

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092115\
 Data File : VD046811.D
 Acq On : 21 Sep 2015 17:04
 Operator : FY/SY
 Sample : G3748-01
 Misc : 8.44qm/5mL/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MGP202-30-32

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.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	1.276	73	76	80	rBV	503953	927298	5.63%	2.042%
2	6.194	569	575	580	rBV	119911	294069	1.78%	0.648%
3	6.293	580	585	592	rVB	172819	413096	2.51%	0.910%
4	6.697	616	626	633	rBV	104007	252306	1.53%	0.556%
5	7.417	693	699	707	rBV	236228	523204	3.17%	1.152%
6	9.605	915	921	927	rBV	287177	628445	3.81%	1.384%
7	11.566	1115	1120	1126	rBV	325559	598769	3.63%	1.319%
8	11.714	1131	1135	1143	rBV	1226428	2174660	13.19%	4.789%
9	12.661	1227	1231	1240	rVB	1773435	2760510	16.75%	6.079%
10	12.838	1245	1249	1254	rBV	278613	443831	2.69%	0.977%
11	13.577	1320	1324	1329	rBV	563255	877292	5.32%	1.932%
12	13.814	1344	1348	1354	rBV	3630480	6009862	36.46%	13.235%
13	13.903	1354	1357	1359	rVV	308901	510348	3.10%	1.124%
14	13.942	1359	1361	1364	rVB	333310	468425	2.84%	1.032%
15	14.120	1375	1379	1384	rBV	9857804	16483488	100.00%	36.299%
16	14.307	1394	1398	1403	rBV	6485708	10802199	65.53%	23.788%
17	14.790	1442	1447	1450	rBV2	191534	372900	2.26%	0.821%
18	14.888	1453	1457	1462	rVV	171362	336611	2.04%	0.741%
19	15.815	1545	1551	1557	rBV	265606	532588	3.23%	1.173%

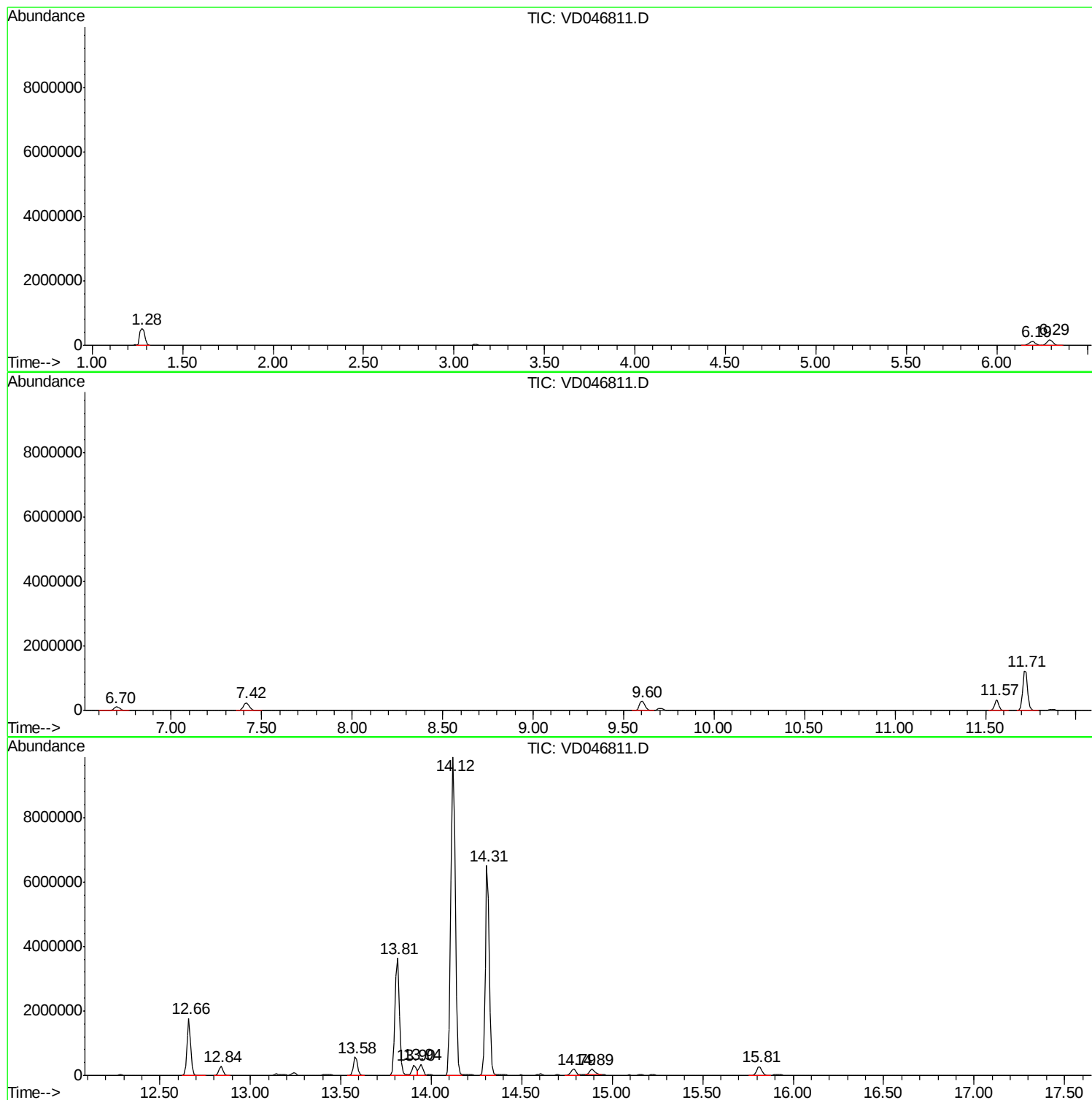
Sum of corrected areas: 45409901

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Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Peak Number 1 Benzofuran Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	588.80 ug/l	6009860	1,4-Dichlorobenzene-d4	13.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzofuran	118 C8H6O	000271-89-6 94
2		3-Hydroxyphenylacetylene	118 C8H6O	010401-11-3 93
3		2H-Cyclopenta[d]pyridazine	118 C7H6N2	000270-64-4 53
4		1H-Benzimidazole	118 C7H6N2	000051-17-2 35
5		1H-Pyrrolo[2,3-b]pyridine	118 C7H6N2	000271-63-6 35

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	1614.93 ug/l	16483500	1,4-Dichlorobenzene-d4	13.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethenyl-2-methyl-	118 C9H10	000611-15-4 91
2		Indane	118 C9H10	000496-11-7 81
3		Benzene, 1-propenyl-	118 C9H10	000637-50-3 76
4		Benzene, cyclopropyl-	118 C9H10	000873-49-4 68
5		Benzene, 2-propenyl-	118 C9H10	000300-57-2 64

Peak Number 3 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	1058.32 ug/l	10802200	1,4-Dichlorobenzene-d4	13.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Indene	116 C9H8	000095-13-6 94
2		Benzene, 1-propynyl-	116 C9H8	000673-32-5 91
3		Benzene, 1-ethynyl-4-methyl-	116 C9H8	000766-97-2 78
4		1-Propyne, 3-phenyl-	116 C9H8	010147-11-2 56
5		1H-Indene, 1-chloro-2,3-dihydro-	152 C9H9Cl	035275-62-8 49

Peak Number 4 3-Phenyl-2-propyn-1-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
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14.79	36.53 ug/l	372900	1,4-Dichlorobenzene-d4		13.90	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual

1		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	86
2		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	86
3		Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	64
4		2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	60
5		Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	55

Peak Number 5 Benzofuran, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.89	32.98 ug/l	336611	1,4-Dichlorobenzene-d4		13.90	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	95
2		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	94
3		Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
4		Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	90
5		2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzofuran	13.81	588.8	ug/l	6009860	4	13.90	510348	50.0
Benzene, 1-etheny...	14.12	1614.9	ug/l	16483500	4	13.90	510348	50.0
Indene	14.31	1058.3	ug/l	10802200	4	13.90	510348	50.0
3-Phenyl-2-propyn...	14.79	36.5	ug/l	372900	4	13.90	510348	50.0
Benzofuran, 2-met...	14.89	33.0	ug/l	336611	4	13.90	510348	50.0