

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070218\
 Data File : VF059392.D
 Acq On : 2 Jul 2018 17:36
 Operator : VA/AP
 Sample : J3802-06
 Misc : 6.32g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CF-6(2.0)

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	1.044	49	52	56	rBV	30670	72516	6.11%	0.895%
2	1.113	56	59	80	rVB	119712	548785	46.22%	6.772%
3	1.350	80	83	85	rBV	108521	191012	16.09%	2.357%
4	1.438	89	92	94	rVV	69243	146921	12.37%	1.813%
5	1.478	94	96	109	rVB	80103	283024	23.84%	3.492%
6	1.685	114	117	122	rVB2	14046	36329	3.06%	0.448%
7	1.813	127	130	137	rVB4	11299	31218	2.63%	0.385%
8	2.089	152	158	164	rBV2	74087	265308	22.34%	3.274%
9	2.266	172	176	179	rBV3	48354	127167	10.71%	1.569%
10	2.335	181	183	190	rVB	46573	91210	7.68%	1.125%
11	2.483	190	198	201	rBV5	17075	49129	4.14%	0.606%
12	2.533	201	203	210	rVB4	11111	21958	1.85%	0.271%
13	2.769	225	227	234	rVB8	9301	25427	2.14%	0.314%
14	3.045	249	255	265	rVV3	38348	174373	14.69%	2.152%
15	3.154	265	266	271	rVB5	7758	11932	1.00%	0.147%
16	3.903	337	342	348	rVV6	9311	36700	3.09%	0.453%
17	4.051	350	357	365	rVV5	36399	174342	14.68%	2.151%
18	4.179	365	370	374	rVV6	17165	63202	5.32%	0.780%
19	4.277	374	380	389	rVV2	110455	327205	27.56%	4.038%
20	4.445	393	397	400	rVV6	5953	17520	1.48%	0.216%
21	4.504	400	403	405	rVV4	8215	18900	1.59%	0.233%
22	4.672	409	420	432	rVV	196669	1187347	100.00%	14.651%
23	5.017	448	455	471	rBV2	214758	712250	59.99%	8.789%
24	5.598	510	514	519	rBV6	6000	19218	1.62%	0.237%
25	5.746	523	529	538	rBV	207616	604408	50.90%	7.458%
26	5.874	538	542	548	rVV3	29305	83058	7.00%	1.025%
27	5.973	548	552	558	rVV6	5526	18618	1.57%	0.230%
28	6.101	563	565	570	rVV6	4188	12381	1.04%	0.153%
29	6.416	591	597	607	rVV	96477	318878	26.86%	3.935%
30	6.584	607	614	626	rVV3	64477	319867	26.94%	3.947%
31	7.274	680	684	692	rVB2	27576	77468	6.52%	0.956%
32	7.698	721	727	733	rBV	145577	345240	29.08%	4.260%
33	9.896	945	950	958	rBV	185533	397854	33.51%	4.909%
34	11.493	1108	1112	1122	rBV	287105	500498	42.15%	6.176%

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35	11.631	1122	1126	1130	rVV2	22274	44892	3.78%	0.554%
36	11.729	1133	1136	1140	rVB	25958	39639	3.34%	0.489%
37	12.617	1223	1226	1235	rVB	377524	564195	47.52%	6.962%
38	13.336	1295	1299	1302	rBV3	5896	12698	1.07%	0.157%
39	13.730	1332	1339	1340	rBV5	8401	24909	2.10%	0.307%
40	13.760	1340	1342	1350	rVB	43073	68539	5.77%	0.846%
41	14.046	1370	1371	1373	rVB	27171	18898	1.59%	0.233%
42	14.519	1416	1419	1423	rBV4	10729	18943	1.60%	0.234%

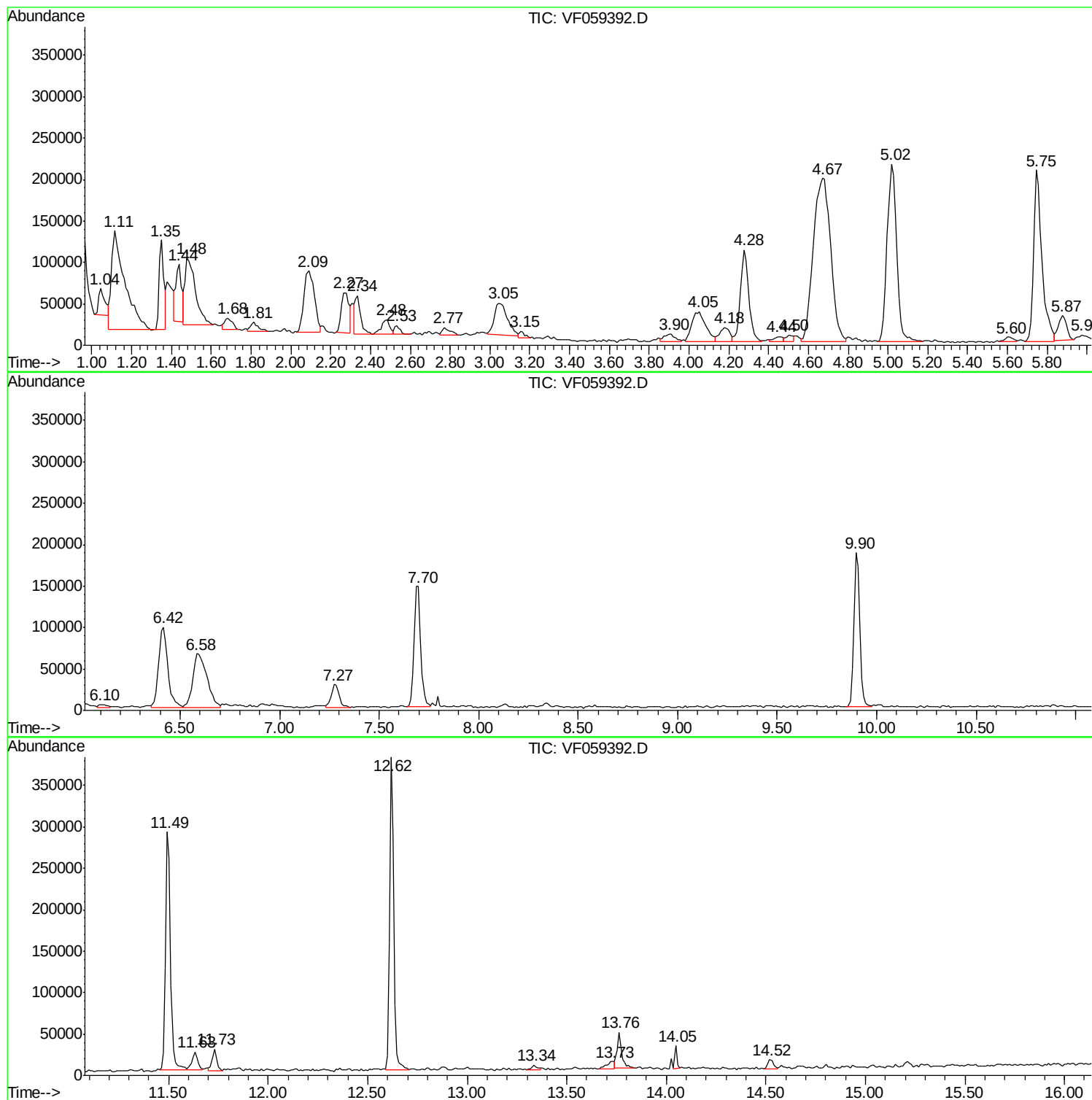
Sum of corrected areas: 8103976

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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 1 unknown1.11 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	38.52 ug/l	548785	Pentafluorobenzene	5.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methacrolein	70 C4H6O	000078-85-3 23
2		Butane	58 C4H10	000106-97-8 16
3		2-Butenenitrile	67 C4H5N	004786-20-3 9
4		Furan, 2,3-dihydro-	70 C4H6O	001191-99-7 9
5		2-Butenal	70 C4H6O	004170-30-3 9

 Peak Number 2 unknown1.35 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.35	13.41 ug/l	191012	Pentafluorobenzene	5.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Butane, 2-methyl-	72 C5H12	000078-78-4 46
2		Oxirane, ethyl-	72 C4H8O	000106-88-7 37
3		2,5-Furandione, dihydro-3-methyl-	114 C5H6O3	004100-80-5 10
4		3-Buten-1-ol	72 C4H8O	000627-27-0 9
5		Aziridine, 1-methyl-	57 C3H7N	001072-44-2 9

 Peak Number 3 unknown1.44 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.44	10.31 ug/l	146921	Pentafluorobenzene	5.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		2-Amino-1,3-propanediol	91 C3H9NO2	000534-03-2 9
2		Hydrazine, 1,1-dimethyl-	60 C2H8N2	000057-14-7 9
3		Carbonyl sulfide	60 COS	000463-58-1 5
4		Methyl formate	60 C2H4O2	000107-31-3 4
5		Urea	60 CH4N2O	000057-13-6 4

 Peak Number 4 3-Buten-1-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
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1.48	19.87 ug/l	283024	Pentafluorobenzene	5.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		3-Buten-1-ol	72 C4H8O	000627-27-0 50
2		Butane, 2-methyl-	72 C5H12	000078-78-4 47
3		Pentane	72 C5H12	000109-66-0 38
4		Oxirane, ethyl-	72 C4H8O	000106-88-7 30
5		o-Allylhydroxylamine	73 C3H7NO	006542-54-7 9

 Peak Number 5 Butane, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.09	18.62 ug/l	265308	Pentafluorobenzene	5.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Butane, 2,3-dimethyl-	86 C6H14	000079-29-8 50
2		Cyclobutanone	70 C4H6O	001191-95-3 43
3		Butane, 2-chloro-3-methyl-	106 C5H11Cl	000631-65-2 40
4		Tetrahydrofuran	72 C4H8O	000109-99-9 38
5		2-Oxetanone, 3,3-dimethyl-	100 C5H8O2	001955-45-9 36

 Peak Number 6 unknown3.05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	12.24 ug/l	174373	Pentafluorobenzene	5.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		3-Cyclopropyl-4-hydroxy-4,5,5-tr...	185 C9H15NO3	1000274-34-5 40
2		1-Hexene, 4-methyl-	98 C7H14	003769-23-1 40
3		.alpha.-Amino-.gamma.-butyrolactone	101 C4H7NO2	001192-20-7 38
4		Pentane, 2,3-dimethyl-	100 C7H16	000565-59-3 35
5		1-Pentene, 4-methyl-	84 C6H12	000691-37-2 32

 Peak Number 7 Pentane, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.05	12.24 ug/l	174342	Pentafluorobenzene	5.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual

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1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	58
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	42
3	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	40
4	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	38
5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	25

 Peak Number 8 Butane, 2,2,3,3-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	83.35 ug/l	1187350	Pentafluorobenzene	5.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78	
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	59	
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	50	
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50	
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	42	

 Peak Number 9 Pentane, 2,3,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	26.38 ug/l	318878	1,4-Difluorobenzene	5.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90	
2	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	83	
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	83	
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83	
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	78	

 Peak Number 10 Decane, 3,3,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	26.46 ug/l	319867	1,4-Difluorobenzene	5.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64	
2	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	64	
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	64	

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4 Pyrrolidine	71 C ₄ H ₉ N	000123-75-1 59
5 Pentane, 2,3,3-trimethyl-	114 C ₈ H ₁₈	000560-21-4 59

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown1.11	1.11	38.5	ug/l	548785	1	5.03	712250	50.0
unknown1.35	1.35	13.4	ug/l	191012	1	5.03	712250	50.0
unknown1.44	1.44	10.3	ug/l	146921	1	5.03	712250	50.0
3-Buten-1-ol	1.48	19.9	ug/l	283024	1	5.03	712250	50.0
Butane, 2,3-dimet...	2.09	18.6	ug/l	265308	1	5.03	712250	50.0
unknown3.05	3.05	12.2	ug/l	174373	1	5.03	712250	50.0
Pentane, 2,3-dime...	4.05	12.2	ug/l	174342	1	5.03	712250	50.0
Butane, 2,2,3,3-t...	4.67	83.3	ug/l	1187350	1	5.03	712250	50.0
Pentane, 2,3,4-tr...	6.42	26.4	ug/l	318878	2	5.75	604408	50.0
Decane, 3,3,4-tri...	6.58	26.5	ug/l	319867	2	5.75	604408	50.0