

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020120\
 Data File : VV014470.D
 Acq On : 31 Jan 2020 23:22
 Operator : SY/MD
 Sample : L1323-02 10X
 Misc : 5.07µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAT42

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\SOMVLM020120WMA.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	1.322	66	72	85	rVB	169445	164013	11.72%	1.210%
2	1.576	144	151	167	rVB	101049	125567	8.98%	0.926%
3	2.013	284	287	288	rBV3	1678	1004	0.07%	0.007%
4	2.129	313	323	335	rBV	221824	311982	22.30%	2.302%
5	2.495	434	437	440	rBV3	476	306	0.02%	0.002%
6	2.537	443	450	459	rVB7	2625	4268	0.31%	0.031%
7	2.605	468	471	472	rBV	612	401	0.03%	0.003%
8	2.650	478	485	499	rVB	9826	20210	1.44%	0.149%
9	2.727	507	509	513	rBV4	495	335	0.02%	0.002%
10	2.833	541	542	545	rBV2	531	304	0.02%	0.002%
11	2.856	547	549	553	rVB	428	260	0.02%	0.002%
12	3.007	592	596	597	rBV2	543	369	0.03%	0.003%
13	3.068	613	615	618	rBV2	568	527	0.04%	0.004%
14	3.174	646	648	653	rVB3	431	363	0.03%	0.003%
15	3.200	653	656	657	rBV	380	234	0.02%	0.002%
16	3.245	667	670	673	rVV2	483	261	0.02%	0.002%
17	3.261	673	675	678	rVB4	368	234	0.02%	0.002%
18	3.331	693	697	698	rBV3	623	379	0.03%	0.003%
19	3.380	710	712	715	rVB3	490	252	0.02%	0.002%
20	3.717	812	817	822	rBV4	478	399	0.03%	0.003%
21	3.920	869	880	916	rBV	107227	288224	20.60%	2.126%
22	4.245	977	981	982	rBV3	535	397	0.03%	0.003%
23	4.396	1012	1028	1053	rBV	216980	534281	38.19%	3.942%
24	4.646	1103	1106	1109	rVB4	792	494	0.04%	0.004%
25	4.801	1152	1154	1158	rBV2	636	411	0.03%	0.003%
26	4.833	1161	1164	1167	rBV3	594	527	0.04%	0.004%
27	4.849	1167	1169	1171	rVV2	529	272	0.02%	0.002%
28	4.997	1214	1215	1221	rVB2	484	292	0.02%	0.002%
29	5.090	1226	1244	1269	rBV2	551413	1398899	100.00%	10.320%
30	5.495	1367	1370	1371	rBV	451	267	0.02%	0.002%
31	5.550	1384	1387	1390	rVB3	679	340	0.02%	0.003%
32	5.659	1407	1421	1453	rBV	505816	1002012	71.63%	7.392%
33	5.900	1493	1496	1498	rBV2	373	264	0.02%	0.002%
34	5.945	1498	1510	1525	rVV3	12768	26282	1.88%	0.194%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
 Title : VOC Analysis

35	6.016	1530	1532	1533	rBV3	668	243	0.02%	0.002%
36	6.064	1543	1547	1548	rBV2	439	372	0.03%	0.003%
37	6.113	1548	1562	1585	rVV	315369	635684	45.44%	4.690%
38	6.392	1647	1649	1655	rBV2	518	351	0.03%	0.003%
39	6.425	1656	1659	1661	rVB2	520	307	0.02%	0.002%
40	6.441	1661	1664	1667	rBV3	685	481	0.03%	0.004%
41	6.531	1690	1692	1696	rBV	358	300	0.02%	0.002%
42	6.650	1726	1729	1731	rBV3	349	281	0.02%	0.002%
43	6.685	1734	1740	1742	rBV5	952	984	0.07%	0.007%
44	6.791	1771	1773	1776	rBV2	526	388	0.03%	0.003%
45	6.865	1793	1796	1797	rBV	679	242	0.02%	0.002%
46	6.952	1821	1823	1826	rVB	464	234	0.02%	0.002%
47	7.026	1831	1846	1869	rBV	200405	354905	25.37%	2.618%
48	7.357	1935	1949	1968	rBV	696612	1208033	86.36%	8.912%
49	7.659	2031	2043	2061	rVV	143986	241407	17.26%	1.781%
50	7.910	2118	2121	2123	rBV2	469	388	0.03%	0.003%
51	8.013	2148	2153	2160	rVB7	1646	1933	0.14%	0.014%
52	8.125	2177	2188	2218	rBV	393209	687412	49.14%	5.071%
53	8.463	2292	2293	2296	rBV	444	223	0.02%	0.002%
54	8.495	2300	2303	2310	rVB5	671	576	0.04%	0.004%
55	8.524	2310	2312	2315	rBV3	525	375	0.03%	0.003%
56	8.682	2356	2361	2362	rBV2	458	358	0.03%	0.003%
57	8.756	2382	2384	2386	rBV	448	247	0.02%	0.002%
58	8.772	2387	2389	2392	rVB	420	221	0.02%	0.002%
59	8.891	2413	2426	2452	rBV	767139	1219880	87.20%	8.999%
60	9.096	2488	2490	2492	rBV2	483	245	0.02%	0.002%
61	9.132	2499	2501	2504	rBV2	458	274	0.02%	0.002%
62	9.222	2527	2529	2535	rVB4	554	353	0.03%	0.003%
63	9.270	2541	2544	2547	rBV2	461	304	0.02%	0.002%
64	9.286	2547	2549	2551	rVB2	619	243	0.02%	0.002%
65	9.412	2585	2588	2590	rBV2	569	247	0.02%	0.002%
66	9.437	2594	2596	2600	rBV4	498	435	0.03%	0.003%
67	9.489	2608	2612	2614	rBV2	508	291	0.02%	0.002%
68	9.743	2687	2691	2693	rBV	522	313	0.02%	0.002%
69	9.781	2701	2703	2708	rVB2	422	253	0.02%	0.002%
70	9.810	2709	2712	2714	rVB	479	287	0.02%	0.002%
71	9.868	2729	2730	2732	rBV2	596	289	0.02%	0.002%

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72	9.952	2752	2756	2759	rBV4	615	624	0.04%	0.005%
73	10.016	2773	2776	2779	rBV2	652	367	0.03%	0.003%
74	10.080	2794	2796	2801	rVB4	615	394	0.03%	0.003%
75	10.141	2813	2815	2819	rBB2	462	278	0.02%	0.002%
76	10.183	2825	2828	2830	rBV2	448	285	0.02%	0.002%
77	10.254	2837	2850	2867	rBV	407732	642753	45.95%	4.742%
78	10.367	2883	2885	2889	rVB3	662	379	0.03%	0.003%
79	10.476	2914	2919	2920	rBV4	900	597	0.04%	0.004%
80	10.572	2946	2949	2951	rBV3	974	650	0.05%	0.005%
81	10.611	2959	2961	2963	rBV2	782	416	0.03%	0.003%
82	10.759	3004	3007	3009	rVB2	591	310	0.02%	0.002%
83	10.775	3009	3012	3014	rBV2	580	335	0.02%	0.002%
84	10.852	3032	3036	3038	rVB2	414	300	0.02%	0.002%
85	10.887	3045	3047	3049	rBV2	443	253	0.02%	0.002%
86	10.952	3062	3067	3078	rVB5	2623	4093	0.29%	0.030%
87	10.993	3078	3080	3084	rBV3	515	433	0.03%	0.003%
88	11.035	3084	3093	3098	rVB8	1876	3225	0.23%	0.024%
89	11.074	3102	3105	3108	rBV3	872	685	0.05%	0.005%
90	11.174	3132	3136	3139	rVB2	743	505	0.04%	0.004%
91	11.202	3139	3145	3146	rBV4	579	535	0.04%	0.004%
92	11.289	3160	3172	3192	rBV	801909	1249730	89.34%	9.220%
93	11.665	3277	3289	3306	rBV	697606	1098427	78.52%	8.103%
94	13.543	3864	3873	3897	rVB	291724	475537	33.99%	3.508%
95	14.675	4215	4225	4242	rBV	329922	512829	36.66%	3.783%
96	14.858	4273	4282	4300	rVB	176078	286478	20.48%	2.113%
97	15.408	4445	4453	4464	rVB	99634	146796	10.49%	1.083%
98	15.710	4538	4547	4562	rBV	143404	242479	17.33%	1.789%
99	15.855	4584	4592	4599	rBV	154667	242006	17.30%	1.785%
100	16.324	4729	4738	4754	rVB3	200888	399362	28.55%	2.946%

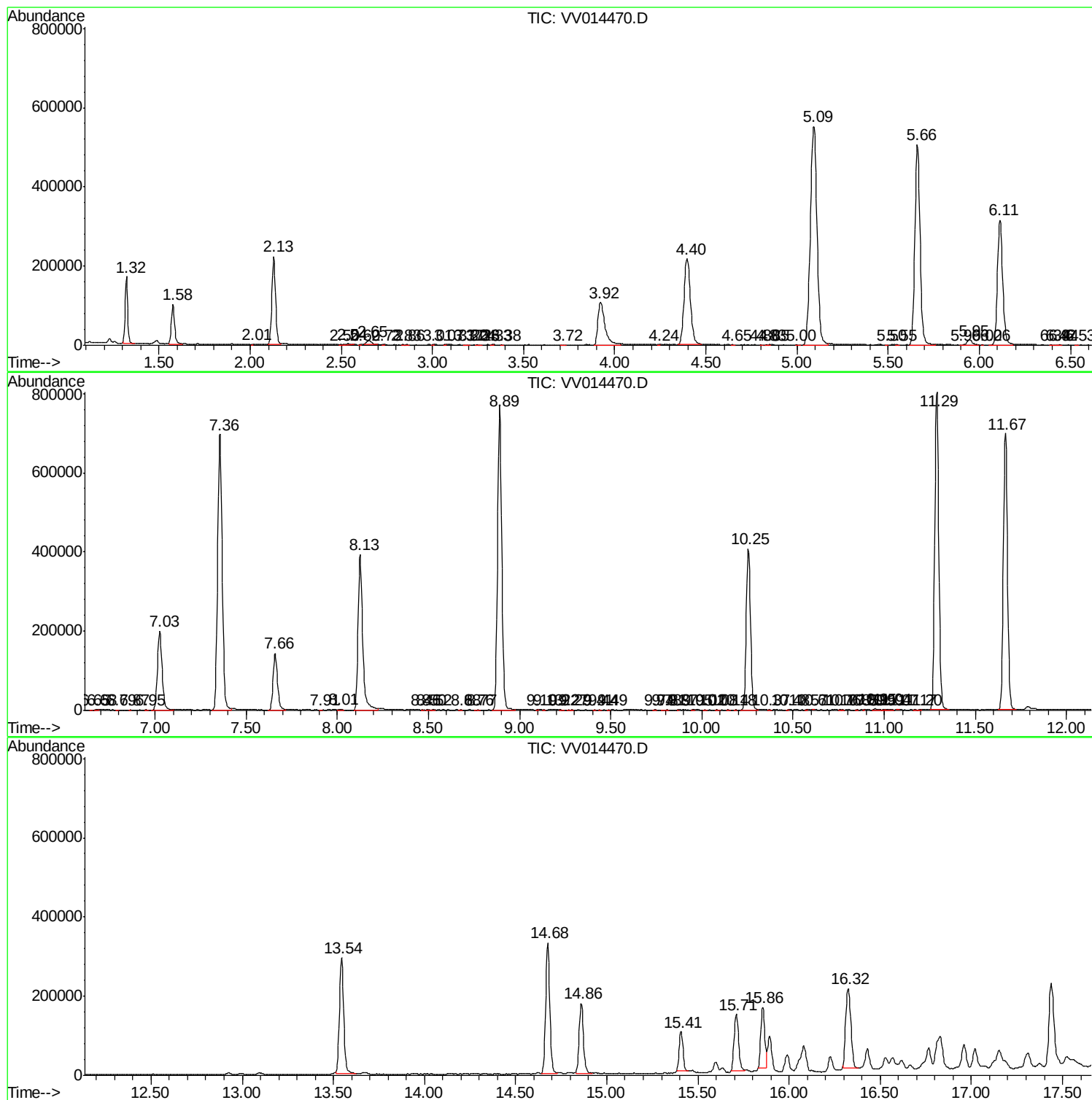
Sum of corrected areas: 13555050

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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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



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ALS Vial : 25 Sample Multiplier: 1

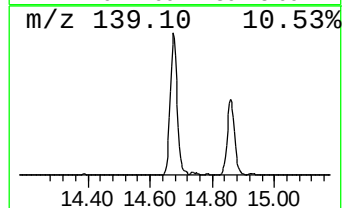
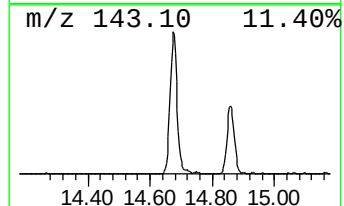
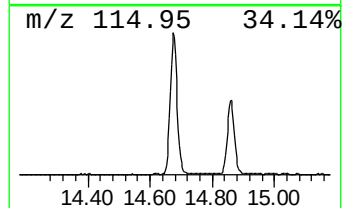
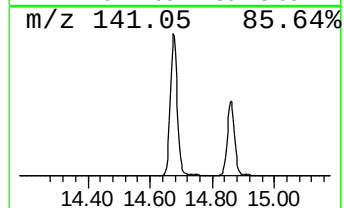
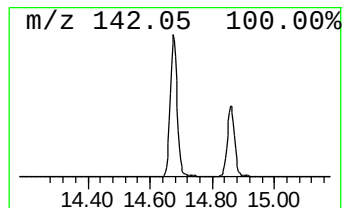
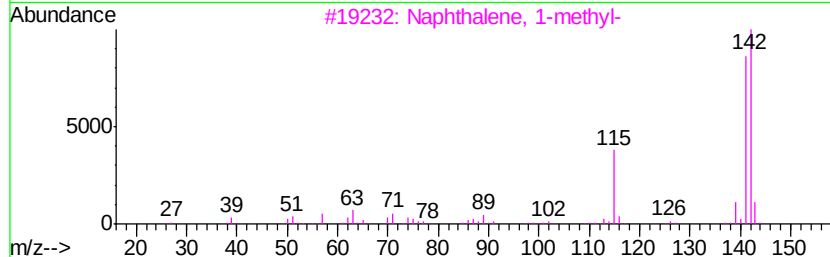
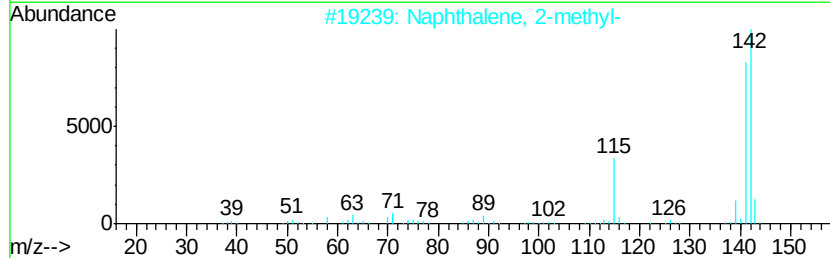
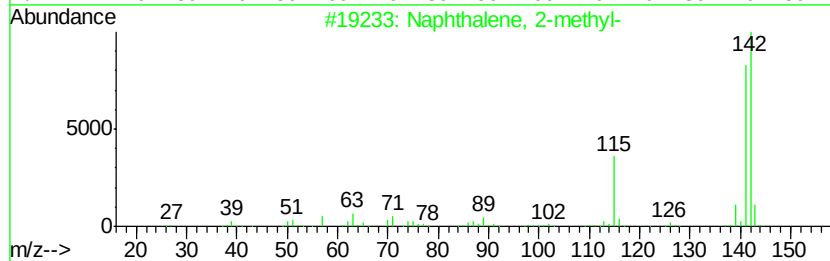
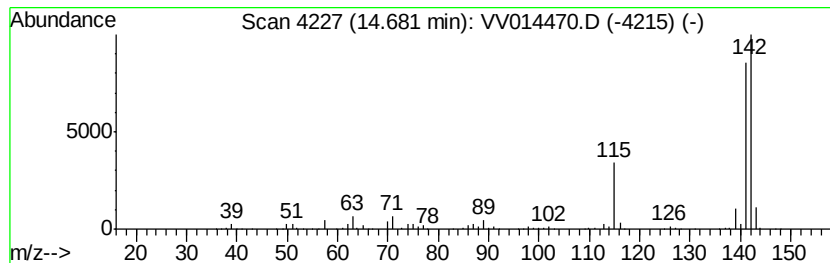
Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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	20.52 ug/L	512829	1,4-Dichlorobenzene-d4	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
2		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
3		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 96
4		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 94
5		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 94



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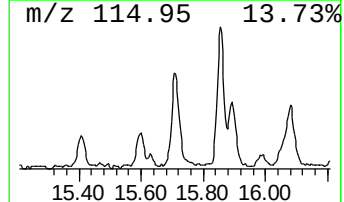
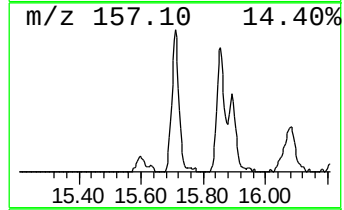
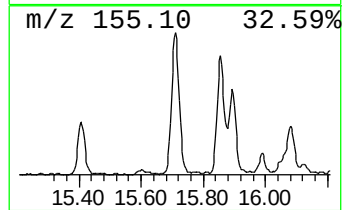
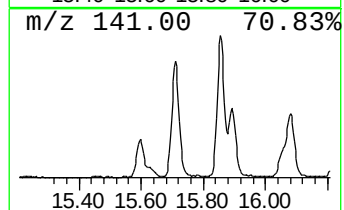
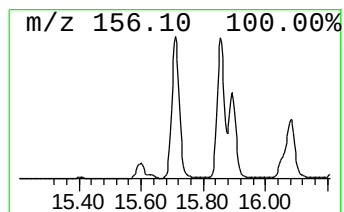
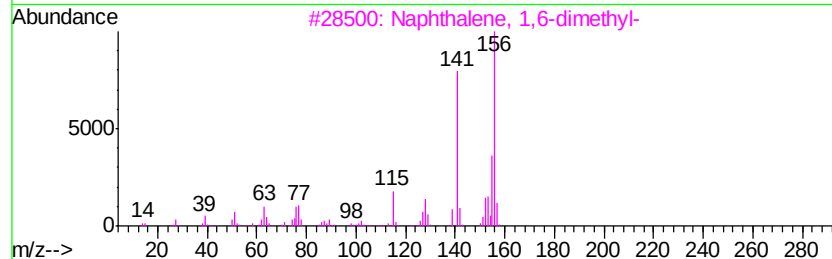
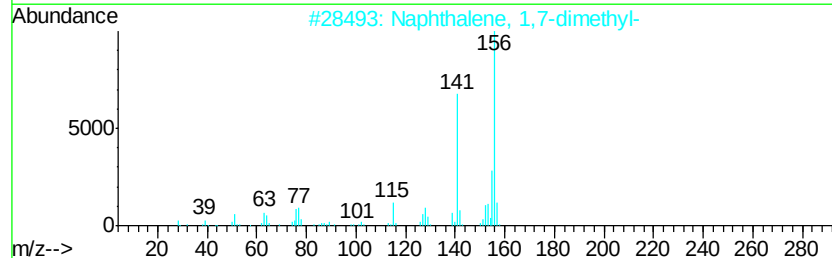
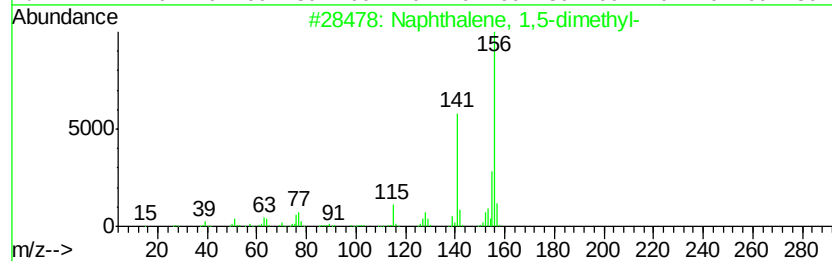
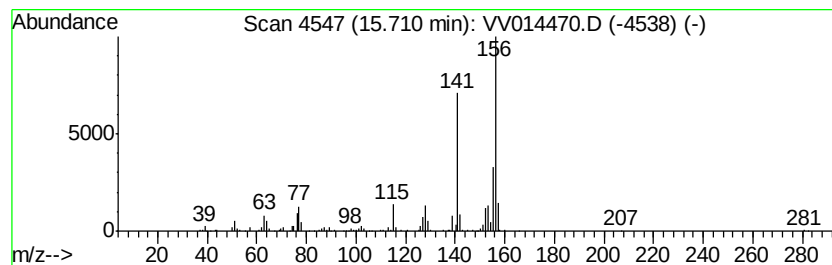
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.71	9.70 ug/L	242479	1,4-Dichlorobenzene-d4	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



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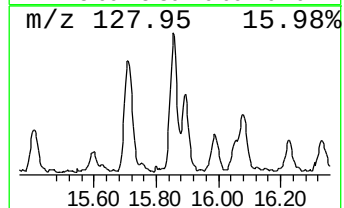
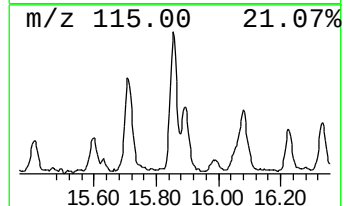
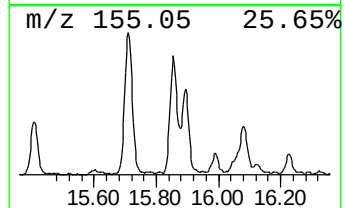
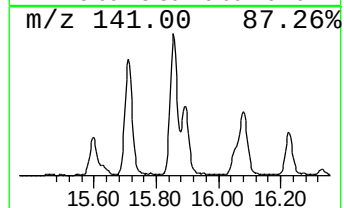
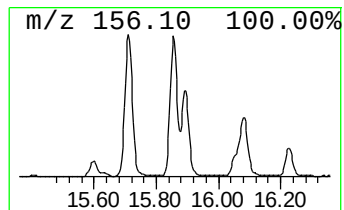
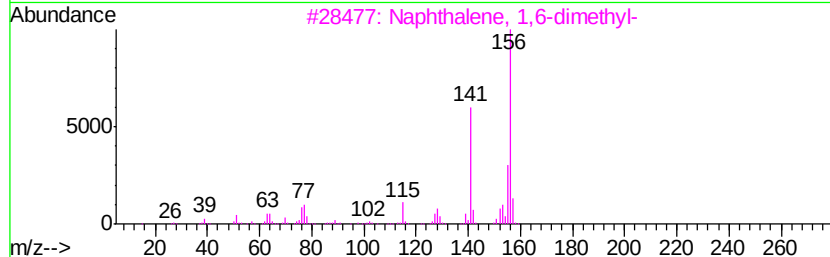
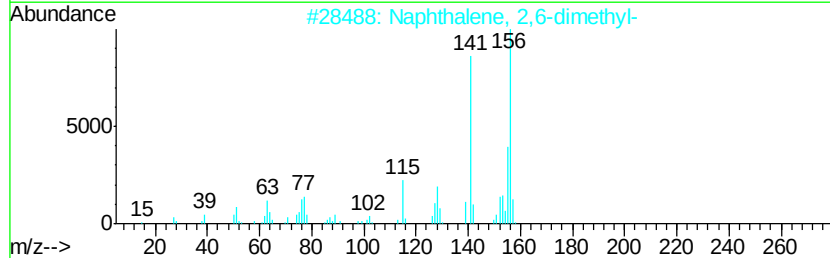
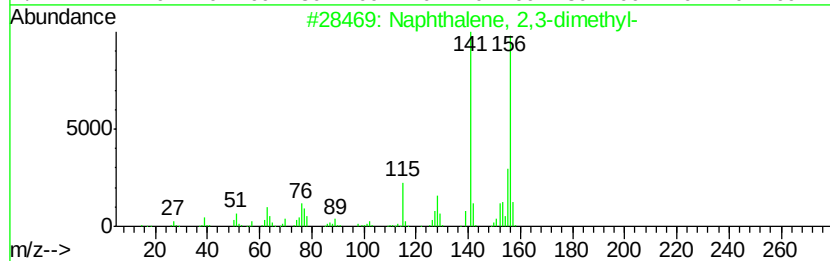
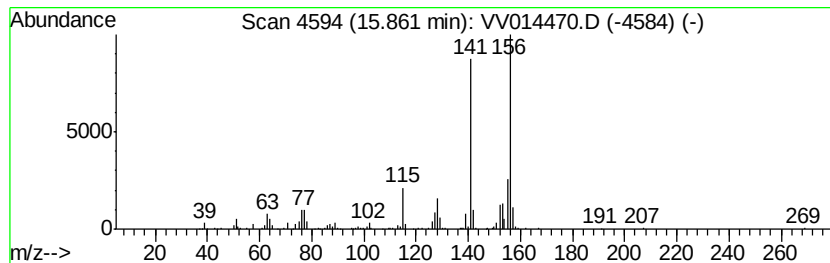
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Quant Title : VOC Analysis

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	9.68 ug/L	242006	1,4-Dichlorobenzene-d4	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV020120\
Data File : VV014470.D
Acq On : 31 Jan 2020 23:22
Operator : SY/MD
Sample : L1323-02 10X
Misc : 5.07µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAT42

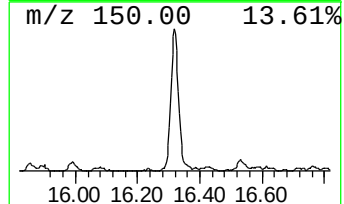
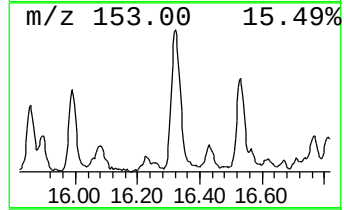
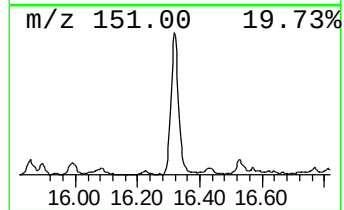
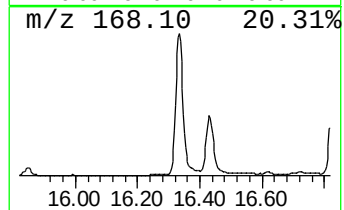
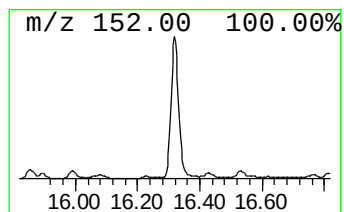
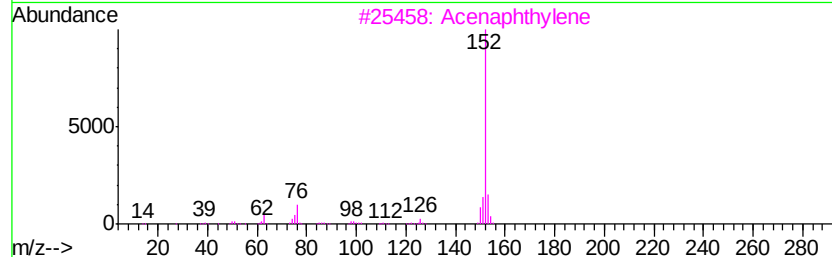
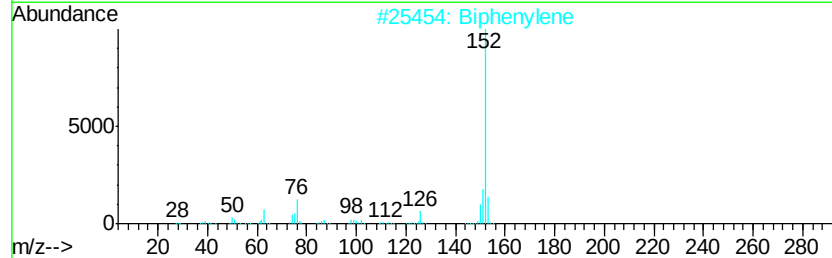
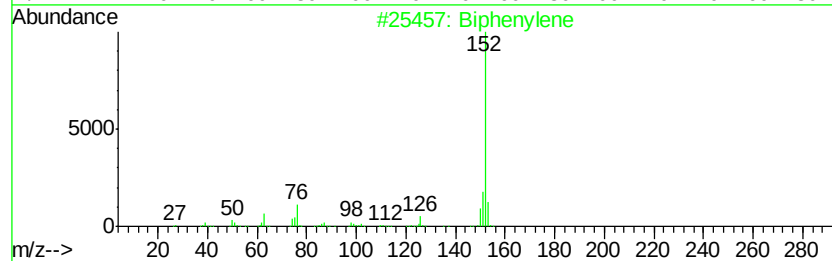
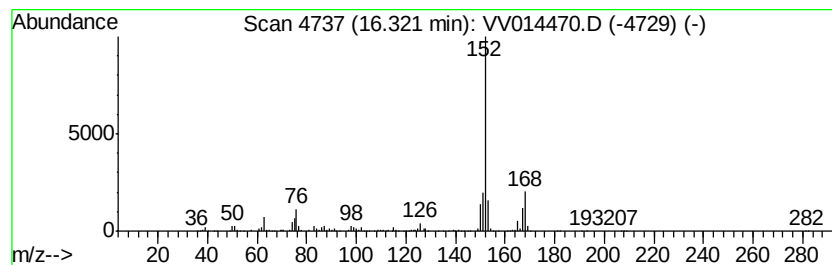
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Quant Title : VOC Analysis

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

Peak Number 8 Biphenylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	15.98 ug/L	399362	1,4-Dichlorobenzene-d4	11.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene		152	C12H8	000259-79-0	89
2	Biphenylene		152	C12H8	000259-79-0	89
3	Acenaphthylene		152	C12H8	000208-96-8	76
4	Acenaphthylene		152	C12H8	000208-96-8	64
5	Acenaphthylene		152	C12H8	000208-96-8	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014470.D
Acq On : 31 Jan 2020 23:22
Operator : SY/MD
Sample : L1323-02 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAT42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.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	20.5	ug/L	512829	3	11.29	1249730	50.0
Naphthalene, 1,5-...	15.71	9.7	ug/L	242479	3	11.29	1249730	50.0
Naphthalene, 2,3-...	15.86	9.7	ug/L	242006	3	11.29	1249730	50.0
Biphenylene	16.32	16.0	ug/L	399362	3	11.29	1249730	50.0