LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
Data File : VX002431.D
Acq On : 09 Jun 2018 19:43
Operator : JC/MD
Sample : J3394-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-53

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\82X060418W.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	76	80	94	rBV	847742	1139438	66.99%	6.134%
2	1.276	108	113	115	rBV	64146	84510	4.97%	0.455%
3	1.300	115	117	120	rVB	67379	55578	3.27%	0.299%
4	1.404	130	134	140	rVB	146697	148389	8.72%	0.799%
5	1.794	193	198	209	rVB	63820	101843	5.99%	0.548%
6	2.020	230	235	241	rVB	26063	40309	2.37%	0.217%
7	2.270	270	276	284	rVB	69894	108123	6.36%	0.582%
8	2.812	359	365	376	rBV	33767	70600	4.15%	0.380%
9	2.928	378	384	396	rVB	60976	132348	7.78%	0.712%
10	4.397	614	625	635	rBV2	8751	25867	1.52%	0.139%
11	5.507	794	807	817	rBV2	138462	400911	23.57%	2.158%
12	5.665	824	833	854	rVB	213400	604413	35.54%	3.254%
13	6.074	890	900	919	rBV	154579	407075	23.93%	2.191%
14	6.306	925	938	948	rBV3	17928	55118	3.24%	0.297%
15	6.866	1020	1030	1041	rBV	312784	742199	43.64%	3.996%
16	7.464	1117	1128	1136	rBV2	21832	51253	3.01%	0.276%
17	8.671	1318	1326	1328	rBV2	10095	19044	1.12%	0.103%
18	8.720	1328	1334	1342	rVV	791519	1195009	70.26%	6.433%
19	9.043	1381	1387	1392	rVB4	15261	25944	1.53%	0.140%
20	9.628	1478	1483	1487	rVV	19009	25660	1.51%	0.138%
21	10.116	1554	1563	1571	rBV	665093	898273	52.81%	4.836%
22	10.189	1571	1575	1580	rVB	15353	22857	1.34%	0.123%
23	10.341	1591	1600	1602	rBV2	12582	23069	1.36%	0.124%
24	10.658	1638	1652	1656	rBV7	11351	34056	2.00%	0.183%
25	10.707	1656	1660	1667	rVB2	10313	18912	1.11%	0.102%
26	10.841	1670	1682	1687	rBV2	18819	36769	2.16%	0.198%
27	10.914	1689	1694	1702	rBV5	13512	23597	1.39%	0.127%
28	11.024	1707	1712	1725	rVB	194444	255396	15.02%	1.375%
29	11.140	1725	1731	1736	rBV	669469	841392	49.47%	4.530%
30	11.366	1763	1768	1772	rBV	48396	64482	3.79%	0.347%
31	11.677	1810	1819	1827	rBV6	16770	31782	1.87%	0.171%
32	11.774	1827	1835	1839	rBV	33001	46706	2.75%	0.251%
33	11.926	1851	1860	1861	rBV	53917	76071	4.47%	0.410%
34	11.951	1861	1864	1869	rVB	176750	214591	12.62%	1.155%

LSC Area Percent Report

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Operator : JC/MD
Sample : J3394-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-53

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\82X060418W.M
Title : SW846 8260

35	12.079	1880	1885	1898	rVB	735421	965389	56.76%	5.197%
36	12.237	1905	1911	1916	rBV	77567	98424	5.79%	0.530%
37	12.304	1917	1922	1927	rVV	361143	441157	25.94%	2.375%
38	12.372	1929	1933	1943	rVB2	117736	217524	12.79%	1.171%
39	12.463	1943	1948	1955	rBV	162699	205938	12.11%	1.109%
40	12.670	1973	1982	1985	rBV	437265	546043	32.10%	2.940%
41	12.707	1985	1988	1993	rVV	210081	261497	15.37%	1.408%
42	12.762	1993	1997	2004	rVB2	326217	489036	28.75%	2.633%
43	12.823	2004	2007	2012	rVB	27146	35020	2.06%	0.189%
44	12.902	2012	2020	2025	rVB2	107392	173537	10.20%	0.934%
45	12.981	2025	2033	2038	rBV	467195	617118	36.28%	3.322%
46	13.091	2046	2051	2057	rVB3	60189	98455	5.79%	0.530%
47	13.158	2057	2062	2065	rBV	55573	84135	4.95%	0.453%
48	13.201	2065	2069	2071	rBV	104274	115754	6.81%	0.623%
49	13.231	2071	2074	2077	rVB	97905	94458	5.55%	0.509%
50	13.316	2083	2088	2089	rBV2	46444	53977	3.17%	0.291%
51	13.347	2089	2093	2100	rVV2	1156617	1700865	100.00%	9.156%
52	13.408	2100	2103	2104	rVV	36461	38976	2.29%	0.210%
53	13.432	2104	2107	2109	rVV	44600	59756	3.51%	0.322%
54	13.481	2113	2115	2122	rVB2	34009	45785	2.69%	0.246%
55	13.566	2125	2129	2132	rBV2	52820	76826	4.52%	0.414%
56	13.603	2132	2135	2138	rVV	80558	105825	6.22%	0.570%
57	13.646	2138	2142	2145	rVV2	206950	287377	16.90%	1.547%
58	13.701	2145	2151	2153	rVV3	141724	274752	16.15%	1.479%
59	13.725	2153	2155	2164	rVB2	214679	320758	18.86%	1.727%
60	13.810	2164	2169	2173	rBV	59658	80637	4.74%	0.434%
61	13.859	2173	2177	2182	rVB2	69797	94460	5.55%	0.509%
62	13.914	2182	2186	2191	rVB	170077	211260	12.42%	1.137%
63	13.987	2191	2198	2202	rBV2	233415	346517	20.37%	1.865%
64	14.036	2202	2206	2210	rVV2	74878	103849	6.11%	0.559%
65	14.133	2218	2222	2225	rBV2	61073	82060	4.82%	0.442%
66	14.170	2225	2228	2232	rVB	53259	62250	3.66%	0.335%
67	14.383	2259	2263	2267	rVB	71992	89347	5.25%	0.481%
68	14.438	2267	2272	2276	rVB	81235	105148	6.18%	0.566%
69	14.481	2276	2279	2284	rVB2	30628	41458	2.44%	0.223%
70	14.542	2284	2289	2295	rBV2	351455	480649	28.26%	2.588%
71	14.676	2307	2311	2317	rBV4	53683	93945	5.52%	0.506%

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ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-53

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
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Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Title : SW846 8260

72	14.737	2317	2321	2325	rVB	69615	87998	5.17%	0.474%
73	14.786	2325	2329	2332	rBV2	21617	27200	1.60%	0.146%
74	14.847	2334	2339	2343	rVV2	429402	580435	34.13%	3.125%
75	14.883	2343	2345	2347	rVV2	35140	40575	2.39%	0.218%
76	14.908	2347	2349	2353	rVB4	32601	41333	2.43%	0.223%
77	14.981	2353	2361	2366	rVB5	26043	59559	3.50%	0.321%
78	15.121	2379	2384	2389	rBV4	17946	28987	1.70%	0.156%
79	15.255	2400	2406	2414	rBV	58158	102475	6.02%	0.552%
80	15.328	2414	2418	2424	rVB3	19027	33831	1.99%	0.182%
81	15.481	2440	2443	2448	rVB	23794	33877	1.99%	0.182%
82	15.560	2451	2456	2460	rBV2	24014	41735	2.45%	0.225%
83	15.603	2460	2463	2468	rVB4	17479	27612	1.62%	0.149%
84	15.694	2469	2478	2482	rBV2	64207	132303	7.78%	0.712%
85	15.816	2492	2498	2503	rBV3	19216	39122	2.30%	0.211%
86	15.895	2507	2511	2513	rVV3	16214	25151	1.48%	0.135%
87	15.932	2513	2517	2521	rVB4	18627	31830	1.87%	0.171%
88	16.078	2537	2541	2545	rBV2	12342	20077	1.18%	0.108%

Sum of corrected areas: 18575646

LSC Report - Integrated Chromatogram

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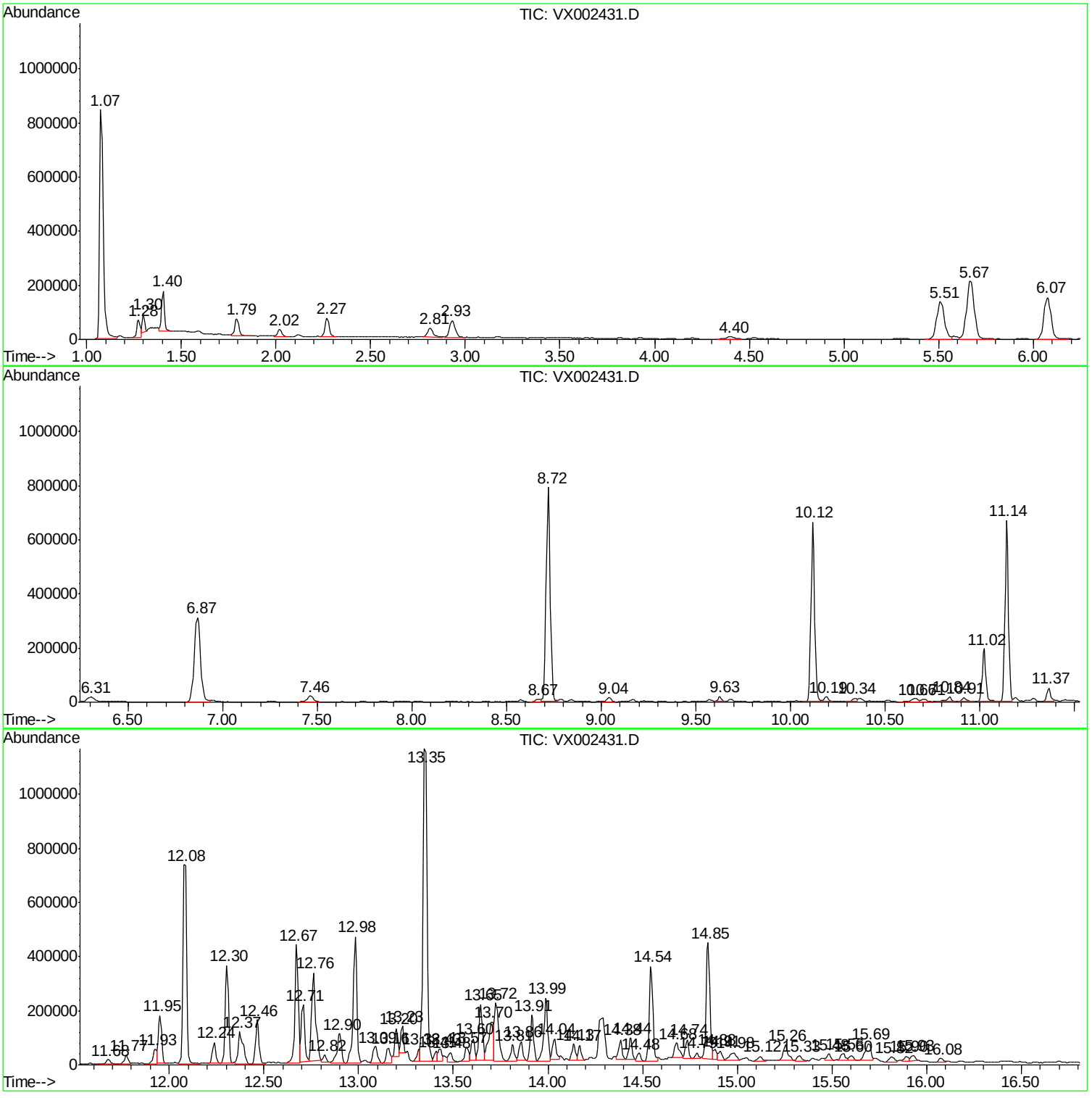
Sample : J3394-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-53

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060918\
Data File : VX002431.D
Acq On : 09 Jun 2018 19:43
Operator : JC/MD
Sample : J3394-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-53

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

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

****

Peak Number 1 Benzene, 1-ethenyl-4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	22.85 ug/l	441157	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	83
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	80
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	64
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	55
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	55

****

Peak Number 2 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	28.28 ug/l	546043	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93

****

Peak Number 3 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	25.33 ug/l	489036	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	86
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	80

****

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

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

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Acq On : 09 Jun 2018 19:43
Operator : JC/MD
Sample : J3394-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-53

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.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.
12.98	31.96 ug/l	617118	1,4-Dichlorobenzene-d4	12.09

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	96
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93

****

Peak Number 5 Benzene, 1-methyl-2-(2-prop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	88.09 ug/l	1700870	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
3	o-Cymene	134	C10H14	000527-84-4	64
4	p-Cymene	134	C10H14	000099-87-6	64
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64

****

Peak Number 6 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	16.61 ug/l	320758	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	17.95 ug/l	346517	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
W-53

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

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

1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	89
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	89
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	86

****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	24.89 ug/l	480649	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	83
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	68

****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	30.06 ug/l	580435	1,4-Dichlorobenzene-d4	12.09

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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	80

Tentatively Identified Compound (LSC) summary

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Sample : J3394-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-53

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.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
Benzene, 1-etheny...	12.30	22.9	ug/l	441157	4	12.09	965389	50.0
o-Cymene	12.67	28.3	ug/l	546043	4	12.09	965389	50.0
Benzene, 1-etheny...	12.76	25.3	ug/l	489036	4	12.09	965389	50.0
Benzene, 1,2,3,4-...	12.98	32.0	ug/l	617118	4	12.09	965389	50.0
Benzene, 1-methyl...	13.35	88.1	ug/l	1700870	4	12.09	965389	50.0
1H-Indene, 2,3-di...	13.72	16.6	ug/l	320758	4	12.09	965389	50.0
1H-Indene, 2,3-di...	13.99	17.9	ug/l	346517	4	12.09	965389	50.0
Naphthalene, 1,2,...	14.54	24.9	ug/l	480649	4	12.09	965389	50.0
Naphthalene, 1-me...	14.85	30.1	ug/l	580435	4	12.09	965389	50.0