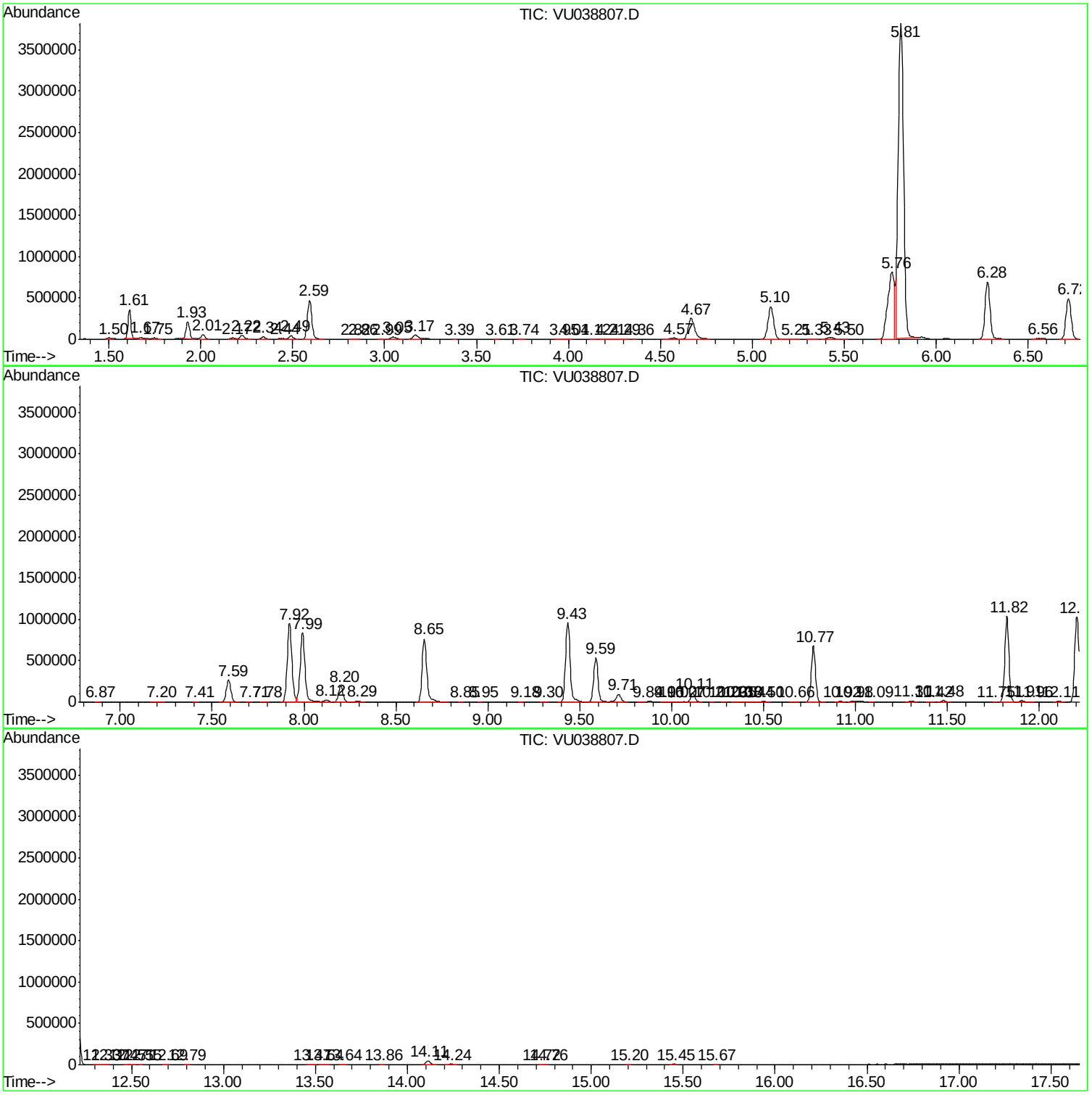
Instrument : MSVOA_U
ClientSampleId : F9E22

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



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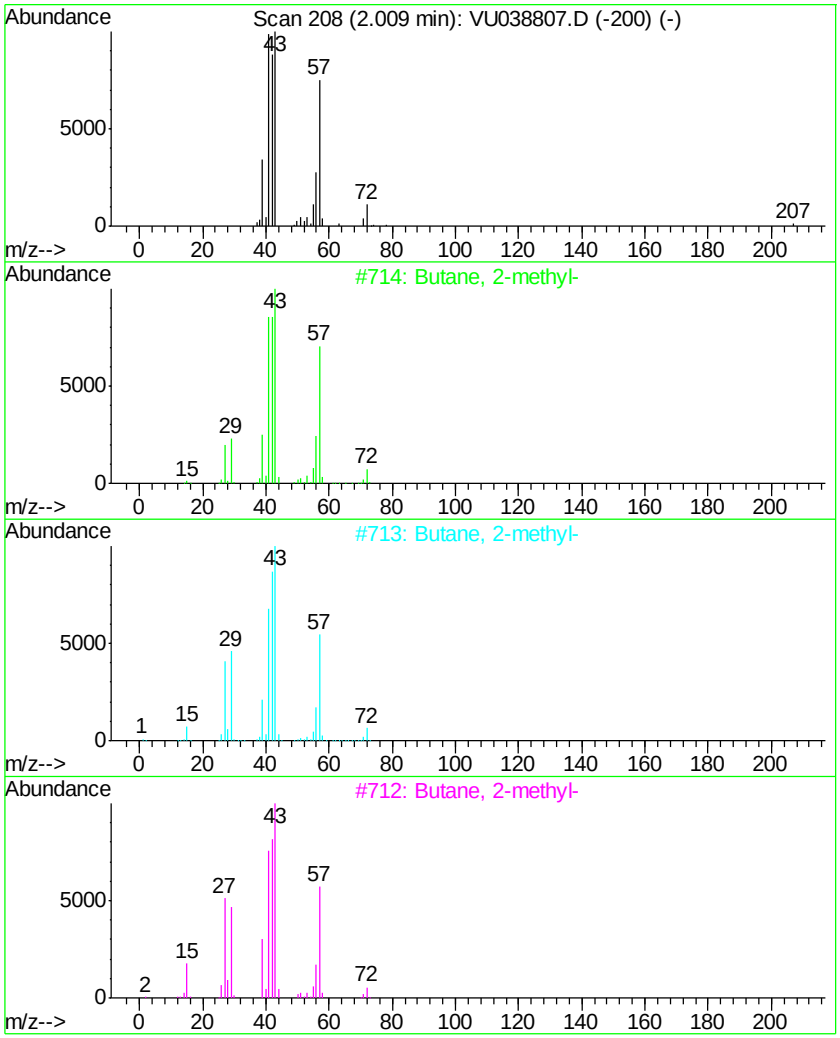
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

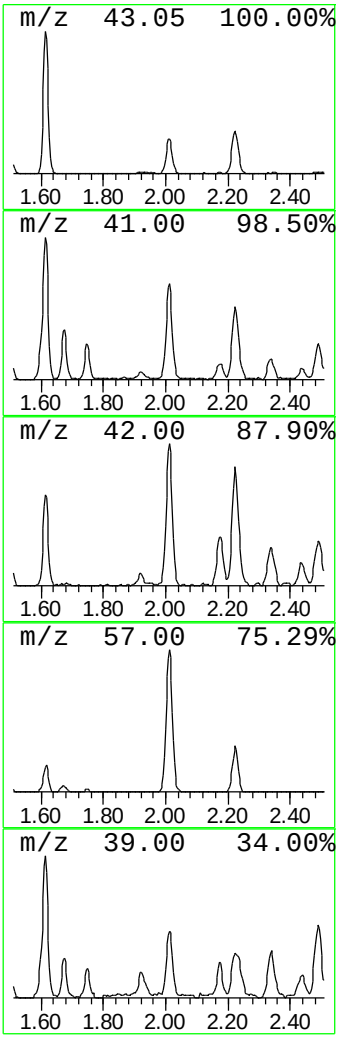
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	2.97 ug/L	77986	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	3-Buten-1-ol	72	C4H8O	000627-27-0	43
5	Oxirane, trimethyl-	86	C5H10O	005076-19-7	36





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ClientSampleId : F9E22

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

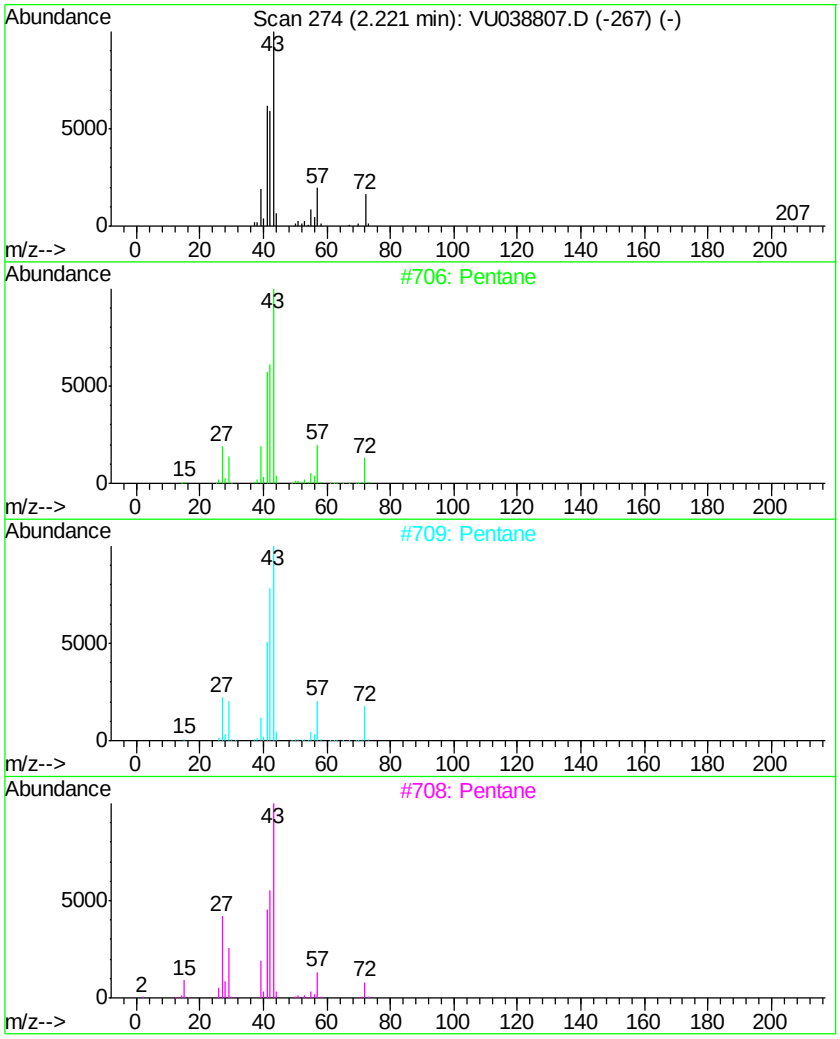
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

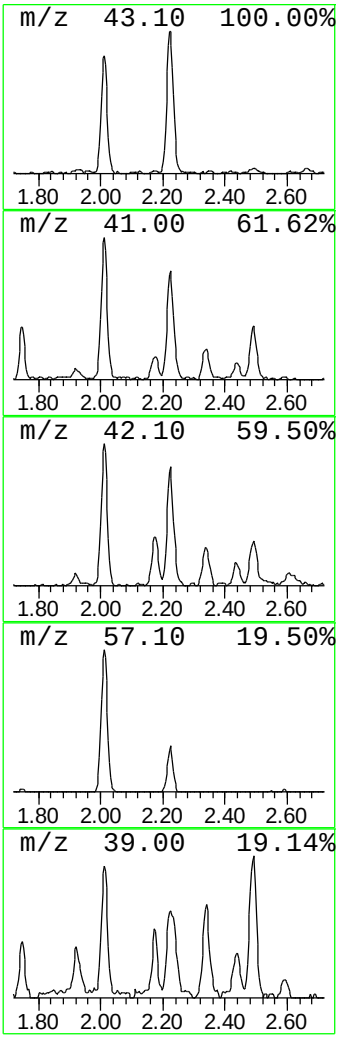
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	2.78 ug/L	72934	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	83
3	Pentane	72	C5H12	000109-66-0	78
4	Pentane	72	C5H12	000109-66-0	78
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	53





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Instrument : MSVOA_U
ClientSampleId : F9E22

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

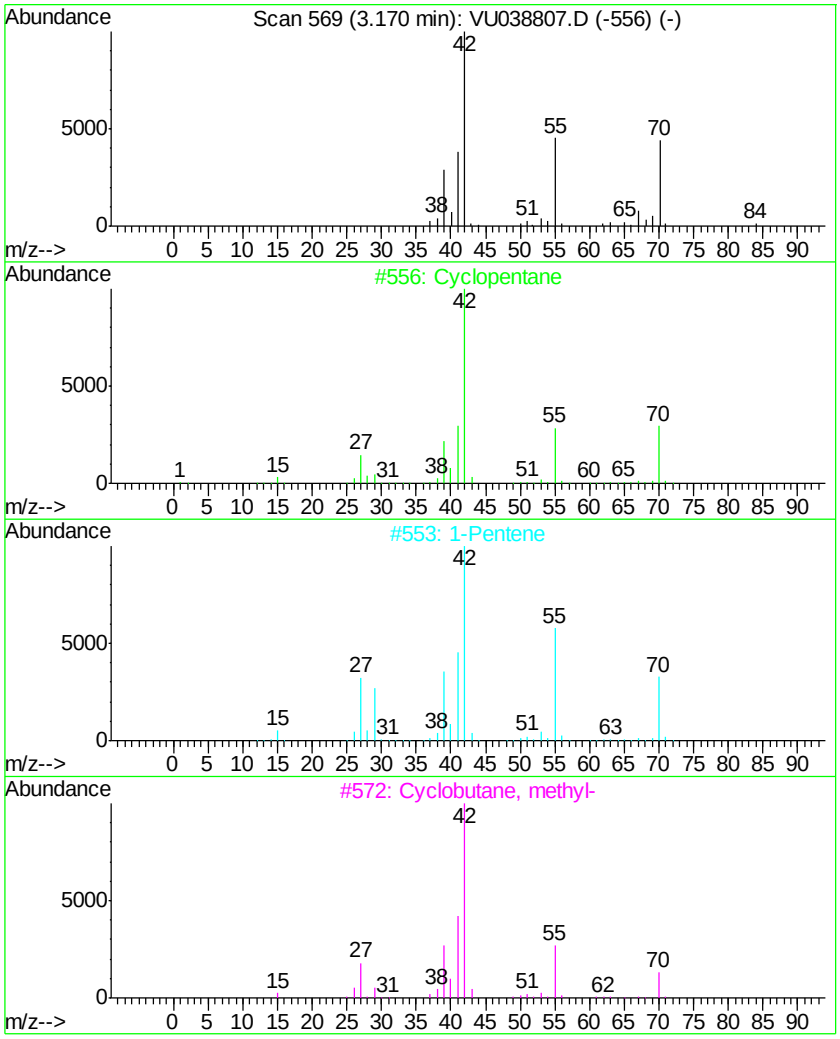
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

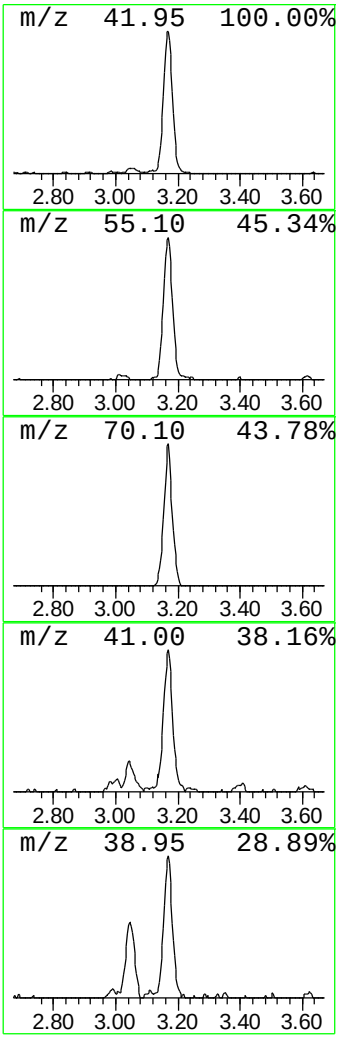
****

Peak Number 3 (DEL) Alkane: Cyclic3.17 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	4.05 ug/L	106333	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	78
2	1-Pentene	70	C5H10	000109-67-1	56
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	53
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	50
5	1-Pentene	70	C5H10	000109-67-1	45





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	2.01	3.0	ug/L	77986	1	6.28	1313300	50.0
(DEL) Alkane: Str...	2.22	2.8	ug/L	72934	1	6.28	1313300	50.0
(DEL) Alkane: Cyc...	3.17	4.0	ug/L	106333	1	6.28	1313300	50.0