LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010721\
Data File : VV019928.D
Acq On : 07 Jan 2021 17:48
Operator : SY/MD
Sample : M1017-08
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4X0

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\SOMVLM122820WMA.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	1.110	3	6	20	rVB	433004	360004	8.95%	1.816%
2	1.306	59	67	80	rVB3	330814	436500	10.86%	2.202%
3	1.569	143	149	162	rVB	199256	223020	5.55%	1.125%
4	2.110	308	317	345	rVB	366273	586838	14.60%	2.960%
5	2.454	413	424	429	rBV8	3866	8169	0.20%	0.041%
6	2.724	505	508	509	rBV2	876	563	0.01%	0.003%
7	2.839	540	544	545	rBV2	1155	915	0.02%	0.005%
8	2.859	548	550	552	rBV3	857	395	0.01%	0.002%
9	2.917	566	568	569	rBV2	1489	632	0.02%	0.003%
10	3.045	598	608	627	rVB3	62233	125568	3.12%	0.633%
11	3.363	704	707	710	rBV5	1326	1076	0.03%	0.005%
12	3.437	724	730	731	rBV4	1601	1182	0.03%	0.006%
13	3.560	766	768	770	rBV3	806	406	0.01%	0.002%
14	3.643	789	794	796	rBV4	1007	714	0.02%	0.004%
15	3.685	801	807	809	rBV5	734	501	0.01%	0.003%
16	3.765	815	832	852	rBV4	42345	112438	2.80%	0.567%
17	3.891	858	871	905	rBV	164748	498553	12.40%	2.515%
18	4.354	1001	1015	1041	rVB	298385	734708	18.27%	3.706%
19	4.656	1103	1109	1111	rBV5	1824	1715	0.04%	0.009%
20	5.052	1214	1232	1265	rBV2	676156	1785741	44.41%	9.007%
21	5.621	1397	1409	1435	rBV	680418	1356740	33.74%	6.843%
22	5.916	1489	1501	1518	rBV5	66859	157954	3.93%	0.797%
23	6.074	1537	1550	1575	rBV	414477	854385	21.25%	4.309%
24	6.521	1687	1689	1693	rVB5	1169	716	0.02%	0.004%
25	6.543	1693	1696	1700	rBV5	700	590	0.01%	0.003%
26	6.569	1702	1704	1707	rBV3	836	694	0.02%	0.004%
27	6.775	1766	1768	1773	rBV5	717	435	0.01%	0.002%
28	6.826	1782	1784	1786	rBV3	1049	682	0.02%	0.003%
29	6.990	1823	1835	1857	rBV	198979	370420	9.21%	1.868%
30	7.167	1887	1890	1892	rBV3	1593	908	0.02%	0.005%
31	7.322	1926	1938	1957	rBV	724582	1259884	31.33%	6.355%
32	7.627	2023	2033	2062	rBV	138665	244804	6.09%	1.235%
33	7.913	2120	2122	2125	rBV2	801	388	0.01%	0.002%
34	7.981	2129	2143	2168	rVV	2410196	4020704	100.00%	20.280%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4X0

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\SOMVLM122820WMA.M
Title : VOC Analysis

35	8.093	2168	2178	2219	rVB2	527155	1036470	25.78%	5.228%
36	8.707	2366	2369	2370	rBV2	819	439	0.01%	0.002%
37	8.730	2374	2376	2378	rVB3	1195	413	0.01%	0.002%
38	8.756	2382	2384	2386	rBV3	968	466	0.01%	0.002%
39	8.858	2404	2416	2438	rBV	1037971	1691500	42.07%	8.532%
40	9.190	2517	2519	2520	rBV2	671	321	0.01%	0.002%
41	9.386	2577	2580	2583	rBV4	1087	644	0.02%	0.003%
42	9.399	2583	2584	2588	rVB3	986	409	0.01%	0.002%
43	9.434	2592	2595	2598	rBV3	1071	826	0.02%	0.004%
44	9.485	2609	2611	2613	rBV2	774	372	0.01%	0.002%
45	9.505	2616	2617	2621	rVB3	723	353	0.01%	0.002%
46	9.543	2624	2629	2635	rBV6	1527	1911	0.05%	0.010%
47	9.694	2673	2676	2678	rVB3	851	422	0.01%	0.002%
48	9.720	2682	2684	2687	rBV3	868	526	0.01%	0.003%
49	9.743	2687	2691	2692	rBV4	652	416	0.01%	0.002%
50	9.781	2699	2703	2705	rBV3	973	879	0.02%	0.004%
51	9.823	2709	2716	2721	rBV6	2368	3462	0.09%	0.017%
52	9.862	2726	2728	2732	rBV4	1482	818	0.02%	0.004%
53	9.919	2742	2746	2747	rBV2	603	354	0.01%	0.002%
54	9.936	2749	2751	2753	rVB2	1131	490	0.01%	0.002%
55	10.013	2773	2775	2778	rBV3	1109	539	0.01%	0.003%
56	10.035	2778	2782	2783	rBV3	723	517	0.01%	0.003%
57	10.103	2801	2803	2807	rBV4	867	658	0.02%	0.003%
58	10.122	2807	2809	2812	rVB2	982	477	0.01%	0.002%
59	10.145	2812	2816	2818	rBV5	840	596	0.01%	0.003%
60	10.177	2824	2826	2828	rBV2	758	432	0.01%	0.002%
61	10.222	2828	2840	2861	rVV	578079	912292	22.69%	4.601%
62	10.450	2907	2911	2913	rBV3	1015	695	0.02%	0.004%
63	10.473	2916	2918	2922	rBV6	1193	939	0.02%	0.005%
64	10.534	2934	2937	2938	rBV2	799	423	0.01%	0.002%
65	10.643	2969	2971	2976	rVB2	767	378	0.01%	0.002%
66	10.730	2993	2998	2999	rBV2	509	405	0.01%	0.002%
67	10.736	2999	3000	3005	rVV3	1054	874	0.02%	0.004%
68	10.759	3005	3007	3010	rVV3	686	472	0.01%	0.002%
69	10.810	3021	3023	3025	rBV3	669	335	0.01%	0.002%
70	10.865	3036	3040	3046	rVB7	753	788	0.02%	0.004%
71	10.926	3056	3059	3062	rVB3	841	452	0.01%	0.002%

LSC Area Percent Report

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Sample : M1017-08
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4X0

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\SOMVLM122820WMA.M
Title : VOC Analysis

72	10.945	3062	3065	3070	rBV7	898	958	0.02%	0.005%
73	10.964	3070	3071	3074	rVB2	917	437	0.01%	0.002%
74	10.984	3074	3077	3080	rBV3	780	647	0.02%	0.003%
75	11.151	3127	3129	3130	rBV	1097	513	0.01%	0.003%
76	11.254	3150	3161	3181	rBV	1046485	1623637	40.38%	8.189%
77	11.341	3184	3188	3189	rBV3	2222	1607	0.04%	0.008%
78	11.511	3239	3241	3244	rVB3	640	381	0.01%	0.002%
79	11.537	3246	3249	3251	rBV3	817	628	0.02%	0.003%
80	11.630	3266	3278	3299	rBV	861025	1358050	33.78%	6.850%
81	11.993	3385	3391	3394	rBV7	1167	1174	0.03%	0.006%
82	12.177	3447	3448	3455	rVB6	2145	2137	0.05%	0.011%
83	12.206	3455	3457	3460	rBV2	763	575	0.01%	0.003%
84	12.263	3470	3475	3481	rBV9	1572	2201	0.05%	0.011%
85	12.357	3499	3504	3514	rVB8	4286	6313	0.16%	0.032%
86	12.466	3533	3538	3539	rBV4	1870	1502	0.04%	0.008%
87	12.662	3596	3599	3601	rBV3	1114	704	0.02%	0.004%
88	12.707	3611	3613	3617	rBV4	756	544	0.01%	0.003%
89	12.730	3618	3620	3622	rBV3	862	405	0.01%	0.002%
90	12.823	3646	3649	3653	rBV4	1209	779	0.02%	0.004%
91	12.849	3655	3657	3660	rBV3	894	591	0.01%	0.003%
92	12.935	3680	3684	3686	rBV2	1317	748	0.02%	0.004%
93	12.955	3686	3690	3693	rBV4	661	569	0.01%	0.003%
94	13.054	3716	3721	3728	rBV8	4063	4536	0.11%	0.023%
95	13.376	3816	3821	3825	rBV7	1750	2048	0.05%	0.010%
96	13.855	3967	3970	3974	rBV3	765	647	0.02%	0.003%
97	14.154	4061	4063	4068	rVB3	1040	646	0.02%	0.003%
98	14.482	4163	4165	4168	rBV3	748	510	0.01%	0.003%
99	14.858	4280	4282	4283	rBV2	1077	376	0.01%	0.002%
100	15.103	4355	4358	4360	rBV3	1075	571	0.01%	0.003%

Sum of corrected areas: 19826139

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010721\
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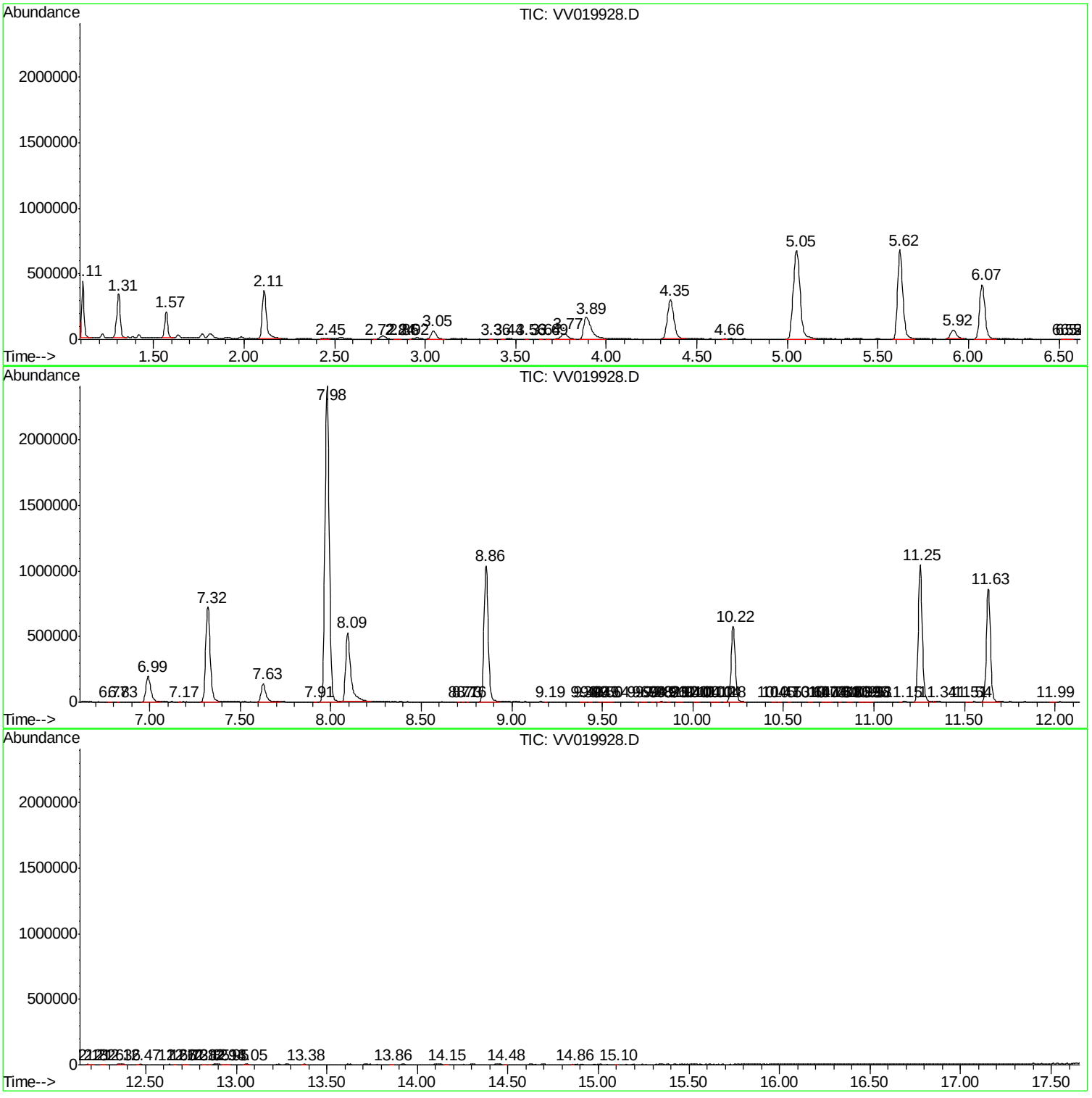
Sample : M1017-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4X0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

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



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ClientSampleId : BG4X0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

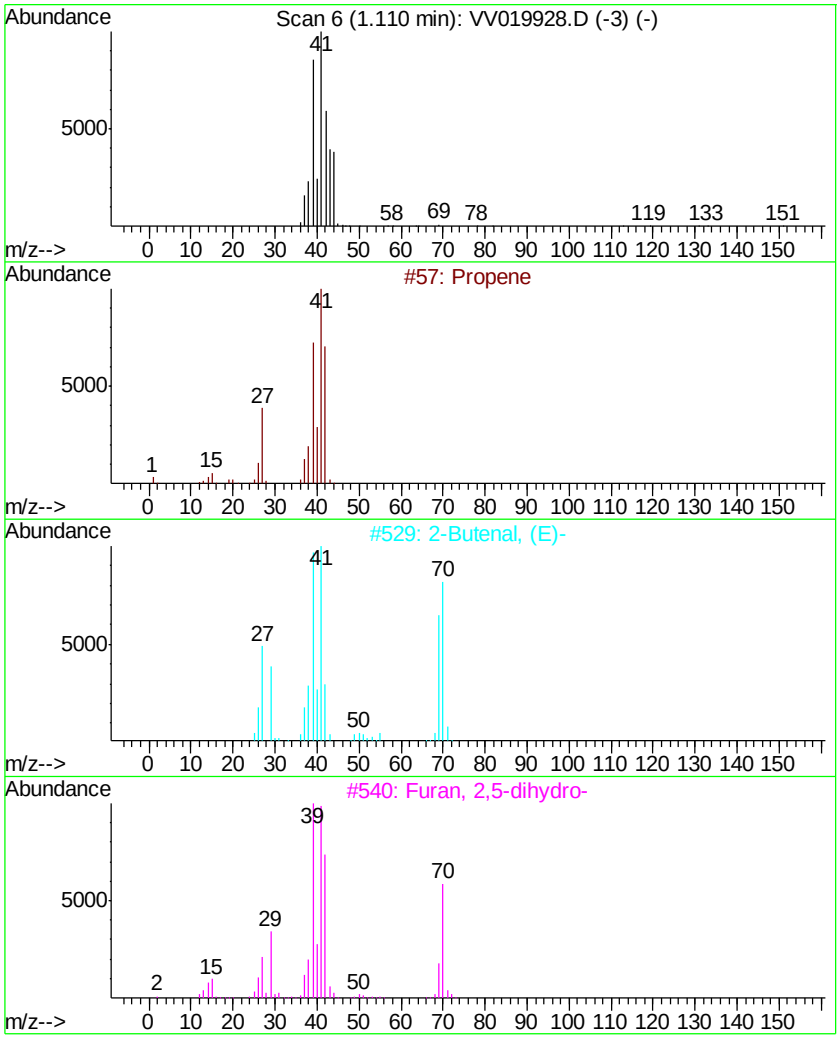
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

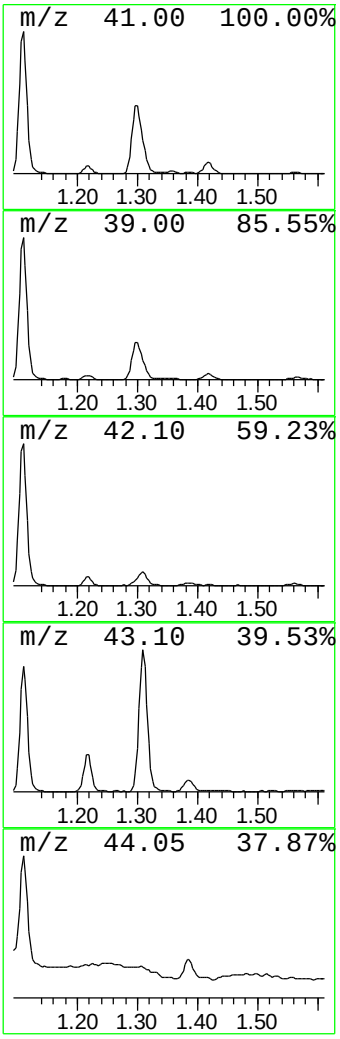
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	13.27 ug/L	360004	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	86
2	2-Butenal, (E)-	70	C4H6O	000123-73-9	78
3	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	78
4	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	64
5	3-Butenoic acid	86	C4H6O2	000625-38-7	64





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Instrument : MSVOA_V
ClientSampleId : BG4X0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

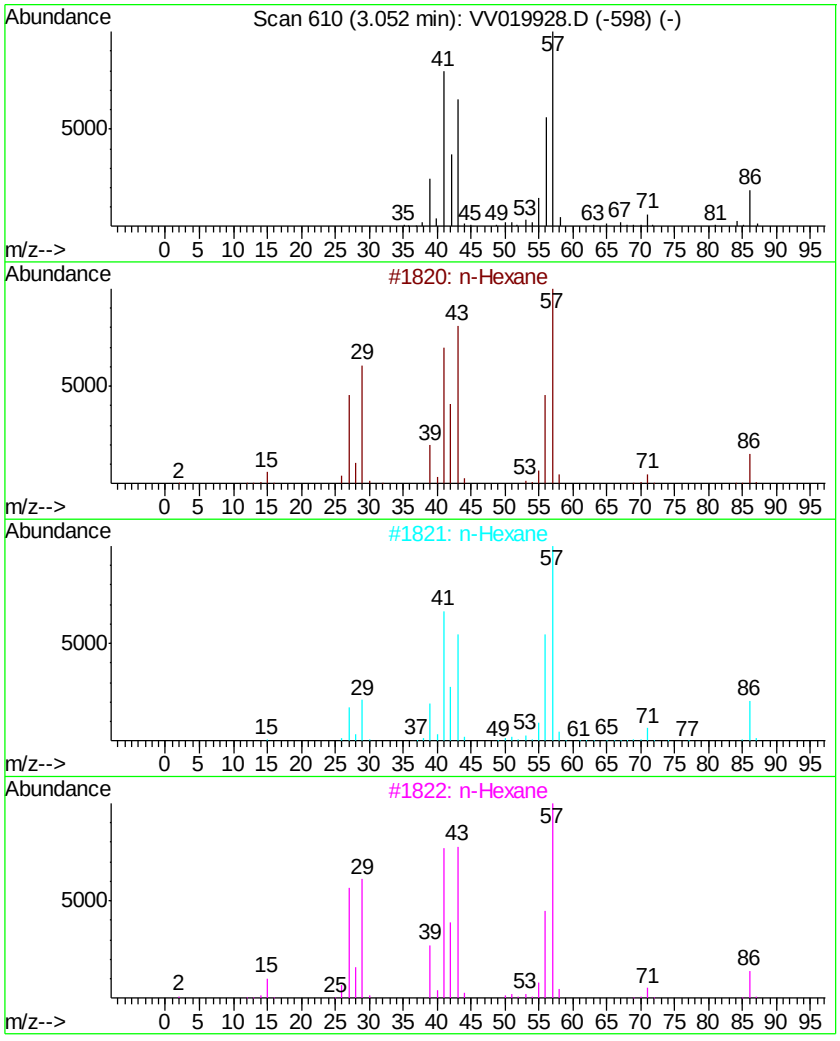
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

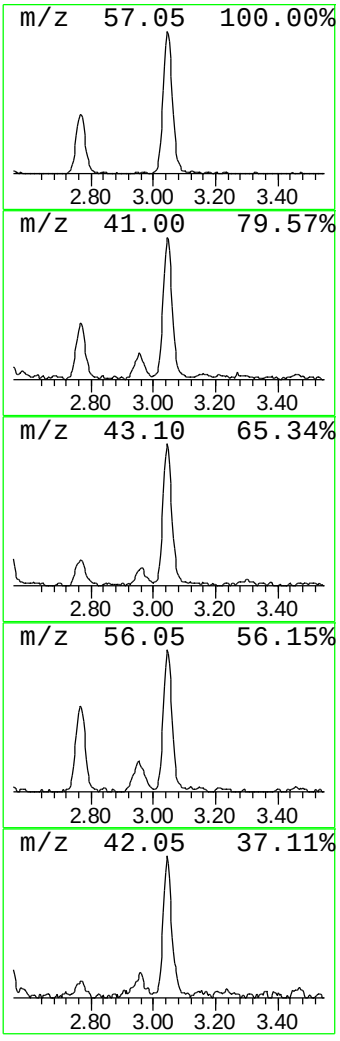
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	4.63 ug/L	125568	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	90
2	n-Hexane	86	C6H14	000110-54-3	87
3	n-Hexane	86	C6H14	000110-54-3	72
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	43
5	2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	43





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ClientSampleId : BG4X0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

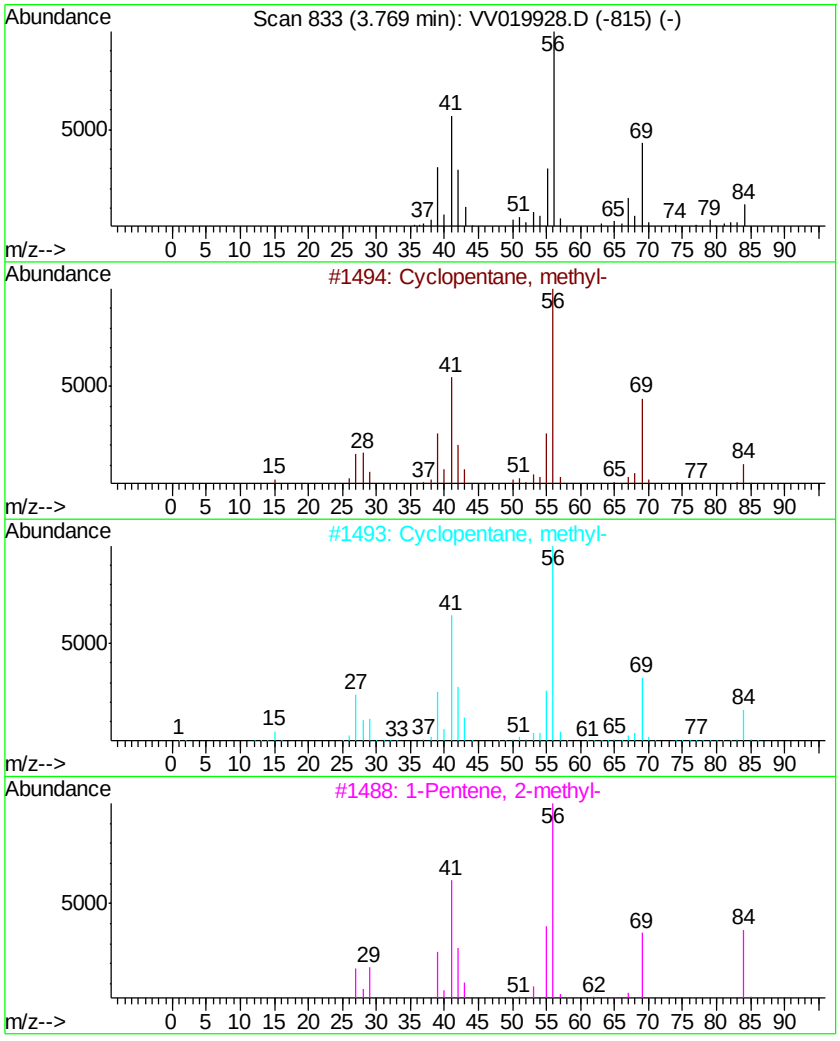
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

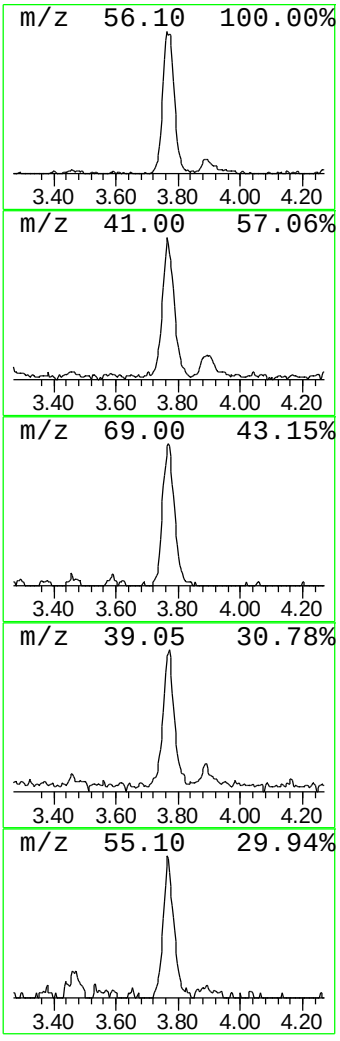
****

Peak Number 3 (DEL) Alkane: Cyclic3.77 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	4.14 ug/L	112438	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	83
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	74
4	Cyclohexane	84	C6H12	000110-82-7	72
5	Cyclohexane	84	C6H12	000110-82-7	64





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...	1.11	13.3	ug/L	360004	1	5.62	1356740	50.0
(DEL) Alkane: Str...	3.05	4.6	ug/L	125568	1	5.62	1356740	50.0
(DEL) Alkane: Cyc...	3.77	4.1	ug/L	112438	1	5.62	1356740	50.0