LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036500.D
Acq On : 12 Jul 2024 12:00
Operator : SY/MD
Sample : VV0712SBL02
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK344

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Title : VOC Analysis

Signal : TIC: VV036500.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.272	66	72	87	rVB	169712	181375	17.10%	2.233%
2	1.526	145	151	166	rVB	142431	168569	15.90%	2.076%
3	2.050	305	314	338	rVB	333644	505755	47.69%	6.228%
4	2.442	426	436	456	rVB	51072	89425	8.43%	1.101%
5	2.674	506	508	509	rBV	411	137	0.01%	0.002%
6	2.735	526	527	532	rBV2	303	178	0.02%	0.002%
7	2.780	535	541	543	rBV2	518	538	0.05%	0.007%
8	2.828	554	556	558	rVB2	281	121	0.01%	0.001%
9	2.857	562	565	566	rBV	301	198	0.02%	0.002%
10	2.963	586	598	619	rVB3	11014	24131	2.28%	0.297%
11	3.092	634	638	640	rBV2	332	258	0.02%	0.003%
12	3.166	657	661	664	rBV2	291	209	0.02%	0.003%
13	3.191	666	669	678	rVB3	238	223	0.02%	0.003%
14	3.233	680	682	686	rBV2	245	191	0.02%	0.002%
15	3.304	700	704	706	rVB2	233	172	0.02%	0.002%
16	3.320	706	709	715	rBV2	252	214	0.02%	0.003%
17	3.384	726	729	732	rVB2	178	118	0.01%	0.001%
18	3.410	732	737	741	rBV3	264	363	0.03%	0.004%
19	3.458	749	752	754	rVV	279	158	0.01%	0.002%
20	3.574	785	788	790	rBV	112	73	0.01%	0.001%
21	3.642	805	809	810	rBV	159	106	0.01%	0.001%
22	3.725	832	835	838	rBV2	182	125	0.01%	0.002%
23	3.783	850	853	854	rBV2	254	160	0.02%	0.002%
24	3.854	858	875	913	rBV4	14991	80718	7.61%	0.994%
25	4.243	980	996	1026	rBV	182165	484616	45.70%	5.967%
26	4.638	1115	1119	1120	rBV2	398	212	0.02%	0.003%
27	4.732	1145	1148	1149	rBV2	204	141	0.01%	0.002%
28	4.757	1154	1156	1158	rVB2	263	106	0.01%	0.001%
29	4.780	1158	1163	1165	rBV2	225	204	0.02%	0.003%
30	4.851	1183	1185	1188	rBV	203	156	0.01%	0.002%
31	4.950	1199	1216	1254	rBV2	410869	1060503	100.00%	13.059%
32	5.481	1376	1381	1383	rBV3	191	185	0.02%	0.002%
33	5.529	1386	1396	1425	rBV	322000	684645	64.56%	8.431%
34	5.828	1475	1489	1507	rBV3	16015	38622	3.64%	0.476%
35	5.982	1526	1537	1567	rBV	230409	493071	46.49%	6.072%
36	6.182	1596	1599	1603	rBV5	521	401	0.04%	0.005%

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Operator : SY/MD
Sample : VV0712SBL02
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK344

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Title : VOC Analysis

37	6.262	1622	1624	1627	rVB3	363	187	0.02%	0.002%
38	6.291	1631	1633	1635	rBV	329	139	0.01%	0.002%
39	6.449	1674	1682	1683	rBV3	618	845	0.08%	0.010%
40	6.477	1689	1691	1695	rVB3	374	236	0.02%	0.003%
41	6.516	1701	1703	1706	rVB2	221	115	0.01%	0.001%
42	6.542	1708	1711	1714	rVV2	275	167	0.02%	0.002%
43	6.574	1717	1721	1725	rBV2	245	249	0.02%	0.003%
44	6.596	1725	1728	1729	rBV	133	78	0.01%	0.001%
45	6.632	1736	1739	1742	rVB2	254	153	0.01%	0.002%
46	6.661	1744	1748	1752	rBV	144	138	0.01%	0.002%
47	6.825	1796	1799	1800	rBV2	173	95	0.01%	0.001%
48	6.912	1816	1826	1854	rBV	101315	202548	19.10%	2.494%
49	7.239	1917	1928	1970	rBV	475923	867985	81.85%	10.688%
50	7.555	2016	2026	2056	rBV2	66511	135670	12.79%	1.671%
51	7.873	2115	2125	2137	rBV2	16330	30002	2.83%	0.369%
52	7.963	2149	2153	2155	rVB2	308	219	0.02%	0.003%
53	7.976	2155	2157	2160	rBV2	189	119	0.01%	0.001%
54	7.998	2162	2164	2167	rVB2	160	85	0.01%	0.001%
55	8.037	2167	2176	2214	rBV	47615	125467	11.83%	1.545%
56	8.458	2305	2307	2311	rBV2	255	182	0.02%	0.002%
57	8.558	2334	2338	2340	rBV2	263	172	0.02%	0.002%
58	8.648	2362	2366	2369	rBV2	396	276	0.03%	0.003%
59	8.699	2380	2382	2386	rVB2	194	116	0.01%	0.001%
60	8.735	2389	2393	2395	rBV2	258	195	0.02%	0.002%
61	8.780	2396	2407	2437	rBV	520869	883463	83.31%	10.879%
62	9.034	2484	2486	2488	rBV2	667	313	0.03%	0.004%
63	9.082	2493	2501	2511	rBV3	7387	13701	1.29%	0.169%
64	9.194	2533	2536	2538	rBV2	311	189	0.02%	0.002%
65	9.255	2552	2555	2557	rBV3	263	166	0.02%	0.002%
66	9.304	2567	2570	2577	rVB2	393	301	0.03%	0.004%
67	9.355	2583	2586	2587	rBV2	230	127	0.01%	0.002%
68	9.381	2592	2594	2596	rVB2	323	116	0.01%	0.001%
69	9.442	2611	2613	2616	rVB	304	166	0.02%	0.002%
70	9.487	2616	2627	2630	rBV3	4512	6538	0.62%	0.081%
71	9.661	2676	2681	2684	rBV2	293	308	0.03%	0.004%
72	9.683	2684	2688	2690	rVB4	474	364	0.03%	0.004%
73	9.702	2690	2694	2696	rBV	146	121	0.01%	0.001%
74	10.111	2818	2821	2822	rBV	242	123	0.01%	0.002%
75	10.149	2822	2833	2848	rBV	183061	293271	27.65%	3.611%
76	10.323	2877	2887	2898	rVB2	24173	38385	3.62%	0.473%

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Operator : SY/MD
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Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK344

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Title : VOC Analysis

77	10.561	2957	2961	2964	rBV2	200	161	0.02%	0.002%
78	10.609	2974	2976	2978	rBV	269	126	0.01%	0.002%
79	10.686	2998	3000	3003	rVB	299	140	0.01%	0.002%
80	10.712	3004	3008	3011	rVB	295	179	0.02%	0.002%
81	10.731	3011	3014	3020	rBV4	438	474	0.04%	0.006%
82	10.976	3087	3090	3091	rBV	235	135	0.01%	0.002%
83	11.072	3118	3120	3122	rBV2	232	130	0.01%	0.002%
84	11.120	3127	3135	3144	rBV	20163	33785	3.19%	0.416%
85	11.181	3144	3154	3178	rVB	485749	795258	74.99%	9.793%
86	11.558	3259	3271	3293	rBV	463054	764833	72.12%	9.418%
87	11.892	3371	3375	3376	rBV2	460	237	0.02%	0.003%
88	12.120	3443	3446	3450	rBV3	251	269	0.03%	0.003%
89	12.140	3450	3452	3455	rVB	353	167	0.02%	0.002%
90	12.191	3461	3468	3478	rVB2	8073	12089	1.14%	0.149%
91	12.374	3520	3525	3529	rBV5	916	1050	0.10%	0.013%
92	12.487	3558	3560	3562	rBV	304	152	0.01%	0.002%
93	12.786	3651	3653	3657	rBV2	295	235	0.02%	0.003%
94	12.853	3671	3674	3675	rBV	380	186	0.02%	0.002%
95	13.053	3735	3736	3737	rBV	308	97	0.01%	0.001%
96	13.201	3774	3782	3793	rBV3	12505	19751	1.86%	0.243%
97	13.355	3823	3830	3832	rBV3	354	447	0.04%	0.006%
98	13.439	3847	3856	3871	rBV	36214	61839	5.83%	0.761%
99	13.683	3926	3932	3943	rVB5	7199	9579	0.90%	0.118%
100	14.567	4205	4207	4209	rBV2	463	257	0.02%	0.003%

Sum of corrected areas: 8121043

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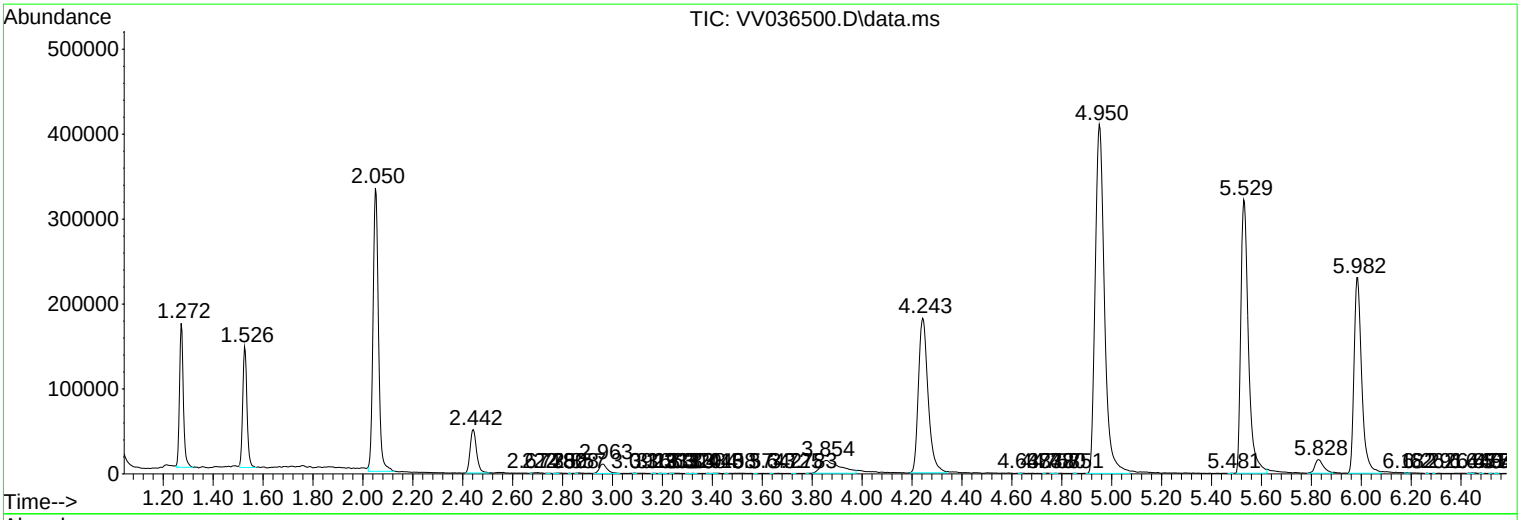
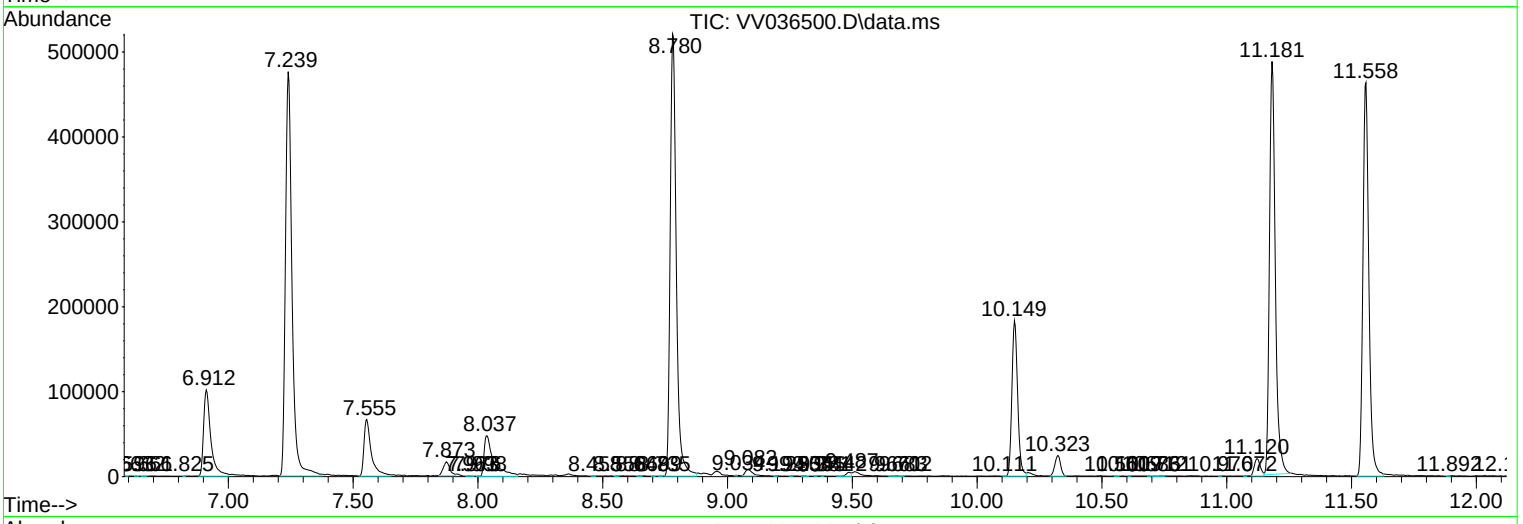
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 6 Sample Multiplier: 1

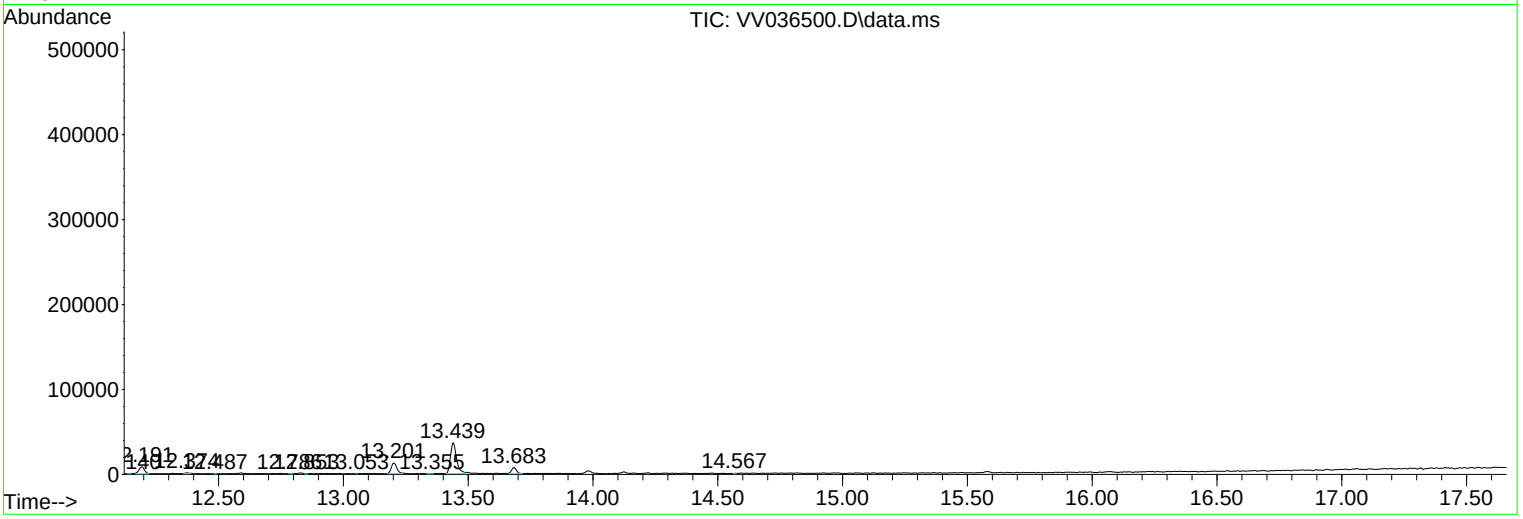
Instrument :
MSVOA_V
ClientSampleId :
VBLK344

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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Instrument :
MSVOA_V
ClientSampleId :
VBLK344

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

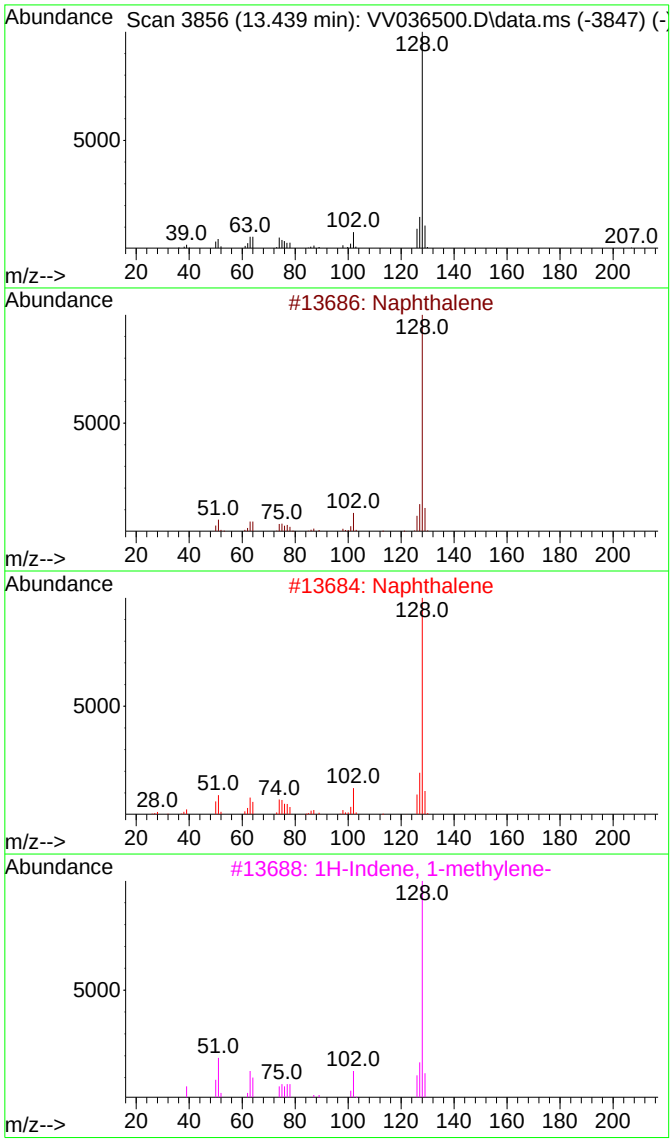
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

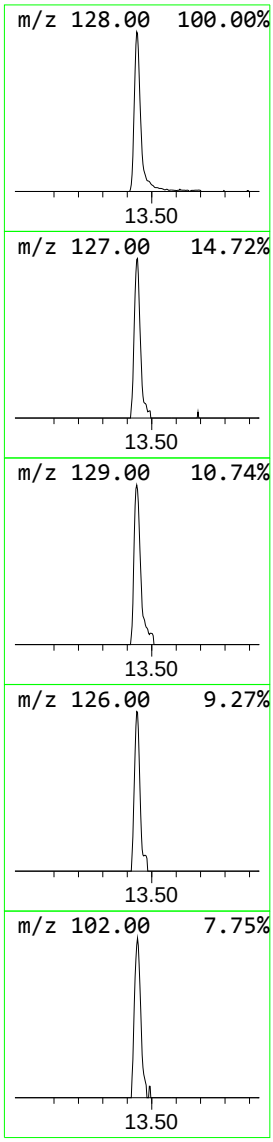
****

Peak Number 3 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.439	1.94 ug/L	61839	1,4-Dichlorobenzene-d4	11.182

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	94
4	Naphthalene	128	C10H8	000091-20-3	91
5	Azulene	128	C10H8	000275-51-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Azulene	13.439	1.9	ug/L	61839	3	11.182	795258	25.0