

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050219\
 Data File : VV010638.D
 Acq On : 02 May 2019 21:11
 Operator : SY/MD
 Sample : K2603-06
 Misc : 5.09G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAJ58

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\SOM2VLM050219S.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	1.573	144	150	160	rVB	18640	21266	6.79%	0.918%
2	2.126	312	322	332	rVB	36336	50873	16.24%	2.196%
3	2.254	353	362	363	rBV	384	330	0.11%	0.014%
4	2.312	371	380	391	rBV5	1304	2625	0.84%	0.113%
5	2.431	408	417	427	rBV	3395	6103	1.95%	0.263%
6	2.534	442	449	461	rBB5	2817	4390	1.40%	0.189%
7	2.997	587	593	595	rBV2	206	234	0.07%	0.010%
8	3.026	600	602	607	rBV2	167	125	0.04%	0.005%
9	3.065	610	614	615	rBV2	760	533	0.17%	0.023%
10	3.286	680	683	685	rBV	230	166	0.05%	0.007%
11	3.348	696	702	705	rBV	219	269	0.09%	0.012%
12	3.409	716	721	723	rBV2	239	261	0.08%	0.011%
13	3.489	743	746	748	rBV2	168	114	0.04%	0.005%
14	3.531	755	759	760	rBV	234	177	0.06%	0.008%
15	3.647	792	795	800	rBV	199	164	0.05%	0.007%
16	3.711	810	815	818	rBV2	295	311	0.10%	0.013%
17	3.939	874	886	910	rBV2	14379	38760	12.37%	1.673%
18	4.155	949	953	955	rBV2	459	308	0.10%	0.013%
19	4.309	995	1001	1003	rBV	193	180	0.06%	0.008%
20	4.399	1013	1029	1052	rBV2	59195	143535	45.81%	6.195%
21	4.547	1073	1075	1077	rBV2	151	86	0.03%	0.004%
22	4.624	1096	1099	1101	rBV	167	105	0.03%	0.005%
23	4.695	1117	1121	1127	rVB2	306	402	0.13%	0.017%
24	4.730	1127	1132	1134	rBV2	240	209	0.07%	0.009%
25	4.778	1142	1147	1149	rBV	245	289	0.09%	0.012%
26	4.965	1200	1205	1208	rBV2	176	126	0.04%	0.005%
27	5.093	1224	1245	1275	rBV2	119748	313308	100.00%	13.523%
28	5.354	1324	1326	1331	rVB	301	216	0.07%	0.009%
29	5.376	1331	1333	1335	rVB	302	136	0.04%	0.006%
30	5.399	1335	1340	1341	rBV2	275	162	0.05%	0.007%
31	5.479	1362	1365	1368	rBV2	160	116	0.04%	0.005%
32	5.537	1380	1383	1386	rVB2	147	86	0.03%	0.004%
33	5.556	1386	1389	1391	rBV2	208	124	0.04%	0.005%
34	5.663	1409	1422	1448	rBV2	101050	209375	66.83%	9.037%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050219\
 Data File : VV010638.D
 Acq On : 02 May 2019 21:11
 Operator : SY/MD
 Sample : K2603-06
 Misc : 5.09G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAJ58

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\SOM2VLM050219S.M
 Title : VOC Analysis

35	5.917	1498	1501	1502	rBV	336	215	0.07%	0.009%
36	5.949	1503	1511	1521	rVB5	2362	4214	1.35%	0.182%
37	5.984	1521	1522	1526	rVB2	189	75	0.02%	0.003%
38	6.003	1526	1528	1532	rBV	176	147	0.05%	0.006%
39	6.032	1532	1537	1541	rBV2	324	270	0.09%	0.012%
40	6.119	1551	1564	1589	rBV	82183	166330	53.09%	7.179%
41	6.328	1626	1629	1631	rBV	113	88	0.03%	0.004%
42	6.373	1639	1643	1644	rBV	302	191	0.06%	0.008%
43	6.495	1678	1681	1684	rBV	125	94	0.03%	0.004%
44	6.576	1703	1706	1711	rBV	189	135	0.04%	0.006%
45	6.679	1735	1738	1739	rBV	265	147	0.05%	0.006%
46	6.820	1774	1782	1788	rBV5	992	1205	0.38%	0.052%
47	6.920	1811	1813	1816	rBV	176	91	0.03%	0.004%
48	6.936	1816	1818	1822	rBV	207	140	0.04%	0.006%
49	7.029	1835	1847	1865	rBV	33745	60177	19.21%	2.597%
50	7.251	1911	1916	1920	rVB2	279	250	0.08%	0.011%
51	7.273	1920	1923	1925	rBV	134	91	0.03%	0.004%
52	7.286	1925	1927	1930	rVB2	296	155	0.05%	0.007%
53	7.309	1930	1934	1938	rBV3	638	608	0.19%	0.026%
54	7.360	1938	1950	1962	rBV	111593	196258	62.64%	8.471%
55	7.431	1964	1972	1988	rVB	60617	105540	33.69%	4.555%
56	7.624	2029	2032	2035	rBV2	262	179	0.06%	0.008%
57	7.662	2035	2044	2061	rVV	22830	37559	11.99%	1.621%
58	7.846	2099	2101	2102	rBV	200	70	0.02%	0.003%
59	7.900	2114	2118	2121	rBV	179	160	0.05%	0.007%
60	8.019	2151	2155	2157	rVB	381	295	0.09%	0.013%
61	8.055	2157	2166	2170	rBV2	350	571	0.18%	0.025%
62	8.132	2180	2190	2211	rBV	53881	92136	29.41%	3.977%
63	8.312	2244	2246	2250	rBV	266	152	0.05%	0.007%
64	8.412	2274	2277	2279	rBV2	172	130	0.04%	0.006%
65	8.437	2283	2285	2289	rVB2	397	257	0.08%	0.011%
66	8.460	2289	2292	2294	rVB2	207	108	0.03%	0.005%
67	8.489	2294	2301	2313	rBV2	378	1062	0.34%	0.046%
68	8.666	2353	2356	2362	rBV2	352	471	0.15%	0.020%
69	8.724	2367	2374	2377	rBV2	368	358	0.11%	0.015%
70	8.743	2377	2380	2383	rBV	184	137	0.04%	0.006%
71	8.897	2415	2428	2447	rBV	149710	258005	82.35%	11.136%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050219\
 Data File : VV010638.D
 Acq On : 02 May 2019 21:11
 Operator : SY/MD
 Sample : K2603-06
 Misc : 5.09G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAJ58

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\SOM2VLM050219S.M
 Title : VOC Analysis

72	9.058	2473	2478	2485	rVB3	574	741	0.24%	0.032%
73	9.122	2493	2498	2502	rBV2	192	212	0.07%	0.009%
74	9.360	2568	2572	2579	rBV2	287	335	0.11%	0.014%
75	9.408	2583	2587	2589	rBV2	214	162	0.05%	0.007%
76	9.502	2612	2616	2618	rBV2	437	317	0.10%	0.014%
77	9.604	2639	2648	2659	rBV4	5465	9443	3.01%	0.408%
78	10.260	2841	2852	2871	rVB	83615	131807	42.07%	5.689%
79	10.331	2871	2874	2877	rBV	356	291	0.09%	0.013%
80	10.421	2895	2902	2912	rBV4	2609	3849	1.23%	0.166%
81	11.032	3085	3092	3101	rVB3	2853	3903	1.25%	0.168%
82	11.296	3163	3174	3191	rVB	101693	159370	50.87%	6.879%
83	11.357	3191	3193	3195	rBV	342	174	0.06%	0.008%
84	11.437	3214	3218	3223	rVB3	533	631	0.20%	0.027%
85	11.672	3280	3291	3310	rVB	83055	131328	41.92%	5.669%
86	11.794	3320	3329	3344	rBV3	4262	6458	2.06%	0.279%
87	11.884	3353	3357	3365	rVB4	743	800	0.26%	0.035%
88	12.235	3462	3466	3474	rBV3	1158	1605	0.51%	0.069%
89	12.505	3547	3550	3552	rBV	318	203	0.06%	0.009%
90	12.749	3623	3626	3629	rBV2	242	188	0.06%	0.008%
91	12.926	3677	3681	3687	rBV3	527	509	0.16%	0.022%
92	13.106	3729	3737	3743	rBV4	731	1092	0.35%	0.047%
93	13.556	3870	3877	3884	rBV3	979	1395	0.45%	0.060%
94	13.794	3944	3951	3959	rVB3	4391	5136	1.64%	0.222%
95	14.476	4160	4163	4165	rBV	413	217	0.07%	0.009%
96	14.633	4209	4212	4215	rBV	391	187	0.06%	0.008%
97	14.984	4318	4321	4322	rBV2	383	224	0.07%	0.010%
98	15.717	4541	4549	4558	rBV4	9898	16509	5.27%	0.713%
99	15.861	4585	4594	4601	rBV	28553	44932	14.34%	1.939%
100	16.328	4732	4739	4757	rVB3	34970	71232	22.74%	3.075%

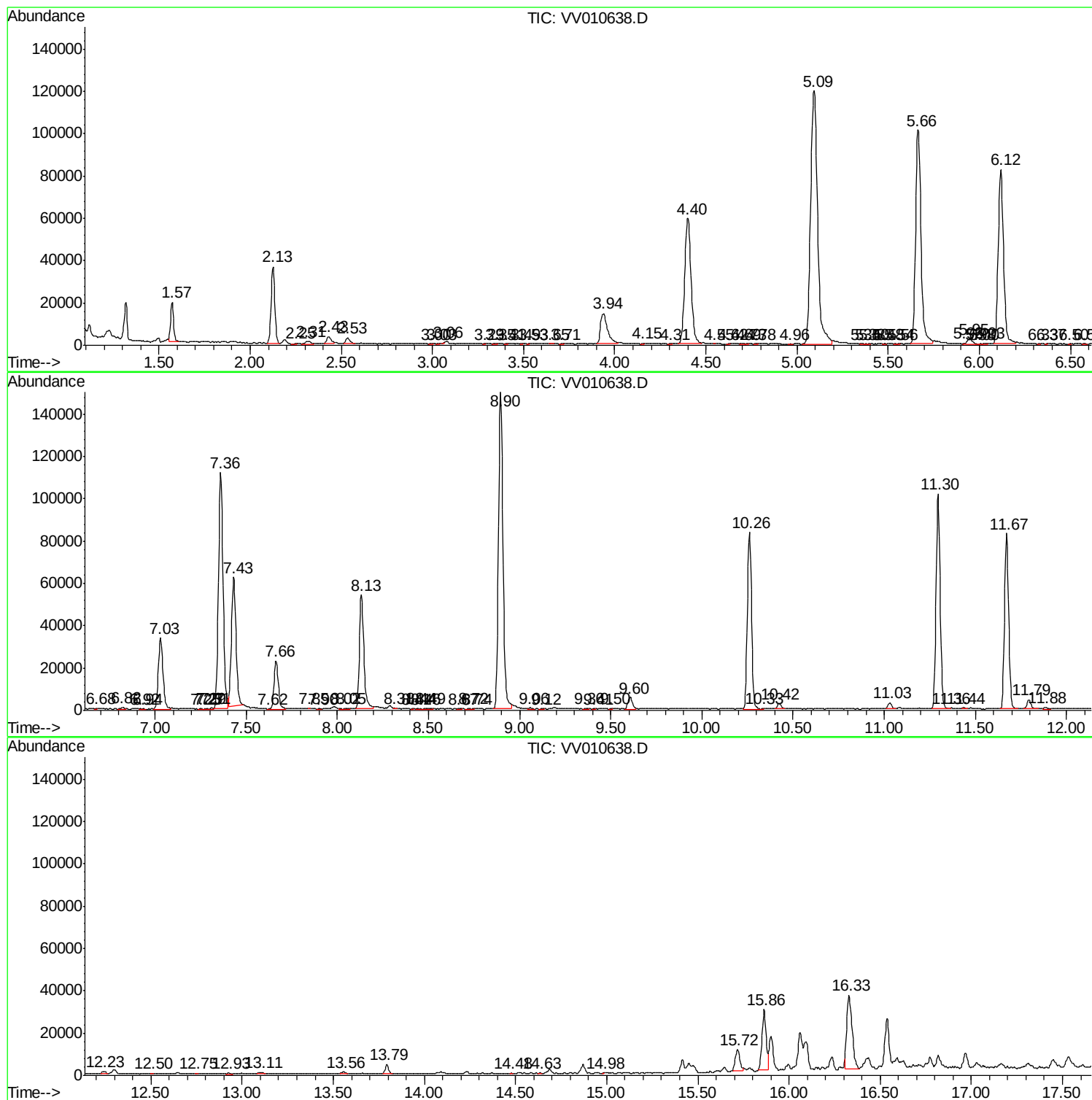
Sum of corrected areas: 2316785

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV050219\
Data File : VV010638.D
Acq On : 02 May 2019 21:11
Operator : SY/MD
Sample : K2603-06
Misc : 5.09G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ58

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV050219\
Data File : VV010638.D
Acq On : 02 May 2019 21:11
Operator : SY/MD
Sample : K2603-06
Misc : 5.09G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

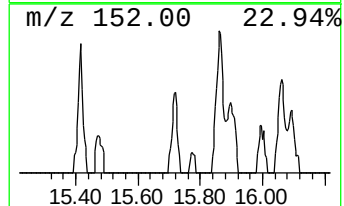
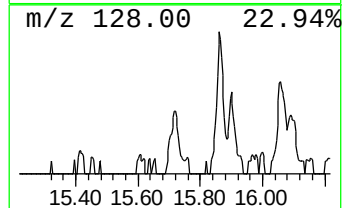
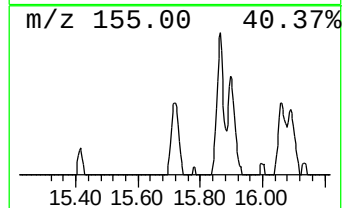
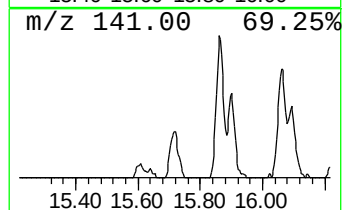
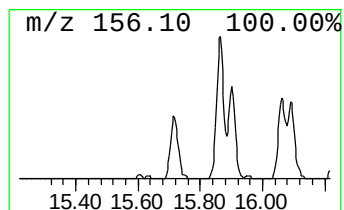
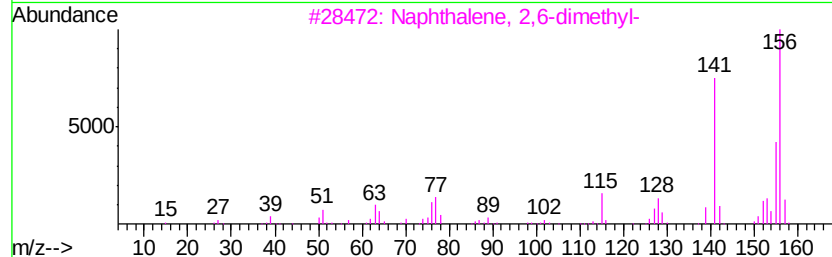
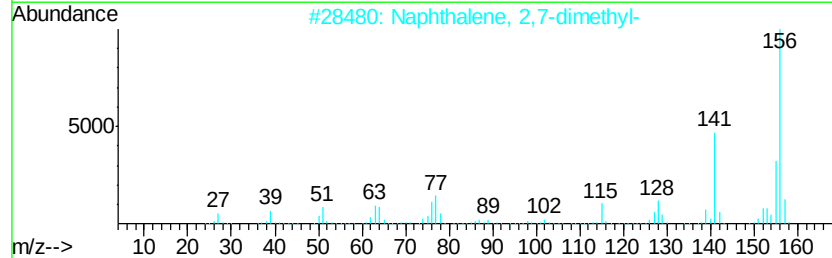
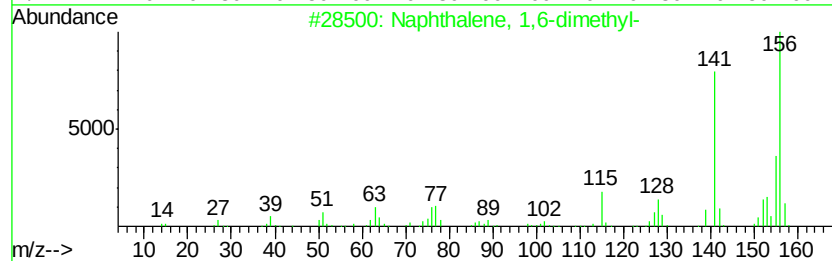
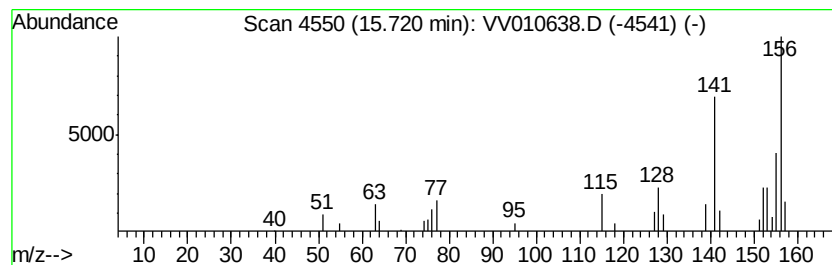
Instrument :
MSVOA_V
ClientSampleId :
GAJ58

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

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

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.59 ug/L	16509	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 96
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 95
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 93
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV050219\
Data File : VV010638.D
Acq On : 02 May 2019 21:11
Operator : SY/MD
Sample : K2603-06
Misc : 5.09G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

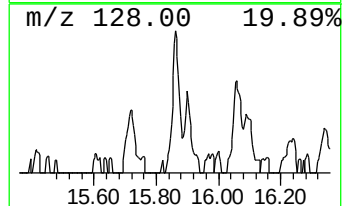
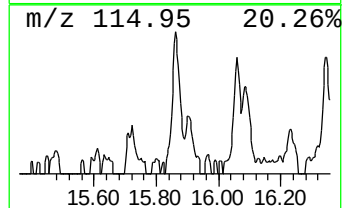
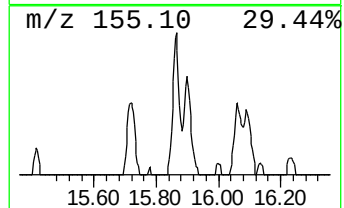
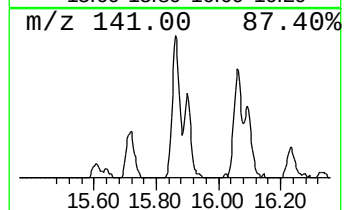
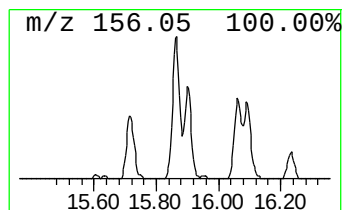
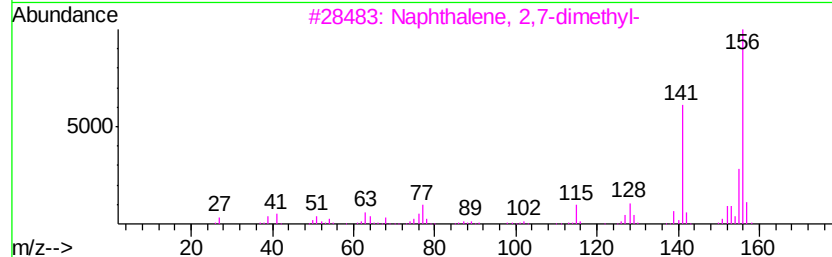
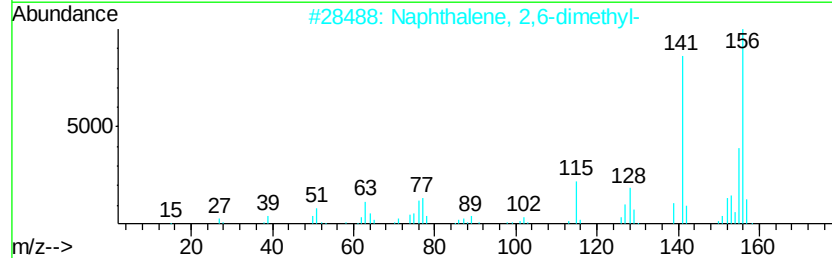
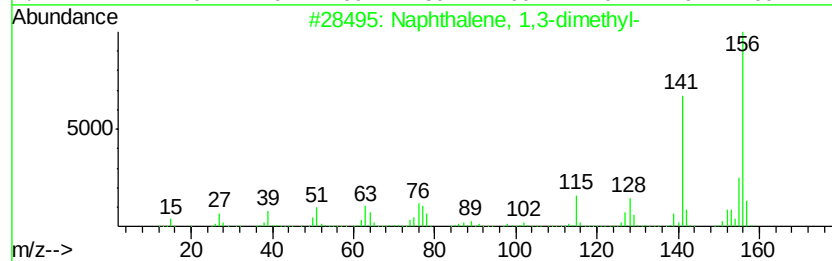
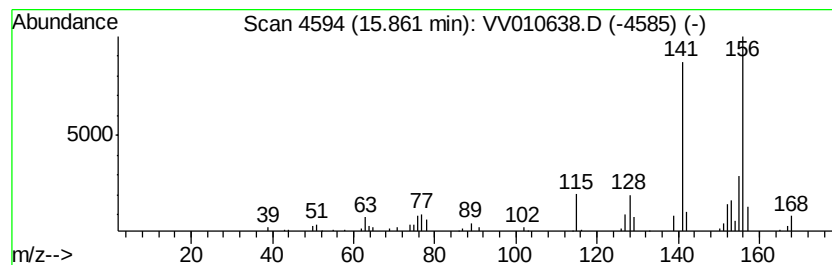
Instrument :
MSVOA_V
ClientSampleId :
GAJ58

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	7.05 ug/L	44932	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV050219\
Data File : VV010638.D
Acq On : 02 May 2019 21:11
Operator : SY/MD
Sample : K2603-06
Misc : 5.09G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ58

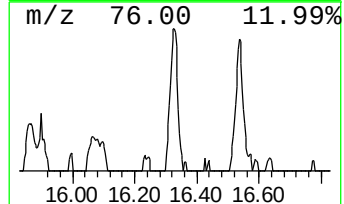
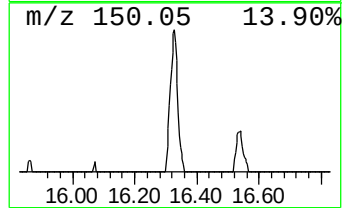
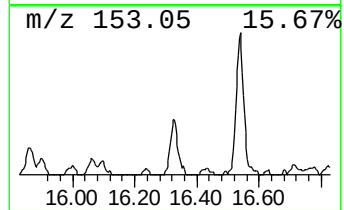
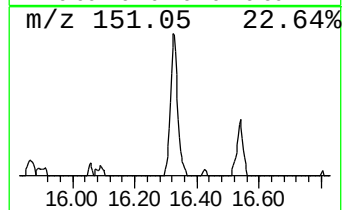
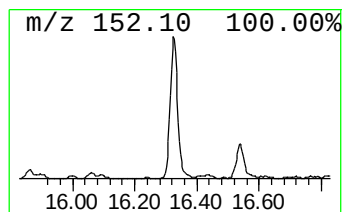
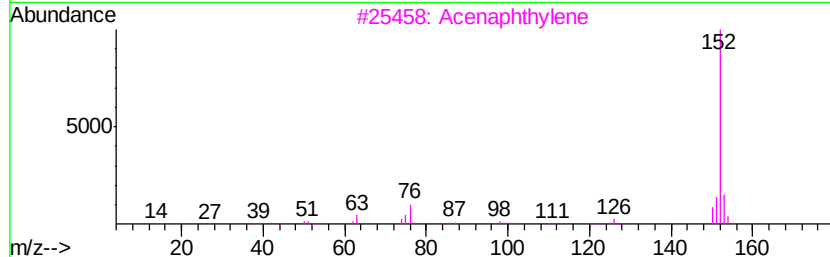
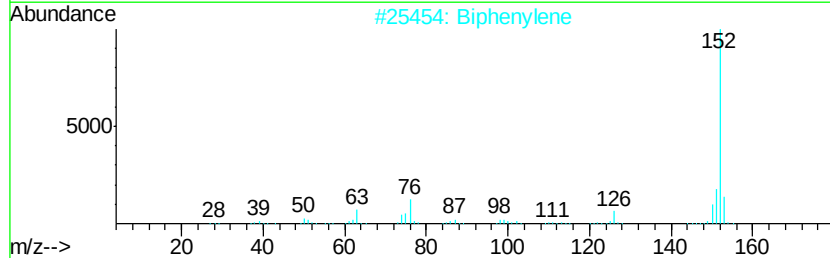
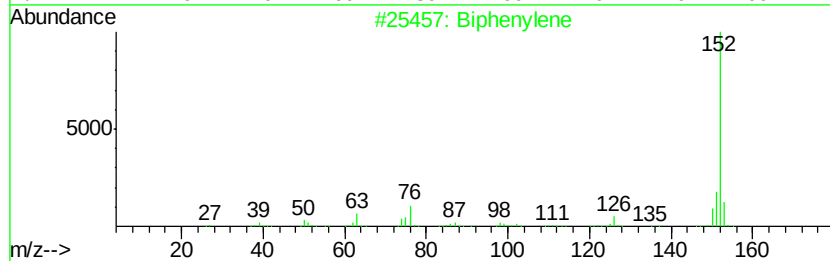
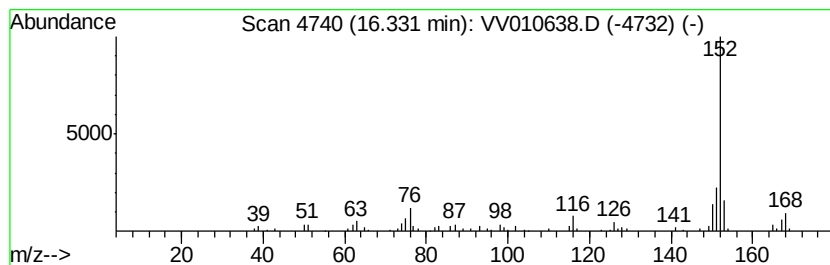
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

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

Peak Number 4 Biphenylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	11.17 ug/L	71232	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Biphenylene	152	C12H8	000259-79-0	87
2		Biphenylene	152	C12H8	000259-79-0	83
3		Acenaphthylene	152	C12H8	000208-96-8	74
4		(6Balpha,7beta,11alpha,11aalpha)...	334	C25H18O	1000241-69-8	64
5		Acenaphthylene	152	C12H8	000208-96-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV050219\
Data File : VV010638.D
Acq On : 02 May 2019 21:11
Operator : SY/MD
Sample : K2603-06
Misc : 5.09G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ58

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.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, 1,6-...	15.72	2.6	ug/L	16509	3	11.30	159370	25.0
Naphthalene, 1,3-...	15.86	7.0	ug/L	44932	3	11.30	159370	25.0
Biphenylene	16.33	11.2	ug/L	71232	3	11.30	159370	25.0