

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122418\
 Data File : VU028948.D
 Acq On : 24 Dec 2018 15:30
 Operator : MD/SY
 Sample : J6542-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F79

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_U\METHOD\SOMULM122018WMA.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	1.398	63	70	82	rVB	123828	122698	12.98%	1.571%
2	1.672	147	155	171	rVB	98195	123817	13.09%	1.585%
3	2.189	311	316	322	rVB4	3179	3731	0.39%	0.048%
4	2.218	322	325	327	rBV2	818	492	0.05%	0.006%
5	2.270	329	341	353	rBV	207169	317034	33.53%	4.058%
6	2.389	372	378	381	rBV3	365	291	0.03%	0.004%
7	2.447	385	396	411	rBV	10422	19487	2.06%	0.249%
8	2.620	446	450	452	rBV2	260	200	0.02%	0.003%
9	2.701	471	475	478	rBV2	371	241	0.03%	0.003%
10	2.839	505	518	531	rVB	5339	10972	1.16%	0.140%
11	3.061	583	587	591	rVV	159	132	0.01%	0.002%
12	3.164	614	619	620	rBV2	210	187	0.02%	0.002%
13	3.186	624	626	629	rVV	163	124	0.01%	0.002%
14	3.447	705	707	711	rVB	240	141	0.01%	0.002%
15	3.675	773	778	783	rBV	237	188	0.02%	0.002%
16	3.948	858	863	864	rBV	156	126	0.01%	0.002%
17	3.987	864	875	897	rBV4	21580	56721	6.00%	0.726%
18	4.176	919	934	963	rBV	85485	235970	24.95%	3.021%
19	4.369	992	994	1000	rVB3	393	360	0.04%	0.005%
20	4.401	1000	1004	1008	rBV3	480	471	0.05%	0.006%
21	4.475	1025	1027	1033	rBV3	254	263	0.03%	0.003%
22	4.524	1040	1042	1046	rVB2	219	124	0.01%	0.002%
23	4.643	1062	1079	1107	rBV	152980	358390	37.90%	4.588%
24	4.771	1116	1119	1122	rVB2	291	183	0.02%	0.002%
25	4.884	1147	1154	1166	rVB2	365	654	0.07%	0.008%
26	4.993	1177	1188	1191	rVB3	448	602	0.06%	0.008%
27	5.157	1236	1239	1241	rBV2	177	128	0.01%	0.002%
28	5.337	1270	1295	1320	rBV2	328401	945638	100.00%	12.105%
29	5.466	1332	1335	1337	rBV2	271	236	0.02%	0.003%
30	5.479	1337	1339	1343	rVB2	639	363	0.04%	0.005%
31	5.520	1350	1352	1359	rVB2	226	162	0.02%	0.002%
32	5.710	1408	1411	1415	rBV2	189	133	0.01%	0.002%
33	5.749	1421	1423	1426	rVV	240	144	0.02%	0.002%
34	5.884	1450	1465	1491	rBV	291724	577850	61.11%	7.397%

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 Title : VOC Analysis

35	6.038	1511	1513	1516	rVB2	402	179	0.02%	0.002%
36	6.135	1540	1543	1549	rVB2	402	302	0.03%	0.004%
37	6.180	1554	1557	1561	rVB	276	139	0.01%	0.002%
38	6.215	1563	1568	1571	rBV2	194	182	0.02%	0.002%
39	6.327	1587	1603	1622	rBV	210070	420264	44.44%	5.380%
40	6.456	1638	1643	1646	rBV3	458	418	0.04%	0.005%
41	6.491	1652	1654	1658	rVB	188	136	0.01%	0.002%
42	6.662	1702	1707	1713	rVB	110	128	0.01%	0.002%
43	6.784	1737	1745	1748	rBV2	306	454	0.05%	0.006%
44	6.855	1759	1767	1768	rBV2	334	290	0.03%	0.004%
45	7.025	1817	1820	1826	rVB3	300	267	0.03%	0.003%
46	7.125	1846	1851	1854	rBV2	346	308	0.03%	0.004%
47	7.163	1860	1863	1867	rBV2	210	205	0.02%	0.003%
48	7.225	1870	1882	1899	rBV	128060	226295	23.93%	2.897%
49	7.337	1911	1917	1921	rBV4	578	475	0.05%	0.006%
50	7.360	1921	1924	1926	rVB	383	235	0.02%	0.003%
51	7.376	1926	1929	1930	rBV2	481	246	0.03%	0.003%
52	7.430	1943	1946	1950	rBV3	355	269	0.03%	0.003%
53	7.479	1953	1961	1965	rBV5	485	717	0.08%	0.009%
54	7.504	1967	1969	1972	rVB2	309	169	0.02%	0.002%
55	7.565	1972	1988	2012	rBV	452991	805608	85.19%	10.312%
56	7.761	2047	2049	2052	rVB3	375	236	0.02%	0.003%
57	7.848	2063	2076	2091	rBV	88714	150220	15.89%	1.923%
58	7.961	2110	2111	2117	rVB3	432	337	0.04%	0.004%
59	7.996	2117	2122	2130	rVB5	533	708	0.07%	0.009%
60	8.080	2146	2148	2149	rBV	269	150	0.02%	0.002%
61	8.147	2167	2169	2170	rBV	431	237	0.03%	0.003%
62	8.176	2170	2178	2190	rVB2	6731	11978	1.27%	0.153%
63	8.308	2208	2219	2253	rBV	307154	526561	55.68%	6.740%
64	8.556	2294	2296	2301	rVB4	248	146	0.02%	0.002%
65	8.597	2307	2309	2311	rBV	281	134	0.01%	0.002%
66	8.636	2317	2321	2322	rBV3	499	344	0.04%	0.004%
67	8.700	2336	2341	2344	rVB3	431	353	0.04%	0.005%
68	8.736	2349	2352	2354	rVV	284	162	0.02%	0.002%
69	8.749	2354	2356	2359	rVV2	259	174	0.02%	0.002%
70	8.948	2414	2418	2419	rBV	335	240	0.03%	0.003%
71	9.086	2449	2461	2492	rBV	412894	698741	73.89%	8.944%

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72	9.228	2503	2505	2507	rBV	273	150	0.02%	0.002%
73	9.273	2515	2519	2520	rVB	385	246	0.03%	0.003%
74	9.305	2526	2529	2530	rBV	506	231	0.02%	0.003%
75	9.347	2541	2542	2547	rBV4	424	305	0.03%	0.004%
76	9.372	2547	2550	2551	rBV2	754	448	0.05%	0.006%
77	9.417	2562	2564	2567	rVB3	451	239	0.03%	0.003%
78	9.433	2567	2569	2572	rBV3	295	183	0.02%	0.002%
79	9.501	2587	2590	2592	rVB4	592	365	0.04%	0.005%
80	9.565	2606	2610	2611	rBV3	325	185	0.02%	0.002%
81	9.649	2634	2636	2638	rVB2	428	147	0.02%	0.002%
82	9.745	2663	2666	2668	rBV2	395	276	0.03%	0.004%
83	9.777	2673	2676	2681	rVV3	519	456	0.05%	0.006%
84	9.842	2695	2696	2698	rVV2	331	137	0.01%	0.002%
85	9.867	2701	2704	2706	rBV3	192	166	0.02%	0.002%
86	10.028	2751	2754	2755	rVV2	341	253	0.03%	0.003%
87	10.035	2755	2756	2759	rVB2	526	261	0.03%	0.003%
88	10.134	2785	2787	2789	rBV3	378	187	0.02%	0.002%
89	10.231	2814	2817	2819	rBV3	487	382	0.04%	0.005%
90	10.430	2867	2879	2896	rBV	304496	487324	51.53%	6.238%
91	10.607	2926	2934	2946	rVB2	8300	14134	1.49%	0.181%
92	11.482	3194	3206	3222	rBV	426386	662762	70.09%	8.484%
93	11.748	3281	3289	3303	rBV3	10515	20992	2.22%	0.269%
94	11.858	3311	3323	3342	rBV	435558	706165	74.68%	9.039%
95	14.044	4000	4003	4006	rBV3	995	803	0.08%	0.010%
96	14.678	4195	4200	4201	rBV4	1351	1331	0.14%	0.017%
97	15.915	4578	4585	4605	rVB3	35339	62567	6.62%	0.801%
98	16.060	4622	4630	4636	rBV	32952	51088	5.40%	0.654%
99	16.768	4842	4850	4862	rBV	52928	85143	9.00%	1.090%
100	17.227	4986	4993	5002	rBV2	53456	88818	9.39%	1.137%

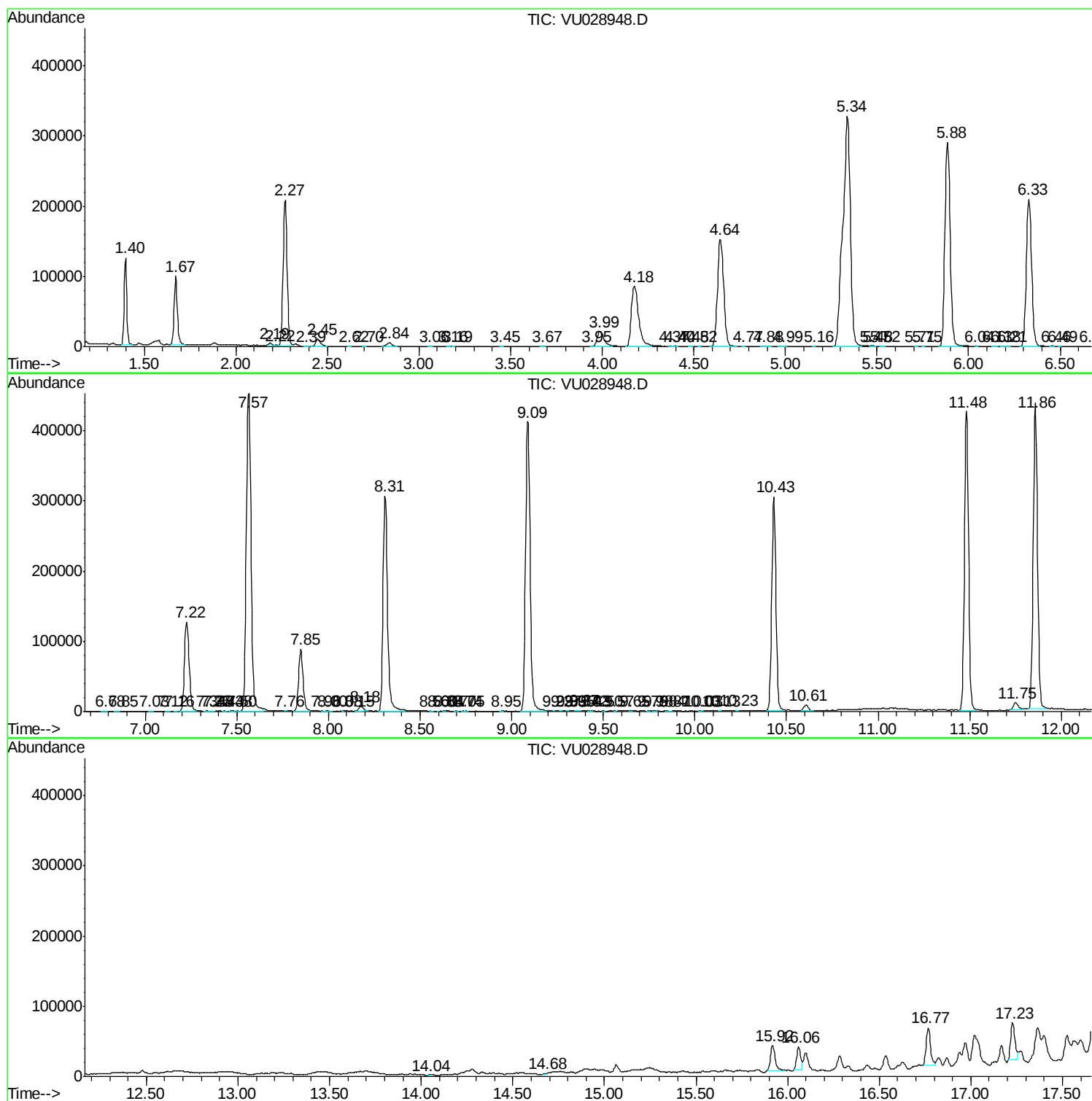
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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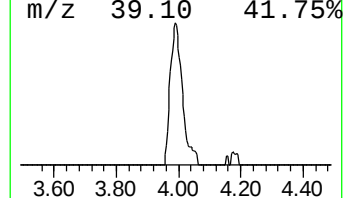
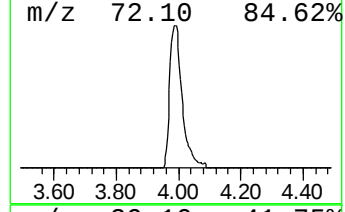
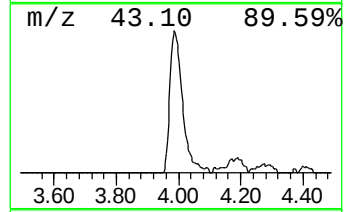
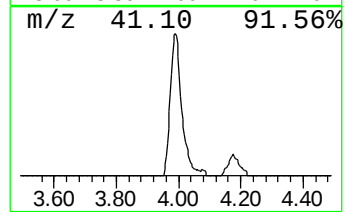
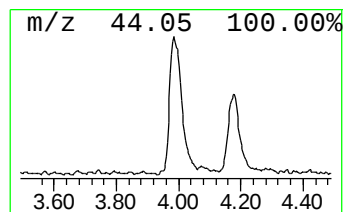
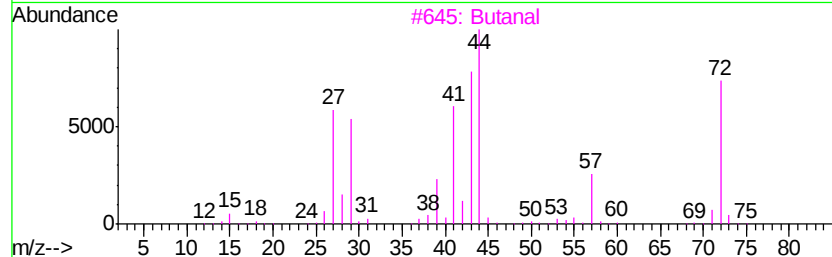
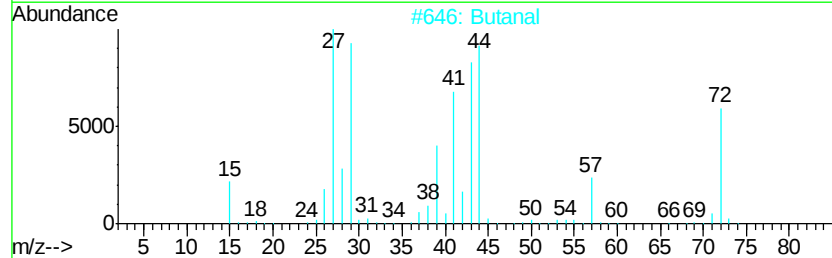
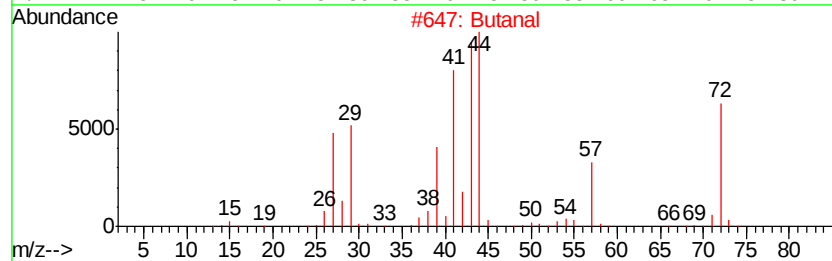
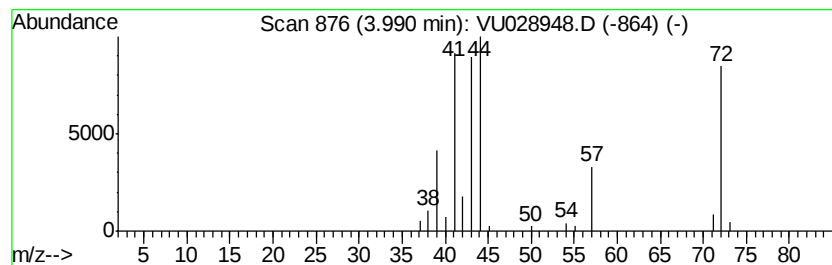
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Butanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	4.91 ug/L	56721	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanal	72	C4H8O	000123-72-8	94
2		Butanal	72	C4H8O	000123-72-8	91
3		Butanal	72	C4H8O	000123-72-8	87
4		Ethene, ethoxy-	72	C4H8O	000109-92-2	53
5		Butanal	72	C4H8O	000123-72-8	49



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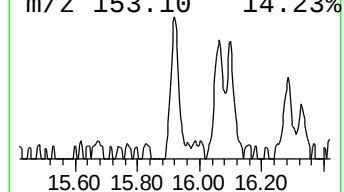
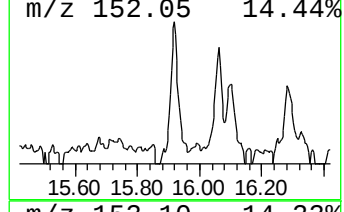
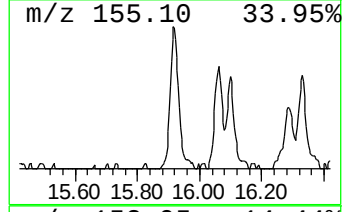
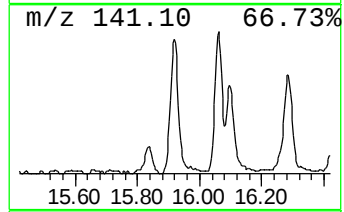
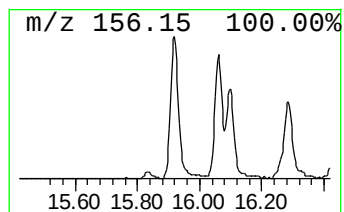
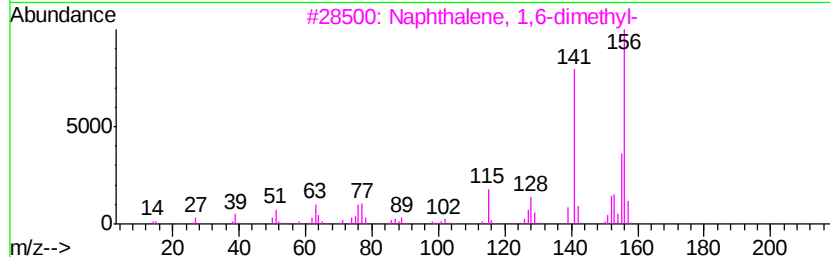
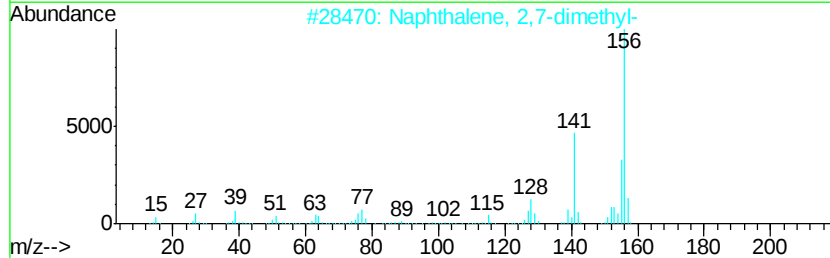
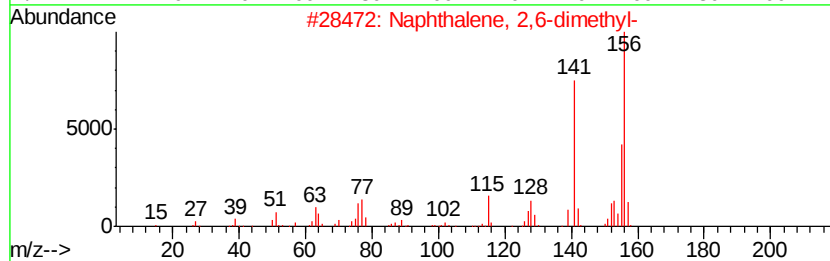
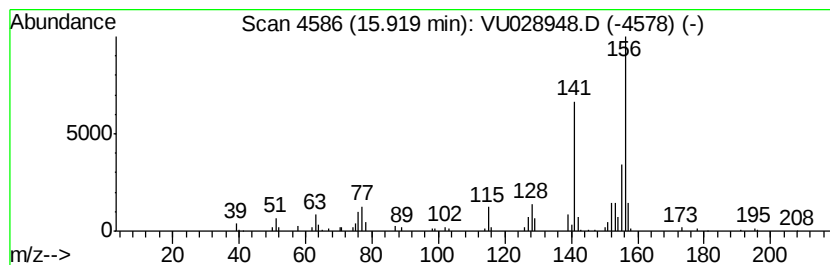
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	4.72 ug/L	62567	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



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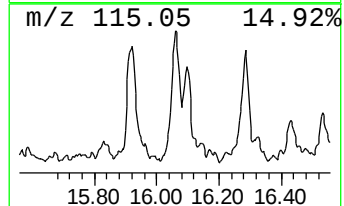
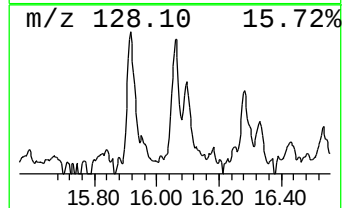
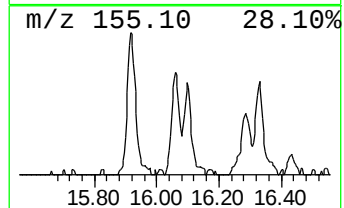
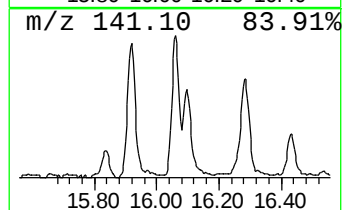
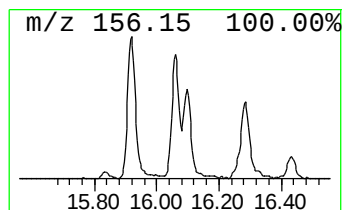
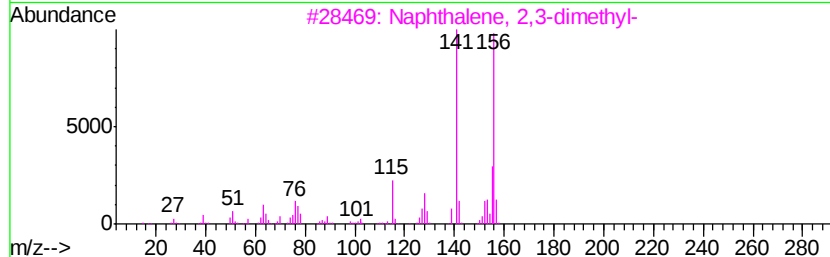
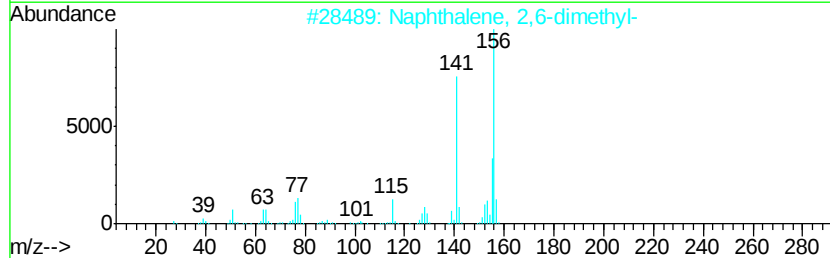
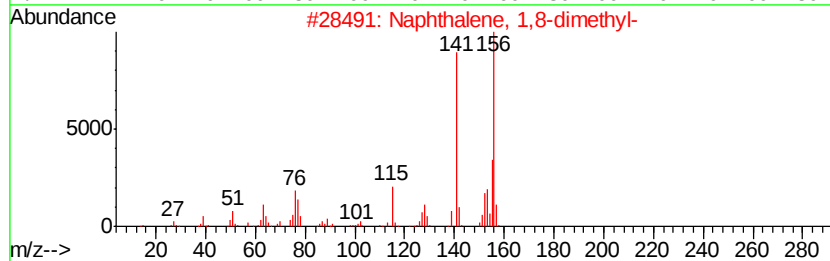
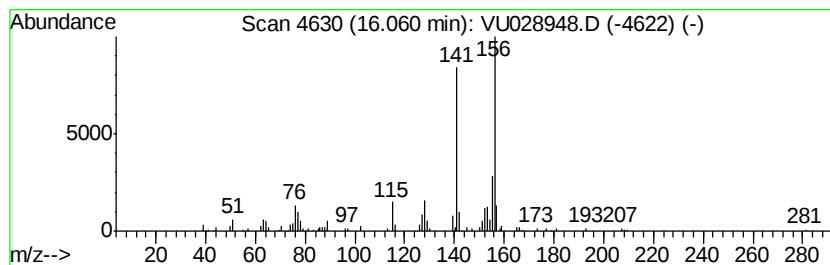
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Quant Title : VOC Analysis

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

Peak Number 4 Naphthalene, 1,8-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	3.85 ug/L	51088	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU122418\
Data File : VU028948.D
Acq On : 24 Dec 2018 15:30
Operator : MD/SY
Sample : J6542-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9F79

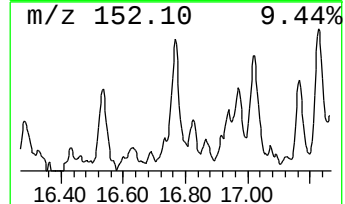
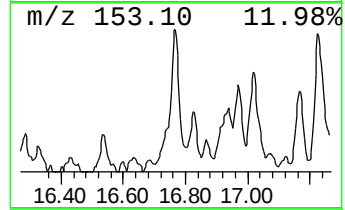
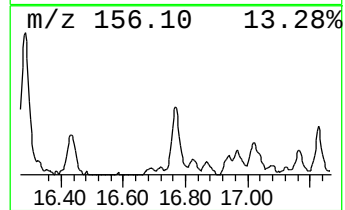
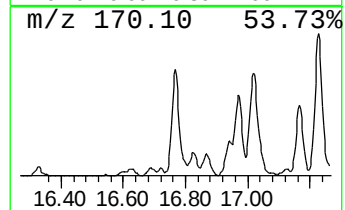
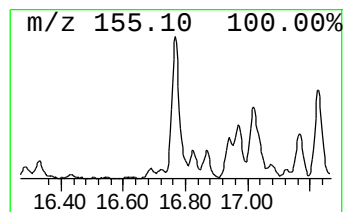
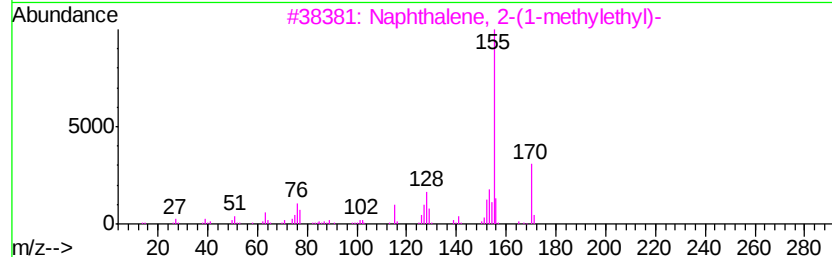
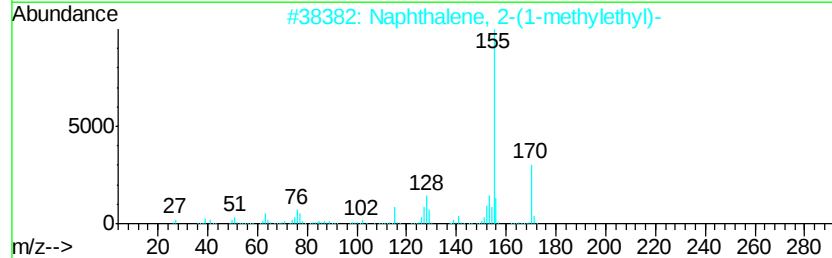
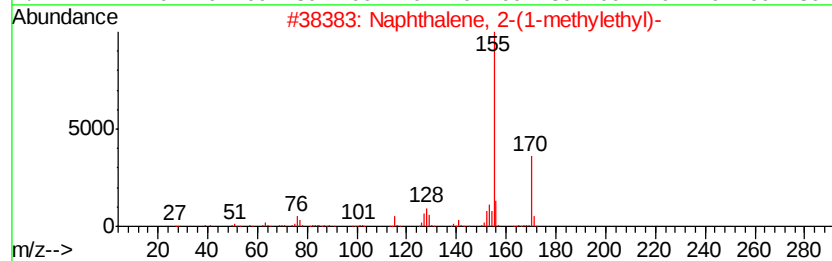
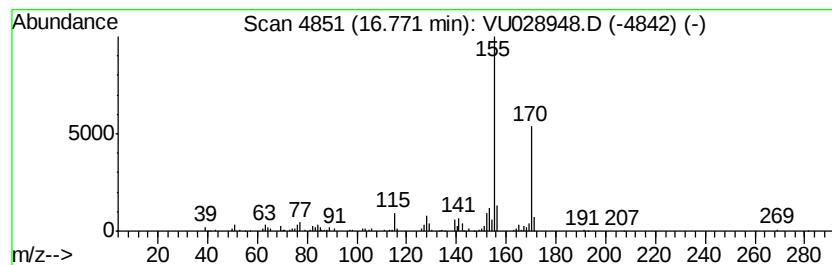
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Quant Title : VOC Analysis

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

Peak Number 5 Naphthalene, 2-(1-methylethyl) Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	6.42 ug/L	85143	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
2		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
3		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	80
4		Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	64
5		Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU122418\
Data File : VU028948.D
Acq On : 24 Dec 2018 15:30
Operator : MD/SY
Sample : J6542-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9F79

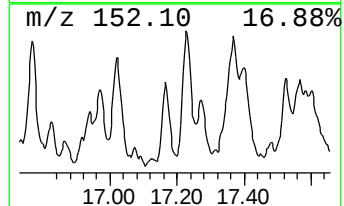
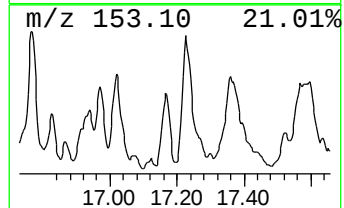
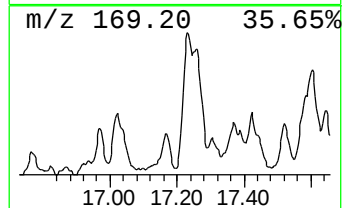
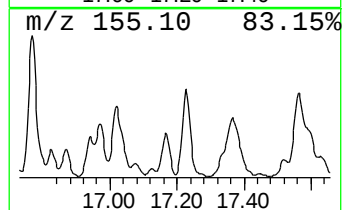
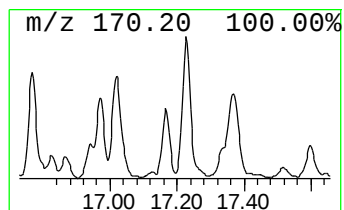
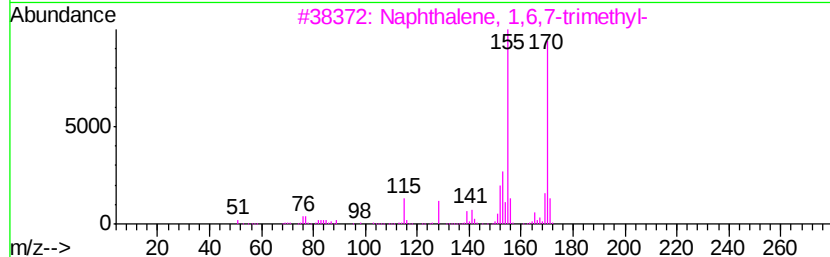
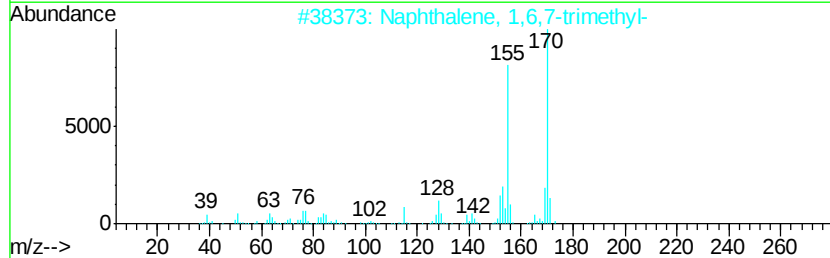
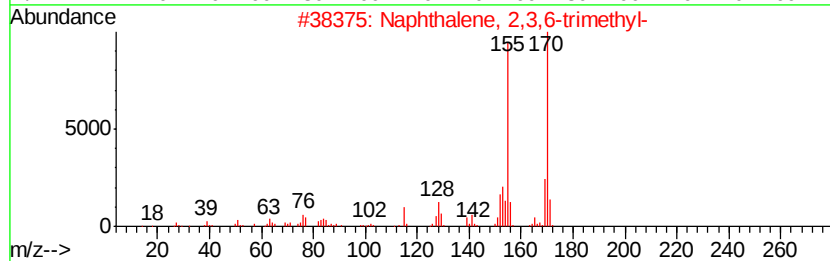
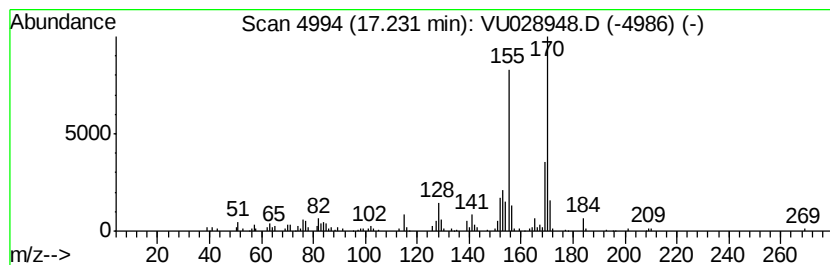
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	6.70 ug/L	88818	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122418\
Data File : VU028948.D
Acq On : 24 Dec 2018 15:30
Operator : MD/SY
Sample : J6542-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9F79

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butanal	3.99	4.9	ug/L	56721	1	5.88	577850	50.0
Naphthalene, 2,6-...	15.92	4.7	ug/L	62567	3	11.48	662762	50.0
Naphthalene, 1,8-...	16.06	3.9	ug/L	51088	3	11.48	662762	50.0
Naphthalene, 2-(1...	16.77	6.4	ug/L	85143	3	11.48	662762	50.0
Naphthalene, 2,3,...	17.23	6.7	ug/L	88818	3	11.48	662762	50.0