LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062418\
Data File : VD058376.D
Acq On : 24 Jun 2018 17:18
Operator : VA/AP
Sample : J3671-18
Misc : 6.62g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WP021SB481-17-19-180621

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_D\METHOD\82D061918S.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	1.214	92	100	102	rBV	1133573	2306726	7.60%	2.782%
2	1.273	102	106	126	rVB	1921082	6259424	20.63%	7.550%
3	4.807	458	465	480	rBV3	121525	338366	1.12%	0.408%
4	5.565	533	542	546	rBV	541760	1532491	5.05%	1.849%
5	5.653	546	551	567	rVB	738644	2118729	6.98%	2.556%
6	6.027	582	589	605	rBV	1641179	4415761	14.55%	5.326%
7	6.697	652	657	669	rBV	963003	2416096	7.96%	2.914%
8	8.715	853	862	869	rBV	1267577	3012034	9.93%	3.633%
9	9.542	941	946	957	rVB	153794	390335	1.29%	0.471%
10	10.743	1060	1068	1077	rVV	12953725	30340463	100.00%	36.598%
11	10.861	1077	1080	1087	rVB	191149	415680	1.37%	0.501%
12	11.373	1128	1132	1134	rBV2	148370	340793	1.12%	0.411%
13	11.599	1152	1155	1158	rVB	261333	383082	1.26%	0.462%
14	11.688	1158	1164	1170	rBV4	376555	950060	3.13%	1.146%
15	11.777	1170	1173	1177	rVB	234426	358234	1.18%	0.432%
16	11.875	1177	1183	1185	rBV3	190388	532621	1.76%	0.642%
17	11.934	1185	1189	1193	rBV	1728064	2591962	8.54%	3.127%
18	12.092	1203	1205	1209	rVB2	244448	403956	1.33%	0.487%
19	12.160	1209	1212	1214	rVB	300241	366202	1.21%	0.442%
20	12.269	1221	1223	1226	rBV2	249441	380932	1.26%	0.459%
21	12.318	1226	1228	1231	rVV2	347764	608586	2.01%	0.734%
22	12.476	1240	1244	1246	rBV	462647	807005	2.66%	0.973%
23	12.574	1251	1254	1256	rBV	306285	633545	2.09%	0.764%
24	12.633	1258	1260	1262	rVV	410558	576666	1.90%	0.696%
25	12.741	1268	1271	1278	rBV2	706287	1757980	5.79%	2.121%
26	12.840	1278	1281	1284	rBV2	833415	1287884	4.24%	1.553%
27	12.928	1284	1290	1295	rVB4	2324891	5987309	19.73%	7.222%
28	13.027	1298	1300	1305	rVB	337951	497507	1.64%	0.600%
29	13.106	1305	1308	1310	rBV	431863	639394	2.11%	0.771%
30	13.135	1310	1311	1313	rVB	408254	360735	1.19%	0.435%
31	13.194	1313	1317	1321	rBV2	1828242	3467695	11.43%	4.183%
32	13.381	1334	1336	1337	rBV	323074	373434	1.23%	0.450%
33	13.460	1342	1344	1346	rVV2	700806	870218	2.87%	1.050%
34	13.539	1349	1352	1357	rVV3	645355	1622628	5.35%	1.957%

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Title : SW846 8260

35	13.627	1357	1361	1363	rVV2	274414	440356	1.45%	0.531%
36	13.667	1363	1365	1369	rVV2	332262	691597	2.28%	0.834%
37	13.745	1372	1373	1375	rVV	366981	411993	1.36%	0.497%
38	13.785	1375	1377	1379	rVV	440941	533877	1.76%	0.644%
39	13.834	1379	1382	1385	rVV2	210896	309815	1.02%	0.374%
40	14.070	1404	1406	1409	rBV	310229	390943	1.29%	0.472%
41	14.523	1449	1452	1455	rBV	644432	779165	2.57%	0.940%

Sum of corrected areas: 82902279

LSC Report - Integrated Chromatogram

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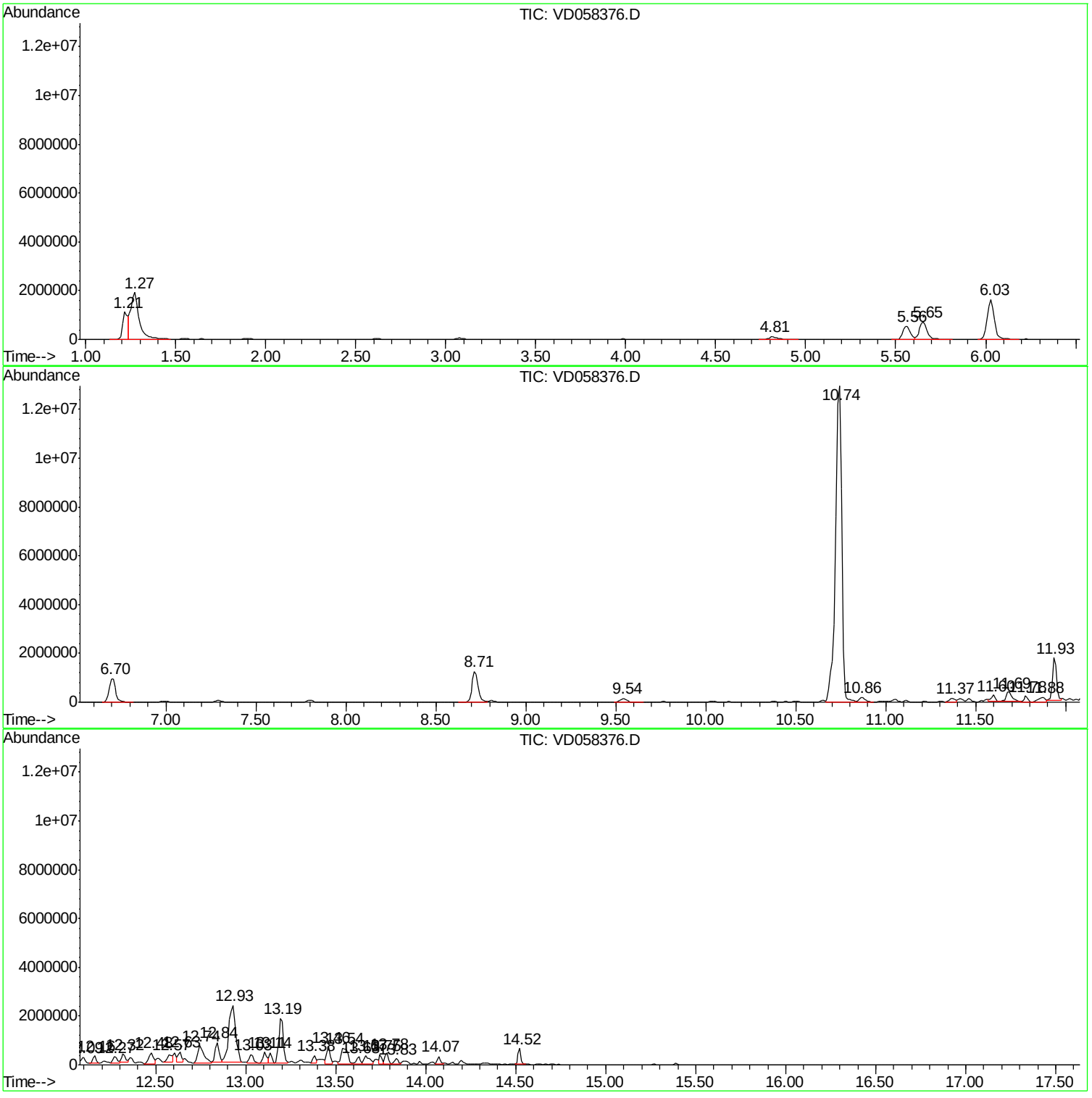
MSVOA_D
ClientSampleId :
WP021SB481-17-19-180621

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

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



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Instrument : MSVOA_D
ClientSampleId : WP021SB481-17-19-180621

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.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-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	6.74 ug/l	807005	1,4-Dichlorobenzene-d4	12.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91

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Peak Number 2 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	5.34 ug/l	639394	1,4-Dichlorobenzene-d4	12.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	60
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	58
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	43

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Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	7.27 ug/l	870218	1,4-Dichlorobenzene-d4	12.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91

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Peak Number 4 Benzene, 1-methyl-3-(1-meth... Concentration Rank 3

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

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Instrument :
MSVOA_D
ClientSampleId :
WP021SB481-17-19-180621

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.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.
13.54	13.55 ug/l	1622630	1,4-Dichlorobenzene-d4	12.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
2	p-Cymene	134	C10H14	000099-87-6	60
3	o-Cymene	134	C10H14	000527-84-4	60
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	55
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	55

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Peak Number 5 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	5.78 ug/l	691597	1,4-Dichlorobenzene-d4	12.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	81
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
3	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	72
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	64
5	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	59

Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.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-ethyl-...	12.48	6.7	ug/l	807005	4	12.92	5987310	50.0
Benzene, 1,2-diet...	13.11	5.3	ug/l	639394	4	12.92	5987310	50.0
Benzene, 2-ethyl-...	13.46	7.3	ug/l	870218	4	12.92	5987310	50.0
Benzene, 1-methyl...	13.54	13.6	ug/l	1622630	4	12.92	5987310	50.0
1H-Indene, 2,3-di...	13.67	5.8	ug/l	691597	4	12.92	5987310	50.0