LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015861.D
Acq On : 23 Apr 2020 00:11
Operator : JC/SP
Sample : L2380-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW020-200421

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	51	rBV	18335212	53081393	100.00%	16.362%
2	2.826	310	318	322	rBV	300125	659808	1.24%	0.203%
3	2.868	322	325	340	rVB	372864	849557	1.60%	0.262%
4	3.155	361	372	386	rVB2	824898	2054096	3.87%	0.633%
5	4.283	547	557	565	rBV	614875	1799536	3.39%	0.555%
6	4.380	565	573	584	rVB	378763	1100291	2.07%	0.339%
7	5.215	699	710	733	rVB4	169199	854157	1.61%	0.263%
8	5.472	741	752	759	rBV	518628	1512488	2.85%	0.466%
9	5.563	759	767	773	rVV4	595918	2335999	4.40%	0.720%
10	5.636	774	779	782	rVV	878399	2183004	4.11%	0.673%
11	5.703	782	790	807	rVB	2741622	8732794	16.45%	2.692%
12	5.904	812	823	836	rBV3	1092034	3416123	6.44%	1.053%
13	6.032	836	844	853	rBV2	490147	1263435	2.38%	0.389%
14	6.240	863	878	883	rBV	965234	2995824	5.64%	0.923%
15	6.325	883	892	902	rVV	6953775	21230691	40.00%	6.544%
16	6.435	902	910	921	rVB2	902341	2565608	4.83%	0.791%
17	6.837	964	976	981	rBV	1334048	3515652	6.62%	1.084%
18	6.922	986	990	1000	rVB3	778570	1896032	3.57%	0.584%
19	7.044	1000	1010	1017	rBV2	261026	624848	1.18%	0.193%
20	7.239	1031	1042	1049	rBV	928089	2058956	3.88%	0.635%
21	7.435	1063	1074	1084	rBV4	2298252	6655628	12.54%	2.052%
22	7.557	1086	1094	1099	rBV2	788431	1597430	3.01%	0.492%
23	7.617	1099	1104	1109	rBV	1105659	2074574	3.91%	0.639%
24	7.715	1116	1120	1128	rVB	447814	827824	1.56%	0.255%
25	7.831	1132	1139	1146	rVB2	575028	1206614	2.27%	0.372%
26	7.941	1146	1157	1163	rBV4	265494	866076	1.63%	0.267%
27	8.038	1163	1173	1184	rVB	4648779	9857362	18.57%	3.038%
28	8.160	1184	1193	1202	rBV2	4479529	9752979	18.37%	3.006%
29	8.239	1202	1206	1217	rVB3	1068634	2104500	3.96%	0.649%
30	8.361	1217	1226	1233	rVB4	658258	1426430	2.69%	0.440%
31	8.556	1254	1258	1267	rVB4	868010	1671726	3.15%	0.515%
32	8.660	1267	1275	1277	rBV3	1204412	2385847	4.49%	0.735%
33	8.697	1277	1281	1290	rVB	2914628	4785877	9.02%	1.475%
34	8.818	1297	1301	1305	rVB	381276	547911	1.03%	0.169%

LSC Area Percent Report

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Sample : L2380-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW020-200421

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

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Peak separation: 5

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

35	8.971	1318	1326	1331	rBV	431222	740733	1.40%	0.228%
36	9.020	1331	1334	1339	rVB	420247	636319	1.20%	0.196%
37	9.148	1347	1355	1360	rBV2	866046	1644777	3.10%	0.507%
38	9.209	1360	1365	1370	rBV	1665260	2618766	4.93%	0.807%
39	9.471	1404	1408	1411	rBV	373776	534711	1.01%	0.165%
40	9.550	1416	1421	1426	rVB3	509003	1094902	2.06%	0.337%
41	9.806	1456	1463	1469	rBV3	403121	692677	1.30%	0.214%
42	10.099	1506	1511	1515	rBV	2928887	3851764	7.26%	1.187%
43	10.172	1519	1523	1526	rVV	451371	720523	1.36%	0.222%
44	10.239	1530	1534	1543	rVV	527363	878620	1.66%	0.271%
45	10.343	1549	1551	1557	rVB2	412522	556895	1.05%	0.172%
46	11.001	1654	1659	1665	rBV	20040800	26679288	50.26%	8.224%
47	11.123	1674	1679	1684	rBV	2632333	3287385	6.19%	1.013%
48	11.342	1710	1715	1722	rVB	16098576	20907308	39.39%	6.445%
49	11.653	1757	1766	1775	rBV	1518440	1910978	3.60%	0.589%
50	11.751	1778	1782	1786	rBV	494138	673277	1.27%	0.208%
51	11.903	1801	1807	1809	rBV	1077546	1349132	2.54%	0.416%
52	11.928	1809	1811	1817	rVB	1223046	1515081	2.85%	0.467%
53	12.062	1828	1833	1838	rBV	3505875	4412219	8.31%	1.360%
54	12.220	1854	1859	1864	rVB	1394250	1768828	3.33%	0.545%
55	12.281	1864	1869	1875	rBV	26384891	34683299	65.34%	10.691%
56	12.354	1876	1881	1891	rVB2	1756974	2649439	4.99%	0.817%
57	12.446	1891	1896	1902	rBV	903293	1085198	2.04%	0.335%
58	12.653	1922	1930	1933	rBV	4147855	4974022	9.37%	1.533%
59	12.684	1933	1935	1940	rVV	1967228	2272841	4.28%	0.701%
60	12.739	1940	1944	1951	rVB2	6538061	8834683	16.64%	2.723%
61	12.879	1960	1967	1972	rVB	402515	602093	1.13%	0.186%
62	12.964	1972	1981	1985	rBV	3294750	4444588	8.37%	1.370%
63	13.068	1993	1998	2005	rBV2	453374	796761	1.50%	0.246%
64	13.153	2006	2012	2015	rBV2	762280	1060518	2.00%	0.327%
65	13.208	2018	2021	2029	rVB	2886067	3605967	6.79%	1.112%
66	13.336	2037	2042	2046	rVB	7369965	9431392	17.77%	2.907%
67	13.385	2046	2050	2054	rBV2	551678	648771	1.22%	0.200%
68	13.464	2059	2063	2068	rVB	773476	942075	1.77%	0.290%
69	13.586	2079	2083	2086	rVV	832626	1256315	2.37%	0.387%
70	13.623	2086	2089	2093	rVV2	1194230	1768253	3.33%	0.545%
71	13.683	2093	2099	2100	rVV2	943399	1415859	2.67%	0.436%

LSC Area Percent Report

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Operator : JC/SP
Sample : L2380-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW020-200421

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

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Peak separation: 5

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

72	13.702	2100	2102	2108	rVB	1606494	1896499	3.57%	0.585%
73	13.818	2114	2121	2130	rVB	705225	1074446	2.02%	0.331%
74	13.964	2138	2145	2149	rBV2	497018	723720	1.36%	0.223%
75	14.116	2166	2170	2175	rBV	465516	556578	1.05%	0.172%
76	14.257	2188	2193	2198	rBV	810545	1206568	2.27%	0.372%
77	14.360	2206	2210	2216	rBV	696928	843716	1.59%	0.260%
78	14.823	2281	2286	2295	rVB	486043	679534	1.28%	0.209%

Sum of corrected areas: 324418388

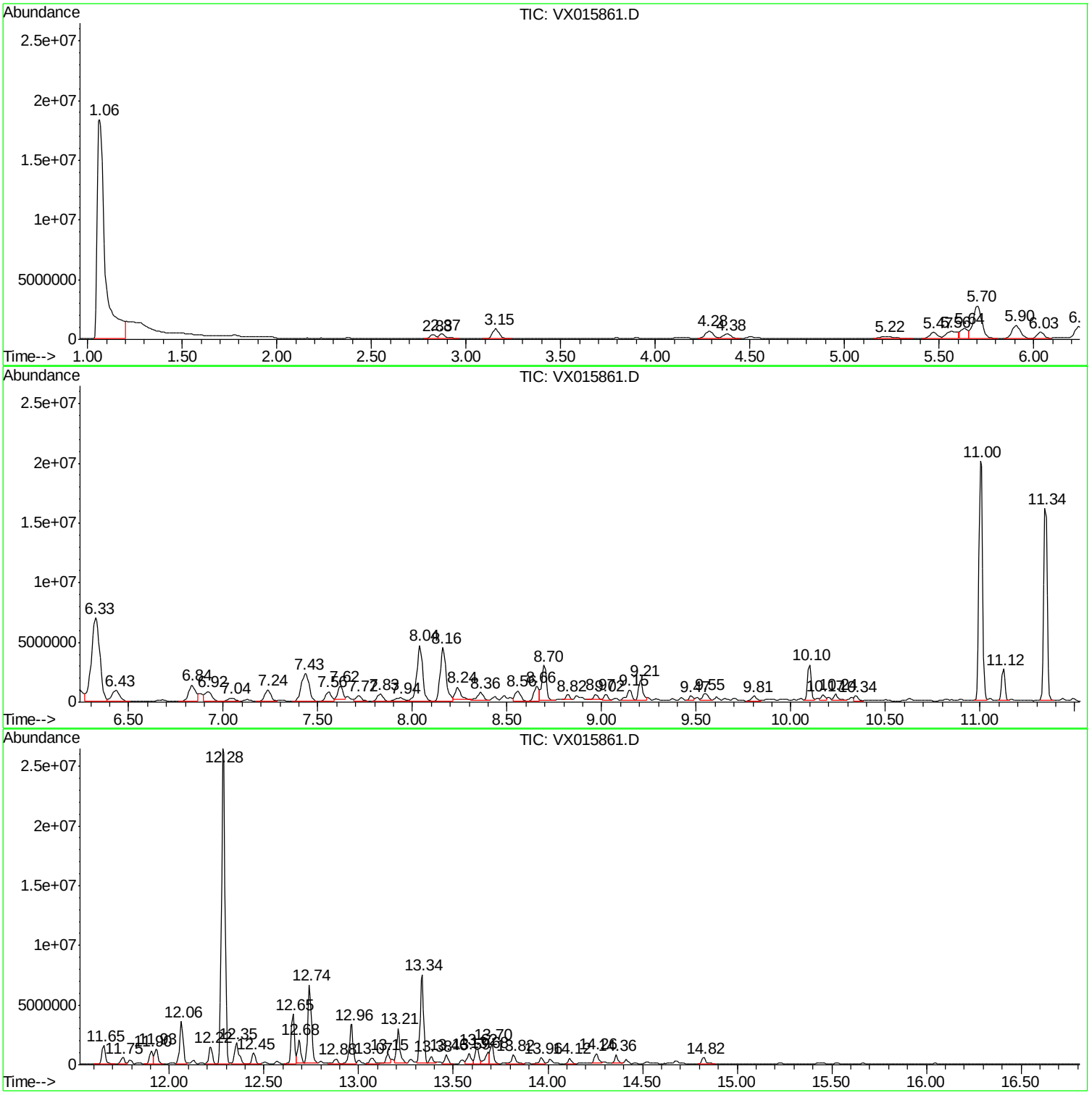
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015861.D
Acq On : 23 Apr 2020 00:11
Operator : JC/SP
Sample : L2380-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-200421

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 : VX015861.D
Acq On : 23 Apr 2020 00:11
Operator : JC/SP
Sample : L2380-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW020-200421

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 1 Pentane, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	200.02 ug/l	8732790	Pentafluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	37
3	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	37
4	Heptane	100	C7H16	000142-82-5	37
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	37

****

Peak Number 2 Hexane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	78.24 ug/l	3416120	Pentafluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	53
3	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	50
4	Heptane	100	C7H16	000142-82-5	50
5	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	50

****

Peak Number 3 Hexane, 2,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	301.95 ug/l	21230700	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
3	Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	64
4	Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	64
5	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64

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Peak Number 4 Pentane, 2,3,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.

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Acq On : 23 Apr 2020 00:11
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Sample : L2380-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW020-200421

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	140.19 ug/l	9857360	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	72
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64

****

Peak Number 5 Pentane, 2,3,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	138.71 ug/l	9752980	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	59

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Peak Number 6 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	393.04 ug/l	34683300	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	70
5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	64

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Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	56.37 ug/l	4974020	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

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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

1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9 97
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4 95
3	o-Cymene	134	C10H14	000527-84-4 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

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Peak Number 8 Benzene, (2-methyl-1-propen... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	100.12 ug/l	8834680	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86

****

Peak Number 9 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	106.88 ug/l	9431390	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86

Tentatively Identified Compound (LSC) summary

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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
Pentane, 2,3-dime...	5.70	200.0	ug/l	8732790	1	5.64	2183000	50.0
Hexane, 3-methyl-	5.90	78.2	ug/l	3416120	1	5.64	2183000	50.0
Hexane, 2,2-dimet...	6.33	301.9	ug/l	21230700	2	6.84	3515650	50.0
Pentane, 2,3,4-tr...	8.04	140.2	ug/l	9857360	2	6.84	3515650	50.0
Pentane, 2,3,3-tr...	8.16	138.7	ug/l	9752980	2	6.84	3515650	50.0
Indane	12.28	393.0	ug/l	34683300	4	12.06	4412220	50.0
Benzene, 2-ethyl-...	12.65	56.4	ug/l	4974020	4	12.06	4412220	50.0
Benzene, (2-methy...	12.74	100.1	ug/l	8834680	4	12.06	4412220	50.0
1H-Indene, 2,3-di...	13.34	106.9	ug/l	9431390	4	12.06	4412220	50.0