

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV050219\
 Data File : VV010648.D
 Acq On : 03 May 2019 05:15
 Operator : SY/MD
 Sample : K2603-14
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAJ66

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	1.206	31	36	51	rVB2	5791	9972	5.51%	0.750%
2	1.312	61	69	76	rVB	14087	14845	8.20%	1.117%
3	1.576	145	151	160	rVB	13489	15694	8.67%	1.181%
4	2.045	292	297	300	rVV3	448	364	0.20%	0.027%
5	2.061	300	302	308	rVB2	464	364	0.20%	0.027%
6	2.090	308	311	312	rBV	442	215	0.12%	0.016%
7	2.122	312	321	333	rVV	26633	38982	21.54%	2.932%
8	2.187	333	341	354	rVB2	3983	5813	3.21%	0.437%
9	2.286	368	372	373	rBV	404	239	0.13%	0.018%
10	2.306	373	378	385	rVV3	1551	2114	1.17%	0.159%
11	2.531	443	448	458	rVB4	1516	2139	1.18%	0.161%
12	2.865	548	552	554	rBV2	261	214	0.12%	0.016%
13	2.897	559	562	565	rBV2	234	206	0.11%	0.015%
14	3.302	684	688	691	rBV2	324	332	0.18%	0.025%
15	3.383	709	713	715	rBV2	249	206	0.11%	0.015%
16	3.556	764	767	772	rVB2	359	294	0.16%	0.022%
17	3.601	778	781	785	rBV2	311	277	0.15%	0.021%
18	3.708	811	814	817	rVB2	263	207	0.11%	0.016%
19	3.733	817	822	824	rBV	313	265	0.15%	0.020%
20	3.865	859	863	867	rBV2	281	209	0.12%	0.016%
21	3.942	877	887	901	rBV	3969	9936	5.49%	0.747%
22	4.122	940	943	947	rVV2	244	216	0.12%	0.016%
23	4.396	1013	1028	1053	rBV	32177	79408	43.89%	5.973%
24	4.508	1061	1063	1069	rVB3	332	334	0.18%	0.025%
25	4.910	1184	1188	1192	rBV2	319	317	0.18%	0.024%
26	4.929	1192	1194	1202	rVB	258	280	0.15%	0.021%
27	4.974	1204	1208	1213	rVB	277	259	0.14%	0.019%
28	5.093	1228	1245	1268	rBV4	71418	180936	100.00%	13.610%
29	5.241	1289	1291	1295	rBV3	364	242	0.13%	0.018%
30	5.312	1307	1313	1320	rBV2	391	539	0.30%	0.041%
31	5.341	1320	1322	1327	rVB	353	272	0.15%	0.020%
32	5.370	1327	1331	1338	rBV	434	522	0.29%	0.039%
33	5.405	1338	1342	1347	rBV	222	200	0.11%	0.015%
34	5.563	1386	1391	1398	rVB2	224	239	0.13%	0.018%

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 Title : VOC Analysis

35	5.662	1407	1422	1438	rBV	61694	122273	67.58%	9.198%
36	5.804	1463	1466	1469	rBV2	243	220	0.12%	0.017%
37	5.949	1504	1511	1517	rVV3	652	822	0.45%	0.062%
38	6.116	1549	1563	1581	rBV2	44151	89019	49.20%	6.696%
39	6.328	1625	1629	1633	rBV2	334	313	0.17%	0.024%
40	6.495	1675	1681	1684	rBV2	239	234	0.13%	0.018%
41	6.547	1693	1697	1701	rVB2	356	365	0.20%	0.027%
42	6.765	1761	1765	1768	rVV	283	242	0.13%	0.018%
43	6.814	1778	1780	1787	rVV2	406	364	0.20%	0.027%
44	6.891	1801	1804	1807	rVV	250	215	0.12%	0.016%
45	6.929	1813	1816	1822	rVB2	307	302	0.17%	0.023%
46	6.961	1822	1826	1830	rBV	255	236	0.13%	0.018%
47	7.029	1836	1847	1861	rBV2	18022	33003	18.24%	2.483%
48	7.190	1895	1897	1904	rVB2	326	284	0.16%	0.021%
49	7.225	1906	1908	1913	rVB2	247	208	0.11%	0.016%
50	7.261	1913	1919	1922	rBV2	382	452	0.25%	0.034%
51	7.360	1937	1950	1968	rBV	82978	147673	81.62%	11.108%
52	7.560	2009	2012	2015	rBV2	401	335	0.19%	0.025%
53	7.595	2018	2023	2026	rBV2	269	237	0.13%	0.018%
54	7.662	2036	2044	2059	rBV	10389	17864	9.87%	1.344%
55	7.855	2101	2104	2107	rVB2	403	257	0.14%	0.019%
56	7.981	2138	2143	2146	rBV3	565	594	0.33%	0.045%
57	8.135	2182	2191	2205	rBV2	12371	22724	12.56%	1.709%
58	8.299	2241	2242	2249	rVB2	342	244	0.13%	0.018%
59	8.360	2256	2261	2265	rBV2	162	208	0.11%	0.016%
60	8.476	2294	2297	2299	rBV2	310	231	0.13%	0.017%
61	8.582	2326	2330	2332	rBV	340	278	0.15%	0.021%
62	8.688	2359	2363	2370	rVB2	376	498	0.28%	0.037%
63	8.894	2414	2427	2455	rBV	89204	151475	83.72%	11.394%
64	9.322	2557	2560	2564	rVB2	250	199	0.11%	0.015%
65	9.585	2639	2642	2644	rBV	297	215	0.12%	0.016%
66	9.662	2661	2666	2668	rBV	329	307	0.17%	0.023%
67	10.016	2765	2776	2781	rBV2	230	499	0.28%	0.038%
68	10.260	2842	2852	2866	rBV	34047	53386	29.51%	4.016%
69	10.428	2896	2904	2908	rVV2	1237	1707	0.94%	0.128%
70	10.476	2913	2919	2921	rBV2	303	321	0.18%	0.024%
71	10.707	2987	2991	2994	rBV2	240	234	0.13%	0.018%

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 Title : VOC Analysis

72	10.868	3039	3041	3048	rVB2	227	211	0.12%	0.016%
73	11.064	3098	3102	3106	rBV2	233	313	0.17%	0.024%
74	11.296	3163	3174	3197	rVB2	61696	99460	54.97%	7.482%
75	11.672	3281	3291	3308	rVV	61637	98623	54.51%	7.419%
76	11.801	3322	3331	3336	rVB4	658	1033	0.57%	0.078%
77	12.379	3505	3511	3514	rBV2	228	276	0.15%	0.021%
78	12.646	3591	3594	3598	rBV	328	201	0.11%	0.015%
79	12.717	3613	3616	3621	rVB	434	368	0.20%	0.028%
80	13.000	3701	3704	3708	rVB2	557	390	0.22%	0.029%
81	13.096	3730	3734	3736	rBV3	851	643	0.36%	0.048%
82	13.386	3822	3824	3831	rVB	355	282	0.16%	0.021%
83	13.421	3831	3835	3838	rBV	343	281	0.16%	0.021%
84	13.521	3864	3866	3868	rVV	376	235	0.13%	0.018%
85	13.553	3868	3876	3888	rVV2	13016	20156	11.14%	1.516%
86	13.595	3888	3889	3895	rVB	593	380	0.21%	0.029%
87	13.636	3895	3902	3911	rBV5	1643	2499	1.38%	0.188%
88	13.710	3924	3925	3932	rVB2	288	235	0.13%	0.018%
89	13.752	3935	3938	3939	rBV	455	242	0.13%	0.018%
90	13.797	3944	3952	3959	rVV6	2524	3674	2.03%	0.276%
91	13.881	3973	3978	3981	rBV3	577	615	0.34%	0.046%
92	13.987	4007	4011	4017	rVB5	784	592	0.33%	0.045%
93	14.029	4017	4024	4025	rBV4	1574	1599	0.88%	0.120%
94	14.125	4051	4054	4055	rBV3	828	501	0.28%	0.038%
95	14.135	4055	4057	4061	rVB3	1211	796	0.44%	0.060%
96	14.154	4061	4063	4065	rBV3	439	252	0.14%	0.019%
97	14.395	4134	4138	4139	rBV3	884	594	0.33%	0.045%
98	14.685	4220	4228	4238	rVB	20417	30326	16.76%	2.281%
99	14.868	4279	4285	4295	rVB	22650	31672	17.50%	2.382%
100	17.450	5080	5088	5100	rVB3	10684	18258	10.09%	1.373%

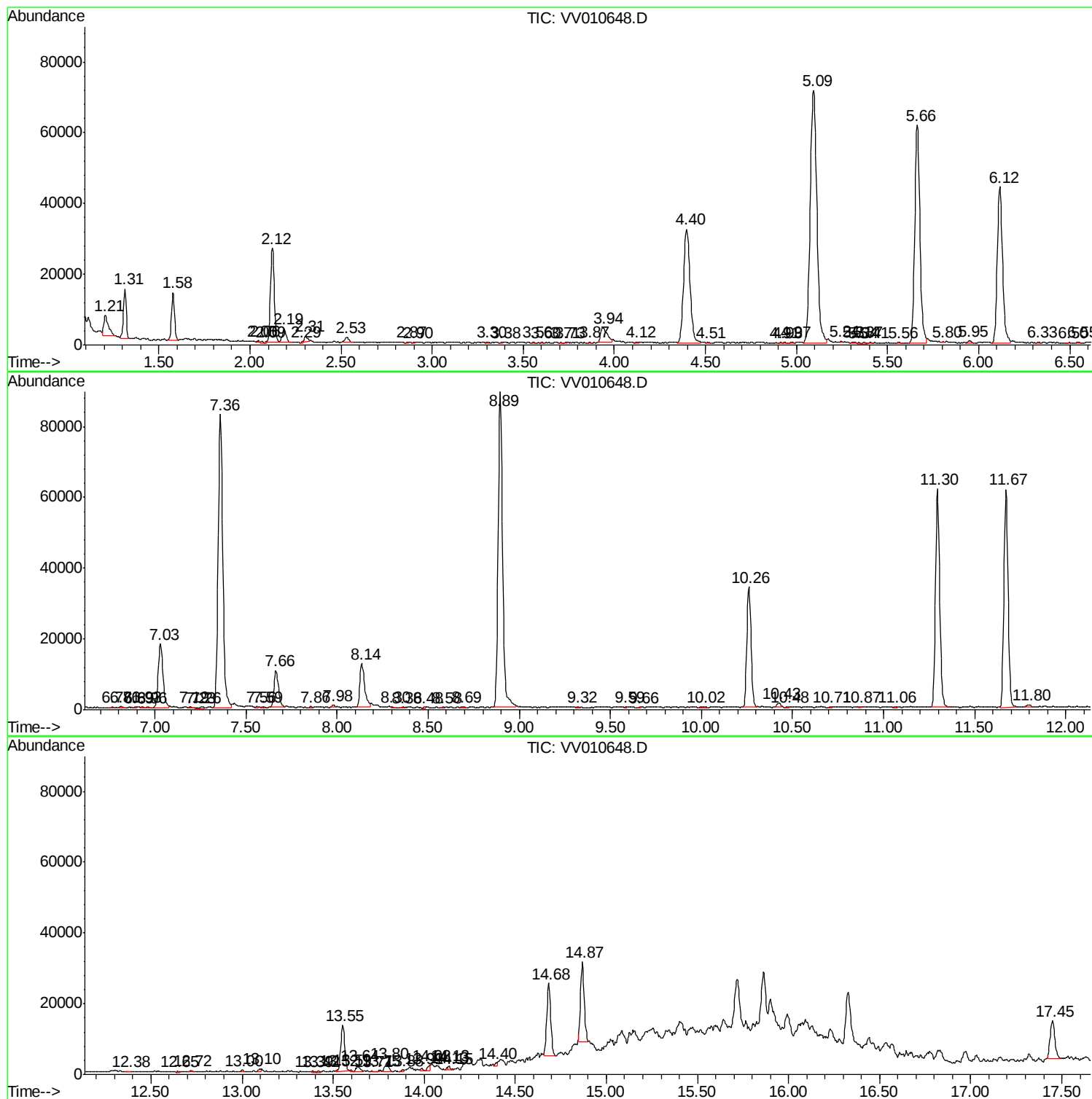
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

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



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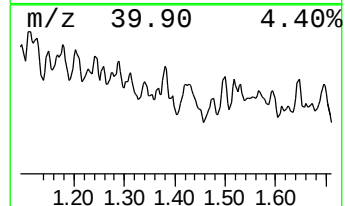
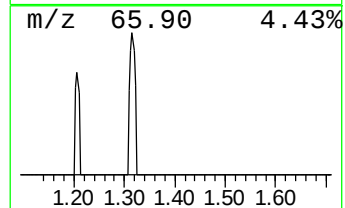
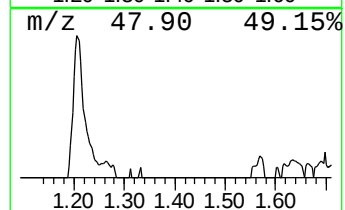
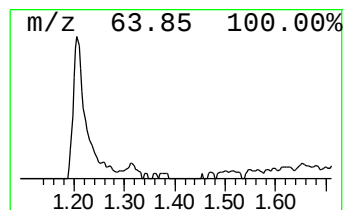
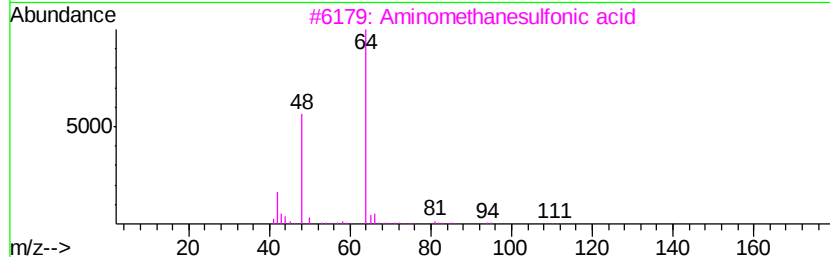
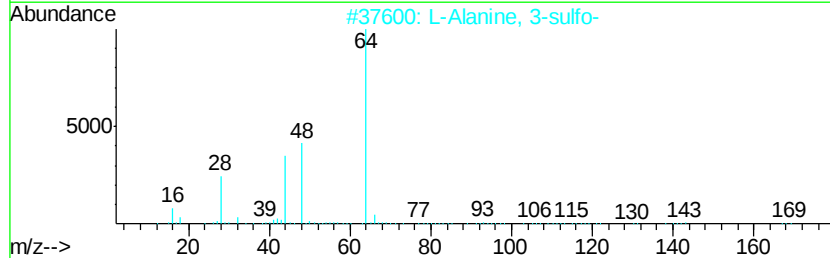
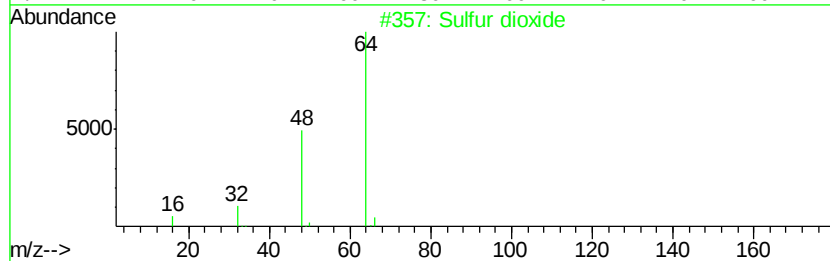
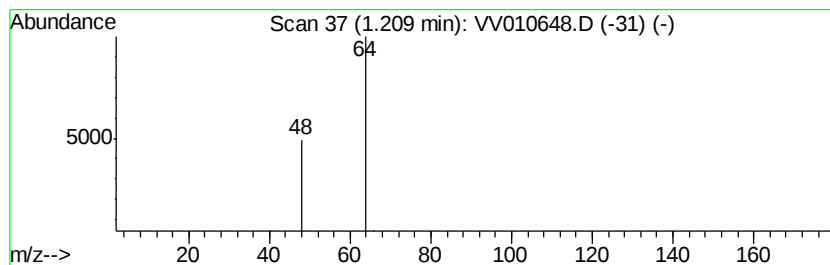
Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

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

Peak Number 1 Sulfur dioxide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	2.04 ug/L	9972	1,4-Difluorobenzene	5.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Sulfur dioxide	64 02S	007446-09-5 74
2		L-Alanine, 3-sulfo-	169 C3H7NO5S	000498-40-8 9
3		Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9 9
4		Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9 9
5		Sulfur dioxide	64 02S	007446-09-5 4



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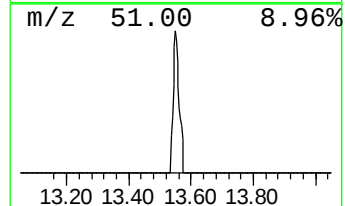
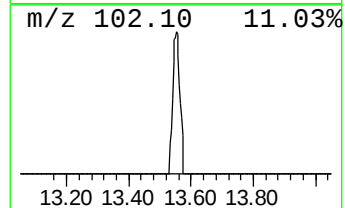
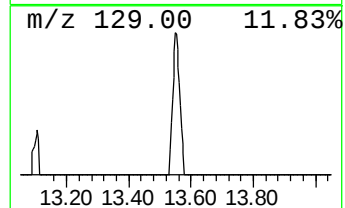
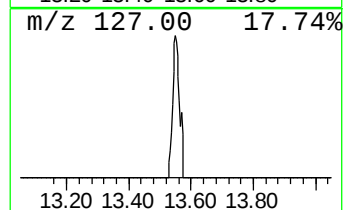
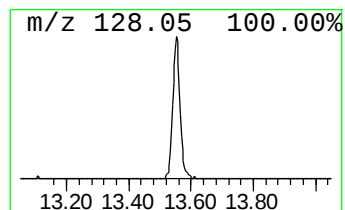
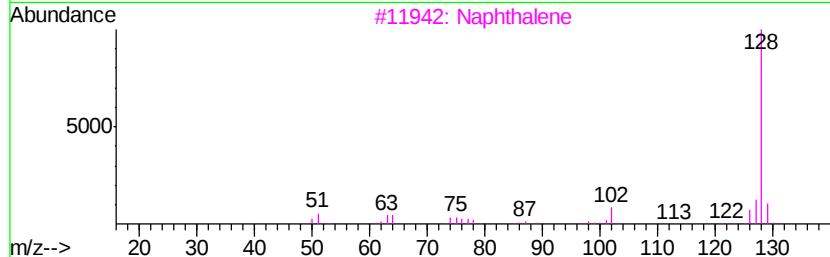
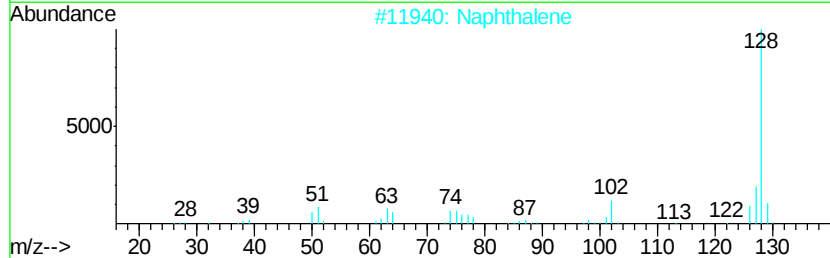
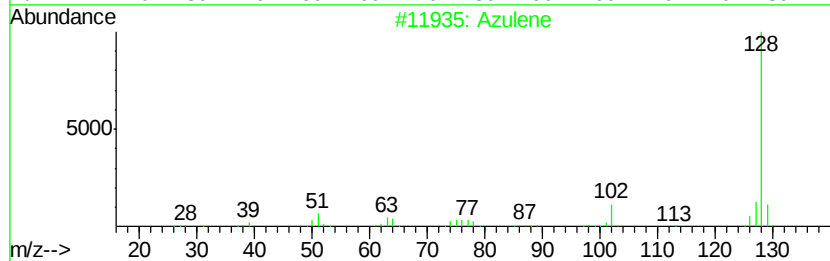
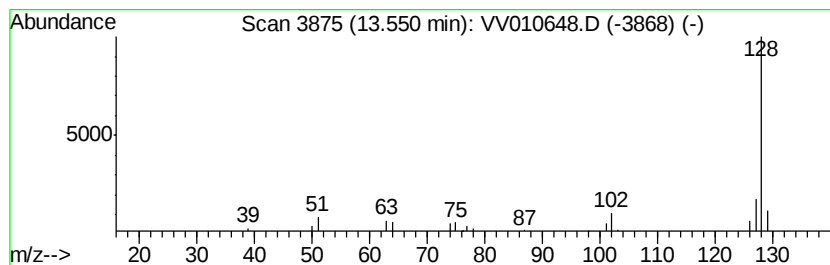
Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

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

Peak Number 3 Azulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	5.07 ug/L	20156	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Azulene	128 C10H8	000275-51-4	91
2	Naphthalene	128 C10H8	000091-20-3	91
3	Naphthalene	128 C10H8	000091-20-3	91
4	Naphthalene	128 C10H8	000091-20-3	91
5	Naphthalene	128 C10H8	000091-20-3	90



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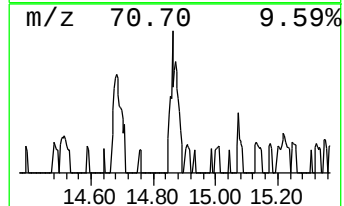
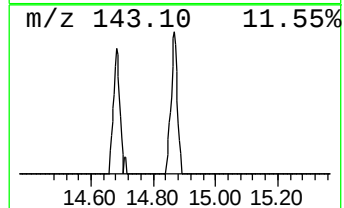
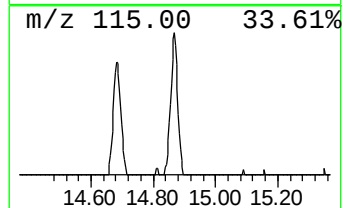
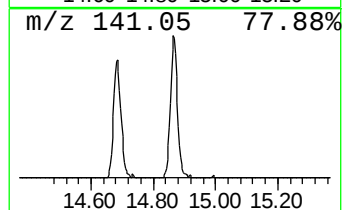
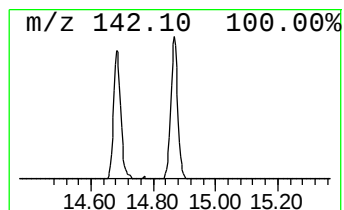
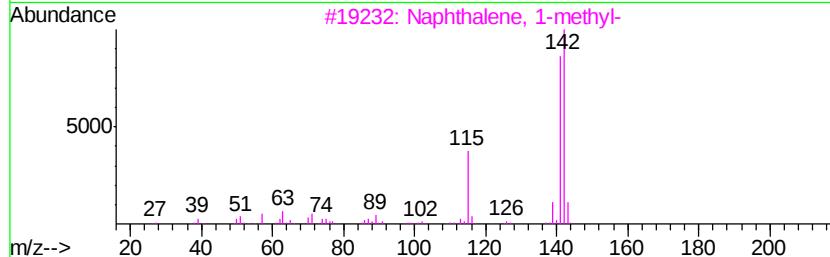
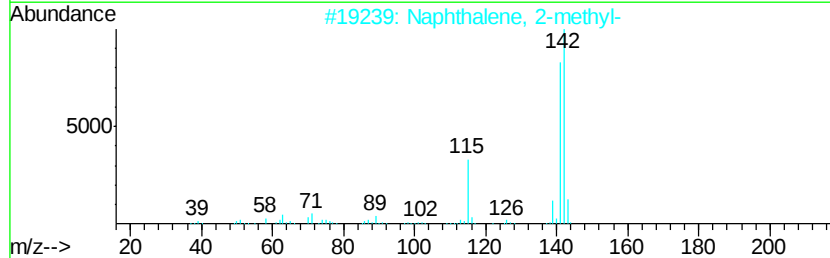
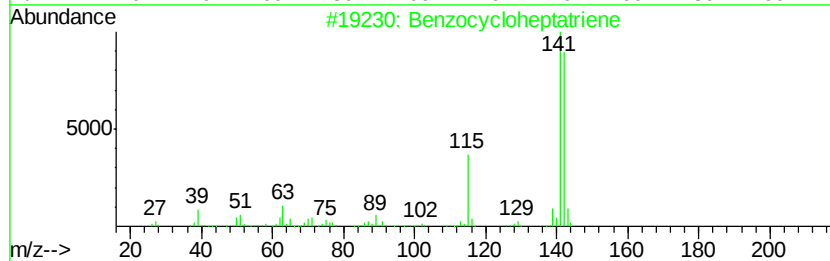
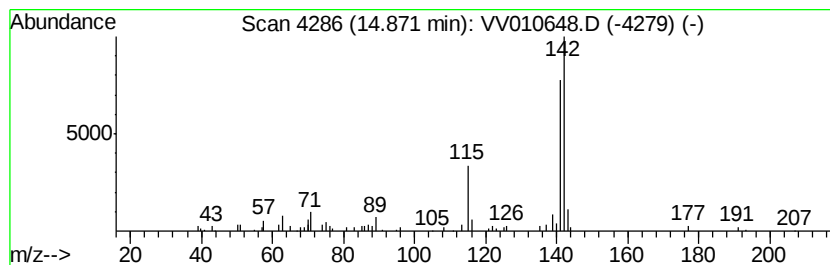
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	7.96 ug/L	31672	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzocycloheptatriene	142	C11H10	000264-09-5	91
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



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GAJ66

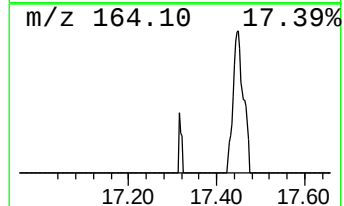
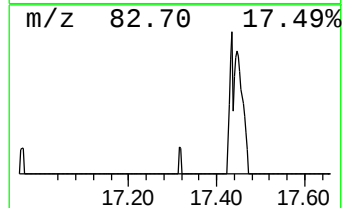
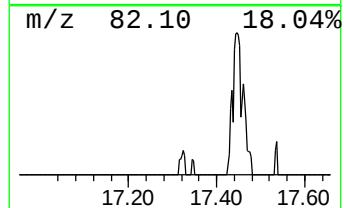
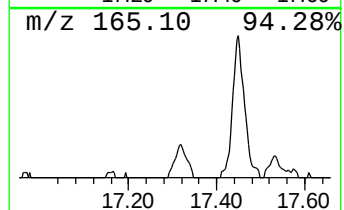
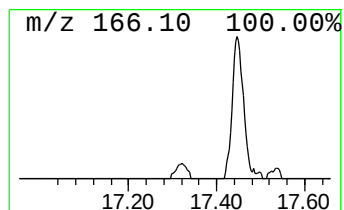
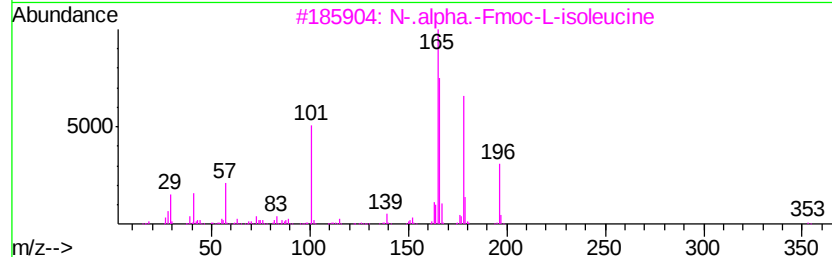
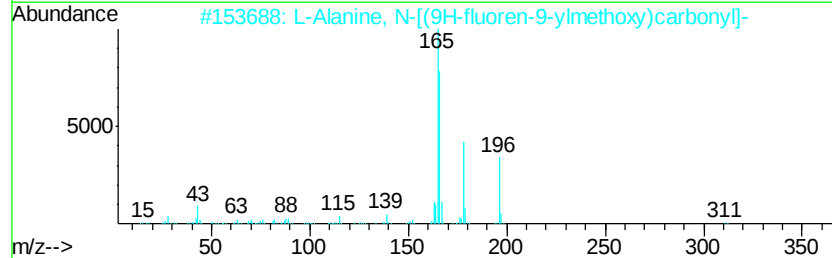
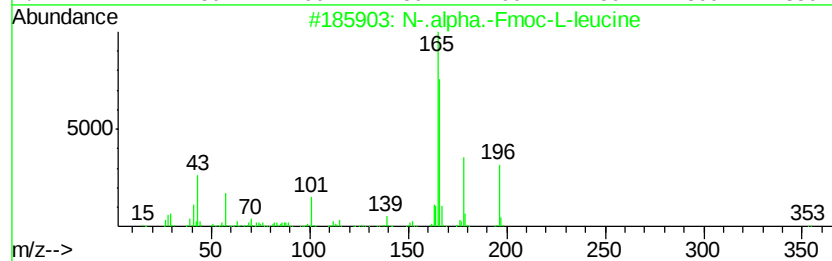
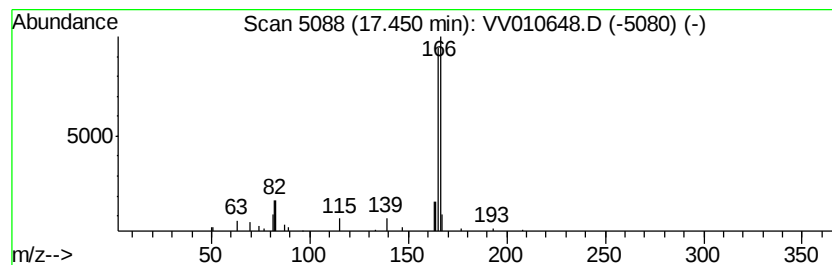
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Quant Title : VOC Analysis

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

Peak Number 6 N-.alpha.-Fmoc-L-leucine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	4.59 ug/L	18258	1,4-Dichlorobenzene-d4	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		N-.alpha.-Fmoc-L-leucine	353	C21H23N04	035661-60-0	83
2		L-Alanine, N-[(9H-fluoren-9-ylme...	311	C18H17N04	035661-39-3	83
3		N-.alpha.-Fmoc-L-isoleucine	353	C21H23N04	071989-23-6	83
4		Fluorene	166	C13H10	000086-73-7	80
5		Fluorene	166	C13H10	000086-73-7	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050219\
Data File : VV010648.D
Acq On : 03 May 2019 05:15
Operator : SY/MD
Sample : K2603-14
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ66

Quant Method : Z:\VOASRV\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
Sulfur dioxide	1.21	2.0	ug/L	9972	1	5.66	122273	25.0
Azulene	13.55	5.1	ug/L	20156	3	11.30	99460	25.0
Naphthalene, 1-me...	14.87	8.0	ug/L	31672	3	11.30	99460	25.0
N-.alpha.-Fmoc-L-...	17.45	4.6	ug/L	18258	3	11.30	99460	25.0