LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040819\
Data File : VV010184.D
Acq On : 08 Apr 2019 18:53
Operator : SY/MD
Sample : K2259-05
Misc : 4.61G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

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\SOM2VLM040219S.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	1.206	32	36	41	rBV	24354	23917	3.45%	0.515%
2	1.319	64	71	80	rVB	182551	191538	27.65%	4.125%
3	1.573	145	150	163	rVB	131450	148171	21.39%	3.191%
4	1.814	218	225	235	rVB	132388	167111	24.13%	3.599%
5	2.126	313	322	334	rBV	212545	294565	42.53%	6.344%
6	2.441	418	420	422	rBV3	800	469	0.07%	0.010%
7	2.537	441	450	464	rBV	39655	71943	10.39%	1.549%
8	2.653	481	486	490	rVB6	858	677	0.10%	0.015%
9	2.756	515	518	519	rBV6	554	299	0.04%	0.006%
10	2.788	520	528	541	rVB4	3005	5806	0.84%	0.125%
11	2.949	572	578	579	rBV3	606	558	0.08%	0.012%
12	3.071	605	616	634	rVB	32797	65890	9.51%	1.419%
13	3.177	646	649	653	rBV3	777	741	0.11%	0.016%
14	3.418	723	724	729	rVB2	645	332	0.05%	0.007%
15	3.521	753	756	759	rVB2	795	476	0.07%	0.010%
16	3.608	780	783	787	rBV2	751	646	0.09%	0.014%
17	3.682	801	806	808	rBV3	605	553	0.08%	0.012%
18	3.753	826	828	832	rBV2	408	352	0.05%	0.008%
19	3.807	832	845	860	rVB8	8370	20388	2.94%	0.439%
20	3.878	864	867	871	rVB2	566	361	0.05%	0.008%
21	3.945	877	888	913	rBV2	29459	88517	12.78%	1.906%
22	4.209	967	970	972	rBV2	534	350	0.05%	0.008%
23	4.402	1011	1030	1052	rBV	124167	314431	45.39%	6.772%
24	4.804	1154	1155	1164	rVB3	942	935	0.13%	0.020%
25	4.884	1175	1180	1183	rBV2	446	408	0.06%	0.009%
26	4.900	1183	1185	1188	rBV2	558	385	0.06%	0.008%
27	4.952	1192	1201	1202	rBV4	2257	2308	0.33%	0.050%
28	5.016	1219	1221	1223	rBV3	568	298	0.04%	0.006%
29	5.029	1223	1225	1229	rVB2	654	420	0.06%	0.009%
30	5.097	1229	1246	1258	rBV3	278350	692677	100.00%	14.918%
31	5.357	1320	1327	1331	rBV4	1795	2398	0.35%	0.052%
32	5.537	1372	1383	1392	rBV5	9544	18683	2.70%	0.402%
33	5.666	1408	1423	1443	rBV2	207684	422011	60.92%	9.089%
34	5.897	1493	1495	1497	rVB2	765	311	0.04%	0.007%

LSC Area Percent Report

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Sample : K2259-05
Misc : 4.61G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

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\SOM2VLM040219S.M
Title : VOC Analysis

35	5.920	1497	1502	1503	rBV4	658	456	0.07%	0.010%
36	5.939	1503	1508	1509	rBV2	1684	1527	0.22%	0.033%
37	6.119	1550	1564	1594	rBV2	169762	357725	51.64%	7.704%
38	6.379	1642	1645	1646	rBV2	705	414	0.06%	0.009%
39	6.640	1724	1726	1727	rBV2	650	324	0.05%	0.007%
40	6.817	1779	1781	1784	rBV3	820	308	0.04%	0.007%
41	6.932	1812	1817	1819	rBV2	507	517	0.07%	0.011%
42	6.955	1819	1824	1825	rBV4	959	806	0.12%	0.017%
43	7.032	1836	1848	1869	rVB3	63542	116441	16.81%	2.508%
44	7.109	1869	1872	1874	rBV3	698	461	0.07%	0.010%
45	7.183	1891	1895	1897	rBV4	750	534	0.08%	0.012%
46	7.305	1929	1933	1938	rBV6	1735	2043	0.29%	0.044%
47	7.360	1938	1950	1965	rBV	257064	447559	64.61%	9.639%
48	7.666	2035	2045	2059	rBV2	36430	60795	8.78%	1.309%
49	7.971	2133	2140	2141	rBV3	734	750	0.11%	0.016%
50	8.138	2181	2192	2216	rBV2	95871	179789	25.96%	3.872%
51	8.386	2262	2269	2272	rBV4	869	1103	0.16%	0.024%
52	8.450	2284	2289	2293	rBV4	583	581	0.08%	0.013%
53	8.556	2319	2322	2323	rVV	543	290	0.04%	0.006%
54	8.566	2323	2325	2330	rVV4	686	567	0.08%	0.012%
55	8.694	2361	2365	2366	rBV2	553	359	0.05%	0.008%
56	8.704	2366	2368	2373	rVB3	899	685	0.10%	0.015%
57	8.897	2416	2428	2445	rBV	208311	348304	50.28%	7.501%
58	9.055	2469	2477	2486	rBV3	6792	10701	1.54%	0.230%
59	9.109	2492	2494	2497	rVB3	878	387	0.06%	0.008%
60	9.135	2499	2502	2504	rBV3	512	295	0.04%	0.006%
61	9.183	2511	2517	2529	rVB3	12943	22332	3.22%	0.481%
62	9.305	2552	2555	2559	rBV2	510	552	0.08%	0.012%
63	9.373	2574	2576	2583	rVV3	752	595	0.09%	0.013%
64	9.482	2608	2610	2613	rVB2	692	361	0.05%	0.008%
65	9.518	2617	2621	2624	rBV3	804	648	0.09%	0.014%
66	9.592	2636	2644	2652	rBV6	2031	3162	0.46%	0.068%
67	9.656	2661	2664	2670	rVB	571	449	0.06%	0.010%
68	9.759	2693	2696	2700	rBV	763	616	0.09%	0.013%
69	9.823	2714	2716	2719	rBV3	489	336	0.05%	0.007%
70	10.135	2810	2813	2816	rVV2	791	608	0.09%	0.013%
71	10.164	2820	2822	2825	rBV2	405	328	0.05%	0.007%

LSC Area Percent Report

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Misc : 4.61G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

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_V\METHOD\SOM2VLM040219S.M
Title : VOC Analysis

72	10.260	2839	2852	2871	rBV	139119	229116	33.08%	4.934%
73	10.495	2917	2925	2930	rBV4	1904	2741	0.40%	0.059%
74	10.585	2951	2953	2958	rVB3	885	525	0.08%	0.011%
75	10.637	2967	2969	2975	rVB2	479	397	0.06%	0.009%
76	10.662	2975	2977	2979	rBV2	540	299	0.04%	0.006%
77	10.964	3063	3071	3078	rBV4	2371	3478	0.50%	0.075%
78	11.128	3118	3122	3127	rBV4	620	484	0.07%	0.010%
79	11.190	3137	3141	3149	rVB7	1538	2111	0.30%	0.045%
80	11.299	3161	3175	3192	rBV	70686	128595	18.56%	2.769%
81	11.437	3210	3218	3222	rBV4	1218	1646	0.24%	0.035%
82	11.579	3259	3262	3267	rVB5	759	645	0.09%	0.014%
83	11.614	3270	3273	3274	rBV	506	306	0.04%	0.007%
84	11.675	3281	3292	3310	rVB	91410	154061	22.24%	3.318%
85	12.206	3455	3457	3459	rBV2	718	338	0.05%	0.007%
86	12.231	3462	3465	3470	rBV3	621	404	0.06%	0.009%
87	12.273	3474	3478	3480	rBV2	678	491	0.07%	0.011%
88	12.292	3480	3484	3486	rBV2	1313	960	0.14%	0.021%
89	12.582	3572	3574	3577	rBV	448	306	0.04%	0.007%
90	12.829	3650	3651	3655	rBV2	504	330	0.05%	0.007%
91	13.035	3712	3715	3717	rBV2	658	353	0.05%	0.008%
92	13.074	3724	3727	3730	rBV2	761	471	0.07%	0.010%
93	13.292	3792	3795	3799	rVB2	520	406	0.06%	0.009%
94	13.521	3860	3866	3869	rBV2	690	548	0.08%	0.012%
95	13.643	3901	3904	3909	rVB3	602	344	0.05%	0.007%
96	13.755	3935	3939	3942	rBV3	570	524	0.08%	0.011%
97	13.797	3944	3952	3962	rVB4	6381	9142	1.32%	0.197%
98	14.029	4021	4024	4025	rBV	645	354	0.05%	0.008%
99	14.935	4304	4306	4307	rBV	882	363	0.05%	0.008%
100	15.527	4487	4490	4494	rBV3	1124	897	0.13%	0.019%

Sum of corrected areas: 4643268

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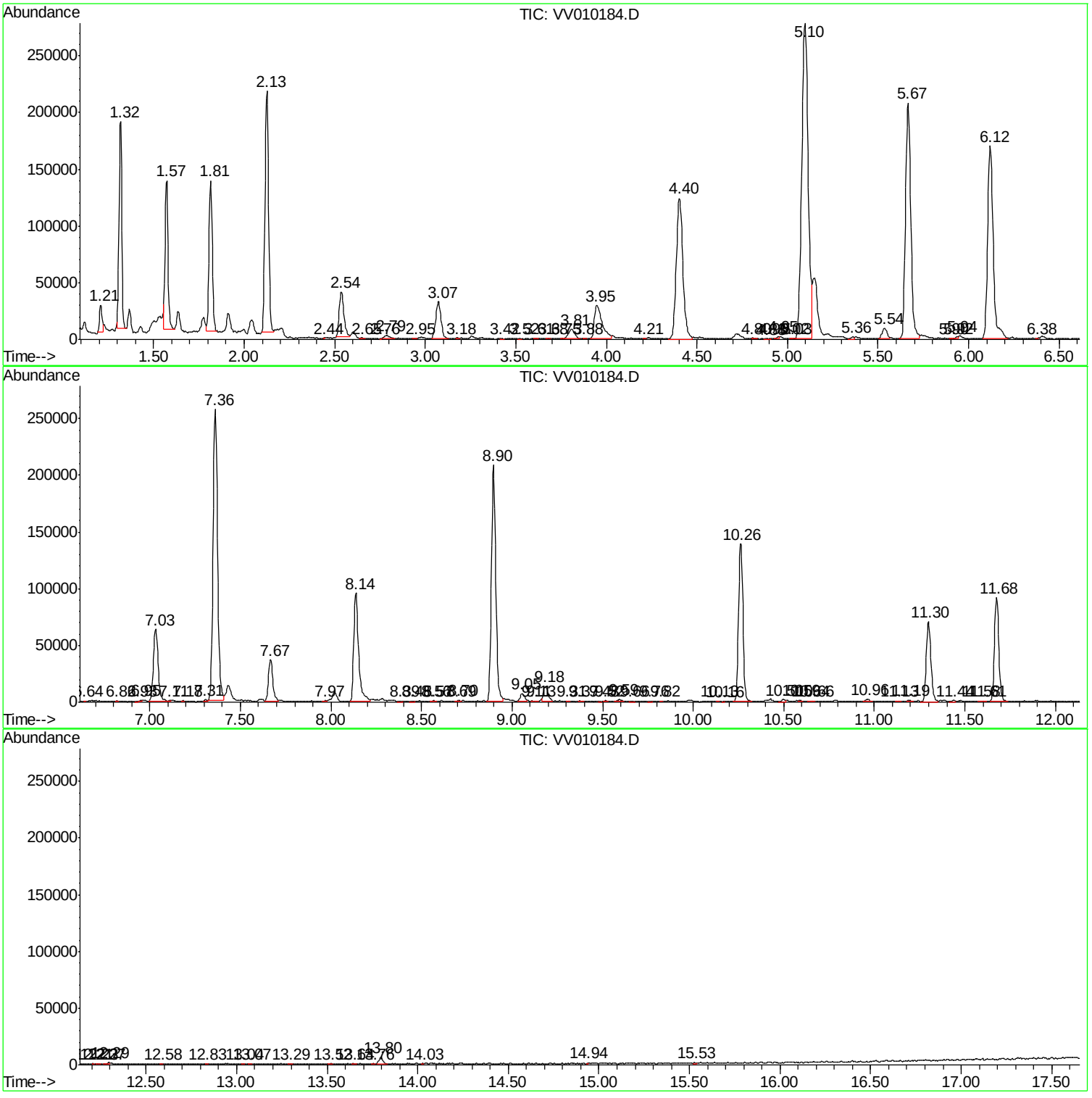
Instrument :
MSVOA_V
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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



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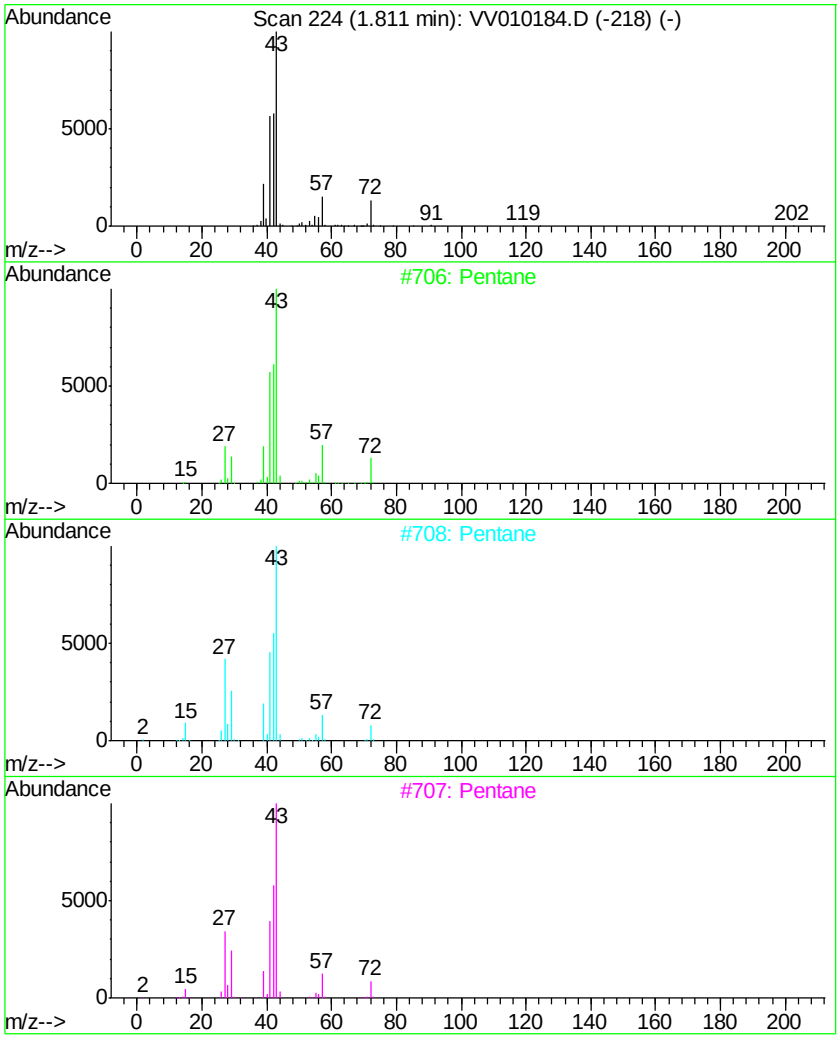
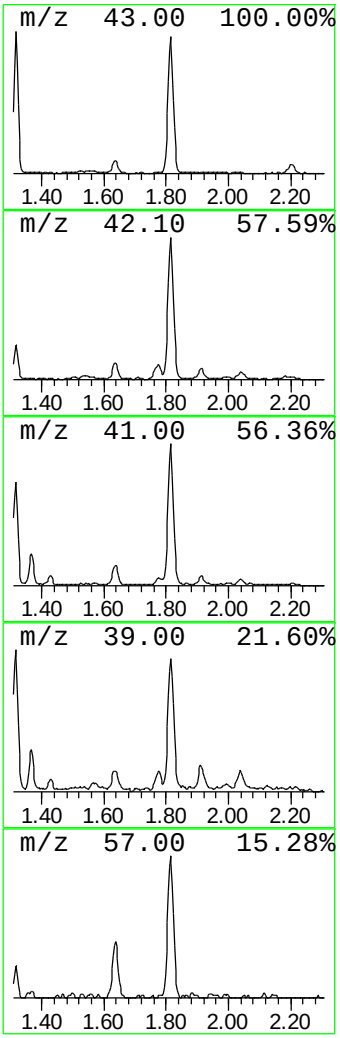
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.81	9.90 ug/L	167111	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	80
4	Pentane	72	C5H12	000109-66-0	72
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	50





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Instrument : MSVOA_V
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

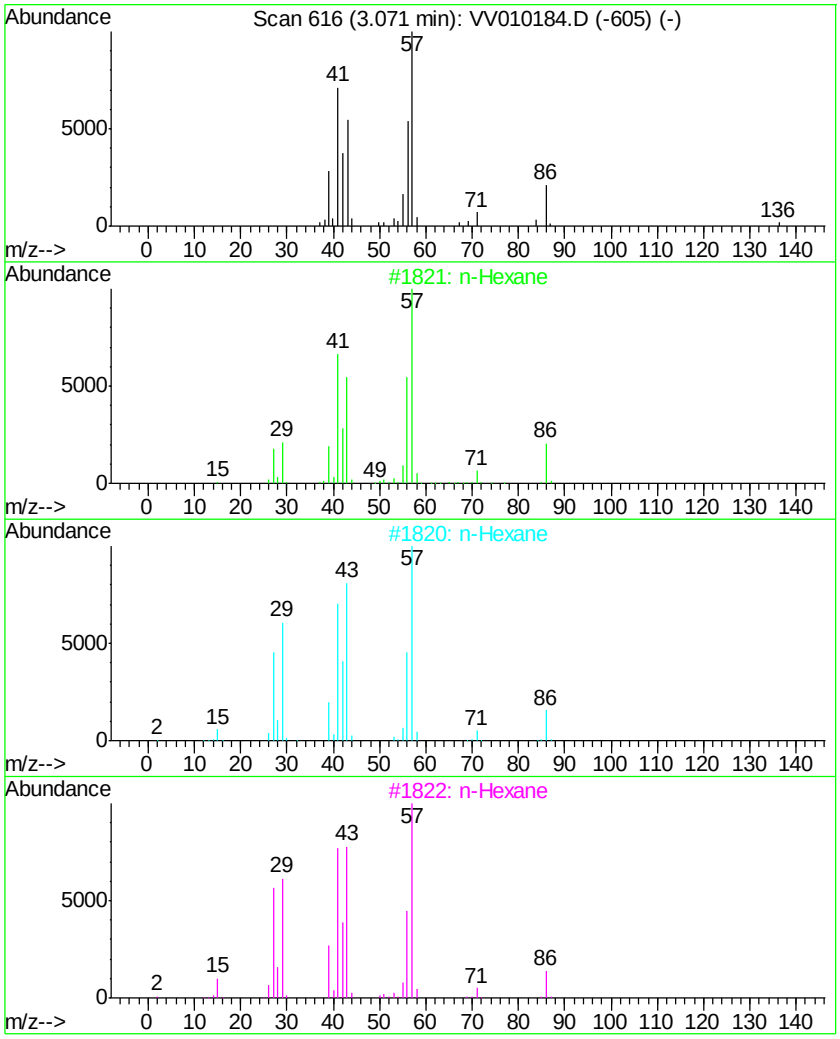
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

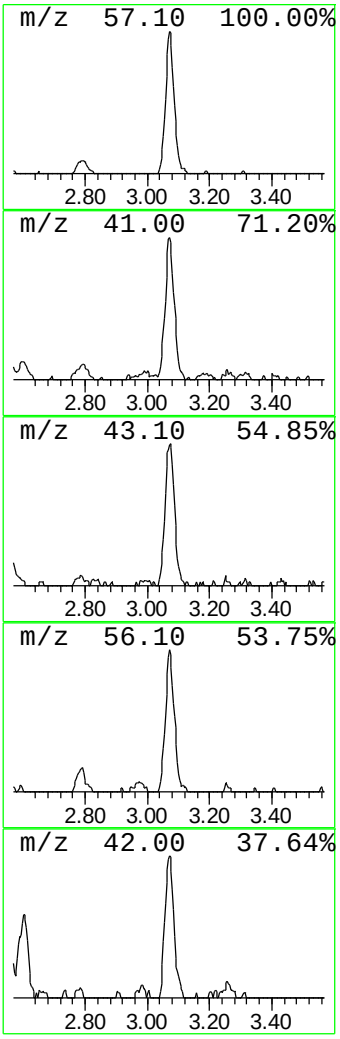
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	3.90 ug/L	65890	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	78
3	n-Hexane	86	C6H14	000110-54-3	56
4	5-Methyl-1,5-hexadien-3-ol	112	C7H12O	017123-61-4	47
5	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	47





Library Search Compound Report

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Instrument : MSVOA_V
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

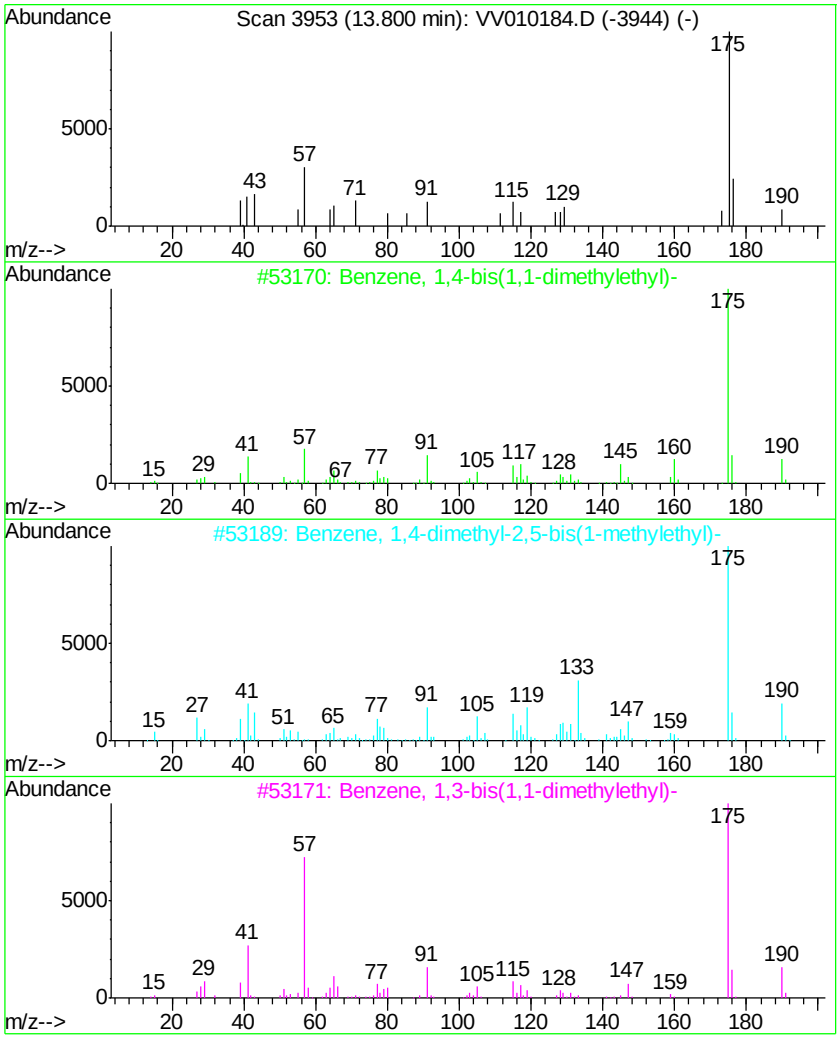
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

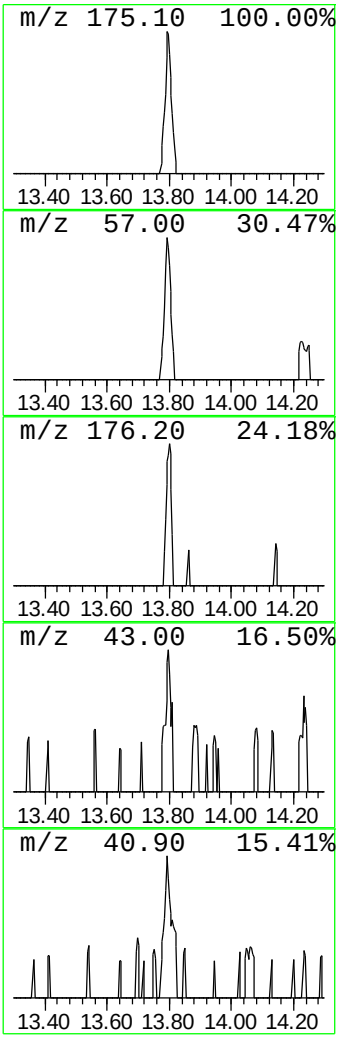
****

Peak Number 5 Benzene, 1,4-bis(1,1-dimeth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	1.78 ug/L	9142	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	72
2	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	72
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	64
4	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	59
5	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040819\
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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...	1.81	9.9	ug/L	167111	1	5.67	422011	25.0
(DEL) Alkane: Str...	3.07	3.9	ug/L	65890	1	5.67	422011	25.0
Benzene, 1,4-bis(...	13.80	1.8	ug/L	9142	3	11.30	128595	25.0