LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015873.D
Acq On : 23 Apr 2020 04:43
Operator : JC/SP
Sample : L2380-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW079-200421

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_X\METHOD\82X042220W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.064	24	29	58	rBV2	18527098	58300308	64.76%	5.786%
2	2.826	301	318	322	rBV	675711	1629447	1.81%	0.162%
3	2.875	322	326	330	rVV	989858	1998776	2.22%	0.198%
4	3.155	362	372	386	rBV3	1796239	4499494	5.00%	0.447%
5	3.795	469	477	487	rBV	399023	948548	1.05%	0.094%
6	4.283	547	557	564	rBV	599167	1751368	1.95%	0.174%
7	4.380	564	573	585	rVV	2139204	6204494	6.89%	0.616%
8	5.277	715	720	732	rVB2	361096	1062976	1.18%	0.106%
9	5.472	739	752	758	rBV	607499	1800525	2.00%	0.179%
10	5.563	758	767	774	rBV4	1393634	5219849	5.80%	0.518%
11	5.703	783	790	808	rVB2	2622572	8525293	9.47%	0.846%
12	5.904	811	823	836	rBV2	1613896	4915157	5.46%	0.488%
13	6.039	836	845	850	rVV	550506	1441890	1.60%	0.143%
14	6.118	850	858	869	rVV	5939783	15680815	17.42%	1.556%
15	6.240	869	878	883	rVV	1445379	4674163	5.19%	0.464%
16	6.325	884	892	902	rVV	5556974	17699336	19.66%	1.757%
17	6.435	902	910	922	rVB2	1096811	3110396	3.45%	0.309%
18	6.679	936	950	962	rVB2	481385	1293404	1.44%	0.128%
19	6.837	966	976	980	rBV	1496551	3732195	4.15%	0.370%
20	6.917	986	989	1001	rVB4	1379015	3344337	3.71%	0.332%
21	7.234	1033	1041	1049	rBV	1290071	2899733	3.22%	0.288%
22	7.441	1062	1075	1086	rBV4	3763329	10529226	11.70%	1.045%
23	7.557	1086	1094	1099	rBV2	756036	1516738	1.68%	0.151%
24	7.618	1099	1104	1110	rBV	994841	1928999	2.14%	0.191%
25	7.715	1115	1120	1130	rVB	851664	1656093	1.84%	0.164%
26	7.831	1132	1139	1146	rVB3	598368	1251184	1.39%	0.124%
27	7.941	1146	1157	1163	rBV3	575453	1897203	2.11%	0.188%
28	8.038	1163	1173	1185	rVB	3375284	7378430	8.20%	0.732%
29	8.160	1185	1193	1197	rBV	3371535	7306625	8.12%	0.725%
30	8.239	1202	1206	1215	rVV3	1251784	2610904	2.90%	0.259%
31	8.361	1222	1226	1233	rVB3	829446	1551648	1.72%	0.154%
32	8.483	1242	1246	1250	rBV2	854229	1369661	1.52%	0.136%
33	8.556	1253	1258	1267	rVB4	1695057	3225596	3.58%	0.320%
34	8.654	1267	1274	1277	rBV3	1260699	2489978	2.77%	0.247%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015873.D
Acq On : 23 Apr 2020 04:43
Operator : JC/SP
Sample : L2380-11
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW079-200421

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_X\METHOD\82X042220W.M
Title : SW846 8260

35	8.697	1277	1281	1288	rVB	3125894	5147858	5.72%	0.511%
36	8.867	1305	1309	1318	rVB3	472566	1221177	1.36%	0.121%
37	8.965	1318	1325	1331	rBV3	623954	1181314	1.31%	0.117%
38	9.148	1346	1355	1360	rBV3	924489	1818232	2.02%	0.180%
39	9.209	1360	1365	1370	rBV	2037262	3075417	3.42%	0.305%
40	9.550	1416	1421	1426	rVB3	613843	1301813	1.45%	0.129%
41	10.099	1507	1511	1515	rVB	3180630	4041783	4.49%	0.401%
42	10.239	1528	1534	1540	rVB2	51005846	75718435	84.10%	7.515%
43	10.349	1545	1552	1558	rVB	28171967	36909501	41.00%	3.663%
44	10.684	1601	1607	1622	rVB	21404481	27861491	30.95%	2.765%
45	11.007	1654	1660	1666	rBV	32645070	43741944	48.59%	4.341%
46	11.123	1675	1679	1684	rBV	2845401	3390977	3.77%	0.337%
47	11.349	1706	1716	1722	rBV	33569764	45543736	50.59%	4.520%
48	11.440	1723	1731	1735	rVV	13885129	20273537	22.52%	2.012%
49	11.495	1735	1740	1746	rVB	21451233	26487179	29.42%	2.629%
50	11.653	1761	1766	1775	rVB	23668462	29568199	32.84%	2.935%
51	11.800	1784	1790	1794	rBV2	62280792	87325232	97.00%	8.667%
52	11.910	1802	1808	1809	rBV	2002316	2511546	2.79%	0.249%
53	11.934	1809	1812	1818	rVB	2516876	3172252	3.52%	0.315%
54	12.013	1818	1825	1828	rBV	800592	998497	1.11%	0.099%
55	12.062	1828	1833	1839	rVB2	3970870	5531275	6.14%	0.549%
56	12.129	1839	1844	1849	rBV	23191603	27875770	30.96%	2.767%
57	12.220	1855	1859	1864	rVB	1596528	1916926	2.13%	0.190%
58	12.287	1864	1870	1877	rBV	66364240	90030585	100.00%	8.936%
59	12.355	1877	1881	1888	rVV3	9514839	14420705	16.02%	1.431%
60	12.446	1891	1896	1901	rBV2	2450236	3388302	3.76%	0.336%
61	12.507	1901	1906	1912	rVB2	1927186	2748863	3.05%	0.273%
62	12.574	1912	1917	1919	rBV	5503717	7473032	8.30%	0.742%
63	12.598	1919	1921	1925	rVB	3128405	3111826	3.46%	0.309%
64	12.653	1925	1930	1933	rBV	19585055	23388426	25.98%	2.321%
65	12.684	1933	1935	1940	rVV	6167672	7232989	8.03%	0.718%
66	12.745	1940	1945	1952	rVB2	18505294	25832935	28.69%	2.564%
67	12.891	1963	1969	1973	rVB2	2148496	3036173	3.37%	0.301%
68	12.964	1973	1981	1984	rBV	16624339	20275765	22.52%	2.012%
69	13.001	1984	1987	1993	rVB	8594513	10717540	11.90%	1.064%
70	13.068	1993	1998	2003	rBV3	987617	1919886	2.13%	0.191%
71	13.208	2018	2021	2031	rVB	12582021	16110866	17.89%	1.599%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015873.D
Acq On : 23 Apr 2020 04:43
Operator : JC/SP
Sample : L2380-11
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW079-200421

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_X\METHOD\82X042220W.M
Title : SW846 8260

72	13.300	2031	2036	2037	rVV2	760992	998930	1.11%	0.099%
73	13.336	2037	2042	2047	rVV2	31716537	42035981	46.69%	4.172%
74	13.385	2047	2050	2059	rVV3	3466392	4881560	5.42%	0.484%
75	13.464	2059	2063	2069	rVB	3842258	4711588	5.23%	0.468%
76	13.549	2071	2077	2079	rBV2	1107599	1526613	1.70%	0.152%
77	13.586	2079	2083	2086	rVV	3186190	4386724	4.87%	0.435%
78	13.623	2086	2089	2094	rVV2	3556654	5635338	6.26%	0.559%
79	13.684	2094	2099	2100	rVV2	1855505	2537818	2.82%	0.252%
80	13.708	2100	2103	2109	rVB2	3418925	4751355	5.28%	0.472%
81	13.818	2113	2121	2130	rVB	20477999	26576064	29.52%	2.638%
82	13.909	2130	2136	2140	rBV	942865	1330554	1.48%	0.132%
83	13.964	2140	2145	2149	rBV2	1283220	1732692	1.92%	0.172%
84	14.013	2149	2153	2157	rVB	1208517	1393920	1.55%	0.138%
85	14.116	2165	2170	2176	rBV	2259476	2778207	3.09%	0.276%
86	14.257	2189	2193	2198	rBV	2092828	3183000	3.54%	0.316%
87	14.360	2206	2210	2216	rBV2	1506008	2335226	2.59%	0.232%
88	14.415	2216	2219	2223	rVB	1577833	1845755	2.05%	0.183%
89	14.641	2250	2256	2259	rBV	665560	974561	1.08%	0.097%
90	14.677	2259	2262	2267	rVB	3018049	3574434	3.97%	0.355%
91	14.824	2280	2286	2296	rBV	6564732	8621309	9.58%	0.856%

Sum of corrected areas: 1007558402

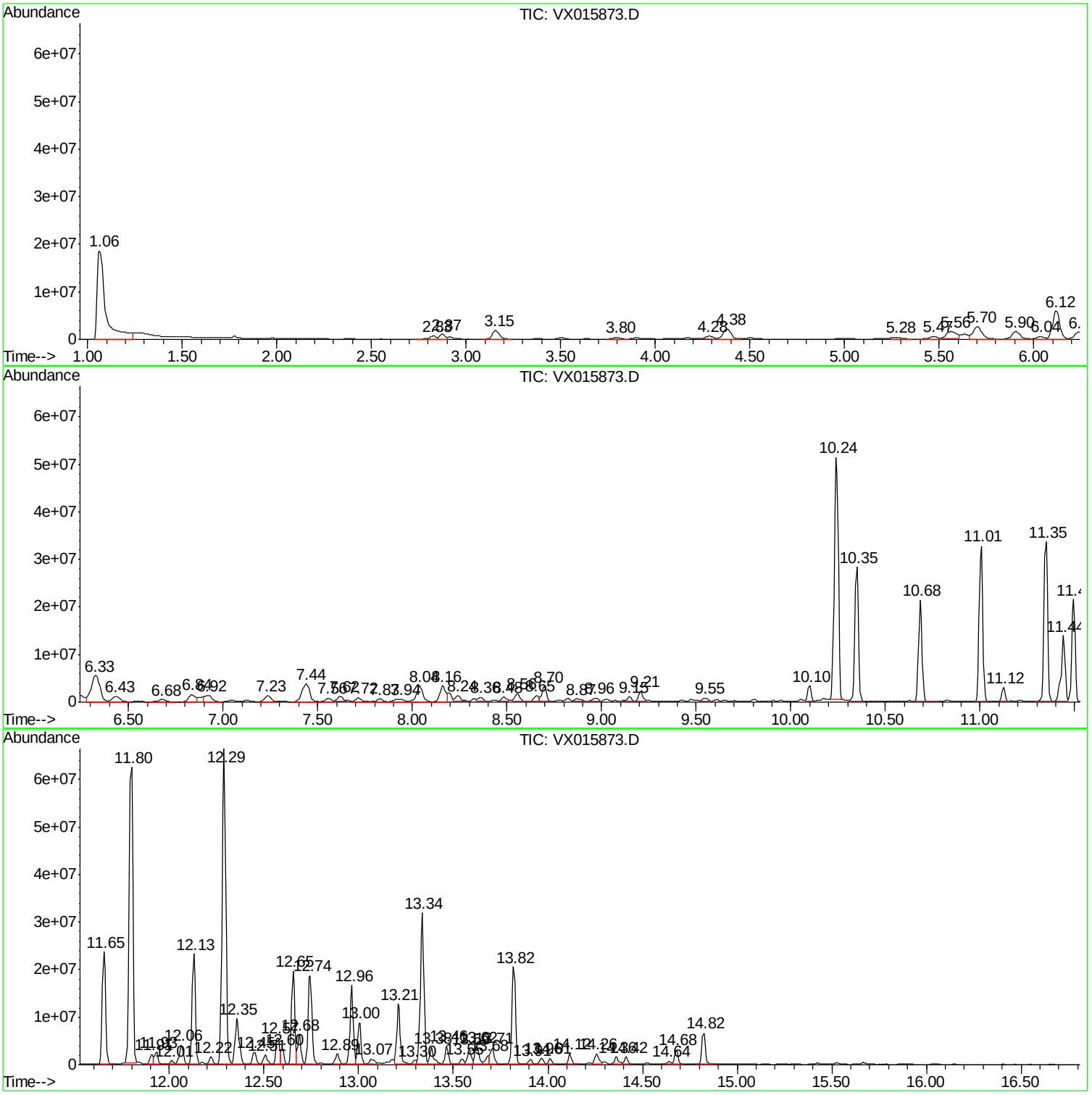
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015873.D
Acq On : 23 Apr 2020 04:43
Operator : JC/SP
Sample : L2380-11
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015873.D
Acq On : 23 Apr 2020 04:43
Operator : JC/SP
Sample : L2380-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW079-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

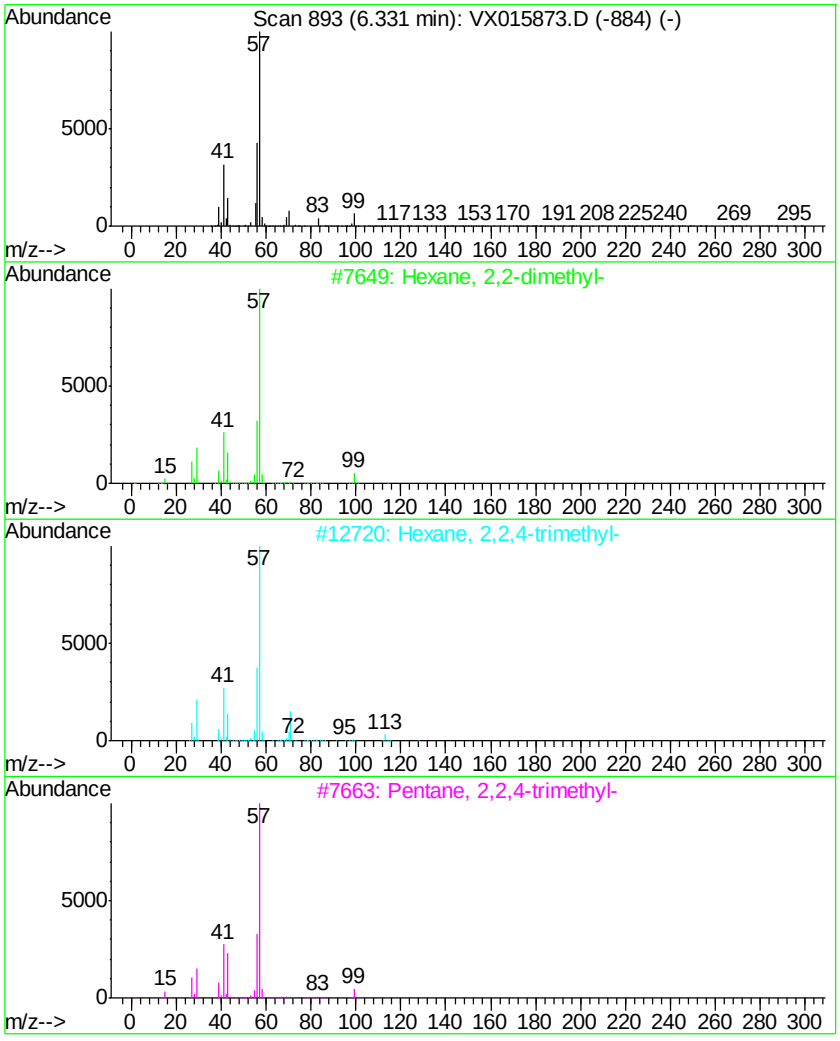
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

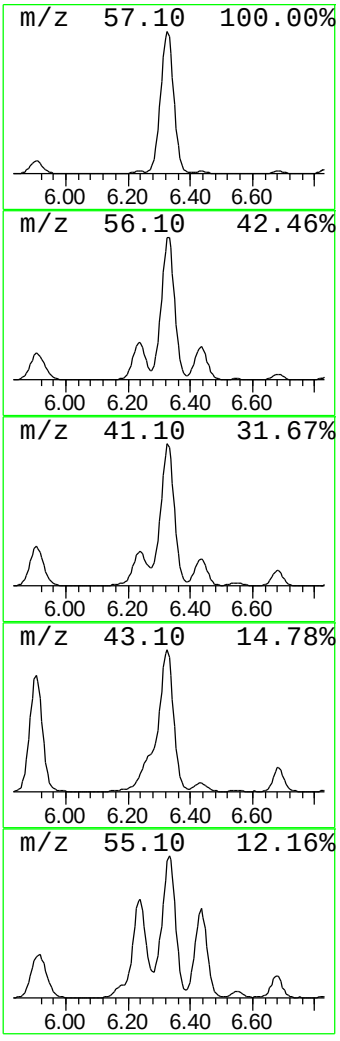
****

Peak Number 2 Hexane, 2,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	237.12 ug/l	17699300	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	59
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	59
5	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015873.D
Acq On : 23 Apr 2020 04:43
Operator : JC/SP
Sample : L2380-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW079-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

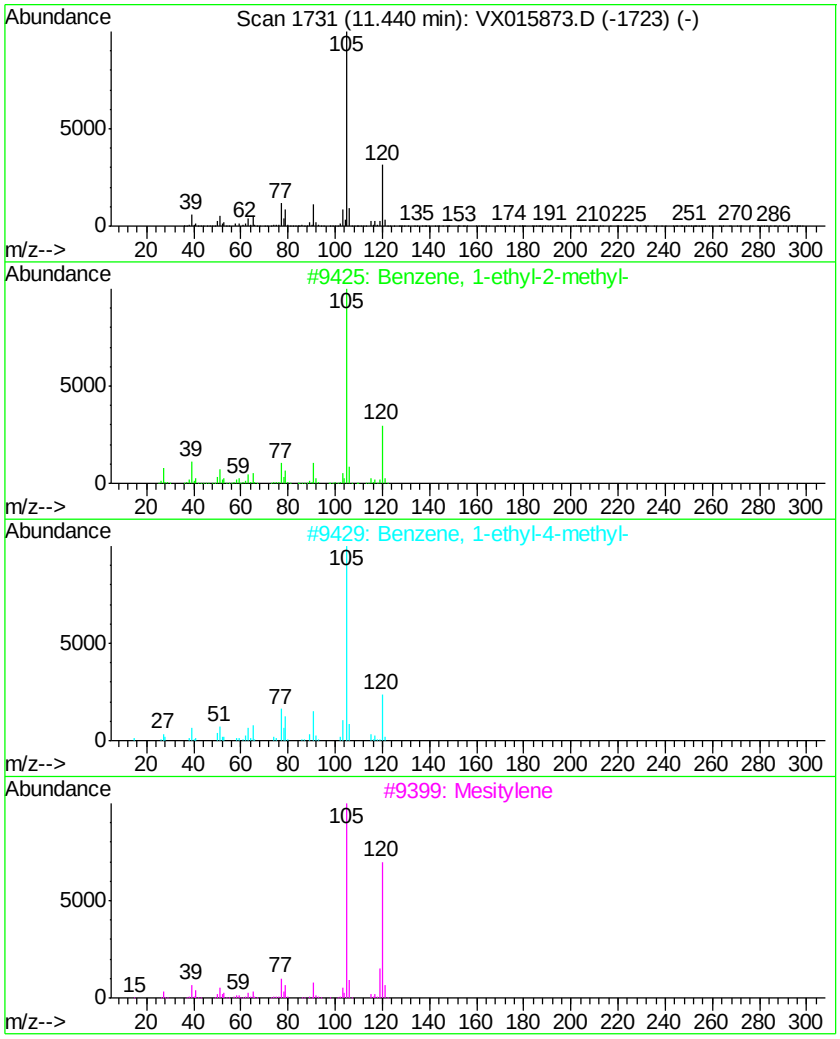
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

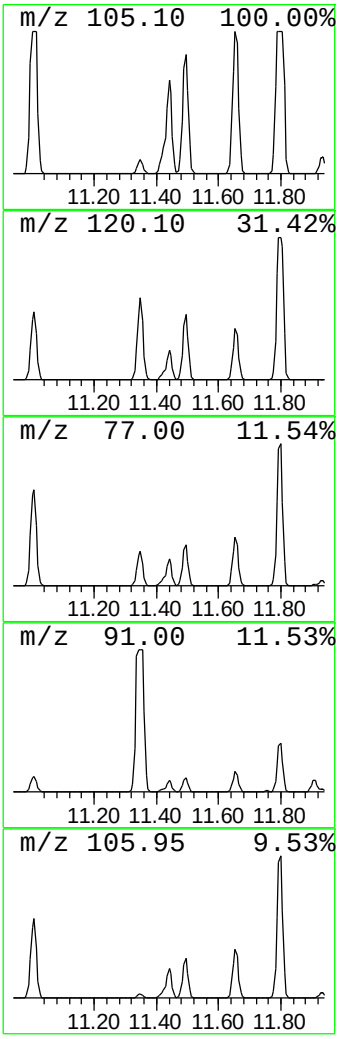
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	183.26 ug/l	20273500	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015873.D
Acq On : 23 Apr 2020 04:43
Operator : JC/SP
Sample : L2380-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW079-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

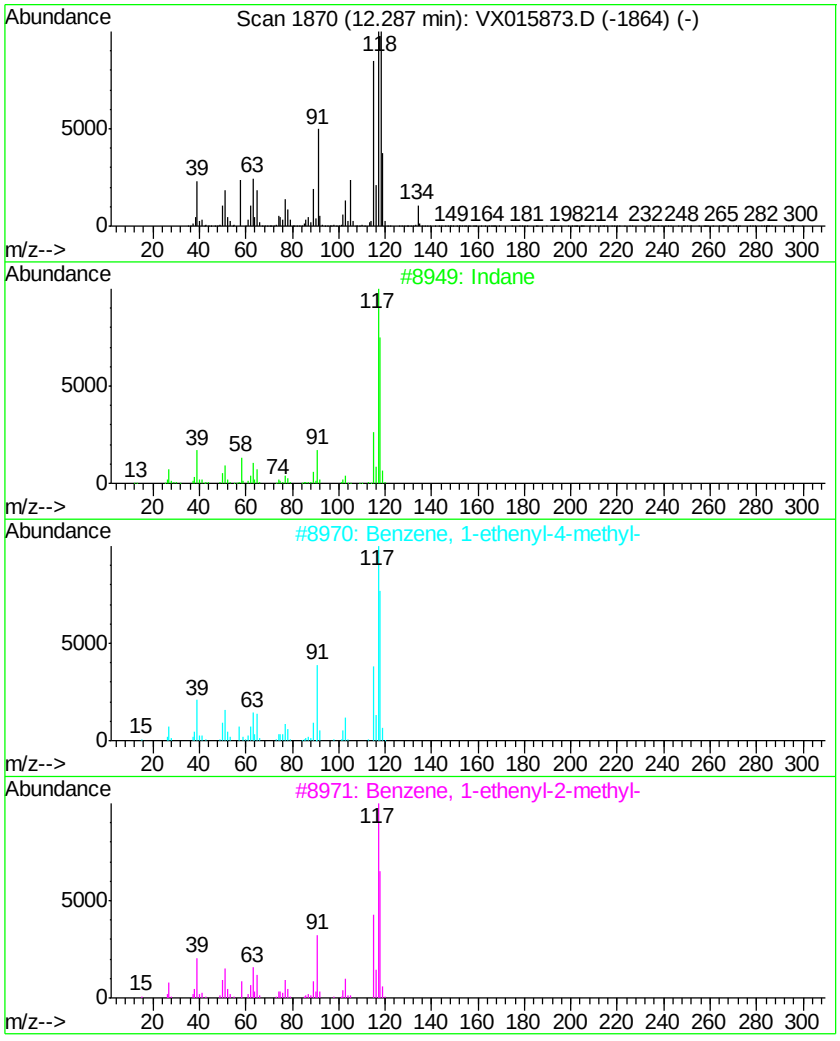
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

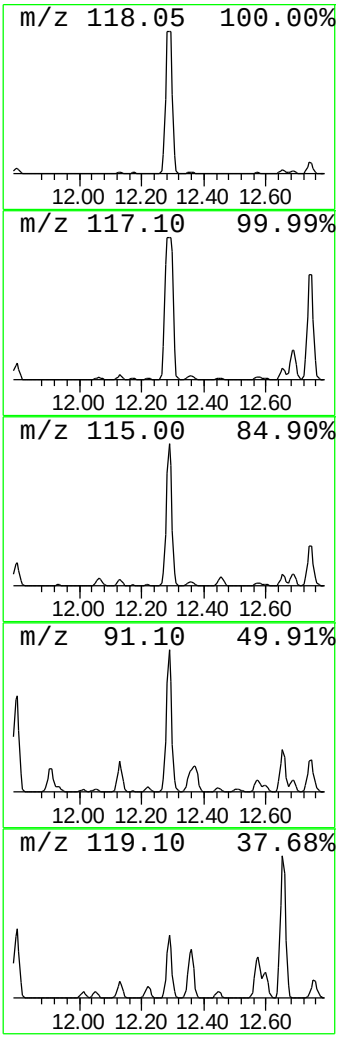
****

Peak Number 6 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	813.83 ug/l	90030600	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	90
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	55
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	55
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015873.D
Acq On : 23 Apr 2020 04:43
Operator : JC/SP
Sample : L2380-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW079-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

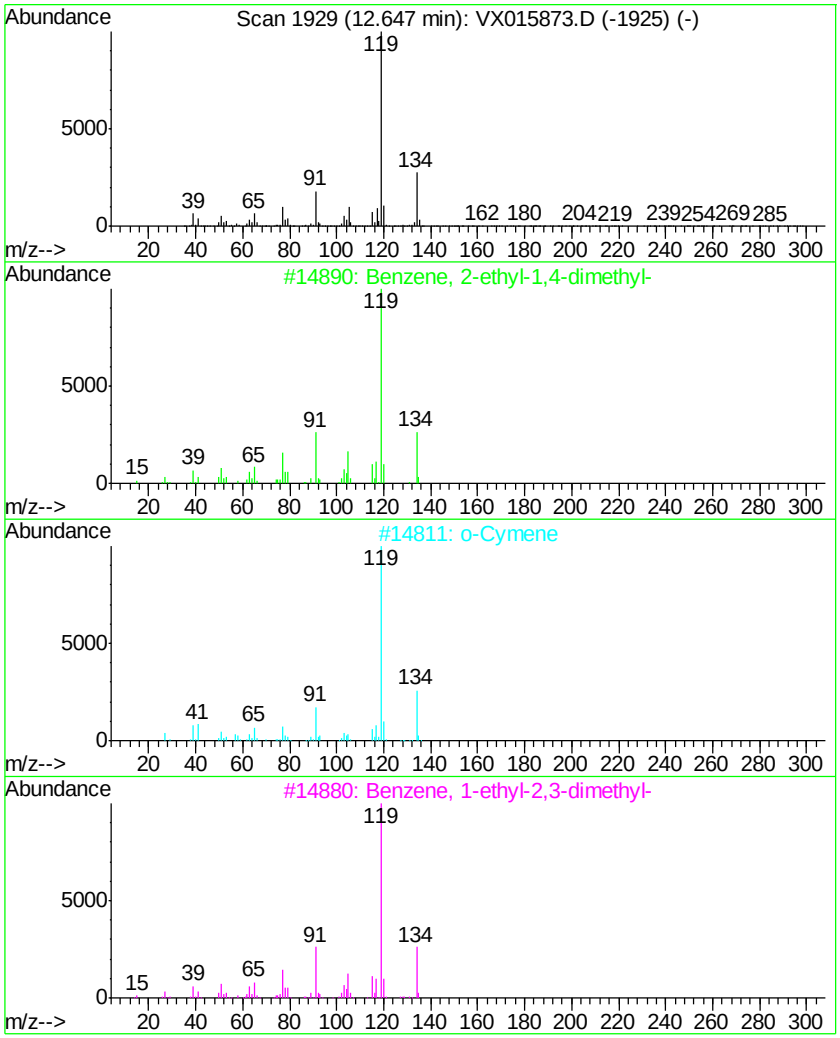
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

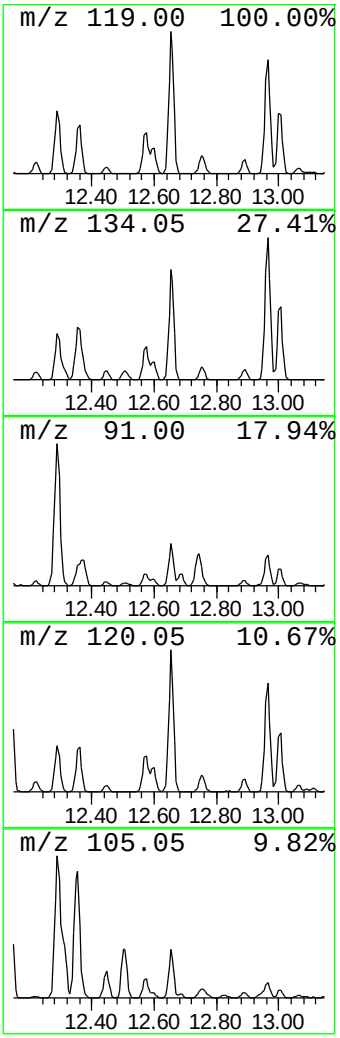
****

Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	211.42 ug/l	23388400	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015873.D
Acq On : 23 Apr 2020 04:43
Operator : JC/SP
Sample : L2380-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW079-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

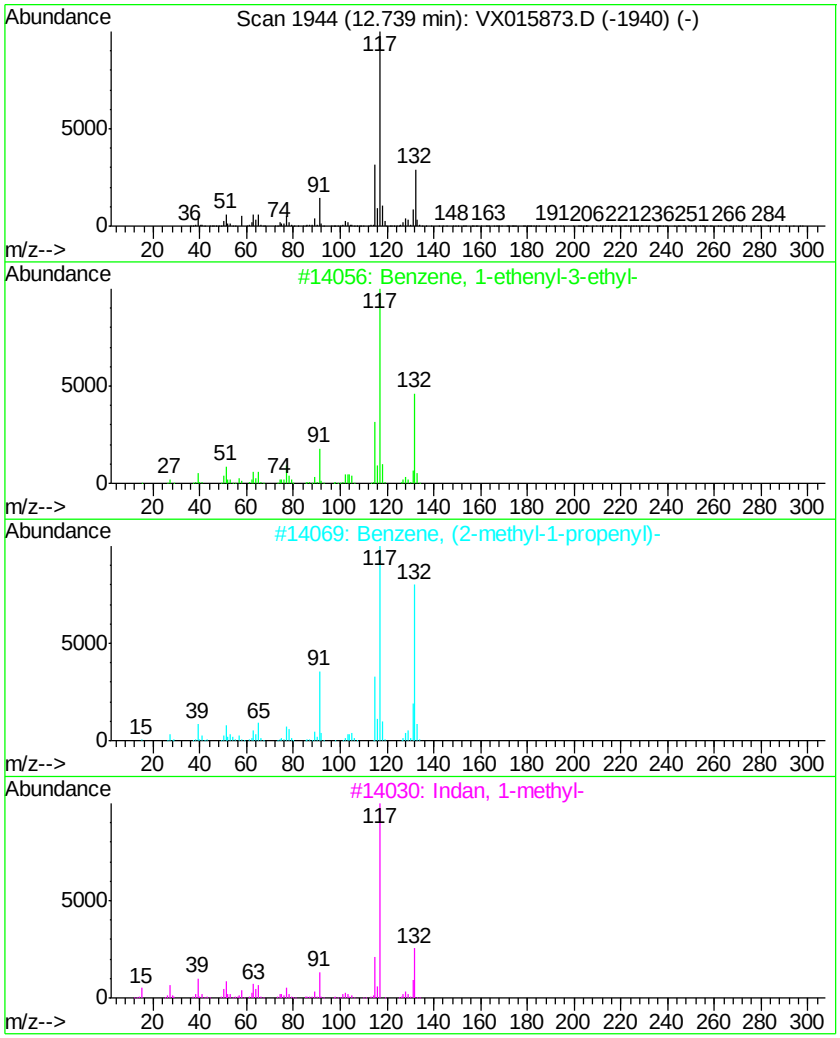
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

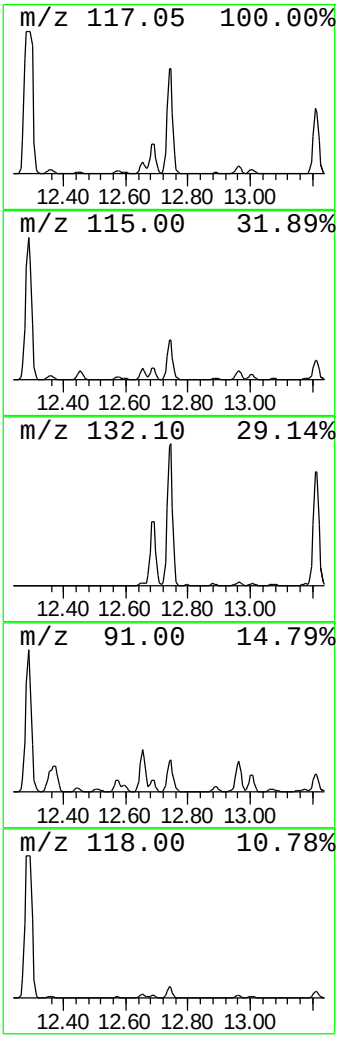
****

Peak Number 8 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	233.52 ug/l	25832900	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015873.D
Acq On : 23 Apr 2020 04:43
Operator : JC/SP
Sample : L2380-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW079-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

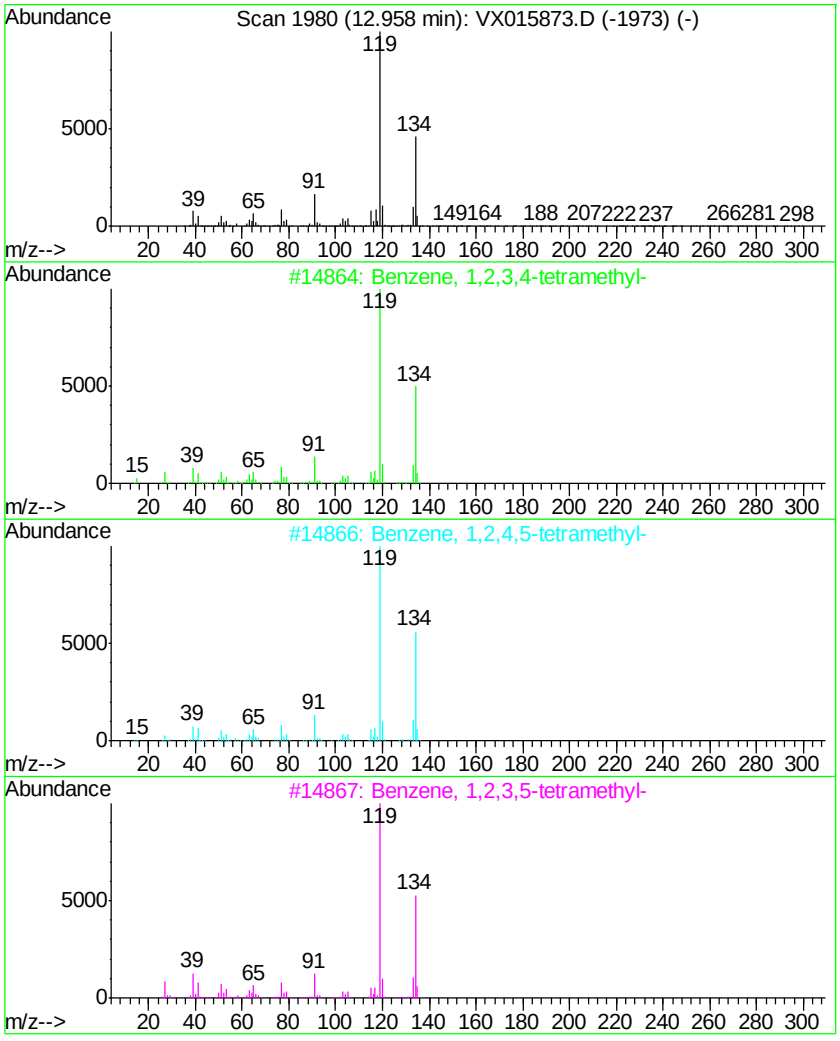
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

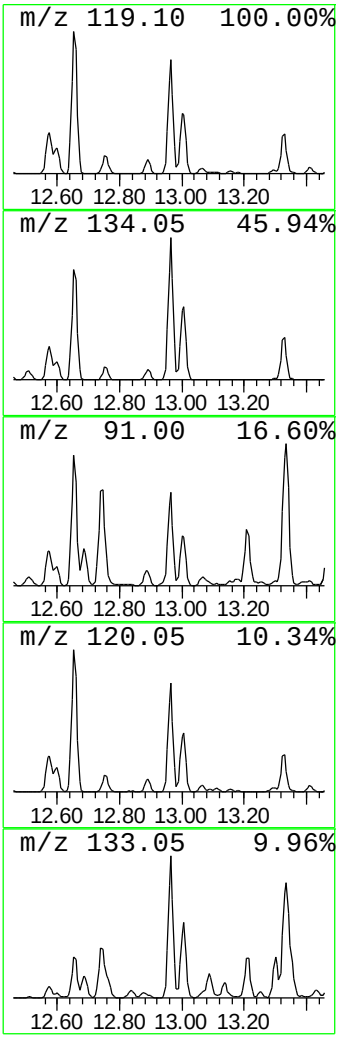
****

Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	183.28 ug/l	20275800	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015873.D
Acq On : 23 Apr 2020 04:43
Operator : JC/SP
Sample : L2380-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW079-200421

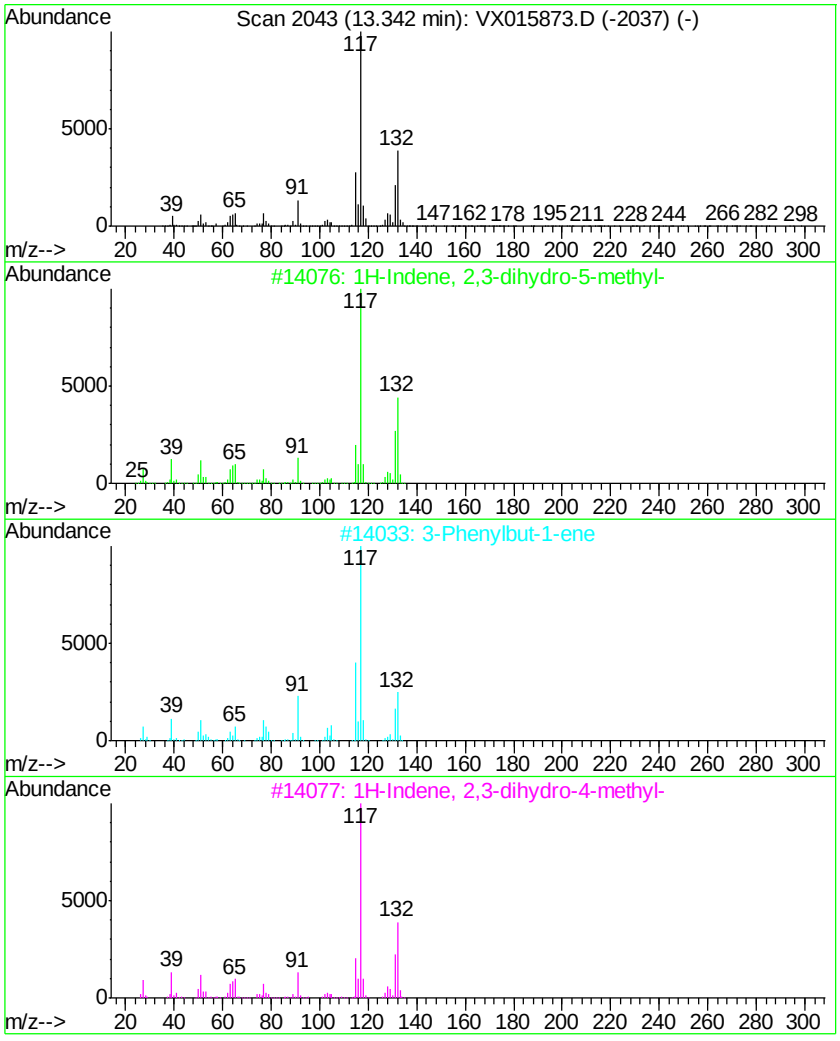
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

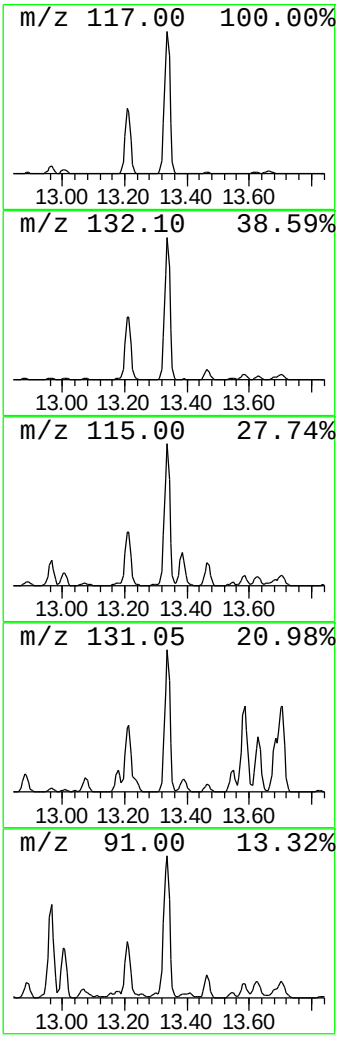
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	379.99 ug/l	42036000	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015873.D
Acq On : 23 Apr 2020 04:43
Operator : JC/SP
Sample : L2380-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW079-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexane, 2,2-dimet...	6.33	237.1	ug/l	17699300	2	6.84	3732200	50.0
Benzene, 1-ethyl-...	11.44	183.3	ug/l	20273500	4	12.06	5531280	50.0
Indane	12.29	813.8	ug/l	90030600	4	12.06	5531280	50.0
Benzene, 2-ethyl-...	12.65	211.4	ug/l	23388400	4	12.06	5531280	50.0
Benzene, 1-etheny...	12.74	233.5	ug/l	25832900	4	12.06	5531280	50.0
Benzene, 1,2,3,4-...	12.96	183.3	ug/l	20275800	4	12.06	5531280	50.0
1H-Indene, 2,3-di...	13.34	380.0	ug/l	42036000	4	12.06	5531280	50.0