LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022719\
Data File : VV009404.D
Acq On : 27 Feb 2019 17:50
Operator : SY/MD
Sample : K1626-13
Misc : 4.35G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFC90

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\SOM2VLM022619S.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	1.319	65	71	85	rVB	67921	71820	13.33%	1.917%
2	1.396	90	95	101	rVB	20511	21146	3.92%	0.564%
3	2.129	315	323	345	rVB	170162	254437	47.22%	6.790%
4	2.232	349	355	370	rVB2	27700	39572	7.34%	1.056%
5	2.540	442	451	464	rVB3	11747	20592	3.82%	0.550%
6	2.592	464	467	471	rVB3	820	535	0.10%	0.014%
7	2.637	477	481	484	rBV3	472	310	0.06%	0.008%
8	2.666	489	490	495	rVB2	427	300	0.06%	0.008%
9	2.775	520	524	526	rBV2	502	426	0.08%	0.011%
10	3.077	606	618	630	rBV2	13255	24510	4.55%	0.654%
11	3.267	674	677	680	rVB2	565	379	0.07%	0.010%
12	3.286	680	683	685	rBV2	432	320	0.06%	0.009%
13	3.675	800	804	806	rBV2	357	273	0.05%	0.007%
14	3.791	837	840	845	rVB2	355	357	0.07%	0.010%
15	3.952	877	890	906	rBV2	11030	33270	6.17%	0.888%
16	4.129	942	945	948	rBV3	530	413	0.08%	0.011%
17	4.164	954	956	961	rVB2	386	277	0.05%	0.007%
18	4.402	1011	1030	1058	rBV	94218	230581	42.79%	6.153%
19	4.643	1103	1105	1109	rVB	560	320	0.06%	0.009%
20	4.814	1155	1158	1163	rVB2	399	310	0.06%	0.008%
21	4.862	1169	1173	1177	rBV2	336	351	0.07%	0.009%
22	4.929	1189	1194	1199	rBV3	341	414	0.08%	0.011%
23	5.097	1228	1246	1281	rBV2	212676	538814	100.00%	14.379%
24	5.299	1307	1309	1312	rVB2	801	273	0.05%	0.007%
25	5.518	1374	1377	1380	rVB3	522	308	0.06%	0.008%
26	5.537	1380	1383	1385	rBV2	510	313	0.06%	0.008%
27	5.662	1408	1422	1442	rBV	181956	370935	68.84%	9.899%
28	6.119	1550	1564	1585	rBV2	122054	251245	46.63%	6.705%
29	6.444	1659	1665	1671	rVB3	578	723	0.13%	0.019%
30	6.489	1675	1679	1683	rBV	351	257	0.05%	0.007%
31	6.662	1731	1733	1737	rVB2	384	252	0.05%	0.007%
32	6.775	1765	1768	1770	rVB	408	250	0.05%	0.007%
33	6.820	1772	1782	1786	rVV7	909	1362	0.25%	0.036%
34	6.839	1786	1788	1792	rVB	642	321	0.06%	0.009%

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Instrument : MSVOA_V
ClientSampleId : BFC90

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\SOM2VLM022619S.M
Title : VOC Analysis

35	7.029	1836	1847	1863	rBV2	55795	102122	18.95%	2.725%
36	7.251	1910	1916	1918	rBV3	450	405	0.08%	0.011%
37	7.299	1929	1931	1937	rVB4	745	683	0.13%	0.018%
38	7.360	1937	1950	1981	rBV	257787	460561	85.48%	12.290%
39	7.617	2026	2030	2031	rBV2	372	300	0.06%	0.008%
40	7.666	2035	2045	2062	rVB	34952	59631	11.07%	1.591%
41	7.749	2069	2071	2075	rVB	561	384	0.07%	0.010%
42	7.791	2079	2084	2087	rBV2	453	508	0.09%	0.014%
43	7.804	2087	2088	2091	rBV2	570	337	0.06%	0.009%
44	7.987	2140	2145	2150	rBV2	487	509	0.09%	0.014%
45	8.135	2181	2191	2221	rBV4	44391	101508	18.84%	2.709%
46	8.344	2254	2256	2262	rVB3	693	509	0.09%	0.014%
47	8.392	2268	2271	2273	rBV2	407	308	0.06%	0.008%
48	8.492	2299	2302	2306	rBV2	479	393	0.07%	0.010%
49	8.704	2366	2368	2375	rVB3	495	323	0.06%	0.009%
50	8.784	2390	2393	2398	rBV2	453	322	0.06%	0.009%
51	8.823	2403	2405	2408	rBV3	427	264	0.05%	0.007%
52	8.897	2413	2428	2461	rBV	252968	431033	80.00%	11.502%
53	9.061	2476	2479	2481	rVV3	786	444	0.08%	0.012%
54	9.112	2492	2495	2499	rVB2	301	254	0.05%	0.007%
55	9.251	2534	2538	2540	rBV	350	252	0.05%	0.007%
56	9.283	2544	2548	2550	rVV3	401	325	0.06%	0.009%
57	9.418	2586	2590	2593	rBV3	329	298	0.06%	0.008%
58	9.434	2593	2595	2600	rVB2	398	255	0.05%	0.007%
59	9.534	2622	2626	2630	rVB4	617	436	0.08%	0.012%
60	9.566	2634	2636	2640	rBV2	485	356	0.07%	0.010%
61	9.653	2660	2663	2667	rBV2	360	258	0.05%	0.007%
62	9.682	2668	2672	2676	rVB3	344	256	0.05%	0.007%
63	9.749	2688	2693	2697	rBV	491	506	0.09%	0.014%
64	9.839	2717	2721	2726	rVB2	306	270	0.05%	0.007%
65	10.045	2778	2785	2788	rBV3	243	343	0.06%	0.009%
66	10.260	2840	2852	2867	rBV	86193	139520	25.89%	3.723%
67	10.424	2898	2903	2914	rVB5	1949	3453	0.64%	0.092%
68	10.479	2917	2920	2922	rBV2	446	252	0.05%	0.007%
69	10.620	2959	2964	2966	rBV2	485	398	0.07%	0.011%
70	10.659	2974	2976	2980	rVB2	474	266	0.05%	0.007%
71	10.794	3014	3018	3021	rBV2	391	315	0.06%	0.008%

LSC Area Percent Report

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ClientSampleId : BFC90

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\SOM2VLM022619S.M
Title : VOC Analysis

72	10.820	3022	3026	3027	rBV	502	335	0.06%	0.009%
73	10.936	3056	3062	3063	rBV4	553	485	0.09%	0.013%
74	11.055	3096	3099	3101	rBV2	411	282	0.05%	0.008%
75	11.135	3119	3124	3127	rVB3	272	279	0.05%	0.007%
76	11.199	3135	3144	3150	rVV4	1719	2758	0.51%	0.074%
77	11.238	3150	3156	3163	rVV5	2248	3033	0.56%	0.081%
78	11.296	3163	3174	3192	rVV	179250	296376	55.01%	7.909%
79	11.437	3208	3218	3222	rBV6	1448	2386	0.44%	0.064%
80	11.591	3260	3266	3269	rBV4	551	604	0.11%	0.016%
81	11.675	3280	3292	3306	rBV	153626	252737	46.91%	6.744%
82	11.833	3337	3341	3343	rBV2	492	320	0.06%	0.009%
83	11.955	3376	3379	3384	rBV2	541	418	0.08%	0.011%
84	12.003	3391	3394	3397	rBV2	409	256	0.05%	0.007%
85	12.061	3408	3412	3415	rBV3	426	405	0.08%	0.011%
86	12.116	3428	3429	3435	rBV2	366	266	0.05%	0.007%
87	12.231	3462	3465	3471	rVB2	412	372	0.07%	0.010%
88	12.276	3471	3479	3480	rBV2	445	412	0.08%	0.011%
89	12.402	3515	3518	3522	rBV2	350	334	0.06%	0.009%
90	12.466	3535	3538	3541	rBV3	564	402	0.07%	0.011%
91	12.537	3555	3560	3562	rBV	322	256	0.05%	0.007%
92	12.572	3569	3571	3576	rVB2	357	256	0.05%	0.007%
93	13.189	3761	3763	3768	rVB	430	253	0.05%	0.007%
94	13.434	3834	3839	3841	rBV3	433	369	0.07%	0.010%
95	13.559	3874	3878	3885	rBV4	413	461	0.09%	0.012%
96	13.697	3915	3921	3924	rBV2	655	544	0.10%	0.015%
97	13.797	3943	3952	3959	rBV2	4781	6960	1.29%	0.186%
98	13.939	3990	3996	3998	rBV2	580	495	0.09%	0.013%
99	14.080	4038	4040	4045	rBV2	438	384	0.07%	0.010%
100	14.222	4080	4084	4085	rBV2	519	362	0.07%	0.010%

Sum of corrected areas: 3747323

LSC Report - Integrated Chromatogram

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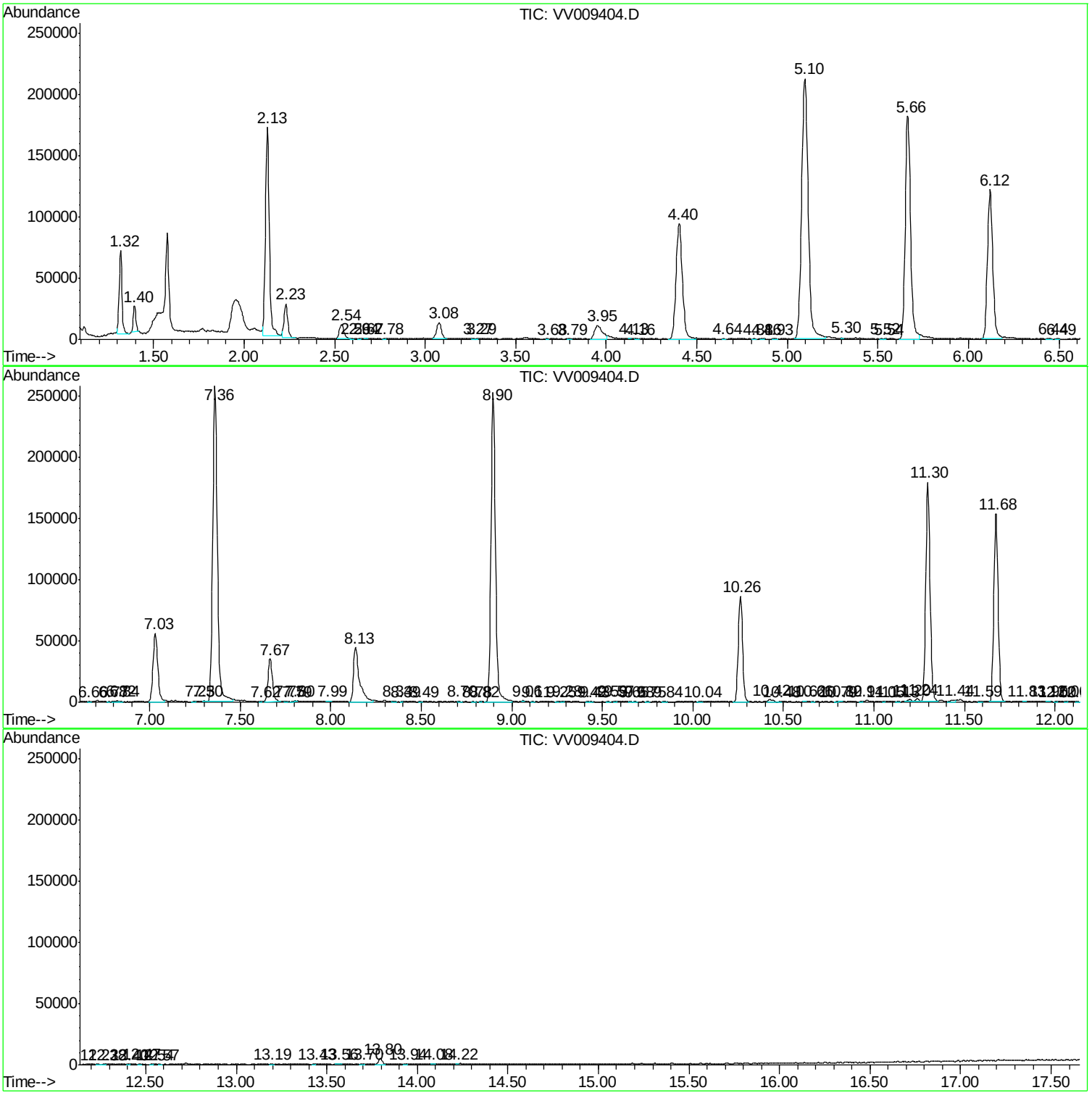
Instrument : MSVOA_V
ClientSampleId : BFC90

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.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_V\DATA\VV022719\
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFC90

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis

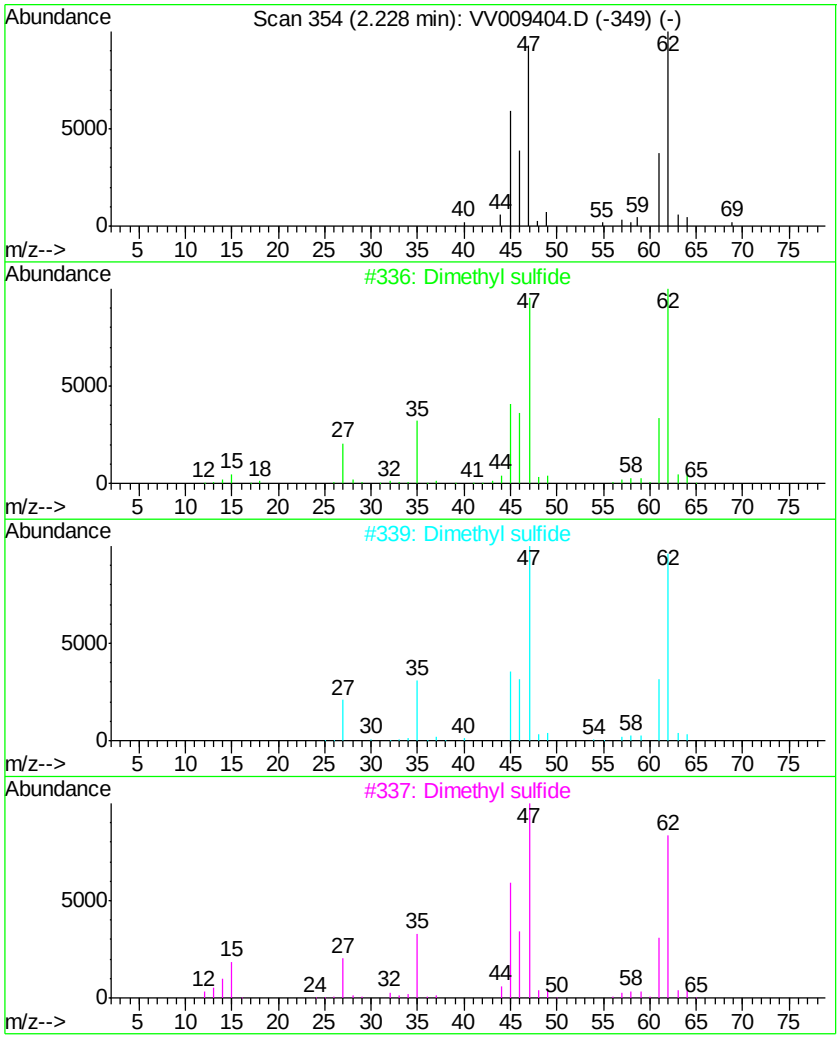
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

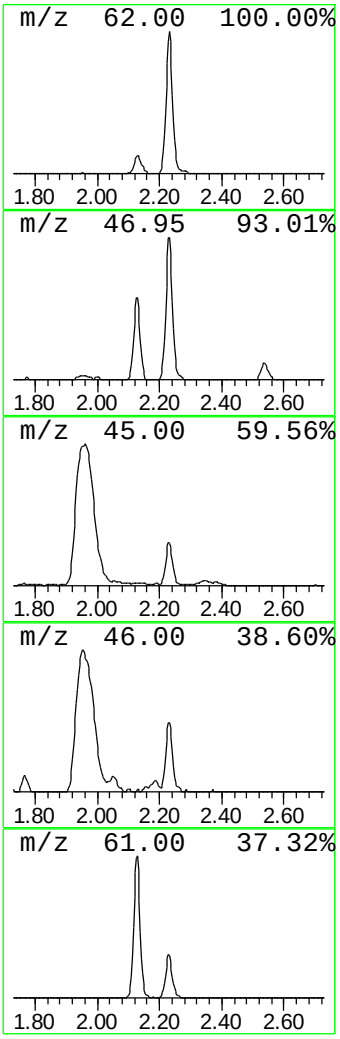
****

Peak Number 2 Dimethyl sulfide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	2.67 ug/L	39572	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	94
2	Dimethyl sulfide	62	C2H6S	000075-18-3	91
3	Dimethyl sulfide	62	C2H6S	000075-18-3	91
4	Dimethyl sulfide	62	C2H6S	000075-18-3	91
5	Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	90





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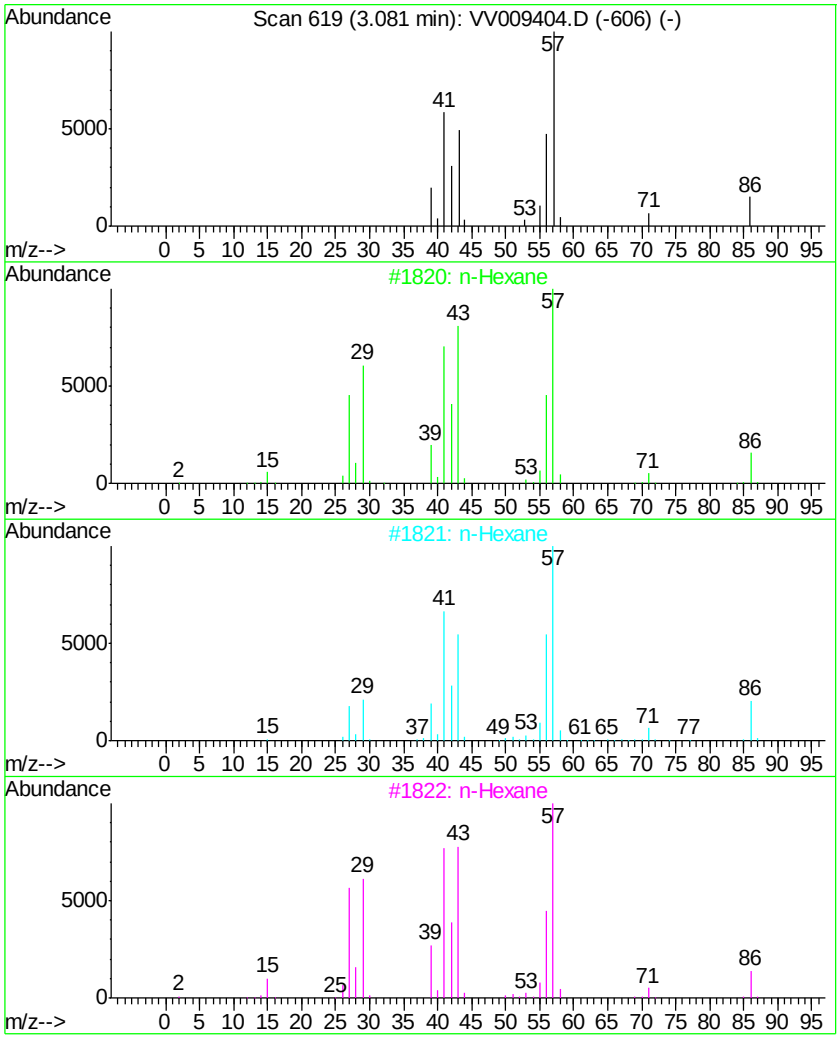
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis

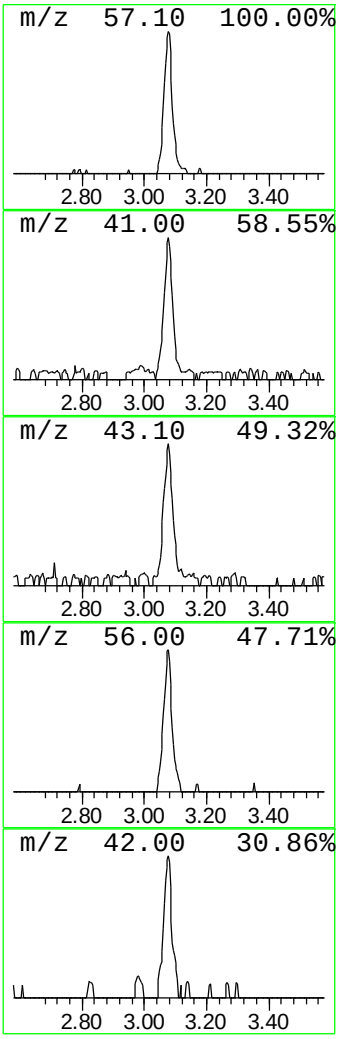
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	1.65 ug/L	24510	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	83
2	n-Hexane	86	C6H14	000110-54-3	83
3	n-Hexane	86	C6H14	000110-54-3	72
4	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	38
5	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	37





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
Dimethyl sulfide	2.23	2.7	ug/L	39572	1	5.67	370935	25.0
(DEL) Alkane: Str...	3.08	1.6	ug/L	24510	1	5.67	370935	25.0