LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Data File : VW009537.D
Acq On : 28 Mar 2019 14:46
Operator : SY/VA
Sample : K2084-05
Misc : 3.70G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF7W7

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_W\METHOD\SOM2WLM031419S.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	2.160	37	42	48	rBV7	5469	11314	0.58%	0.083%
2	2.355	68	74	84	rBV	105033	235341	11.98%	1.719%
3	2.891	155	162	176	rVB	88098	228869	11.65%	1.671%
4	3.739	299	301	304	rBV4	1205	1606	0.08%	0.012%
5	3.794	308	310	312	rBV3	929	1048	0.05%	0.008%
6	3.849	317	319	327	rVB5	2281	4385	0.22%	0.032%
7	4.013	335	346	363	rBV2	168909	574838	29.25%	4.198%
8	4.373	400	405	407	rBV4	1936	3040	0.15%	0.022%
9	4.598	438	442	443	rBV4	1505	2309	0.12%	0.017%
10	4.659	443	452	455	rBV4	5191	14051	0.72%	0.103%
11	4.751	465	467	470	rVB2	721	908	0.05%	0.007%
12	4.909	480	493	511	rVV2	43227	180032	9.16%	1.315%
13	5.104	521	525	528	rVB3	720	847	0.04%	0.006%
14	5.135	528	530	532	rBV3	1349	930	0.05%	0.007%
15	5.245	546	548	551	rBV3	584	691	0.04%	0.005%
16	5.373	566	569	572	rBV2	1048	1447	0.07%	0.011%
17	5.403	572	574	579	rVB5	838	1085	0.06%	0.008%
18	5.476	584	586	590	rVB4	1155	1804	0.09%	0.013%
19	5.525	590	594	597	rBV3	1298	1946	0.10%	0.014%
20	5.556	597	599	601	rBV3	1149	778	0.04%	0.006%
21	5.604	604	607	612	rBV6	705	1582	0.08%	0.012%
22	5.690	619	621	622	rBV2	1101	985	0.05%	0.007%
23	5.708	622	624	627	rVB2	816	969	0.05%	0.007%
24	5.781	633	636	638	rVB4	679	811	0.04%	0.006%
25	5.934	647	661	670	rBV2	14988	45647	2.32%	0.333%
26	6.080	683	685	687	rBV3	981	797	0.04%	0.006%
27	6.110	687	690	693	rVV4	1151	1647	0.08%	0.012%
28	6.141	693	695	698	rVB4	986	1179	0.06%	0.009%
29	6.208	703	706	713	rVB4	1227	2828	0.14%	0.021%
30	6.263	713	715	716	rBV	809	728	0.04%	0.005%
31	6.342	726	728	731	rVB3	1003	955	0.05%	0.007%
32	6.385	731	735	736	rBV2	969	1389	0.07%	0.010%
33	6.568	762	765	767	rVB3	947	860	0.04%	0.006%
34	6.635	775	776	779	rVB2	718	709	0.04%	0.005%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF7W7

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_W\METHOD\SOM2WLM031419S.M
Title : VOC Analysis

35	6.769	795	798	799	rVB3	1189	747	0.04%	0.005%
36	6.818	801	806	807	rBV2	1030	1237	0.06%	0.009%
37	6.885	812	817	819	rBV2	872	1434	0.07%	0.010%
38	6.976	830	832	834	rBV2	695	761	0.04%	0.006%
39	7.080	841	849	863	rBV	41618	122629	6.24%	0.895%
40	7.287	880	883	888	rBV6	1341	1757	0.09%	0.013%
41	7.458	908	911	915	rBV4	963	1219	0.06%	0.009%
42	7.519	918	921	923	rBV3	1626	1958	0.10%	0.014%
43	7.647	931	942	953	rBV	273407	651507	33.16%	4.758%
44	7.732	955	956	960	rVB3	1083	822	0.04%	0.006%
45	7.775	962	963	967	rVB3	1093	889	0.05%	0.006%
46	7.817	968	970	973	rBV3	1022	786	0.04%	0.006%
47	7.872	978	979	986	rVB4	1402	1695	0.09%	0.012%
48	7.945	989	991	992	rBV2	1179	749	0.04%	0.005%
49	7.970	992	995	998	rVB4	966	1028	0.05%	0.008%
50	8.019	1002	1003	1006	rBV3	1196	979	0.05%	0.007%
51	8.061	1007	1010	1013	rBV5	607	746	0.04%	0.005%
52	8.275	1033	1045	1060	rBV2	486635	1456346	74.12%	10.635%
53	8.634	1100	1104	1105	rVV3	1185	1236	0.06%	0.009%
54	8.842	1129	1138	1151	rBV	458047	921144	46.88%	6.727%
55	8.994	1159	1163	1164	rBV4	916	994	0.05%	0.007%
56	9.189	1193	1195	1197	rVB3	1013	812	0.04%	0.006%
57	9.274	1197	1209	1218	rBV	332079	687846	35.01%	5.023%
58	9.342	1218	1220	1224	rVV5	3050	4678	0.24%	0.034%
59	9.378	1224	1226	1228	rVV3	2231	2036	0.10%	0.015%
60	9.427	1232	1234	1236	rBV3	989	927	0.05%	0.007%
61	9.598	1261	1262	1264	rBV2	1130	884	0.04%	0.006%
62	9.659	1268	1272	1276	rBV6	1588	2139	0.11%	0.016%
63	9.738	1283	1285	1286	rBV2	1670	1113	0.06%	0.008%
64	9.756	1286	1288	1292	rVB4	2274	2932	0.15%	0.021%
65	9.793	1292	1294	1296	rVB2	852	748	0.04%	0.005%
66	9.854	1301	1304	1305	rBV2	816	798	0.04%	0.006%
67	9.890	1305	1310	1317	rVB6	4497	10361	0.53%	0.076%
68	9.957	1318	1321	1325	rVB4	1318	1448	0.07%	0.011%
69	10.037	1325	1334	1341	rBV	179762	333061	16.95%	2.432%
70	10.244	1364	1368	1369	rBV3	3857	3971	0.20%	0.029%
71	10.323	1373	1381	1388	rBV	711946	1197747	60.96%	8.746%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF7W7

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_W\METHOD\SOM2WLM031419S.M
Title : VOC Analysis

72	10.530	1413	1415	1416	rBV2	1436	891	0.05%	0.007%
73	10.579	1416	1423	1434	rVV	121174	218263	11.11%	1.594%
74	10.927	1474	1480	1490	rBV	164410	294334	14.98%	2.149%
75	11.274	1535	1537	1539	rBV2	3533	2460	0.13%	0.018%
76	11.628	1588	1595	1606	rBV	682929	1168088	59.45%	8.530%
77	12.481	1710	1735	1748	rBV5	75540	419484	21.35%	3.063%
78	12.695	1764	1770	1778	rVB	272278	456767	23.25%	3.336%
79	12.938	1806	1810	1811	rBV4	3101	3796	0.19%	0.028%
80	13.377	1879	1882	1883	rBV3	2791	2999	0.15%	0.022%
81	13.408	1885	1887	1892	rVB6	4700	7995	0.41%	0.058%
82	13.560	1904	1912	1918	rBV	715811	1131380	57.58%	8.262%
83	13.853	1954	1960	1968	rVB	651439	1100792	56.02%	8.038%
84	14.377	2037	2046	2063	rVB2	616967	1964937	100.00%	14.349%
85	14.895	2122	2131	2144	rVB2	30497	120746	6.15%	0.882%
86	15.170	2174	2176	2179	rVB4	1126	965	0.05%	0.007%
87	15.414	2213	2216	2217	rVV4	3248	2903	0.15%	0.021%
88	15.444	2218	2221	2227	rVV3	8304	13199	0.67%	0.096%
89	15.493	2227	2229	2235	rVB4	2625	3927	0.20%	0.029%
90	15.639	2250	2253	2255	rBV4	1185	1576	0.08%	0.012%
91	15.810	2276	2281	2284	rBV7	2183	4235	0.22%	0.031%
92	15.914	2291	2298	2300	rBV8	4646	9295	0.47%	0.068%
93	16.109	2328	2330	2333	rBV5	1039	1412	0.07%	0.010%
94	16.224	2347	2349	2352	rVB4	947	1011	0.05%	0.007%
95	16.261	2352	2355	2358	rBV4	1527	1618	0.08%	0.012%
96	16.322	2363	2365	2367	rVV2	1506	1138	0.06%	0.008%
97	16.401	2376	2378	2379	rBV2	915	706	0.04%	0.005%
98	16.663	2418	2421	2423	rVB4	1441	1396	0.07%	0.010%
99	16.724	2428	2431	2432	rBV2	1088	1075	0.05%	0.008%
100	16.773	2433	2439	2440	rBV3	3681	6116	0.31%	0.045%

Sum of corrected areas: 13694023

LSC Report - Integrated Chromatogram

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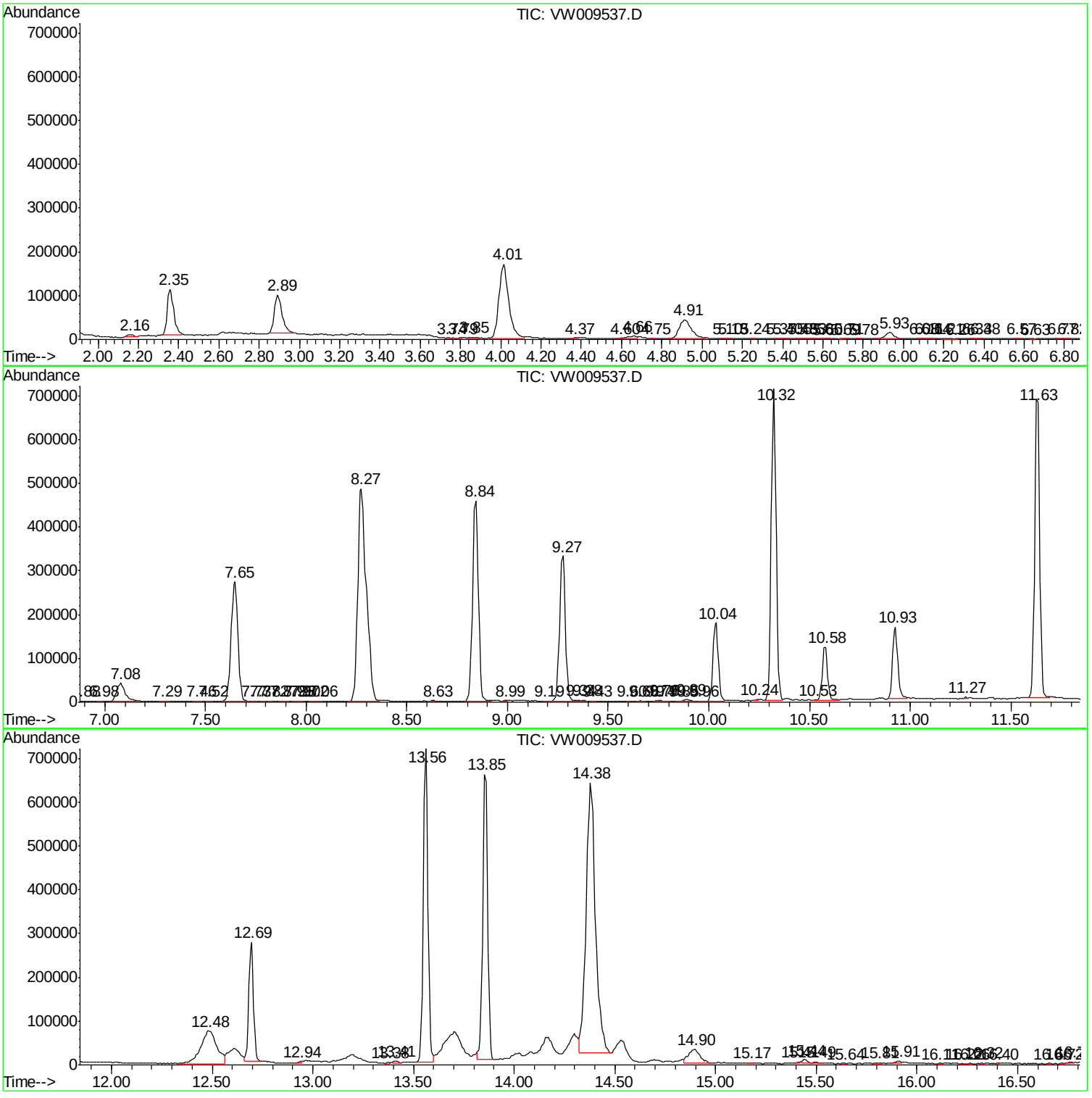
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF7W7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.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_W\DATA\VW032819\
Data File : VW009537.D
Acq On : 28 Mar 2019 14:46
Operator : SY/VA
Sample : K2084-05
Misc : 3.70G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF7W7

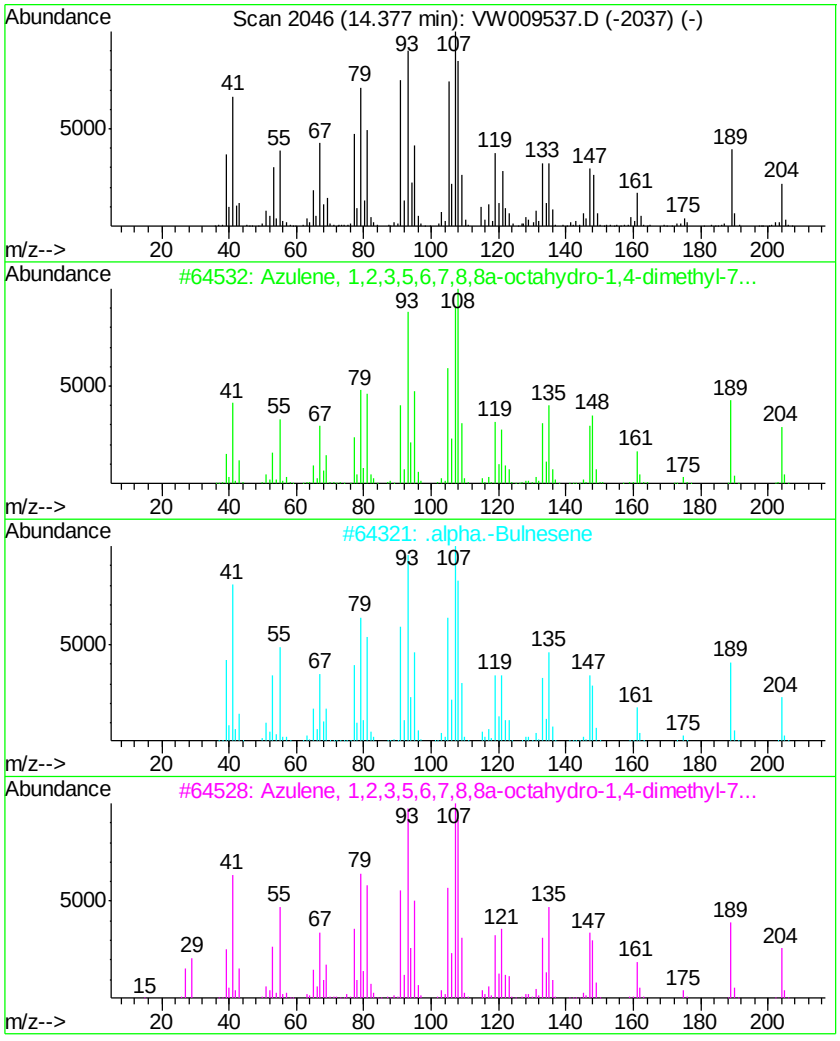
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

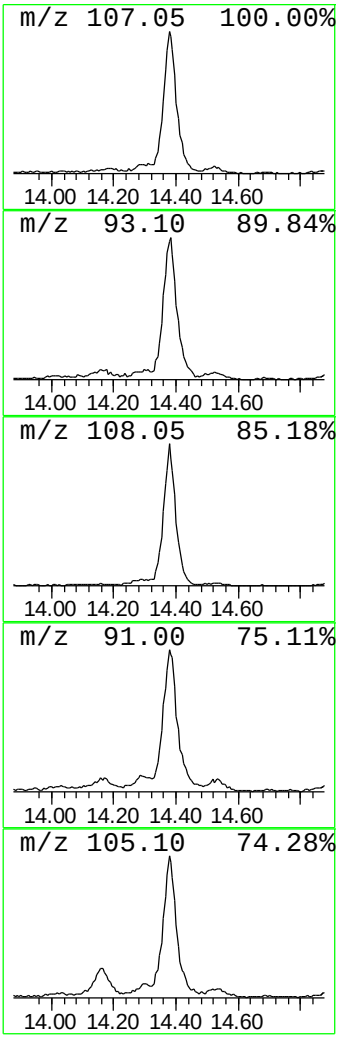
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Azulene, 1,2,3,5,6,7,8,8a-o... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	43.42 ug/L	1964940	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	99
2	.alpha.-Bulnesene	204	C15H24	1000374-19-9	99
3	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	99
4	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	99
5	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	97





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

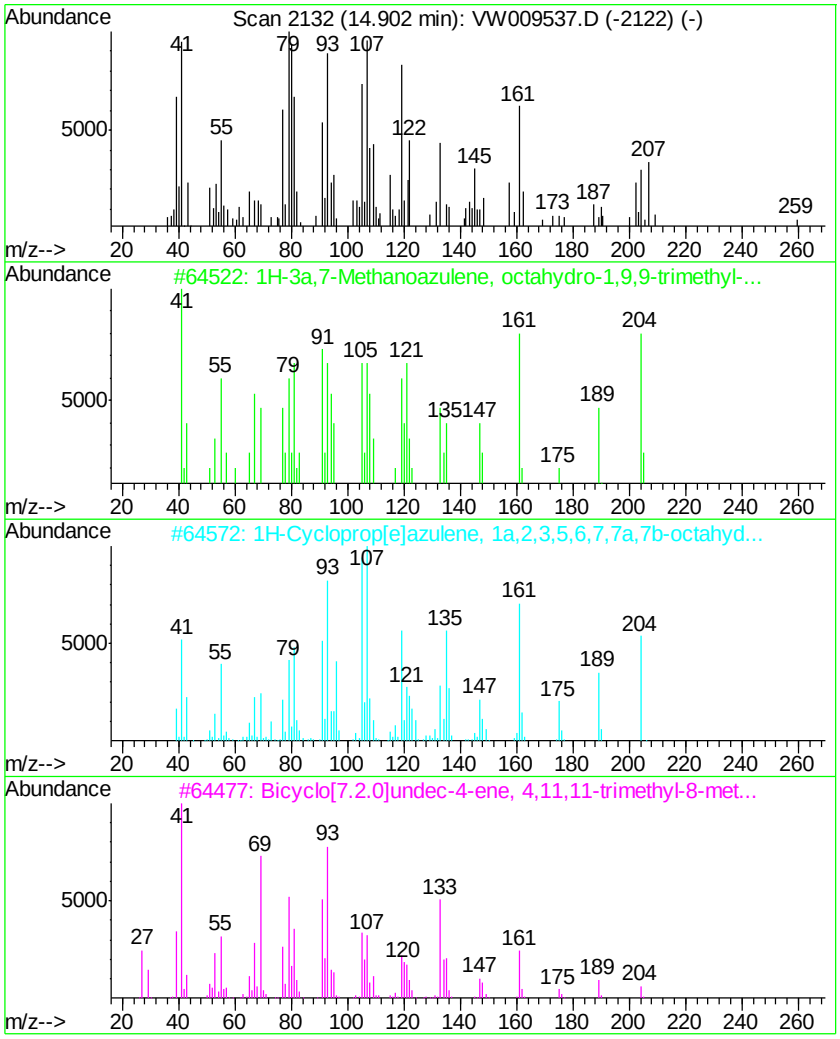
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

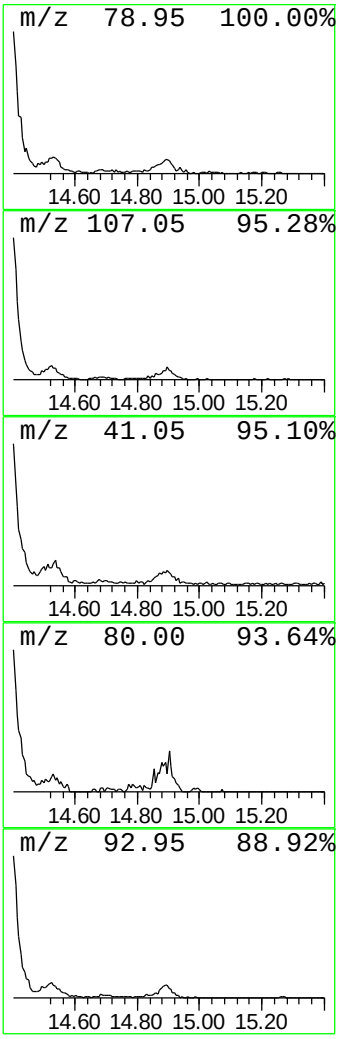
****

Peak Number 3 1H-3a,7-Methanoazulene, oct... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.67 ug/L	120746	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	92
2	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	89
3	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	50
4	1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	003853-83-6	49
5	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	46





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
Azulene, 1,2,3,5,...	14.38	43.4	ug/L	1964940	3	13.56	1131380	25.0
1H-3a,7-Methanoaz...	14.90	2.7	ug/L	120746	3	13.56	1131380	25.0