

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061418\
 Data File : VD058138.D
 Acq On : 14 Jun 2018 16:23
 Operator : VA/AP
 Sample : J3239-09
 Misc : 5.49g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-06-061318-A

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\82D060618S.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	1.218	94	101	104	rBV	982561	2422118	62.08%	7.354%
2	1.277	104	107	130	rVB	1280776	3901617	100.00%	11.847%
3	3.078	285	290	299	rBV2	38179	109434	2.80%	0.332%
4	5.559	536	542	546	rBV	393600	1015004	26.01%	3.082%
5	5.648	546	551	568	rVB	593370	1650698	42.31%	5.012%
6	6.032	584	590	601	rBV	301481	812722	20.83%	2.468%
7	6.701	651	658	677	rBV	760600	1921765	49.26%	5.835%
8	8.719	857	863	869	rBV	816436	1841967	47.21%	5.593%
9	8.808	869	872	879	rVB	47495	95745	2.45%	0.291%
10	10.698	1059	1064	1073	rVB	1021716	1922858	49.28%	5.839%
11	11.013	1088	1096	1102	rBV	72201	160545	4.11%	0.487%
12	11.101	1102	1105	1110	rVB	52333	81879	2.10%	0.249%
13	11.407	1134	1136	1140	rVB2	63330	101899	2.61%	0.309%
14	11.564	1149	1152	1159	rVB2	37903	85172	2.18%	0.259%
15	11.682	1159	1164	1169	rBV5	30808	72031	1.85%	0.219%
16	11.938	1186	1190	1199	rVV	943965	1405722	36.03%	4.268%
17	12.056	1199	1202	1204	rVV	30019	43913	1.13%	0.133%
18	12.096	1204	1206	1210	rVV2	51421	81931	2.10%	0.249%
19	12.155	1210	1212	1214	rVV	34817	41741	1.07%	0.127%
20	12.233	1214	1220	1222	rVV	140920	198972	5.10%	0.604%
21	12.263	1222	1223	1226	rVV	65295	100032	2.56%	0.304%
22	12.322	1226	1229	1231	rVV2	83539	140928	3.61%	0.428%
23	12.361	1231	1233	1237	rVV	193437	247174	6.34%	0.751%
24	12.470	1241	1244	1246	rVV2	87719	135820	3.48%	0.412%
25	12.509	1246	1248	1251	rVV2	30519	47918	1.23%	0.145%
26	12.627	1255	1260	1267	rVV	315330	553281	14.18%	1.680%
27	12.716	1267	1269	1272	rVV2	59341	108439	2.78%	0.329%
28	12.755	1272	1273	1278	rVV3	38443	91103	2.34%	0.277%
29	12.834	1278	1281	1285	rVV2	87156	154866	3.97%	0.470%
30	12.913	1285	1289	1291	rVV	1303786	1721309	44.12%	5.227%
31	12.952	1291	1293	1295	rVV	159559	222852	5.71%	0.677%
32	12.991	1295	1297	1299	rVV2	54576	82057	2.10%	0.249%
33	13.060	1302	1304	1305	rVV	37922	52511	1.35%	0.159%
34	13.100	1305	1308	1310	rVV2	115642	175644	4.50%	0.533%

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35	13.139	1310	1312	1314	rVV	93248	127847	3.28%	0.388%
36	13.179	1314	1316	1322	rVV2	138742	309082	7.92%	0.938%
37	13.247	1322	1323	1325	rVV2	27060	40859	1.05%	0.124%
38	13.297	1325	1328	1332	rVV2	339663	533014	13.66%	1.618%
39	13.375	1334	1336	1338	rVV	74408	131618	3.37%	0.400%
40	13.405	1338	1339	1341	rVV	102521	117616	3.01%	0.357%
41	13.454	1341	1344	1346	rVV2	116104	204422	5.24%	0.621%
42	13.494	1346	1348	1349	rVV	45776	64887	1.66%	0.197%
43	13.533	1349	1352	1358	rVV4	119948	330872	8.48%	1.005%
44	13.622	1358	1361	1364	rVV4	61314	154572	3.96%	0.469%
45	13.700	1364	1369	1371	rVV	313756	632419	16.21%	1.920%
46	13.740	1371	1373	1375	rVV3	116334	210943	5.41%	0.641%
47	13.779	1375	1377	1379	rVV	136201	201069	5.15%	0.611%
48	13.828	1379	1382	1384	rVV3	101732	210315	5.39%	0.639%
49	13.868	1384	1386	1390	rVV3	81671	201199	5.16%	0.611%
50	13.927	1390	1392	1394	rVV3	49812	92751	2.38%	0.282%
51	13.966	1394	1396	1398	rVV2	134021	214309	5.49%	0.651%
52	14.015	1398	1401	1404	rVV4	76399	224546	5.76%	0.682%
53	14.065	1404	1406	1412	rVV2	483855	929105	23.81%	2.821%
54	14.163	1412	1416	1417	rVV2	106285	225855	5.79%	0.686%
55	14.193	1417	1419	1425	rVV	219686	460582	11.80%	1.398%
56	14.330	1425	1433	1435	rVV5	95634	417716	10.71%	1.268%
57	14.399	1435	1440	1442	rVV3	115797	309579	7.93%	0.940%
58	14.439	1442	1444	1446	rVV2	104436	187379	4.80%	0.569%
59	14.468	1446	1447	1449	rVV2	89707	141616	3.63%	0.430%
60	14.508	1449	1451	1453	rVV2	99350	178355	4.57%	0.542%
61	14.576	1453	1458	1460	rVV4	175970	449499	11.52%	1.365%
62	14.635	1460	1464	1469	rVV3	155478	437418	11.21%	1.328%
63	14.704	1469	1471	1472	rVV2	65732	109148	2.80%	0.331%
64	14.734	1472	1474	1476	rVV	352521	446611	11.45%	1.356%
65	14.803	1479	1481	1485	rVV4	73128	225092	5.77%	0.683%
66	14.901	1485	1491	1495	rVV3	285492	618916	15.86%	1.879%
67	14.970	1495	1498	1500	rVV4	75161	160402	4.11%	0.487%
68	15.010	1500	1502	1504	rVV	95003	159750	4.09%	0.485%
69	15.059	1504	1507	1509	rVV	128209	257425	6.60%	0.782%
70	15.098	1509	1511	1515	rVV2	152654	322615	8.27%	0.980%
71	15.177	1518	1519	1521	rVV2	56173	81969	2.10%	0.249%

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72	15.236	1521	1525	1527	rVV2	149978	317034	8.13%	0.963%
73	15.266	1527	1528	1534	rVV3	81291	197078	5.05%	0.598%
74	15.354	1534	1537	1539	rVV	91715	155997	4.00%	0.474%
75	15.394	1539	1541	1544	rVV3	62703	142537	3.65%	0.433%
76	15.443	1544	1546	1548	rVV3	41551	73405	1.88%	0.223%
77	15.492	1548	1551	1554	rVV4	37496	81700	2.09%	0.248%
78	15.551	1554	1557	1560	rVV4	17832	43280	1.11%	0.131%

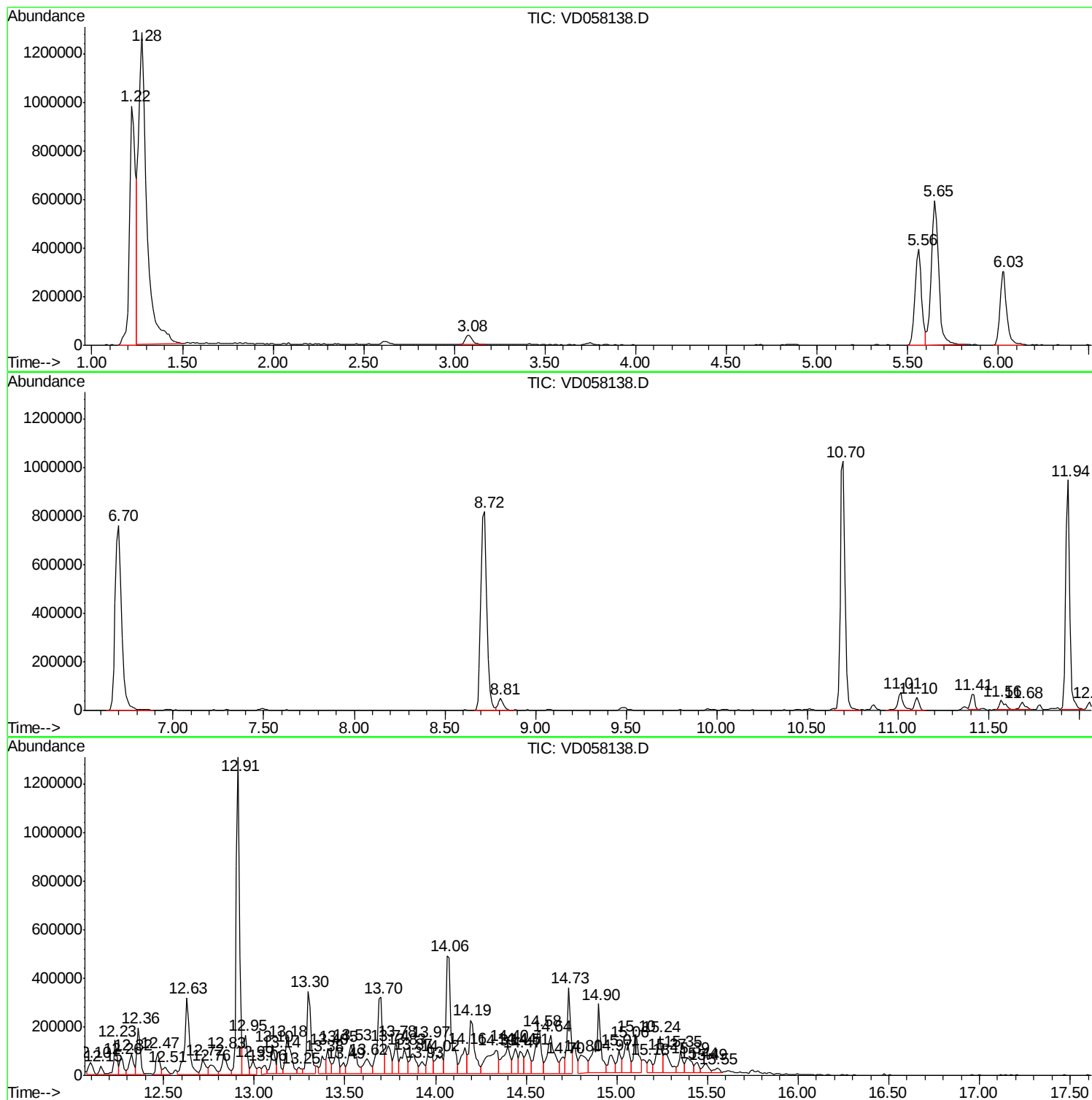
Sum of corrected areas: 32934070

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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TIC Integration Parameters: LSCINT.P

Peak Number 1 Undecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.30	15.48 ug/l	533014	1,4-Dichlorobenzene-d4	12.91	
Hit# of	5	Tentative ID	MW MolForm	CAS#	Qual
1	Undecane		156 C11H24	001120-21-4	87
2	Tetradecane		198 C14H30	000629-59-4	86
3	Hexadecane		226 C16H34	000544-76-3	83
4	Decane, 2,3,6-trimethyl-		184 C13H28	062238-12-4	53
5	Decane, 2-methyl-		156 C11H24	006975-98-0	53

Peak Number 2 Octanoic acid, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.70	18.37 ug/l	632419	1,4-Dichlorobenzene-d4	12.91	
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual	
1	Octanoic acid, 2-methyl-	158	C9H18O2	003004-93-1	86
2	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	78
3	Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	72
4	Heptanoic acid, methyl ester	144	C8H16O2	000106-73-0	72
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	72

Peak Number 3 unknown14.06 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.06	26.99 ug/l	929105	1,4-Dichlorobenzene-d4	12.91	
Hit# of	5	Tentative ID	MW MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	49
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	43
3	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	43
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	38
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	35

Peak Number 4 Naphthalene, 1,2,3,4-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
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14.19	13.38 ug/l	460582	1,4-Dichlorobenzene-d4	12.91			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2			Indan, epoxide	132	C9H8O	000768-22-9	62
3			2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	58
4			Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	47
5			2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	45

 Peak Number 5 Naphthalene, 1,2,3,4-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.58	13.06 ug/l	449499	1,4-Dichlorobenzene-d4	12.91	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	94
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	68
3	2-Azetidinone, 4-phenyl-	147	C9H9NO	005661-55-2	46
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	43
5	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	43

 Peak Number 6 Benzene, (2-methyl-1-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.64	12.71 ug/l	437418	1,4-Dichlorobenzene-d4	12.91	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	81
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	81
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76

 Peak Number 7 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.73	12.97 ug/l	446611	1,4-Dichlorobenzene-d4	12.91		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual

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1	Tridecane	184	C13H28	000629-50-5	94
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
4	Dodecane	170	C12H26	000112-40-3	72
5	Decane	142	C10H22	000124-18-5	64

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	17.98 ug/l	618916	1,4-Dichlorobenzene-d4	12.91

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro...	146	C11H14	001680-51-9	96
2			Naphthalene, 1,2,3,4-tetrahydro...	146	C11H14	002809-64-5	95
3			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	83
4			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Undecane	13.30	15.5	ug/l	533014	4	12.91	1721310	50.0
Octanoic acid, 2-...	13.70	18.4	ug/l	632419	4	12.91	1721310	50.0
unknown14.06	14.06	27.0	ug/l	929105	4	12.91	1721310	50.0
Naphthalene, 1,2,...	14.19	13.4	ug/l	460582	4	12.91	1721310	50.0
Naphthalene, 1,2,...	14.58	13.1	ug/l	449499	4	12.91	1721310	50.0
Benzene, (2-methy...	14.64	12.7	ug/l	437418	4	12.91	1721310	50.0
Tridecane	14.73	13.0	ug/l	446611	4	12.91	1721310	50.0
Naphthalene, 1,2,...	14.90	18.0	ug/l	618916	4	12.91	1721310	50.0