

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022024\
 Data File : VU057893.D
 Acq On : 20 Feb 2024 11:29
 Operator : MD/SY
 Sample : P1496-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA05

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_U\Method\SFAMULM021924WMA.M
 Title : VOC Analysis

Signal : TIC: VU057893.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.351	14	19	33	rVB	20036	22298	2.29%	0.270%
2	1.595	86	95	107	rVB	137957	167935	17.27%	2.036%
3	1.653	109	113	117	rBV	3688	3590	0.37%	0.044%
4	1.724	130	135	139	rBV2	5138	5408	0.56%	0.066%
5	1.882	176	184	203	rVB	93325	137271	14.11%	1.664%
6	2.184	272	278	288	rVB	8703	12467	1.28%	0.151%
7	2.303	307	315	323	rBV6	4633	7441	0.77%	0.090%
8	2.554	380	393	406	rBV	205374	334615	34.40%	4.056%
9	2.615	407	412	426	rVB	6711	11444	1.18%	0.139%
10	2.724	444	446	450	rBV2	431	327	0.03%	0.004%
11	2.782	457	464	467	rBV2	682	958	0.10%	0.012%
12	3.030	528	541	551	rBV3	3330	6052	0.62%	0.073%
13	3.068	551	553	561	rVB2	945	953	0.10%	0.012%
14	3.113	564	567	571	rVB2	444	392	0.04%	0.005%
15	3.168	571	584	593	rBV8	2478	6470	0.67%	0.078%
16	3.229	598	603	614	rVB4	789	1333	0.14%	0.016%
17	3.341	630	638	641	rBV4	848	1031	0.11%	0.012%
18	3.550	696	703	706	rBV2	339	411	0.04%	0.005%
19	3.682	737	744	753	rVV3	1426	2541	0.26%	0.031%
20	3.775	768	773	779	rBV2	292	430	0.04%	0.005%
21	3.907	809	814	816	rVV3	703	623	0.06%	0.008%
22	4.184	894	900	902	rBV	327	315	0.03%	0.004%
23	4.197	902	904	911	rVB2	351	322	0.03%	0.004%
24	4.274	924	928	936	rBV2	307	512	0.05%	0.006%
25	4.608	1021	1032	1071	rBV	68487	182939	18.81%	2.217%
26	4.814	1093	1096	1107	rVB3	531	634	0.07%	0.008%
27	5.049	1153	1169	1199	rBV	165447	369072	37.95%	4.473%
28	5.206	1215	1218	1222	rVB2	689	541	0.06%	0.007%
29	5.322	1244	1254	1258	rBV4	1850	3155	0.32%	0.038%
30	5.380	1268	1272	1277	rVB4	740	754	0.08%	0.009%
31	5.711	1355	1375	1403	rBV2	359364	972638	100.00%	11.789%
32	5.824	1408	1410	1419	rVB3	665	685	0.07%	0.008%
33	6.238	1526	1539	1567	rBV	360659	694966	71.45%	8.424%
34	6.547	1621	1635	1662	rBV2	33280	112472	11.56%	1.363%
35	6.679	1664	1676	1698	rVB	219860	435736	44.80%	5.281%
36	6.994	1771	1774	1778	rVB3	484	399	0.04%	0.005%

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 Title : VOC Analysis

37	7.110	1808	1810	1820	rVB4	323	323	0.03%	0.004%
38	7.190	1829	1835	1837	rBV4	798	870	0.09%	0.011%
39	7.386	1893	1896	1903	rBV	269	328	0.03%	0.004%
40	7.467	1914	1921	1924	rBV2	307	392	0.04%	0.005%
41	7.557	1937	1949	1974	rVV	124105	222281	22.85%	2.694%
42	7.791	2013	2022	2023	rBV	805	682	0.07%	0.008%
43	7.888	2040	2052	2074	rBV	440726	772825	79.46%	9.367%
44	8.171	2129	2140	2160	rBV	82768	142852	14.69%	1.731%
45	8.418	2212	2217	2221	rBV2	541	508	0.05%	0.006%
46	8.460	2225	2230	2238	rBV3	607	754	0.08%	0.009%
47	8.627	2271	2282	2323	rBV	229909	472567	48.59%	5.728%
48	8.791	2324	2333	2348	rVB6	6023	12796	1.32%	0.155%
49	9.409	2510	2525	2559	rBV	499591	850260	87.42%	10.306%
50	9.688	2607	2612	2613	rBV2	1735	1212	0.12%	0.015%
51	9.881	2665	2672	2676	rBV2	348	470	0.05%	0.006%
52	10.100	2735	2740	2744	rBV3	1034	1281	0.13%	0.016%
53	10.357	2813	2820	2821	rBV4	953	869	0.09%	0.011%
54	10.473	2853	2856	2861	rBV3	301	404	0.04%	0.005%
55	10.749	2928	2942	2961	rBV	271173	446691	45.93%	5.414%
56	10.894	2985	2987	2989	rVV	660	371	0.04%	0.004%
57	10.920	2992	2995	3002	rVB3	369	382	0.04%	0.005%
58	11.003	3013	3021	3023	rBV2	914	1066	0.11%	0.013%
59	11.087	3038	3047	3052	rBV5	1778	2685	0.28%	0.033%
60	11.293	3105	3111	3117	rVB4	688	1002	0.10%	0.012%
61	11.466	3156	3165	3176	rVB	5593	7851	0.81%	0.095%
62	11.634	3212	3217	3224	rVV2	399	547	0.06%	0.007%
63	11.701	3232	3238	3245	rBV6	849	1222	0.13%	0.015%
64	11.807	3259	3271	3289	rBV	507906	841272	86.49%	10.197%
65	12.071	3341	3353	3366	rBV3	8786	22483	2.31%	0.273%
66	12.187	3377	3389	3413	rVB	410916	684797	70.41%	8.300%
67	12.315	3426	3429	3433	rBV5	558	563	0.06%	0.007%
68	12.376	3441	3448	3456	rVB5	1510	2135	0.22%	0.026%
69	12.463	3470	3475	3479	rBV2	859	1017	0.10%	0.012%
70	12.569	3501	3508	3515	rBV3	1553	2295	0.24%	0.028%
71	12.675	3534	3541	3543	rBV4	1519	1629	0.17%	0.020%
72	12.891	3594	3608	3616	rBV8	2550	5406	0.56%	0.066%
73	12.968	3629	3632	3640	rVV3	1153	1419	0.15%	0.017%
74	13.026	3640	3650	3657	rVV3	1950	2969	0.31%	0.036%
75	13.129	3678	3682	3686	rVB5	502	469	0.05%	0.006%
76	13.216	3707	3709	3716	rVV3	649	716	0.07%	0.009%

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77	13.290	3725	3732	3747	rVB3	4901	6826	0.70%	0.083%
78	13.402	3760	3767	3772	rBV4	734	1104	0.11%	0.013%
79	13.447	3772	3781	3795	rVB3	14481	24084	2.48%	0.292%
80	13.618	3822	3834	3850	rBV	44255	69170	7.11%	0.838%
81	13.727	3864	3868	3874	rBV4	580	705	0.07%	0.009%
82	13.778	3876	3884	3893	rVB4	3325	5076	0.52%	0.062%
83	13.839	3893	3903	3912	rBV5	10200	16532	1.70%	0.200%
84	13.933	3929	3932	3939	rVB3	3214	3411	0.35%	0.041%
85	14.013	3951	3957	3963	rVB5	1633	1753	0.18%	0.021%
86	14.087	3971	3980	3995	rVV	16545	29298	3.01%	0.355%
87	14.187	4003	4011	4020	rVB4	6683	9877	1.02%	0.120%
88	14.280	4026	4040	4048	rBV4	7762	12333	1.27%	0.149%
89	14.335	4050	4057	4066	rVB6	2969	4323	0.44%	0.052%
90	14.479	4097	4102	4112	rBV4	1736	2367	0.24%	0.029%
91	14.682	4151	4165	4178	rBV4	12155	20025	2.06%	0.243%
92	14.801	4199	4202	4208	rBV4	640	609	0.06%	0.007%
93	14.871	4220	4224	4234	rVB4	1625	1978	0.20%	0.024%
94	15.010	4259	4267	4280	rVB5	10964	17175	1.77%	0.208%
95	15.196	4321	4325	4328	rBV2	923	752	0.08%	0.009%
96	15.228	4328	4335	4342	rBV4	2443	4294	0.44%	0.052%
97	15.370	4375	4379	4382	rBV3	339	343	0.04%	0.004%
98	15.415	4383	4393	4404	rVV5	3876	7295	0.75%	0.088%
99	15.907	4543	4546	4549	rBV2	974	810	0.08%	0.010%
100	16.154	4620	4623	4624	rBV2	577	350	0.04%	0.004%

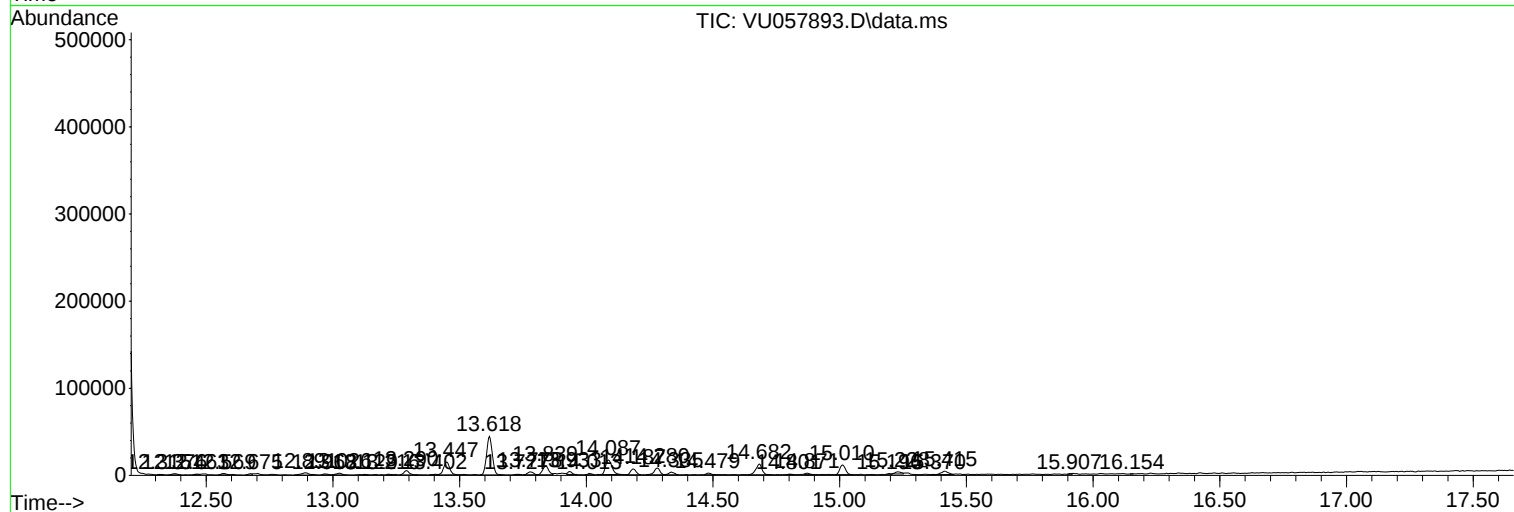
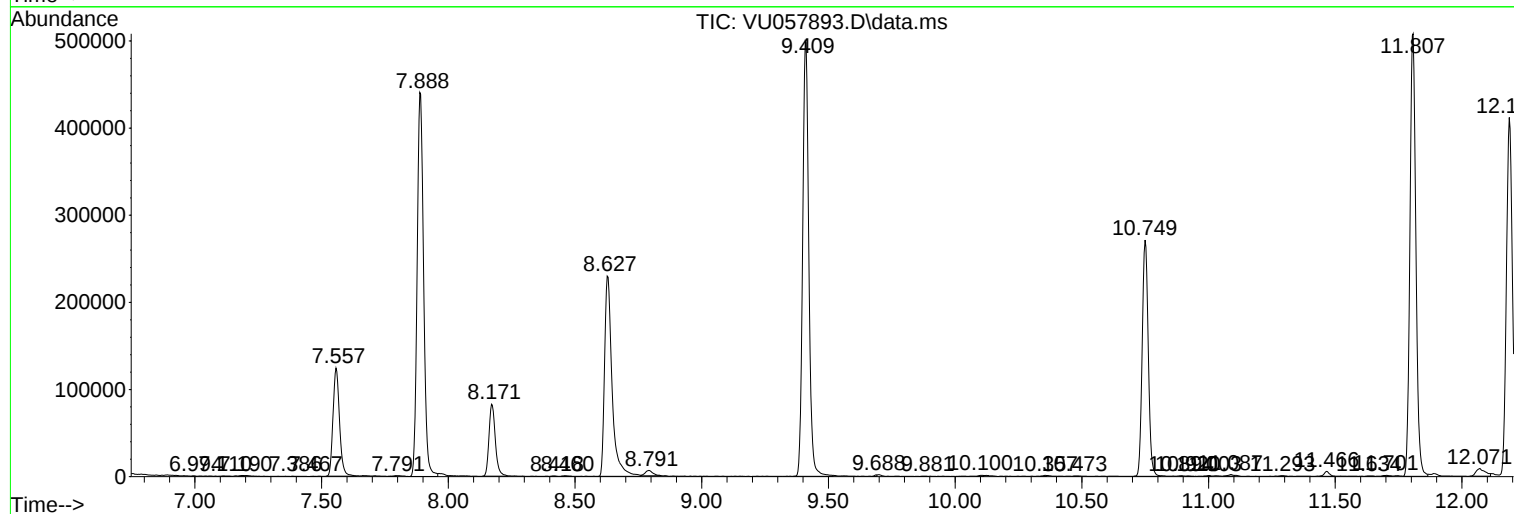
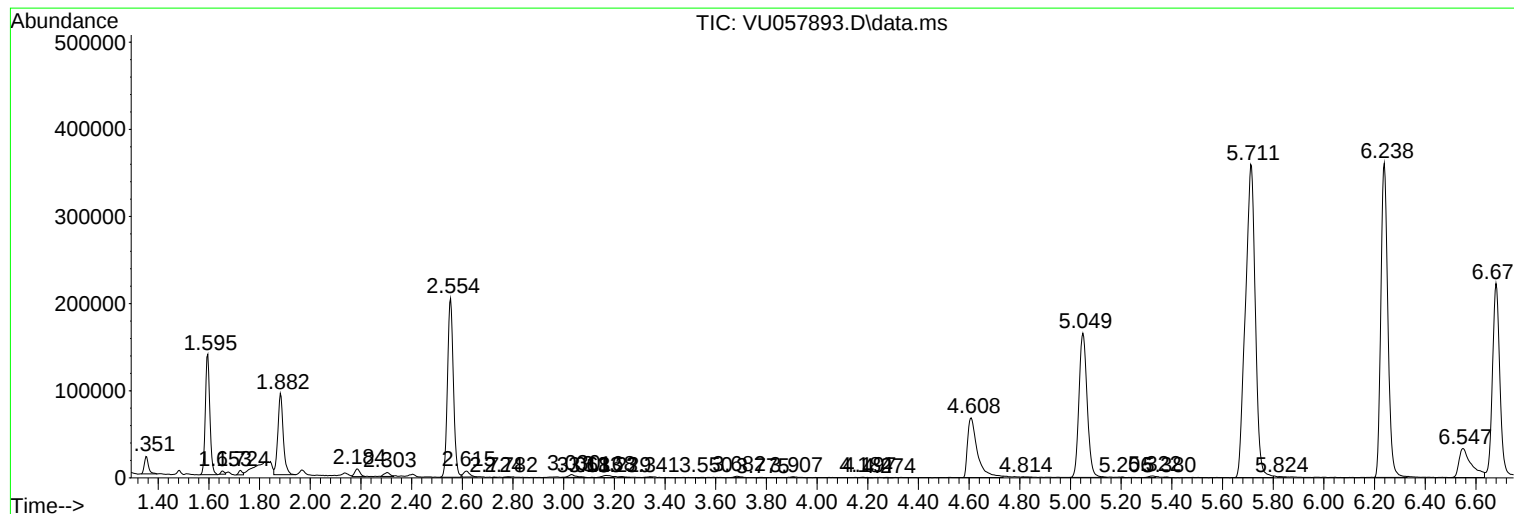
Sum of corrected areas: 8250281

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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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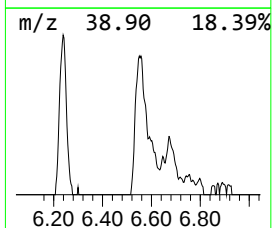
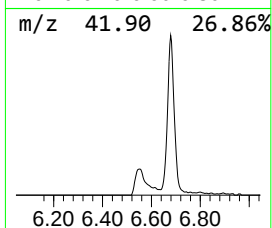
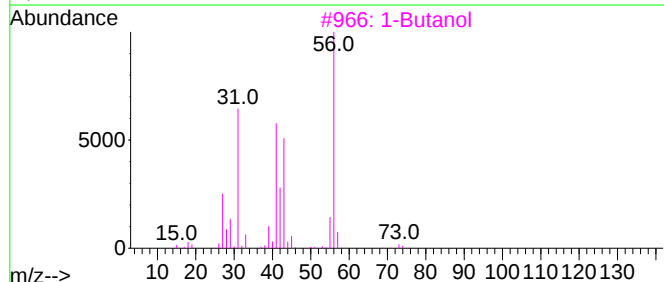
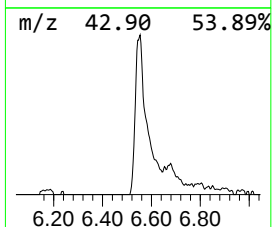
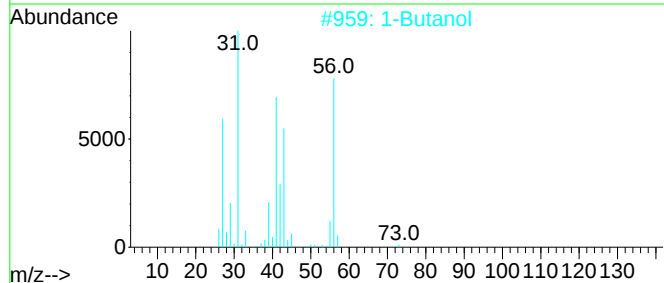
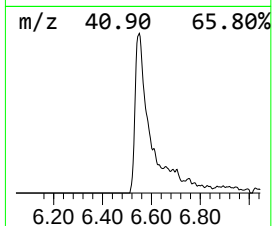
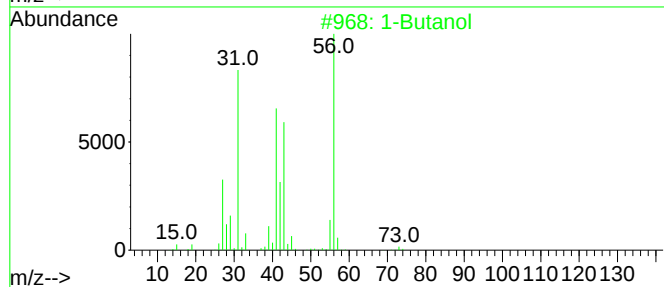
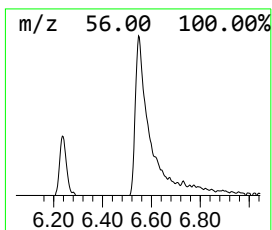
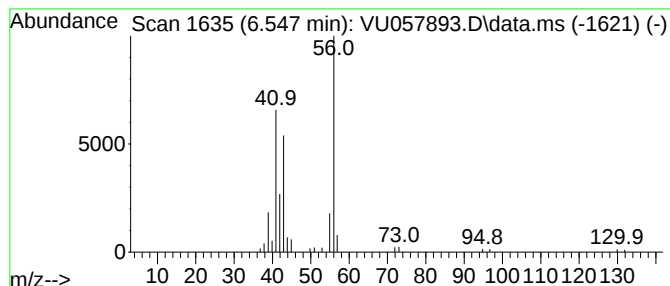
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021924WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1-Butanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.547	8.09 ug/L	112472	1,4-Difluorobenzene	6.238

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol			74	C4H10O	000071-36-3	78
2	1-Butanol			74	C4H10O	000071-36-3	78
3	1-Butanol			74	C4H10O	000071-36-3	78
4	1-Butanol			74	C4H10O	000071-36-3	53
5	Cyclopentane, methyl-			84	C6H12	000096-37-7	39



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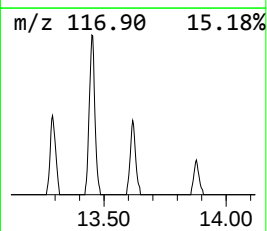
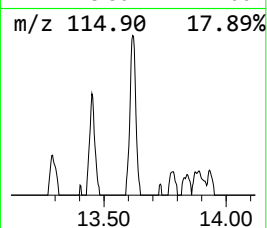
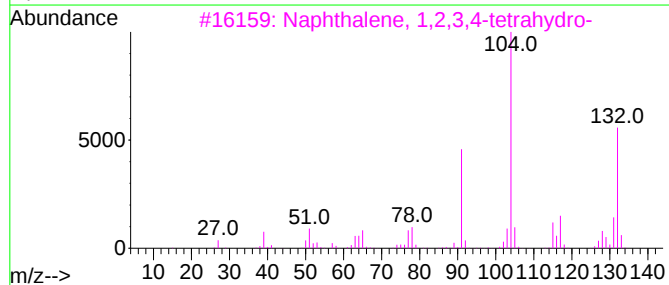
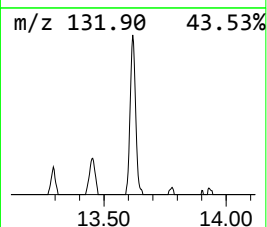
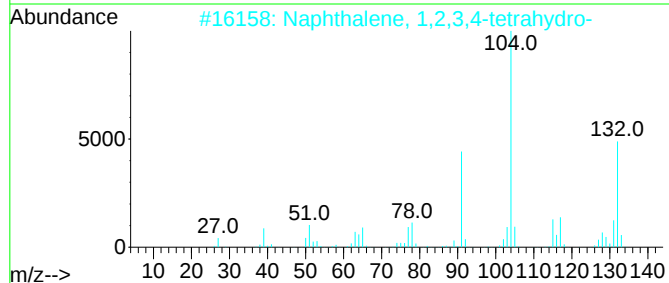
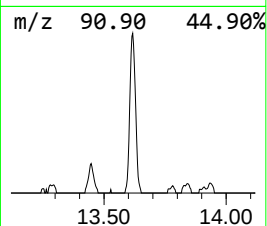
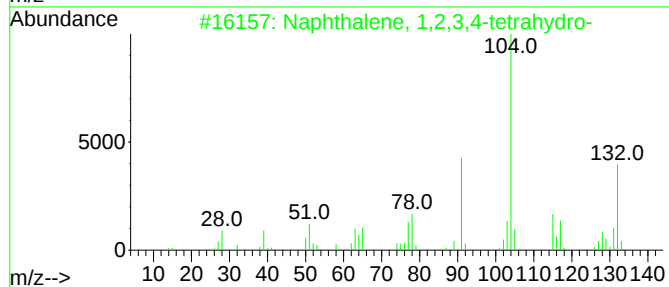
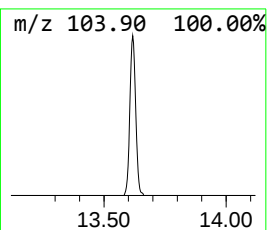
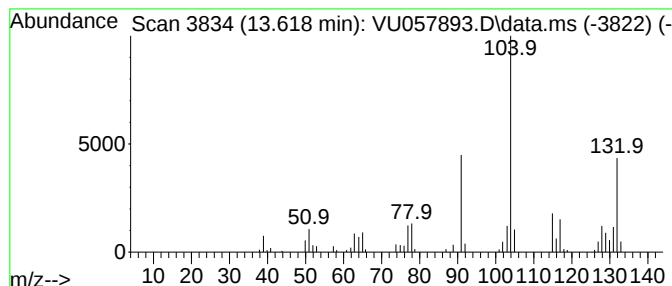
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.618	4.11 ug/L	69170	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
5			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Butanol	6.547	8.1	ug/L	112472	1	6.238	694966	50.0
Naphthalene, 1,...	13.618	4.1	ug/L	69170	3	11.807	841272	50.0