

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062418\
 Data File : VD058375.D
 Acq On : 24 Jun 2018 16:50
 Operator : VA/AP
 Sample : J3671-17
 Misc : 6.54g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB481-15-17-180621

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 : 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	1.223	94	101	103	rBV	1207718	2902930	8.37%	1.777%
2	1.273	103	106	120	rVB	1825699	5294418	15.26%	3.241%
3	1.558	130	135	146	rBV	186912	433076	1.25%	0.265%
4	4.817	459	466	495	rBV	2908158	9023720	26.02%	5.525%
5	5.565	535	542	546	rBV	557748	1527096	4.40%	0.935%
6	5.653	546	551	566	rVB	693733	2019853	5.82%	1.237%
7	6.027	582	589	602	rBV	823902	2204189	6.35%	1.349%
8	6.697	652	657	668	rBV	861988	2196848	6.33%	1.345%
9	7.297	709	718	726	rBV	144282	437562	1.26%	0.268%
10	8.715	853	862	869	rBV	1363184	3180855	9.17%	1.947%
11	10.743	1060	1068	1077	rVV	14289865	34686581	100.00%	21.237%
12	10.871	1077	1081	1087	rVB	326307	703357	2.03%	0.431%
13	11.107	1102	1105	1112	rVB2	383528	666546	1.92%	0.408%
14	11.373	1127	1132	1134	rBV2	334383	774269	2.23%	0.474%
15	11.412	1134	1136	1139	rVV2	301483	558812	1.61%	0.342%
16	11.461	1139	1141	1145	rVV	290672	517404	1.49%	0.317%
17	11.570	1149	1152	1153	rVV	197997	409140	1.18%	0.250%
18	11.599	1153	1155	1158	rVV	618323	883747	2.55%	0.541%
19	11.688	1158	1164	1170	rVV4	792303	2192270	6.32%	1.342%
20	11.777	1170	1173	1177	rVV	415875	672243	1.94%	0.412%
21	11.875	1177	1183	1185	rVV3	464245	1278392	3.69%	0.783%
22	11.934	1185	1189	1192	rVV	2205481	3939592	11.36%	2.412%
23	11.973	1192	1193	1196	rVV2	484065	680269	1.96%	0.416%
24	12.023	1196	1198	1199	rVV	252026	350368	1.01%	0.215%
25	12.052	1199	1201	1203	rVV	611066	1014839	2.93%	0.621%
26	12.092	1203	1205	1209	rVV2	476748	1012922	2.92%	0.620%
27	12.160	1209	1212	1214	rVV	682642	1012591	2.92%	0.620%
28	12.210	1214	1217	1221	rVV3	326611	915491	2.64%	0.561%
29	12.279	1221	1224	1225	rVV2	472790	846633	2.44%	0.518%
30	12.318	1225	1228	1230	rVV2	696451	1327011	3.83%	0.812%
31	12.367	1230	1233	1236	rVV	1956998	3103339	8.95%	1.900%
32	12.416	1236	1238	1240	rVV2	266868	433089	1.25%	0.265%
33	12.475	1240	1244	1246	rVV	1620885	2756942	7.95%	1.688%
34	12.515	1246	1248	1251	rVV2	681010	1359876	3.92%	0.833%

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35	12.574	1251	1254	1255	rVV2	897710	1722138	4.96%	1.054%
36	12.603	1255	1257	1261	rVV2	1436693	2826199	8.15%	1.730%
37	12.663	1261	1263	1268	rVV2	746967	1572538	4.53%	0.963%
38	12.741	1268	1271	1278	rVV3	1470386	4488466	12.94%	2.748%
39	12.840	1278	1281	1286	rVV2	2018750	4337482	12.50%	2.656%
40	12.928	1286	1290	1295	rVV2	7119435	14360549	41.40%	8.792%
41	12.997	1295	1297	1298	rVV	411022	582078	1.68%	0.356%
42	13.037	1298	1301	1305	rVV2	832568	1827892	5.27%	1.119%
43	13.105	1306	1308	1310	rVV2	330924	608718	1.75%	0.373%
44	13.204	1313	1318	1322	rVV	14847512	28162677	81.19%	17.242%
45	13.302	1325	1328	1331	rVV2	1197455	2202943	6.35%	1.349%
46	13.342	1331	1332	1334	rVV2	303143	419841	1.21%	0.257%
47	13.421	1334	1340	1341	rVV2	453297	1200721	3.46%	0.735%
48	13.450	1341	1343	1346	rVV3	550764	1053071	3.04%	0.645%
49	13.539	1349	1352	1357	rVV2	1339513	2265901	6.53%	1.387%
50	13.627	1357	1361	1363	rVV2	333042	605765	1.75%	0.371%
51	13.667	1363	1365	1369	rVV2	853315	1704373	4.91%	1.043%
52	13.726	1369	1371	1375	rVV3	337733	897123	2.59%	0.549%
53	14.198	1416	1419	1423	rVB3	303746	468240	1.35%	0.287%
54	14.346	1429	1434	1437	rBV	507956	711673	2.05%	0.436%

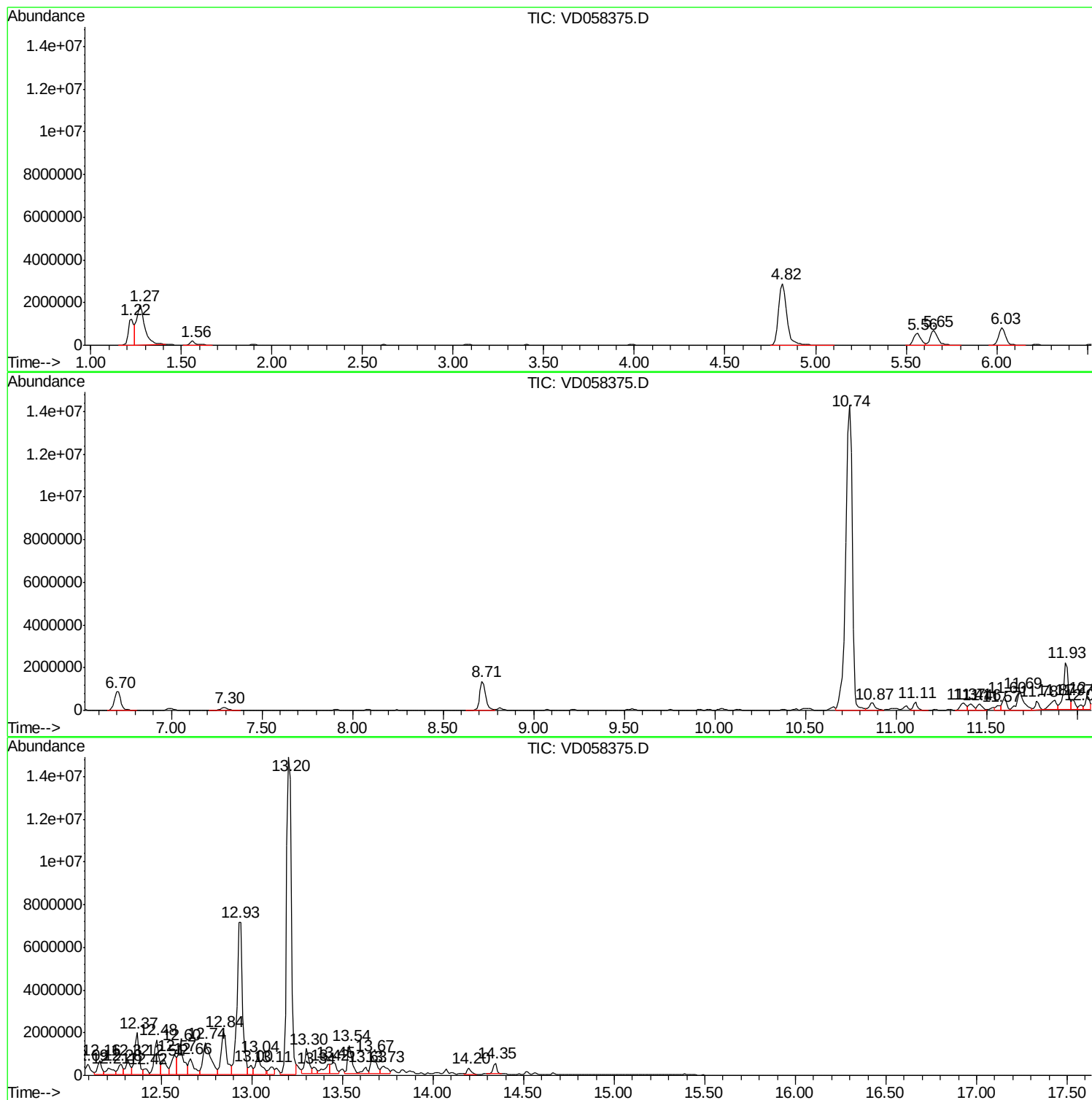
Sum of corrected areas: 163334658

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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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	9.60 ug/l	2756940	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 95
2		Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4 91
3		Mesitylene	120 C9H12	000108-67-8 91
4		Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8 91
5		Benzene, 1-ethyl-4-methyl-	120 C9H12	000622-96-8 91

 Peak Number 2 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	6.36 ug/l	1827890	1,4-Dichlorobenzene-d4	12.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 95
2		p-Cymene	134 C10H14	000099-87-6 94
3		Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3 90
4		Benzene, 1,2,3,4-tetramethyl-	134 C10H14	000488-23-3 90
5		Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2 90

 Peak Number 3 Undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	7.67 ug/l	2202940	1,4-Dichlorobenzene-d4	12.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Undecane	156 C11H24	001120-21-4 60
2		Undecane, 2-methyl-	170 C12H26	007045-71-8 47
3		1-Iodo-2-methylundecane	296 C12H25I	073105-67-6 47
4		Decane, 6-ethyl-2-methyl-	184 C13H28	062108-21-8 47
5		Heptane, 2,6-dimethyl-	128 C9H20	001072-05-5 43

 Peak Number 4 p-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
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13.54	7.89 ug/l	2265900	1,4-Dichlorobenzene-d4	12.92
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		p-Cymene	134 C10H14	000099-87-6 55
2		Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3 49
3		Benzene, 1,2,3,4-tetramethyl-	134 C10H14	000488-23-3 49
4		o-Cymene	134 C10H14	000527-84-4 46
5		Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9 43

Peak Number 5 Benzene, (1-methyl-1-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	5.93 ug/l	1704370	1,4-Dichlorobenzene-d4	12.92
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (1-methyl-1-butenyl)-	146 C11H14	053172-84-2 86
2		1H-Indene, 2,3-dihydro-1,1-dimet...	146 C11H14	004912-92-9 64
3		Benzene, 1-methyl-4-(1-methyl-2-...	146 C11H14	097664-18-1 60
4		1H-Indole, 1-methyl-	131 C9H9N	000603-76-9 49
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146 C11H14	017057-82-8 46

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethyl-...	12.48	9.6	ug/l	2756940	4	12.92	14360500	50.0
o-Cymene	13.04	6.4	ug/l	1827890	4	12.92	14360500	50.0
Undecane	13.30	7.7	ug/l	2202940	4	12.92	14360500	50.0
p-Cymene	13.54	7.9	ug/l	2265900	4	12.92	14360500	50.0
Benzene, (1-methy...	13.67	5.9	ug/l	1704370	4	12.92	14360500	50.0