

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\
 Data File : VV010729.D
 Acq On : 08 May 2019 16:05
 Operator : SY/MD
 Sample : K2633-14
 Misc : 5.05G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAJA6

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\SOM2VLM050719S.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	67	72	80	rVB	9096	8768	15.81%	1.774%
2	1.582	149	153	162	rVB	7699	8490	15.31%	1.717%
3	2.135	315	325	334	rBV	12120	18223	32.85%	3.686%
4	2.197	341	344	347	rBV	432	263	0.47%	0.053%
5	2.290	369	373	376	rBV	217	185	0.33%	0.037%
6	2.315	376	381	384	rBV	444	446	0.80%	0.090%
7	2.415	407	412	414	rBV2	237	276	0.50%	0.056%
8	2.541	442	451	464	rVB2	5965	9375	16.90%	1.896%
9	2.733	509	511	518	rVB2	210	252	0.45%	0.051%
10	2.772	518	523	527	rBV2	301	289	0.52%	0.058%
11	2.820	535	538	543	rBV2	229	264	0.48%	0.053%
12	3.081	612	619	628	rVB4	1339	2257	4.07%	0.457%
13	3.119	628	631	633	rBV	300	249	0.45%	0.050%
14	3.245	667	670	673	rBV	227	195	0.35%	0.039%
15	3.287	681	683	686	rBV	198	163	0.29%	0.033%
16	3.335	694	698	701	rBV	188	181	0.33%	0.037%
17	3.637	790	792	795	rVV2	269	185	0.33%	0.037%
18	3.656	795	798	804	rVB	252	187	0.34%	0.038%
19	3.698	808	811	817	rVB2	303	273	0.49%	0.055%
20	3.749	823	827	829	rBV2	213	171	0.31%	0.035%
21	3.772	829	834	837	rBV	195	235	0.42%	0.048%
22	3.878	862	867	870	rBV2	220	236	0.43%	0.048%
23	3.946	881	888	890	rBV2	1253	1446	2.61%	0.292%
24	4.187	958	963	968	rBV2	266	379	0.68%	0.077%
25	4.341	1009	1011	1013	rBV	235	147	0.27%	0.030%
26	4.405	1018	1031	1050	rVV3	9189	22559	40.67%	4.563%
27	4.598	1084	1091	1092	rBV	267	287	0.52%	0.058%
28	4.647	1103	1106	1111	rVB	244	177	0.32%	0.036%
29	4.669	1111	1113	1117	rVB	260	152	0.27%	0.031%
30	4.701	1119	1123	1126	rBV2	216	138	0.25%	0.028%
31	4.753	1136	1139	1142	rVB	245	143	0.26%	0.029%
32	4.772	1143	1145	1149	rBV2	184	151	0.27%	0.031%
33	4.817	1156	1159	1162	rBV2	297	276	0.50%	0.056%
34	4.865	1168	1174	1177	rBV2	264	289	0.52%	0.058%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : VOC Analysis

35	4.978	1205	1209	1213	rBV2	334	314	0.57%	0.064%
36	5.100	1231	1247	1268	rBV5	21348	55467	100.00%	11.220%
37	5.245	1290	1292	1295	rVB	338	158	0.28%	0.032%
38	5.280	1301	1303	1306	rVB	309	178	0.32%	0.036%
39	5.528	1377	1380	1383	rBV	307	200	0.36%	0.040%
40	5.550	1383	1387	1391	rVV2	254	240	0.43%	0.049%
41	5.602	1400	1403	1406	rBV	234	208	0.37%	0.042%
42	5.669	1411	1424	1444	rBV2	17522	36737	66.23%	7.431%
43	5.782	1456	1459	1464	rBV	369	378	0.68%	0.076%
44	5.878	1484	1489	1491	rBV2	201	180	0.32%	0.036%
45	6.029	1531	1536	1539	rVB	254	237	0.43%	0.048%
46	6.052	1539	1543	1545	rBV	251	147	0.27%	0.030%
47	6.119	1554	1564	1585	rBV3	12354	24715	44.56%	4.999%
48	6.264	1606	1609	1613	rBV	272	246	0.44%	0.050%
49	6.322	1624	1627	1634	rBV2	240	313	0.56%	0.063%
50	6.476	1667	1675	1679	rBV	340	453	0.82%	0.092%
51	6.505	1679	1684	1688	rVV2	171	187	0.34%	0.038%
52	6.585	1704	1709	1712	rBV	296	268	0.48%	0.054%
53	6.685	1738	1740	1743	rBV2	210	137	0.25%	0.028%
54	6.765	1761	1765	1768	rBV2	286	261	0.47%	0.053%
55	6.798	1772	1775	1785	rVB2	312	439	0.79%	0.089%
56	6.936	1811	1818	1821	rBV2	290	401	0.72%	0.081%
57	7.032	1840	1848	1865	rVB3	6047	10271	18.52%	2.078%
58	7.103	1866	1870	1874	rBV	171	154	0.28%	0.031%
59	7.158	1884	1887	1889	rBV2	214	167	0.30%	0.034%
60	7.270	1919	1922	1926	rVB	204	174	0.31%	0.035%
61	7.364	1940	1951	1967	rBV2	22778	41312	74.48%	8.357%
62	7.476	1983	1986	1991	rVB2	274	278	0.50%	0.056%
63	7.669	2038	2046	2056	rBV3	3384	5508	9.93%	1.114%
64	8.064	2162	2169	2172	rBV	275	288	0.52%	0.058%
65	8.138	2185	2192	2204	rBV7	2905	5382	9.70%	1.089%
66	8.286	2235	2238	2240	rBV2	223	179	0.32%	0.036%
67	8.418	2276	2279	2286	rVB	308	321	0.58%	0.065%
68	8.460	2286	2292	2294	rBV2	235	220	0.40%	0.045%
69	8.492	2298	2302	2307	rBV	165	198	0.36%	0.040%
70	8.569	2321	2326	2331	rBV2	280	425	0.77%	0.086%
71	8.897	2418	2428	2445	rBV2	24549	40379	72.80%	8.168%

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72	8.990	2454	2457	2461	rBV2	270	273	0.49%	0.055%
73	9.289	2546	2550	2555	rBV	278	333	0.60%	0.067%
74	9.521	2619	2622	2625	rBV2	211	187	0.34%	0.038%
75	9.588	2640	2643	2646	rBV	267	186	0.34%	0.038%
76	9.624	2651	2654	2660	rVB2	232	244	0.44%	0.049%
77	9.653	2660	2663	2667	rBV2	206	201	0.36%	0.041%
78	9.698	2671	2677	2681	rBV2	283	399	0.72%	0.081%
79	9.900	2736	2740	2746	rVB	280	384	0.69%	0.078%
80	9.939	2746	2752	2755	rBV	389	473	0.85%	0.096%
81	10.035	2777	2782	2784	rBV	276	302	0.54%	0.061%
82	10.261	2844	2852	2864	rVB2	9964	15067	27.16%	3.048%
83	10.334	2872	2875	2879	rBV2	190	159	0.29%	0.032%
84	10.402	2893	2896	2899	rBV2	222	186	0.34%	0.038%
85	10.695	2982	2987	2989	rBV2	283	232	0.42%	0.047%
86	10.849	3032	3035	3038	rBV2	170	135	0.24%	0.027%
87	11.296	3165	3174	3188	rVB2	15506	24564	44.29%	4.969%
88	11.672	3282	3291	3306	rBV3	18191	29143	52.54%	5.895%
89	12.199	3452	3455	3458	rBV2	331	280	0.50%	0.057%
90	12.518	3550	3554	3558	rVV	539	494	0.89%	0.100%
91	12.993	3698	3702	3704	rBV2	758	661	1.19%	0.134%
92	13.103	3730	3736	3742	rVB3	1440	1900	3.43%	0.384%
93	13.553	3867	3876	3888	rVB	29301	44965	81.07%	9.096%
94	13.672	3911	3913	3917	rBV2	376	249	0.45%	0.050%
95	14.682	4218	4227	4244	rBV	20617	31549	56.88%	6.382%
96	14.868	4274	4285	4296	rVB3	14603	22197	40.02%	4.490%
97	14.919	4298	4301	4303	rBV2	283	153	0.28%	0.031%
98	15.415	4448	4455	4463	rVB3	5469	7355	13.26%	1.488%
99	15.717	4542	4549	4558	rBV4	2459	3970	7.16%	0.803%
100	15.858	4589	4593	4601	rBV6	2975	3696	6.66%	0.748%

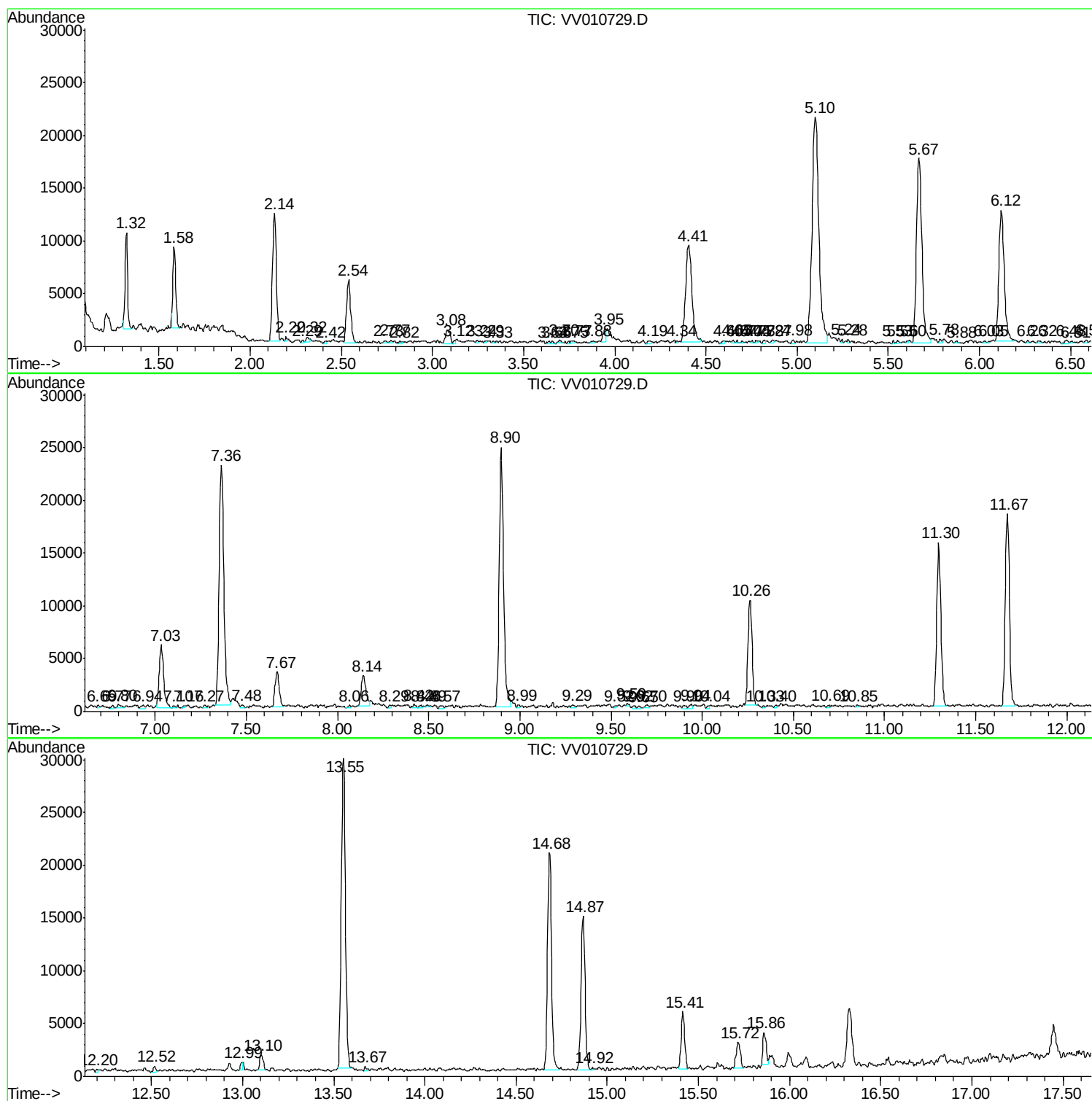
Sum of corrected areas: 494364

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

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



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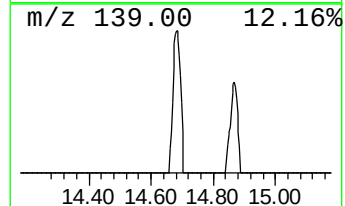
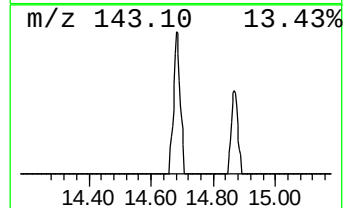
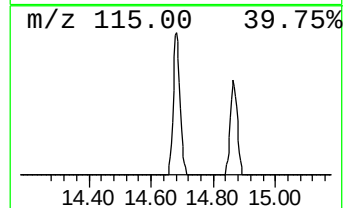
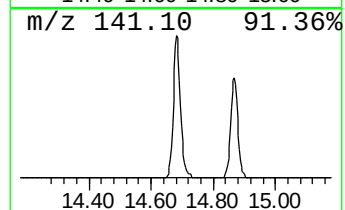
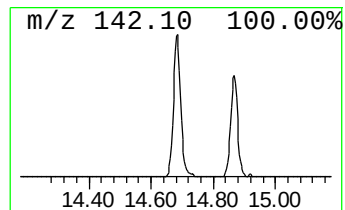
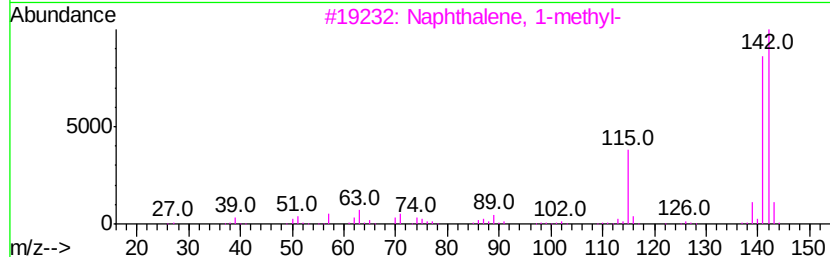
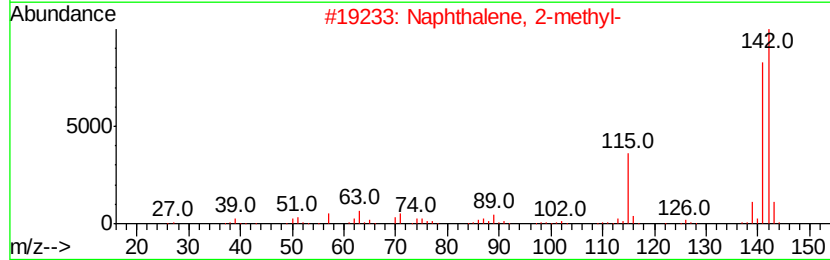
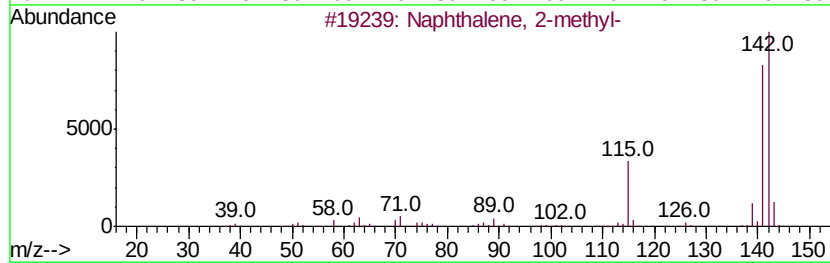
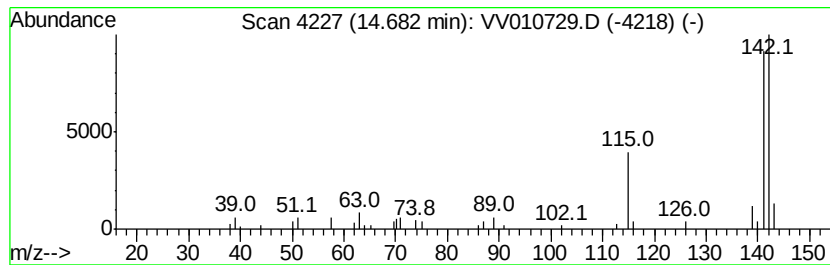
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

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

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	32.11 ug/L	31549	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91



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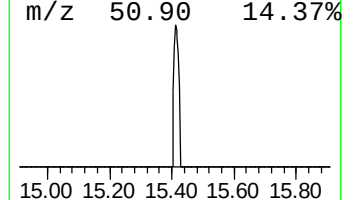
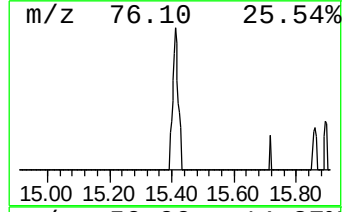
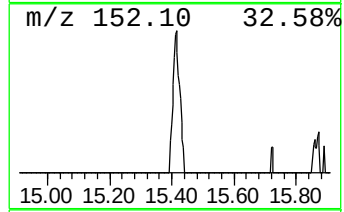
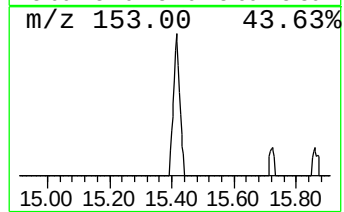
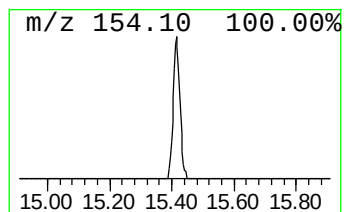
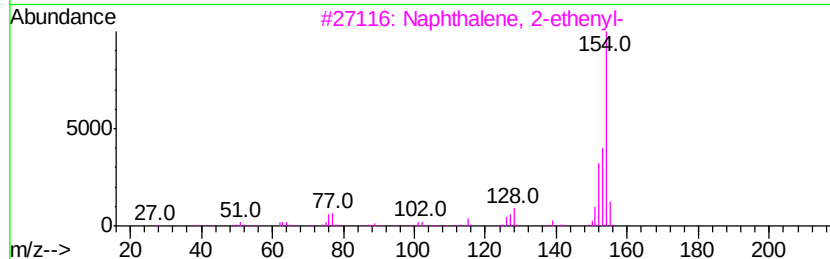
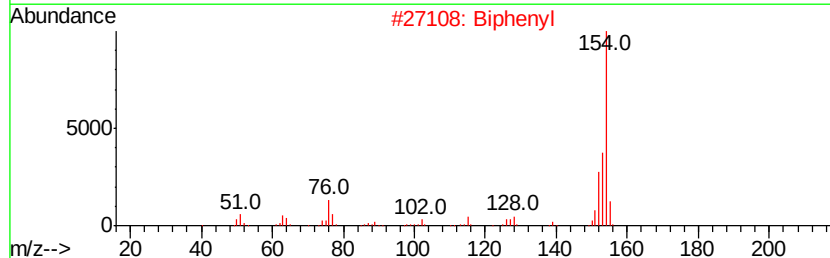
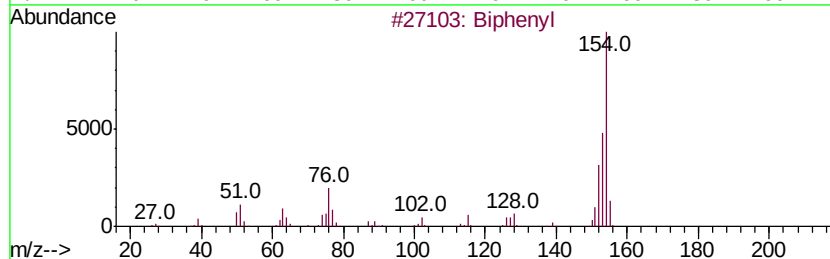
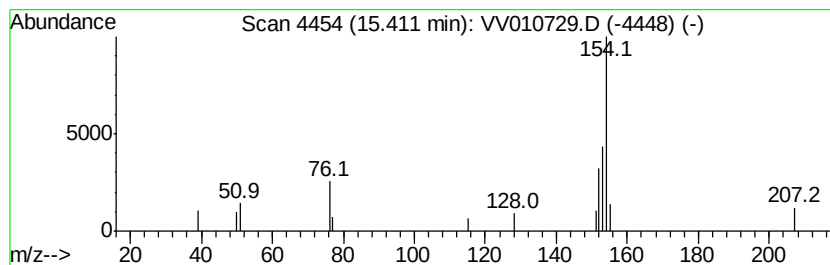
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

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

Peak Number 7 Biphenyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	7.49 ug/L	7355	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Biphenyl	154	C12H10	000092-52-4	87
2		Biphenyl	154	C12H10	000092-52-4	64
3		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64
4		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64
5		Biphenyl	154	C12H10	000092-52-4	64



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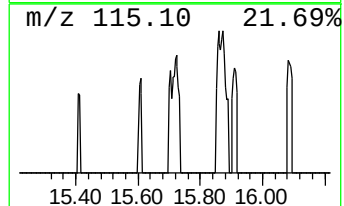
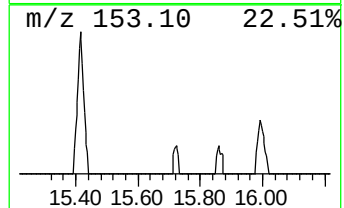
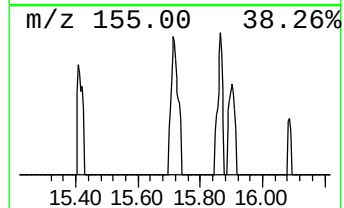
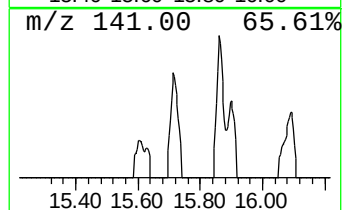
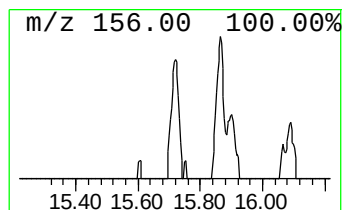
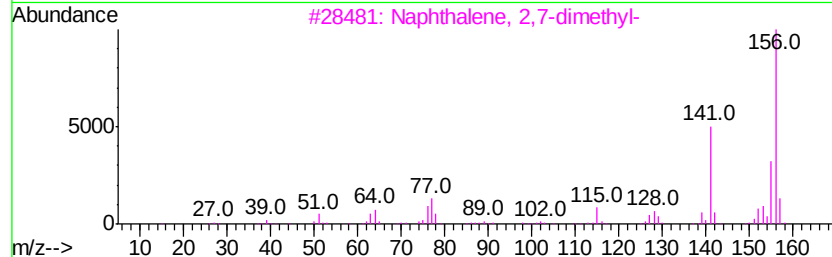
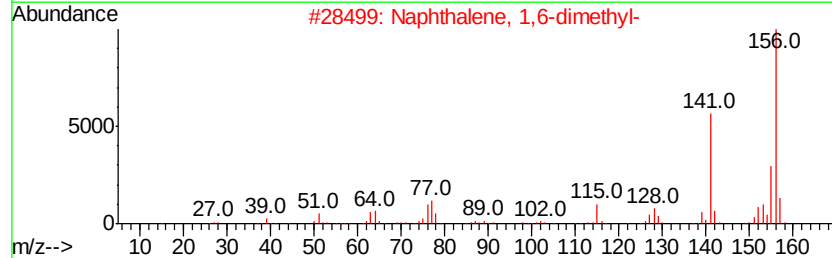
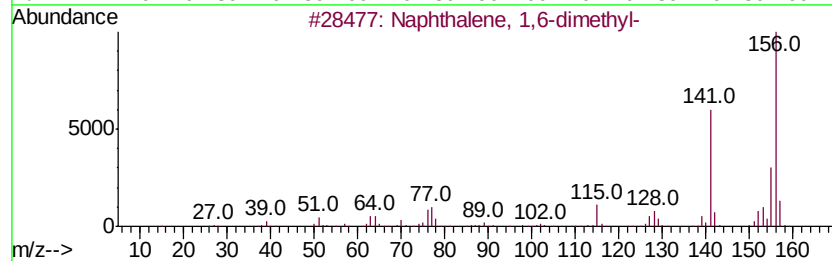
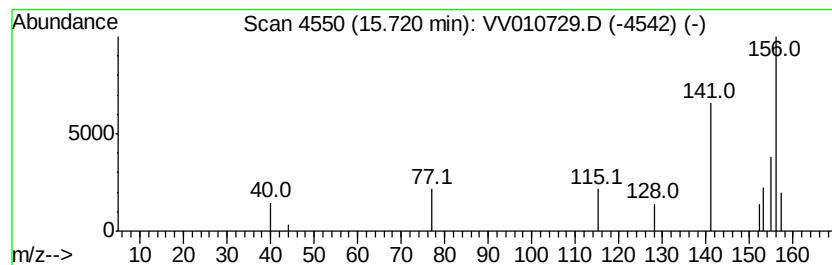
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ClientSampleId :
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	4.04 ug/L	3970	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 90
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 90
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 90
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 87
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 87



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Misc : 5.05G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

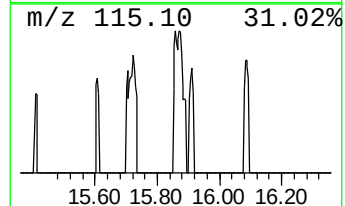
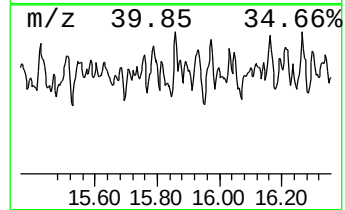
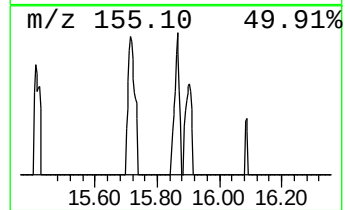
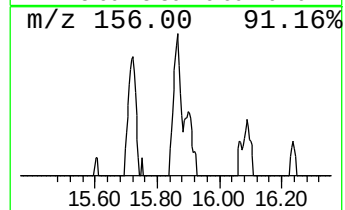
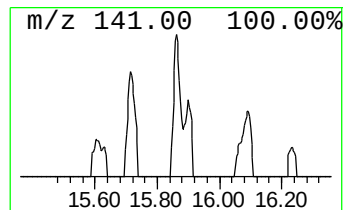
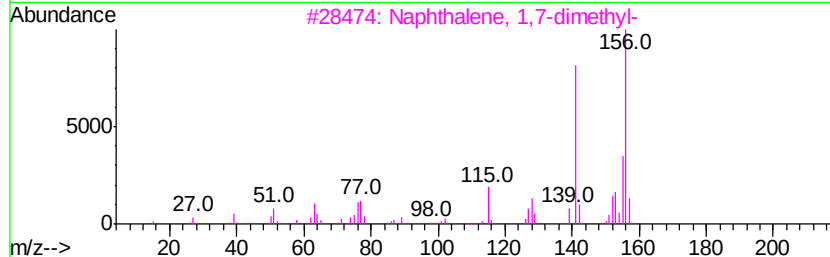
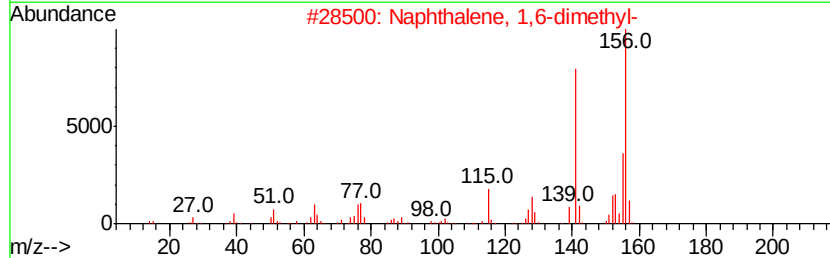
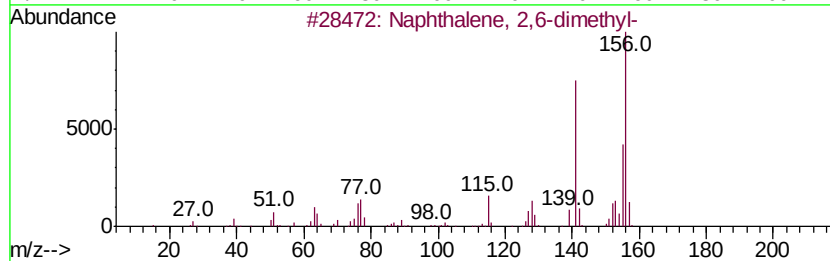
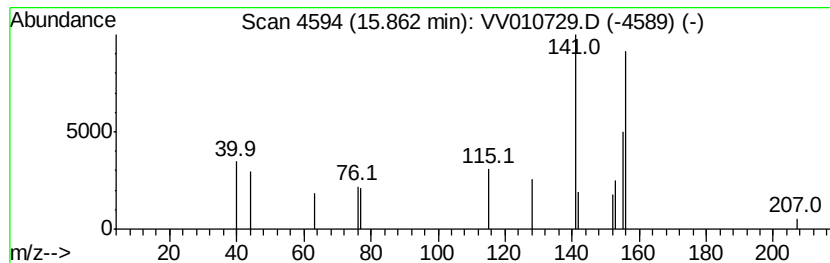
Instrument :
MSVOA_V
ClientSampleId :
GAJA6

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

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

Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	3.76 ug/L	3696	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 80
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 74
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 74
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 72
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010729.D
Acq On : 08 May 2019 16:05
Operator : SY/MD
Sample : K2633-14
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJA6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.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	32.1	ug/L	31549	3	11.30	24564	25.0
Biphenyl	15.41	7.5	ug/L	7355	3	11.30	24564	25.0
Naphthalene, 1,6-...	15.72	4.0	ug/L	3970	3	11.30	24564	25.0
Naphthalene, 2,6-...	15.86	3.8	ug/L	3696	3	11.30	24564	25.0