

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022719\
 Data File : VV009398.D
 Acq On : 27 Feb 2019 15:12
 Operator : SY/MD
 Sample : K1626-05
 Misc : 4.89G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF664

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	66	71	84	rVB	63681	64695	12.96%	1.602%
2	1.576	147	151	171	rVB	108701	138301	27.70%	3.424%
3	2.126	314	322	335	rVB	157577	222147	44.49%	5.499%
4	2.228	347	354	367	rVB	66223	99627	19.95%	2.466%
5	2.537	441	450	466	rVB2	9773	19014	3.81%	0.471%
6	2.621	471	476	478	rBV3	575	439	0.09%	0.011%
7	2.749	513	516	519	rBV2	551	517	0.10%	0.013%
8	2.978	582	587	589	rBV3	415	426	0.09%	0.011%
9	3.074	606	617	634	rVB3	13009	26913	5.39%	0.666%
10	3.138	634	637	641	rVB	626	341	0.07%	0.008%
11	3.270	672	678	679	rBV2	489	431	0.09%	0.011%
12	3.441	728	731	735	rBV3	354	278	0.06%	0.007%
13	3.482	742	744	747	rBV2	406	239	0.05%	0.006%
14	3.618	783	786	789	rVB2	365	238	0.05%	0.006%
15	3.695	807	810	815	rVV3	369	355	0.07%	0.009%
16	3.736	819	823	826	rBV2	459	337	0.07%	0.008%
17	3.855	856	860	862	rBV3	725	444	0.09%	0.011%
18	3.900	870	874	876	rBV2	382	293	0.06%	0.007%
19	3.952	878	890	915	rVV2	11504	35849	7.18%	0.887%
20	4.132	943	946	949	rBV3	407	402	0.08%	0.010%
21	4.270	985	989	993	rBV3	476	403	0.08%	0.010%
22	4.402	1013	1030	1050	rBV	88287	211985	42.45%	5.248%
23	4.534	1068	1071	1075	rBV	465	321	0.06%	0.008%
24	4.569	1077	1082	1084	rBV3	490	426	0.09%	0.011%
25	4.679	1114	1116	1121	rVB2	444	304	0.06%	0.008%
26	4.724	1127	1130	1135	rVB3	503	452	0.09%	0.011%
27	4.759	1137	1141	1143	rBV2	538	416	0.08%	0.010%
28	4.810	1155	1157	1161	rVB2	455	252	0.05%	0.006%
29	4.894	1179	1183	1185	rVB	469	283	0.06%	0.007%
30	4.981	1204	1210	1212	rBV2	432	407	0.08%	0.010%
31	5.097	1227	1246	1271	rBV4	195345	494096	98.95%	12.232%
32	5.347	1321	1324	1325	rBV2	470	256	0.05%	0.006%
33	5.595	1397	1401	1404	rBV	302	318	0.06%	0.008%
34	5.662	1409	1422	1448	rBV	203222	420143	84.14%	10.401%

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 Title : VOC Analysis

35	5.916	1497	1501	1503	rVB	428	295	0.06%	0.007%
36	5.955	1511	1513	1517	rBV3	436	337	0.07%	0.008%
37	6.032	1535	1537	1539	rBV2	408	241	0.05%	0.006%
38	6.048	1539	1542	1545	rVB3	546	414	0.08%	0.010%
39	6.119	1551	1564	1582	rBV2	109970	222999	44.66%	5.520%
40	6.437	1658	1663	1665	rBV2	322	259	0.05%	0.006%
41	6.817	1777	1781	1783	rBV3	799	641	0.13%	0.016%
42	7.029	1836	1847	1867	rBV	63132	114354	22.90%	2.831%
43	7.125	1875	1877	1880	rVB3	547	290	0.06%	0.007%
44	7.158	1885	1887	1890	rVB2	558	334	0.07%	0.008%
45	7.190	1894	1897	1901	rBV	417	238	0.05%	0.006%
46	7.215	1901	1905	1913	rVB4	759	851	0.17%	0.021%
47	7.270	1918	1922	1925	rBV3	377	307	0.06%	0.008%
48	7.305	1925	1933	1937	rBV4	867	1051	0.21%	0.026%
49	7.360	1937	1950	1971	rBV	241341	428937	85.90%	10.619%
50	7.608	2026	2027	2031	rBV2	354	245	0.05%	0.006%
51	7.666	2034	2045	2061	rBV2	39125	67607	13.54%	1.674%
52	7.791	2080	2084	2085	rBV2	444	292	0.06%	0.007%
53	7.990	2138	2146	2148	rBV6	537	702	0.14%	0.017%
54	8.138	2181	2192	2211	rBV2	48082	92872	18.60%	2.299%
55	8.492	2298	2302	2307	rVB3	923	916	0.18%	0.023%
56	8.604	2333	2337	2344	rVB3	456	479	0.10%	0.012%
57	8.714	2367	2371	2374	rBV2	382	368	0.07%	0.009%
58	8.739	2377	2379	2384	rVB	404	235	0.05%	0.006%
59	8.775	2384	2390	2397	rVB	480	396	0.08%	0.010%
60	8.897	2415	2428	2449	rBV	296607	499342	100.00%	12.362%
61	9.106	2489	2493	2495	rBV2	537	350	0.07%	0.009%
62	9.119	2495	2497	2499	rVV3	413	230	0.05%	0.006%
63	9.148	2503	2506	2511	rBV2	473	375	0.08%	0.009%
64	9.183	2514	2517	2519	rBV	631	440	0.09%	0.011%
65	9.270	2542	2544	2548	rBV2	430	371	0.07%	0.009%
66	9.592	2639	2644	2645	rBV3	497	377	0.08%	0.009%
67	9.804	2706	2710	2712	rBV	433	342	0.07%	0.008%
68	9.852	2719	2725	2726	rBV	381	235	0.05%	0.006%
69	9.926	2746	2748	2751	rBV	487	277	0.06%	0.007%
70	9.971	2756	2762	2764	rBV3	467	415	0.08%	0.010%
71	10.119	2806	2808	2813	rVB3	364	245	0.05%	0.006%

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 Title : VOC Analysis

72	10.183	2824	2828	2832	rBV2	621	607	0.12%	0.015%
73	10.264	2840	2853	2874	rVB	85803	135617	27.16%	3.357%
74	10.344	2876	2878	2882	rBV2	482	453	0.09%	0.011%
75	10.428	2896	2904	2913	rVB6	2342	3680	0.74%	0.091%
76	10.498	2921	2926	2928	rBV2	411	297	0.06%	0.007%
77	10.569	2944	2948	2949	rBV2	306	229	0.05%	0.006%
78	10.611	2956	2961	2964	rBV4	306	338	0.07%	0.008%
79	10.817	3023	3025	3030	rVB2	322	260	0.05%	0.006%
80	11.080	3104	3107	3111	rBV3	785	573	0.11%	0.014%
81	11.296	3163	3174	3192	rBV	248665	407068	81.52%	10.077%
82	11.418	3207	3212	3214	rBV2	413	342	0.07%	0.008%
83	11.444	3214	3220	3224	rVV5	1274	1370	0.27%	0.034%
84	11.675	3280	3292	3306	rVV	179443	295590	59.20%	7.318%
85	11.794	3326	3329	3333	rBV3	386	313	0.06%	0.008%
86	11.884	3352	3357	3365	rBV4	871	1065	0.21%	0.026%
87	12.022	3395	3400	3401	rBV3	530	455	0.09%	0.011%
88	12.186	3445	3451	3456	rBV3	384	434	0.09%	0.011%
89	12.405	3516	3519	3520	rBV2	453	257	0.05%	0.006%
90	12.646	3591	3594	3595	rBV	426	235	0.05%	0.006%
91	12.836	3648	3653	3657	rBV3	539	431	0.09%	0.011%
92	13.093	3728	3733	3737	rBV3	580	555	0.11%	0.014%
93	13.193	3759	3764	3767	rBV3	426	358	0.07%	0.009%
94	13.334	3806	3808	3812	rVB	449	352	0.07%	0.009%
95	13.360	3812	3816	3818	rBV2	473	418	0.08%	0.010%
96	13.607	3889	3893	3894	rBV	380	283	0.06%	0.007%
97	13.797	3945	3952	3962	rVB3	5079	7037	1.41%	0.174%
98	14.199	4074	4077	4079	rBV2	407	282	0.06%	0.007%
99	14.257	4093	4095	4097	rBV2	501	259	0.05%	0.006%
100	15.247	4401	4403	4405	rBV2	594	325	0.07%	0.008%

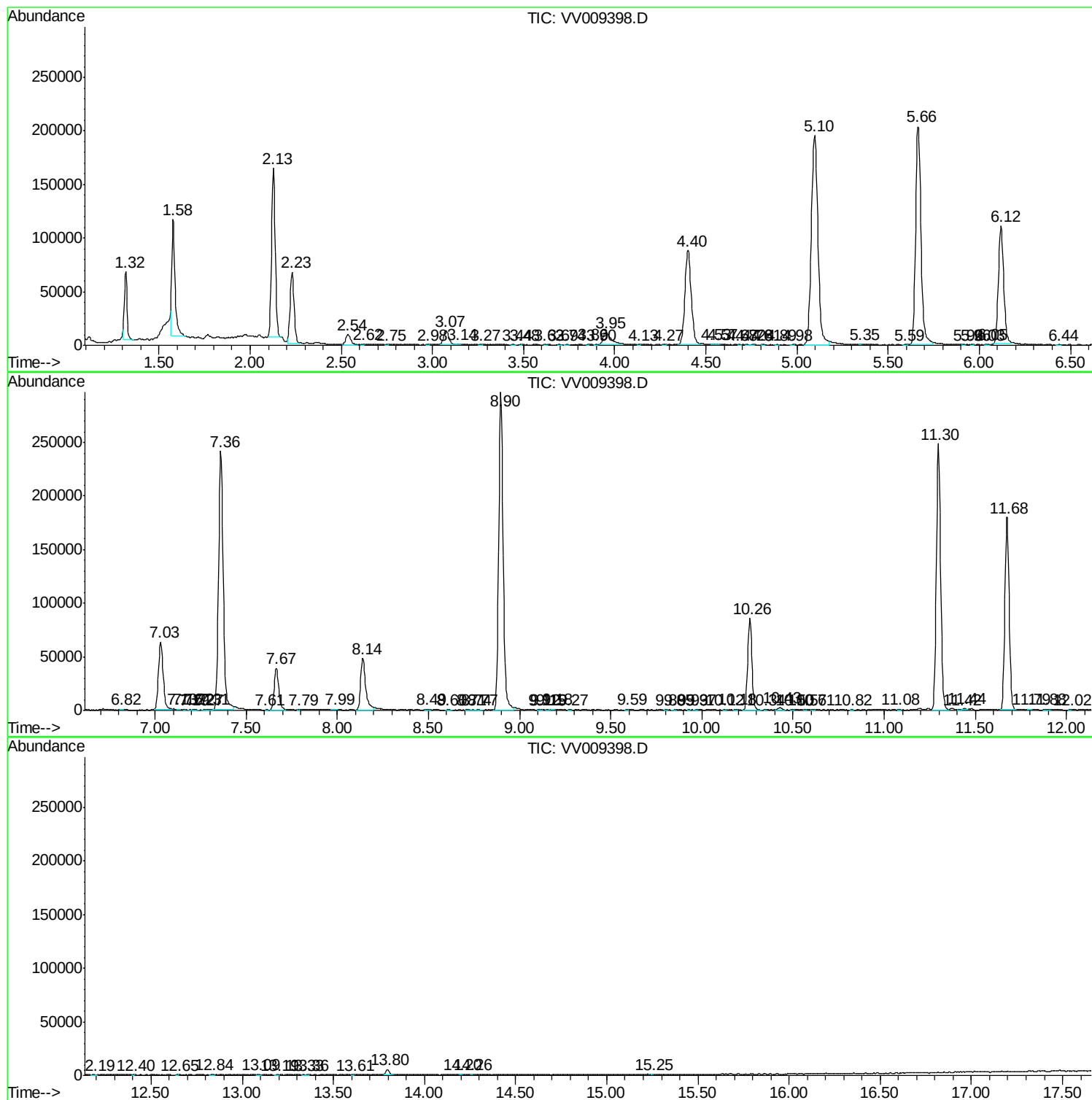
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis

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



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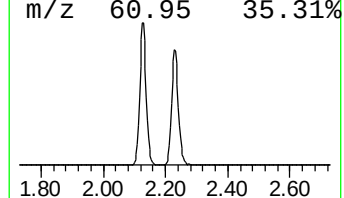
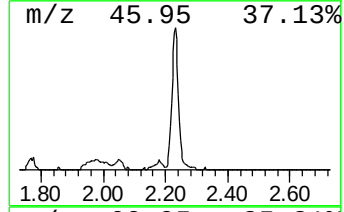
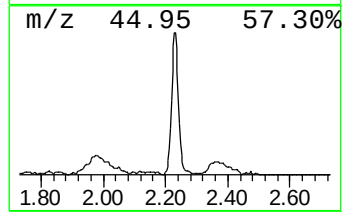
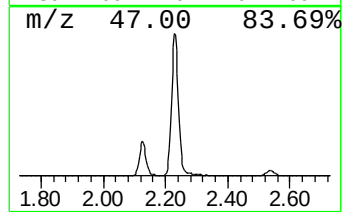
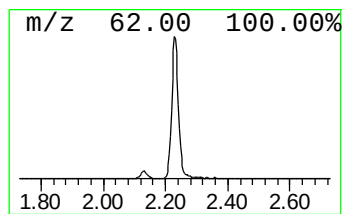
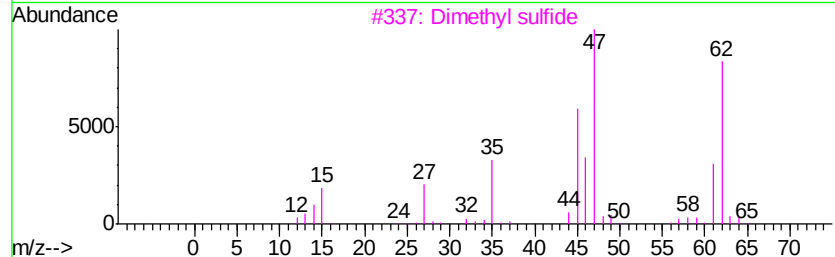
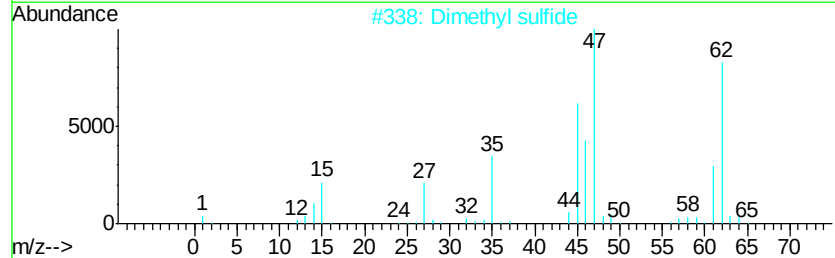
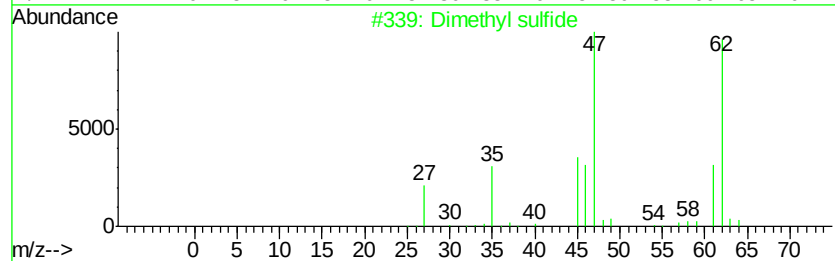
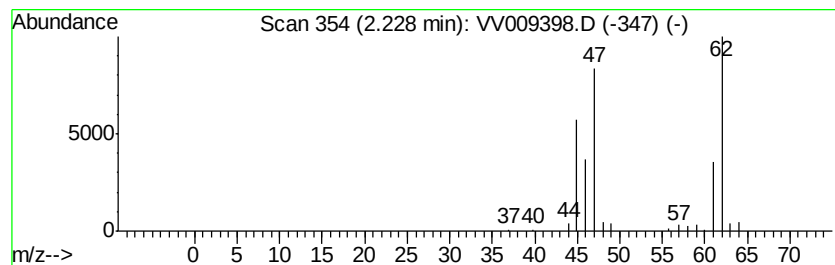
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis

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	5.93 ug/L	99627	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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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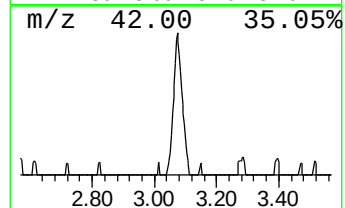
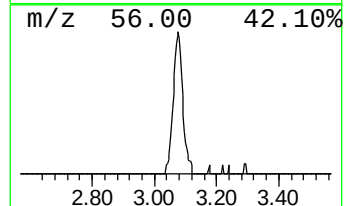
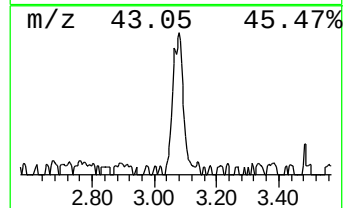
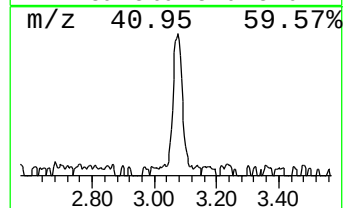
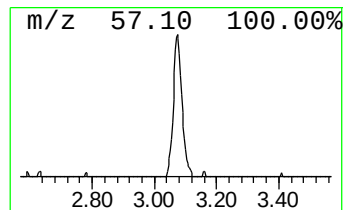
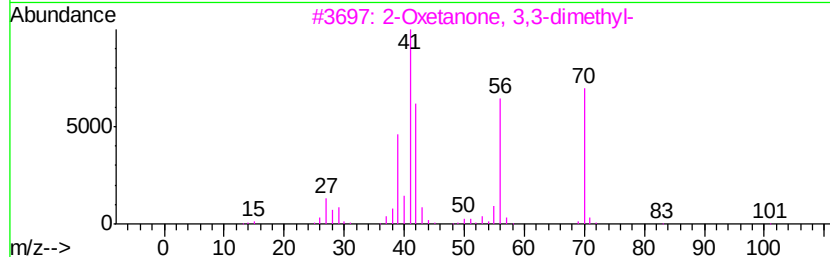
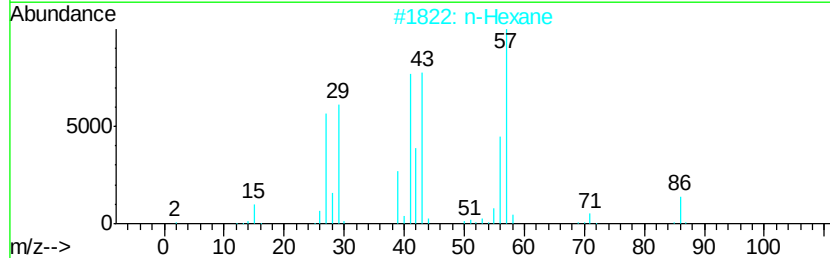
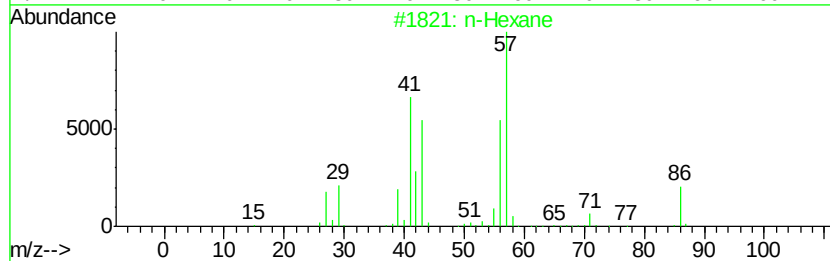
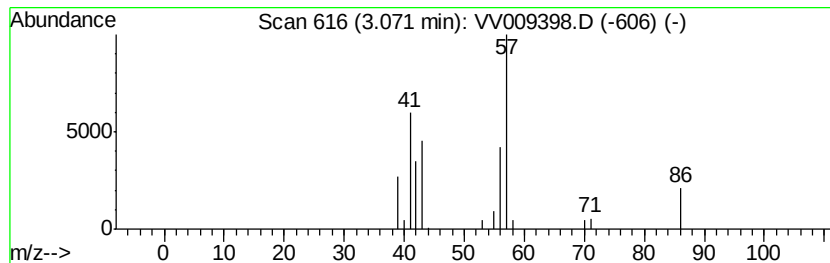
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	1.60 ug/L	26913	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	90
2		n-Hexane	86	C6H14	000110-54-3	56
3		2-Oxetanone, 3,3-dimethyl-	100	C5H8O2	001955-45-9	32
4		n-Hexane	86	C6H14	000110-54-3	12
5		Butanal, 2-methyl-	86	C5H10O	000096-17-3	9



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl sulfide	2.23	5.9	ug/L	99627	1	5.67	420143	25.0
(DEL) Alkane: Str...	3.07	1.6	ug/L	26913	1	5.67	420143	25.0