

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
 Data File : VV010697.D
 Acq On : 07 May 2019 17:57
 Operator : SY/MD
 Sample : K2633-05
 Misc : 5.01G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAJ97

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	1.315	65	70	77	rVB	34133	31770	13.59%	1.467%
2	1.547	137	142	145	rBV	12718	13310	5.69%	0.615%
3	2.122	312	321	332	rBV	60859	84301	36.06%	3.892%
4	2.531	440	448	459	rVB4	4109	6124	2.62%	0.283%
5	2.656	483	487	490	rVV2	391	280	0.12%	0.013%
6	2.801	529	532	535	rBV2	219	215	0.09%	0.010%
7	2.897	558	562	565	rBV	230	208	0.09%	0.010%
8	3.026	596	602	604	rBV	145	149	0.06%	0.007%
9	3.068	604	615	623	rBV5	1921	3731	1.60%	0.172%
10	3.296	683	686	689	rBV2	286	212	0.09%	0.010%
11	3.582	771	775	778	rBV2	170	157	0.07%	0.007%
12	3.627	786	789	793	rVB2	194	165	0.07%	0.008%
13	3.672	801	803	808	rBV2	281	208	0.09%	0.010%
14	3.807	842	845	847	rBV2	231	149	0.06%	0.007%
15	3.936	874	885	906	rBV	9536	26035	11.14%	1.202%
16	4.161	951	955	960	rBV2	432	489	0.21%	0.023%
17	4.183	960	962	967	rVB3	384	338	0.14%	0.016%
18	4.225	967	975	976	rBV	238	217	0.09%	0.010%
19	4.299	994	998	1003	rVB	276	254	0.11%	0.012%
20	4.399	1013	1029	1050	rBV2	48499	117450	50.24%	5.423%
21	4.547	1071	1075	1077	rBV2	191	147	0.06%	0.007%
22	4.566	1077	1081	1085	rVB2	272	201	0.09%	0.009%
23	4.611	1089	1095	1097	rBV2	254	237	0.10%	0.011%
24	4.814	1155	1158	1161	rBV	249	194	0.08%	0.009%
25	4.849	1165	1169	1176	rVB2	280	344	0.15%	0.016%
26	4.881	1176	1179	1183	rBV2	179	156	0.07%	0.007%
27	4.987	1210	1212	1215	rBV2	221	152	0.07%	0.007%
28	5.087	1228	1243	1265	rBV4	59300	149085	63.77%	6.884%
29	5.257	1293	1296	1301	rVB2	332	249	0.11%	0.011%
30	5.302	1307	1310	1313	rBV2	228	185	0.08%	0.009%
31	5.351	1322	1325	1330	rBV2	234	231	0.10%	0.011%
32	5.489	1360	1368	1372	rBV2	220	318	0.14%	0.015%
33	5.605	1401	1404	1406	rBV2	251	161	0.07%	0.007%
34	5.662	1409	1422	1447	rBV	101523	205588	87.94%	9.493%

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35	5.945	1504	1510	1518	rVB5	1106	1651	0.71%	0.076%
36	6.116	1549	1563	1581	rBV2	64222	130314	55.74%	6.017%
37	6.264	1606	1609	1612	rBV	456	292	0.12%	0.013%
38	6.325	1625	1628	1633	rBV2	264	273	0.12%	0.013%
39	6.421	1654	1658	1663	rBV2	295	302	0.13%	0.014%
40	6.473	1668	1674	1676	rBV	225	240	0.10%	0.011%
41	6.547	1695	1697	1703	rVB2	191	174	0.07%	0.008%
42	6.711	1745	1748	1752	rVB	235	153	0.07%	0.007%
43	6.733	1752	1755	1761	rBV2	330	363	0.16%	0.017%
44	6.945	1819	1821	1826	rVB2	227	219	0.09%	0.010%
45	7.029	1835	1847	1866	rBV	30674	53455	22.87%	2.468%
46	7.222	1901	1907	1910	rBV2	244	312	0.13%	0.014%
47	7.293	1927	1929	1931	rVB	438	158	0.07%	0.007%
48	7.360	1935	1950	1966	rBV	62197	110236	47.15%	5.090%
49	7.521	1996	2000	2001	rBV	301	200	0.09%	0.009%
50	7.662	2034	2044	2063	rBV2	20011	32813	14.04%	1.515%
51	7.894	2111	2116	2118	rBV2	206	215	0.09%	0.010%
52	8.096	2175	2179	2180	rBV2	303	216	0.09%	0.010%
53	8.132	2180	2190	2208	rVV	34759	62889	26.90%	2.904%
54	8.428	2277	2282	2283	rBV	223	172	0.07%	0.008%
55	8.691	2361	2364	2367	rBV	247	218	0.09%	0.010%
56	8.817	2399	2403	2409	rVB2	276	276	0.12%	0.013%
57	8.849	2409	2413	2416	rBV	220	175	0.07%	0.008%
58	8.897	2416	2428	2450	rBV	138035	233785	100.00%	10.794%
59	9.093	2483	2489	2491	rBV2	286	299	0.13%	0.014%
60	9.212	2522	2526	2530	rBV	246	233	0.10%	0.011%
61	9.415	2585	2589	2591	rBV	249	251	0.11%	0.012%
62	9.540	2620	2628	2635	rVB2	324	582	0.25%	0.027%
63	9.592	2637	2644	2655	rBV5	528	1062	0.45%	0.049%
64	9.720	2680	2684	2691	rBV2	264	347	0.15%	0.016%
65	9.781	2696	2703	2705	rBV	350	373	0.16%	0.017%
66	10.048	2783	2786	2791	rVB	238	226	0.10%	0.010%
67	10.116	2803	2807	2811	rBV2	229	272	0.12%	0.013%
68	10.260	2842	2852	2869	rBV	56490	88282	37.76%	4.076%
69	10.344	2874	2878	2879	rBV	302	215	0.09%	0.010%
70	10.424	2897	2903	2916	rVB6	1381	2230	0.95%	0.103%
71	10.579	2948	2951	2955	rVB	305	230	0.10%	0.011%

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72	10.604	2955	2959	2962	rBV	216	209	0.09%	0.010%
73	10.775	3007	3012	3017	rBV2	483	569	0.24%	0.026%
74	10.897	3047	3050	3054	rBV	255	274	0.12%	0.013%
75	11.228	3149	3153	3156	rVB	240	177	0.08%	0.008%
76	11.247	3156	3159	3162	rBV2	213	167	0.07%	0.008%
77	11.296	3162	3174	3192	rVV	136469	215465	92.16%	9.949%
78	11.360	3192	3194	3199	rVB2	335	256	0.11%	0.012%
79	11.476	3227	3230	3232	rBV2	272	192	0.08%	0.009%
80	11.540	3244	3250	3255	rVB2	241	279	0.12%	0.013%
81	11.672	3281	3291	3303	rBV	48107	75502	32.30%	3.486%
82	12.029	3400	3402	3409	rBV2	261	186	0.08%	0.009%
83	12.292	3481	3484	3493	rVB4	2359	2943	1.26%	0.136%
84	12.460	3530	3536	3544	rVB5	1485	2131	0.91%	0.098%
85	12.633	3583	3590	3604	rBV8	3772	6674	2.85%	0.308%
86	12.929	3675	3682	3691	rVB5	6900	9118	3.90%	0.421%
87	13.048	3713	3719	3724	rBV3	949	1192	0.51%	0.055%
88	13.103	3727	3736	3746	rVB3	13619	21156	9.05%	0.977%
89	13.180	3752	3760	3776	rVB4	7698	11958	5.11%	0.552%
90	13.270	3780	3788	3793	rBV4	870	1464	0.63%	0.068%
91	13.318	3796	3803	3807	rBV6	5801	7153	3.06%	0.330%
92	13.755	3935	3939	3941	rBV4	1887	1564	0.67%	0.072%
93	14.141	4051	4059	4071	rBV8	8169	16095	6.88%	0.743%
94	14.450	4152	4155	4156	rBV2	1167	607	0.26%	0.028%
95	14.681	4218	4227	4238	rBV	55804	86264	36.90%	3.983%
96	14.868	4276	4285	4298	rVB	86944	136574	58.42%	6.306%
97	15.717	4539	4549	4566	rBV2	53561	89036	38.08%	4.111%
98	15.865	4585	4595	4601	rBV2	51705	80606	34.48%	3.722%
99	16.061	4648	4656	4661	rBV3	14694	23454	10.03%	1.083%
100	16.231	4702	4709	4721	rVB6	5171	7803	3.34%	0.360%

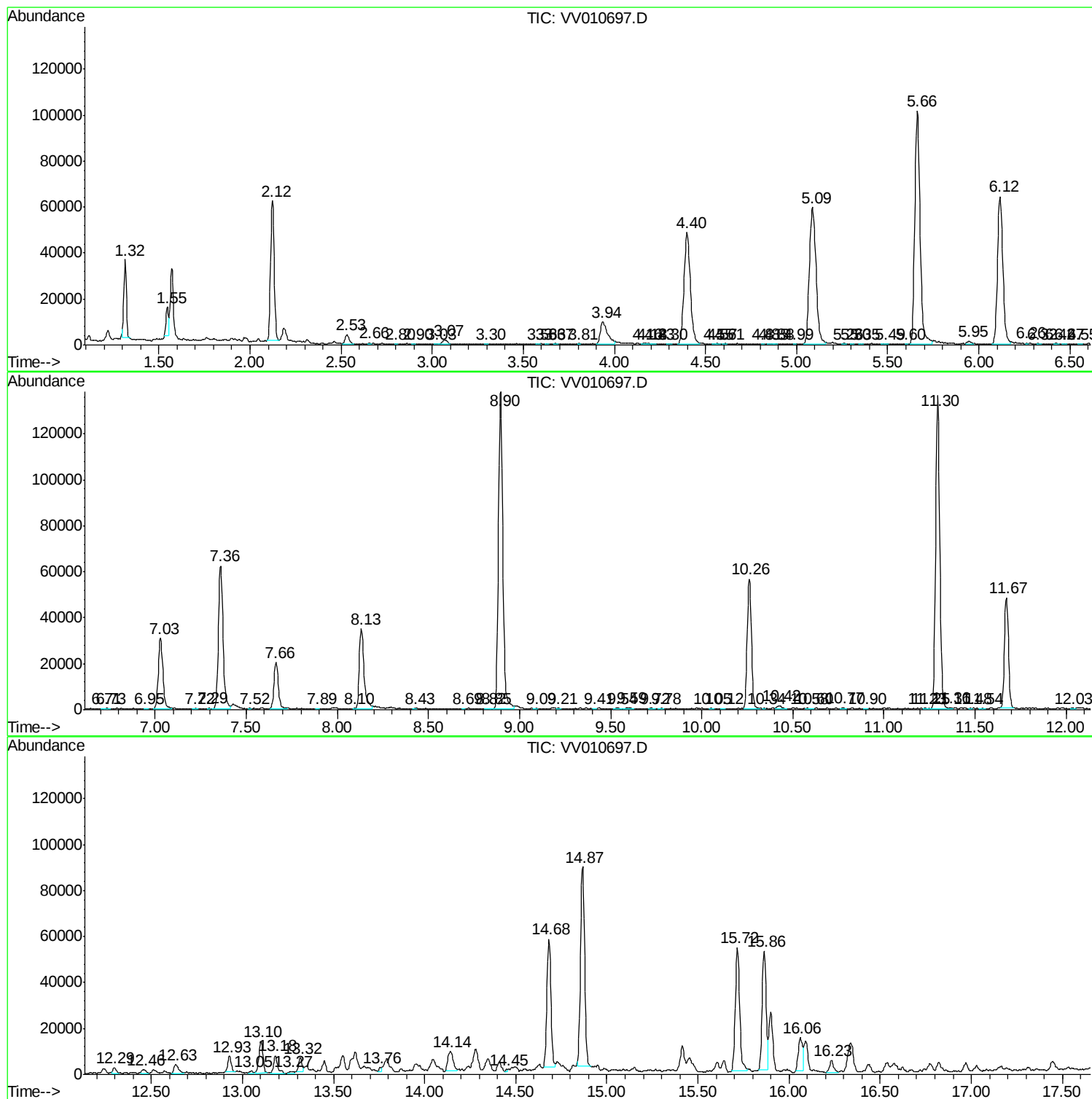
Sum of corrected areas: 2165781

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



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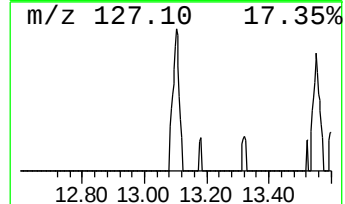
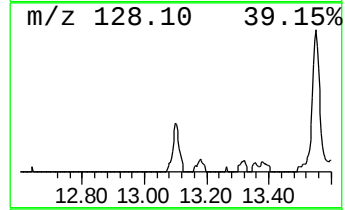
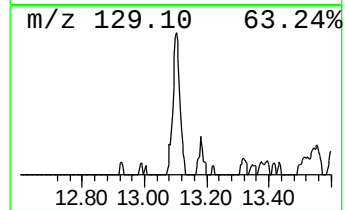
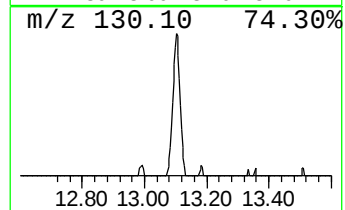
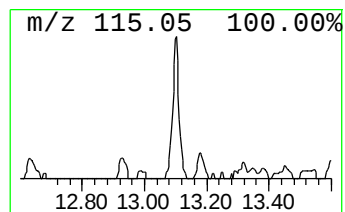
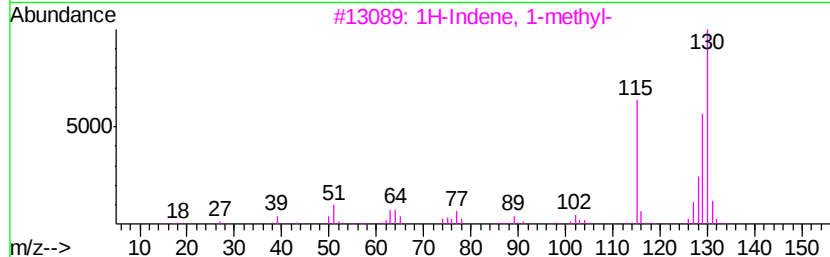
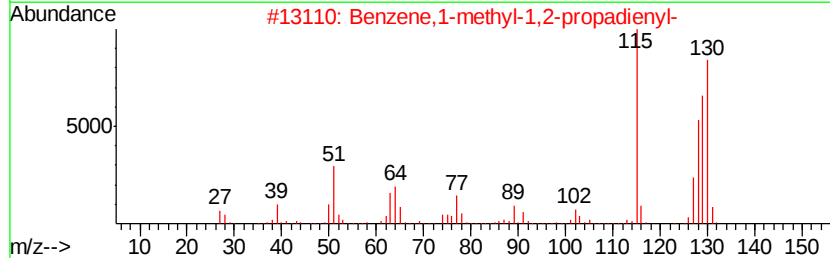
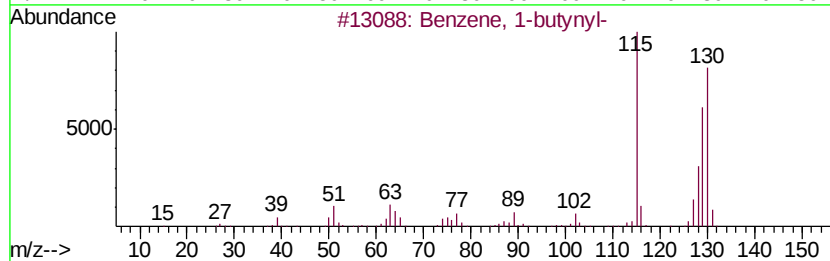
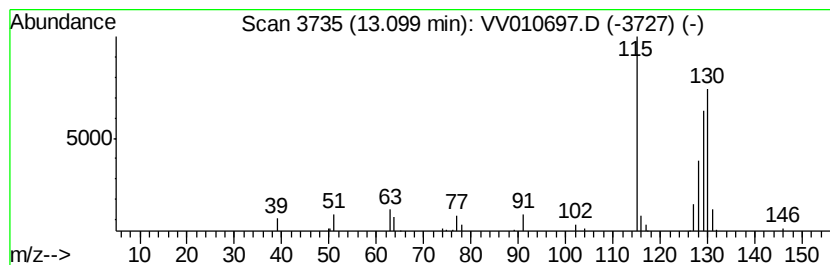
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

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

Peak Number 2 Benzene, 1-butynyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.45 ug/L	21156	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	90
2		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	76
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	76
4		2-Methylindene	130	C10H10	002177-47-1	76
5		Benzene, 1-butynyl-	130	C10H10	000622-76-4	72



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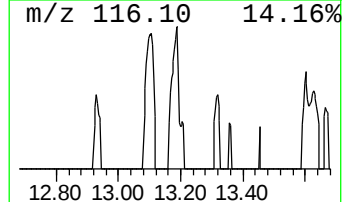
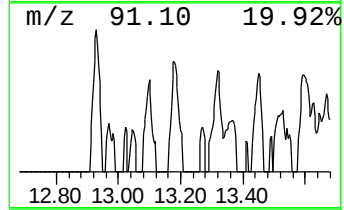
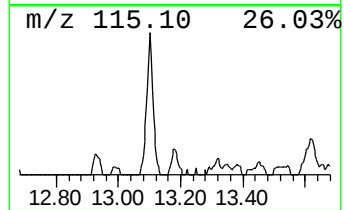
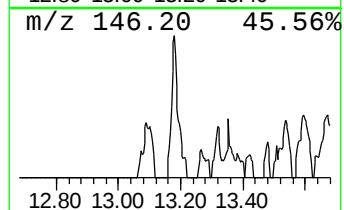
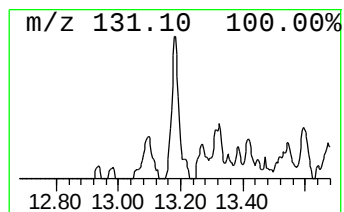
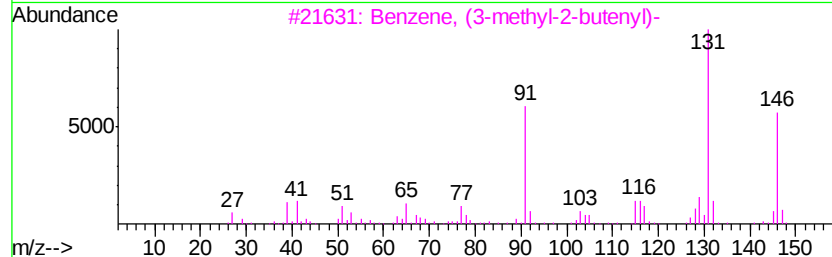
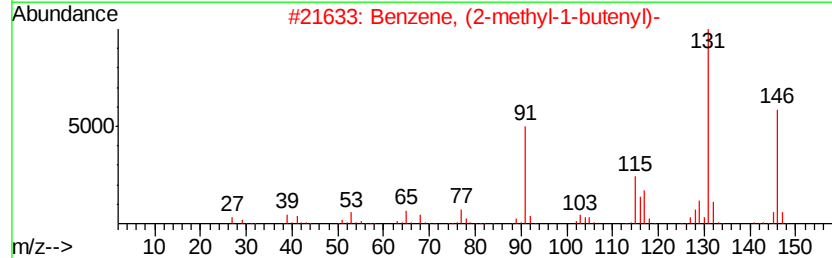
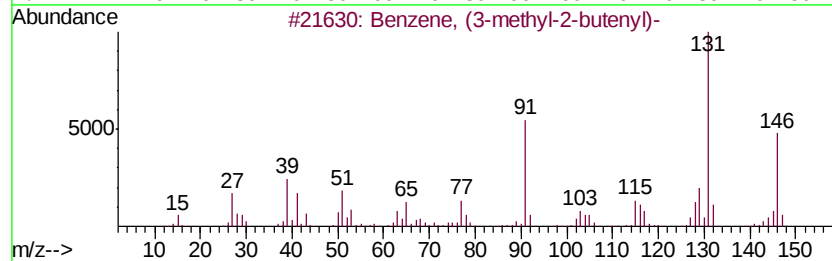
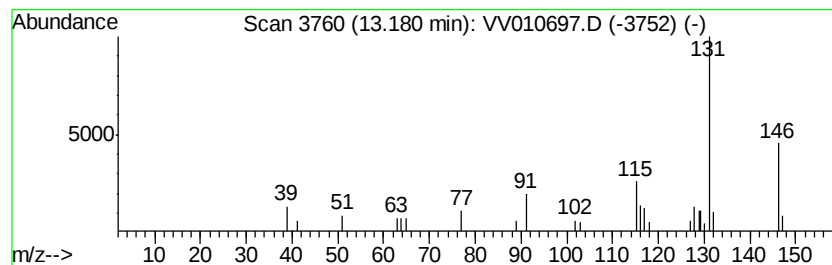
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Quant Title : VOC Analysis

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

Peak Number 3 Benzene, (3-methyl-2-butenyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	1.39 ug/L	11958	1,4-Dichlorobenzene-d4	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
2		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
4		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
5		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	87



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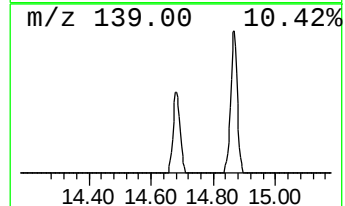
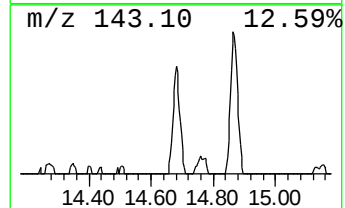
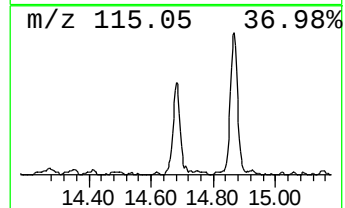
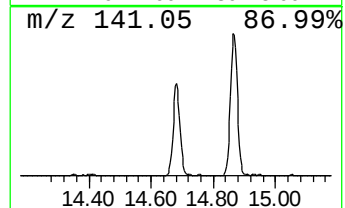
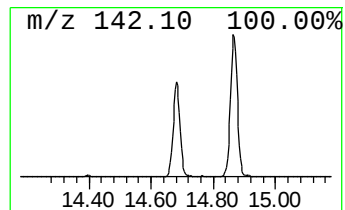
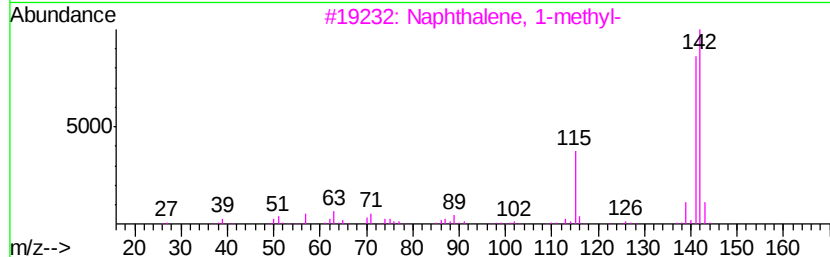
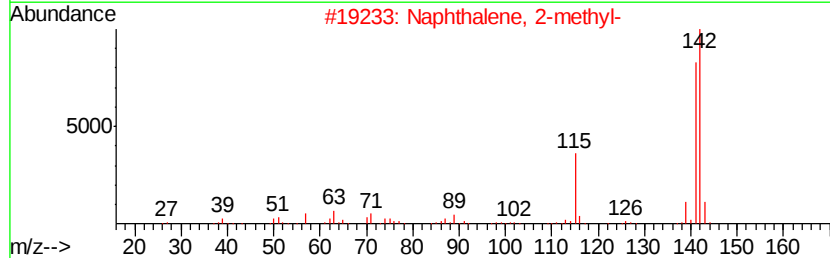
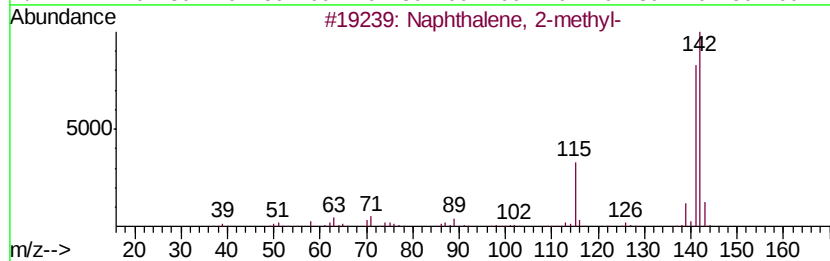
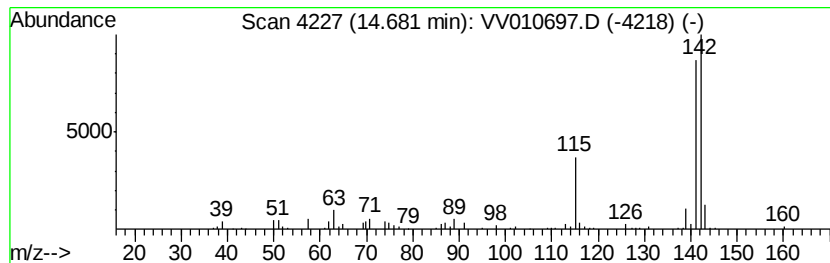
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	10.01 ug/L	86264	1,4-Dichlorobenzene-d4	11.30

Hit# of	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, 2-methyl-	142	C11H10	000091-57-6	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010697.D
Acq On : 07 May 2019 17:57
Operator : SY/MD
Sample : K2633-05
Misc : 5.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

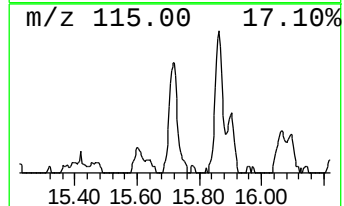
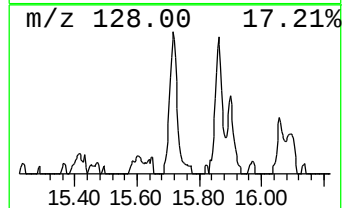
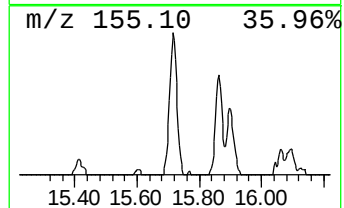
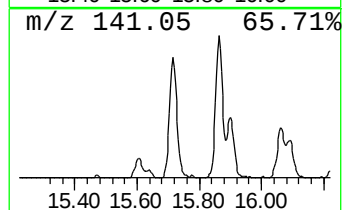
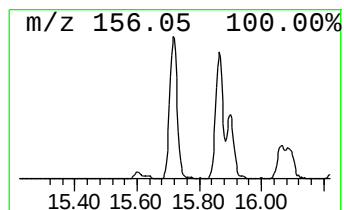
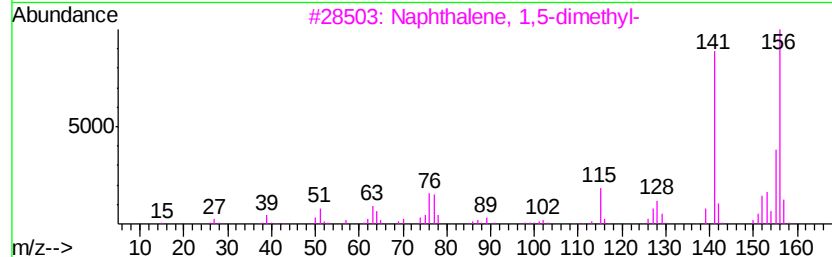
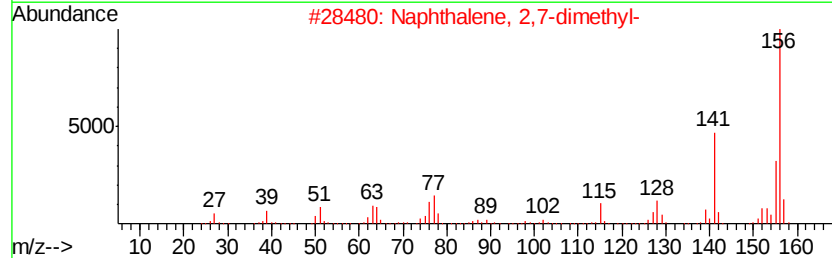
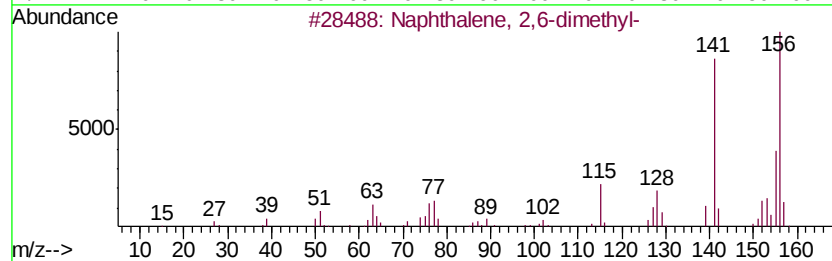
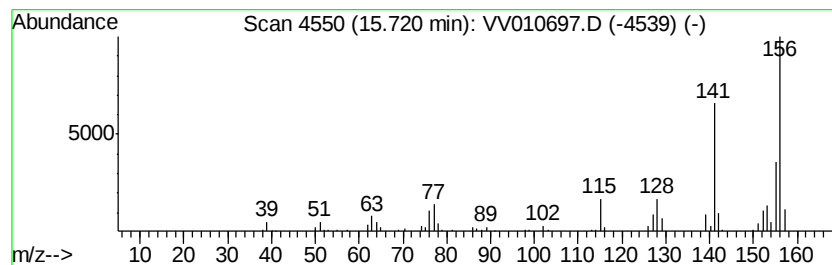
Instrument :
MSVOA_V
ClientSampleId :
GAJ97

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 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	10.33 ug/L	89036	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 98
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010697.D
Acq On : 07 May 2019 17:57
Operator : SY/MD
Sample : K2633-05
Misc : 5.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ97

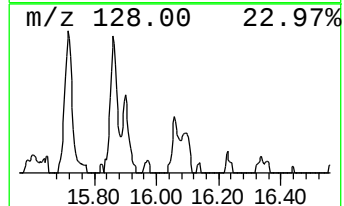
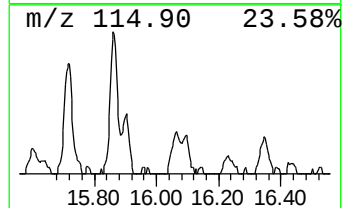
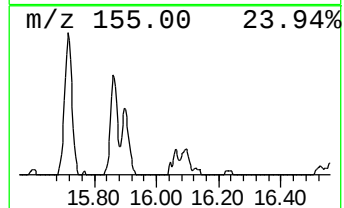
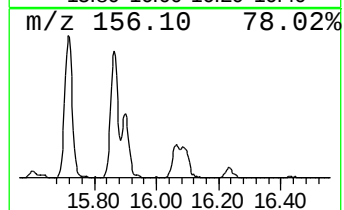
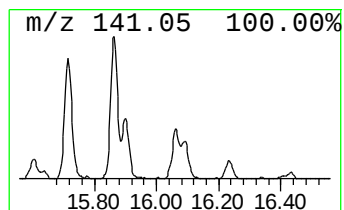
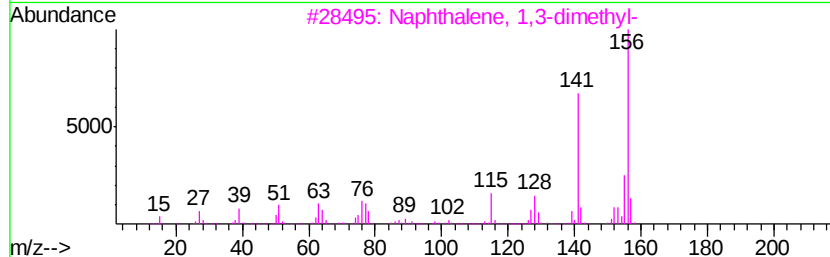
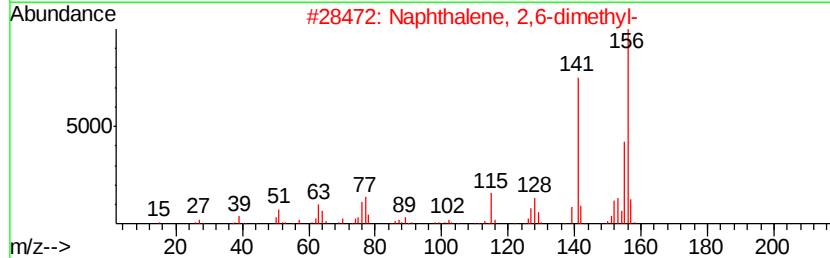
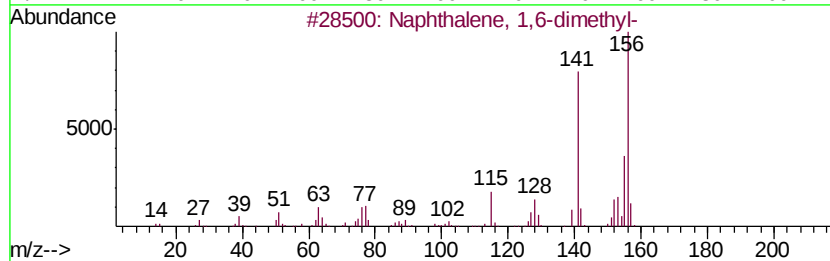
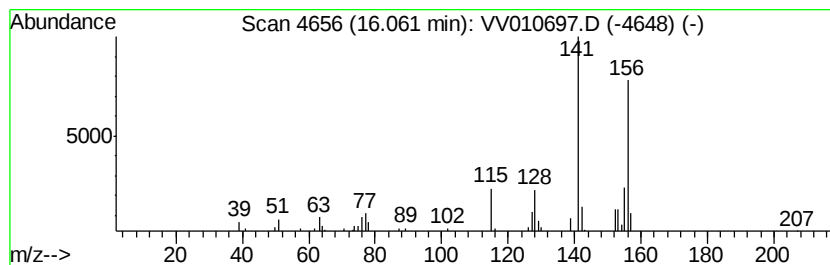
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

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

Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	2.72 ug/L	23454	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, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
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:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010697.D
Acq On : 07 May 2019 17:57
Operator : SY/MD
Sample : K2633-05
Misc : 5.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ97

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
Benzene, 1-butynyl-	13.10	2.5	ug/L	21156	3	11.30	215465	25.0
Benzene, (3-methy...	13.18	1.4	ug/L	11958	3	11.30	215465	25.0
Naphthalene, 1-me...	14.68	10.0	ug/L	86264	3	11.30	215465	25.0
Naphthalene, 2,6-...	15.72	10.3	ug/L	89036	3	11.30	215465	25.0
Naphthalene, 1,6-...	16.06	2.7	ug/L	23454	3	11.30	215465	25.0