

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061418\
 Data File : VD058151.D
 Acq On : 14 Jun 2018 22:31
 Operator : VA/AP
 Sample : J3241-11
 Misc : 5.47g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

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

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	92	101	103	rBV	897595	1919937	59.83%	4.952%
2	1.267	103	106	126	rVB	963257	3209221	100.00%	8.278%
3	3.068	283	289	301	rVB	43033	125087	3.90%	0.323%
4	3.737	349	357	364	rVB3	12412	36651	1.14%	0.095%
5	5.549	535	541	546	rBV	355586	943891	29.41%	2.435%
6	5.647	546	551	564	rVB	602595	1751134	54.57%	4.517%
7	6.021	583	589	600	rBV	265826	688442	21.45%	1.776%
8	6.691	651	657	669	rBV	848854	2083740	64.93%	5.375%
9	7.281	710	717	722	rBV3	10031	32116	1.00%	0.083%
10	8.709	857	862	871	rBV	559784	1242343	38.71%	3.205%
11	10.432	1033	1037	1040	rBV3	19044	35429	1.10%	0.091%
12	10.688	1059	1063	1069	rVV	1049614	1748359	54.48%	4.510%
13	10.884	1078	1083	1088	rVB5	14513	37857	1.18%	0.098%
14	10.983	1088	1093	1096	rBV4	18455	59655	1.86%	0.154%
15	11.052	1096	1100	1103	rVV	44007	90603	2.82%	0.234%
16	11.101	1103	1105	1111	rVB2	32497	56747	1.77%	0.146%
17	11.367	1127	1132	1134	rBV2	70104	157544	4.91%	0.406%
18	11.406	1134	1136	1139	rVV	50959	82483	2.57%	0.213%
19	11.455	1139	1141	1145	rVV	36180	61716	1.92%	0.159%
20	11.593	1152	1155	1158	rVV	130575	208727	6.50%	0.538%
21	11.682	1158	1164	1171	rVV3	137805	413199	12.88%	1.066%
22	11.770	1171	1173	1177	rVB4	33508	63052	1.96%	0.163%
23	11.869	1177	1183	1186	rBV4	62370	212167	6.61%	0.547%
24	11.928	1186	1189	1193	rVV	785813	1292570	40.28%	3.334%
25	11.977	1193	1194	1197	rVV2	48024	62938	1.96%	0.162%
26	12.046	1199	1201	1203	rVV	63516	107207	3.34%	0.277%
27	12.085	1203	1205	1213	rVB2	194702	376606	11.74%	0.971%
28	12.204	1213	1217	1221	rBV3	75539	200922	6.26%	0.518%
29	12.272	1221	1224	1225	rVV	119977	198166	6.17%	0.511%
30	12.312	1225	1228	1230	rVV3	183659	363182	11.32%	0.937%
31	12.361	1230	1233	1235	rVV2	126713	216489	6.75%	0.558%
32	12.410	1235	1238	1240	rVB4	39469	61912	1.93%	0.160%
33	12.509	1245	1248	1251	rVB2	114667	201707	6.29%	0.520%
34	12.558	1251	1253	1255	rBV2	74307	99880	3.11%	0.258%

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35	12.597	1255	1257	1260	rVV	253002	337389	10.51%	0.870%
36	12.656	1260	1263	1268	rVB6	118257	245672	7.66%	0.634%
37	12.735	1268	1271	1273	rBV3	101356	233175	7.27%	0.601%
38	12.775	1273	1275	1278	rVB2	149489	215265	6.71%	0.555%
39	12.834	1278	1281	1283	rBV2	285760	435294	13.56%	1.123%
40	12.912	1286	1289	1291	rVV	1065428	1656942	51.63%	4.274%
41	12.952	1291	1293	1295	rVB	324511	430778	13.42%	1.111%
42	13.021	1298	1300	1304	rVB4	111257	224100	6.98%	0.578%
43	13.080	1304	1306	1307	rBV2	34226	53768	1.68%	0.139%
44	13.099	1307	1308	1310	rBV2	34469	44167	1.38%	0.114%
45	13.129	1310	1311	1313	rVB	85329	83341	2.60%	0.215%
46	13.198	1313	1318	1321	rBV2	351995	826692	25.76%	2.132%
47	13.247	1321	1323	1326	rVV2	68333	135057	4.21%	0.348%
48	13.296	1326	1328	1331	rVV2	235099	449202	14.00%	1.159%
49	13.346	1331	1333	1335	rVB2	161749	215602	6.72%	0.556%
50	13.424	1335	1341	1342	rBV5	156512	383559	11.95%	0.989%
51	13.454	1342	1344	1346	rVV	346108	424151	13.22%	1.094%
52	13.493	1346	1348	1349	rVB2	41662	48380	1.51%	0.125%
53	13.533	1349	1352	1357	rBV6	278303	686297	21.39%	1.770%
54	13.621	1357	1361	1363	rVV3	189307	330462	10.30%	0.852%
55	13.670	1363	1366	1369	rVV4	360348	669794	20.87%	1.728%
56	13.729	1369	1372	1375	rVB3	174250	415119	12.94%	1.071%
57	13.779	1375	1377	1379	rVB2	97638	118722	3.70%	0.306%
58	13.828	1379	1382	1385	rBV2	408702	675195	21.04%	1.742%
59	13.877	1385	1387	1390	rVV2	163181	313467	9.77%	0.809%
60	13.926	1390	1392	1394	rVB2	119603	147790	4.61%	0.381%
61	13.956	1394	1395	1397	rVB2	31902	32449	1.01%	0.084%
62	13.995	1397	1399	1401	rBV2	92965	114669	3.57%	0.296%
63	14.064	1401	1406	1408	rBV	569611	931374	29.02%	2.402%
64	14.104	1408	1410	1412	rVV3	238572	324208	10.10%	0.836%
65	14.143	1412	1414	1416	rVV	164437	204750	6.38%	0.528%
66	14.202	1416	1420	1424	rVB4	264498	569963	17.76%	1.470%
67	14.330	1429	1433	1436	rVV4	194128	432868	13.49%	1.117%
68	14.399	1436	1440	1442	rVB3	242131	484952	15.11%	1.251%
69	14.438	1442	1444	1446	rBV3	139741	213179	6.64%	0.550%
70	14.478	1446	1448	1449	rVV2	76615	104524	3.26%	0.270%
71	14.507	1449	1451	1453	rVB	90492	94922	2.96%	0.245%

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72	14.576	1453	1458	1460	rVB4	152586	334424	10.42%	0.863%
73	14.635	1460	1464	1468	rBV2	302951	507300	15.81%	1.309%
74	14.734	1472	1474	1476	rVB2	99016	112061	3.49%	0.289%
75	14.763	1476	1477	1479	rBV2	77146	94544	2.95%	0.244%
76	14.802	1479	1481	1485	rVB4	86542	183677	5.72%	0.474%
77	14.871	1485	1488	1490	rBV	174804	275488	8.58%	0.711%
78	14.970	1495	1498	1500	rVV3	251133	584610	18.22%	1.508%
79	15.009	1500	1502	1509	rVV3	258351	1005645	31.34%	2.594%
80	15.098	1509	1511	1515	rVV2	356303	787428	24.54%	2.031%
81	15.147	1515	1516	1518	rVV2	163356	261064	8.13%	0.673%
82	15.236	1521	1525	1527	rVV2	235778	623230	19.42%	1.608%
83	15.275	1527	1529	1531	rVV	180684	335127	10.44%	0.864%
84	15.314	1531	1533	1536	rVV3	116169	296030	9.22%	0.764%
85	15.403	1538	1542	1544	rVV3	156475	446579	13.92%	1.152%
86	15.433	1544	1545	1548	rVV3	123605	226468	7.06%	0.584%
87	15.492	1548	1551	1555	rVV4	114835	329876	10.28%	0.851%
88	15.560	1555	1558	1560	rVV3	80830	184694	5.76%	0.476%
89	15.600	1560	1562	1567	rVV5	51225	152880	4.76%	0.394%
90	15.679	1568	1570	1574	rVV5	30835	92546	2.88%	0.239%
91	15.748	1574	1577	1585	rVV6	39406	143758	4.48%	0.371%
92	15.994	1599	1602	1607	rVB4	21629	42332	1.32%	0.109%

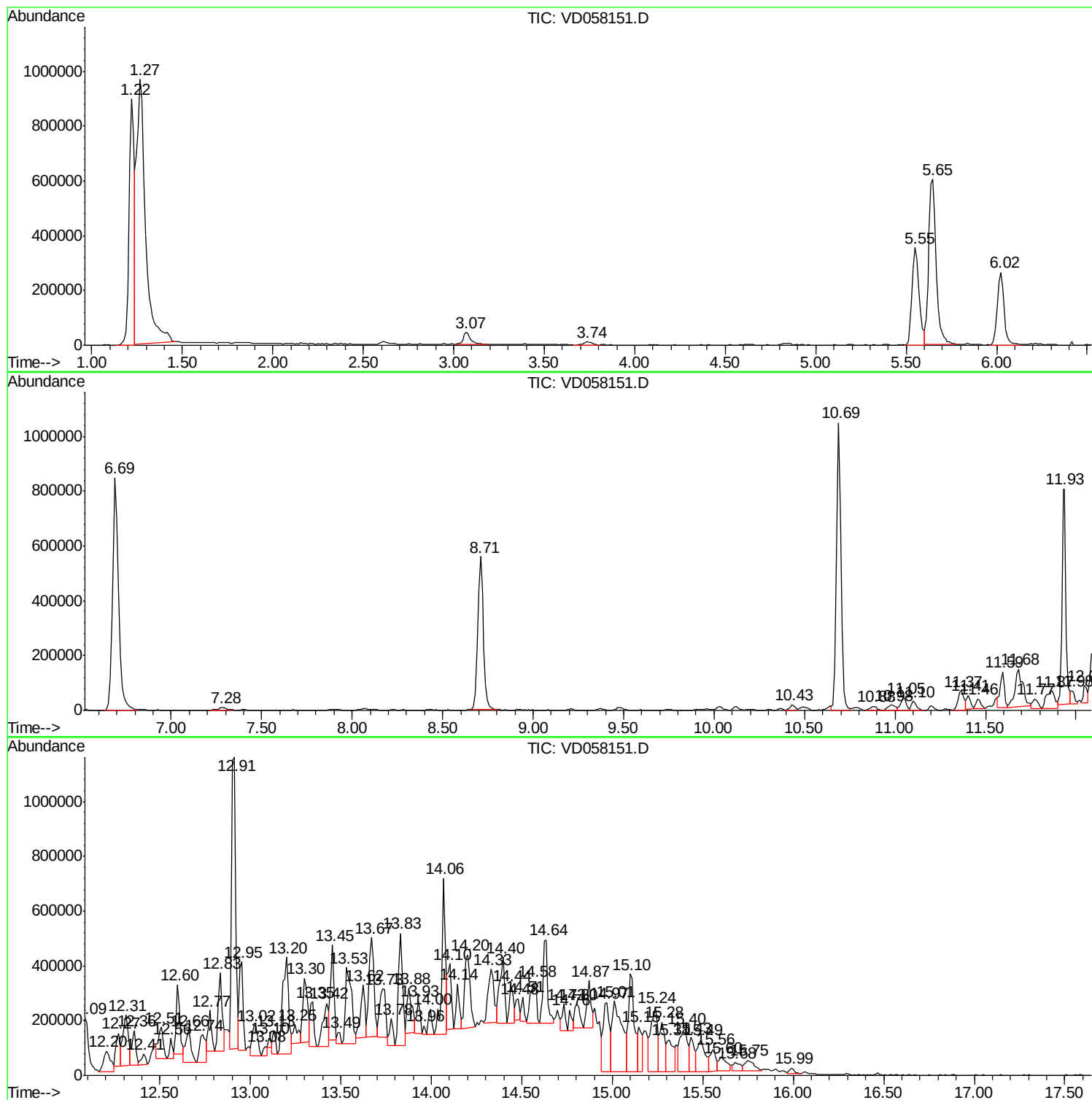
Sum of corrected areas: 38768678

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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 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	24.95 ug/l	826692	1,4-Dichlorobenzene-d4	12.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-, trans-	138 C10H18	000493-02-7 95
2		Naphthalene, decahydro-, cis-	138 C10H18	000493-01-6 87
3		Naphthalene, decahydro-	138 C10H18	000091-17-8 87
4		Cycloheptene	96 C7H12	000628-92-2 86
5		Spiro[4.5]decane	138 C10H18	000176-63-6 76

Peak Number 2 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	20.71 ug/l	686297	1,4-Dichlorobenzene-d4	12.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 2-ethyl-1,4-dimethyl-	134 C10H14	001758-88-9 50
2		o-Cymene	134 C10H14	000527-84-4 50
3		Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9 50
4		p-Cymene	134 C10H14	000099-87-6 46
5		Benzene, 2-ethyl-1,3-dimethyl-	134 C10H14	002870-04-4 46

Peak Number 3 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	20.21 ug/l	669794	1,4-Dichlorobenzene-d4	12.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 4-ethyl-1,2-dimethyl-	134 C10H14	000934-80-5 80
2		Benzene, 1-ethyl-2,3-dimethyl-	134 C10H14	000933-98-2 49
3		Benzene, 1,2,3,4-tetramethyl-	134 C10H14	000488-23-3 46
4		Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2 46
5		Benzene, 1,2,3,5-tetramethyl-	134 C10H14	000527-53-7 46

Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

13.83	20.37 ug/l	675195	1,4-Dichlorobenzene-d4	12.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 90
2		trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3 70
3		1-Methyldecahydronaphthalene	152 C11H20	002958-75-0 70
4		cis-Decalin, 2-syn-methyl-	152 C11H20	1000155-85-6 64
5		Bicyclo[5.4.0]undecane (trans)	152 C11H20	021394-30-9 45

 Peak Number 5 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	28.11 ug/l	931374	1,4-Dichlorobenzene-d4	12.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 95
2		Benzene, 4-ethyl-1,2-dimethyl-	134 C10H14	000934-80-5 94
3		Benzene, 2-ethyl-1,4-dimethyl-	134 C10H14	001758-88-9 91
4		Benzene, 2-ethyl-1,3-dimethyl-	134 C10H14	002870-04-4 91
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134 C10H14	076089-59-3 91

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	30.35 ug/l	1005650	1,4-Dichlorobenzene-d4	12.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Indene, 2,3-dihydro-1,1,3-tri...	160 C12H16	002613-76-5 58
2		Benzene, 1-(2-butenyl)-2,3-dimet...	160 C12H16	054340-85-1 58
3		1H-Inden-1-one, 2,3-dihydro-3,3-...	160 C11H12O	026465-81-6 53
4		1H-Indene, 2,3-dihydro-1,4,7-tri...	160 C12H16	054340-87-3 53
5		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	025419-33-4 52

 Peak Number 7 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	23.76 ug/l	787428	1,4-Dichlorobenzene-d4	12.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual

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1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	52
2	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	49
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	49
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	49
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	46

Peak Number 8 Benzene, 1,2,4-trimethyl-5-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	18.81 ug/l	623230	1,4-Dichlorobenzene-d4	12.91

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	60
2			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	53
3			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	52
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	52
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	52

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, deca...	13.20	24.9	ug/l	826692	4	12.91	1656940	50.0
Benzene, 2-ethyl-...	13.53	20.7	ug/l	686297	4	12.91	1656940	50.0
Benzene, 4-ethyl-...	13.67	20.2	ug/l	669794	4	12.91	1656940	50.0
Naphthalene, deca...	13.83	20.4	ug/l	675195	4	12.91	1656940	50.0
o-Cymene	14.06	28.1	ug/l	931374	4	12.91	1656940	50.0
1H-Indene, 2,3-di...	15.01	30.4	ug/l	1005650	4	12.91	1656940	50.0
Benzene, 2-etheny...	15.10	23.8	ug/l	787428	4	12.91	1656940	50.0
Benzene, 1,2,4-tr...	15.24	18.8	ug/l	623230	4	12.91	1656940	50.0