

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070218\
 Data File : VF059389.D
 Acq On : 2 Jul 2018 16:13
 Operator : VA/AP
 Sample : J3802-03
 Misc : 6.49g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CF-3(10.0)

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\82F062518S.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	1.101	55	58	60	rVB	17295	21462	1.44%	0.182%
2	1.367	79	85	88	rBV8	5734	20327	1.36%	0.173%
3	1.426	88	91	98	rBV	25690	66719	4.47%	0.566%
4	2.264	173	176	178	rBV3	14236	27290	1.83%	0.232%
5	2.314	178	181	188	rVV5	17638	51430	3.44%	0.437%
6	2.521	199	202	209	rVB5	7431	20855	1.40%	0.177%
7	2.668	211	217	221	rBV3	11923	34724	2.32%	0.295%
8	3.033	252	254	259	rBV6	4290	16100	1.08%	0.137%
9	4.177	364	370	374	rBV2	18406	63697	4.26%	0.541%
10	4.275	374	380	388	rVV	153426	468710	31.38%	3.979%
11	4.689	409	422	436	rVB2	98535	610281	40.85%	5.180%
12	5.005	446	454	463	rBV3	221329	775852	51.94%	6.586%
13	5.744	520	529	539	rBV	227575	591991	39.63%	5.025%
14	6.404	585	596	608	rBV2	117741	423007	28.32%	3.591%
15	6.601	608	616	630	rVB2	76999	384179	25.72%	3.261%
16	7.272	677	684	693	rBV	102678	283833	19.00%	2.409%
17	7.686	721	726	732	rBV2	15599	39587	2.65%	0.336%
18	7.952	749	753	758	rVB7	8134	22541	1.51%	0.191%
19	8.129	767	771	775	rVB5	8706	21489	1.44%	0.182%
20	8.336	787	792	798	rBV2	6929	22497	1.51%	0.191%
21	8.760	830	835	838	rBV5	7515	23903	1.60%	0.203%
22	9.085	865	868	871	rBV4	6775	15433	1.03%	0.131%
23	9.519	905	912	917	rBV7	5986	23932	1.60%	0.203%
24	9.637	919	924	929	rVV3	17536	56216	3.76%	0.477%
25	9.726	929	933	936	rVV3	13641	35975	2.41%	0.305%
26	9.785	936	939	944	rVV2	18704	45874	3.07%	0.389%
27	9.894	944	950	956	rVB	88737	193380	12.94%	1.641%
28	10.101	967	971	977	rVB	22491	54560	3.65%	0.463%
29	10.357	990	997	1005	rBV10	9772	45076	3.02%	0.383%
30	10.761	1030	1038	1046	rBV	20986	58888	3.94%	0.500%
31	10.870	1046	1049	1052	rBV4	6248	16998	1.14%	0.144%
32	11.156	1073	1078	1082	rBV7	4407	16582	1.11%	0.141%
33	11.303	1088	1093	1097	rVV	218291	412253	27.60%	3.499%
34	11.441	1103	1107	1109	rBV4	11536	22135	1.48%	0.188%

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35	11.501	1109	1113	1119	rVV2	361243	681541	45.62%	5.785%
36	11.629	1123	1126	1130	rVB	39200	81902	5.48%	0.695%
37	11.727	1133	1136	1138	rBV3	39759	87117	5.83%	0.739%
38	11.777	1138	1141	1143	rVV3	52059	126815	8.49%	1.076%
39	11.846	1147	1148	1151	rVB3	17451	25116	1.68%	0.213%
40	12.033	1162	1167	1168	rBV4	10664	26312	1.76%	0.223%
41	12.062	1168	1170	1174	rVV2	30317	65182	4.36%	0.553%
42	12.131	1174	1177	1181	rVV	154511	258710	17.32%	2.196%
43	12.240	1184	1188	1196	rVB	58563	105434	7.06%	0.895%
44	12.358	1196	1200	1206	rBV	268918	476970	31.93%	4.049%
45	12.457	1206	1210	1213	rVV4	17494	50467	3.38%	0.428%
46	12.506	1213	1215	1218	rVV	54084	97171	6.50%	0.825%
47	12.585	1218	1223	1224	rVV	235758	456356	30.55%	3.874%
48	12.614	1224	1226	1234	rVV2	619621	1023759	68.53%	8.690%
49	12.723	1234	1237	1239	rVV3	15033	27561	1.84%	0.234%
50	12.772	1239	1242	1246	rVV	136774	217852	14.58%	1.849%
51	12.861	1246	1251	1253	rVV2	22255	59139	3.96%	0.502%
52	12.910	1253	1256	1259	rVV2	44105	81319	5.44%	0.690%
53	12.969	1259	1262	1265	rVB2	32210	52415	3.51%	0.445%
54	13.117	1274	1277	1281	rBV5	13081	37856	2.53%	0.321%
55	13.186	1282	1284	1289	rVB4	20228	42237	2.83%	0.359%
56	13.334	1294	1299	1304	rBV3	32138	83005	5.56%	0.705%
57	13.442	1307	1310	1311	rBV3	10742	15404	1.03%	0.131%
58	13.492	1311	1315	1318	rVB6	9063	21627	1.45%	0.184%
59	13.561	1318	1322	1323	rBV4	22622	51266	3.43%	0.435%
60	13.600	1323	1326	1331	rVV5	47110	101258	6.78%	0.859%
61	13.738	1332	1340	1350	rVV2	359132	1493880	100.00%	12.680%
62	13.866	1350	1353	1355	rVV	42623	59255	3.97%	0.503%
63	13.975	1362	1364	1372	rVB8	13466	35630	2.39%	0.302%
64	14.113	1374	1378	1383	rBV6	22090	77999	5.22%	0.662%
65	14.201	1383	1387	1395	rVB3	43283	134770	9.02%	1.144%
66	14.399	1403	1407	1410	rBV6	16019	41032	2.75%	0.348%
67	14.477	1410	1415	1419	rVV2	36548	104548	7.00%	0.887%
68	14.675	1433	1435	1442	rVB8	17590	53548	3.58%	0.455%
69	14.822	1447	1450	1452	rVB4	13431	23401	1.57%	0.199%
70	14.951	1457	1463	1468	rVB3	70359	143720	9.62%	1.220%
71	15.108	1475	1479	1483	rBV7	27095	83548	5.59%	0.709%

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72	15.167	1483	1485	1488	rVV	67679	90989	6.09%	0.772%
73	15.227	1488	1491	1494	rVV5	11808	22912	1.53%	0.194%
74	15.404	1506	1509	1512	rVB5	14515	26193	1.75%	0.222%
75	15.463	1512	1515	1517	rBV3	9852	21268	1.42%	0.181%
76	15.601	1526	1529	1532	rVB5	12422	26801	1.79%	0.227%

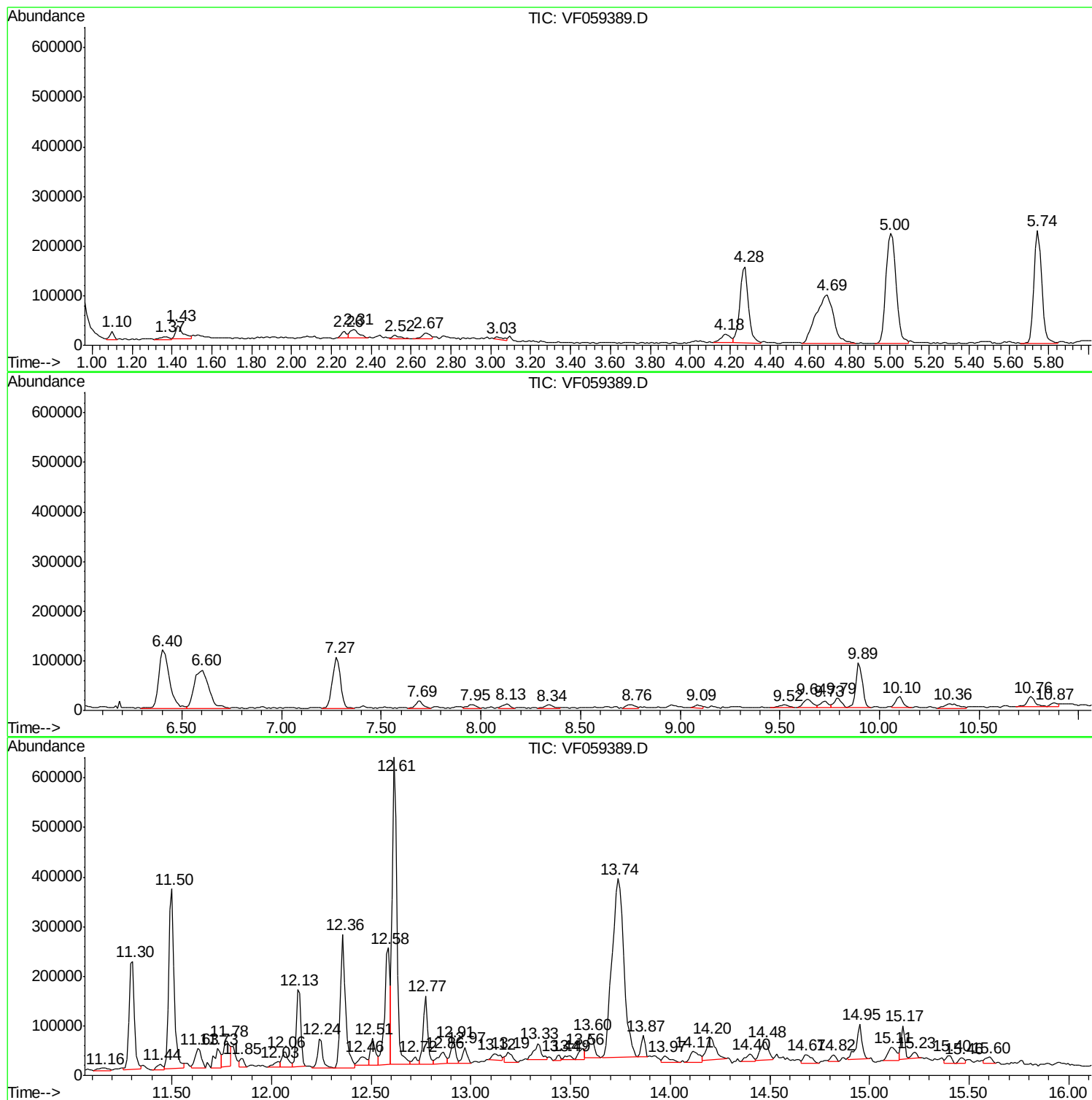
Sum of corrected areas: 11781061

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



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 Peak Number 1 Butane, 2,2,3,3-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	39.33 ug/l	610281	Pentafluorobenzene	5.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	56
3		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	50
4		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50
5		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	42

 Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	35.73 ug/l	423007	1,4-Difluorobenzene	5.74

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2		Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
3		Heptane, 4-methyl-	114	C8H18	000589-53-7	78
4		Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	72
5		Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	64

 Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	32.45 ug/l	384179	1,4-Difluorobenzene	5.74

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	74
2		Hexane, 3-methyl-	100	C7H16	000589-34-4	64
3		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
4		Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	53
5		Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	53

 Peak Number 4 Hexane, 2,2,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
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7.27	23.97 ug/l	283833	1,4-Difluorobenzene	5.74
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9 78
2	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4 64
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4 64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1 64
5	1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8 50

 Peak Number 5 Hexane, 2,2,5,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	14.54 ug/l	56216	Chlorobenzene-d5	9.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4 53
2	Octane, 4-ethyl-	142	C10H22	015869-86-0 50
3	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4 43
4	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1 38
5	Heptacosane	380	C27H56	000593-49-7 38

 Peak Number 6 Heptane, 3,3,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	14.11 ug/l	54560	Chlorobenzene-d5	9.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5 72
2	Hexane, 3,3,4,4-tetramethyl-	142	C10H22	005171-84-6 64
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5 64
4	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7 64
5	Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2 59

 Peak Number 7 Decane, 2,6,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	15.23 ug/l	58888	Chlorobenzene-d5	9.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual

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1	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	50
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	43
3	Propanoic acid, 2,2-dimethyl-, m...	116	C6H12O2	000598-98-1	43
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	43
5	1-Octyn-3-ol, 4-ethyl-	154	C10H18O	005877-42-9	43

 Peak Number 8 Decane, 2,3,8-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	23.30 ug/l	476970	1,4-Dichlorobenzene-d4	12.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	64
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
3		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
4		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	50
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	49

 Peak Number 9 Benzene, 1,1'-(1-methylethy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	72.96 ug/l	1493880	1,4-Dichlorobenzene-d4	12.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,1'-(1-methylethyliden...	196	C15H16	000778-22-3	99
2		1-Methylsulfonyl-1,2-diphenylethane	260	C15H16O2S	015733-05-8	83
3		2,2-diphenylpropionic acid, 2,2,...	408	C19H15F7O2	1000376-63-8	72
4		Benzeneethanol, .beta.-methyl-.b...	212	C15H16O	074421-26-4	72
5		2,2-diphenylpropionic acid, 2,2,...	308	C17H15F3O2	1000376-56-7	72

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2,2,3,3-t...	4.69	39.3	ug/l	610281	1	5.02	775852	50.0
Pentane, 2,3,4-tr...	6.40	35.7	ug/l	423007	2	5.74	591991	50.0
Pentane, 2,3,3-tr...	6.60	32.5	ug/l	384179	2	5.74	591991	50.0
Hexane, 2,2,5-tri...	7.27	24.0	ug/l	283833	2	5.74	591991	50.0
Hexane, 2,2,5,5-t...	9.64	14.5	ug/l	56216	3	9.89	193380	50.0
Heptane, 3,3,5-tr...	10.10	14.1	ug/l	54560	3	9.89	193380	50.0
Decane, 2,6,6-tri...	10.76	15.2	ug/l	58888	3	9.89	193380	50.0
Decane, 2,3,8-tri...	12.36	23.3	ug/l	476970	4	12.62	1023760	50.0
Benzene, 1,1'-(1-...	13.74	73.0	ug/l	1493880	4	12.62	1023760	50.0