LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\
Data File : VX002010.D
Acq On : 26 May 2018 06:48
Operator : JC/MD
Sample : J3065-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-21

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 : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.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	3159507	3705320	100.00%	23.923%
2	1.392	125	132	134	rBV3	18168	41608	1.12%	0.269%
3	3.081	401	409	420	rVB	286330	622921	16.81%	4.022%
4	3.209	426	430	440	rVB3	16198	40387	1.09%	0.261%
5	4.452	623	634	646	rBV2	15710	48298	1.30%	0.312%
6	5.513	795	808	823	rBV	250189	719185	19.41%	4.643%
7	5.672	823	834	850	rVB	271794	769502	20.77%	4.968%
8	6.074	891	900	918	rVB	278766	722079	19.49%	4.662%
9	6.866	1020	1030	1042	rBV	431036	1009288	27.24%	6.516%
10	8.720	1327	1334	1352	rBV	1275532	1979049	53.41%	12.778%
11	10.116	1557	1563	1578	rBV	887060	1238187	33.42%	7.994%
12	11.024	1706	1712	1716	rBV	47957	65988	1.78%	0.426%
13	11.140	1726	1731	1738	rBV	1068345	1425950	38.48%	9.207%
14	11.951	1861	1864	1868	rBV	35661	40330	1.09%	0.260%
15	12.085	1879	1886	1891	rBV	1066530	1330129	35.90%	8.588%
16	12.305	1914	1922	1927	rBV	197569	259974	7.02%	1.679%
17	12.463	1943	1948	1952	rBV	35686	47094	1.27%	0.304%
18	12.676	1978	1983	1985	rBV	68230	87039	2.35%	0.562%
19	12.707	1985	1988	1993	rVV	107291	152660	4.12%	0.986%
20	12.762	1993	1997	2003	rVB	103191	129846	3.50%	0.838%
21	12.902	2010	2020	2024	rBV2	22177	50902	1.37%	0.329%
22	12.981	2026	2033	2037	rBV	62679	98059	2.65%	0.633%
23	13.091	2047	2051	2056	rVB2	30722	47709	1.29%	0.308%
24	13.231	2070	2074	2083	rBV	175167	216808	5.85%	1.400%
25	13.353	2089	2094	2099	rVB2	185133	259879	7.01%	1.678%
26	13.701	2145	2151	2153	rBV3	25360	40458	1.09%	0.261%
27	13.743	2153	2158	2163	rVB2	47588	80860	2.18%	0.522%
28	14.292	2238	2248	2252	rBV3	41251	89977	2.43%	0.581%
29	14.438	2267	2272	2277	rBV5	20958	39125	1.06%	0.253%
30	14.548	2285	2290	2298	rBV2	34421	60681	1.64%	0.392%
31	14.847	2334	2339	2343	rBV4	35585	68920	1.86%	0.445%

Sum of corrected areas: 15488212

LSC Report - Integrated Chromatogram

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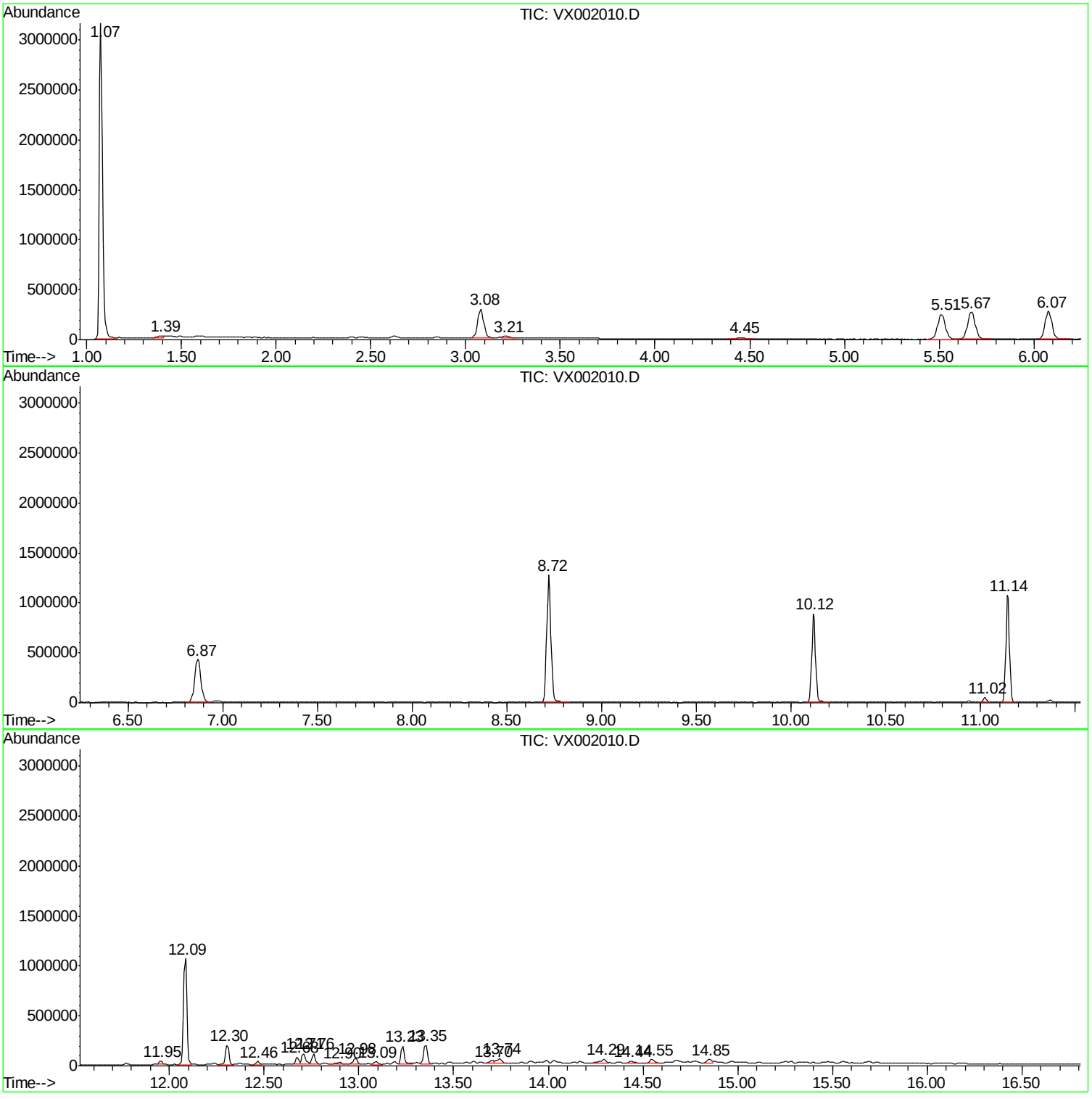
Instrument : MSVOA_X
ClientSampleId : MW-21

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260

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



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Peak Number 1 Benzene, 1-propenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	9.77 ug/l	259974	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	86
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	83
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64

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Peak Number 2 (E)-1-Phenyl-1-butene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	5.74 ug/l	152660	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	94
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	93
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	93
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	8.15 ug/l	216808	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90

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Peak Number 4 2,4-Dimethylstyrene Concentration Rank 3

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

Library Search Compound Report

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MSVOA_X
ClientSampleId :
MW-21

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260

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

13.35 9.77 ug/l 259879 1,4-Dichlorobenzene-d4 12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	74
2	o-Cymene	134	C10H14	000527-84-4	55
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	50
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	50

Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-propenyl-	12.30	9.8	ug/l	259974	4	12.09	1330130	50.0
(E)-1-Phenyl-1-bu...	12.71	5.7	ug/l	152660	4	12.09	1330130	50.0
Benzene, 2-etheny...	13.23	8.2	ug/l	216808	4	12.09	1330130	50.0
2,4-Dimethylstyrene	13.35	9.8	ug/l	259879	4	12.09	1330130	50.0