

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010398.D
 Acq On : 19 Apr 2019 22:16
 Operator : SY/MD
 Sample : K2456-15
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHN5

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	2.142	321	327	335	rVB	7377	9559	28.51%	5.175%
2	2.203	343	346	350	rVB4	1027	613	1.83%	0.332%
3	2.286	369	372	373	rBV	339	184	0.55%	0.100%
4	2.367	394	397	402	rVB2	426	355	1.06%	0.192%
5	2.386	402	403	406	rVB2	251	72	0.21%	0.039%
6	2.630	476	479	481	rBV2	436	252	0.75%	0.136%
7	2.727	507	509	511	rBV	204	87	0.26%	0.047%
8	2.862	549	551	553	rBV	281	153	0.46%	0.083%
9	3.116	626	630	631	rBV2	357	239	0.71%	0.129%
10	3.125	631	633	636	rVV2	499	225	0.67%	0.122%
11	3.161	641	644	647	rBV	502	289	0.86%	0.156%
12	3.190	650	653	654	rBV	288	160	0.48%	0.087%
13	3.222	661	663	666	rVB2	486	198	0.59%	0.107%
14	3.582	770	775	776	rBV2	425	350	1.04%	0.189%
15	3.634	788	791	794	rBV	393	191	0.57%	0.103%
16	3.656	797	798	799	rVB	376	72	0.21%	0.039%
17	3.679	803	805	808	rBV2	404	235	0.70%	0.127%
18	3.733	821	822	823	rBV	198	67	0.20%	0.036%
19	3.804	840	844	846	rBV2	165	158	0.47%	0.086%
20	3.839	852	855	857	rBV2	526	359	1.07%	0.194%
21	4.354	1013	1015	1017	rBV2	467	266	0.79%	0.144%
22	4.408	1023	1032	1033	rBV6	4892	6620	19.74%	3.584%
23	4.727	1129	1131	1133	rBV2	373	153	0.46%	0.083%
24	4.740	1133	1135	1136	rBV2	343	131	0.39%	0.071%
25	4.814	1155	1158	1159	rBV	495	245	0.73%	0.133%
26	4.842	1164	1167	1171	rVB	988	728	2.17%	0.394%
27	4.871	1171	1176	1179	rBV	742	525	1.57%	0.284%
28	4.891	1179	1182	1183	rBV	502	293	0.87%	0.159%
29	4.939	1194	1197	1200	rBV3	588	402	1.20%	0.218%
30	5.051	1229	1232	1233	rBV2	202	101	0.30%	0.055%
31	5.106	1235	1249	1268	rVV5	12677	33528	100.00%	18.153%
32	5.238	1289	1290	1293	rBV2	348	165	0.49%	0.089%
33	5.624	1407	1410	1413	rBV2	234	171	0.51%	0.093%
34	5.672	1413	1425	1438	rBV3	9494	21264	63.42%	11.513%

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 Title : VOC Analysis

35	5.855	1479	1482	1488	rVB	622	536	1.60%	0.290%
36	5.887	1490	1492	1495	rVB2	437	206	0.61%	0.112%
37	6.122	1555	1565	1581	rVB7	7646	16328	48.70%	8.840%
38	6.225	1596	1597	1598	rBV7	240	90	0.27%	0.049%
39	6.283	1612	1615	1616	rBV	431	218	0.65%	0.118%
40	6.379	1643	1645	1647	rBV2	413	184	0.55%	0.100%
41	6.498	1679	1682	1684	rBV2	338	264	0.79%	0.143%
42	6.556	1698	1700	1702	rBV2	326	206	0.61%	0.112%
43	6.621	1718	1720	1723	rBV	391	164	0.49%	0.089%
44	6.678	1735	1738	1739	rBV	232	151	0.45%	0.082%
45	6.897	1803	1806	1807	rBV	372	215	0.64%	0.116%
46	6.984	1832	1833	1834	rVB	391	75	0.22%	0.041%
47	6.997	1835	1837	1840	rVB	384	186	0.55%	0.101%
48	7.032	1842	1848	1850	rBV4	2530	2486	7.41%	1.346%
49	7.090	1865	1866	1867	rBV4	242	87	0.26%	0.047%
50	7.177	1890	1893	1896	rVB	465	244	0.73%	0.132%
51	7.212	1902	1904	1908	rVB	498	267	0.80%	0.145%
52	7.366	1943	1952	1969	rVB3	11888	21676	64.65%	11.736%
53	7.556	2008	2011	2016	rBV	582	586	1.75%	0.317%
54	7.633	2032	2035	2036	rBV	263	127	0.38%	0.069%
55	7.665	2041	2045	2048	rBV2	787	787	2.35%	0.426%
56	7.829	2094	2096	2097	rBV2	438	178	0.53%	0.096%
57	7.884	2111	2113	2114	rBV	315	133	0.40%	0.072%
58	8.215	2213	2216	2217	rBV2	440	240	0.72%	0.130%
59	8.437	2284	2285	2288	rBV2	355	192	0.57%	0.104%
60	8.698	2364	2366	2367	rBV	462	125	0.37%	0.068%
61	8.755	2381	2384	2385	rBV	372	188	0.56%	0.102%
62	8.900	2421	2429	2442	rBV5	8578	15470	46.14%	8.376%
63	8.993	2456	2458	2460	rBV2	377	138	0.41%	0.075%
64	9.051	2473	2476	2479	rBV2	438	333	0.99%	0.180%
65	9.132	2498	2501	2502	rBV	286	141	0.42%	0.076%
66	9.235	2530	2533	2536	rVB	459	329	0.98%	0.178%
67	9.299	2550	2553	2557	rVB2	609	437	1.30%	0.237%
68	9.694	2672	2676	2677	rBV	654	404	1.20%	0.219%
69	9.733	2686	2688	2691	rBV	314	175	0.52%	0.095%
70	9.817	2713	2714	2716	rBV	451	188	0.56%	0.102%
71	10.190	2826	2830	2835	rBV3	517	587	1.75%	0.318%

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72	10.212	2835	2837	2839	rBV3	347	132	0.39%	0.071%
73	10.263	2845	2853	2861	rBV6	6135	8848	26.39%	4.790%
74	10.331	2872	2874	2876	rBV	441	125	0.37%	0.068%
75	10.440	2905	2908	2912	rBV	1004	792	2.36%	0.429%
76	10.575	2949	2950	2953	rBV	492	180	0.54%	0.097%
77	10.820	3023	3026	3028	rBV2	1053	655	1.95%	0.355%
78	11.222	3148	3151	3153	rBV	413	304	0.91%	0.165%
79	11.305	3170	3177	3186	rVB7	5279	9209	27.47%	4.986%
80	11.678	3283	3293	3306	rBV4	6682	12781	38.12%	6.920%
81	11.897	3358	3361	3362	rBV2	455	216	0.64%	0.117%
82	12.919	3677	3679	3681	rBV	617	368	1.10%	0.199%
83	12.948	3686	3688	3693	rVB2	723	367	1.09%	0.199%
84	13.559	3871	3878	3887	rVB4	5093	7972	23.78%	4.316%

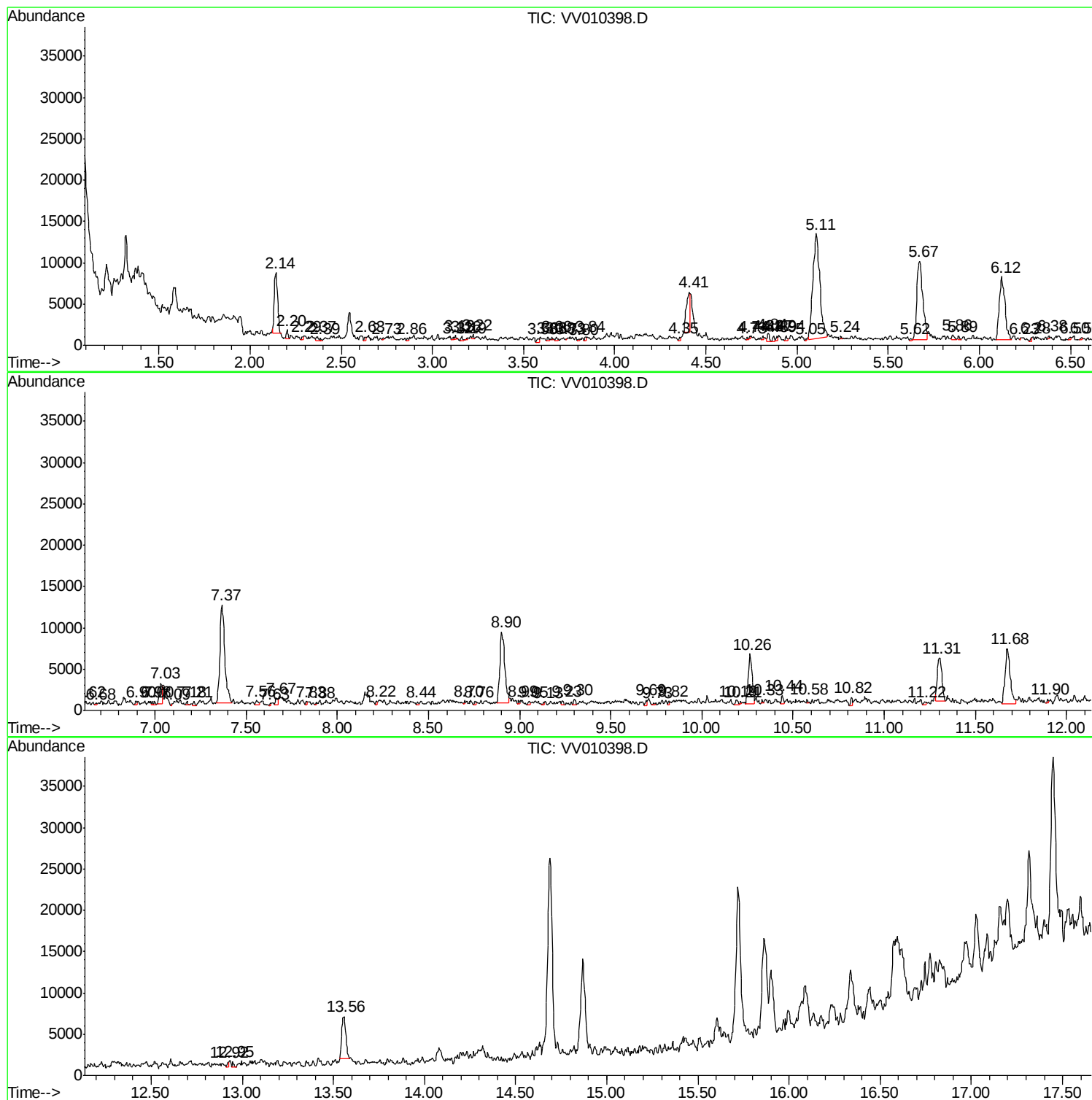
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

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



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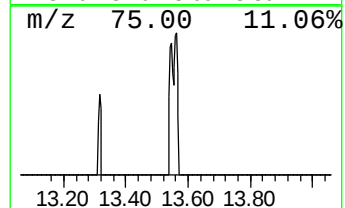
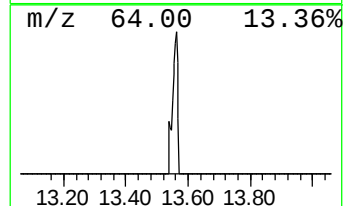
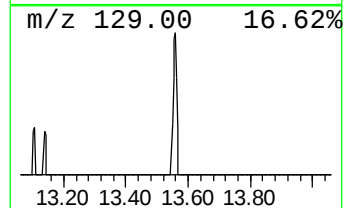
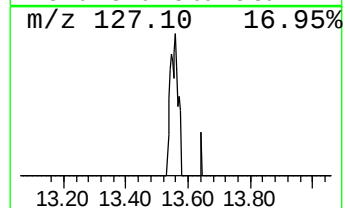
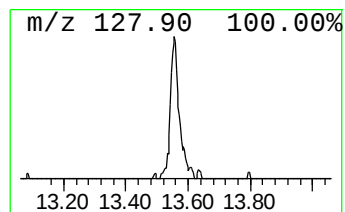
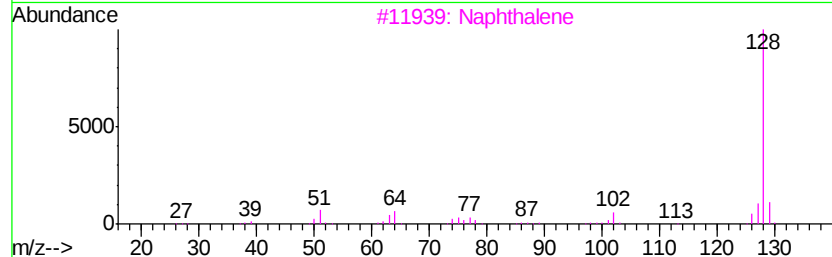
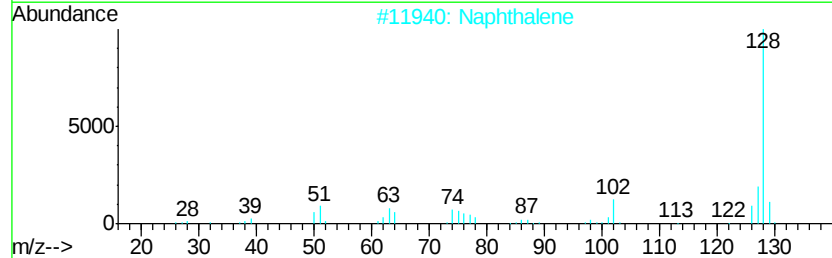
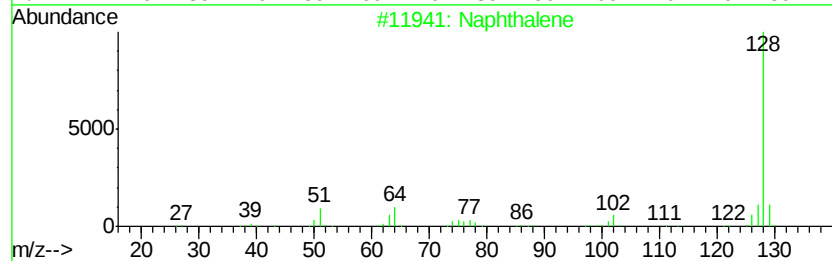
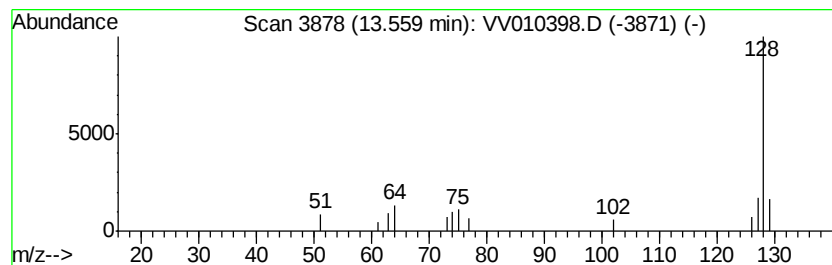
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Peak Number 5 Naphthalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	21.64 ug/L	7972	1,4-Dichlorobenzene-d4	11.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene	128	C10H8	000091-20-3	86
2		Naphthalene	128	C10H8	000091-20-3	83
3		Naphthalene	128	C10H8	000091-20-3	78
4		Azulene	128	C10H8	000275-51-4	72
5		Naphthalene	128	C10H8	000091-20-3	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene	13.56	21.6	ug/L	7972	3	11.31	9209	25.0