

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101018\
 Data File : VD060171.D
 Acq On : 10 Oct 2018 13:14
 Operator : VA/AP
 Sample : J5331-02
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NM-STONE-DRUM-3

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\82D100118S.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	3.688	215	220	233	rVB	453433	1186904	22.65%	2.554%
2	4.485	294	301	309	rBV	43305	117463	2.24%	0.253%
3	5.627	411	417	430	rBV2	28149	96087	1.83%	0.207%
4	6.296	479	485	490	rBV	1030576	2643640	50.45%	5.688%
5	6.385	490	494	517	rVB	1458125	3775024	72.05%	8.122%
6	6.758	521	532	551	rBV2	812520	2169749	41.41%	4.668%
7	7.428	594	600	617	rBV	1829146	4531556	86.48%	9.749%
8	9.445	799	805	821	rBV	2298024	5239792	100.00%	11.273%
9	10.183	875	880	888	rBV	112223	295170	5.63%	0.635%
10	11.275	987	991	1003	rVB	2722281	4373561	83.47%	9.409%
11	12.417	1104	1107	1115	rBV	2256975	3348723	63.91%	7.205%
12	12.555	1115	1121	1127	rVB	131654	233742	4.46%	0.503%
13	13.086	1171	1175	1180	rVB2	51002	88725	1.69%	0.191%
14	13.253	1189	1192	1198	rBV5	48913	121407	2.32%	0.261%
15	13.362	1200	1203	1209	rBV	2690826	3975596	75.87%	8.553%
16	13.470	1212	1214	1219	rVB	87254	139467	2.66%	0.300%
17	13.578	1219	1225	1226	rBV2	45160	95954	1.83%	0.206%
18	13.618	1226	1229	1230	rBV2	46626	63793	1.22%	0.137%
19	13.657	1230	1233	1238	rVB4	72582	142852	2.73%	0.307%
20	13.726	1238	1240	1242	rBV2	50609	82410	1.57%	0.177%
21	13.854	1250	1253	1255	rBV2	41952	79710	1.52%	0.171%
22	13.893	1255	1257	1260	rVB3	39988	56843	1.08%	0.122%
23	13.952	1260	1263	1265	rBV2	98133	180479	3.44%	0.388%
24	14.060	1270	1274	1277	rVB4	68894	127880	2.44%	0.275%
25	14.129	1277	1281	1282	rBV2	182282	291489	5.56%	0.627%
26	14.159	1282	1284	1289	rVB5	82061	126616	2.42%	0.272%
27	14.228	1289	1291	1293	rBV3	53298	81734	1.56%	0.176%
28	14.267	1293	1295	1298	rBV2	185967	282798	5.40%	0.608%
29	14.316	1298	1300	1302	rBV3	99203	168128	3.21%	0.362%
30	14.444	1311	1313	1315	rBV2	107543	121804	2.32%	0.262%
31	14.513	1315	1320	1321	rBV3	234258	497136	9.49%	1.070%
32	14.543	1321	1323	1325	rVB2	310896	378708	7.23%	0.815%
33	14.582	1325	1327	1331	rVB3	172760	265387	5.06%	0.571%
34	14.641	1331	1333	1338	rBV3	528826	1204827	22.99%	2.592%

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35	14.730	1338	1342	1344	rBV3	277609	586720	11.20%	1.262%
36	14.769	1344	1346	1348	rBV2	156605	225102	4.30%	0.484%
37	14.838	1348	1353	1355	rBV6	188494	646237	12.33%	1.390%
38	14.887	1355	1358	1362	rBV5	273101	650846	12.42%	1.400%
39	14.985	1365	1368	1370	rBV2	562693	888263	16.95%	1.911%
40	15.015	1370	1371	1373	rVB2	185535	180775	3.45%	0.389%
41	15.133	1380	1383	1385	rBV3	458386	692040	13.21%	1.489%
42	15.212	1388	1391	1393	rBV4	263614	507022	9.68%	1.091%
43	15.251	1393	1395	1398	rVB3	396639	632445	12.07%	1.361%
44	15.350	1400	1405	1410	rVV6	748245	2157871	41.18%	4.643%
45	15.576	1425	1428	1430	rVB3	590455	929029	17.73%	1.999%
46	15.891	1458	1460	1465	rVB4	516722	1022014	19.50%	2.199%
47	16.088	1478	1480	1483	rVB4	249784	371347	7.09%	0.799%
48	16.599	1529	1532	1537	rVB4	114115	264095	5.04%	0.568%
49	16.954	1563	1568	1574	rVB4	42299	141570	2.70%	0.305%

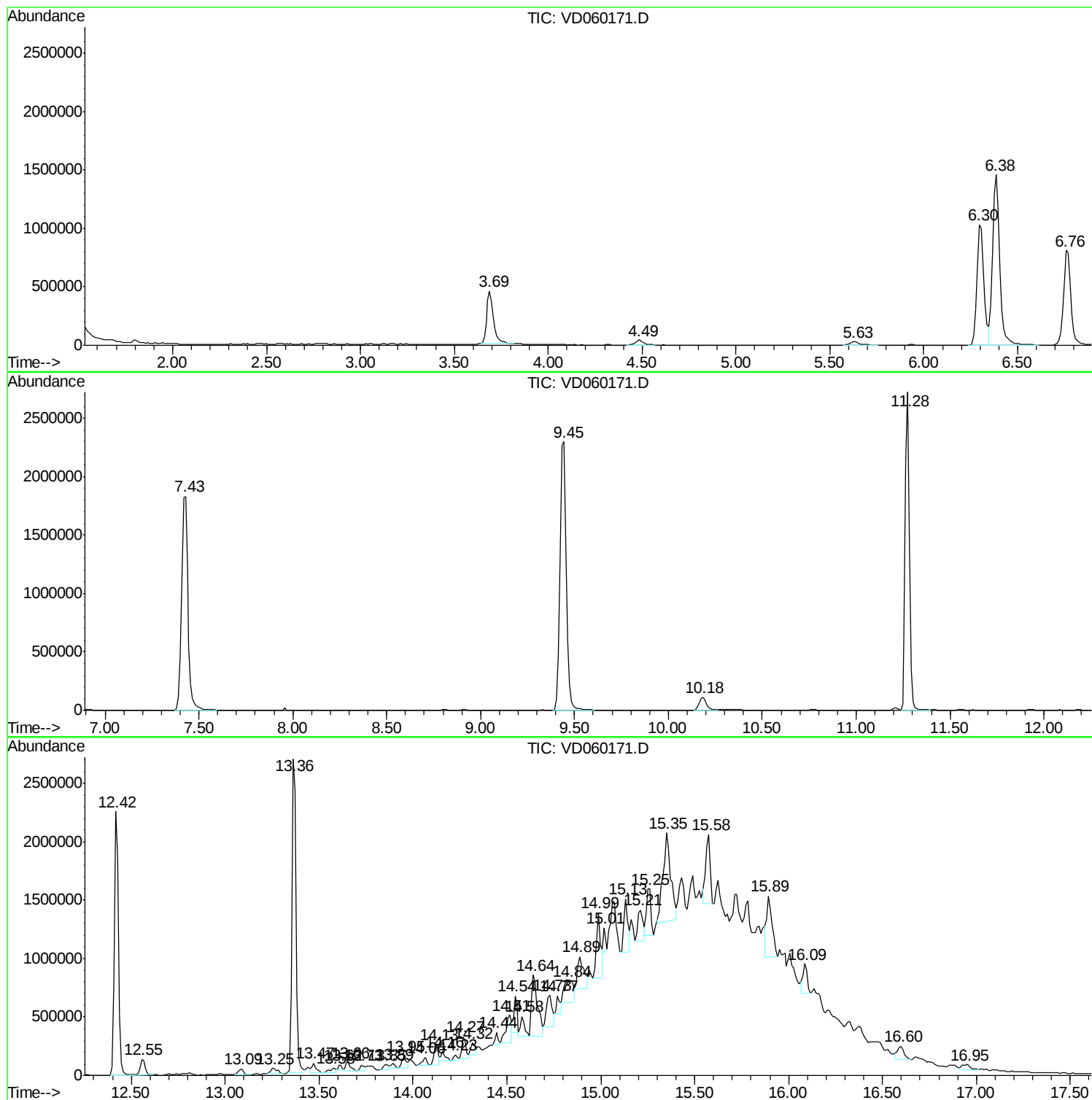
Sum of corrected areas: 46480530

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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 Naphthalene, 1,2,3,4-tetra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	15.15 ug/l	1204830	1,4-Dichlorobenzene-d4	13.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-	132 C10H12	000119-64-2 90
2		Cyclohexene, 1,6-dimethyl-	110 C8H14	001759-64-4 83
3		cis,cis-1,6-Dimethylspiro[4.5]de...	166 C12H22	1000111-72-4 55
4		trans,trans-1,6-Dimethylspiro[4....	166 C12H22	1000111-72-1 55
5		Naphthalene, decahydro-2,6-dimet...	166 C12H22	001618-22-0 55

Peak Number 2 Naphthalene, decahydro-2,6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	7.38 ug/l	586720	1,4-Dichlorobenzene-d4	13.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-2,6-dimet...	166 C12H22	001618-22-0 70
2		Benzene, (1,2-dimethyl-1-propenyl)-	146 C11H14	000769-57-3 55
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146 C11H14	004175-53-5 53
4		trans,trans-1,6-Dimethylspiro[4....	166 C12H22	1000111-72-1 45
5		1-Cyclohexanone, 3,5,5-trimethyl...	166 C11H18O	027749-07-1 44

Peak Number 3 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	8.13 ug/l	646237	1,4-Dichlorobenzene-d4	13.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Indene, 2,3-dihydro-1,1-dimet...	146 C11H14	004912-92-9 55
2		Cyclopropane, 1-chloro-1-methyl-...	166 C10H11Cl	1000161-07-9 55
3		2,2-Dimethylindene, 2,3-dihydro-	146 C11H14	020836-11-7 46
4		Benzene, 1-(chloromethyl)-4-(2-p...	166 C10H11Cl	036875-10-2 43
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146 C11H14	017059-48-2 30

Peak Number 4 Cyclopentane, 1-butyl-2-pro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
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14.89	8.19 ug/l	650846	1,4-Dichlorobenzene-d4	13.37			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	60
2			6-Dodecene, (E)-	168	C12H24	007206-17-9	55
3			Cyclopentane, propyl-	112	C8H16	002040-96-2	43
4			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	43
5			2-Dodecene, (E)-	168	C12H24	007206-13-5	38

 Peak Number 5 cis, cis-3-Ethylbicyclo[4.4... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.99	11.17 ug/l	888263	1,4-Dichlorobenzene-d4	13.37		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	86
2		3,5-Octadiene, 4,5-diethyl-	166	C12H22	067652-84-0	64
3		cis, cis-2-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-40-0	60
4		trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	53
5		trans,trans-1,8-Dimethylspiro[4....	166	C12H22	1000111-72-8	53

 Peak Number 6 2(1H)-Naphthalenone, octahy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.13	8.70 ug/l	692040	1,4-Dichlorobenzene-d4	13.37		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2(1H)-Naphthalenone, octahydro-1...	180	C12H20O	022738-31-4	60
2		Bicyclo[4.1.0]heptane, 2-methyl-...	180	C13H24	055937-92-3	45
3		cis,trans-1,9-Dimethylspiro[5.5]...	180	C13H24	1000111-73-3	43
4		trans,cis-2,8-Dimethylspiro[5.5]...	180	C13H24	095472-52-9	41
5		Bicyclo[2.2.1]heptane-2,5-dione, ...	166	C10H14O2	004230-32-4	41

 Peak Number 7 unknown15.25 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.25	7.95 ug/l	632445	1,4-Dichlorobenzene-d4	13.37		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual

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1 Bicyclo[3.3.1]nonan-9-one, 1,2,4... 225 C12H19NO3 129967-65-3 43
2 1H-Indene, 1-ethyloctahydro-7a-m... 166 C12H22 056324-71-1 38
3 trans,cis-2,8-Dimethylspiro[5.5]... 180 C13H24 095472-52-9 30
4 cis,cis-2,9-Dimethylspiro[5.5]un... 180 C13H24 095472-51-8 30
5 cis,cis-2,8-Dimethylspiro[5.5]un... 180 C13H24 095530-75-9 27
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 Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	27.14 ug/l	2157870	1,4-Dichlorobenzene-d4	13.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
3		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	60
4		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	46
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	42

 Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	11.68 ug/l	929029	1,4-Dichlorobenzene-d4	13.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	78
2		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	60
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	60
4		1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	49
5		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	46

 Peak Number 10 unknown15.89 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	12.85 ug/l	1022010	1,4-Dichlorobenzene-d4	13.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, [(cyclohex-1-en-1-yl)me...	172	C13H16	004714-09-4	22
2		2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	18
3		Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	14

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4	4-Ethylcyclohexene	110	C8H14	003742-42-5	14
5	2,4-Octadienal, (E,E)-	124	C8H12O	030361-28-5	11

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1,2,...	14.64	15.2	ug/l	1204830	4	13.37	3975600	50.0
Naphthalene, deca...	14.73	7.4	ug/l	586720	4	13.37	3975600	50.0
1H-Indene, 2,3-di...	14.84	8.1	ug/l	646237	4	13.37	3975600	50.0
Cyclopentane, 1-b...	14.89	8.2	ug/l	650846	4	13.37	3975600	50.0
cis, cis-3-Ethylb...	14.99	11.2	ug/l	888263	4	13.37	3975600	50.0
2(1H)-Naphthaleno...	15.13	8.7	ug/l	692040	4	13.37	3975600	50.0
unknown15.25	15.25	8.0	ug/l	632445	4	13.37	3975600	50.0
Naphthalene, 1,2,...	15.35	27.1	ug/l	2157870	4	13.37	3975600	50.0
Naphthalene, 1,2,...	15.58	11.7	ug/l	929029	4	13.37	3975600	50.0
unknown15.89	15.89	12.9	ug/l	1022010	4	13.37	3975600	50.0