

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061818\
 Data File : VF059176.D
 Acq On : 18 Jun 2018 15:29
 Operator : VA/AP
 Sample : J3566-03
 Misc : 5.47g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-8-S

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_F\METHODS\82F060618S.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	1.104	55	58	63	rVB2	26568	42258	2.89%	0.319%
2	2.277	173	177	178	rBV	14421	26510	1.81%	0.200%
3	2.316	179	181	188	rVB3	16031	42965	2.94%	0.324%
4	3.075	256	258	263	rVB2	10212	17202	1.18%	0.130%
5	3.430	292	294	296	rBV	19957	15360	1.05%	0.116%
6	4.189	365	371	374	rBV3	8877	29361	2.01%	0.222%
7	4.278	374	380	394	rVB2	177167	564517	38.63%	4.260%
8	5.027	448	456	471	rBV2	402245	1351336	92.48%	10.197%
9	5.757	524	530	541	rBV	387471	1048378	71.75%	7.911%
10	7.698	721	727	737	rBV	490597	1197563	81.96%	9.037%
11	8.339	788	792	800	rBV2	6535	22235	1.52%	0.168%
12	9.906	946	951	960	rBV	549208	1241018	84.93%	9.365%
13	11.503	1109	1113	1118	rBV	610574	1027132	70.29%	7.751%
14	11.641	1123	1127	1130	rVV	48050	91378	6.25%	0.690%
15	11.740	1134	1137	1139	rVB	24797	37226	2.55%	0.281%
16	11.888	1151	1152	1153	rBV	24451	18402	1.26%	0.139%
17	12.075	1169	1171	1174	rBV3	9602	19057	1.30%	0.144%
18	12.154	1174	1179	1180	rBV4	31078	73934	5.06%	0.558%
19	12.213	1180	1185	1188	rVV7	26138	106050	7.26%	0.800%
20	12.627	1223	1227	1235	rBV	960197	1461178	100.00%	11.026%
21	13.218	1279	1287	1298	rVB7	64687	371246	25.41%	2.801%
22	13.445	1304	1310	1319	rBV4	55387	247374	16.93%	1.867%
23	13.770	1340	1343	1349	rVB3	79987	169847	11.62%	1.282%
24	13.908	1354	1357	1361	rVB3	67866	130630	8.94%	0.986%
25	14.007	1362	1367	1371	rBV3	24951	86091	5.89%	0.650%
26	14.106	1371	1377	1381	rBV7	34336	119288	8.16%	0.900%
27	14.214	1385	1388	1392	rBV4	52505	94516	6.47%	0.713%
28	14.283	1392	1395	1398	rBV	45202	62142	4.25%	0.469%
29	14.362	1399	1403	1408	rBV2	161378	312652	21.40%	2.359%
30	14.490	1412	1416	1418	rBV3	56446	122755	8.40%	0.926%
31	14.520	1418	1419	1421	rVB2	31689	29709	2.03%	0.224%
32	14.559	1421	1423	1424	rBV2	48821	66705	4.57%	0.503%
33	14.677	1431	1435	1437	rBV4	39785	80479	5.51%	0.607%
34	14.746	1440	1442	1443	rBV2	25396	30526	2.09%	0.230%

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35	14.805	1445	1448	1451	rVB4	118286	202257	13.84%	1.526%
36	14.865	1451	1454	1456	rBV3	42188	71902	4.92%	0.543%
37	14.934	1458	1461	1462	rBV2	39359	76361	5.23%	0.576%
38	15.081	1472	1476	1483	rBV3	194209	579947	39.69%	4.376%
39	15.190	1483	1487	1489	rVV	157343	313865	21.48%	2.368%
40	15.249	1489	1493	1495	rVV3	143922	339053	23.20%	2.558%
41	15.348	1499	1503	1507	rVV6	100022	289091	19.78%	2.181%
42	15.417	1507	1510	1513	rVV4	64976	152333	10.43%	1.149%
43	15.515	1518	1520	1522	rVV2	84057	148532	10.17%	1.121%
44	15.564	1522	1525	1528	rVV2	182251	305889	20.93%	2.308%
45	15.643	1530	1533	1535	rVB	137773	233328	15.97%	1.761%
46	15.900	1557	1559	1563	rVB4	50846	91988	6.30%	0.694%
47	16.018	1569	1571	1576	rBV4	46537	90575	6.20%	0.683%

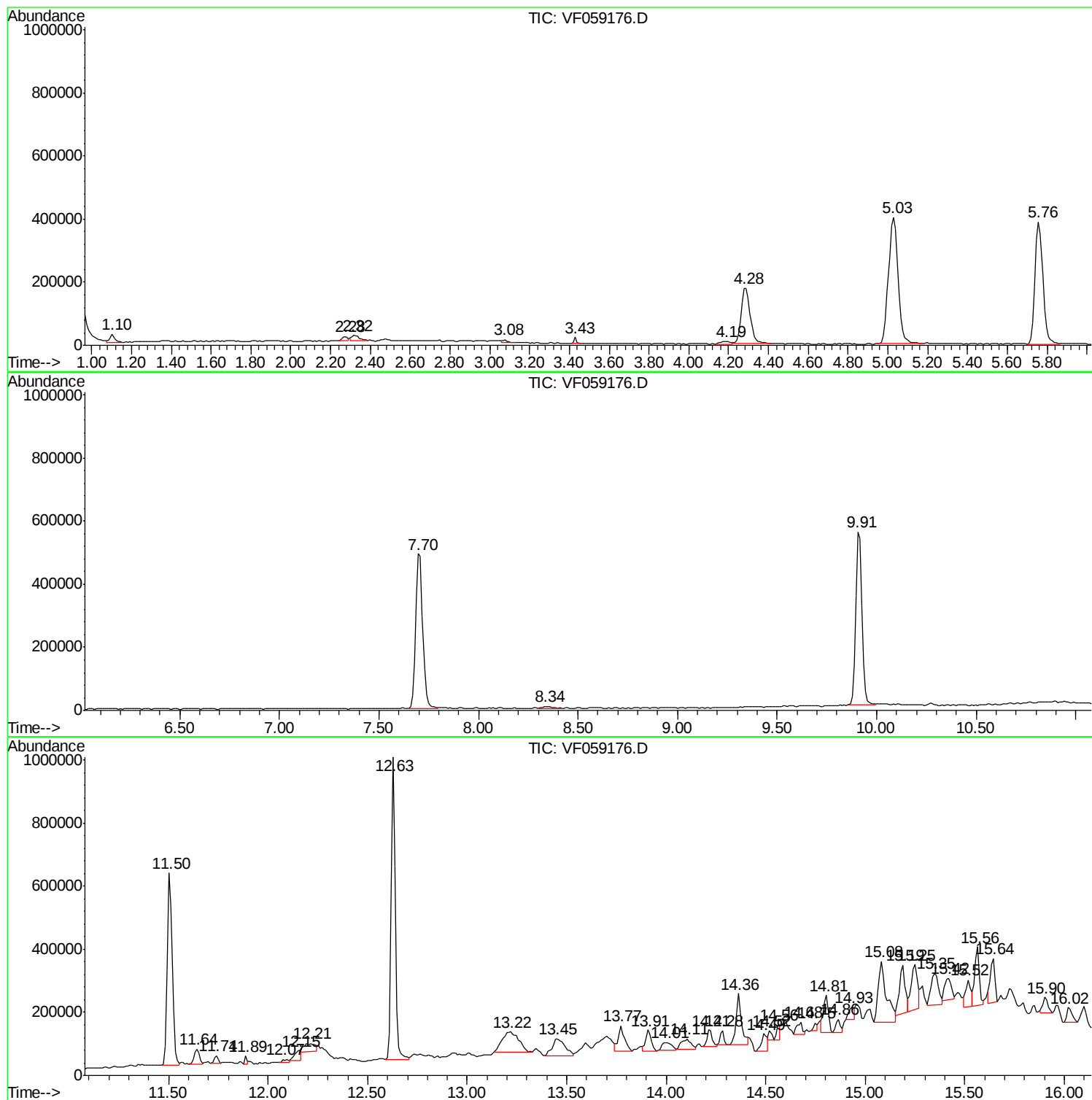
Sum of corrected areas: 13252141

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



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Peak Number 1 Naphthalene, 2-(1-methyleth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	8.46 ug/l	247374	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 70
2		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 70
3		2-Naphthyl methyl ketone	170 C12H10O	000093-08-3 52
4		Ethanone, 1-(1-Naphthalenyl)-	170 C12H10O	000941-98-0 52
5		Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1 50

Peak Number 2 unknown14.36 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	10.70 ug/l	312652	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		5-(1-Iodo-1-methyl-ethyl)-3,3-di...	282 C9H15IO2	1000190-61-9 46
2		Hexadecane, 2,6,10,14-tetramethyl-	282 C20H42	000638-36-8 45
3		Octane, 2,6-dimethyl-	142 C10H22	002051-30-1 41
4		Tridecane, 7-methyl-	198 C14H30	026730-14-3 38
5		Sulfurous acid, di(2-ethylhexyl)...	306 C16H34O3S	1000309-19-1 35

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	6.92 ug/l	202257	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Indene, 2,3-dihydro-1,2-dimet...	146 C11H14	017057-82-8 90
2		1H-Indene, 2,3-dihydro-5,6-dimet...	146 C11H14	001075-22-5 89
3		Benzene, (3-methyl-2-butenyl)-	146 C11H14	004489-84-3 81
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9 81
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146 C11H14	004175-53-5 81

Peak Number 4 Dodecane, 2,6,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
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15.08	19.85 ug/l	579947	1,4-Dichlorobenzene-d4	12.63			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	62
2			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	58
3			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	53
4			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	52
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50

 Peak Number 5 unknown15.19 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.19	10.74 ug/l	313865	1,4-Dichlorobenzene-d4	12.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxalic acid, monoamide, N-cyclohexyl-	255	C14H25NO3	1000309-48-3	38
2		Cyclopentanecarboxylic acid, 4-hydroxy-	338	C22H42O2	1000282-77-5	35
3		2-Thiopheneacetyl chloride	160	C6H5ClOS	039098-97-0	35
4		Thiophene, 3-ethyl-	112	C6H8S	001795-01-3	30
5		2,4,4,6,6,8,8-Heptamethyl-2-nonene	224	C16H32	039761-73-4	30

 Peak Number 6 unknown15.25 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.25	11.60 ug/l	339053	1,4-Dichlorobenzene-d4	12.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	46
2		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	38
3		Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	30
4		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	30
5		1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	27

 Peak Number 7 unknown15.35 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.35	9.89 ug/l	289091	1,4-Dichlorobenzene-d4		12.63	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual

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1	1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	001198-20-5	35
2	5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	25
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	18
4	4H-1,2,4-Triazole, 4-methyl-3-(m...	129	C4H7N3S	021094-61-1	14
5	Thiophene, 2-nitro-	129	C4H3NO2S	000609-40-5	11

Peak Number 8 unknown15.56 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	10.47 ug/l	305889	1,4-Dichlorobenzene-d4	12.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-bromo-	178	C7H15Br	001974-05-6	37
2		Heptane, 2-iodo-	226	C7H15I	018589-29-2	37
3		2-Azido-2,4,4,6,6,8,8-heptamethy...	267	C16H33N3	1000293-29-1	25
4		4-Octene, 2,2,3,7-tetramethyl-, ...	168	C12H24	063865-57-6	12
5		2,2-Dimethylpropanoic acid, trid...	280	C18H32O2	1000299-33-8	12

Peak Number 9 Pentadecane, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	7.98 ug/l	233328	1,4-Dichlorobenzene-d4	12.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	76
2		Tetracosane	338	C24H50	000646-31-1	72
3		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72
4		Tetradecane	198	C14H30	000629-59-4	64
5		Tetradecane, 4,11-dimethyl-	226	C16H34	055045-12-0	64

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2-(1...	13.45	8.5	ug/l	247374	4	12.63	1461180	50.0
unknown14.36	14.36	10.7	ug/l	312652	4	12.63	1461180	50.0
1H-Indene, 2,3-di...	14.81	6.9	ug/l	202257	4	12.63	1461180	50.0
Dodecane, 2,6,10-...	15.08	19.9	ug/l	579947	4	12.63	1461180	50.0
unknown15.19	15.19	10.7	ug/l	313865	4	12.63	1461180	50.0
unknown15.25	15.25	11.6	ug/l	339053	4	12.63	1461180	50.0
unknown15.35	15.35	9.9	ug/l	289091	4	12.63	1461180	50.0
unknown15.56	15.56	10.5	ug/l	305889	4	12.63	1461180	50.0
Pentadecane, 7-me...	15.64	8.0	ug/l	233328	4	12.63	1461180	50.0