LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092319\
Data File : VV012955.D
Acq On : 23 Sep 2019 23:47
Operator : SY/MD
Sample : K4984-10
Misc : 4.88G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BEDL4

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\SOM2VLM092319S.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	1.225	39	42	47	rVB	19232	15144	0.53%	0.065%
2	1.319	63	71	87	rVB	363660	391114	13.66%	1.685%
3	1.582	145	153	168	rVB	328049	377185	13.17%	1.625%
4	2.129	313	323	336	rBV	608038	851209	29.73%	3.667%
5	2.312	374	380	393	rVB4	5706	10146	0.35%	0.044%
6	2.428	413	416	420	rVB3	1127	1028	0.04%	0.004%
7	2.537	439	450	466	rVV	113550	180666	6.31%	0.778%
8	2.640	477	482	483	rBV5	1272	811	0.03%	0.003%
9	2.698	497	500	505	rVB4	1461	1181	0.04%	0.005%
10	2.720	505	507	510	rVB3	1303	668	0.02%	0.003%
11	2.781	521	526	527	rBV3	810	714	0.02%	0.003%
12	2.852	541	548	552	rBV6	884	1015	0.04%	0.004%
13	2.891	555	560	566	rBV6	856	1080	0.04%	0.005%
14	3.000	589	594	599	rVB6	1138	1353	0.05%	0.006%
15	3.077	604	618	633	rVV3	42345	86121	3.01%	0.371%
16	3.132	633	635	645	rVB6	1639	2130	0.07%	0.009%
17	3.306	685	689	692	rVV4	1025	833	0.03%	0.004%
18	3.370	708	709	715	rVB4	1156	782	0.03%	0.003%
19	3.479	736	743	748	rVB6	764	878	0.03%	0.004%
20	3.695	806	810	814	rBV4	846	768	0.03%	0.003%
21	3.752	825	828	832	rBV4	934	834	0.03%	0.004%
22	3.781	834	837	841	rBV4	775	896	0.03%	0.004%
23	3.875	860	866	869	rBV5	758	851	0.03%	0.004%
24	3.933	872	884	920	rBV	110773	358678	12.53%	1.545%
25	4.103	933	937	945	rVB8	1598	1720	0.06%	0.007%
26	4.161	952	955	958	rVV4	1196	979	0.03%	0.004%
27	4.177	958	960	962	rVV2	1292	677	0.02%	0.003%
28	4.318	1000	1004	1007	rBV3	1039	992	0.03%	0.004%
29	4.399	1010	1029	1057	rBV	467318	1144258	39.96%	4.929%
30	4.550	1074	1076	1083	rVB5	896	743	0.03%	0.003%
31	4.601	1089	1092	1096	rVB5	1189	1055	0.04%	0.005%
32	4.633	1099	1102	1106	rVB4	1053	735	0.03%	0.003%
33	4.659	1106	1110	1115	rBV5	772	813	0.03%	0.004%
34	4.701	1120	1123	1126	rBV5	950	678	0.02%	0.003%

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Sample : K4984-10
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Instrument : MSVOA_V
ClientSampleId : BEDL4

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Title : VOC Analysis

35	4.717	1126	1128	1134	rBV5	972	701	0.02%	0.003%
36	4.762	1139	1142	1148	rVB7	1152	1128	0.04%	0.005%
37	4.810	1154	1157	1163	rVB6	1337	1266	0.04%	0.005%
38	5.093	1227	1245	1281	rBV2	1138716	2863336	100.00%	12.335%
39	5.396	1337	1339	1343	rVB3	1534	948	0.03%	0.004%
40	5.444	1348	1354	1356	rBV7	1488	1654	0.06%	0.007%
41	5.505	1370	1373	1375	rBV4	849	677	0.02%	0.003%
42	5.553	1385	1388	1395	rVB5	1187	1308	0.05%	0.006%
43	5.592	1395	1400	1403	rBV5	1508	1254	0.04%	0.005%
44	5.662	1403	1422	1455	rBV	884335	1757406	61.38%	7.571%
45	5.865	1483	1485	1489	rVB3	1230	728	0.03%	0.003%
46	5.900	1493	1496	1499	rBV5	1302	998	0.03%	0.004%
47	5.955	1499	1513	1515	rBV4	31435	55546	1.94%	0.239%
48	5.977	1515	1520	1547	rVV	67974	158127	5.52%	0.681%
49	6.116	1548	1563	1595	rVB	661734	1354921	47.32%	5.837%
50	6.363	1638	1640	1647	rVB7	1060	871	0.03%	0.004%
51	6.421	1656	1658	1664	rVB5	890	774	0.03%	0.003%
52	6.476	1674	1675	1682	rVB4	788	636	0.02%	0.003%
53	6.508	1682	1685	1688	rBV3	1107	983	0.03%	0.004%
54	6.752	1757	1761	1764	rVB4	943	734	0.03%	0.003%
55	6.768	1764	1766	1770	rBV4	890	785	0.03%	0.003%
56	6.830	1782	1785	1789	rVB3	1030	761	0.03%	0.003%
57	6.907	1805	1809	1813	rVB5	973	743	0.03%	0.003%
58	7.026	1828	1846	1862	rBV	351747	626425	21.88%	2.699%
59	7.141	1880	1882	1890	rVB7	1496	1467	0.05%	0.006%
60	7.289	1925	1928	1930	rBV5	1221	748	0.03%	0.003%
61	7.357	1934	1949	1967	rBV	1351006	2350311	82.08%	10.125%
62	7.598	2021	2024	2027	rBV3	1764	1513	0.05%	0.007%
63	7.662	2033	2044	2063	rBV	228597	382628	13.36%	1.648%
64	7.833	2094	2097	2100	rBV5	1310	1202	0.04%	0.005%
65	7.881	2109	2112	2114	rBV3	1222	694	0.02%	0.003%
66	8.016	2130	2154	2176	rBV	972562	1700547	59.39%	7.326%
67	8.129	2179	2189	2215	rVV	369530	686316	23.97%	2.957%
68	8.894	2413	2427	2451	rBV	1359327	2236994	78.13%	9.637%
69	9.183	2514	2517	2527	rVB10	3459	3596	0.13%	0.015%
70	9.460	2600	2603	2604	rBV2	1188	631	0.02%	0.003%
71	9.482	2608	2610	2615	rVB5	986	801	0.03%	0.003%

LSC Area Percent Report

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Instrument : MSVOA_V
ClientSampleId : BEDL4

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\SOM2VLM092319S.M
Title : VOC Analysis

72	9.591	2634	2644	2651	rBV5	3522	5986	0.21%	0.026%
73	9.733	2686	2688	2691	rVV2	1133	714	0.02%	0.003%
74	9.855	2723	2726	2728	rVB4	1548	900	0.03%	0.004%
75	9.945	2749	2754	2758	rBV7	1549	1379	0.05%	0.006%
76	9.968	2758	2761	2763	rBV3	1376	691	0.02%	0.003%
77	10.125	2805	2810	2813	rBV7	1354	1438	0.05%	0.006%
78	10.167	2817	2823	2824	rBV4	3085	2504	0.09%	0.011%
79	10.257	2838	2851	2869	rBV	589945	935606	32.68%	4.030%
80	10.360	2879	2883	2888	rBV7	1814	1938	0.07%	0.008%
81	10.421	2890	2902	2914	rBV	50215	86924	3.04%	0.374%
82	10.492	2920	2924	2927	rBV5	1750	1694	0.06%	0.007%
83	10.556	2936	2944	2949	rBV10	2980	4326	0.15%	0.019%
84	10.617	2957	2963	2966	rBV6	4501	5388	0.19%	0.023%
85	10.810	3018	3023	3028	rVB7	3728	4362	0.15%	0.019%
86	10.955	3062	3068	3077	rVB4	7932	13982	0.49%	0.060%
87	10.990	3077	3079	3082	rVB4	1342	696	0.02%	0.003%
88	11.022	3086	3089	3091	rBV4	1570	949	0.03%	0.004%
89	11.074	3099	3105	3108	rBV8	2063	2263	0.08%	0.010%
90	11.186	3132	3140	3149	rBV4	12509	22699	0.79%	0.098%
91	11.228	3151	3153	3154	rBV2	1666	630	0.02%	0.003%
92	11.289	3161	3172	3190	rBV	1358988	2099822	73.33%	9.046%
93	11.434	3209	3217	3222	rBV8	5253	8334	0.29%	0.036%
94	11.585	3259	3264	3265	rBV4	3191	2590	0.09%	0.011%
95	11.669	3278	3290	3311	rBV	1290980	2065741	72.14%	8.899%
96	12.296	3475	3485	3494	rVB3	19570	35674	1.25%	0.154%
97	12.392	3510	3515	3522	rBV10	5159	8420	0.29%	0.036%
98	13.791	3943	3950	3959	rVB	28315	41455	1.45%	0.179%
99	15.463	4464	4470	4477	rVB2	65293	85690	2.99%	0.369%
100	15.639	4519	4525	4537	rVB4	84491	131911	4.61%	0.568%

Sum of corrected areas: 23213599

LSC Report - Integrated Chromatogram

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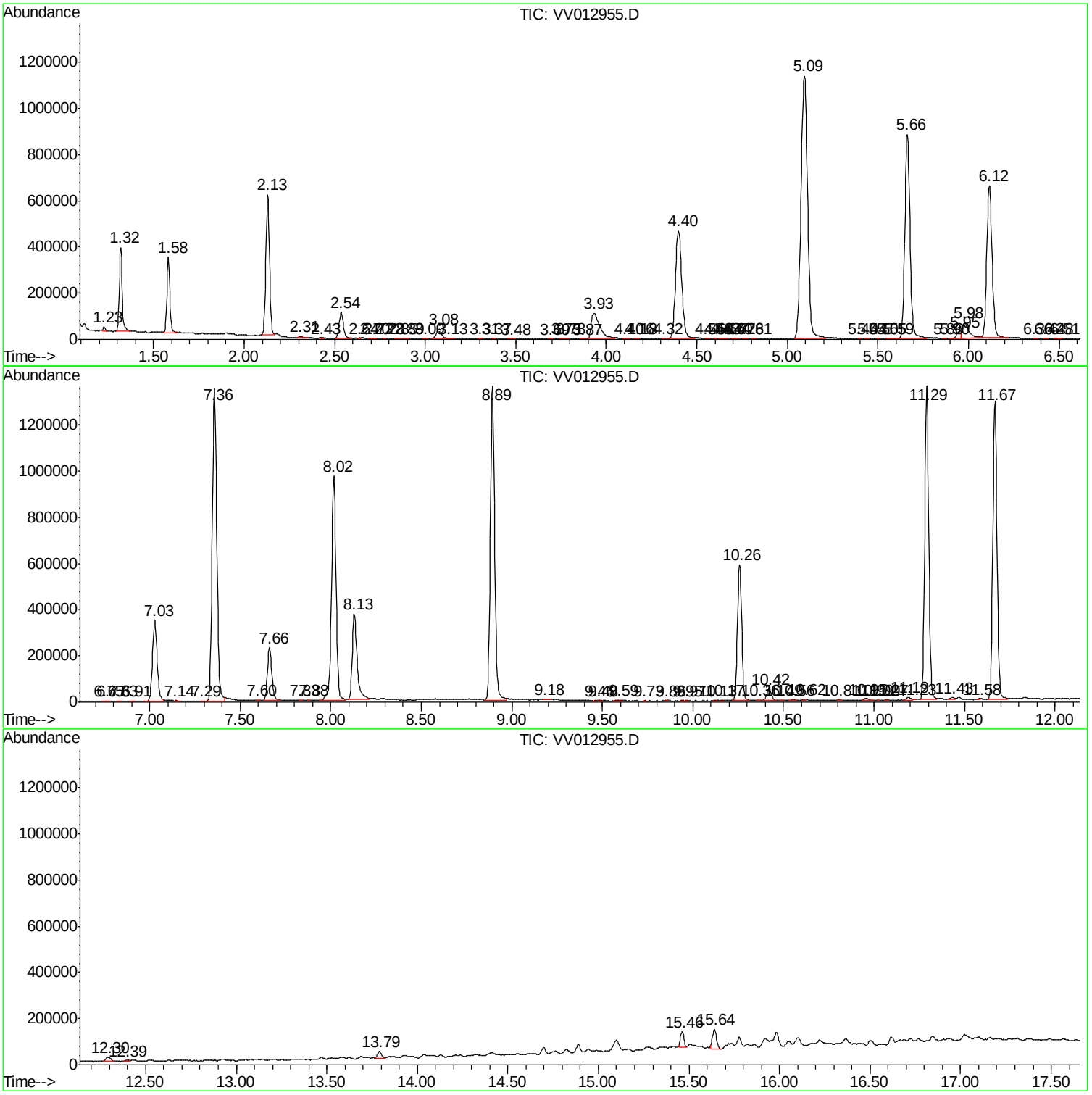
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BEDL4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092319\
Data File : VV012955.D
Acq On : 23 Sep 2019 23:47
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Sample : K4984-10
Misc : 4.88G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BEDL4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis

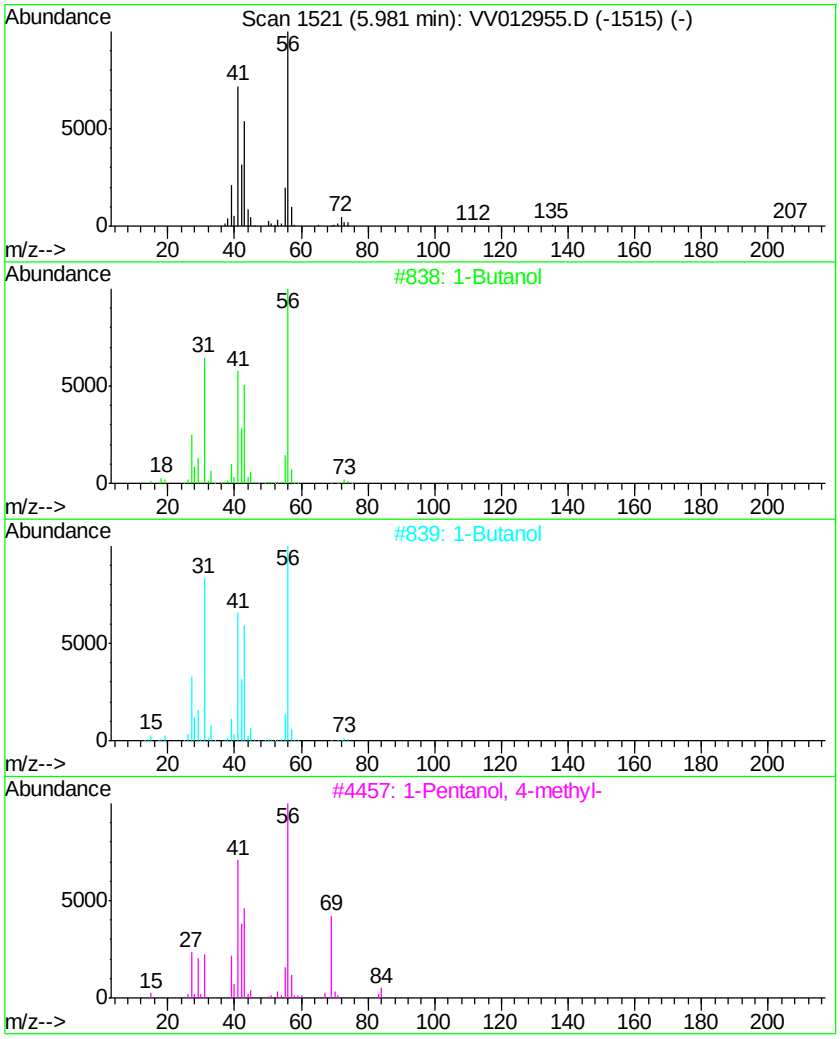
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

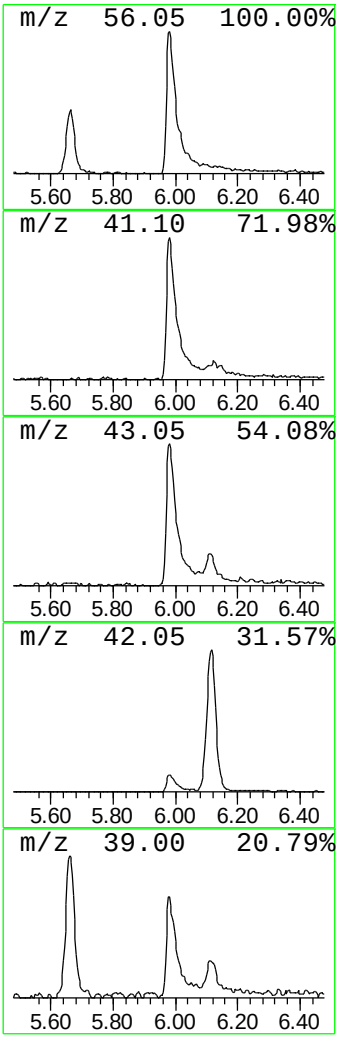
****

Peak Number 1 1-Butanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	2.25 ug/L	158127	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	86
2	1-Butanol	74	C4H10O	000071-36-3	64
3	1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	56
4	Cyanic acid, propyl ester	85	C4H7NO	001768-36-1	50
5	Hexyl trifluoroacetate	198	C8H13F3O2	000400-61-3	40





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis

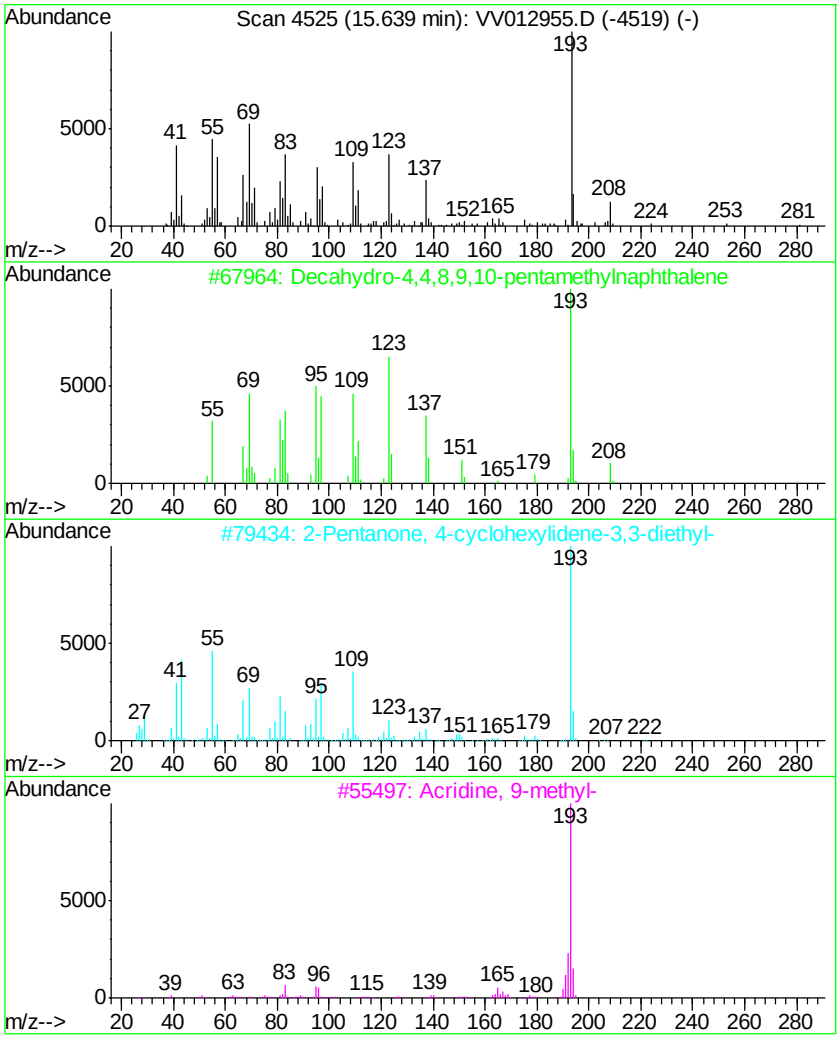
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

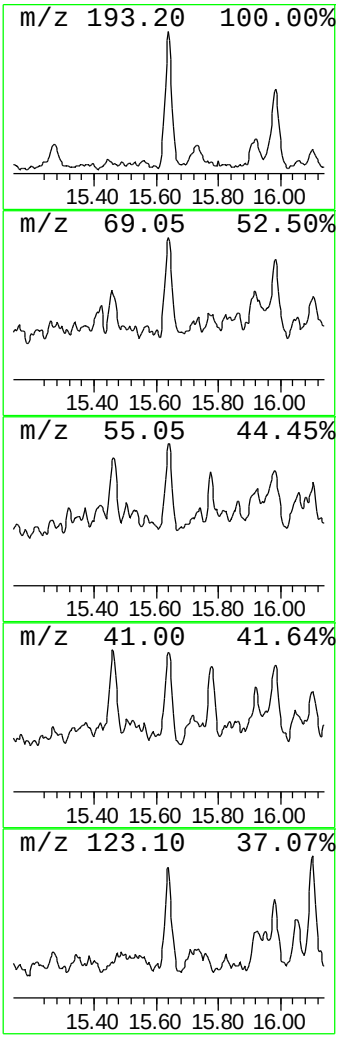
****

Peak Number 3 Decahydro-4,4,8,9,10-pentam... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	1.57 ug/L	131911	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	87
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	40
3	Acridine, 9-methyl-	193	C14H11N	000611-64-3	38
4	1-(2-Hydroxyethyl)-1,2,5,5-tetra...	238	C16H30O	1000298-97-4	38
5	3-Phenylindole	193	C14H11N	001504-16-1	35





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Butanol	5.98	2.3	ug/L	158127	1	5.66	1757410	25.0
Decahydro-4,4,8,9...	15.64	1.6	ug/L	131911	3	11.29	2099820	25.0