LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020620\
Data File : VW014893.D
Acq On : 06 Feb 2020 12:44
Operator : SY/VA
Sample : L1324-18
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT73

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\SOM2WLM020520S.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	2.355	68	74	88	rVB	276181	506179	12.82%	1.706%
2	2.891	155	162	174	rBV	219658	549662	13.92%	1.853%
3	3.391	242	244	248	rVB4	1355	1516	0.04%	0.005%
4	3.672	288	290	297	rBV7	1366	2271	0.06%	0.008%
5	3.861	317	321	323	rBV4	833	1037	0.03%	0.003%
6	4.019	335	347	361	rBV	403077	1288624	32.62%	4.344%
7	4.196	374	376	378	rBV3	1030	1005	0.03%	0.003%
8	4.403	404	410	414	rBV6	1732	3242	0.08%	0.011%
9	4.556	433	435	439	rVB5	754	936	0.02%	0.003%
10	4.708	458	460	464	rVB4	1388	1192	0.03%	0.004%
11	4.739	464	465	468	rBV2	762	918	0.02%	0.003%
12	4.909	480	493	508	rBV3	37569	134463	3.40%	0.453%
13	5.056	514	517	518	rBV3	676	804	0.02%	0.003%
14	5.129	525	529	530	rBV3	1041	1197	0.03%	0.004%
15	5.147	530	532	533	rBV	1372	875	0.02%	0.003%
16	5.556	595	599	601	rBV3	836	1260	0.03%	0.004%
17	5.738	626	629	630	rBV2	1023	806	0.02%	0.003%
18	5.891	651	654	655	rBV	1133	1156	0.03%	0.004%
19	5.940	655	662	671	rVB7	6796	21981	0.56%	0.074%
20	6.226	704	709	713	rVB5	1110	1441	0.04%	0.005%
21	6.915	819	822	825	rBV4	846	956	0.02%	0.003%
22	6.970	829	831	833	rBV2	934	1128	0.03%	0.004%
23	7.074	838	848	854	rBV	91552	260399	6.59%	0.878%
24	7.500	912	918	919	rBV6	977	1851	0.05%	0.006%
25	7.543	921	925	926	rBV4	989	1566	0.04%	0.005%
26	7.647	931	942	956	rVV	683677	1657047	41.95%	5.586%
27	7.756	958	960	963	rVV3	933	1135	0.03%	0.004%
28	7.945	985	991	998	rVB7	2470	4725	0.12%	0.016%
29	8.073	1009	1012	1016	rVB3	1922	2335	0.06%	0.008%
30	8.275	1034	1045	1063	rBV2	1387811	3949880	100.00%	13.315%
31	8.476	1075	1078	1082	rVB5	1544	2238	0.06%	0.008%
32	8.610	1098	1100	1101	rBV2	1110	798	0.02%	0.003%
33	8.628	1101	1103	1108	rVB5	1304	1880	0.05%	0.006%
34	8.683	1108	1112	1114	rBV5	1622	2423	0.06%	0.008%

LSC Area Percent Report

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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\SOM2WLM020520S.M
Title : VOC Analysis

35	8.841	1127	1138	1154	rBV	1253333	2452732	62.10%	8.268%
36	9.085	1169	1178	1182	rBV7	6048	14782	0.37%	0.050%
37	9.274	1198	1209	1219	rBV	950485	1951414	49.40%	6.578%
38	9.488	1241	1244	1247	rBV4	963	813	0.02%	0.003%
39	9.585	1258	1260	1261	rVV	1314	858	0.02%	0.003%
40	9.658	1265	1272	1282	rBV3	7439	17996	0.46%	0.061%
41	9.914	1311	1314	1317	rBV5	985	1115	0.03%	0.004%
42	9.945	1317	1319	1323	rVB4	894	832	0.02%	0.003%
43	10.030	1323	1333	1344	rBV	408586	761622	19.28%	2.567%
44	10.116	1345	1347	1349	rBV2	2871	2314	0.06%	0.008%
45	10.213	1358	1363	1367	rVB2	4942	8591	0.22%	0.029%
46	10.323	1372	1381	1387	rVV	1843234	3205928	81.17%	10.807%
47	10.384	1387	1391	1402	rVB	72252	134802	3.41%	0.454%
48	10.573	1415	1422	1431	rBV	255951	454775	11.51%	1.533%
49	10.701	1437	1443	1450	rVB	38297	67308	1.70%	0.227%
50	10.853	1461	1468	1473	rBV9	8194	18601	0.47%	0.063%
51	10.920	1473	1479	1497	rVV	351464	628099	15.90%	2.117%
52	11.061	1497	1502	1510	rVV	66573	111128	2.81%	0.375%
53	11.140	1513	1515	1518	rBV4	1125	1290	0.03%	0.004%
54	11.164	1518	1519	1523	rBV3	2389	3091	0.08%	0.010%
55	11.250	1531	1533	1536	rVB4	1222	1224	0.03%	0.004%
56	11.432	1553	1563	1573	rBV	14576	29639	0.75%	0.100%
57	11.542	1579	1581	1585	rVB4	1530	1588	0.04%	0.005%
58	11.628	1585	1595	1605	rBV	1698681	2821612	71.44%	9.511%
59	11.731	1606	1612	1623	rVV	99900	174304	4.41%	0.588%
60	11.835	1623	1629	1642	rVB2	34193	78761	1.99%	0.265%
61	12.036	1658	1662	1663	rBV4	889	1179	0.03%	0.004%
62	12.170	1677	1684	1697	rVV4	54687	117563	2.98%	0.396%
63	12.335	1708	1711	1712	rBV3	2008	2068	0.05%	0.007%
64	12.371	1715	1717	1719	rVV3	1110	941	0.02%	0.003%
65	12.463	1728	1732	1736	rBV7	4730	10075	0.26%	0.034%
66	12.603	1749	1755	1762	rVB	58013	102302	2.59%	0.345%
67	12.688	1762	1769	1778	rBV	536242	888553	22.50%	2.995%
68	12.896	1792	1803	1805	rBV2	20019	39048	0.99%	0.132%
69	12.932	1805	1809	1815	rVB2	42007	77760	1.97%	0.262%
70	13.036	1822	1826	1828	rBV4	2225	2346	0.06%	0.008%
71	13.109	1834	1838	1844	rVB5	9555	21625	0.55%	0.073%

LSC Area Percent Report

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Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT73

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\SOM2WLM020520S.M
Title : VOC Analysis

72	13.158	1844	1846	1847	rBV2	938	932	0.02%	0.003%
73	13.249	1854	1861	1865	rBV2	45419	79831	2.02%	0.269%
74	13.298	1865	1869	1874	rVV2	72065	111289	2.82%	0.375%
75	13.347	1874	1877	1884	rVB2	12784	20179	0.51%	0.068%
76	13.408	1884	1887	1890	rVB5	3082	4254	0.11%	0.014%
77	13.469	1891	1897	1905	rBV6	21527	46212	1.17%	0.156%
78	13.554	1905	1911	1920	rBV	1350626	2196719	55.61%	7.405%
79	13.755	1939	1944	1949	rBV	26528	44415	1.12%	0.150%
80	13.853	1953	1960	1967	rVV	1250335	2077856	52.61%	7.004%
81	13.938	1968	1974	1983	rVB	427479	687511	17.41%	2.318%
82	14.072	1991	1996	2003	rVB2	32699	61022	1.54%	0.206%
83	14.200	2013	2017	2018	rBV4	5032	6121	0.15%	0.021%
84	14.231	2018	2022	2028	rVB3	17138	25963	0.66%	0.088%
85	14.292	2028	2032	2033	rBV4	4035	6122	0.15%	0.021%
86	14.328	2035	2038	2041	rVV3	7043	9396	0.24%	0.032%
87	14.456	2056	2059	2064	rBV6	7394	13775	0.35%	0.046%
88	14.554	2073	2075	2081	rVB5	10336	15070	0.38%	0.051%
89	14.694	2092	2098	2099	rBV6	4519	8224	0.21%	0.028%
90	14.725	2099	2103	2108	rVB7	9088	13876	0.35%	0.047%
91	14.792	2110	2114	2120	rVV6	8681	17902	0.45%	0.060%
92	14.871	2122	2127	2133	rVB3	27889	45589	1.15%	0.154%
93	14.956	2135	2141	2149	rVB	35949	67637	1.71%	0.228%
94	15.054	2153	2157	2161	rBV6	5539	10149	0.26%	0.034%
95	15.310	2196	2199	2200	rBV3	3464	3239	0.08%	0.011%
96	15.365	2201	2208	2215	rVV	583768	1034874	26.20%	3.488%
97	15.438	2216	2220	2235	rVB3	28901	69677	1.76%	0.235%
98	16.377	2370	2374	2379	rBV7	6475	12667	0.32%	0.043%
99	16.444	2379	2385	2390	rBV	48771	103168	2.61%	0.348%
100	16.645	2410	2418	2428	rBV	108571	254640	6.45%	0.858%

Sum of corrected areas: 29665914

LSC Report - Integrated Chromatogram

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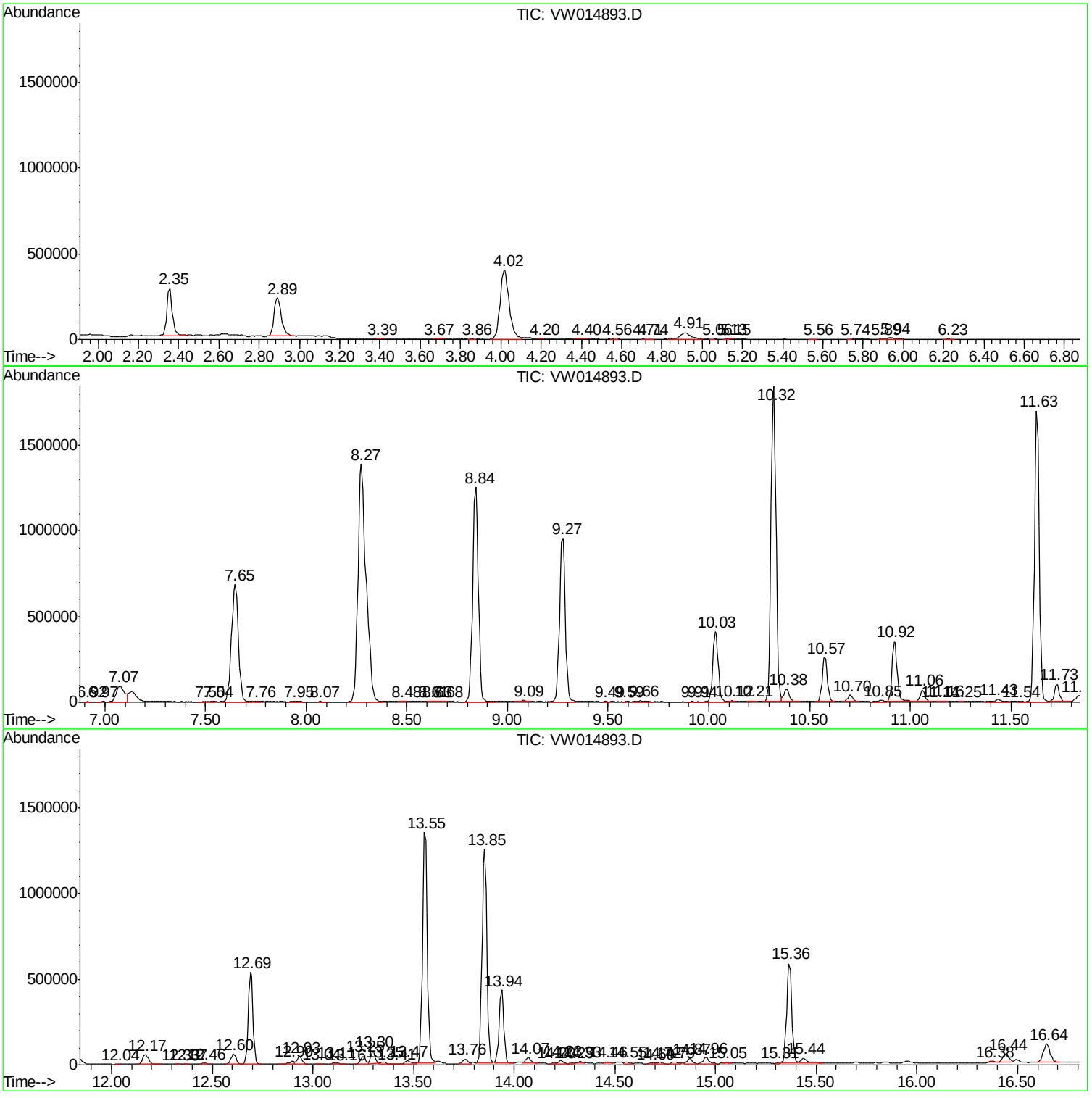
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT73

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

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ClientSampleId : GAT73

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Quant Title : VOC Analysis

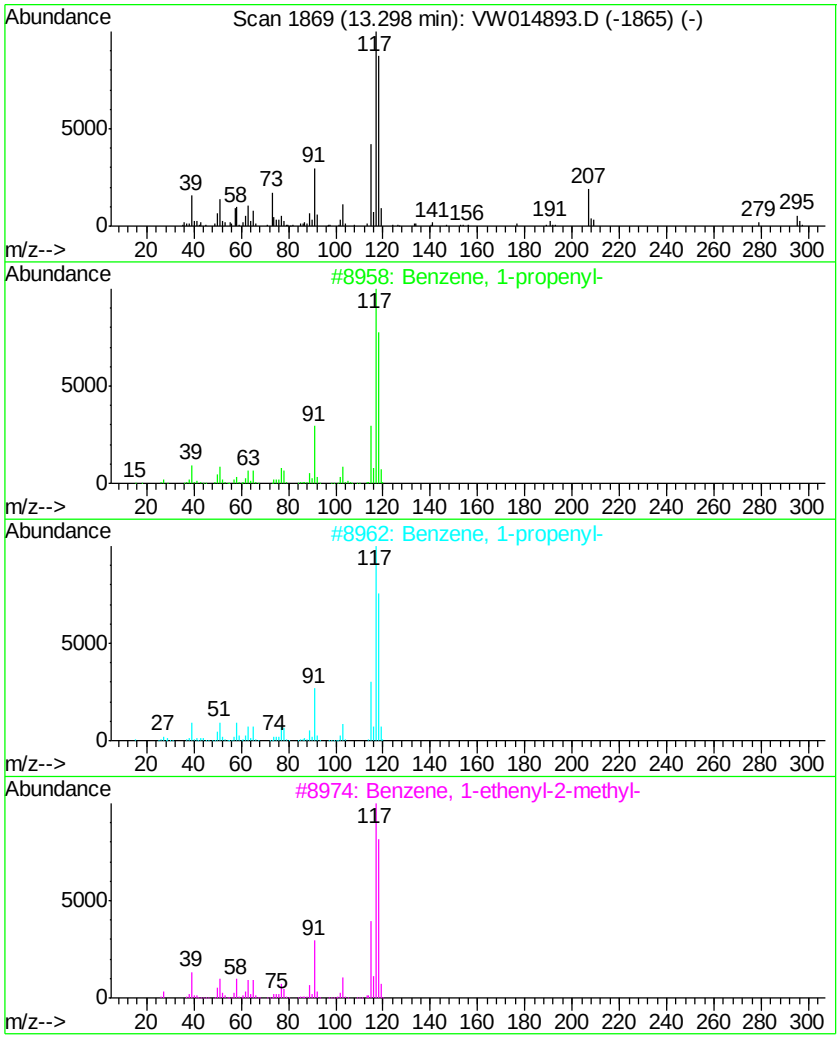
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

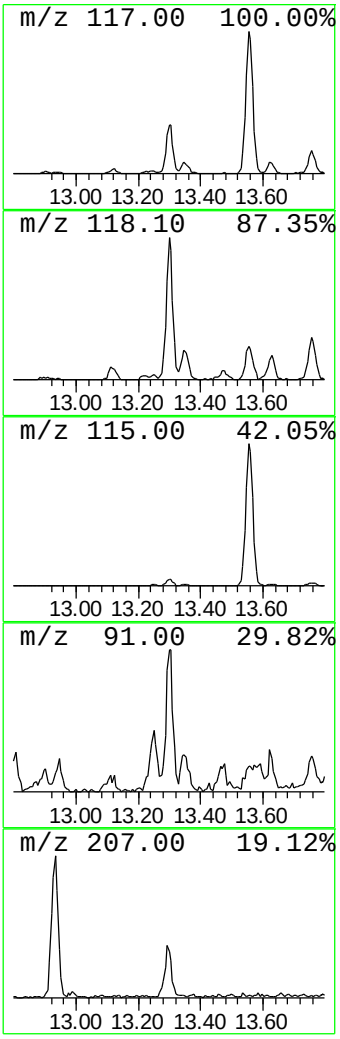
****

Peak Number 2 Benzene, 1-propenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	1.27 ug/L	111289	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	83
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64





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Instrument : MSVOA_W
ClientSampleId : GAT73

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

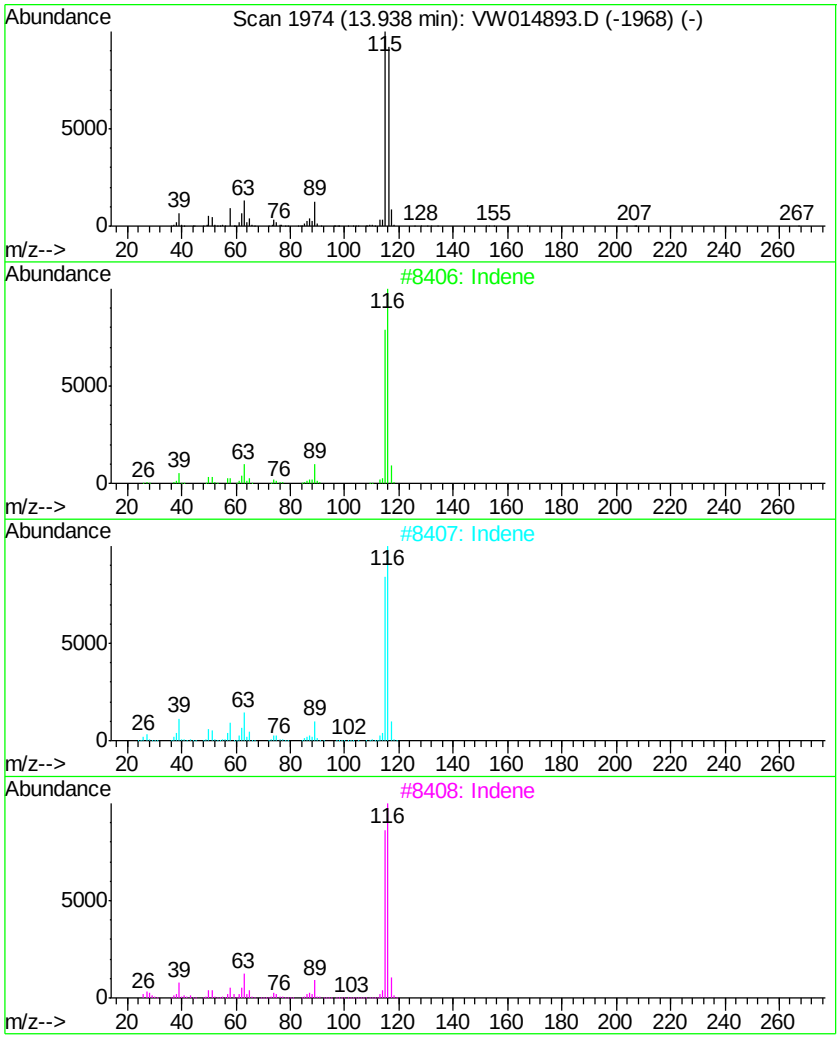
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

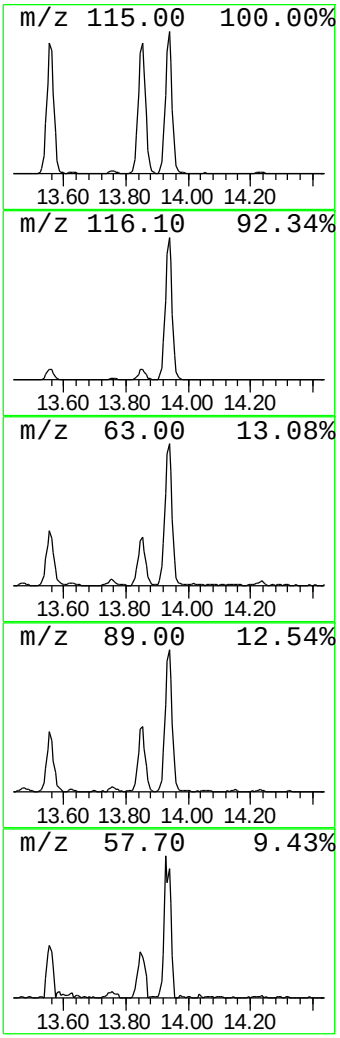
****

Peak Number 3 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	7.82 ug/L	687511	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	96
3	Indene	116	C9H8	000095-13-6	95
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Library Search Compound Report

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

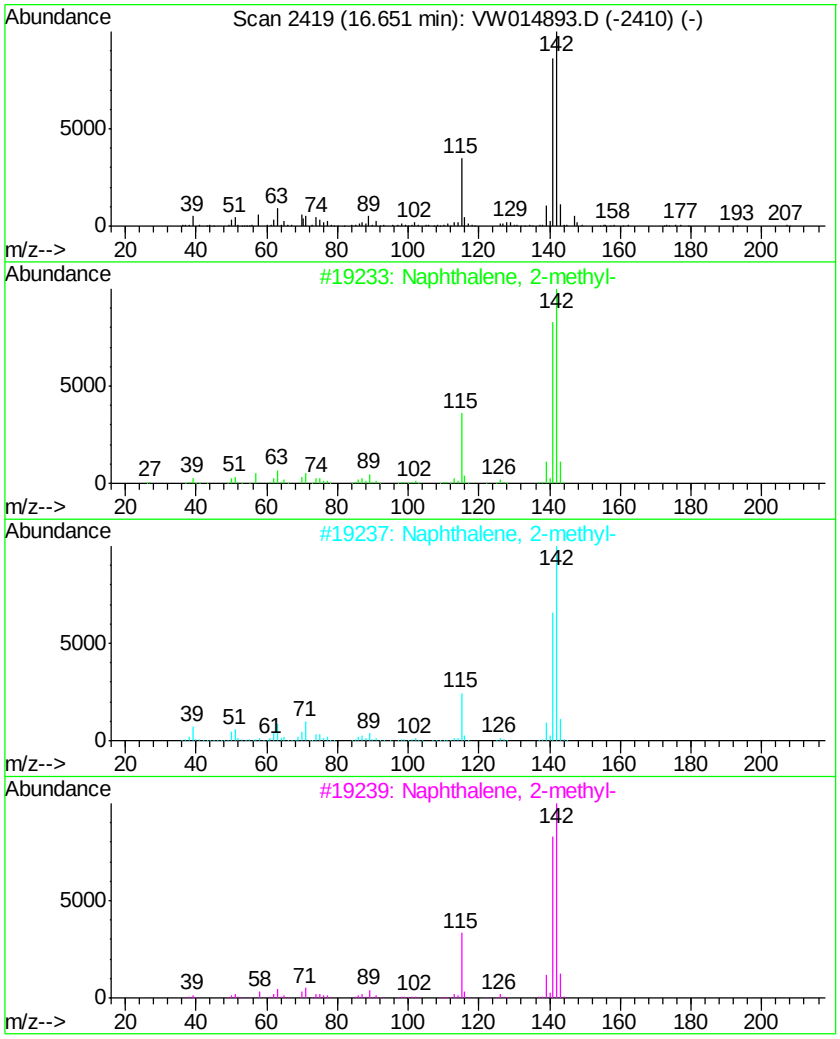
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

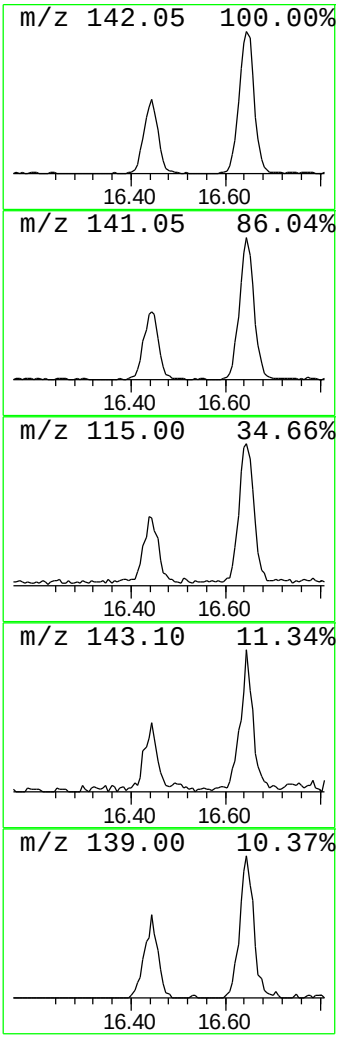
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	2.90 ug/L	254640	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020620\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
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
Benzene, 1-propenyl-	13.30	1.3	ug/L	111289	3	13.56	2196720	25.0
Indene	13.94	7.8	ug/L	687511	3	13.56	2196720	25.0
Naphthalene, 1-me...	16.65	2.9	ug/L	254640	3	13.56	2196720	25.0