

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061418\
 Data File : VD058149.D
 Acq On : 14 Jun 2018 21:34
 Operator : VA/AP
 Sample : J3241-07
 Misc : 5.52g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-05-061318-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	1.209	94	100	102	rBV	848879	1684992	50.56%	7.743%
2	1.268	102	106	126	rVB	992337	3332615	100.00%	15.313%
3	3.060	283	288	300	rBV	48963	126356	3.79%	0.581%
4	5.550	533	541	545	rBV	355542	918659	27.57%	4.221%
5	5.639	545	550	561	rVB	601784	1671537	50.16%	7.681%
6	6.013	583	588	599	rBV	268279	713154	21.40%	3.277%
7	6.692	651	657	672	rBV	820831	2022408	60.69%	9.293%
8	8.710	856	862	870	rBV	425722	966772	29.01%	4.442%
9	10.689	1059	1063	1069	rBV	807978	1418138	42.55%	6.516%
10	11.368	1127	1132	1135	rBV5	14323	36618	1.10%	0.168%
11	11.673	1158	1163	1171	rBV5	25272	88574	2.66%	0.407%
12	11.929	1186	1189	1193	rBV	643111	981878	29.46%	4.512%
13	12.087	1202	1205	1213	rVB2	76924	153046	4.59%	0.703%
14	12.205	1213	1217	1221	rBV5	24072	63861	1.92%	0.293%
15	12.264	1221	1223	1225	rBV2	32720	53408	1.60%	0.245%
16	12.313	1225	1228	1230	rVV2	36172	53945	1.62%	0.248%
17	12.353	1230	1232	1235	rVB2	33578	46338	1.39%	0.213%
18	12.500	1240	1247	1251	rBV4	41231	125106	3.75%	0.575%
19	12.628	1255	1260	1261	rBV4	22444	48762	1.46%	0.224%
20	12.658	1261	1263	1268	rVB3	25554	57320	1.72%	0.263%
21	12.737	1268	1271	1273	rBV2	28266	59891	1.80%	0.275%
22	12.835	1278	1281	1285	rBV4	43946	73651	2.21%	0.338%
23	12.904	1285	1288	1291	rVV	1050186	1520834	45.63%	6.988%
24	12.943	1291	1292	1295	rVB	79727	99507	2.99%	0.457%
25	13.032	1295	1301	1304	rVB5	36318	99658	2.99%	0.458%
26	13.101	1304	1308	1309	rBV3	22327	41573	1.25%	0.191%
27	13.130	1309	1311	1313	rVB	35176	35189	1.06%	0.162%
28	13.199	1313	1318	1322	rBV2	161323	348221	10.45%	1.600%
29	13.298	1325	1328	1331	rBV2	66167	129986	3.90%	0.597%
30	13.416	1335	1340	1341	rBV4	39440	93761	2.81%	0.431%
31	13.455	1341	1344	1346	rVB	104739	132262	3.97%	0.608%
32	13.554	1349	1354	1357	rBV5	101891	257691	7.73%	1.184%
33	13.623	1357	1361	1363	rBV3	83893	135819	4.08%	0.624%
34	13.672	1363	1366	1369	rVV3	132700	216925	6.51%	0.997%

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35	13.711	1369	1370	1372	rVV2	27749	37578	1.13%	0.173%
36	13.741	1372	1373	1375	rVB	53229	52827	1.59%	0.243%
37	13.780	1375	1377	1379	rVB	61815	70188	2.11%	0.323%
38	13.829	1379	1382	1385	rBV2	172645	307975	9.24%	1.415%
39	13.879	1385	1387	1390	rVV3	70975	143971	4.32%	0.662%
40	13.928	1390	1392	1394	rVB2	62477	68506	2.06%	0.315%
41	13.997	1397	1399	1401	rBV2	21222	36303	1.09%	0.167%
42	14.066	1404	1406	1408	rVV	166874	242887	7.29%	1.116%
43	14.105	1408	1410	1412	rVB	106299	127091	3.81%	0.584%
44	14.144	1412	1414	1416	rBV	100679	119699	3.59%	0.550%
45	14.203	1416	1420	1423	rBV3	129349	218502	6.56%	1.004%
46	14.331	1429	1433	1435	rBV3	79358	159670	4.79%	0.734%
47	14.400	1435	1440	1442	rVB6	91246	238947	7.17%	1.098%
48	14.440	1442	1444	1446	rBV2	45512	78073	2.34%	0.359%
49	14.469	1446	1447	1449	rVB2	78131	71853	2.16%	0.330%
50	14.509	1449	1451	1453	rVB2	51643	49352	1.48%	0.227%
51	14.577	1453	1458	1459	rBV3	85023	160288	4.81%	0.737%
52	14.627	1459	1463	1466	rBV2	132214	222236	6.67%	1.021%
53	14.804	1478	1481	1482	rBV3	23852	40691	1.22%	0.187%
54	14.873	1485	1488	1489	rBV2	89855	133381	4.00%	0.613%
55	14.902	1489	1491	1493	rVB	74759	83873	2.52%	0.385%
56	14.961	1495	1497	1500	rBV2	69086	121299	3.64%	0.557%
57	15.011	1500	1502	1504	rBV2	51591	72636	2.18%	0.334%
58	15.099	1509	1511	1514	rVV2	149514	207409	6.22%	0.953%
59	15.148	1514	1516	1518	rVV3	33504	53846	1.62%	0.247%
60	15.178	1518	1519	1521	rVV	30411	40574	1.22%	0.186%
61	15.237	1521	1525	1527	rVV2	101104	192831	5.79%	0.886%
62	15.276	1527	1529	1531	rVV2	69375	109728	3.29%	0.504%
63	15.316	1531	1533	1537	rVV4	36503	66507	2.00%	0.306%
64	15.395	1537	1541	1544	rVV4	70948	173288	5.20%	0.796%
65	15.434	1544	1545	1547	rVV	57403	54276	1.63%	0.249%
66	15.483	1547	1550	1555	rVV6	51988	122334	3.67%	0.562%
67	15.562	1555	1558	1560	rVV4	20536	40491	1.21%	0.186%
68	15.749	1572	1577	1579	rBV3	18149	35290	1.06%	0.162%

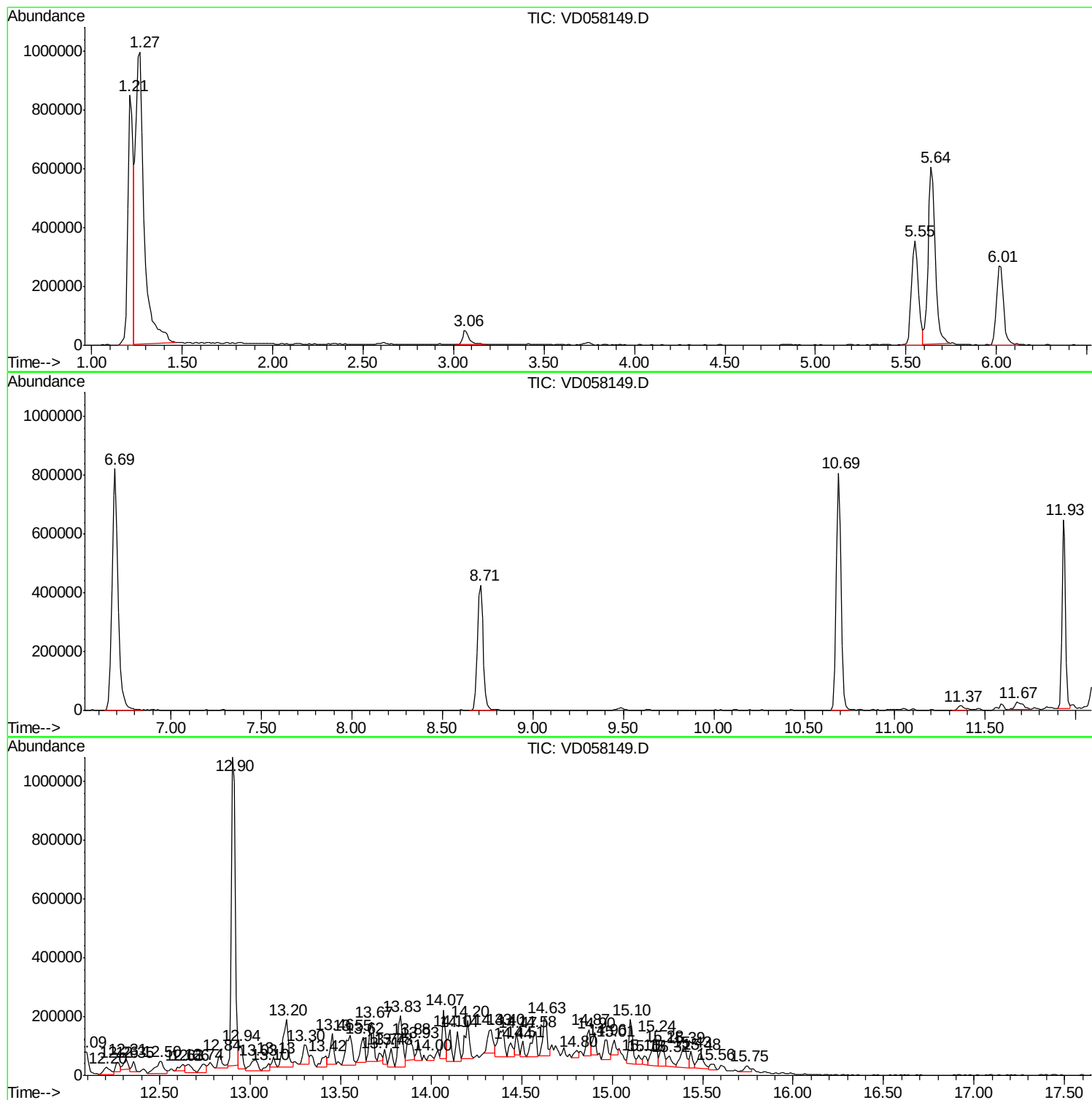
Sum of corrected areas: 21762855

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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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	11.45 ug/l	348221	1,4-Dichlorobenzene-d4	12.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-, trans-	138 C10H18	000493-02-7 94
2		Naphthalene, decahydro-	138 C10H18	000091-17-8 94
3		Naphthalene, decahydro-, cis-	138 C10H18	000493-01-6 90
4		Spiro[4.5]decane	138 C10H18	000176-63-6 87
5		Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138 C9H14O	000513-20-2 87

Peak Number 2 Benzene, 1-methyl-4-(2-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	8.47 ug/l	257691	1,4-Dichlorobenzene-d4	12.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-methyl-4-(2-methylpro...	148 C11H16	005161-04-6 64
2		Benzene, 1,2-diethyl-	134 C10H14	000135-01-3 60
3		4-Methylphenyl acetone	148 C10H12O	002096-86-8 60
4		Benzene, 1,3-diethyl-5-methyl-	148 C11H16	002050-24-0 58
5		Benzene, 1-ethyl-2,3-dimethyl-	134 C10H14	000933-98-2 55

Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	7.13 ug/l	216925	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		1-Methyldecahydronaphthalene	152 C11H20	002958-75-0 90
3		trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3 90
4		Cyclohexanone, 5-methyl-2-(1-met...	152 C10H16O	015932-80-6 64
5		9-Methylbicyclo[3.3.1]nonane	138 C10H18	025107-01-1 53

Peak Number 4 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
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13.83	10.13 ug/l	307975	1,4-Dichlorobenzene-d4	12.91			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	50
2			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	30
3			Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	25
4			Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	25
5			Diisopropylaminoacrylonitril	152	C9H16N2	038691-28-0	22

 Peak Number 5 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.07	7.99 ug/l	242887	1,4-Dichlorobenzene-d4	12.91		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		o-Cymene	134	C10H14	000527-84-4	87
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	83

 Peak Number 6 unknown14.20 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.20	7.18 ug/l	218502	1,4-Dichlorobenzene-d4	12.91		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclododecene, (Z)-	166	C12H22	001129-89-1	38
2		Cyclododecene, (E)-	166	C12H22	001486-75-5	30
3		o-Toluic acid, 1-(cyclopentyl)et...	232	C15H20O2	1000293-34-7	27
4		4-Dodecyne	166	C12H22	022058-01-1	22
5		Cyclohexene, 3-(bromomethyl)-	174	C7H11Br	034825-93-9	18

 Peak Number 7 unknown14.40 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.40	7.86 ug/l	238947	1,4-Dichlorobenzene-d4	12.91		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual

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1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	49
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	49
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	46
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	43

Peak Number 8 unknown14.63 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	7.31 ug/l	222236	1,4-Dichlorobenzene-d4	12.91

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.2.0]octa-1,3,5-triene,...	160	C12H16	078920-29-3	42
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	41
3			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	41
4			1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	38
5			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	38

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, deca...	13.20	11.4	ug/l	348221	4	12.91	1520830	50.0
Benzene, 1-methyl...	13.55	8.5	ug/l	257691	4	12.91	1520830	50.0
Naphthalene, deca...	13.67	7.1	ug/l	216925	4	12.91	1520830	50.0
Benzene, 1,3-diet...	13.83	10.1	ug/l	307975	4	12.91	1520830	50.0
o-Cymene	14.07	8.0	ug/l	242887	4	12.91	1520830	50.0
unknown14.20	14.20	7.2	ug/l	218502	4	12.91	1520830	50.0
unknown14.40	14.40	7.9	ug/l	238947	4	12.91	1520830	50.0
unknown14.63	14.63	7.3	ug/l	222236	4	12.91	1520830	50.0