

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090518\
 Data File : VD059974.D
 Acq On : 5 Sep 2018 17:33
 Operator : JC/SY
 Sample : J4724-14
 Misc : 5.61g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SUT-8USTS-W

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\82D082218S.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	1.418	117	121	123	rVV	1631720	3418232	54.89%	5.270%
2	1.477	123	127	145	rVV	1963775	6227323	100.00%	9.600%
3	1.683	145	148	157	rVV	54618	177759	2.85%	0.274%
4	1.821	157	162	167	rVB4	31696	82555	1.33%	0.127%
5	3.681	347	351	364	rVB2	80381	215441	3.46%	0.332%
6	4.783	453	463	468	rBV	43035	116906	1.88%	0.180%
7	5.452	525	531	540	rBV	62869	179191	2.88%	0.276%
8	6.072	587	594	602	rVB2	28493	77799	1.25%	0.120%
9	6.299	611	617	621	rBV	1006412	2532259	40.66%	3.904%
10	6.377	621	625	640	rVB	1487359	3765682	60.47%	5.805%
11	6.761	657	664	680	rBV	746274	1854506	29.78%	2.859%
12	7.421	725	731	748	rBV	1943549	4509751	72.42%	6.952%
13	9.153	902	907	911	rBV	51638	116047	1.86%	0.179%
14	9.438	930	936	951	rBV	2072149	4489466	72.09%	6.921%
15	10.176	1004	1011	1019	rBV	230949	633724	10.18%	0.977%
16	11.268	1118	1122	1134	rBV	2607396	4220856	67.78%	6.507%
17	11.869	1179	1183	1187	rBV4	35888	90451	1.45%	0.139%
18	12.085	1199	1205	1208	rBV3	48700	117790	1.89%	0.182%
19	12.193	1208	1216	1221	rVV5	58725	219039	3.52%	0.338%
20	12.331	1227	1230	1234	rBV3	52972	125489	2.02%	0.193%
21	12.420	1235	1239	1243	rBV	2597738	3763363	60.43%	5.802%
22	12.567	1249	1254	1260	rBV2	305476	584094	9.38%	0.900%
23	12.685	1264	1266	1269	rVB3	69173	114887	1.84%	0.177%
24	12.744	1269	1272	1274	rBV3	94335	174043	2.79%	0.268%
25	12.784	1274	1276	1277	rVV2	58597	87653	1.41%	0.135%
26	12.813	1277	1279	1282	rVB2	296084	438717	7.05%	0.676%
27	12.882	1282	1286	1291	rVB2	212507	439615	7.06%	0.678%
28	12.990	1291	1297	1299	rBV4	135834	405670	6.51%	0.625%
29	13.040	1299	1302	1305	rVV3	203228	413929	6.65%	0.638%
30	13.089	1305	1307	1311	rVB4	121881	246697	3.96%	0.380%
31	13.217	1317	1320	1321	rBV2	128358	225423	3.62%	0.348%
32	13.256	1321	1324	1327	rVV2	433414	715367	11.49%	1.103%
33	13.325	1328	1331	1332	rVV2	257460	434006	6.97%	0.669%
34	13.364	1332	1335	1337	rVV	3316333	4369980	70.17%	6.737%

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35	13.404	1337	1339	1341	rVV	740871	1076649	17.29%	1.660%
36	13.443	1341	1343	1344	rVV	489976	717676	11.52%	1.106%
37	13.463	1344	1345	1350	rVV3	362596	805705	12.94%	1.242%
38	13.542	1350	1353	1355	rVV2	85136	176751	2.84%	0.272%
39	13.610	1355	1360	1362	rVV4	267536	685696	11.01%	1.057%
40	13.669	1362	1366	1370	rVV6	364913	1128273	18.12%	1.739%
41	13.738	1370	1373	1375	rVV2	248709	609036	9.78%	0.939%
42	13.788	1375	1378	1382	rVV3	348185	888643	14.27%	1.370%
43	13.856	1382	1385	1386	rVV2	291583	567771	9.12%	0.875%
44	13.896	1386	1389	1391	rVV2	439552	863635	13.87%	1.331%
45	13.945	1391	1394	1395	rVV3	212055	441176	7.08%	0.680%
46	13.984	1395	1398	1402	rVV	610364	1236772	19.86%	1.907%
47	14.043	1402	1404	1408	rVV4	283297	651363	10.46%	1.004%
48	14.102	1408	1410	1414	rVV3	255149	649633	10.43%	1.002%
49	14.181	1415	1418	1420	rVV	695674	1062499	17.06%	1.638%
50	14.211	1420	1421	1425	rVV2	615161	1172478	18.83%	1.808%
51	14.299	1425	1430	1431	rVV5	389226	1108052	17.79%	1.708%
52	14.319	1431	1432	1436	rVV	766389	1093336	17.56%	1.686%
53	14.417	1440	1442	1444	rVV3	77996	150621	2.42%	0.232%
54	14.467	1444	1447	1448	rVV	220996	306686	4.92%	0.473%
55	14.506	1448	1451	1456	rVV	1438271	1966410	31.58%	3.032%
56	14.575	1456	1458	1460	rVV	86178	126235	2.03%	0.195%
57	14.614	1460	1462	1464	rVV2	188072	276196	4.44%	0.426%
58	14.654	1464	1466	1468	rVB	64444	80916	1.30%	0.125%
59	14.772	1473	1478	1482	rVV4	179622	715573	11.49%	1.103%
60	14.831	1482	1484	1486	rVV2	154528	224208	3.60%	0.346%
61	14.900	1489	1491	1493	rVB2	88930	95400	1.53%	0.147%
62	14.939	1493	1495	1497	rBV	112628	132618	2.13%	0.204%
63	14.978	1497	1499	1503	rVV3	69666	116055	1.86%	0.179%
64	15.047	1503	1506	1509	rVV3	79212	156106	2.51%	0.241%

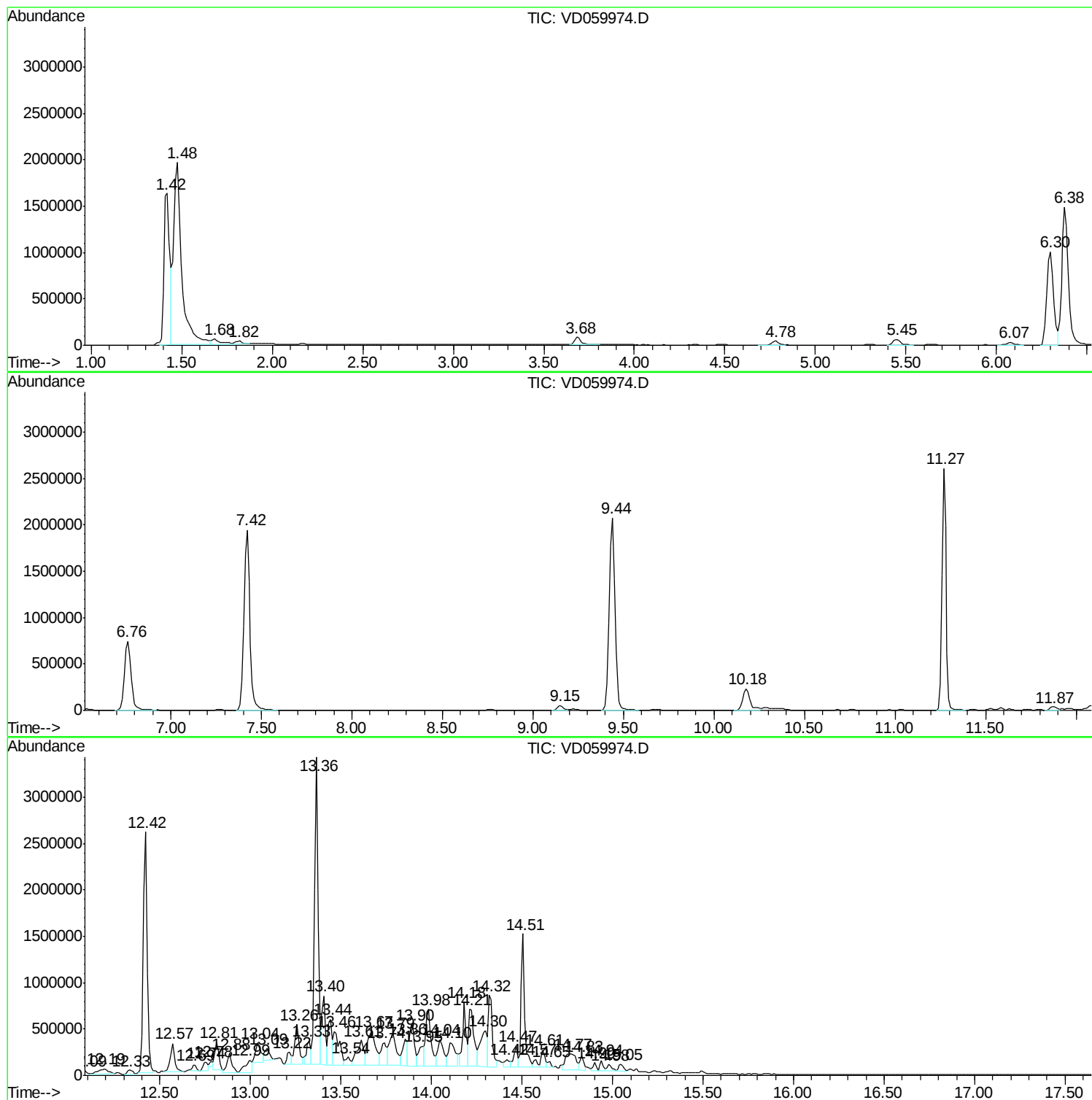
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Quant Title : SW846 8260

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



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Peak Number 1 2-Cyclohexen-1-ol, 2-methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.67	12.91 ug/l	1128270	1,4-Dichlorobenzene-d4	13.36	
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual	
1	2-Cyclohexen-1-ol, 2-methyl-5-(1...	152	C10H16O	001197-06-4	58
2	trans-3(10)-Caren-2-ol	152	C10H16O	1000151-66-5	38
3	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	30
4	Thujone	152	C10H16O	000546-80-5	25
5	1,2,3-Trimethyl-cyclopent-2-enec...	138	C9H14O	1000190-18-1	22

Peak Number 2 Cyclohexane, 2,4-diethyl-1-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.79	10.17 ug/l	888643	1,4-Dichlorobenzene-d4	13.36	
Hit# of	5	Tentative ID	MW MolForm	CAS#	Qual
1	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	72
2	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	72
3	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	50
4	Cyclohexanecarboxylic acid, 4-pr...	368	C22H28N2O3	075941-67-2	37
5	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	28

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.98	14.15 ug/l	1236770	1,4-Dichlorobenzene-d4	13.36	
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual	
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	p-Cymene	134	C10H14	000099-87-6	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93

Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
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14.18	12.16 ug/l	1062500	1,4-Dichlorobenzene-d4	13.36			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.21	13.42 ug/l	1172480	1,4-Dichlorobenzene-d4	13.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5	o-Cymene	134	C10H14	000527-84-4	91

 Peak Number 6 1,3,5-Trimethyladamantane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.30	12.68 ug/l	1108050	1,4-Dichlorobenzene-d4	13.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	52
2	1,3,4-Trimethyladamantane	178	C13H22	1000214-98-3	49
3	1,2-Dimethyl-5-nitroadamantane	209	C12H19NO2	006588-68-7	42
4	1,3-Dioxolane, 2-(bromomethyl)-2...	256	C11H13BrO2	024169-43-5	40
5	1,3,6-Trimethyladamantane	178	C13H22	024139-37-5	40

 Peak Number 7 Benzene, 1,4-dimethyl-2-(1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.32	12.51 ug/l	1093340	1,4-Dichlorobenzene-d4	13.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual

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1	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	91
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	91
3	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	91
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	91
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	90

Peak Number 8 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	22.50 ug/l	1966410	1,4-Dichlorobenzene-d4	13.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Cyclohexen-1-ol...	13.67	12.9	ug/l	1128270	4	13.36	4369980	50.0
Cyclohexane, 2,4-...	13.79	10.2	ug/l	888643	4	13.36	4369980	50.0
Benzene, 2-ethyl-...	13.98	14.2	ug/l	1236770	4	13.36	4369980	50.0
Benzene, 1,2,4,5-...	14.18	12.2	ug/l	1062500	4	13.36	4369980	50.0
Benzene, 1,2,3,4-...	14.21	13.4	ug/l	1172480	4	13.36	4369980	50.0
1,3,5-Trimethylad...	14.30	12.7	ug/l	1108050	4	13.36	4369980	50.0
Benzene, 1,4-dime...	14.32	12.5	ug/l	1093340	4	13.36	4369980	50.0
o-Cymene	14.51	22.5	ug/l	1966410	4	13.36	4369980	50.0