

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092619\
 Data File : VV012997.D
 Acq On : 26 Sep 2019 14:03
 Operator : SY/MD
 Sample : K4988-03RE
 Misc : 5.01G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNY6RE

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\SOM2VLM092319S.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	64	71	90	rVB	286423	316273	14.40%	2.073%
2	1.582	146	153	171	rVB	272594	313262	14.26%	2.053%
3	2.129	313	323	344	rBV	491381	705589	32.12%	4.625%
4	2.232	346	355	368	rVB	190225	289797	13.19%	1.900%
5	2.537	441	450	465	rVB3	24143	42089	1.92%	0.276%
6	2.592	465	467	470	rBV3	1281	584	0.03%	0.004%
7	2.704	499	502	506	rBV5	969	809	0.04%	0.005%
8	2.756	516	518	522	rVB3	862	571	0.03%	0.004%
9	2.782	522	526	531	rBV6	653	635	0.03%	0.004%
10	2.913	563	567	571	rBV5	796	586	0.03%	0.004%
11	2.991	586	591	595	rBV5	792	761	0.03%	0.005%
12	3.074	607	617	629	rBV4	8452	17425	0.79%	0.114%
13	3.148	636	640	648	rBV6	940	915	0.04%	0.006%
14	3.225	659	664	667	rBV4	905	802	0.04%	0.005%
15	3.325	692	695	701	rBV3	582	581	0.03%	0.004%
16	3.483	740	744	748	rBV3	772	673	0.03%	0.004%
17	3.782	833	837	842	rVB3	622	590	0.03%	0.004%
18	3.955	878	891	932	rBV2	55026	219882	10.01%	1.441%
19	4.399	1011	1029	1059	rBV	374541	919063	41.83%	6.025%
20	4.724	1126	1130	1132	rBV4	1319	904	0.04%	0.006%
21	4.765	1141	1143	1150	rVB6	1184	930	0.04%	0.006%
22	4.801	1150	1154	1157	rBV3	792	686	0.03%	0.004%
23	4.875	1174	1177	1179	rBV2	943	552	0.03%	0.004%
24	4.942	1194	1198	1202	rBV4	921	969	0.04%	0.006%
25	5.093	1226	1245	1289	rBV2	874095	2196936	100.00%	14.401%
26	5.373	1329	1332	1336	rVB4	1262	955	0.04%	0.006%
27	5.399	1336	1340	1348	rBV6	1121	1272	0.06%	0.008%
28	5.518	1372	1377	1379	rBV3	1367	1293	0.06%	0.008%
29	5.663	1407	1422	1449	rBV	755019	1488326	67.75%	9.756%
30	5.945	1500	1510	1532	rVB2	25785	55359	2.52%	0.363%
31	6.032	1532	1537	1540	rBV4	764	967	0.04%	0.006%
32	6.116	1547	1563	1585	rBV	523221	1066668	48.55%	6.992%
33	6.360	1637	1639	1645	rVB5	951	928	0.04%	0.006%
34	6.447	1662	1666	1668	rBV4	686	547	0.02%	0.004%

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 Title : VOC Analysis

35	6.585	1705	1709	1712	rVB3	678	552	0.03%	0.004%
36	6.646	1725	1728	1730	rBV3	829	562	0.03%	0.004%
37	6.695	1741	1743	1747	rVB2	889	568	0.03%	0.004%
38	6.781	1765	1770	1773	rBV4	1198	1104	0.05%	0.007%
39	6.804	1773	1777	1778	rBV2	834	564	0.03%	0.004%
40	7.029	1834	1847	1869	rBV2	199874	369126	16.80%	2.420%
41	7.187	1891	1896	1900	rVB5	1379	1551	0.07%	0.010%
42	7.251	1913	1916	1919	rVB4	1065	668	0.03%	0.004%
43	7.357	1935	1949	1968	rBV	909712	1571591	71.54%	10.302%
44	7.662	2033	2044	2069	rBV	144446	250345	11.40%	1.641%
45	7.794	2079	2085	2087	rBV5	1064	986	0.04%	0.006%
46	7.884	2111	2113	2122	rVB7	1959	2068	0.09%	0.014%
47	7.978	2137	2142	2149	rVB2	5122	6463	0.29%	0.042%
48	8.138	2181	2192	2228	rBV3	200897	486607	22.15%	3.190%
49	8.453	2288	2290	2295	rVB3	1133	924	0.04%	0.006%
50	8.486	2295	2300	2301	rBV5	1200	803	0.04%	0.005%
51	8.733	2374	2377	2383	rVB4	711	766	0.03%	0.005%
52	8.894	2414	2427	2452	rBV	1016827	1672238	76.12%	10.962%
53	9.106	2490	2493	2495	rBV3	781	565	0.03%	0.004%
54	9.187	2511	2518	2521	rBV6	2415	2999	0.14%	0.020%
55	9.280	2545	2547	2552	rVB4	1034	721	0.03%	0.005%
56	9.305	2552	2555	2560	rVB5	949	915	0.04%	0.006%
57	9.357	2569	2571	2575	rVB3	953	658	0.03%	0.004%
58	9.437	2593	2596	2600	rBV4	810	644	0.03%	0.004%
59	9.511	2617	2619	2625	rVB5	1075	838	0.04%	0.005%
60	9.579	2635	2640	2641	rBV2	1669	1341	0.06%	0.009%
61	9.736	2687	2689	2691	rBV3	951	576	0.03%	0.004%
62	9.749	2691	2693	2698	rVV3	851	776	0.04%	0.005%
63	9.775	2698	2701	2710	rVB7	821	994	0.05%	0.007%
64	9.839	2716	2721	2726	rBV6	1597	1989	0.09%	0.013%
65	9.891	2733	2737	2738	rBV2	859	560	0.03%	0.004%
66	9.939	2747	2752	2755	rBV5	1509	1575	0.07%	0.010%
67	10.061	2786	2790	2797	rBV3	1819	2492	0.11%	0.016%
68	10.257	2838	2851	2872	rVV	435617	687708	31.30%	4.508%
69	10.421	2893	2902	2911	rVB2	9398	15492	0.71%	0.102%
70	10.521	2929	2933	2936	rBV4	973	884	0.04%	0.006%
71	10.585	2951	2953	2958	rVV3	1393	1010	0.05%	0.007%

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72	10.617	2958	2963	2974	rVV6	2682	4704	0.21%	0.031%
73	10.778	3006	3013	3018	rBV6	818	1005	0.05%	0.007%
74	10.884	3042	3046	3048	rBV2	971	684	0.03%	0.004%
75	10.981	3062	3076	3088	rBV2	28784	48482	2.21%	0.318%
76	11.051	3095	3098	3101	rBV5	778	685	0.03%	0.004%
77	11.183	3135	3139	3140	rBV2	1463	920	0.04%	0.006%
78	11.235	3152	3155	3159	rVB4	1802	1337	0.06%	0.009%
79	11.293	3160	3173	3194	rBV	734822	1158235	52.72%	7.592%
80	11.466	3223	3227	3236	rVB7	2279	2975	0.14%	0.020%
81	11.575	3259	3261	3263	rBV2	919	601	0.03%	0.004%
82	11.669	3277	3290	3313	rBV	661860	1045377	47.58%	6.853%
83	11.884	3350	3357	3359	rBV7	1639	1487	0.07%	0.010%
84	12.038	3397	3405	3409	rVB6	1207	1584	0.07%	0.010%
85	12.067	3409	3414	3418	rBV5	702	745	0.03%	0.005%
86	12.292	3474	3484	3497	rVB3	5488	10116	0.46%	0.066%
87	12.344	3497	3500	3504	rBV2	901	638	0.03%	0.004%
88	12.402	3512	3518	3519	rBV3	2038	1619	0.07%	0.011%
89	12.694	3606	3609	3616	rBV5	680	883	0.04%	0.006%
90	12.746	3622	3625	3628	rVB3	751	568	0.03%	0.004%
91	12.765	3628	3631	3634	rBV2	856	629	0.03%	0.004%
92	12.874	3662	3665	3669	rVB2	897	627	0.03%	0.004%
93	13.132	3741	3745	3749	rBV4	905	686	0.03%	0.004%
94	13.209	3757	3769	3789	rBV3	113464	203657	9.27%	1.335%
95	13.498	3855	3859	3862	rVV4	1020	973	0.04%	0.006%
96	13.791	3942	3950	3957	rBV	14091	19597	0.89%	0.128%
97	14.083	4036	4041	4046	rBV6	2649	3262	0.15%	0.021%
98	14.228	4082	4086	4094	rVB6	2461	3184	0.14%	0.021%
99	14.550	4184	4186	4190	rBV4	1311	745	0.03%	0.005%
100	14.768	4252	4254	4258	rBV4	862	756	0.03%	0.005%

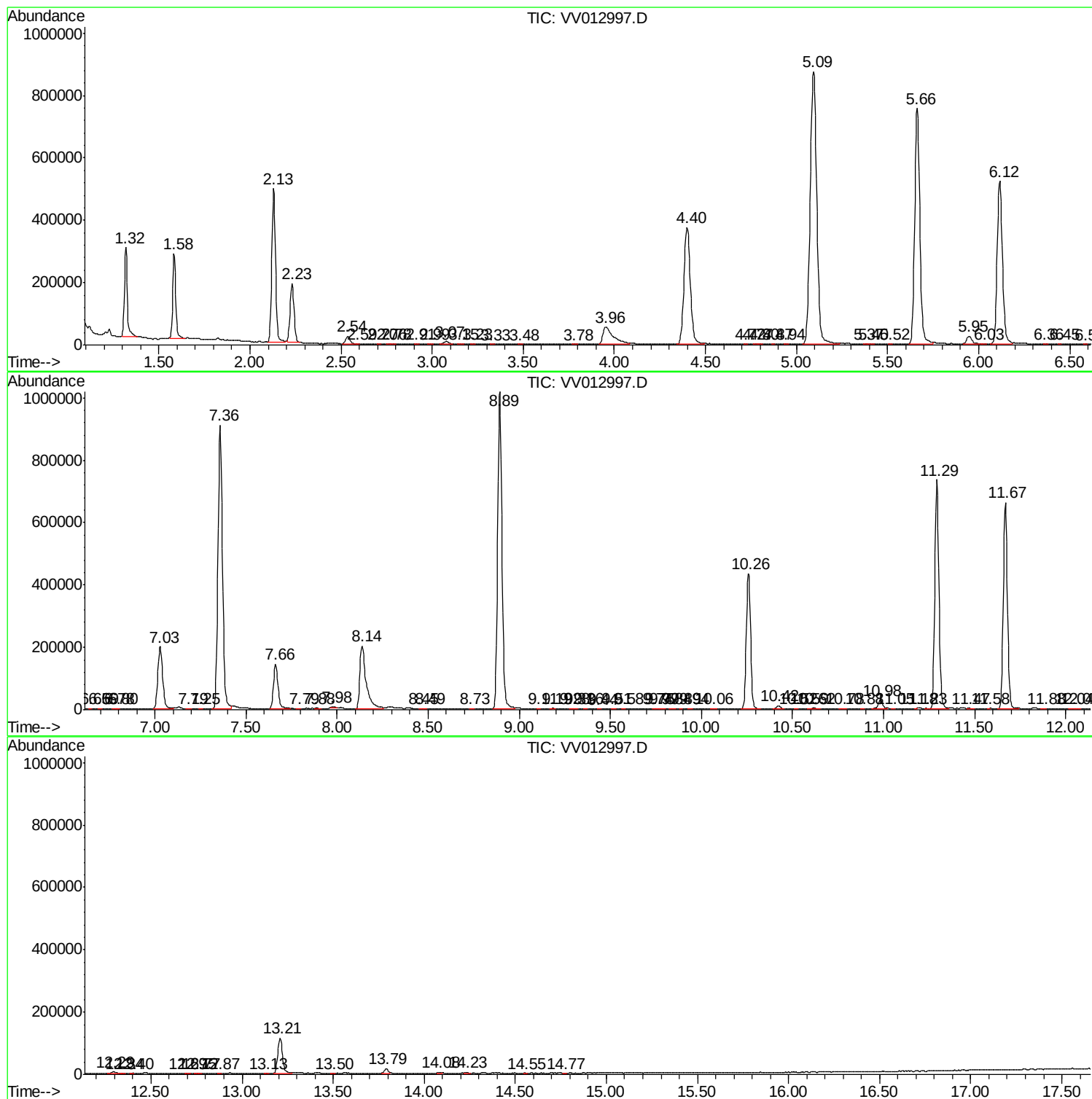
Sum of corrected areas: 15255163

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis

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



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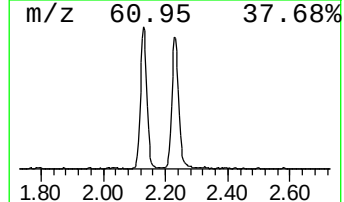
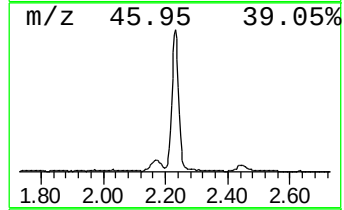
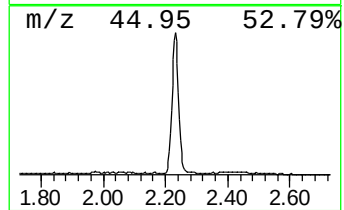
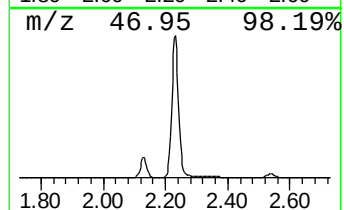
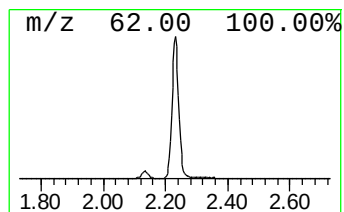
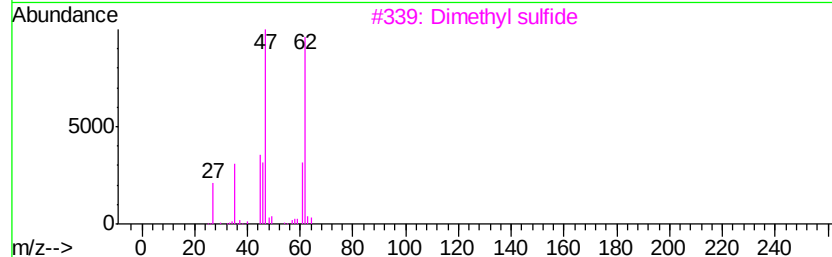
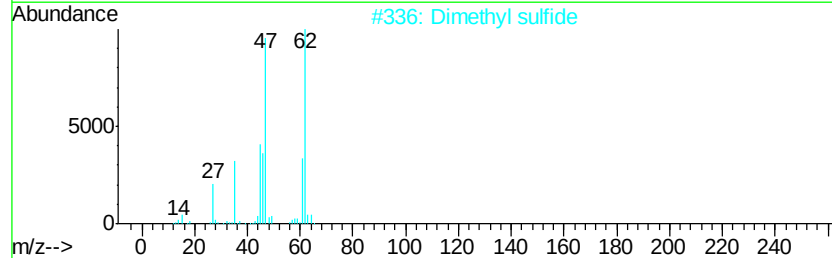
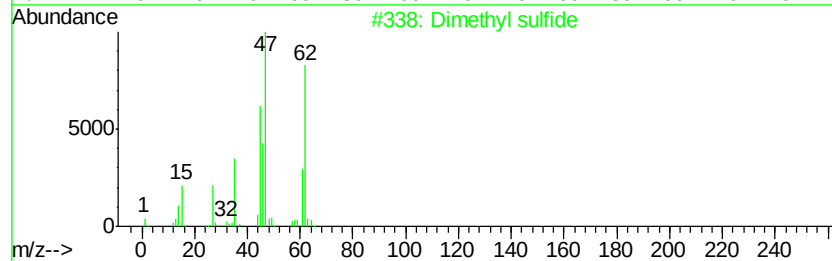
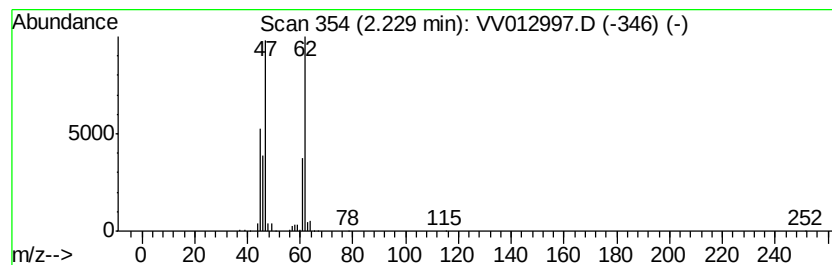
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis

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	4.87 ug/L	289797	1,4-Difluorobenzene	5.66

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	94
3		Dimethyl sulfide	62	C2H6S	000075-18-3	94
4		Dimethyl sulfide	62	C2H6S	000075-18-3	91
5		Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	90



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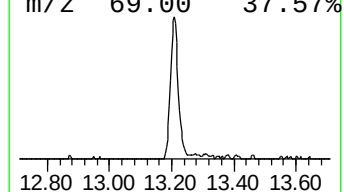
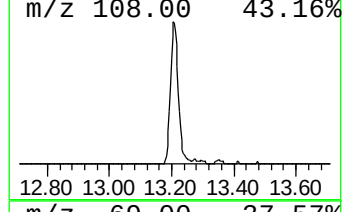
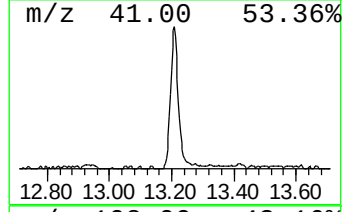
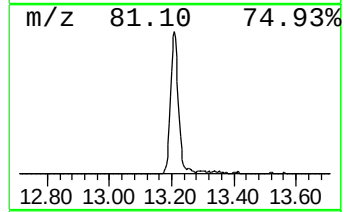
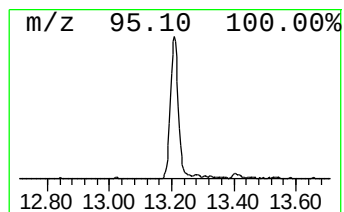
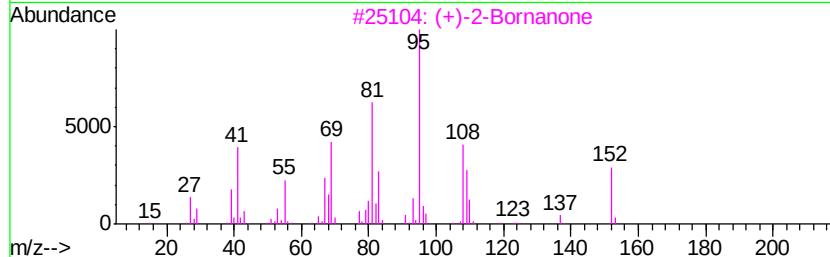
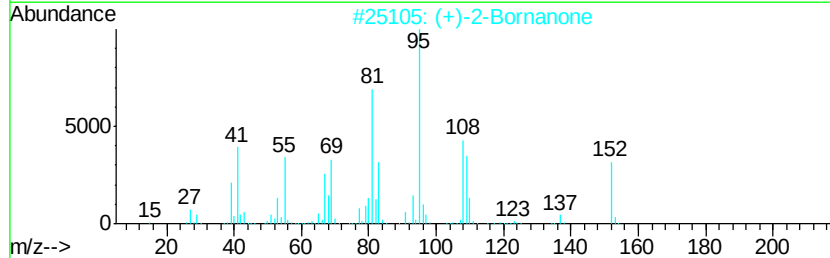
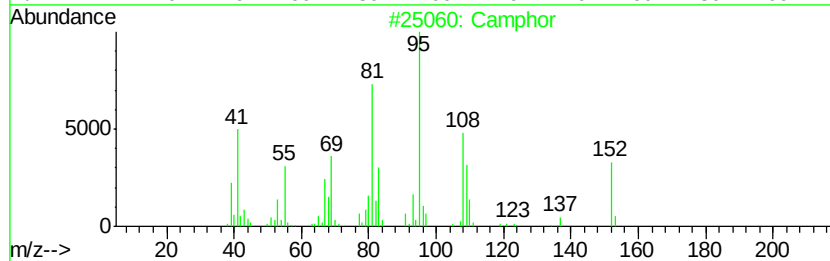
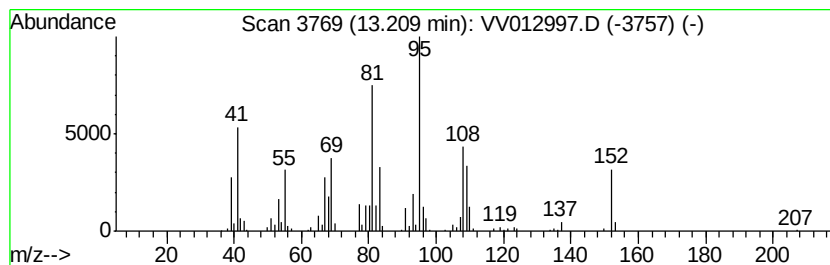
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Camphor Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	4.40 ug/L	203657	1,4-Dichlorobenzene-d4	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Camphor		152 C10H16O	000076-22-2 98
2	(+)-2-Bornanone		152 C10H16O	000464-49-3 98
3	(+)-2-Bornanone		152 C10H16O	000464-49-3 98
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...		152 C10H16O	000464-48-2 97
5	Camphor		152 C10H16O	000076-22-2 97



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl sulfide	2.23	4.9	ug/L	289797	1	5.66	1488330	25.0
Camphor	13.21	4.4	ug/L	203657	3	11.29	1158240	25.0