LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\
Data File : VX003862.D
Acq On : 03 Aug 2018 21:22
Operator : JC/MD
Sample : J4263-11
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0519

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\82X080318W.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	1.075	72	80	92	rBV	376112	485251	61.07%	6.219%
2	2.623	327	334	343	rBV	7045	13195	1.66%	0.169%
3	2.843	363	370	373	rBV	4643	9626	1.21%	0.123%
4	2.885	373	377	389	rVB2	5355	13490	1.70%	0.173%
5	3.166	416	423	437	rVB2	14130	33020	4.16%	0.423%
6	4.397	618	625	638	rVB4	2868	8096	1.02%	0.104%
7	5.232	753	762	773	rVB4	2706	9250	1.16%	0.119%
8	5.507	796	807	817	rBV	50261	143360	18.04%	1.837%
9	5.665	823	833	853	rVB	76592	239006	30.08%	3.063%
10	5.940	867	878	887	rBV7	3359	11094	1.40%	0.142%
11	6.074	890	900	908	rBV2	52077	135555	17.06%	1.737%
12	6.147	908	912	922	rVV2	5812	13078	1.65%	0.168%
13	6.269	922	932	940	rVV5	3771	14762	1.86%	0.189%
14	6.348	940	945	955	rVB3	3710	10713	1.35%	0.137%
15	6.866	1020	1030	1041	rBV	114249	264230	33.25%	3.386%
16	7.458	1117	1127	1134	rBV3	5157	13215	1.66%	0.169%
17	8.183	1239	1246	1252	rBV	6026	11976	1.51%	0.153%
18	8.671	1317	1326	1328	rBV3	5352	9234	1.16%	0.118%
19	8.720	1328	1334	1342	rVB	287605	437521	55.06%	5.607%
20	8.841	1349	1354	1358	rBV	7473	12111	1.52%	0.155%
21	9.043	1381	1387	1392	rVB	12706	19735	2.48%	0.253%
22	9.165	1400	1407	1413	rBV	5735	8973	1.13%	0.115%
23	10.116	1555	1563	1570	rBV	241563	318975	40.14%	4.088%
24	10.189	1570	1575	1580	rVV	6020	8670	1.09%	0.111%
25	10.256	1580	1586	1593	rVV	431557	552270	69.50%	7.078%
26	10.360	1596	1603	1613	rVB	404560	545109	68.60%	6.986%
27	10.701	1656	1659	1665	rVB	7254	9248	1.16%	0.119%
28	11.018	1706	1711	1719	rVB	41383	53335	6.71%	0.684%
29	11.140	1725	1731	1736	rBV	239493	298547	37.57%	3.826%
30	11.359	1763	1767	1775	rVB	62361	79898	10.05%	1.024%
31	11.457	1775	1783	1787	rVV	134625	190382	23.96%	2.440%
32	11.506	1787	1791	1797	rVB	75551	94386	11.88%	1.210%
33	11.670	1812	1818	1827	rBV	296811	361207	45.46%	4.629%
34	11.810	1836	1841	1846	rBV	679249	794623	100.00%	10.183%

LSC Area Percent Report

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Sample : J4263-11
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0519

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\82X080318W.M
Title : SW846 8260

35	11.945	1861	1863	1868	rVB	9303	11158	1.40%	0.143%
36	12.030	1871	1877	1880	rBV	9898	12278	1.55%	0.157%
37	12.079	1880	1885	1891	rVB	295228	371626	46.77%	4.763%
38	12.146	1891	1896	1901	rVB	205116	247459	31.14%	3.171%
39	12.231	1905	1910	1915	rBV	13982	17882	2.25%	0.229%
40	12.304	1915	1922	1929	rBV	76243	112088	14.11%	1.436%
41	12.371	1929	1933	1942	rVB3	39878	60973	7.67%	0.781%
42	12.463	1942	1948	1953	rBV3	26329	34345	4.32%	0.440%
43	12.518	1953	1957	1962	rVB	54601	67685	8.52%	0.867%
44	12.591	1964	1969	1970	rBV	46839	56174	7.07%	0.720%
45	12.609	1970	1972	1977	rVB	54340	64730	8.15%	0.830%
46	12.670	1977	1982	1985	rBV	63793	73873	9.30%	0.947%
47	12.701	1985	1987	1992	rVB2	11707	14316	1.80%	0.183%
48	12.762	1992	1997	2003	rBV3	46161	84042	10.58%	1.077%
49	12.816	2003	2006	2009	rVB2	9802	9855	1.24%	0.126%
50	12.902	2015	2020	2025	rVB2	37272	54948	6.91%	0.704%
51	12.981	2025	2033	2036	rBV2	41821	63820	8.03%	0.818%
52	13.024	2036	2040	2045	rVB	88257	110263	13.88%	1.413%
53	13.085	2045	2050	2056	rBV2	20835	37830	4.76%	0.485%
54	13.152	2056	2061	2065	rBV	12879	14717	1.85%	0.189%
55	13.194	2065	2068	2071	rBV2	29177	35583	4.48%	0.456%
56	13.268	2076	2080	2083	rVB3	11850	17933	2.26%	0.230%
57	13.310	2083	2087	2089	rBV2	22347	29519	3.71%	0.378%
58	13.347	2089	2093	2099	rVB2	133347	177856	22.38%	2.279%
59	13.426	2104	2106	2111	rVV	7088	9630	1.21%	0.123%
60	13.481	2111	2115	2121	rVB	60652	75106	9.45%	0.963%
61	13.566	2124	2129	2132	rBV4	12221	19358	2.44%	0.248%
62	13.603	2132	2135	2137	rVV	18833	24257	3.05%	0.311%
63	13.639	2137	2141	2147	rVV3	40354	87506	11.01%	1.121%
64	13.725	2148	2155	2165	rVB2	41263	92310	11.62%	1.183%
65	13.834	2165	2173	2181	rVB3	51477	98197	12.36%	1.258%
66	13.914	2181	2186	2191	rBV	27329	35676	4.49%	0.457%
67	13.987	2191	2198	2202	rBV2	35814	49347	6.21%	0.632%
68	14.030	2202	2205	2209	rBV2	12780	15600	1.96%	0.200%
69	14.133	2217	2222	2225	rBV2	9187	13432	1.69%	0.172%
70	14.292	2239	2248	2252	rVB2	30569	59955	7.55%	0.768%
71	14.383	2259	2263	2266	rVB	9518	11594	1.46%	0.149%

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Instrument : MSVOA_X
ClientSampleId : FL-0519

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\82X080318W.M
Title : SW846 8260

72	14.432	2266	2271	2276	rVB	14184	18503	2.33%	0.237%
73	14.542	2284	2289	2294	rBV2	53397	70358	8.85%	0.902%
74	14.700	2304	2315	2318	rBV3	16323	28466	3.58%	0.365%
75	14.737	2318	2321	2327	rVB	6631	8967	1.13%	0.115%
76	14.840	2334	2338	2342	rBV2	25237	36423	4.58%	0.467%
77	14.981	2354	2361	2367	rVB7	3260	8156	1.03%	0.105%
78	15.255	2402	2406	2413	rVB2	4987	10210	1.28%	0.131%
79	15.554	2450	2455	2459	rBV2	5643	8061	1.01%	0.103%
80	15.688	2469	2477	2481	rBV2	5583	9228	1.16%	0.118%
81	16.419	2591	2597	2603	rBV2	4782	8631	1.09%	0.111%

Sum of corrected areas: 7803065

LSC Report - Integrated Chromatogram

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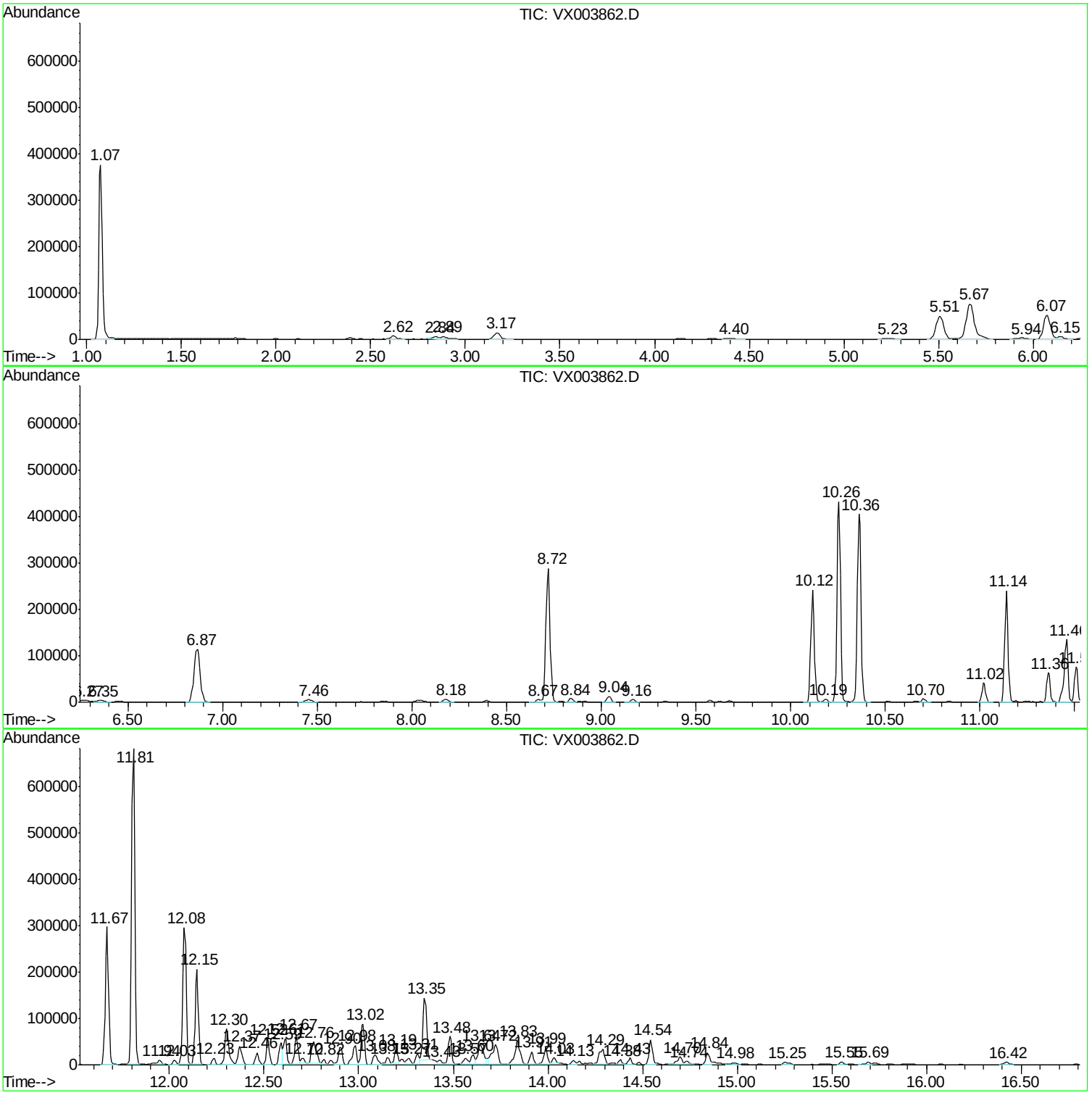
Sample : J4263-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0519

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
Quant Title : SW846 8260

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



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ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0519

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
Quant Title : SW846 8260

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

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	48.60 ug/l	361207	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Mesitylene	120	C9H12	000108-67-8	90
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90

****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	33.29 ug/l	247459	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90

****

Peak Number 3 Benzene, 1-propenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	15.08 ug/l	112088	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	90
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	80
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	80
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	55

****

Peak Number 4 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 9

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

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Sample : J4263-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0519

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.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.
12.76	11.31 ug/l	84042	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	81
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
3	Indan, 1-methyl-	132	C10H12	000767-58-8	76
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	72
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	72

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	14.84 ug/l	110263	1,4-Dichlorobenzene-d4	12.08

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	97
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94

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Peak Number 6 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	23.93 ug/l	177856	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	76
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	62

****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	10.11 ug/l	75106	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

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Instrument :
MSVOA_X
ClientSampleId :
FL-0519

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
Quant Title : SW846 8260

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

1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2	Indan, epoxide	132	C9H8O	000768-22-9	49
3	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	35
4	p-Toluic acid, 2-phenylethyl ester	240	C16H16O2	203587-50-2	35
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	27

****

Peak Number 8 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	11.77 ug/l	87506	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	58
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49
3	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	46
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	43
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	43

****

Peak Number 9 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	12.42 ug/l	92310	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	87
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	87
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	83

Tentatively Identified Compound (LSC) summary

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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
Benzene, 1-ethyl-...	11.67	48.6	ug/l	361207	4	12.08	371626	50.0
Benzene, 1,2,3-tr...	12.15	33.3	ug/l	247459	4	12.08	371626	50.0
Benzene, 1-propenyl-	12.30	15.1	ug/l	112088	4	12.08	371626	50.0
Benzene, 2-etheny...	12.76	11.3	ug/l	84042	4	12.08	371626	50.0
Benzene, 1,2,3,4-...	13.02	14.8	ug/l	110263	4	12.08	371626	50.0
o-Cymene	13.35	23.9	ug/l	177856	4	12.08	371626	50.0
Naphthalene, 1,2,...	13.48	10.1	ug/l	75106	4	12.08	371626	50.0
Benzene, 1,4-diet...	13.64	11.8	ug/l	87506	4	12.08	371626	50.0
1H-Indene, 2,3-di...	13.72	12.4	ug/l	92310	4	12.08	371626	50.0