

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061418\
 Data File : VD058150.D
 Acq On : 14 Jun 2018 22:03
 Operator : VA/AP
 Sample : J3241-09
 Misc : 5.90g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-05-061318-B

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	1.217	93	101	103	rBV	901681	2084238	60.96%	6.984%
2	1.266	103	106	119	rVV	1114621	3419184	100.00%	11.457%
3	1.414	119	121	126	rVB	33925	59402	1.74%	0.199%
4	3.068	284	289	298	rBV2	51993	147836	4.32%	0.495%
5	5.548	534	541	546	rBV2	389411	1062147	31.06%	3.559%
6	5.637	546	550	566	rVB	625386	1772610	51.84%	5.939%
7	6.021	582	589	600	rBV	297130	781249	22.85%	2.618%
8	6.690	651	657	671	rBV	851734	2089604	61.11%	7.002%
9	8.708	857	862	876	rVB	546366	1167999	34.16%	3.914%
10	10.687	1059	1063	1071	rBV	926630	1622220	47.44%	5.436%
11	11.051	1096	1100	1103	rVV2	22926	45979	1.34%	0.154%
12	11.366	1127	1132	1134	rBV2	39165	82913	2.42%	0.278%
13	11.563	1146	1152	1153	rBV2	23877	44113	1.29%	0.148%
14	11.593	1153	1155	1158	rVB	51952	68114	1.99%	0.228%
15	11.681	1158	1164	1171	rBV4	66248	200388	5.86%	0.671%
16	11.859	1177	1182	1186	rBV4	24287	82608	2.42%	0.277%
17	11.937	1186	1190	1193	rBV	756175	1167510	34.15%	3.912%
18	12.095	1202	1206	1213	rVB2	131931	255116	7.46%	0.855%
19	12.203	1213	1217	1221	rBV4	38564	107045	3.13%	0.359%
20	12.272	1221	1224	1226	rVV	63068	115653	3.38%	0.388%
21	12.311	1226	1228	1231	rVV2	95424	169725	4.96%	0.569%
22	12.361	1231	1233	1235	rVB	73147	97926	2.86%	0.328%
23	12.410	1235	1238	1240	rVB4	29945	42684	1.25%	0.143%
24	12.479	1240	1245	1246	rBV3	46263	109697	3.21%	0.368%
25	12.508	1246	1248	1251	rVB2	60515	92004	2.69%	0.308%
26	12.656	1256	1263	1268	rVB7	54996	216494	6.33%	0.725%
27	12.735	1268	1271	1273	rBV3	54622	113768	3.33%	0.381%
28	12.774	1273	1275	1278	rVV2	46700	79424	2.32%	0.266%
29	12.833	1278	1281	1283	rVV2	126080	182440	5.34%	0.611%
30	12.912	1285	1289	1291	rVV	1125056	1636903	47.87%	5.485%
31	12.951	1291	1293	1295	rVB	156308	202468	5.92%	0.678%
32	13.020	1295	1300	1304	rVB5	61574	163836	4.79%	0.549%
33	13.099	1304	1308	1310	rBV5	45485	101076	2.96%	0.339%
34	13.129	1310	1311	1313	rVB	68762	70119	2.05%	0.235%

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35	13.197	1313	1318	1322	rBV2	249804	595481	17.42%	1.995%
36	13.247	1322	1323	1326	rVV3	41892	61752	1.81%	0.207%
37	13.306	1326	1329	1331	rVV3	150427	279488	8.17%	0.936%
38	13.335	1331	1332	1335	rVB2	77739	96658	2.83%	0.324%
39	13.424	1335	1341	1342	rBV4	72830	206628	6.04%	0.692%
40	13.453	1342	1344	1346	rVV	234056	290936	8.51%	0.975%
41	13.621	1357	1361	1363	rBV3	159281	242230	7.08%	0.812%
42	13.670	1363	1366	1369	rVV4	220926	390601	11.42%	1.309%
43	13.719	1369	1371	1372	rVV2	66814	91552	2.68%	0.307%
44	13.739	1372	1373	1375	rVB2	103974	117396	3.43%	0.393%
45	13.778	1375	1377	1379	rVB	118820	130793	3.83%	0.438%
46	13.827	1379	1382	1385	rBV2	294829	460481	13.47%	1.543%
47	13.877	1385	1387	1390	rVV2	147485	254396	7.44%	0.852%
48	13.926	1390	1392	1394	rVB2	110702	131955	3.86%	0.442%
49	13.965	1394	1396	1397	rBV	35972	47752	1.40%	0.160%
50	13.995	1397	1399	1401	rVV3	47428	60572	1.77%	0.203%
51	14.034	1401	1403	1404	rVV2	85105	82273	2.41%	0.276%
52	14.064	1404	1406	1409	rVV2	339508	596745	17.45%	2.000%
53	14.103	1409	1410	1412	rVB	187675	163942	4.79%	0.549%
54	14.143	1412	1414	1417	rBV	149347	217132	6.35%	0.728%
55	14.192	1417	1419	1424	rVB4	244045	435699	12.74%	1.460%
56	14.330	1427	1433	1435	rVV3	185688	445796	13.04%	1.494%
57	14.398	1435	1440	1442	rVV4	174077	428762	12.54%	1.437%
58	14.438	1442	1444	1446	rVV2	93873	116223	3.40%	0.389%
59	14.467	1446	1447	1449	rVB	89460	100451	2.94%	0.337%
60	14.507	1449	1451	1453	rBV2	73189	83664	2.45%	0.280%
61	14.576	1453	1458	1460	rVB3	170098	307252	8.99%	1.030%
62	14.635	1460	1464	1466	rBV	258923	406629	11.89%	1.362%
63	14.694	1468	1470	1473	rVB2	50950	59341	1.74%	0.199%
64	14.733	1473	1474	1476	rVB	69833	50002	1.46%	0.168%
65	14.802	1478	1481	1483	rBV4	29290	42551	1.24%	0.143%
66	14.871	1485	1488	1489	rBV2	156053	206450	6.04%	0.692%
67	14.901	1489	1491	1495	rVB	187144	251293	7.35%	0.842%
68	14.960	1495	1497	1500	rBV3	110389	172976	5.06%	0.580%
69	15.009	1500	1502	1504	rBV	100771	140305	4.10%	0.470%
70	15.107	1509	1512	1514	rVV	245624	426166	12.46%	1.428%
71	15.147	1514	1516	1518	rVV3	86799	165197	4.83%	0.554%

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72	15.235	1521	1525	1527	rVV2	217734	443108	12.96%	1.485%
73	15.275	1527	1529	1531	rVV	148960	240740	7.04%	0.807%
74	15.314	1531	1533	1537	rVV3	82364	200998	5.88%	0.673%
75	15.393	1538	1541	1544	rVV4	114674	288275	8.43%	0.966%
76	15.432	1544	1545	1548	rVV	97206	136146	3.98%	0.456%
77	15.491	1548	1551	1555	rVV2	93435	209658	6.13%	0.702%
78	15.560	1555	1558	1561	rVV5	42037	93119	2.72%	0.312%
79	15.609	1561	1563	1568	rVV4	35000	76226	2.23%	0.255%
80	15.678	1568	1570	1573	rVV3	15053	35706	1.04%	0.120%
81	15.747	1575	1577	1585	rVV3	42932	108709	3.18%	0.364%

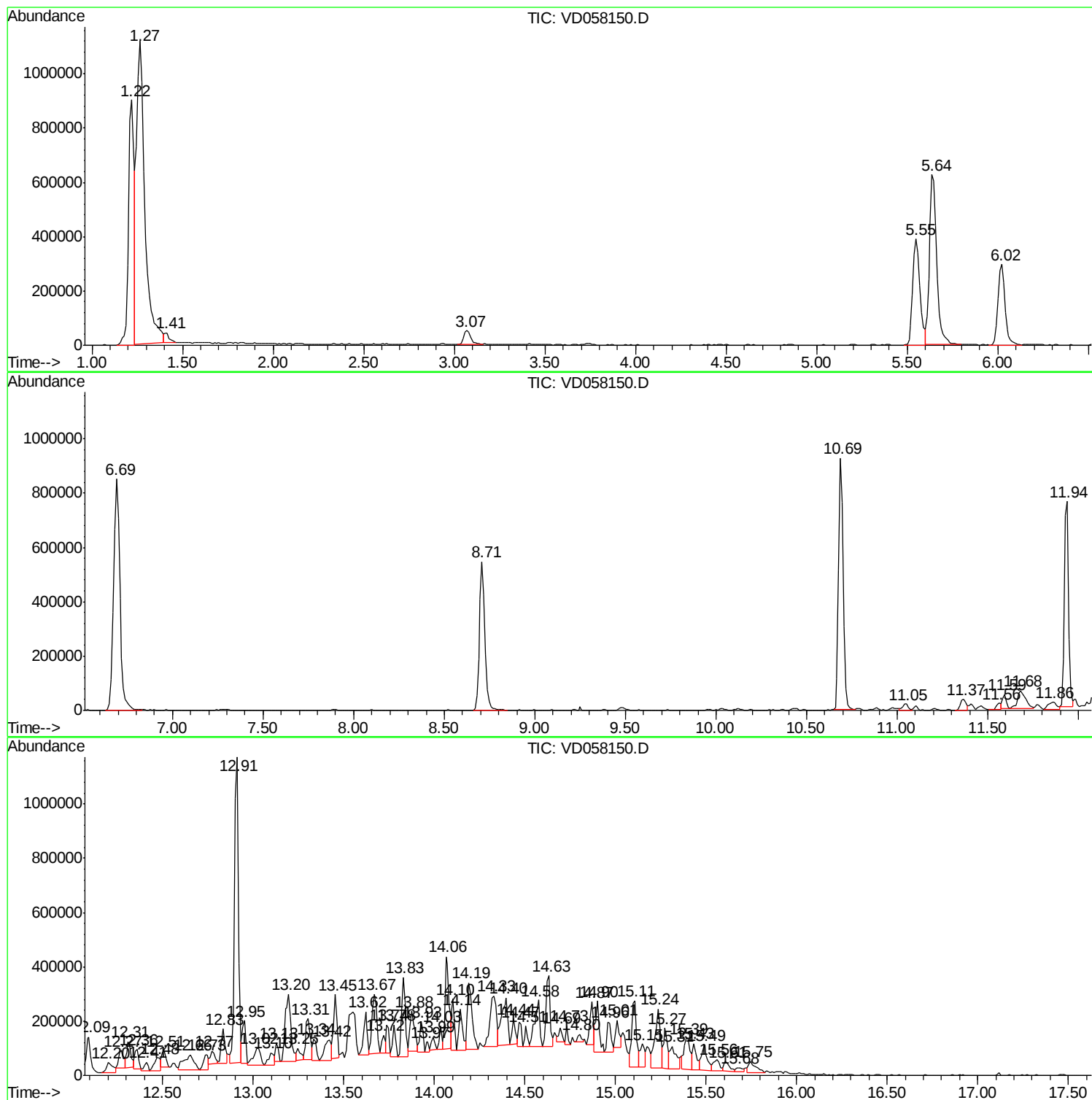
Sum of corrected areas: 29844697

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



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Peak Number 1 Naphthalene, decahydro-, tr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	18.19 ug/l	595481	1,4-Dichlorobenzene-d4	12.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-, trans-	138 C10H18	000493-02-7 97
2		Naphthalene, decahydro-	138 C10H18	000091-17-8 90
3		Cyclodecene	138 C10H18	003618-12-0 89
4		1,1'-Bicyclopentyl	138 C10H18	001636-39-1 81
5		endo-2-Methylbicyclo[3.3.1]nonane	138 C10H18	042558-37-2 70

Peak Number 2 1-Methyldecahydronaphthalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	14.07 ug/l	460481	1,4-Dichlorobenzene-d4	12.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Methyldecahydronaphthalene	152 C11H20	002958-75-0 97
2		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 97
3		Benzene, 2-ethyl-1,4-dimethyl-	134 C10H14	001758-88-9 58
4		Benzene, 1-ethyl-2,3-dimethyl-	134 C10H14	000933-98-2 58
5		Cyclohexanone, 5-methyl-2-(1-met...	152 C10H16O	015932-80-6 46

Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	18.23 ug/l	596745	1,4-Dichlorobenzene-d4	12.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2 93
2		o-Cymene	134 C10H14	000527-84-4 90
3		Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3 90
4		Benzene, 1-ethyl-2,3-dimethyl-	134 C10H14	000933-98-2 90
5		Benzene, 2-ethyl-1,3-dimethyl-	134 C10H14	002870-04-4 87

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
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14.19	13.31 ug/l	435699	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	86
2		Indan, epoxide	132	C9H8O	000768-22-9	46
3		Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	46
4		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	43
5		2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	42

 Peak Number 5 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.33	13.62 ug/l	445796	1,4-Dichlorobenzene-d4	12.91		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	60
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
3		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	46
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	46
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	46

 Peak Number 6 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.40	13.10 ug/l	428762	1,4-Dichlorobenzene-d4	12.91		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
4		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
5		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	62

 Peak Number 7 1H-Indene, 2,3-dihydro-1,1,1,1-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.11	13.02 ug/l	426166	1,4-Dichlorobenzene-d4	12.91		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual

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1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	55
2	Naphthalene, 1,2,3,4-tetrahydro...	146	C11H14	001680-51-9	55
3	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	53
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	50
5	Naphthalene, 1,2,3,4-tetrahydro...	160	C12H16	025419-33-4	49

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	13.53 ug/l	443108	1,4-Dichlorobenzene-d4	12.91

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro...	160	C12H16	004175-54-6	97
2			Naphthalene, 1,2,3,4-tetrahydro...	160	C12H16	021564-91-0	86
3			Naphthalene, 1,2,3,4-tetrahydro...	160	C12H16	021693-54-9	83
4			Naphthalene, 1,2,3,4-tetrahydro...	160	C12H16	013065-07-1	70
5			Naphthalene, 1,2,3,4-tetrahydro...	160	C12H16	007524-63-2	68

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, deca...	13.20	18.2	ug/l	595481	4	12.91	1636900	50.0
1-Methyldecahydro...	13.83	14.1	ug/l	460481	4	12.91	1636900	50.0
Benzene, 1,2,4,5-...	14.06	18.2	ug/l	596745	4	12.91	1636900	50.0
Naphthalene, 1,2,...	14.19	13.3	ug/l	435699	4	12.91	1636900	50.0
1H-Indene, 2,3-di...	14.33	13.6	ug/l	445796	4	12.91	1636900	50.0
1H-Indene, 2,3-di...	14.40	13.1	ug/l	428762	4	12.91	1636900	50.0
1H-Indene, 2,3-di...	15.11	13.0	ug/l	426166	4	12.91	1636900	50.0
Naphthalene, 1,2,...	15.24	13.5	ug/l	443108	4	12.91	1636900	50.0