

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062418\
 Data File : VD058374.D
 Acq On : 24 Jun 2018 16:22
 Operator : VA/AP
 Sample : J3671-16
 Misc : 6.22g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB481-13-15-180621

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	1.224	94	101	103	rBV	906520	2172606	14.86%	3.187%
2	1.273	103	106	121	rVB	978408	2890000	19.76%	4.240%
3	1.558	131	135	141	rBV	85721	179000	1.22%	0.263%
4	4.817	456	466	488	rBV	1905878	5872107	40.16%	8.615%
5	5.565	534	542	546	rBV	327881	870283	5.95%	1.277%
6	5.654	546	551	566	rVB	415182	1210101	8.28%	1.775%
7	6.028	583	589	599	rBV	383121	1009213	6.90%	1.481%
8	6.697	651	657	672	rBV	551626	1434573	9.81%	2.105%
9	6.992	682	687	692	rBV	70618	163638	1.12%	0.240%
10	8.715	857	862	869	rBV	730184	1628786	11.14%	2.390%
11	10.497	1040	1043	1051	rVB2	52459	151397	1.04%	0.222%
12	10.733	1060	1067	1078	rVB2	6411440	13163509	90.02%	19.311%
13	11.107	1102	1105	1111	rVB2	91348	158702	1.09%	0.233%
14	11.363	1127	1131	1134	rBV3	140163	314868	2.15%	0.462%
15	11.462	1139	1141	1145	rVV	139084	232443	1.59%	0.341%
16	11.600	1152	1155	1158	rVV	250160	395978	2.71%	0.581%
17	11.678	1158	1163	1170	rVV4	289865	837623	5.73%	1.229%
18	11.875	1176	1183	1185	rBV2	205114	545526	3.73%	0.800%
19	11.934	1185	1189	1192	rVV	1264295	2175220	14.88%	3.191%
20	11.974	1192	1193	1196	rVV2	263775	297063	2.03%	0.436%
21	12.052	1199	1201	1204	rVV	330594	595876	4.08%	0.874%
22	12.092	1204	1205	1210	rVV2	195792	332262	2.27%	0.487%
23	12.210	1213	1217	1220	rVV3	100544	220149	1.51%	0.323%
24	12.279	1220	1224	1225	rVV	141457	264479	1.81%	0.388%
25	12.318	1225	1228	1230	rVV	214649	421118	2.88%	0.618%
26	12.358	1230	1232	1235	rVV	299001	487889	3.34%	0.716%
27	12.417	1235	1238	1240	rVV2	92060	172237	1.18%	0.253%
28	12.476	1240	1244	1246	rVV	425125	752640	5.15%	1.104%
29	12.515	1246	1248	1250	rVV3	246646	428023	2.93%	0.628%
30	12.564	1250	1253	1255	rVV	338156	702081	4.80%	1.030%
31	12.604	1255	1257	1260	rVV	696715	1005968	6.88%	1.476%
32	12.663	1260	1263	1268	rVV3	298980	640703	4.38%	0.940%
33	12.742	1268	1271	1278	rVV4	442474	1409667	9.64%	2.068%
34	12.840	1278	1281	1286	rVV2	686271	1429243	9.77%	2.097%

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Stop Thrs : 0 Peak Location: TOP

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35	12.929	1286	1290	1295	rVV2	2573610	5192859	35.51%	7.618%
36	13.027	1298	1300	1302	rVV	226597	367257	2.51%	0.539%
37	13.106	1305	1308	1310	rVV	125069	211605	1.45%	0.310%
38	13.204	1314	1318	1325	rVV	9588299	14622263	100.00%	21.452%
39	13.313	1325	1329	1331	rVV2	307153	548194	3.75%	0.804%
40	13.431	1334	1341	1342	rVV5	135538	340341	2.33%	0.499%
41	13.460	1342	1344	1346	rVV2	197231	264826	1.81%	0.389%
42	13.539	1349	1352	1357	rVB4	279436	430564	2.94%	0.632%
43	13.667	1363	1365	1369	rBV2	182298	357149	2.44%	0.524%
44	13.746	1369	1373	1375	rVB3	182166	311011	2.13%	0.456%
45	14.071	1404	1406	1409	rBV	266811	318846	2.18%	0.468%
46	14.198	1416	1419	1423	rVB2	149603	207496	1.42%	0.304%
47	14.346	1429	1434	1437	rBV3	152830	231076	1.58%	0.339%
48	14.523	1449	1452	1454	rBV	142921	195812	1.34%	0.287%

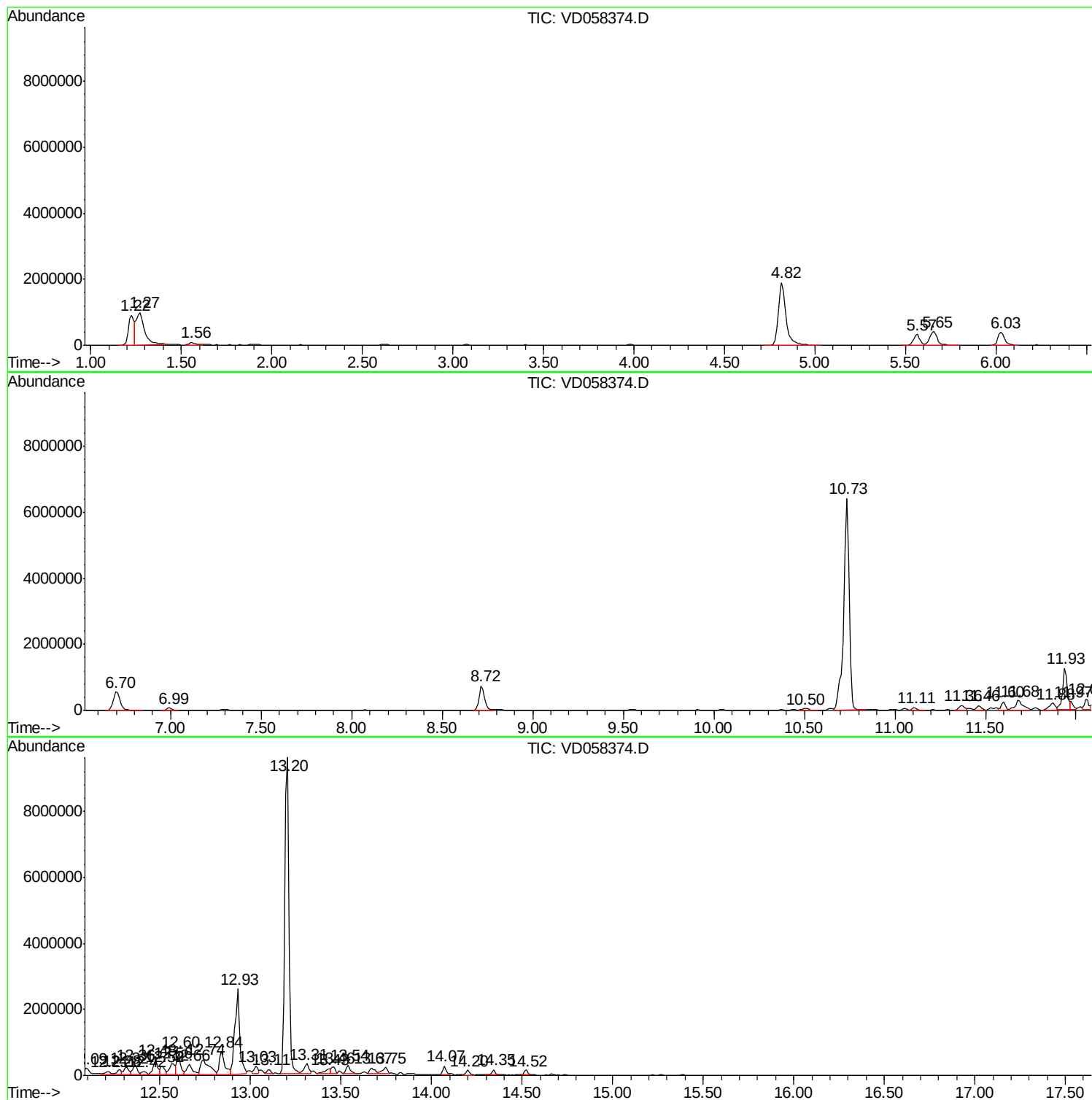
Sum of corrected areas: 68164270

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Quant Title : SW846 8260

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.
11.88	5.25 ug/l	545526	1,4-Dichlorobenzene-d4	12.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 5,6-dimethyl-	184 C13H28	017615-91-7	83
2	Decane, 2,5,6-trimethyl-	184 C13H28	062108-23-0	64
3	Octane, 4-ethyl-	142 C10H22	015869-86-0	53
4	Octane, 2,3-dimethyl-	142 C10H22	007146-60-3	50
5	Heptane, 3-ethyl-2-methyl-	142 C10H22	014676-29-0	49

Peak Number 2 Nonane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	5.74 ug/l	595876	1,4-Dichlorobenzene-d4	12.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 3-methyl-	142 C10H22	005911-04-6	90
2	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	72
3	Octane, 4-ethyl-	142 C10H22	015869-86-0	59
4	Octane, 3,6-dimethyl-	142 C10H22	015869-94-0	53
5	Sulfurous acid, butyl 2-ethylhex...	250 C12H26O3S	1000309-18-8	53

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	7.25 ug/l	752640	1,4-Dichlorobenzene-d4	12.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3	94
2	Mesitylene	120 C9H12	000108-67-8	91
3	Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120 C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8	91

Peak Number 4 Octane, 5-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
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12.66	6.17 ug/l	640703	1,4-Dichlorobenzene-d4	12.91			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	64
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3			Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	59
4			Decane, 4-methyl-	156	C11H24	002847-72-5	59
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59

 Peak Number 5 Benzene, 1-methyl-4-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.31	5.28 ug/l	548194	1,4-Dichlorobenzene-d4	12.91	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Undecane, 5,6-dim...	11.88	5.3	ug/l	545526	4	12.91	5192860	50.0
Nonane, 3-methyl-	12.05	5.7	ug/l	595876	4	12.91	5192860	50.0
Benzene, 1-ethyl-...	12.48	7.2	ug/l	752640	4	12.91	5192860	50.0
Octane, 5-ethyl-2...	12.66	6.2	ug/l	640703	4	12.91	5192860	50.0
Benzene, 1-methyl...	13.31	5.3	ug/l	548194	4	12.91	5192860	50.0