LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
Data File : VX002429.D
Acq On : 09 Jun 2018 18:49
Operator : JC/MD
Sample : J3394-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PW-02

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	91	rBV	825648	1102950	35.00%	2.455%
2	1.270	107	112	115	rBV	87012	114228	3.63%	0.254%
3	1.300	115	117	121	rVB	146230	125231	3.97%	0.279%
4	1.404	130	134	140	rVB	477996	466256	14.80%	1.038%
5	1.459	140	143	146	rBV	52413	48978	1.55%	0.109%
6	1.794	193	198	204	rVB	73926	105263	3.34%	0.234%
7	2.020	229	235	244	rVB	411514	595043	18.88%	1.324%
8	2.117	247	251	259	rBV	85637	122048	3.87%	0.272%
9	2.270	270	276	289	rVB	2009624	3102885	98.47%	6.906%
10	2.812	357	365	377	rBV	925973	1734282	55.04%	3.860%
11	2.928	377	384	396	rVB	291552	615330	19.53%	1.369%
12	3.989	551	558	566	rVB3	23091	58497	1.86%	0.130%
13	4.397	609	625	637	rBV2	15666	50400	1.60%	0.112%
14	5.306	764	774	788	rVB2	59450	173353	5.50%	0.386%
15	5.513	796	808	815	rBV	139606	410669	13.03%	0.914%
16	5.580	815	819	825	rVV2	38493	97412	3.09%	0.217%
17	5.672	825	834	851	rVB	215048	607161	19.27%	1.351%
18	6.074	890	900	910	rBV	159493	409758	13.00%	0.912%
19	6.306	925	938	945	rBV2	101401	279176	8.86%	0.621%
20	6.397	945	953	969	rVB2	70506	202380	6.42%	0.450%
21	6.867	1020	1030	1054	rBV	315929	759979	24.12%	1.691%
22	7.464	1118	1128	1136	rVB2	33813	78489	2.49%	0.175%
23	8.720	1328	1334	1340	rVV	781844	1210328	38.41%	2.694%
24	8.787	1340	1345	1352	rVB	334927	505700	16.05%	1.125%
25	10.116	1557	1563	1571	rBV	682734	943380	29.94%	2.100%
26	10.366	1593	1604	1609	rBV	126332	206870	6.57%	0.460%
27	10.701	1655	1659	1669	rVB	64900	90531	2.87%	0.201%
28	11.024	1706	1712	1721	rBV	282467	371321	11.78%	0.826%
29	11.140	1725	1731	1736	rBV	690796	873962	27.74%	1.945%
30	11.366	1762	1768	1773	rBV	354922	450132	14.29%	1.002%
31	11.439	1775	1780	1787	rVV	117630	188211	5.97%	0.419%
32	11.512	1787	1792	1799	rVB	79015	110220	3.50%	0.245%
33	11.671	1808	1818	1826	rBV	117463	173801	5.52%	0.387%
34	11.774	1826	1835	1837	rBV	65149	86639	2.75%	0.193%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
Data File : VX002429.D
Acq On : 09 Jun 2018 18:49
Operator : JC/MD
Sample : J3394-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PW-02

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	11.811	1837	1841	1848	rVB	270974	325810	10.34%	0.725%
36	11.927	1854	1860	1861	rBV	99062	125421	3.98%	0.279%
37	11.951	1861	1864	1869	rVV	241497	299626	9.51%	0.667%
38	12.030	1873	1877	1880	rVV	37996	46542	1.48%	0.104%
39	12.079	1880	1885	1891	rVB	790969	1031072	32.72%	2.295%
40	12.146	1891	1896	1901	rBV	197767	242280	7.69%	0.539%
41	12.238	1906	1911	1916	rVB	99021	122454	3.89%	0.273%
42	12.305	1916	1922	1929	rBV	1637821	2058635	65.33%	4.582%
43	12.372	1929	1933	1943	rVB2	266030	498698	15.83%	1.110%
44	12.463	1943	1948	1954	rBV	277666	365660	11.60%	0.814%
45	12.524	1954	1958	1964	rBV	67192	86673	2.75%	0.193%
46	12.591	1964	1969	1971	rBV	98360	127197	4.04%	0.283%
47	12.615	1971	1973	1976	rVV	77889	72556	2.30%	0.161%
48	12.670	1976	1982	1985	rVV	1153604	1362677	43.25%	3.033%
49	12.707	1985	1988	1992	rVV	326565	392280	12.45%	0.873%
50	12.762	1992	1997	2004	rVV2	842488	1274203	40.44%	2.836%
51	12.902	2014	2020	2025	rVB2	227204	346771	11.00%	0.772%
52	12.981	2025	2033	2037	rBV	945035	1192010	37.83%	2.653%
53	13.024	2037	2040	2046	rVB2	195431	256865	8.15%	0.572%
54	13.091	2046	2051	2056	rBV3	117339	215506	6.84%	0.480%
55	13.152	2059	2061	2065	rBV	79508	88607	2.81%	0.197%
56	13.201	2065	2069	2071	rBV2	170807	219987	6.98%	0.490%
57	13.231	2071	2074	2077	rVB	337266	363960	11.55%	0.810%
58	13.317	2084	2088	2089	rBV2	131990	156875	4.98%	0.349%
59	13.353	2089	2094	2100	rVV2	2131126	3151062	100.00%	7.013%
60	13.408	2100	2103	2105	rVV2	88512	131171	4.16%	0.292%
61	13.432	2105	2107	2110	rVV	98029	115749	3.67%	0.258%
62	13.487	2111	2116	2123	rVB	488951	680973	21.61%	1.516%
63	13.567	2124	2129	2132	rBV2	115866	175510	5.57%	0.391%
64	13.603	2132	2135	2138	rVV	249403	335939	10.66%	0.748%
65	13.646	2138	2142	2146	rVV2	382008	608186	19.30%	1.354%
66	13.701	2146	2151	2152	rVV2	242721	363646	11.54%	0.809%
67	13.725	2152	2155	2165	rVV2	435937	696793	22.11%	1.551%
68	13.810	2165	2169	2172	rVV	90053	127605	4.05%	0.284%
69	13.859	2172	2177	2181	rVV3	142135	246478	7.82%	0.549%
70	13.914	2181	2186	2191	rVB	325673	435466	13.82%	0.969%
71	13.987	2191	2198	2203	rBV2	421033	668518	21.22%	1.488%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
Data File : VX002429.D
Acq On : 09 Jun 2018 18:49
Operator : JC/MD
Sample : J3394-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PW-02

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

72	14.030	2203	2205	2209	rVV	158876	204087	6.48%	0.454%
73	14.097	2213	2216	2219	rVV2	65037	62887	2.00%	0.140%
74	14.140	2219	2223	2226	rVV	217322	281917	8.95%	0.627%
75	14.170	2226	2228	2234	rVV3	69271	75830	2.41%	0.169%
76	14.292	2241	2248	2255	rVV	700550	1201780	38.14%	2.675%
77	14.383	2259	2263	2267	rVV	161489	200014	6.35%	0.445%
78	14.432	2267	2271	2276	rVV	254299	340477	10.81%	0.758%
79	14.481	2276	2279	2284	rVB2	62745	93056	2.95%	0.207%
80	14.542	2284	2289	2299	rBV2	628351	919214	29.17%	2.046%
81	14.676	2307	2311	2313	rBV2	247213	325101	10.32%	0.724%
82	14.700	2313	2315	2318	rVV	225932	250475	7.95%	0.557%
83	14.737	2318	2321	2325	rVB	179150	216946	6.88%	0.483%
84	14.792	2325	2330	2331	rBV2	62731	78171	2.48%	0.174%
85	14.841	2331	2338	2343	rVV	1641227	2320570	73.64%	5.165%
86	14.883	2343	2345	2347	rVV2	104618	118334	3.76%	0.263%
87	14.908	2347	2349	2353	rVB2	89061	110595	3.51%	0.246%
88	14.969	2355	2359	2366	rVB3	78346	145935	4.63%	0.325%
89	15.115	2378	2383	2388	rBV2	39534	63890	2.03%	0.142%
90	15.255	2401	2406	2409	rBV	207640	335660	10.65%	0.747%
91	15.335	2414	2419	2425	rVB6	40852	107217	3.40%	0.239%
92	15.450	2434	2438	2441	rBV	76748	112035	3.56%	0.249%
93	15.481	2441	2443	2448	rVB	66748	85406	2.71%	0.190%
94	15.560	2450	2456	2460	rBV3	286614	468749	14.88%	1.043%
95	15.694	2468	2478	2482	rBV	354632	606948	19.26%	1.351%
96	15.731	2482	2484	2492	rVB	166393	227734	7.23%	0.507%
97	15.816	2492	2498	2505	rBV3	42861	101581	3.22%	0.226%
98	15.926	2507	2516	2521	rBV	104638	241914	7.68%	0.538%
99	16.078	2536	2541	2545	rBV	61762	102229	3.24%	0.228%
100	16.176	2553	2557	2565	rBV5	22480	52164	1.66%	0.116%

Sum of corrected areas: 44931240

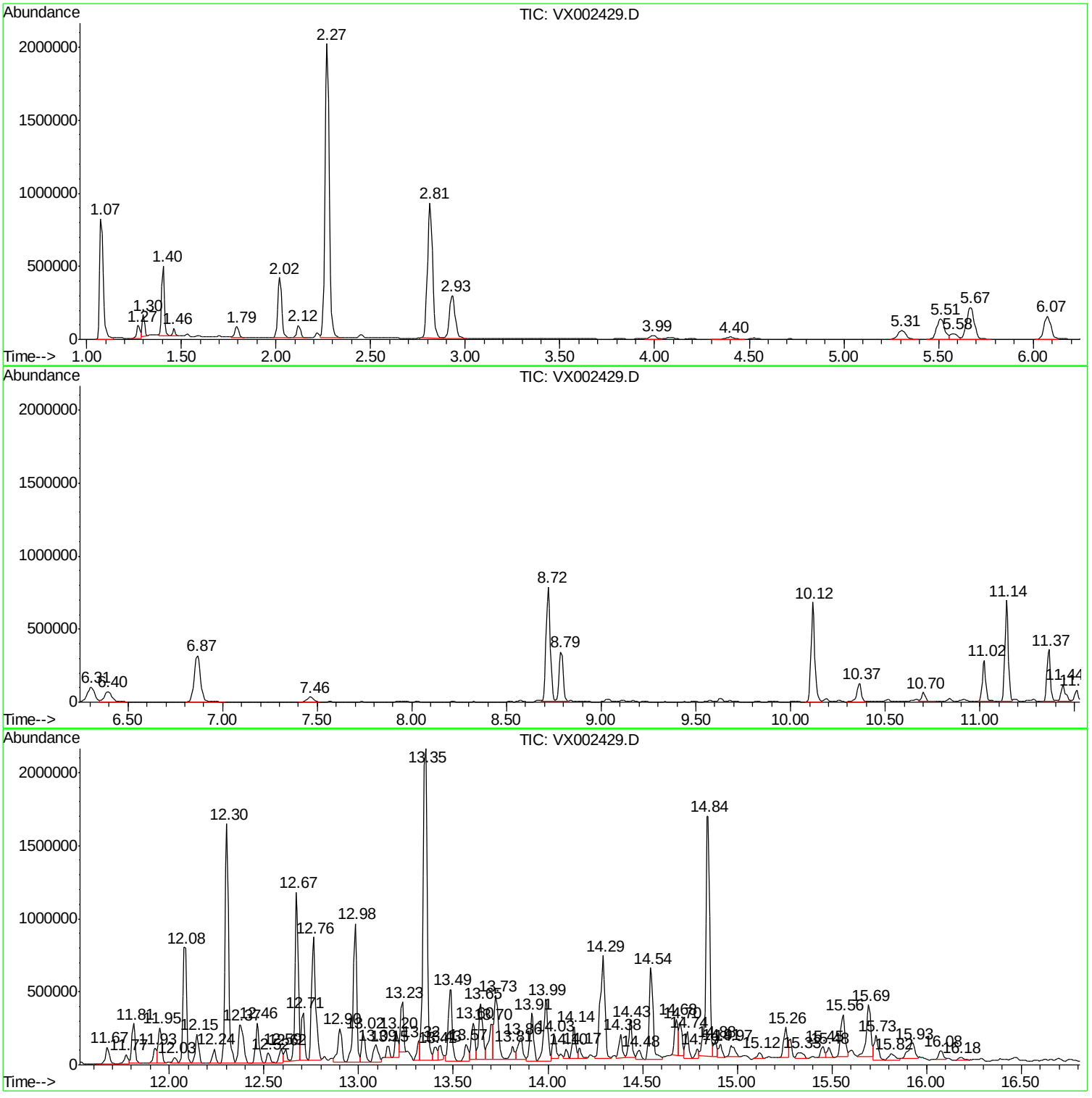
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060918\
Data File : VX002429.D
Acq On : 09 Jun 2018 18:49
Operator : JC/MD
Sample : J3394-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PW-02

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 : VX002429.D
Acq On : 09 Jun 2018 18:49
Operator : JC/MD
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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PW-02

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 Cyclopropane, 1,2-dimethyl-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.27	255.52 ug/l	3102890	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83
4	2-Pentene, (Z)-	70	C5H10	000627-20-3	81
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80

****

Peak Number 2 Cyclopentene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.81	142.82 ug/l	1734280	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene	68	C5H8	000142-29-0	91
2	Cyclopropane, methylmethylene-	68	C5H8	018631-84-0	91
3	2,3-Diazabicyclo[2.2.1]-hept-2-ene	96	C5H8N2	002721-32-6	78
4	Bicyclo[2.1.0]pentane	68	C5H8	000185-94-4	72
5	Cyclopropane, ethylidene-	68	C5H8	018631-83-9	59

****

Peak Number 3 Benzene, 1-ethenyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	99.83 ug/l	2058640	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
2	Indane	118	C9H10	000496-11-7	76
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
5	Deltacyclene	118	C9H10	007785-10-6	52

****

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

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060918\
Data File : VX002429.D
Acq On : 09 Jun 2018 18:49
Operator : JC/MD
Sample : J3394-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PW-02

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.
12.67	66.08 ug/l	1362680	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95

****

Peak Number 5 Indan, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	61.79 ug/l	1274200	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87

****

Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	57.80 ug/l	1192010	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	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	o-Cymene	134	C10H14	000527-84-4	94

****

Peak Number 7 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	152.81 ug/l	3151060	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060918\
Data File : VX002429.D
Acq On : 09 Jun 2018 18:49
Operator : JC/MD
Sample : J3394-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PW-02

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	1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	94
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87

****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	58.28 ug/l	1201780	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	112.53 ug/l	2320570	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	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	64

Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060918\
Data File : VX002429.D
Acq On : 09 Jun 2018 18:49
Operator : JC/MD
Sample : J3394-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PW-02

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
Cyclopropane, 1,2...	2.27	255.5	ug/l	3102890	1	5.67	607161	50.0
Cyclopentene	2.81	142.8	ug/l	1734280	1	5.67	607161	50.0
Benzene, 1-etheny...	12.30	99.8	ug/l	2058640	4	12.09	1031070	50.0
Benzene, 4-ethyl-...	12.67	66.1	ug/l	1362680	4	12.09	1031070	50.0
Indan, 1-methyl-	12.76	61.8	ug/l	1274200	4	12.09	1031070	50.0
Benzene, 1,2,3,4-...	12.98	57.8	ug/l	1192010	4	12.09	1031070	50.0
1-Phenyl-1-butene	13.35	152.8	ug/l	3151060	4	12.09	1031070	50.0
Naphthalene, 1,2,...	14.29	58.3	ug/l	1201780	4	12.09	1031070	50.0
Naphthalene, 1-me...	14.84	112.5	ug/l	2320570	4	12.09	1031070	50.0