

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010380.D
 Acq On : 19 Apr 2019 11:44
 Operator : SY/MD
 Sample : K2402-04
 Misc : 4.99G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHH6

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\SOM2VLM041819S.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	1.315	66	70	86	rVB	134600	137635	13.33%	1.355%
2	1.573	144	150	166	rVB	122845	151450	14.67%	1.491%
3	2.126	313	322	335	rVB	304384	426004	41.27%	4.193%
4	2.534	440	449	465	rVB2	25723	45417	4.40%	0.447%
5	2.595	465	468	471	rVB2	706	362	0.04%	0.004%
6	2.724	506	508	512	rVB3	509	378	0.04%	0.004%
7	2.750	514	516	518	rBV	465	251	0.02%	0.002%
8	2.788	525	528	530	rBV3	1017	738	0.07%	0.007%
9	2.917	565	568	572	rBV2	454	302	0.03%	0.003%
10	3.174	645	648	649	rBV	650	326	0.03%	0.003%
11	3.225	659	664	671	rVB3	546	755	0.07%	0.007%
12	3.254	671	673	676	rBV2	542	211	0.02%	0.002%
13	3.335	694	698	699	rBV2	425	254	0.02%	0.003%
14	3.418	722	724	726	rBV	434	217	0.02%	0.002%
15	3.428	726	727	732	rVB3	351	199	0.02%	0.002%
16	3.454	732	735	738	rBV2	790	460	0.04%	0.005%
17	3.605	780	782	783	rBV	568	275	0.03%	0.003%
18	3.933	872	884	907	rBV2	40975	107893	10.45%	1.062%
19	4.267	984	988	990	rBV3	914	681	0.07%	0.007%
20	4.399	1012	1029	1053	rBV	189011	456523	44.23%	4.494%
21	4.769	1141	1144	1146	rBV3	523	312	0.03%	0.003%
22	4.804	1152	1155	1157	rBV2	541	271	0.03%	0.003%
23	4.875	1170	1177	1180	rBV5	1098	1248	0.12%	0.012%
24	4.965	1202	1205	1207	rBV	456	297	0.03%	0.003%
25	5.093	1224	1245	1268	rBV3	414561	1032227	100.00%	10.160%
26	5.412	1342	1344	1347	rBV	536	220	0.02%	0.002%
27	5.450	1351	1356	1362	rVB4	821	1010	0.10%	0.010%
28	5.563	1385	1391	1395	rBV3	593	695	0.07%	0.007%
29	5.663	1409	1422	1459	rBV	355854	720368	69.79%	7.091%
30	6.116	1549	1563	1590	rBV	240449	492648	47.73%	4.849%
31	6.495	1677	1681	1682	rBV2	412	251	0.02%	0.002%
32	6.534	1691	1693	1695	rVB2	645	238	0.02%	0.002%
33	6.589	1708	1710	1714	rBV2	397	232	0.02%	0.002%
34	6.637	1721	1725	1728	rBV2	788	606	0.06%	0.006%

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 Title : VOC Analysis

35	6.691	1737	1742	1751	rBV9	2899	4948	0.48%	0.049%
36	6.749	1757	1760	1762	rBV	767	418	0.04%	0.004%
37	6.823	1772	1783	1793	rBV9	4677	9724	0.94%	0.096%
38	6.926	1814	1815	1818	rVB2	453	221	0.02%	0.002%
39	7.029	1835	1847	1872	rBV	131466	237089	22.97%	2.334%
40	7.261	1911	1919	1921	rBV4	787	851	0.08%	0.008%
41	7.360	1938	1950	1968	rBV	475590	849256	82.27%	8.359%
42	7.611	2024	2028	2031	rBV	1039	741	0.07%	0.007%
43	7.663	2033	2044	2062	rBV	89378	153668	14.89%	1.513%
44	8.132	2180	2190	2216	rBV	141540	260207	25.21%	2.561%
45	8.367	2262	2263	2264	rBV	619	218	0.02%	0.002%
46	8.489	2298	2301	2304	rVB3	679	405	0.04%	0.004%
47	8.515	2304	2309	2313	rVV3	723	741	0.07%	0.007%
48	8.675	2356	2359	2361	rBV	349	274	0.03%	0.003%
49	8.752	2381	2383	2389	rVB3	799	626	0.06%	0.006%
50	8.778	2389	2391	2394	rBV	562	404	0.04%	0.004%
51	8.823	2401	2405	2411	rBV3	593	717	0.07%	0.007%
52	8.894	2415	2427	2452	rBV	523314	901139	87.30%	8.870%
53	9.055	2470	2477	2483	rVB7	2558	3595	0.35%	0.035%
54	9.261	2536	2541	2543	rBV3	666	600	0.06%	0.006%
55	9.383	2576	2579	2582	rBV3	390	300	0.03%	0.003%
56	9.724	2680	2685	2688	rVB2	605	470	0.05%	0.005%
57	9.740	2688	2690	2693	rBV2	398	219	0.02%	0.002%
58	9.884	2732	2735	2736	rBV2	550	328	0.03%	0.003%
59	9.916	2743	2745	2749	rVB2	705	398	0.04%	0.004%
60	10.019	2774	2777	2780	rVB2	657	334	0.03%	0.003%
61	10.135	2811	2813	2815	rVB	693	275	0.03%	0.003%
62	10.209	2830	2836	2840	rBV3	485	513	0.05%	0.005%
63	10.260	2840	2852	2868	rBV2	242181	394255	38.19%	3.881%
64	10.428	2892	2904	2918	rVB4	8682	15955	1.55%	0.157%
65	10.482	2918	2921	2924	rBV3	1272	963	0.09%	0.009%
66	10.582	2946	2952	2960	rVB6	1667	2482	0.24%	0.024%
67	10.617	2960	2963	2969	rBV3	1171	988	0.10%	0.010%
68	10.772	3008	3011	3013	rBV3	625	419	0.04%	0.004%
69	10.810	3020	3023	3028	rVB3	645	476	0.05%	0.005%
70	10.961	3060	3070	3082	rVB4	6891	11167	1.08%	0.110%
71	11.032	3085	3092	3100	rVV6	5442	8367	0.81%	0.082%

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72	11.080	3103	3107	3113	rVB4	2057	2517	0.24%	0.025%
73	11.232	3148	3154	3161	rVB7	2603	3503	0.34%	0.034%
74	11.296	3162	3174	3191	rBV	577535	927191	89.82%	9.126%
75	11.437	3210	3218	3223	rBV8	2759	4438	0.43%	0.044%
76	11.531	3244	3247	3250	rBV2	324	221	0.02%	0.002%
77	11.579	3256	3262	3264	rBV5	1750	1896	0.18%	0.019%
78	11.672	3279	3291	3307	rBV	566398	905133	87.69%	8.909%
79	11.949	3374	3377	3378	rBV2	1121	650	0.06%	0.006%
80	12.042	3399	3406	3409	rBV5	1598	2087	0.20%	0.021%
81	12.241	3457	3468	3477	rBV7	6135	11484	1.11%	0.113%
82	12.296	3478	3485	3498	rVB2	11925	19683	1.91%	0.194%
83	12.392	3512	3515	3523	rVB6	1702	2106	0.20%	0.021%
84	12.694	3603	3609	3615	rVB8	3547	4685	0.45%	0.046%
85	12.772	3627	3633	3640	rBV7	2331	2991	0.29%	0.029%
86	12.929	3676	3682	3691	rVB9	7001	10112	0.98%	0.100%
87	12.997	3695	3703	3715	rVB3	17230	24537	2.38%	0.242%
88	13.103	3726	3736	3748	rBV5	20047	34565	3.35%	0.340%
89	13.186	3757	3762	3763	rBV4	3120	2570	0.25%	0.025%
90	13.231	3773	3776	3780	rBV	782	478	0.05%	0.005%
91	13.315	3795	3802	3810	rVB7	2947	4323	0.42%	0.043%
92	13.392	3823	3826	3832	rBV4	940	889	0.09%	0.009%
93	13.553	3864	3876	3892	rBV	260212	408290	39.55%	4.019%
94	13.794	3943	3951	3960	rVB3	15821	24356	2.36%	0.240%
95	14.141	4052	4059	4060	rBV6	5970	5685	0.55%	0.056%
96	14.682	4216	4227	4246	rBV	487607	729300	70.65%	7.178%
97	14.868	4274	4285	4302	rVB	212925	345392	33.46%	3.400%
98	15.415	4449	4455	4470	rVB	18766	28675	2.78%	0.282%
99	15.720	4541	4550	4565	rBV3	61513	104868	10.16%	1.032%
100	15.865	4587	4595	4601	rBV3	68631	102194	9.90%	1.006%

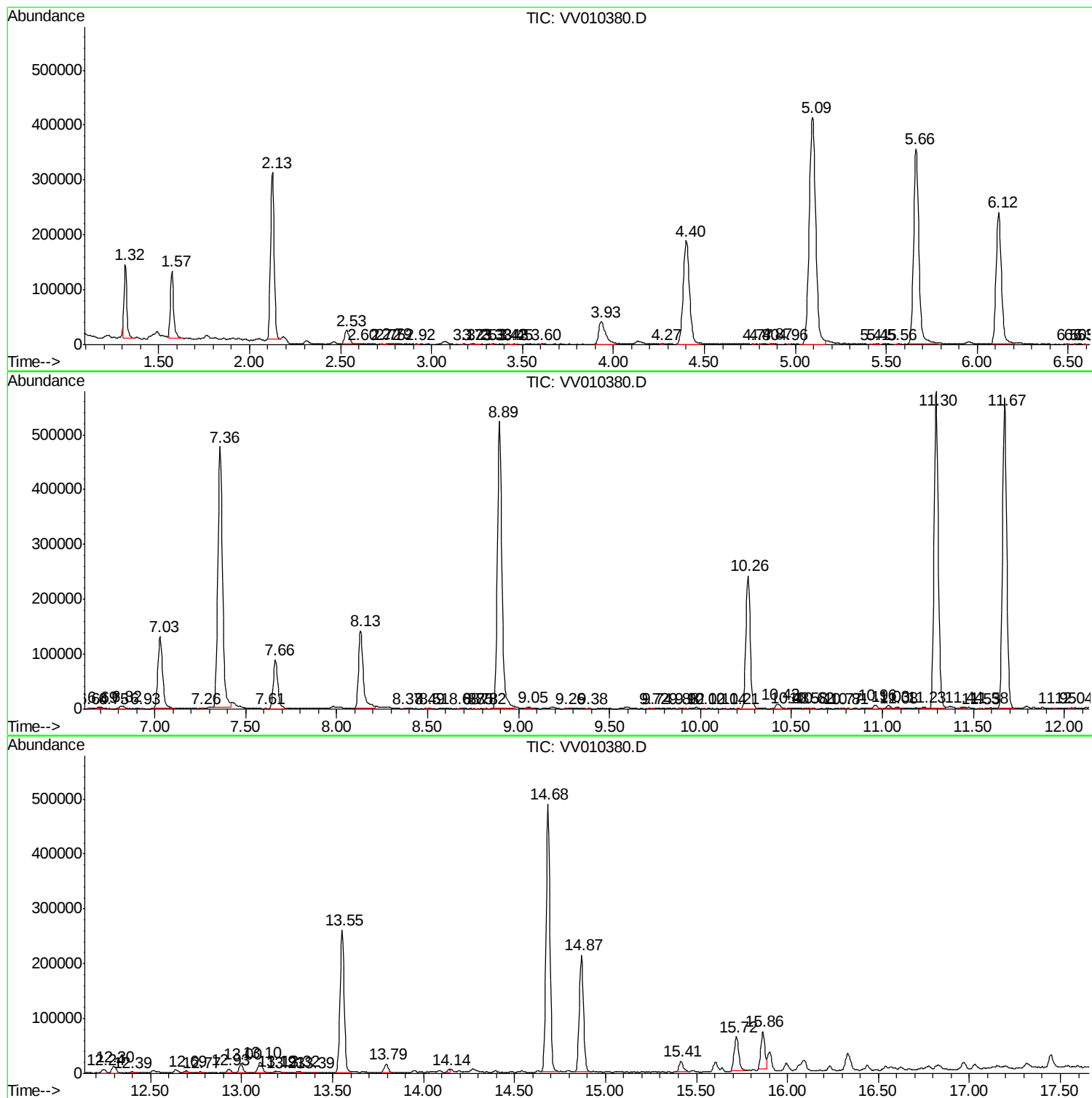
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

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



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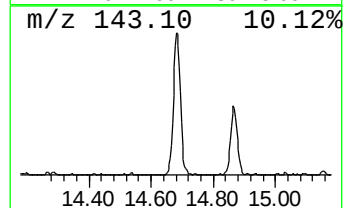
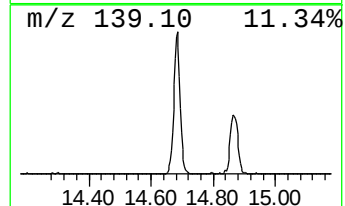
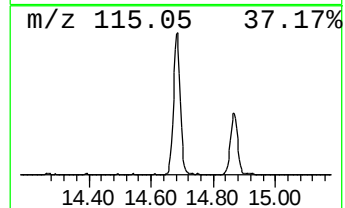
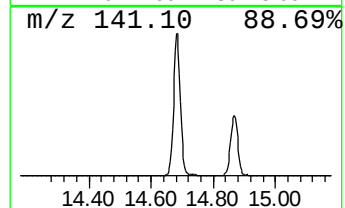
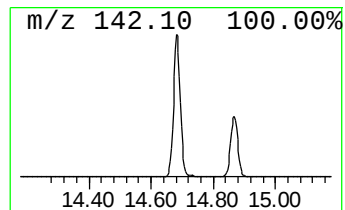
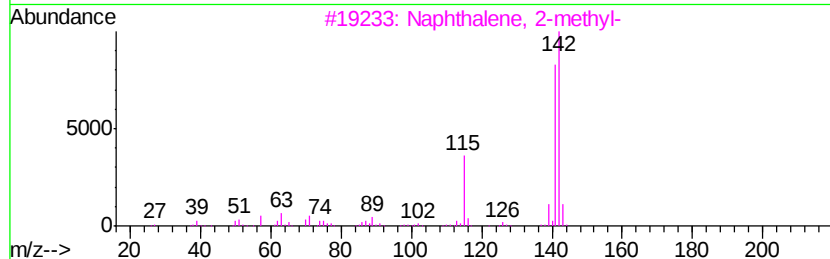
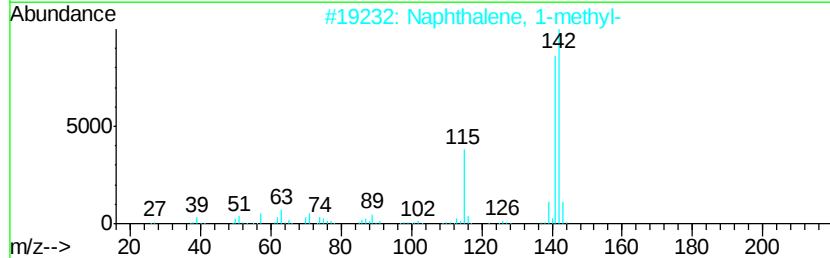
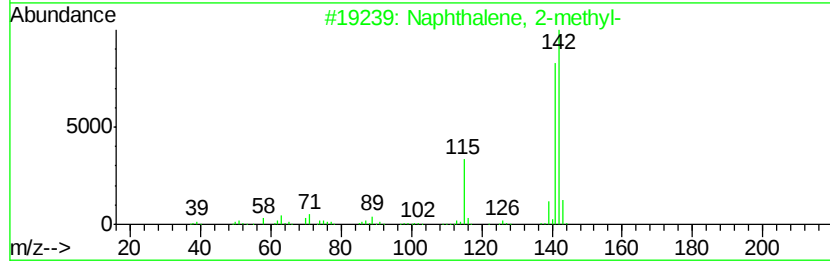
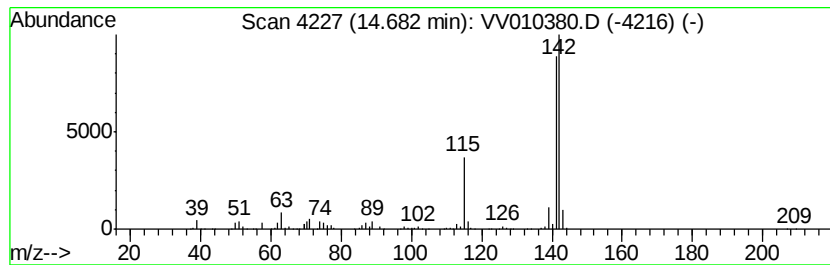
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

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

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	19.66 ug/L	729300	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



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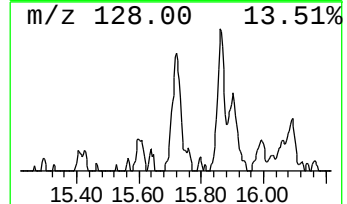
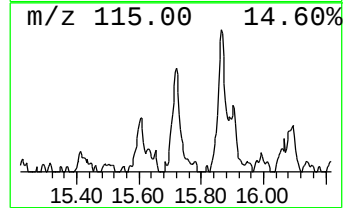
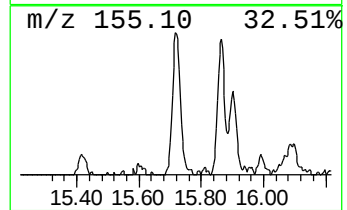
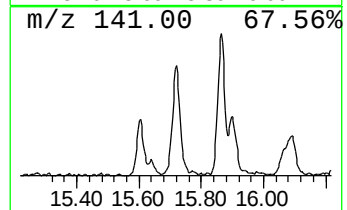
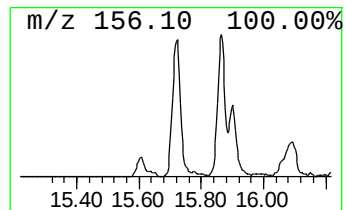
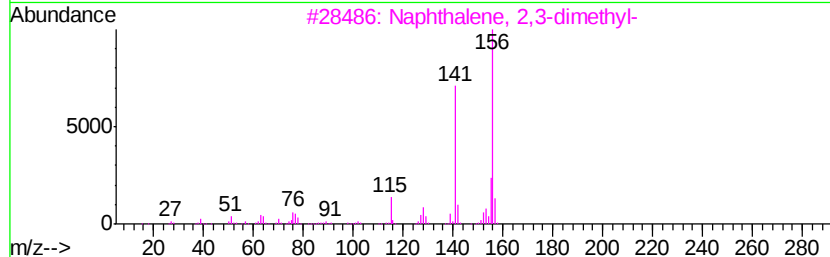
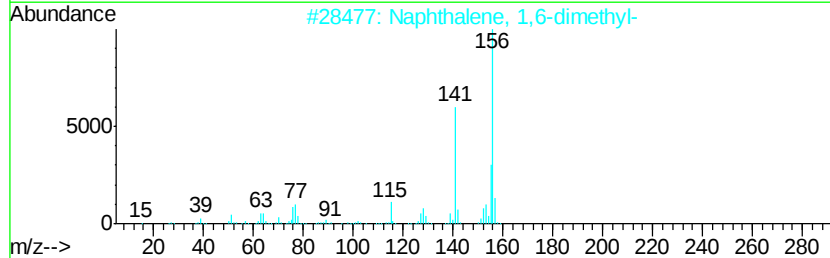
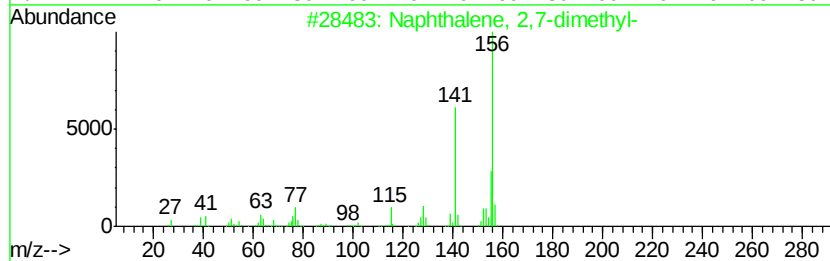
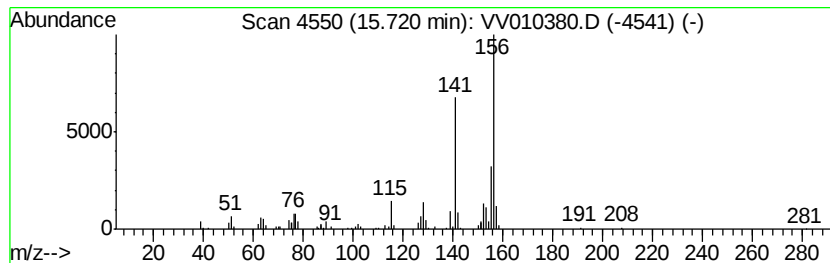
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Quant Title : VOC Analysis

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

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.83 ug/L	104868	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



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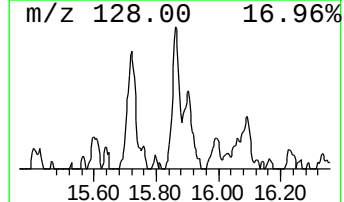
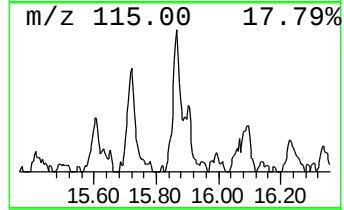
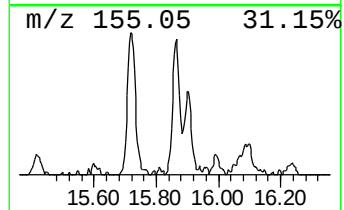
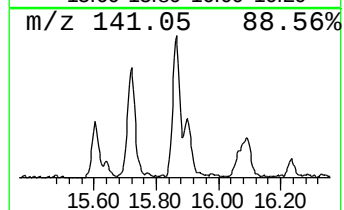
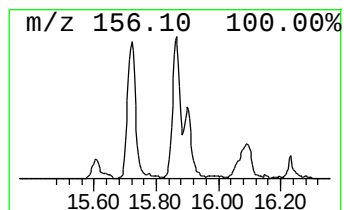
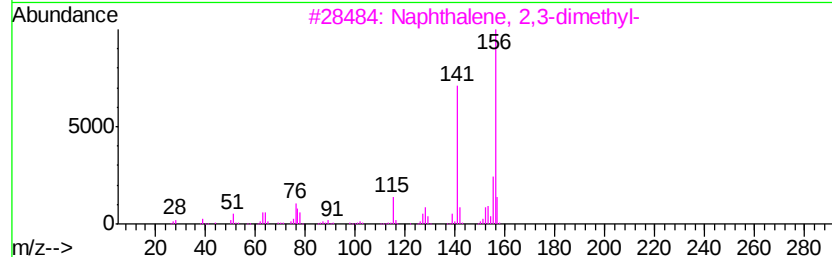
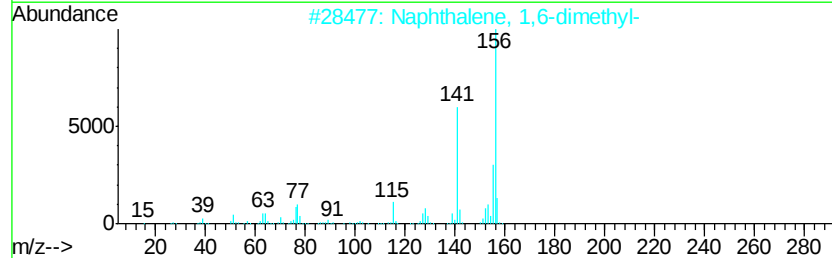
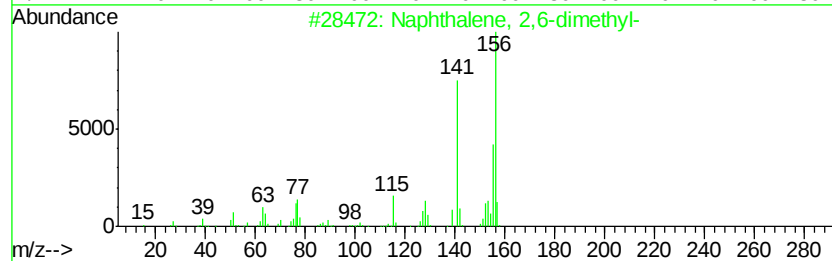
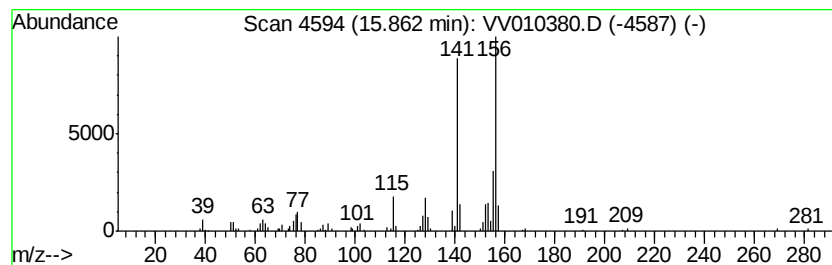
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.76 ug/L	102194	1,4-Dichlorobenzene-d4	11.30

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010380.D
Acq On : 19 Apr 2019 11:44
Operator : SY/MD
Sample : K2402-04
Misc : 4.99G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHH6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.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
Naphthalene, 1-me...	14.68	19.7	ug/L	729300	3	11.30	927191	25.0
Naphthalene, 2,7-...	15.72	2.8	ug/L	104868	3	11.30	927191	25.0
Naphthalene, 2,6-...	15.86	2.8	ug/L	102194	3	11.30	927191	25.0