

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010397.D
 Acq On : 19 Apr 2019 21:48
 Operator : SY/MD
 Sample : K2456-13
 Misc : 5.01G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHN3

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	1.579	147	152	163	rVB	65627	79792	3.60%	0.653%
2	2.126	314	322	332	rVB	158466	217452	9.81%	1.780%
3	2.537	438	450	464	rBV	47178	80331	3.63%	0.657%
4	2.614	470	474	476	rBV2	401	292	0.01%	0.002%
5	2.663	482	489	491	rBV5	1010	1175	0.05%	0.010%
6	2.743	511	514	517	rBV2	373	268	0.01%	0.002%
7	2.772	520	523	526	rVV2	628	327	0.01%	0.003%
8	2.920	566	569	572	rBV	615	394	0.02%	0.003%
9	2.968	581	584	591	rBV3	853	802	0.04%	0.007%
10	2.997	591	593	595	rBV2	533	267	0.01%	0.002%
11	3.164	642	645	647	rBV3	738	492	0.02%	0.004%
12	3.277	675	680	684	rBV2	754	618	0.03%	0.005%
13	3.360	703	706	708	rBV2	517	355	0.02%	0.003%
14	3.402	717	719	721	rVB2	605	263	0.01%	0.002%
15	3.421	721	725	730	rBV2	578	496	0.02%	0.004%
16	3.479	739	743	744	rBV	508	299	0.01%	0.002%
17	3.563	767	769	774	rVB2	450	339	0.02%	0.003%
18	3.608	778	783	785	rBV	366	354	0.02%	0.003%
19	3.637	788	792	799	rVB2	534	476	0.02%	0.004%
20	3.720	816	818	823	rVB2	635	428	0.02%	0.004%
21	3.939	873	886	907	rBV	27732	78079	3.52%	0.639%
22	4.402	1012	1030	1054	rBV	122061	306759	13.84%	2.510%
23	4.666	1107	1112	1117	rBV4	536	709	0.03%	0.006%
24	4.717	1126	1128	1131	rBV	571	362	0.02%	0.003%
25	4.794	1149	1152	1156	rVB	815	419	0.02%	0.003%
26	4.820	1158	1160	1164	rVB3	682	452	0.02%	0.004%
27	4.852	1166	1170	1174	rBV3	492	452	0.02%	0.004%
28	4.952	1198	1201	1206	rVB2	452	346	0.02%	0.003%
29	4.974	1206	1208	1214	rVB3	407	387	0.02%	0.003%
30	5.003	1214	1217	1219	rBV3	665	359	0.02%	0.003%
31	5.097	1226	1246	1267	rBV3	273518	688309	31.06%	5.633%
32	5.399	1338	1340	1345	rBV	776	552	0.02%	0.005%
33	5.437	1349	1352	1354	rBV2	512	278	0.01%	0.002%
34	5.515	1369	1376	1380	rBV2	848	899	0.04%	0.007%

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 Title : VOC Analysis

35	5.662	1408	1422	1439	rBV	249373	499365	22.54%	4.087%
36	5.865	1482	1485	1488	rVB2	781	442	0.02%	0.004%
37	5.949	1503	1511	1521	rVV7	2713	5182	0.23%	0.042%
38	5.997	1522	1526	1529	rVB4	764	611	0.03%	0.005%
39	6.119	1550	1564	1584	rBV	162327	331659	14.97%	2.714%
40	6.293	1615	1618	1621	rBV2	587	355	0.02%	0.003%
41	6.344	1630	1634	1639	rBV5	1031	833	0.04%	0.007%
42	6.473	1671	1674	1678	rVB2	615	444	0.02%	0.004%
43	6.492	1678	1680	1684	rBV	435	357	0.02%	0.003%
44	6.650	1726	1729	1732	rBV	610	370	0.02%	0.003%
45	6.698	1734	1744	1753	rVV6	3577	6311	0.28%	0.052%
46	6.823	1768	1783	1791	rBV7	6323	13201	0.60%	0.108%
47	6.961	1822	1826	1828	rBV2	532	372	0.02%	0.003%
48	7.029	1835	1847	1864	rBV3	88461	160653	7.25%	1.315%
49	7.109	1869	1872	1877	rVB3	1018	628	0.03%	0.005%
50	7.235	1907	1911	1912	rBV	485	323	0.01%	0.003%
51	7.360	1939	1950	1966	rBV	313590	551948	24.91%	4.517%
52	7.585	2018	2020	2024	rVB3	636	431	0.02%	0.004%
53	7.605	2024	2026	2028	rBV2	572	311	0.01%	0.003%
54	7.662	2032	2044	2064	rBV2	57422	100576	4.54%	0.823%
55	7.801	2085	2087	2089	rBV2	596	359	0.02%	0.003%
56	7.955	2133	2135	2136	rBV	871	337	0.02%	0.003%
57	7.984	2136	2144	2153	rVV4	4568	7105	0.32%	0.058%
58	8.090	2173	2177	2178	rBV2	648	388	0.02%	0.003%
59	8.132	2181	2190	2221	rVV2	101204	190159	8.58%	1.556%
60	8.396	2268	2272	2275	rVB2	539	400	0.02%	0.003%
61	8.421	2275	2280	2283	rBV5	647	601	0.03%	0.005%
62	8.534	2312	2315	2320	rVB	349	289	0.01%	0.002%
63	8.563	2320	2324	2325	rBV	436	277	0.01%	0.002%
64	8.698	2362	2366	2371	rBV5	921	823	0.04%	0.007%
65	8.785	2390	2393	2396	rVB	617	391	0.02%	0.003%
66	8.897	2414	2428	2450	rBV	382319	647657	29.23%	5.300%
67	9.055	2472	2477	2483	rBV7	1720	2190	0.10%	0.018%
68	9.170	2509	2513	2515	rBV4	755	600	0.03%	0.005%
69	9.479	2604	2609	2612	rBV4	439	486	0.02%	0.004%
70	9.588	2640	2643	2644	rBV2	854	474	0.02%	0.004%
71	9.653	2661	2663	2665	rBV2	477	268	0.01%	0.002%

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72	9.720	2681	2684	2686	rBV	404	293	0.01%	0.002%
73	9.778	2699	2702	2706	rVB2	496	357	0.02%	0.003%
74	9.817	2711	2714	2717	rBV2	432	305	0.01%	0.002%
75	9.871	2728	2731	2735	rVB2	509	301	0.01%	0.002%
76	9.952	2745	2756	2767	rVV2	18750	30113	1.36%	0.246%
77	10.129	2809	2811	2814	rVB2	588	363	0.02%	0.003%
78	10.260	2841	2852	2869	rBV	176249	277300	12.51%	2.269%
79	10.360	2878	2883	2887	rBV3	660	702	0.03%	0.006%
80	10.424	2892	2903	2915	rVV3	9299	17015	0.77%	0.139%
81	10.582	2946	2952	2955	rBV5	1707	1818	0.08%	0.015%
82	10.768	3004	3010	3012	rBV4	533	526	0.02%	0.004%
83	10.958	3062	3069	3080	rVB6	4449	6618	0.30%	0.054%
84	11.035	3085	3093	3101	rVB5	3139	4352	0.20%	0.036%
85	11.193	3135	3142	3147	rBV6	2536	3088	0.14%	0.025%
86	11.296	3162	3174	3192	rBV	419539	672010	30.33%	5.499%
87	11.672	3280	3291	3306	rVB	388570	621814	28.06%	5.089%
88	11.942	3372	3375	3376	rBV2	678	386	0.02%	0.003%
89	12.042	3398	3406	3408	rBV5	1467	1659	0.07%	0.014%
90	12.157	3437	3442	3444	rBV2	993	917	0.04%	0.008%
91	12.299	3477	3486	3497	rVB	11376	16796	0.76%	0.137%
92	12.354	3500	3503	3504	rBV2	1045	532	0.02%	0.004%
93	12.637	3584	3591	3604	rBB2	4961	10234	0.46%	0.084%
94	13.103	3726	3736	3746	rBV5	31685	54352	2.45%	0.445%
95	13.550	3867	3875	3886	rVB	121024	183986	8.30%	1.506%
96	14.681	4217	4227	4245	rVB	1496693	2215875	100.00%	18.134%
97	14.865	4274	4284	4299	rVB	817068	1248232	56.33%	10.215%
98	15.604	4507	4514	4521	rBV	177207	253850	11.46%	2.077%
99	15.717	4538	4549	4574	rBV	888577	1474940	66.56%	12.070%
100	15.861	4585	4594	4601	rBV	729517	1130230	51.01%	9.249%

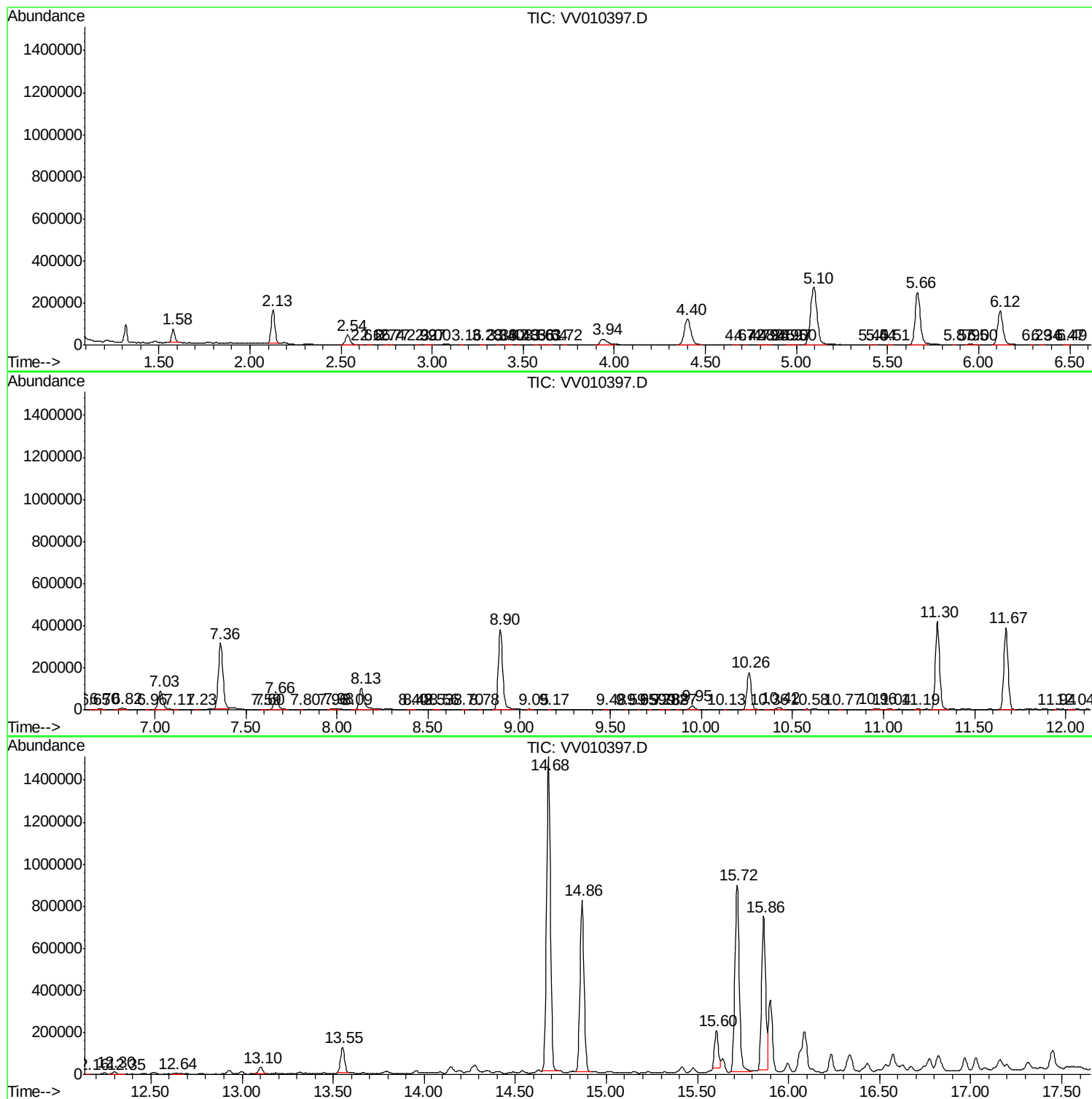
Sum of corrected areas: 12219722

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Quant Title : VOC Analysis

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



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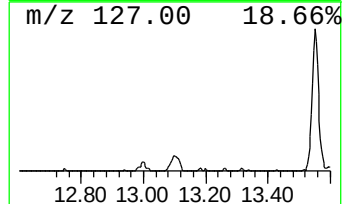
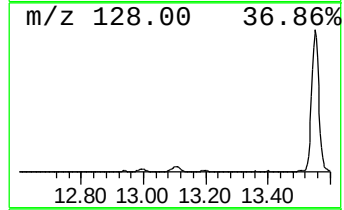
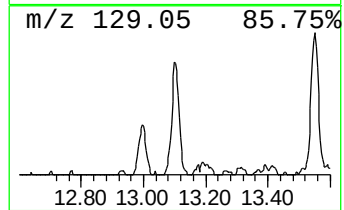
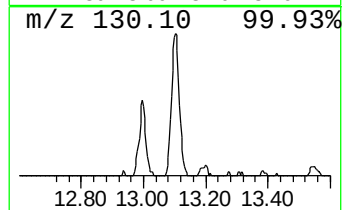
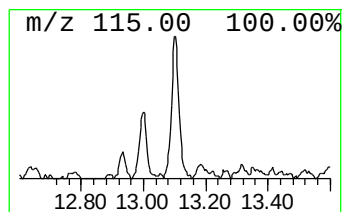
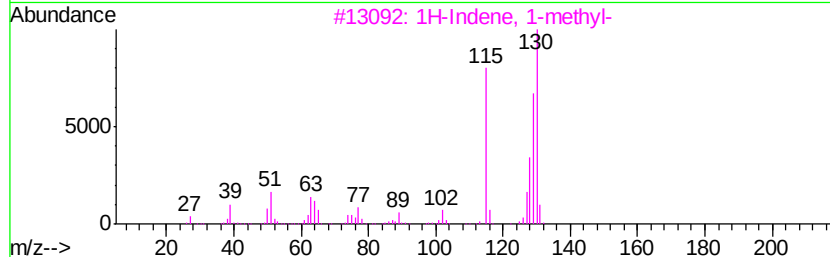
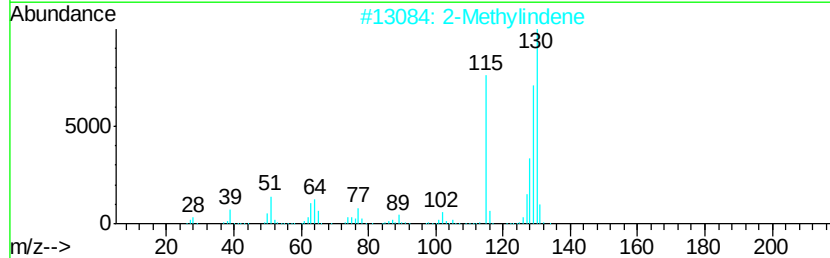
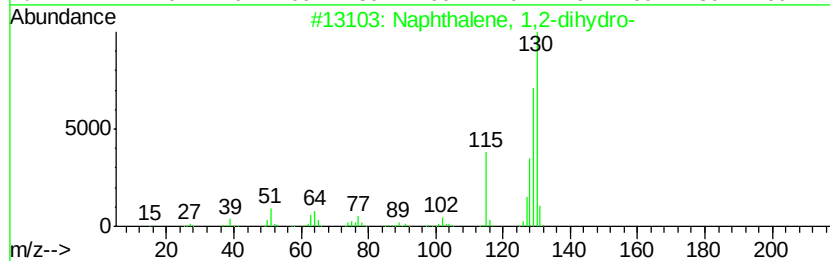
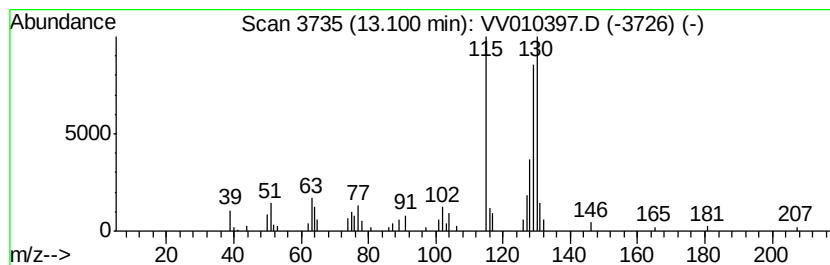
Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

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

Peak Number 2 Naphthalene, 1,2-dihydro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.02 ug/L	54352	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2-dihydro-	130 C10H10	000447-53-0 96
2		2-Methylindene	130 C10H10	002177-47-1 96
3		1H-Indene, 1-methyl-	130 C10H10	000767-59-9 96
4		Benzene,1-methyl-1,2-propadienyl-	130 C10H10	022433-39-2 95
5		Benzene, 1-butenyl-	130 C10H10	000622-76-4 94



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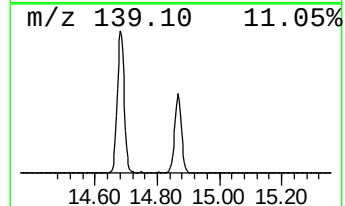
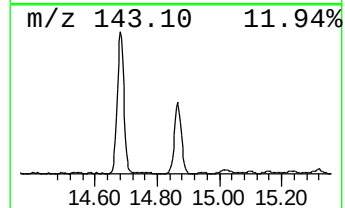
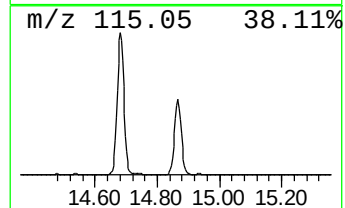
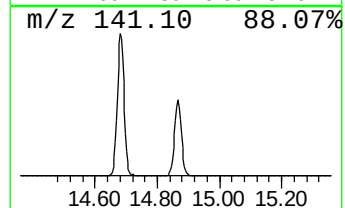
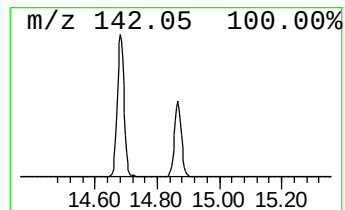
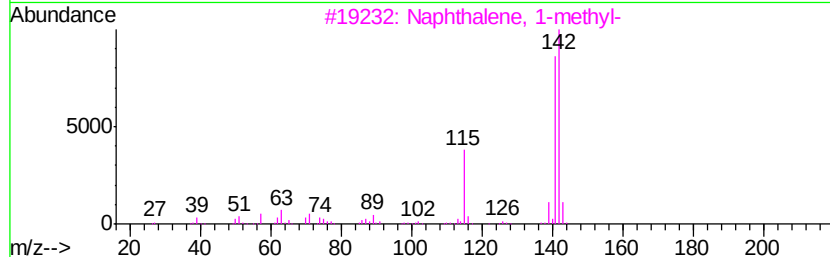
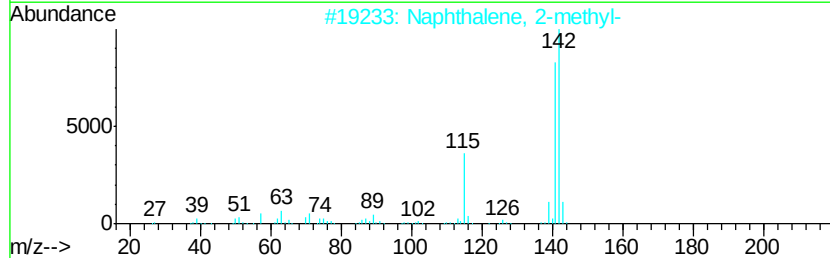
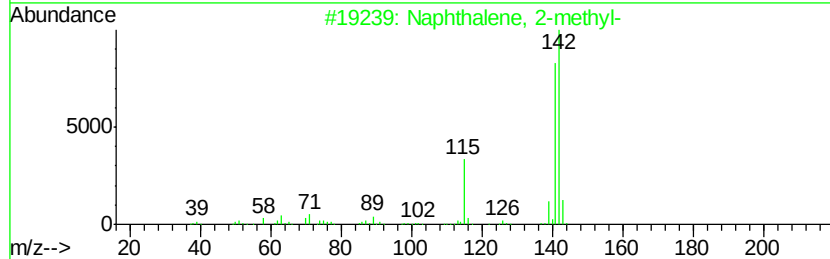
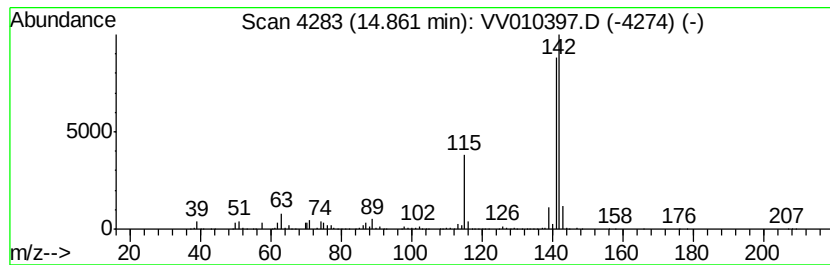
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

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

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	46.44 ug/L	1248230	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		Benzocycloheptatriene	142	C11H10	000264-09-5	91



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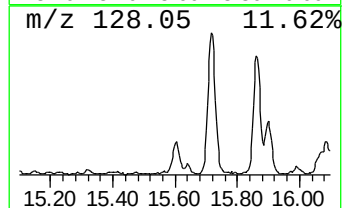
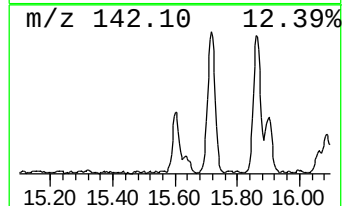
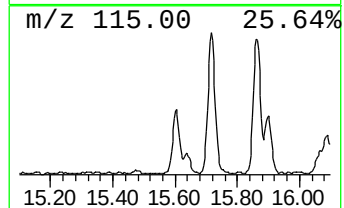
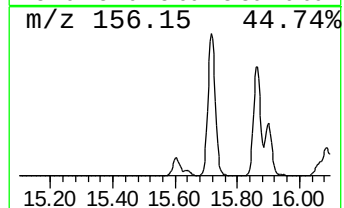
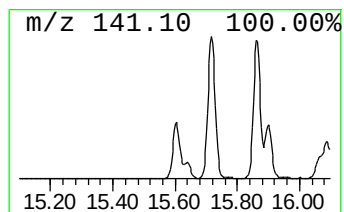
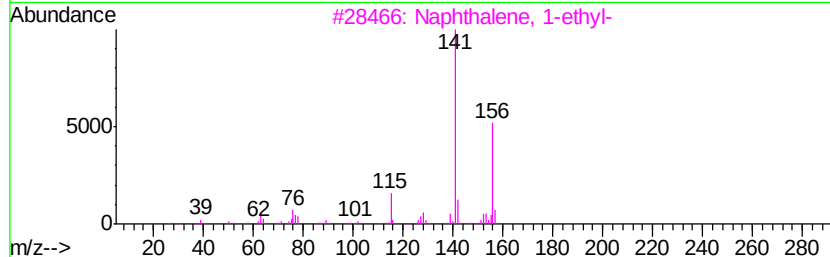
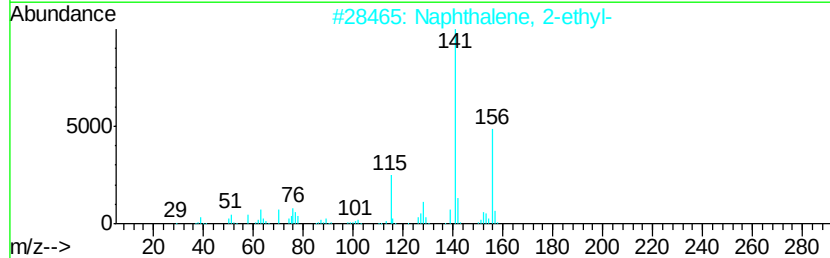
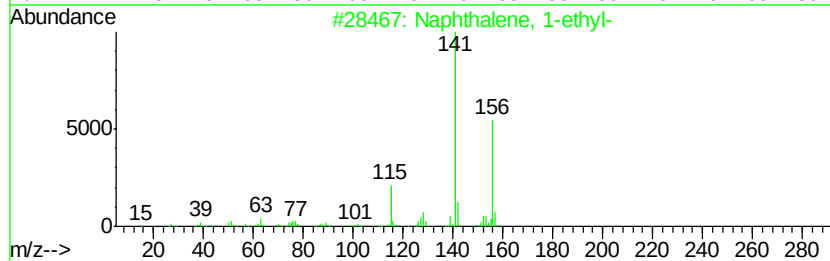
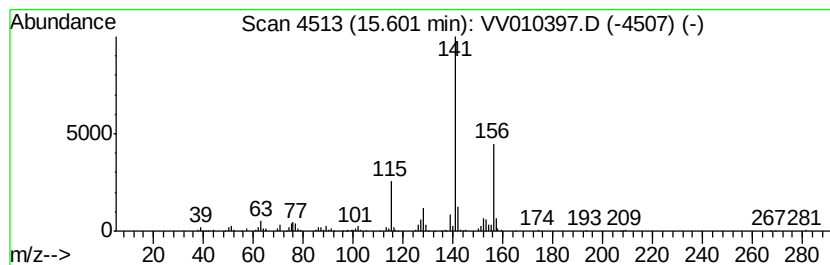
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.60	9.44 ug/L	253850	1,4-Dichlorobenzene-d4	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV041819\
Data File : VV010397.D
Acq On : 19 Apr 2019 21:48
Operator : SY/MD
Sample : K2456-13
Misc : 5.01G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHN3

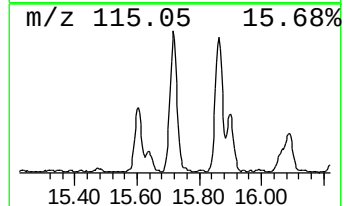
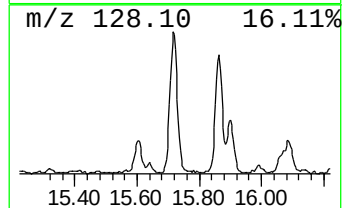
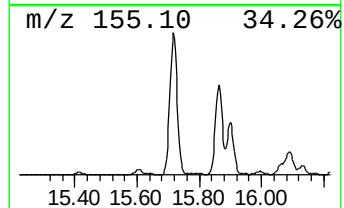
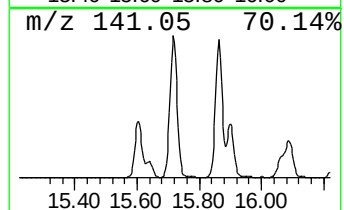
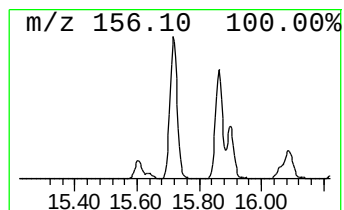
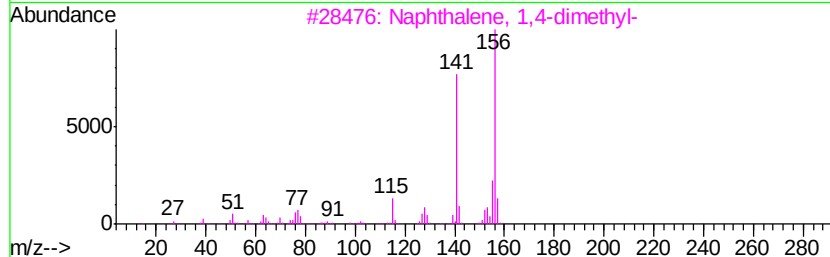
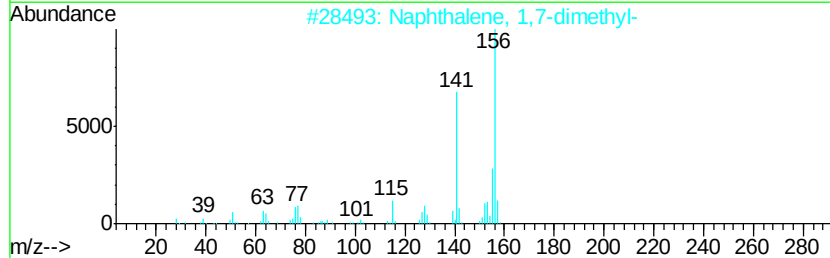
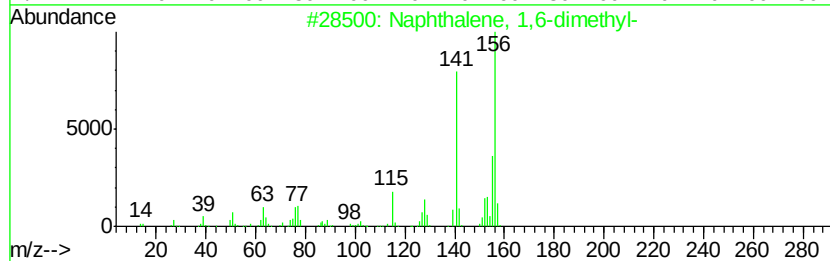
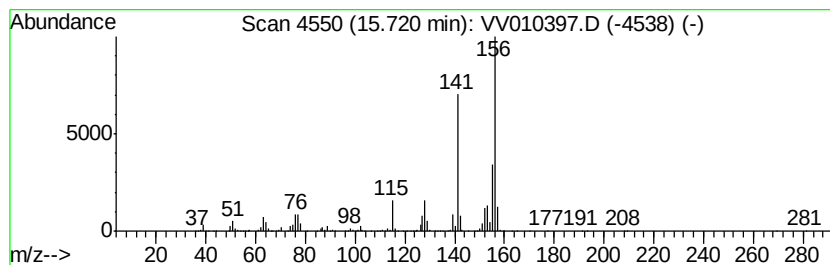
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Quant Title : VOC Analysis

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

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	54.87 ug/L	1474940	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV041819\
Data File : VV010397.D
Acq On : 19 Apr 2019 21:48
Operator : SY/MD
Sample : K2456-13
Misc : 5.01G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

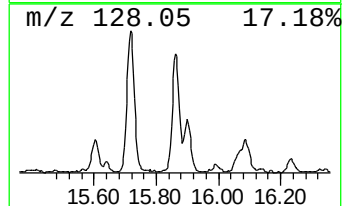
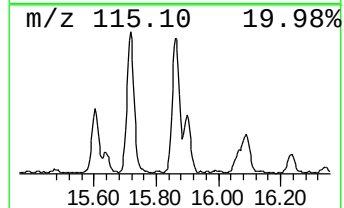
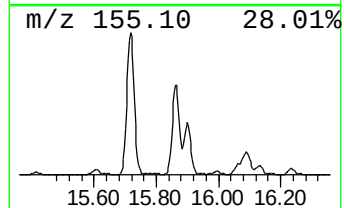
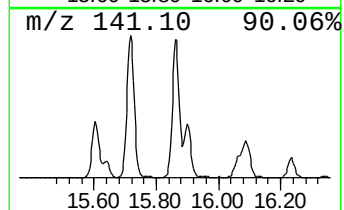
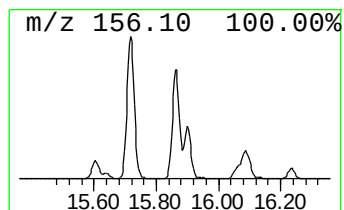
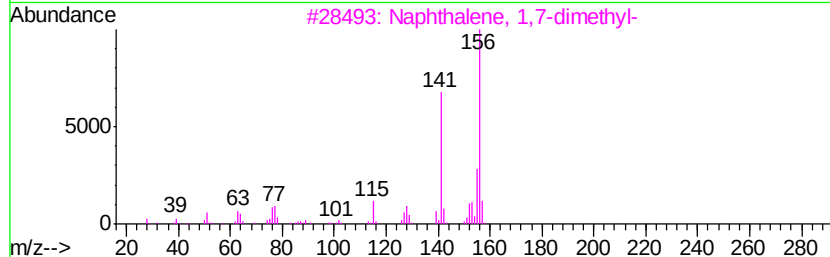
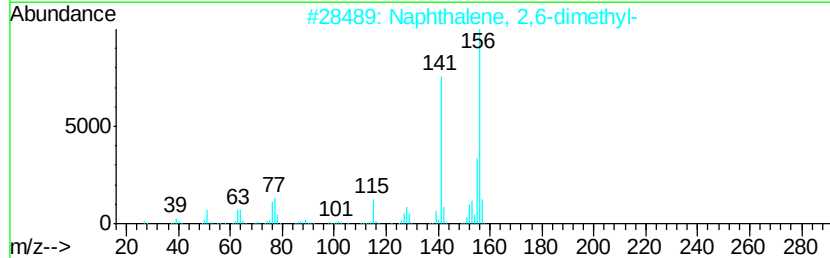
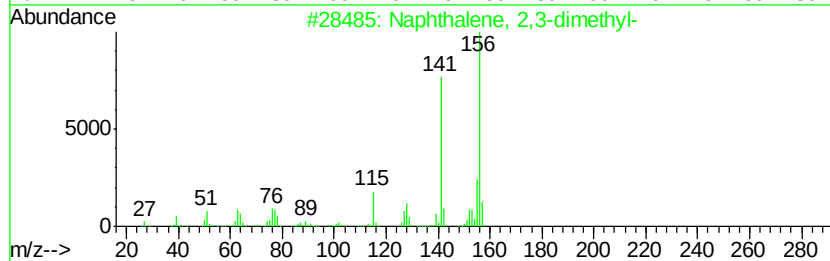
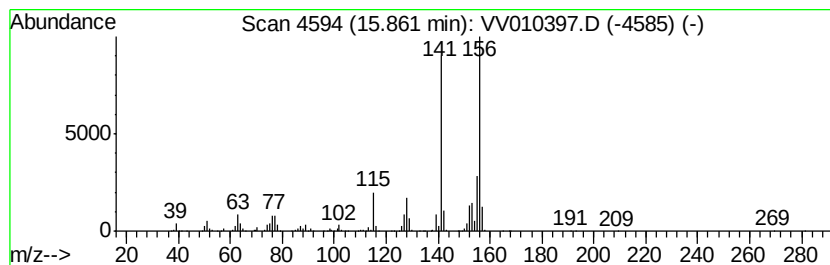
Instrument :
MSVOA_V
ClientSampleId :
GAHN3

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 8 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	42.05 ug/L	1130230	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010397.D
Acq On : 19 Apr 2019 21:48
Operator : SY/MD
Sample : K2456-13
Misc : 5.01G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHN3

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, 1,2-...	13.10	2.0	ug/L	54352	3	11.30	672010	25.0
Naphthalene, 1-me...	14.86	46.4	ug/L	1248230	3	11.30	672010	25.0
Naphthalene, 1-et...	15.60	9.4	ug/L	253850	3	11.30	672010	25.0
Naphthalene, 1,6-...	15.72	54.9	ug/L	1474940	3	11.30	672010	25.0
Naphthalene, 2,3-...	15.86	42.0	ug/L	1130230	3	11.30	672010	25.0