

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022719\
 Data File : VV009402.D
 Acq On : 27 Feb 2019 16:58
 Operator : SY/MD
 Sample : K1626-09
 Misc : 5.81G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF668

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 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	81	rVB	73196	74859	12.87%	1.730%
2	1.579	147	152	171	rVB	120368	150670	25.91%	3.482%
3	2.129	314	323	335	rVB	170507	244665	42.08%	5.655%
4	2.229	348	354	368	rVB	66825	101423	17.44%	2.344%
5	2.537	442	450	464	rVB3	11618	20903	3.59%	0.483%
6	2.614	469	474	478	rBV5	347	307	0.05%	0.007%
7	2.653	482	486	488	rBV2	403	258	0.04%	0.006%
8	2.772	520	523	525	rBV	381	278	0.05%	0.006%
9	2.920	566	569	571	rVB	506	302	0.05%	0.007%
10	2.981	585	588	590	rBV2	438	289	0.05%	0.007%
11	3.074	605	617	631	rBV3	13984	27847	4.79%	0.644%
12	3.177	646	649	652	rBV2	445	410	0.07%	0.009%
13	3.328	693	696	699	rVV3	547	365	0.06%	0.008%
14	3.711	813	815	818	rVB2	491	276	0.05%	0.006%
15	3.881	864	868	873	rBV2	545	482	0.08%	0.011%
16	3.952	877	890	908	rBV	18053	51461	8.85%	1.189%
17	4.267	983	988	990	rBV2	548	462	0.08%	0.011%
18	4.306	997	1000	1004	rBV2	449	329	0.06%	0.008%
19	4.402	1013	1030	1051	rBV2	100990	247879	42.63%	5.729%
20	4.817	1156	1159	1162	rVB2	752	439	0.08%	0.010%
21	4.875	1173	1177	1181	rVB3	556	488	0.08%	0.011%
22	5.097	1227	1246	1272	rBV2	229913	581470	100.00%	13.439%
23	5.376	1330	1333	1335	rBV3	576	407	0.07%	0.009%
24	5.666	1405	1423	1449	rBV	184816	378963	65.17%	8.758%
25	5.952	1503	1512	1518	rBV6	1235	1492	0.26%	0.034%
26	6.013	1527	1531	1535	rBV3	444	483	0.08%	0.011%
27	6.119	1550	1564	1584	rBV	132123	270364	46.50%	6.249%
28	6.331	1625	1630	1631	rBV2	406	302	0.05%	0.007%
29	6.373	1639	1643	1646	rBV3	393	361	0.06%	0.008%
30	6.441	1661	1664	1669	rVB3	619	449	0.08%	0.010%
31	6.672	1731	1736	1738	rBV	457	366	0.06%	0.008%
32	6.817	1779	1781	1784	rBV3	776	443	0.08%	0.010%
33	6.968	1822	1828	1830	rBV2	312	255	0.04%	0.006%
34	7.032	1833	1848	1867	rBV	67712	124686	21.44%	2.882%

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 Title : VOC Analysis

35	7.280	1919	1925	1926	rBV	620	422	0.07%	0.010%
36	7.360	1937	1950	1968	rBV	274100	489294	84.15%	11.308%
37	7.666	2034	2045	2061	rBV2	43462	76252	13.11%	1.762%
38	7.791	2080	2084	2086	rBV2	498	332	0.06%	0.008%
39	8.090	2170	2177	2180	rBV3	563	629	0.11%	0.015%
40	8.142	2181	2193	2218	rBV2	71743	144624	24.87%	3.342%
41	8.434	2281	2284	2290	rBV3	369	398	0.07%	0.009%
42	8.482	2296	2299	2300	rBV	634	275	0.05%	0.006%
43	8.608	2334	2338	2342	rBV2	419	330	0.06%	0.008%
44	8.662	2350	2355	2358	rBV4	598	509	0.09%	0.012%
45	8.897	2415	2428	2454	rBV	263016	446860	76.85%	10.328%
46	9.058	2474	2478	2479	rBV2	658	437	0.08%	0.010%
47	9.109	2492	2494	2498	rVB2	596	310	0.05%	0.007%
48	9.148	2503	2506	2509	rBV2	545	314	0.05%	0.007%
49	9.167	2510	2512	2516	rBV2	449	306	0.05%	0.007%
50	9.248	2531	2537	2540	rBV	580	393	0.07%	0.009%
51	9.270	2540	2544	2548	rVV4	387	372	0.06%	0.009%
52	9.624	2651	2654	2656	rVB	536	298	0.05%	0.007%
53	9.640	2656	2659	2664	rBV	324	319	0.05%	0.007%
54	9.720	2682	2684	2686	rBV	451	270	0.05%	0.006%
55	9.945	2752	2754	2757	rVB2	402	267	0.05%	0.006%
56	9.974	2761	2763	2770	rBV4	435	470	0.08%	0.011%
57	10.023	2775	2778	2781	rVB	542	315	0.05%	0.007%
58	10.058	2784	2789	2794	rVB4	694	686	0.12%	0.016%
59	10.087	2795	2798	2804	rBV	347	276	0.05%	0.006%
60	10.174	2818	2825	2829	rBV4	473	658	0.11%	0.015%
61	10.193	2829	2831	2837	rVB	456	344	0.06%	0.008%
62	10.264	2837	2853	2870	rBV	114135	183145	31.50%	4.233%
63	10.428	2895	2904	2915	rVB6	2122	3533	0.61%	0.082%
64	10.492	2919	2924	2927	rBV2	385	293	0.05%	0.007%
65	10.627	2960	2966	2968	rBV4	621	670	0.12%	0.015%
66	10.666	2975	2978	2983	rBV2	388	378	0.07%	0.009%
67	10.746	3000	3003	3006	rBV	611	371	0.06%	0.009%
68	10.965	3061	3071	3075	rBV3	1305	1850	0.32%	0.043%
69	11.016	3084	3087	3091	rVB3	444	384	0.07%	0.009%
70	11.048	3091	3097	3098	rBV3	319	320	0.06%	0.007%
71	11.193	3132	3142	3148	rVV5	2167	3202	0.55%	0.074%

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72	11.238	3149	3156	3162	rVB5	2400	3008	0.52%	0.070%
73	11.296	3162	3174	3190	rBV	208327	339482	58.38%	7.846%
74	11.572	3257	3260	3261	rBV2	481	257	0.04%	0.006%
75	11.624	3273	3276	3279	rVB2	499	339	0.06%	0.008%
76	11.672	3279	3291	3309	rBV	199264	322233	55.42%	7.447%
77	11.759	3315	3318	3323	rBV3	357	304	0.05%	0.007%
78	11.817	3329	3336	3337	rBV2	403	480	0.08%	0.011%
79	11.833	3337	3341	3348	rVB4	1211	1412	0.24%	0.033%
80	11.865	3348	3351	3352	rBV2	491	302	0.05%	0.007%
81	12.174	3445	3447	3452	rVB2	618	371	0.06%	0.009%
82	12.203	3453	3456	3460	rBV3	401	308	0.05%	0.007%
83	12.286	3478	3482	3483	rBV2	473	327	0.06%	0.008%
84	12.302	3484	3487	3489	rBV2	595	382	0.07%	0.009%
85	12.370	3505	3508	3515	rVB4	691	745	0.13%	0.017%
86	12.408	3515	3520	3523	rBV2	635	512	0.09%	0.012%
87	12.482	3540	3543	3546	rVB3	400	267	0.05%	0.006%
88	12.852	3655	3658	3665	rVB3	502	523	0.09%	0.012%
89	13.029	3711	3713	3717	rBV2	675	428	0.07%	0.010%
90	13.177	3755	3759	3761	rBV	514	289	0.05%	0.007%
91	13.202	3763	3767	3770	rBV3	399	351	0.06%	0.008%
92	13.312	3798	3801	3806	rBV4	646	534	0.09%	0.012%
93	13.534	3867	3870	3873	rBV	515	296	0.05%	0.007%
94	13.649	3904	3906	3910	rVB	498	283	0.05%	0.007%
95	13.698	3918	3921	3923	rBV2	542	298	0.05%	0.007%
96	13.749	3935	3937	3940	rBV2	478	328	0.06%	0.008%
97	13.794	3947	3951	3960	rVB4	4966	6865	1.18%	0.159%
98	13.862	3967	3972	3973	rBV3	459	346	0.06%	0.008%
99	14.334	4114	4119	4123	rBV4	605	686	0.12%	0.016%
100	15.302	4417	4420	4422	rBV2	489	342	0.06%	0.008%

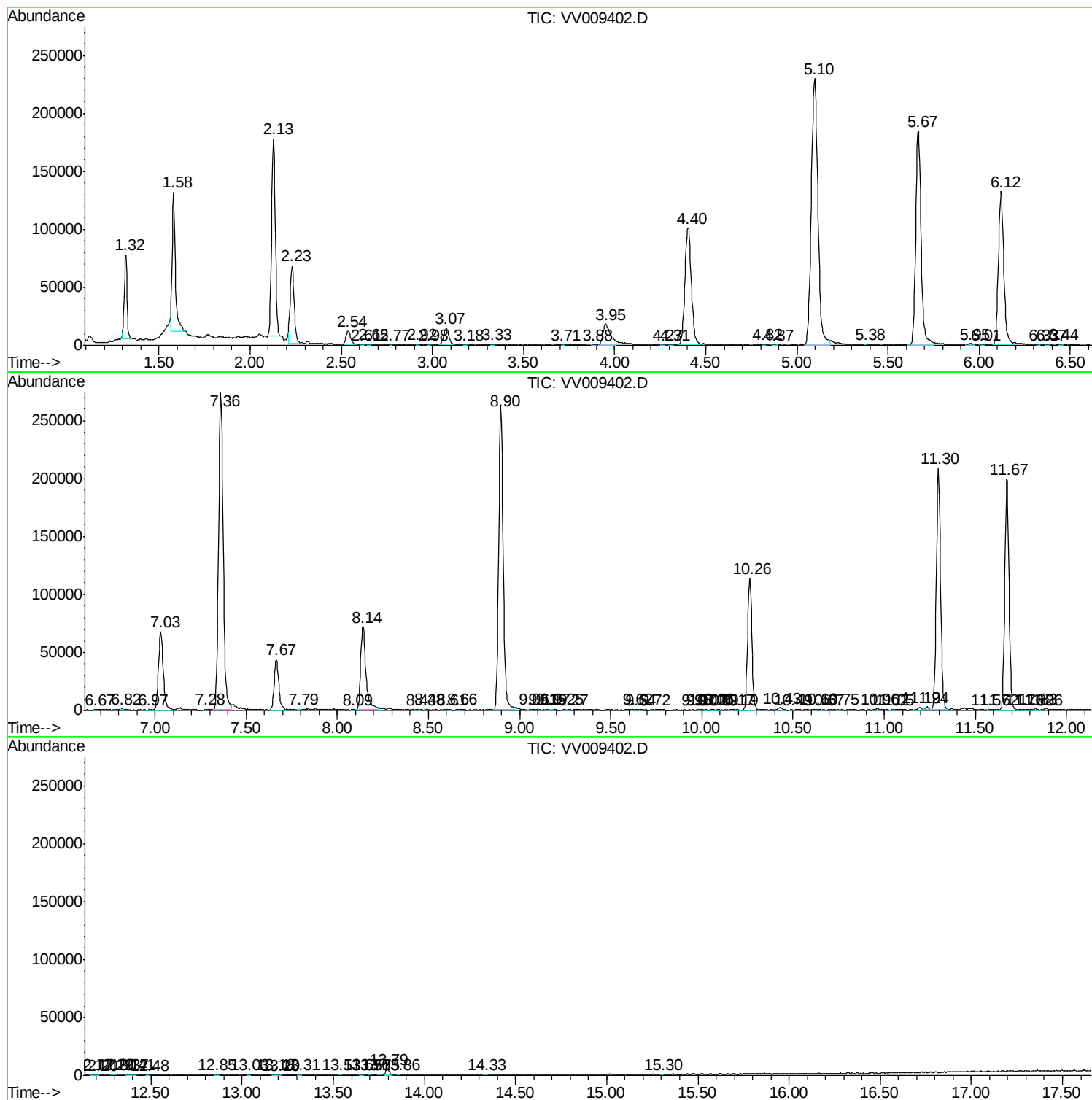
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis

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



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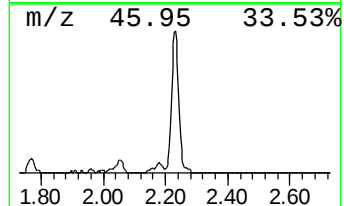
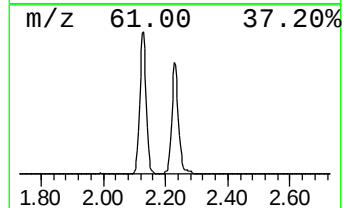
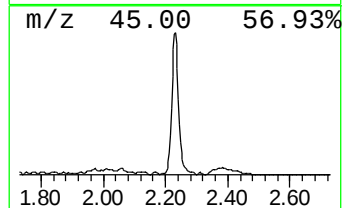
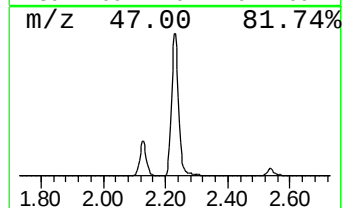
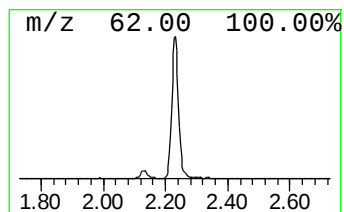
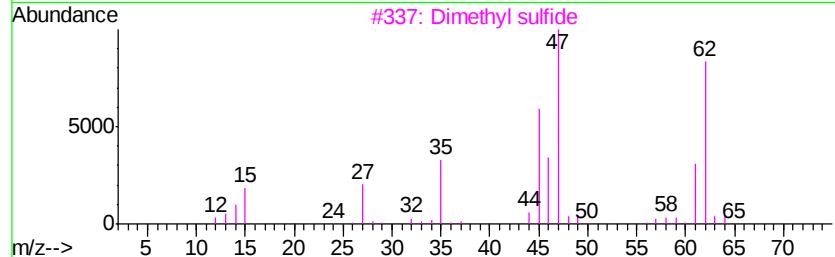
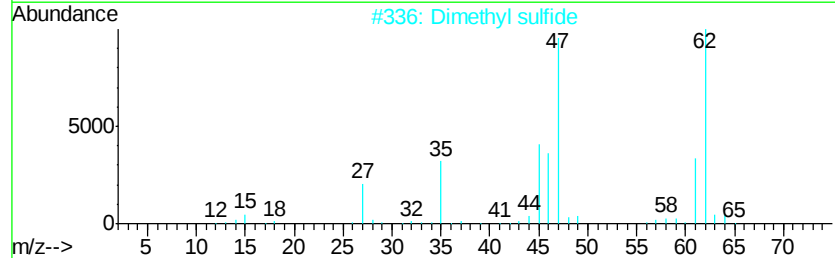
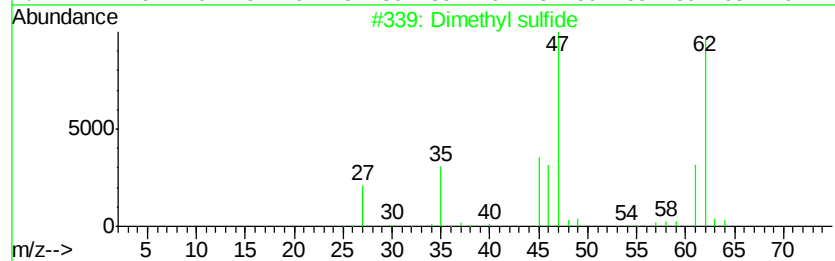
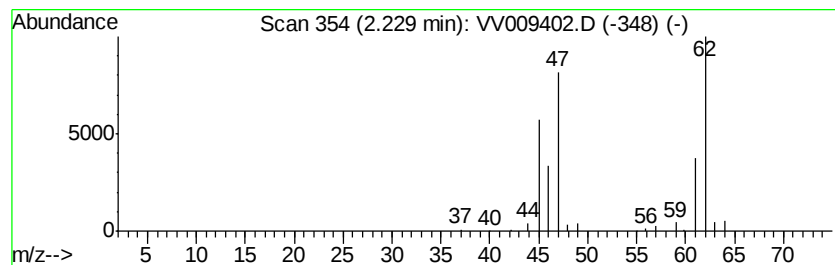
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis

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

Peak Number 1 Dimethyl sulfide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	6.69 ug/L	101423	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl sulfide	62	C2H6S	000075-18-3	91
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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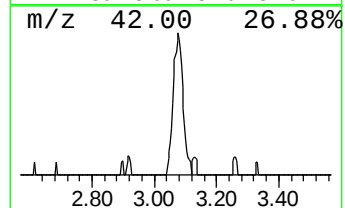
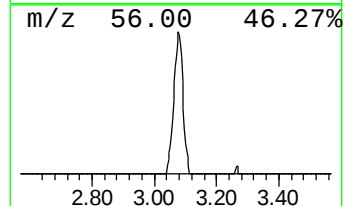
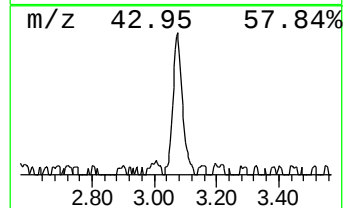
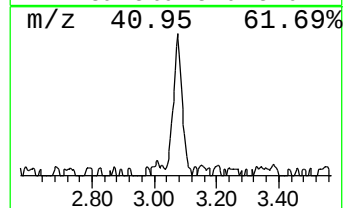
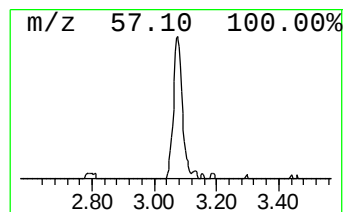
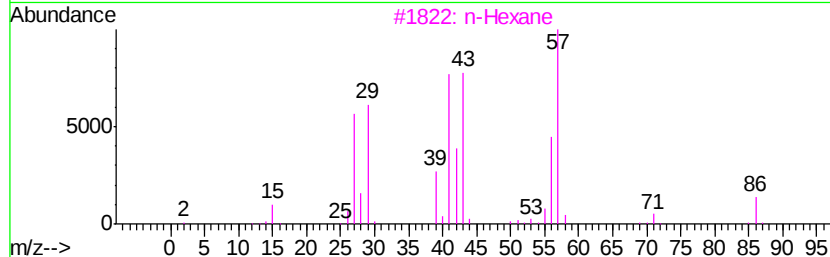
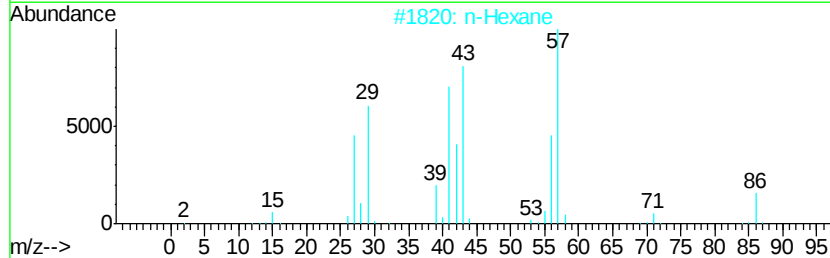
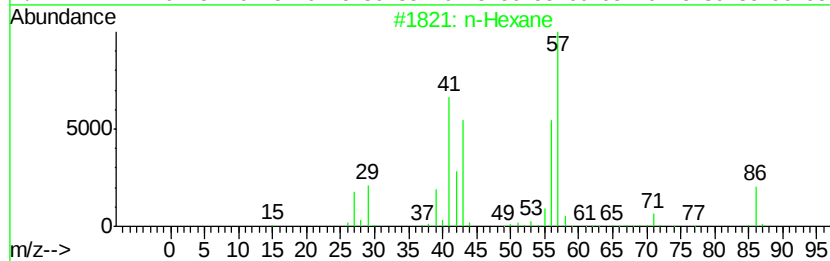
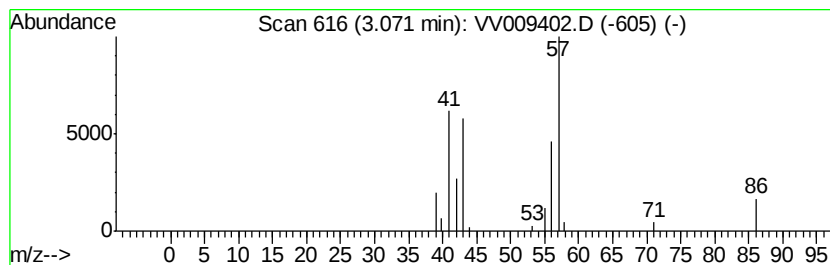
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	1.84 ug/L	27847	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	83
2		n-Hexane	86	C6H14	000110-54-3	80
3		n-Hexane	86	C6H14	000110-54-3	72
4		Cyclobutane	56	C4H8	000287-23-0	38
5		Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	33



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl sulfide	2.23	6.7	ug/L	101423	1	5.67	378963	25.0
(DEL) Alkane: Str...	3.07	1.8	ug/L	27847	1	5.67	378963	25.0