LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW041919\
Data File : VW010070.D
Acq On : 19 Apr 2019 17:40
Operator : SY/VA
Sample : K2455-19
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHR9

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\SOM2WLM041519S.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	87	rBV	91445	222902	8.48%	0.951%
2	2.885	155	161	174	rVB	81690	221202	8.42%	0.944%
3	3.849	313	319	320	rBV4	3026	5264	0.20%	0.022%
4	4.007	334	345	362	rBV	239193	810510	30.85%	3.458%
5	4.208	376	378	379	rVB2	1673	1015	0.04%	0.004%
6	4.227	379	381	384	rBV3	821	1060	0.04%	0.005%
7	4.288	390	391	393	rBV	1283	748	0.03%	0.003%
8	4.391	400	408	416	rBV4	7899	22550	0.86%	0.096%
9	4.531	428	431	432	rBV2	1111	1012	0.04%	0.004%
10	4.562	434	436	439	rVV3	985	1261	0.05%	0.005%
11	4.586	439	440	444	rVV4	864	863	0.03%	0.004%
12	4.666	451	453	455	rVB3	1340	1144	0.04%	0.005%
13	4.830	479	480	482	rVV2	1095	1079	0.04%	0.005%
14	4.909	482	493	514	rVV3	66289	283378	10.79%	1.209%
15	5.111	524	526	528	rVB3	971	857	0.03%	0.004%
16	5.172	534	536	537	rVV2	1009	773	0.03%	0.003%
17	5.208	540	542	546	rBV5	780	814	0.03%	0.003%
18	5.312	557	559	560	rBV2	1004	826	0.03%	0.004%
19	5.373	567	569	571	rBV2	892	1032	0.04%	0.004%
20	5.403	571	574	577	rVV4	1634	2345	0.09%	0.010%
21	5.446	580	581	585	rVB3	1145	1265	0.05%	0.005%
22	5.556	595	599	602	rVB3	734	792	0.03%	0.003%
23	5.604	605	607	610	rVB2	809	956	0.04%	0.004%
24	5.714	623	625	629	rVB2	917	919	0.03%	0.004%
25	5.830	641	644	648	rBV3	667	1354	0.05%	0.006%
26	5.921	650	659	670	rVB5	16753	51080	1.94%	0.218%
27	6.031	676	677	681	rBV4	900	1239	0.05%	0.005%
28	6.074	681	684	685	rVV2	801	982	0.04%	0.004%
29	6.117	688	691	692	rVV3	865	841	0.03%	0.004%
30	6.184	698	702	706	rVB2	1221	2008	0.08%	0.009%
31	6.245	706	712	713	rBV3	1249	2067	0.08%	0.009%
32	6.373	730	733	735	rBV3	1119	1103	0.04%	0.005%
33	6.403	735	738	740	rVV2	664	850	0.03%	0.004%
34	6.775	795	799	800	rBV4	773	927	0.04%	0.004%

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Integrator: RTE
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Title : VOC Analysis

35	6.824	804	807	808	rBV	950	855	0.03%	0.004%
36	7.074	839	848	858	rBV	85480	239764	9.13%	1.023%
37	7.250	869	877	887	rBV2	40359	101101	3.85%	0.431%
38	7.519	918	921	923	rBV3	1356	1480	0.06%	0.006%
39	7.641	929	941	953	rBV	481549	1130940	43.05%	4.825%
40	7.763	958	961	963	rBV3	795	1005	0.04%	0.004%
41	7.872	976	979	980	rBV2	1244	1117	0.04%	0.005%
42	7.945	988	991	993	rVV4	1052	1297	0.05%	0.006%
43	8.037	1005	1006	1012	rBV4	729	991	0.04%	0.004%
44	8.147	1021	1024	1026	rBV3	1054	1345	0.05%	0.006%
45	8.269	1033	1044	1061	rBV2	861923	2627102	100.00%	11.208%
46	8.476	1076	1078	1080	rVV3	1099	1047	0.04%	0.004%
47	8.549	1089	1090	1094	rVB2	902	1030	0.04%	0.004%
48	8.616	1098	1101	1107	rBV4	1103	2399	0.09%	0.010%
49	8.677	1107	1111	1114	rBV3	1453	2827	0.11%	0.012%
50	8.744	1120	1122	1125	rVB2	948	1049	0.04%	0.004%
51	8.781	1125	1128	1129	rBV2	1111	849	0.03%	0.004%
52	8.842	1129	1138	1147	rBV	867247	1719859	65.47%	7.338%
53	9.031	1167	1169	1170	rBV	1459	1124	0.04%	0.005%
54	9.079	1170	1177	1183	rVB6	7582	16835	0.64%	0.072%
55	9.268	1194	1208	1219	rBV	631337	1299322	49.46%	5.544%
56	9.476	1240	1242	1244	rVB3	1176	870	0.03%	0.004%
57	9.598	1258	1262	1263	rBV	1222	1012	0.04%	0.004%
58	9.659	1267	1272	1277	rVV6	3718	5285	0.20%	0.023%
59	9.756	1283	1288	1294	rVB6	5453	11013	0.42%	0.047%
60	9.884	1304	1309	1323	rVB5	11797	27885	1.06%	0.119%
61	10.030	1326	1333	1343	rBV	343366	619990	23.60%	2.645%
62	10.171	1355	1356	1359	rVB3	1787	1227	0.05%	0.005%
63	10.201	1359	1361	1363	rBV	1651	1754	0.07%	0.007%
64	10.244	1363	1368	1373	rVV3	7062	13946	0.53%	0.060%
65	10.323	1373	1381	1388	rVV	1229727	2144664	81.64%	9.150%
66	10.384	1388	1391	1399	rVB2	25642	45222	1.72%	0.193%
67	10.500	1408	1410	1413	rVB4	2638	2729	0.10%	0.012%
68	10.573	1415	1422	1430	rBV	225245	393138	14.96%	1.677%
69	10.701	1437	1443	1448	rVV2	10481	19556	0.74%	0.083%
70	10.768	1451	1454	1459	rVB6	3137	5236	0.20%	0.022%
71	10.841	1464	1466	1467	rBV2	2135	1362	0.05%	0.006%

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
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Title : VOC Analysis

72	10.927	1473	1480	1488	rBV	354529	604443	23.01%	2.579%
73	11.067	1499	1503	1512	rVB7	10332	19409	0.74%	0.083%
74	11.292	1538	1540	1543	rVB3	1817	1523	0.06%	0.006%
75	11.396	1555	1557	1565	rBV8	2764	3968	0.15%	0.017%
76	11.628	1587	1595	1604	rBV	1269418	2179222	82.95%	9.298%
77	11.835	1624	1629	1641	rVB	31706	65457	2.49%	0.279%
78	12.122	1675	1676	1677	rBV	1909	1276	0.05%	0.005%
79	12.176	1678	1685	1691	rVV4	32487	74146	2.82%	0.316%
80	12.225	1691	1693	1694	rVV2	2385	1697	0.06%	0.007%
81	12.243	1694	1696	1702	rVB6	4839	7778	0.30%	0.033%
82	12.609	1752	1756	1761	rVB2	15686	24784	0.94%	0.106%
83	12.695	1763	1770	1777	rBV	486426	776069	29.54%	3.311%
84	12.780	1780	1784	1788	rBV7	11592	25488	0.97%	0.109%
85	13.164	1844	1847	1850	rBV4	10355	14507	0.55%	0.062%
86	13.256	1857	1862	1866	rBV2	35121	70979	2.70%	0.303%
87	13.304	1866	1870	1875	rVV3	47532	80876	3.08%	0.345%
88	13.353	1875	1878	1881	rVB3	15785	22167	0.84%	0.095%
89	13.560	1906	1912	1920	rBV	1345555	2113928	80.47%	9.019%
90	13.853	1954	1960	1968	rBV	1146908	1958924	74.57%	8.358%
91	13.938	1970	1974	1983	rVB	143825	256389	9.76%	1.094%
92	14.207	2015	2018	2021	rBV5	10699	18307	0.70%	0.078%
93	14.499	2064	2066	2070	rBV5	17562	22573	0.86%	0.096%
94	14.798	2111	2115	2120	rBV4	74737	147259	5.61%	0.628%
95	14.847	2120	2123	2126	rBV2	41762	65770	2.50%	0.281%
96	14.956	2138	2141	2148	rVB3	58055	100745	3.83%	0.430%
97	15.371	2198	2209	2216	rBV	627921	1265031	48.15%	5.397%
98	16.298	2357	2361	2366	rVB4	49356	84849	3.23%	0.362%
99	16.450	2380	2386	2399	rVB	374010	847346	32.25%	3.615%
100	16.651	2412	2419	2431	rVB	181206	488374	18.59%	2.084%

Sum of corrected areas: 23438529

LSC Report - Integrated Chromatogram

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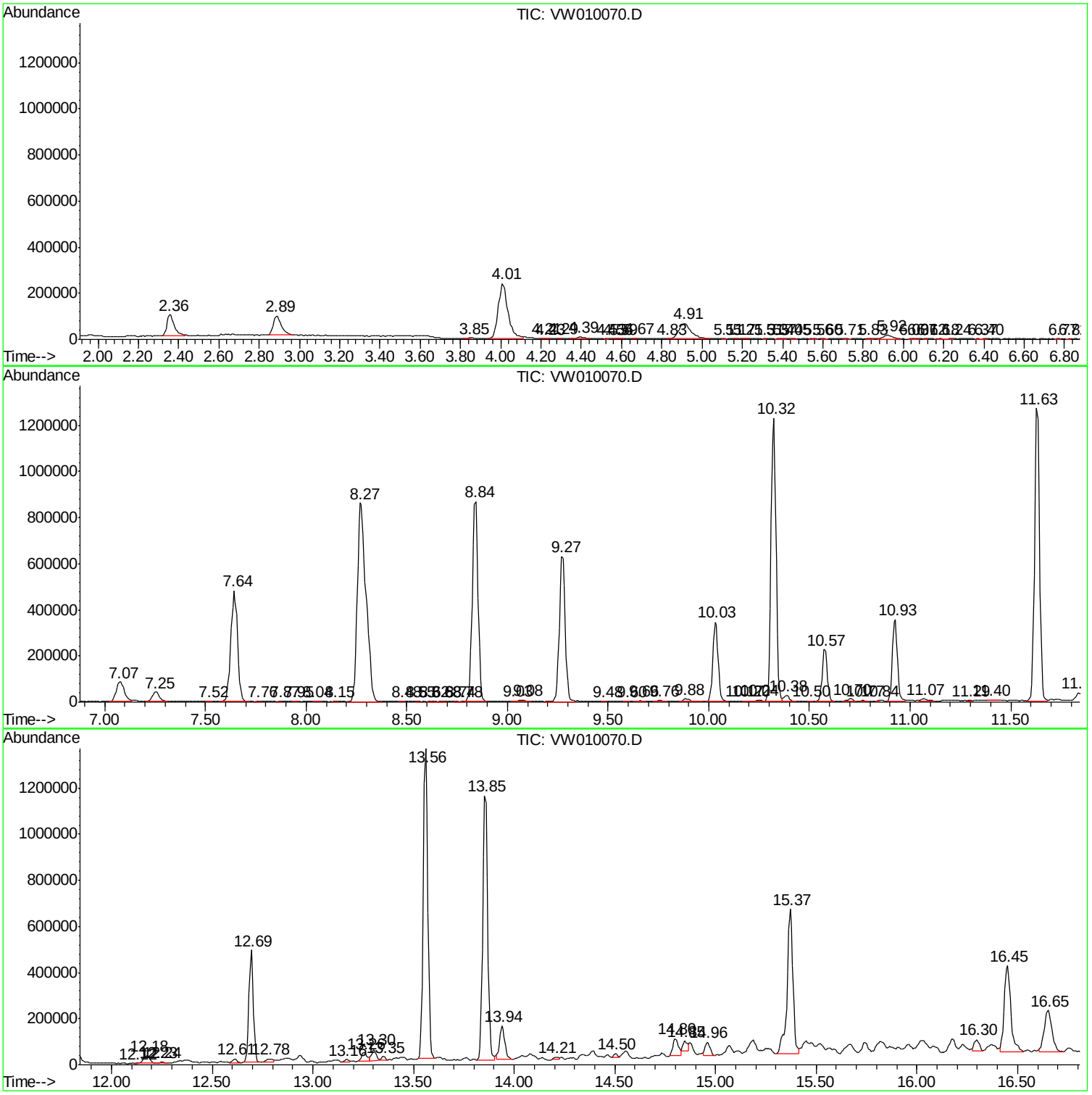
Instrument : MSVOA_W
ClientSampleId : GAHR9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

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Quant Title : VOC Analysis

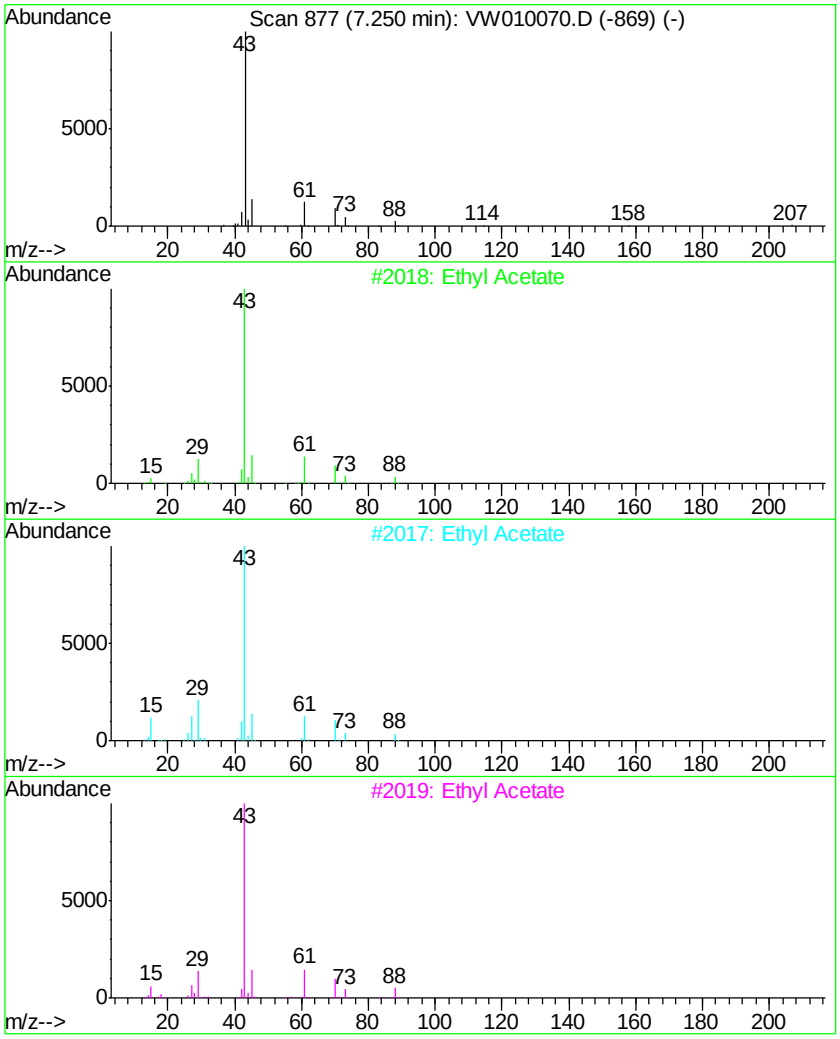
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

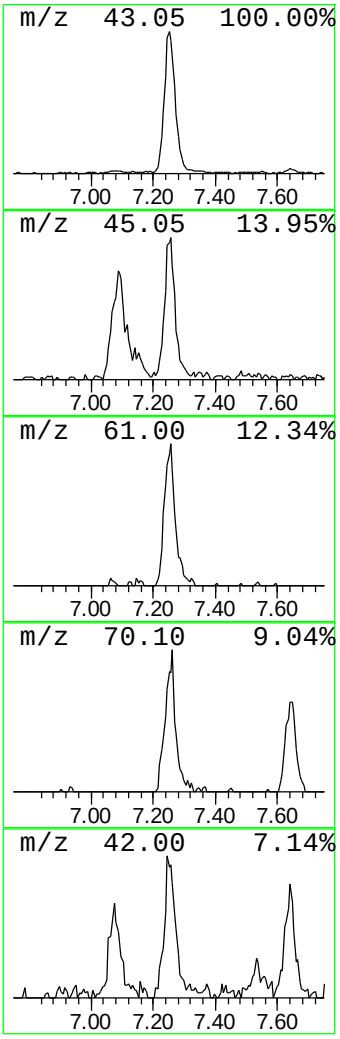
****

Peak Number 1 Ethyl Acetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	1.47 ug/L	101101	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	86
2	Ethyl Acetate	88	C4H8O2	000141-78-6	86
3	Ethyl Acetate	88	C4H8O2	000141-78-6	56
4	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	9
5	Ethyl Acetate	88	C4H8O2	000141-78-6	9





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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
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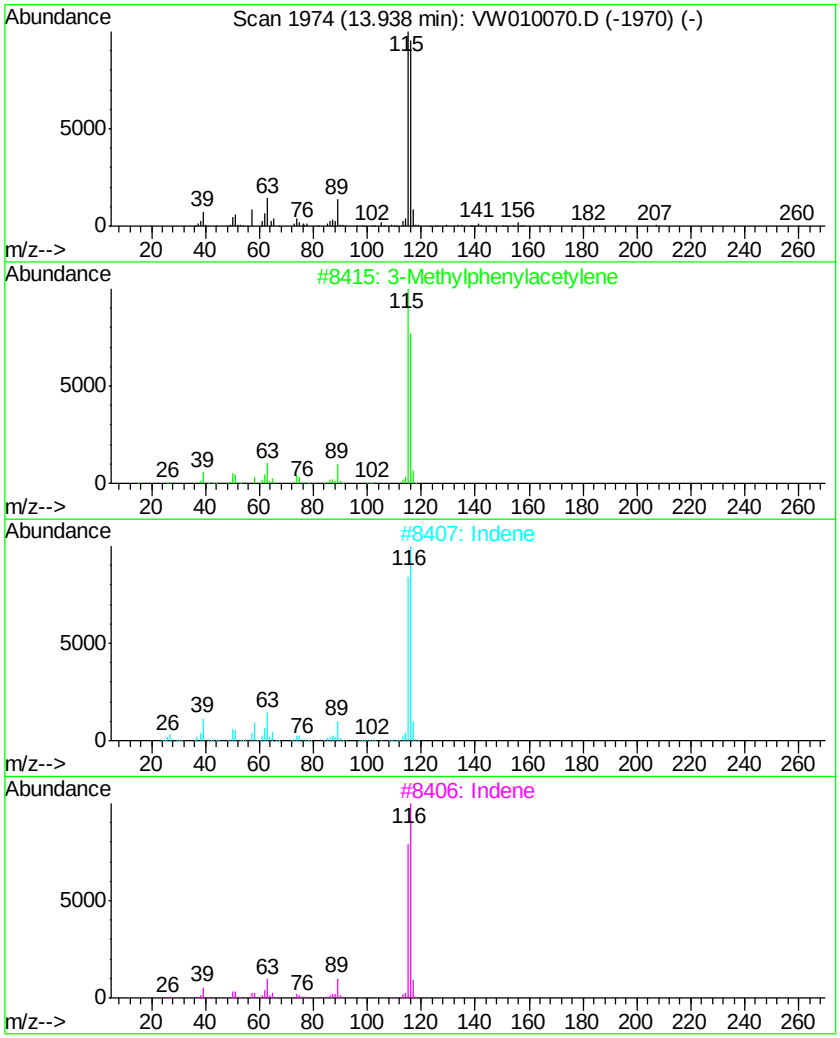
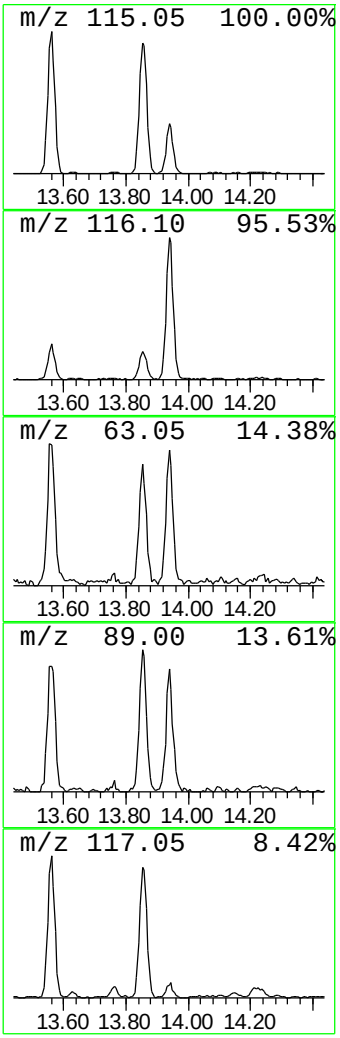
****

Peak Number 3 3-Methylphenylacetylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	3.03 ug/L	256389	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
2	Indene	116	C9H8	000095-13-6	94
3	Indene	116	C9H8	000095-13-6	94
4	Indene	116	C9H8	000095-13-6	94
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

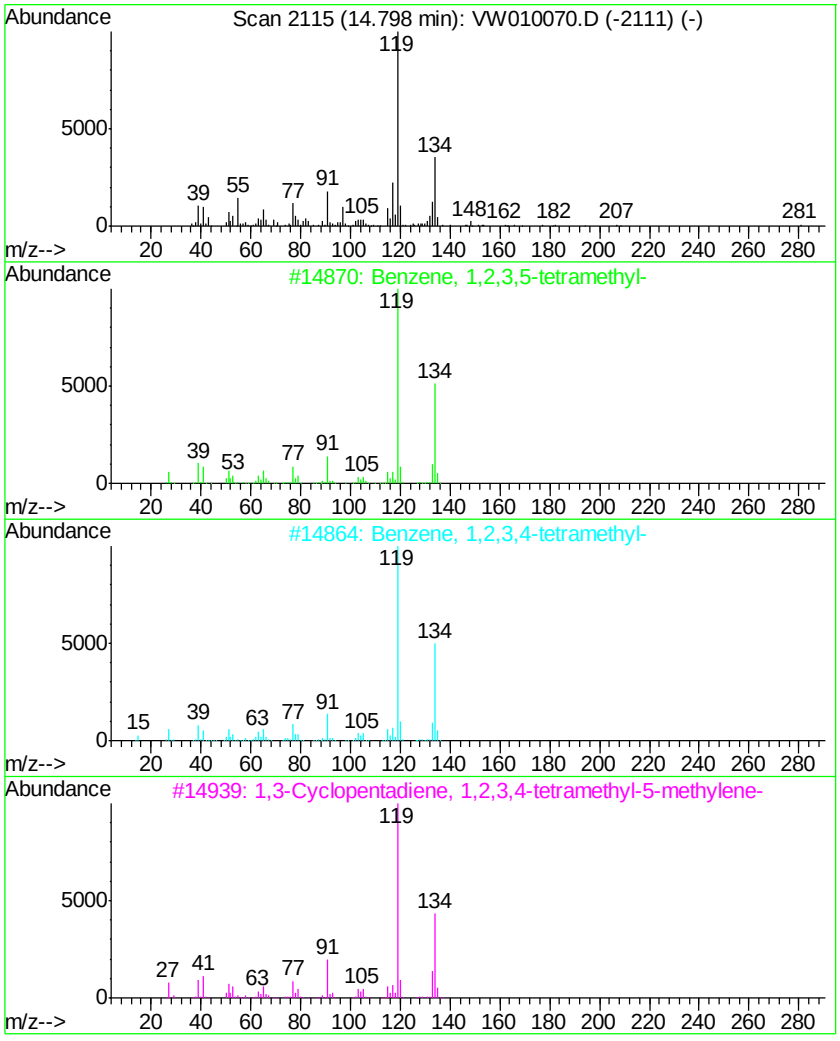
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

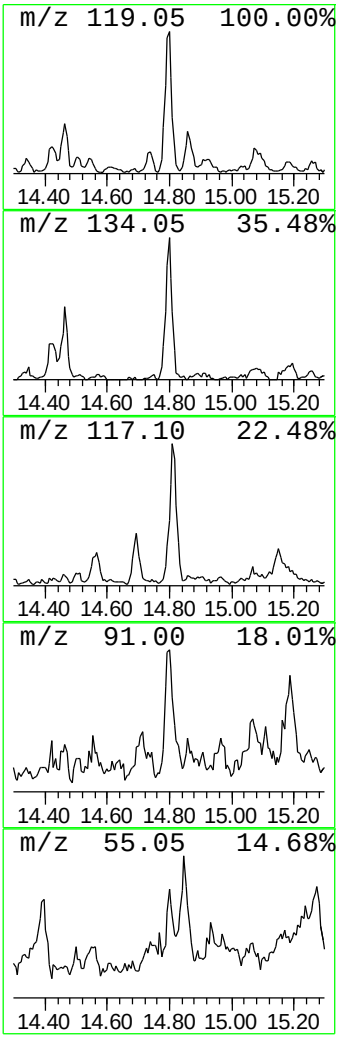
****

Peak Number 4 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	1.74 ug/L	147259	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81





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Instrument : MSVOA_W
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

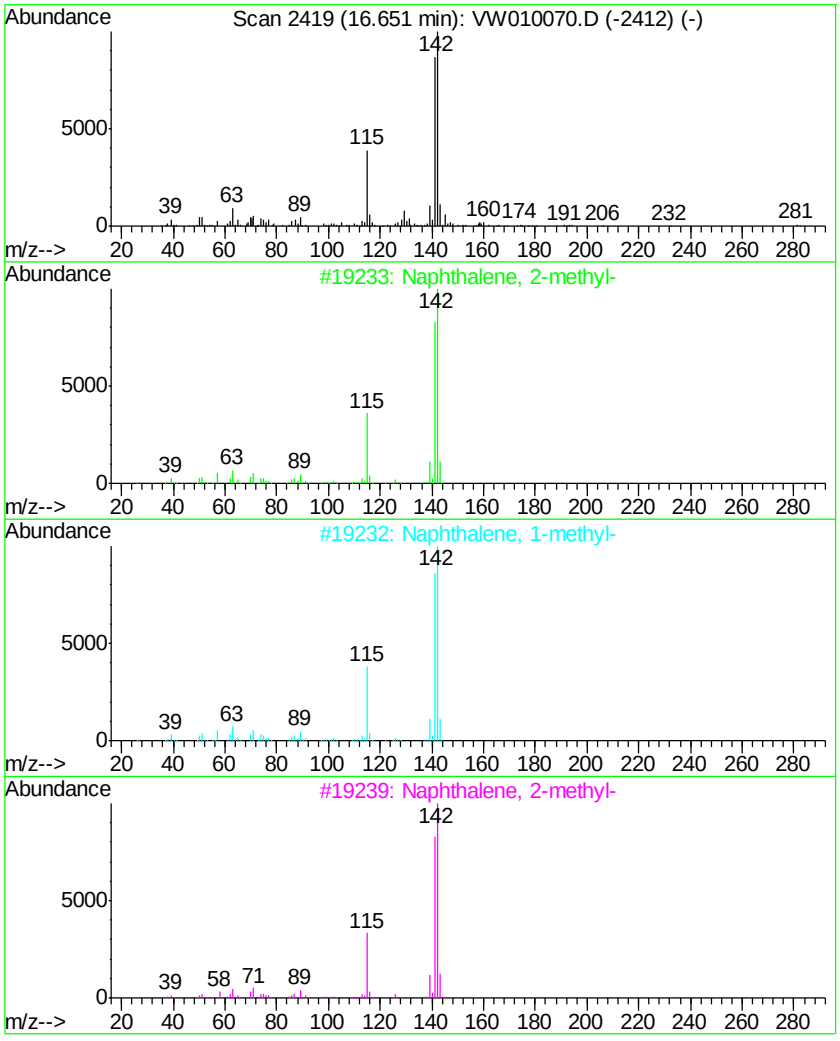
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

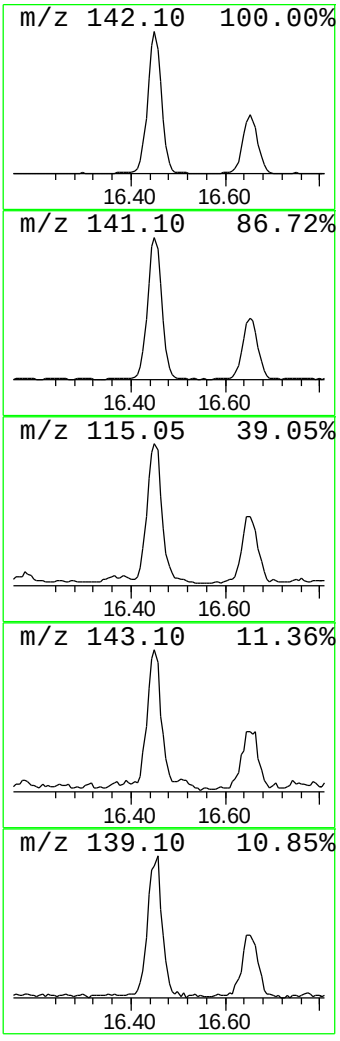
****

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	5.78 ug/L	488374	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90





Tentatively Identified Compound (LSC) summary

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Instrument : MSVOA_W
ClientSampleId : GAHR9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.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
Ethyl Acetate	7.25	1.5	ug/L	101101	1	8.84	1719860	25.0
3-Methylphenylace...	13.94	3.0	ug/L	256389	3	13.56	2113930	25.0
Benzene, 1,2,3,5-...	14.80	1.7	ug/L	147259	3	13.56	2113930	25.0
Naphthalene, 1-me...	16.65	5.8	ug/L	488374	3	13.56	2113930	25.0