

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062418\
 Data File : VD058377.D
 Acq On : 24 Jun 2018 17:46
 Operator : VA/AP
 Sample : J3671-19
 Misc : 6.53g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB481-19-21-180621

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	1.211	93	100	102	rBV	1321762	2638021	6.90%	2.641%
2	1.270	102	106	123	rVB	2124084	6932292	18.14%	6.941%
3	1.556	130	135	141	rBV	286583	599984	1.57%	0.601%
4	4.814	460	466	480	rBV3	117018	424094	1.11%	0.425%
5	5.563	535	542	546	rBV	507509	1408838	3.69%	1.411%
6	5.651	546	551	567	rVB	787413	2260967	5.92%	2.264%
7	6.025	583	589	600	rBV	1982962	5332095	13.96%	5.339%
8	6.704	652	658	670	rVB	991853	2449534	6.41%	2.453%
9	7.295	707	718	726	rBV	156115	509497	1.33%	0.510%
10	8.723	857	863	869	rBV	1115629	2711691	7.10%	2.715%
11	9.540	934	946	957	rBV	290049	776952	2.03%	0.778%
12	10.741	1060	1068	1078	rVV	14548924	38206905	100.00%	38.256%
13	10.869	1078	1081	1088	rVV	157382	440227	1.15%	0.441%
14	11.371	1128	1132	1134	rBV2	302096	653216	1.71%	0.654%
15	11.410	1134	1136	1139	rVV2	215832	399603	1.05%	0.400%
16	11.597	1153	1155	1158	rVB	450594	621625	1.63%	0.622%
17	11.686	1158	1164	1170	rBV4	576900	1466850	3.84%	1.469%
18	11.774	1170	1173	1177	rVB	428465	745919	1.95%	0.747%
19	11.873	1177	1183	1185	rBV4	314525	943496	2.47%	0.945%
20	11.942	1185	1190	1193	rVB	1547113	2334389	6.11%	2.337%
21	12.099	1203	1206	1210	rVB2	312850	567547	1.49%	0.568%
22	12.217	1214	1218	1221	rBV3	212990	480092	1.26%	0.481%
23	12.276	1221	1224	1226	rBV	345842	580397	1.52%	0.581%
24	12.355	1230	1232	1235	rVB	354680	553690	1.45%	0.554%
25	12.473	1240	1244	1246	rBV2	607226	1060503	2.78%	1.062%
26	12.582	1251	1255	1256	rBV3	555602	1016218	2.66%	1.018%
27	12.660	1261	1263	1266	rVV2	419197	760533	1.99%	0.762%
28	12.739	1268	1271	1278	rVV4	1431152	3894976	10.19%	3.900%
29	12.837	1278	1281	1286	rVV4	812382	1891807	4.95%	1.894%
30	12.926	1286	1290	1295	rVV2	2811177	6458891	16.91%	6.467%
31	13.034	1298	1301	1304	rVV	776661	1206946	3.16%	1.208%
32	13.202	1314	1318	1324	rBV	4070218	5944068	15.56%	5.952%
33	13.300	1324	1328	1331	rVV4	179132	450677	1.18%	0.451%
34	13.428	1335	1341	1346	rVB3	339604	936487	2.45%	0.938%

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35	13.536	1350	1352	1357	rVB3	614509	1046513	2.74%	1.048%
36	13.664	1363	1365	1369	rVV2	482327	1166737	3.05%	1.168%

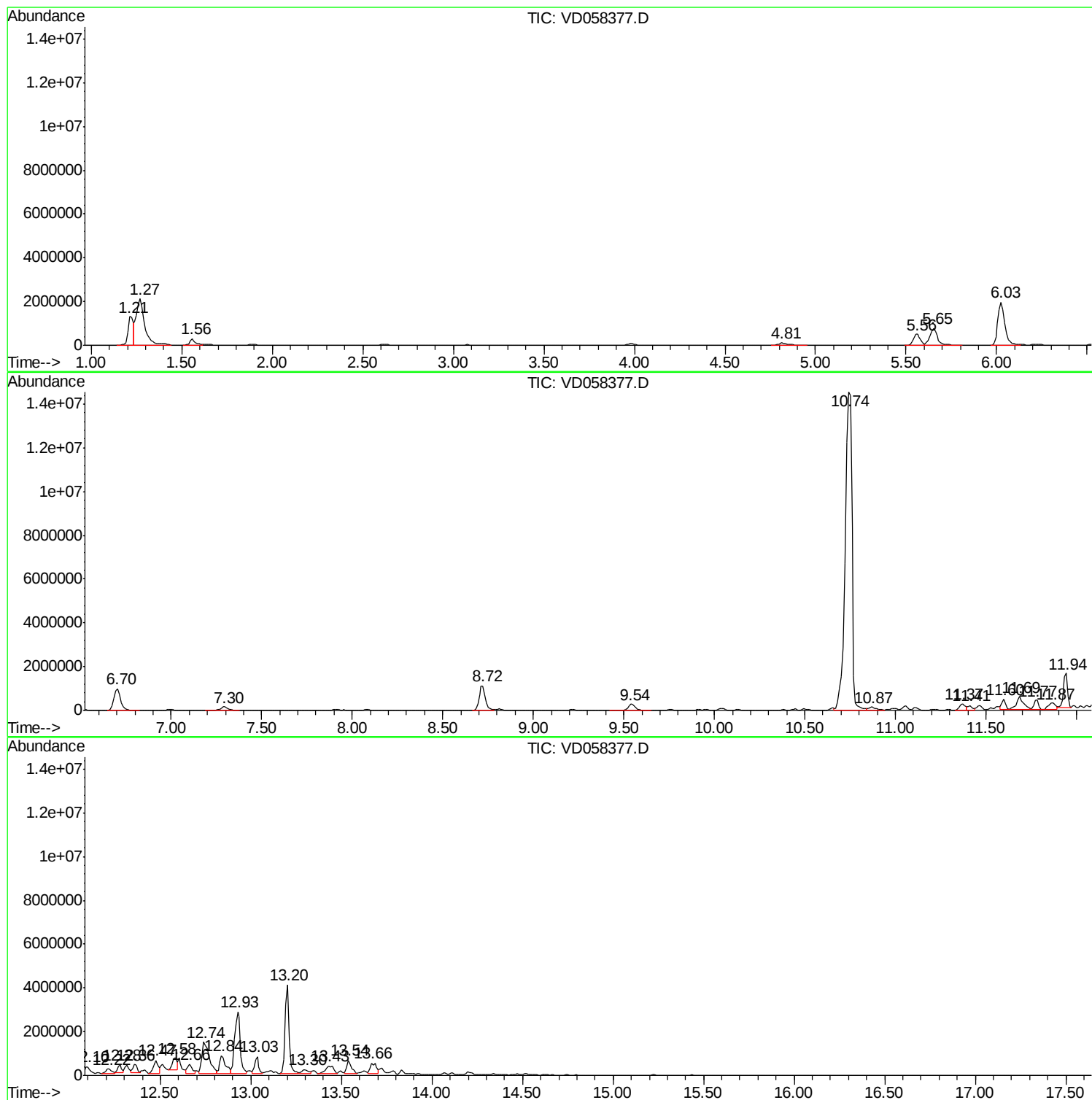
Sum of corrected areas: 99872277

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



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 Peak Number 1 Undecane, 5,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.87	7.30 ug/l	943496	1,4-Dichlorobenzene-d4	12.92	
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual	
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	86
2	Decane	142	C10H22	000124-18-5	46
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	43
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	43
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	38

 Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	8.21 ug/l	1060500	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-4-methyl-	120	C9H12	000622-96-8 93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4 91
4	Mesitylene	120	C9H12	000108-67-8 91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8 91

 Peak Number 3 Octane, 5-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.66	5.89 ug/l	760533	1,4-Dichlorobenzene-d4	12.92	
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual	
1	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	68
2	Decane, 2-methyl-	156	C11H24	006975-98-0	64
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	50
4	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	50
5	3-Bromooctane	192	C8H17Br	000999-64-4	50

 Peak Number 4 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
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13.03	9.34 ug/l	1206950	1,4-Dichlorobenzene-d4	12.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	96
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91

Peak Number 5 Benzene, 1-(1,1-dimethyleth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.43	7.25 ug/l	936487	1,4-Dichlorobenzene-d4	12.92		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	95
2		2-tert-Butyltoluene	148	C11H16	001074-92-6	95
3		4-tert-Butyltoluene	148	C11H16	000098-51-1	93
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	76
5		3,4-Dimethylcumene	148	C11H16	1000370-34-1	74

Peak Number 6 Adamantane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.54	8.10 ug/l	1046510	1,4-Dichlorobenzene-d4	12.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane	136	C10H16	000281-23-2	98
2	Cyclohexene, 5-methyl-3-(1-methy...	136	C10H16	056816-08-1	53
3	Bicyclo[3.3.1]non-6-en-2-one	136	C9H12O	022482-58-2	53
4	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	005113-87-1	52
5	Tricyclo[4.4.0.0(2,8)]decane	136	C10H16	049700-59-6	49

Peak Number 7 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.66	9.03 ug/l	1166740	1,4-Dichlorobenzene-d4		12.92	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual

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1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	95
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	86
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64

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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
Undecane, 5,6-dim...	11.87	7.3	ug/l	943496	4	12.92	6458890	50.0
Benzene, 1-ethyl-...	12.47	8.2	ug/l	1060500	4	12.92	6458890	50.0
Octane, 5-ethyl-2...	12.66	5.9	ug/l	760533	4	12.92	6458890	50.0
o-Cymene	13.03	9.3	ug/l	1206950	4	12.92	6458890	50.0
Benzene, 1-(1,1-d...	13.43	7.3	ug/l	936487	4	12.92	6458890	50.0
Adamantane	13.54	8.1	ug/l	1046510	4	12.92	6458890	50.0
1H-Indene, 2,3-di...	13.66	9.0	ug/l	1166740	4	12.92	6458890	50.0