LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111318\
Data File : VF060718.D
Acq On : 13 Nov 2018 20:05
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
LabSampleId : VSTDCCC050

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.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	1.145	43	52	59	rVB3	61701	308164	10.68%	0.434%
2	1.243	59	62	65	rBV	25974	46426	1.61%	0.065%
3	1.342	65	72	73	rBV2	34350	109162	3.78%	0.154%
4	1.372	73	75	78	rVB	26191	41722	1.45%	0.059%
5	1.421	78	80	82	rBV	22087	32593	1.13%	0.046%
6	1.510	82	89	98	rVB3	130726	534819	18.54%	0.753%
7	1.628	98	101	107	rVB	85452	161700	5.61%	0.228%
8	1.806	110	119	120	rBV	228970	771276	26.74%	1.085%
9	2.003	136	139	145	rVB2	25608	54244	1.88%	0.076%
10	2.102	145	149	154	rVV	213152	425817	14.76%	0.599%
11	2.180	154	157	160	rVV	101673	227706	7.89%	0.320%
12	2.240	160	163	167	rVV2	136627	377049	13.07%	0.531%
13	2.309	167	170	178	rVV2	221497	569063	19.73%	0.801%
14	2.427	178	182	191	rVV	152791	424049	14.70%	0.597%
15	2.565	192	196	202	rVB2	13973	38747	1.34%	0.055%
16	2.802	213	220	224	rBV	218805	624029	21.64%	0.878%
17	2.871	224	227	232	rVV	153991	418240	14.50%	0.589%
18	2.940	232	234	245	rVV	67864	183076	6.35%	0.258%
19	3.196	254	260	273	rVB	325086	855803	29.67%	1.204%
20	3.483	283	289	296	rBV	251550	683248	23.69%	0.961%
21	3.601	296	301	306	rVV2	120106	421253	14.61%	0.593%
22	3.719	306	313	323	rVV2	275909	1404852	48.71%	1.977%
23	3.867	323	328	335	rVV	245039	752988	26.11%	1.060%
24	3.995	335	341	346	rVV3	188322	712099	24.69%	1.002%
25	4.104	346	352	364	rVV5	343444	1593288	55.24%	2.242%
26	4.291	364	371	376	rVV	276158	1024441	35.52%	1.442%
27	4.380	376	380	398	rVB2	249676	1071641	37.15%	1.508%
28	4.637	398	406	412	rBV	340038	1001531	34.72%	1.409%
29	4.745	412	417	423	rVV2	128047	325533	11.29%	0.458%
30	4.873	423	430	435	rVV2	284154	1014215	35.16%	1.427%
31	4.952	435	438	449	rVB	124379	330211	11.45%	0.465%
32	5.465	480	490	492	rBV	385064	1213850	42.09%	1.708%
33	5.505	492	494	500	rVV	393792	1026917	35.60%	1.445%
34	5.603	500	504	519	rVB	311484	885710	30.71%	1.246%

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35	6.097	548	554	562	rBV	134966	362363	12.56%	0.510%
36	6.245	562	569	578	rVV	251250	684542	23.73%	0.963%
37	6.393	578	584	597	rVB	215545	580186	20.12%	0.816%
38	6.718	612	617	627	rBV2	98278	252093	8.74%	0.355%
39	6.965	636	642	650	rBV	63692	157273	5.45%	0.221%
40	7.211	663	667	672	rBV2	62709	171307	5.94%	0.241%
41	7.310	672	677	687	rVB	307020	742191	25.73%	1.044%
42	7.556	697	702	706	rBV	395185	996428	34.55%	1.402%
43	7.626	706	709	720	rVB	480109	1131876	39.24%	1.593%
44	7.971	739	744	751	rVB	22156	57288	1.99%	0.081%
45	8.158	756	763	768	rBV	418562	1008334	34.96%	1.419%
46	8.277	768	775	783	rVB3	437896	1351632	46.86%	1.902%
47	8.494	790	797	804	rBV	188771	441806	15.32%	0.622%
48	8.622	806	810	815	rVV	147353	312182	10.82%	0.439%
49	8.720	815	820	828	rVV	177264	412597	14.31%	0.581%
50	8.859	828	834	842	rVV	202720	449243	15.58%	0.632%
51	8.997	842	848	857	rVB	95749	224727	7.79%	0.316%
52	9.441	888	893	895	rBV	117879	242548	8.41%	0.341%
53	9.500	895	899	907	rVV	269085	577941	20.04%	0.813%
54	9.638	907	913	920	rVB2	32882	94088	3.26%	0.132%
55	9.796	922	929	935	rBV2	665876	2012588	69.78%	2.832%
56	9.914	935	941	951	rVB2	637136	2098961	72.77%	2.954%
57	10.141	958	964	975	rBV	1034422	2352193	81.55%	3.310%
58	10.713	1017	1022	1026	rBV	741070	1466908	50.86%	2.064%
59	10.792	1026	1030	1041	rVB2	637665	1288789	44.68%	1.813%
60	11.127	1060	1064	1071	rBV	994399	1758787	60.98%	2.475%
61	11.374	1085	1089	1091	rBV	249098	399784	13.86%	0.563%
62	11.413	1091	1093	1098	rVV	445943	724475	25.12%	1.019%
63	11.502	1098	1102	1108	rVV2	495229	1126788	39.07%	1.586%
64	11.601	1108	1112	1117	rVV	1046847	1665007	57.73%	2.343%
65	11.719	1119	1124	1129	rVV2	794471	1671927	57.97%	2.353%
66	11.828	1129	1135	1138	rVV	1078524	1951049	67.64%	2.745%
67	11.907	1138	1143	1156	rVB	760615	1438978	49.89%	2.025%
68	12.134	1162	1166	1170	rBV	1588443	2567946	89.03%	3.613%
69	12.212	1170	1174	1180	rVV	942800	1561275	54.13%	2.197%
70	12.311	1180	1184	1192	rVB	1227211	1869082	64.80%	2.630%
71	12.469	1196	1200	1205	rVV2	1528646	2884249	100.00%	4.059%

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72	12.558	1205	1209	1219	rVB2	1038477	2155097	74.72%	3.033%
73	12.844	1235	1238	1243	rBV	1224074	1837301	63.70%	2.585%
74	12.942	1243	1248	1257	rVB2	821610	2292218	79.47%	3.225%
75	13.288	1280	1283	1287	rVB	27291	47531	1.65%	0.067%
76	13.544	1306	1309	1313	rVV	32676	48456	1.68%	0.068%
77	13.653	1316	1320	1324	rVV	89641	145035	5.03%	0.204%
78	13.879	1339	1343	1347	rBV	1226308	1701851	59.00%	2.395%
79	14.195	1371	1375	1385	rBV2	1360249	2303750	79.87%	3.242%
80	14.461	1398	1402	1413	rBV	493132	737937	25.59%	1.038%
81	14.600	1413	1416	1431	rVV	635896	1042351	36.14%	1.467%

Sum of corrected areas: 71066420

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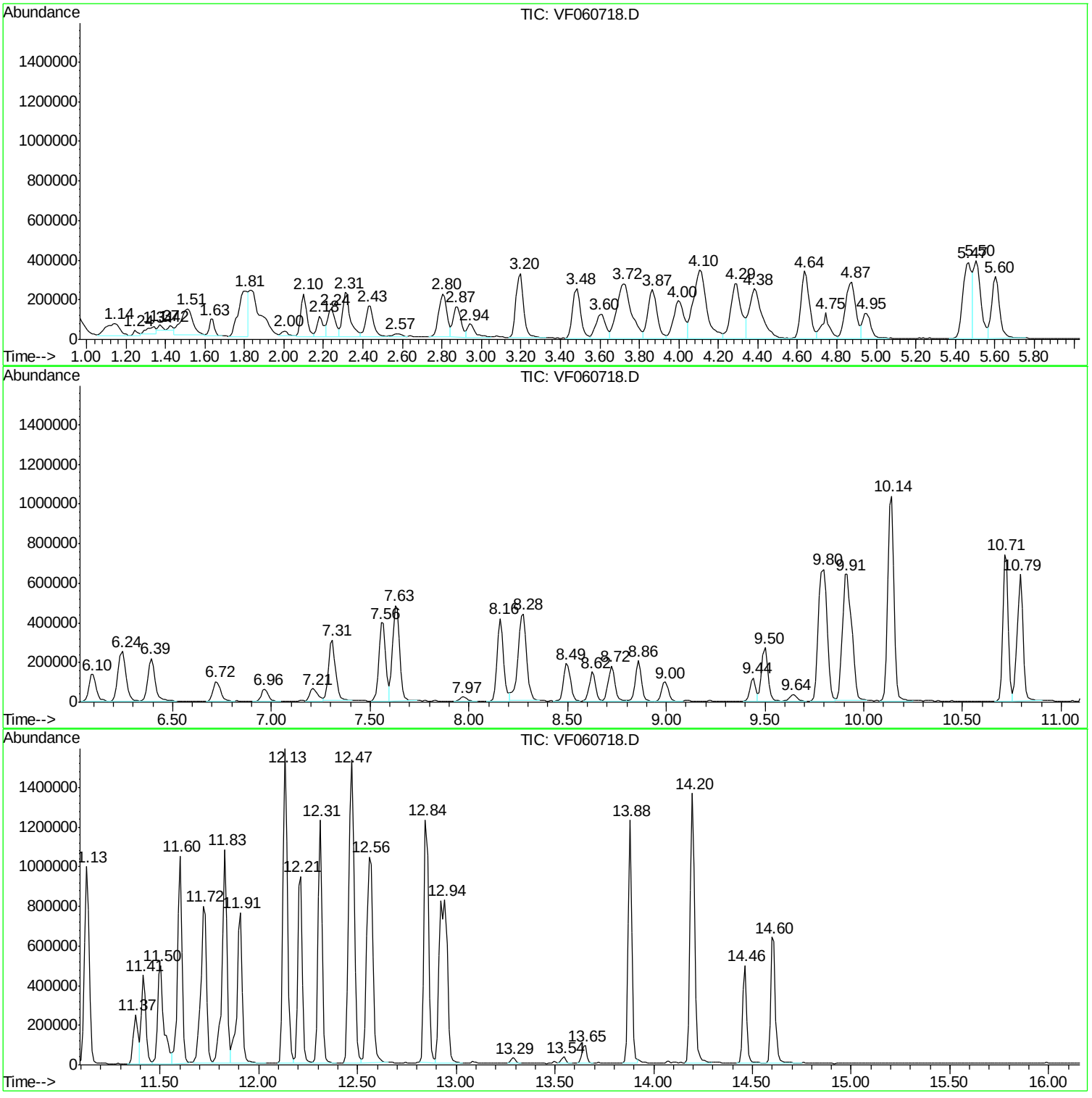
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

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



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TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Chloroethanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	9.67 ug/l	171307	1,4-Difluorobenzene	5.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloroethanol	80	C2H5ClO	000107-07-3	83
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	25
3	Acetaldehyde	44	C2H4O	000075-07-0	9
4	Acetamide, 2,2-dichloro-	127	C2H3Cl2NO	000683-72-7	9
5	Glycine-N,N-bis(methylenephospho...	263	C4H11NO8P2	002439-99-8	9

****

Peak Number 2 Acetic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	6.03 ug/l	242548	Chlorobenzene-d5	9.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	78
2	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	23
3	2-Pentene, 2-methoxy-	100	C6H12O	061142-47-0	10
4	Guanidine, methyl-	73	C2H7N3	000471-29-4	9
5	Isobutylamine	73	C4H11N	000078-81-9	9

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	39.48 ug/l	1701850	1,4-Dichlorobenzene-d4	12.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	o-Cymene	134	C10H14	000527-84-4	95

Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Chloroethanol	7.21	9.7	ug/l	171307	2	5.60	885710	50.0
Acetic acid, buty...	9.44	6.0	ug/l	242548	3	9.78	2012590	50.0
Benzene, 1,2,3,5-...	13.88	39.5	ug/l	1701850	4	12.56	2155100	50.0