

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082418\
 Data File : VW004946.D
 Acq On : 24 Aug 2018 20:11
 Operator : SY/AP
 Sample : J4650-03MSD
 Misc : 3.34G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAB80MSD

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % 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_W\METHOD\SOM2WLM082218S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.795	18	34	58	rBV	17521165	38213182	100.00%	55.716%
2	1.959	58	61	84	rVB2	69593	194744	0.51%	0.284%
3	2.172	89	96	101	rBV3	24452	43554	0.11%	0.064%
4	2.349	117	125	134	rBV	301194	490572	1.28%	0.715%
5	2.447	139	141	145	rVB5	2545	2748	0.01%	0.004%
6	2.508	145	151	157	rBV	53569	92001	0.24%	0.134%
7	2.886	206	213	225	rVB	203659	407549	1.07%	0.594%
8	3.032	231	237	244	rVB2	9453	21044	0.06%	0.031%
9	3.270	271	276	287	rVB5	4126	11178	0.03%	0.016%
10	3.392	289	296	303	rBV2	8178	19089	0.05%	0.028%
11	3.599	322	330	333	rBV6	2763	5570	0.01%	0.008%
12	3.867	368	374	381	rVB5	4331	10352	0.03%	0.015%
13	4.032	388	401	413	rBV4	482204	1572081	4.11%	2.292%
14	4.148	413	420	434	rVB	32662	102057	0.27%	0.149%
15	4.392	451	460	467	rBV2	2719	8001	0.02%	0.012%
16	4.678	503	507	509	rBV4	1601	2376	0.01%	0.003%
17	4.922	538	547	561	rVV3	19882	70742	0.19%	0.103%
18	5.446	629	633	640	rVB6	1612	4112	0.01%	0.006%
19	5.794	681	690	700	rBV3	4480	14608	0.04%	0.021%
20	5.946	706	715	725	rBV5	5988	17772	0.05%	0.026%
21	6.129	743	745	751	rVV4	1220	1948	0.01%	0.003%
22	6.909	863	873	881	rBV5	4731	14508	0.04%	0.021%
23	6.995	881	887	894	rVB7	2003	5348	0.01%	0.008%
24	7.092	894	903	916	rBV	82221	251702	0.66%	0.367%
25	7.653	984	995	1014	rBV	327242	828276	2.17%	1.208%
26	7.952	1040	1044	1045	rVV3	2153	3020	0.01%	0.004%
27	7.964	1045	1046	1055	rVB6	2122	3732	0.01%	0.005%
28	8.159	1073	1078	1085	rBV7	1715	4201	0.01%	0.006%
29	8.281	1085	1098	1101	rBV	791354	1730242	4.53%	2.523%
30	8.330	1101	1106	1119	rVB3	1078143	2560885	6.70%	3.734%
31	8.562	1138	1144	1152	rVB4	7231	16661	0.04%	0.024%
32	8.708	1159	1168	1179	rBV5	9469	24680	0.06%	0.036%
33	8.848	1182	1191	1205	rBV	747371	1495286	3.91%	2.180%
34	9.098	1222	1232	1251	rVB	611924	1215462	3.18%	1.772%

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35	9.281	1254	1262	1271	rBV	503960	1028687	2.69%	1.500%
36	9.415	1278	1284	1293	rVB5	6949	16283	0.04%	0.024%
37	9.519	1297	1301	1306	rBV5	1414	2284	0.01%	0.003%
38	9.671	1320	1326	1330	rVB5	1736	3261	0.01%	0.005%
39	9.958	1369	1373	1378	rBV8	1434	2353	0.01%	0.003%
40	10.037	1378	1386	1394	rBV	253766	464556	1.22%	0.677%
41	10.220	1410	1416	1425	rVB7	2129	5112	0.01%	0.007%
42	10.330	1425	1434	1439	rBV	1300586	2273082	5.95%	3.314%
43	10.397	1439	1445	1459	rVV	1658329	2994209	7.84%	4.366%
44	10.512	1459	1464	1469	rVB6	9035	18203	0.05%	0.027%
45	10.580	1469	1475	1483	rBV	181299	323235	0.85%	0.471%
46	10.714	1488	1497	1513	rVB	141417	468825	1.23%	0.684%
47	10.866	1515	1522	1526	rBV6	6219	12117	0.03%	0.018%
48	10.933	1526	1533	1549	rBV	437484	773396	2.02%	1.128%
49	11.079	1552	1557	1562	rBV2	19856	33601	0.09%	0.049%
50	11.183	1571	1574	1579	rVB4	3487	4953	0.01%	0.007%
51	11.238	1579	1583	1589	rVB6	3514	6330	0.02%	0.009%
52	11.342	1597	1600	1605	rVB6	2016	2581	0.01%	0.004%
53	11.421	1607	1613	1614	rBV5	3545	6305	0.02%	0.009%
54	11.518	1624	1629	1635	rBV4	2640	5069	0.01%	0.007%
55	11.640	1641	1649	1650	rBV	1267384	1984954	5.19%	2.894%
56	11.738	1660	1665	1674	rVB	265756	436552	1.14%	0.637%
57	11.842	1674	1682	1695	rVV	1220801	2229845	5.84%	3.251%
58	11.945	1697	1699	1708	rVB9	3451	6287	0.02%	0.009%
59	12.037	1712	1714	1718	rVB4	2277	2945	0.01%	0.004%
60	12.171	1728	1736	1746	rBV	585188	947080	2.48%	1.381%
61	12.238	1746	1747	1752	rVB4	2902	3533	0.01%	0.005%
62	12.348	1760	1765	1771	rBV4	15578	26063	0.07%	0.038%
63	12.469	1780	1785	1791	rVB	7839	11861	0.03%	0.017%
64	12.616	1802	1809	1816	rBV	394660	663274	1.74%	0.967%
65	12.701	1816	1823	1830	rVV	508400	851767	2.23%	1.242%
66	12.762	1830	1833	1838	rVV5	2379	3796	0.01%	0.006%
67	12.811	1838	1841	1844	rVV	3814	3813	0.01%	0.006%
68	12.872	1844	1851	1855	rVV2	12519	24166	0.06%	0.035%
69	12.908	1855	1857	1859	rVV2	7841	8964	0.02%	0.013%
70	12.945	1859	1863	1875	rVB5	14944	33735	0.09%	0.049%
71	13.061	1877	1882	1884	rBV4	3586	5411	0.01%	0.008%

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72	13.103	1884	1889	1894	rVB3	5246	9814	0.03%	0.014%
73	13.262	1906	1915	1931	rVB2	19382	57592	0.15%	0.084%
74	13.402	1931	1938	1944	rBV4	13729	27278	0.07%	0.040%
75	13.506	1953	1955	1958	rBV4	1839	1879	0.00%	0.003%
76	13.567	1958	1965	1973	rBV	896908	1441868	3.77%	2.102%
77	13.652	1974	1979	1988	rVB	45798	73809	0.19%	0.108%
78	13.762	1993	1997	2001	rBV3	6195	10874	0.03%	0.016%
79	13.798	2001	2003	2006	rVB4	2950	2952	0.01%	0.004%
80	13.859	2006	2013	2020	rBV	883888	1424694	3.73%	2.077%
81	13.957	2026	2029	2033	rBV5	1588	2401	0.01%	0.004%
82	14.079	2037	2049	2057	rVB	112859	213178	0.56%	0.311%
83	14.158	2057	2062	2066	rBV8	1425	2941	0.01%	0.004%
84	14.213	2066	2071	2076	rBV6	4066	8407	0.02%	0.012%
85	14.335	2081	2091	2097	rBV5	16183	30690	0.08%	0.045%
86	14.426	2104	2106	2110	rBV5	1875	2449	0.01%	0.004%
87	14.469	2110	2113	2116	rVB3	2072	2356	0.01%	0.003%
88	14.640	2135	2141	2144	rBV6	3637	7061	0.02%	0.010%
89	14.707	2147	2152	2153	rVV4	3695	4804	0.01%	0.007%
90	14.731	2153	2156	2162	rVB7	5011	7511	0.02%	0.011%
91	14.804	2162	2168	2176	rBV7	3594	8522	0.02%	0.012%
92	14.896	2181	2183	2187	rVB5	1782	2201	0.01%	0.003%
93	14.963	2191	2194	2200	rVB5	2300	3867	0.01%	0.006%
94	15.036	2200	2206	2210	rBV6	5921	11509	0.03%	0.017%
95	15.195	2227	2232	2239	rVB7	6141	12026	0.03%	0.018%
96	15.377	2257	2262	2269	rVB	8615	16861	0.04%	0.025%
97	15.512	2278	2284	2290	rBV	24906	42723	0.11%	0.062%
98	15.566	2290	2293	2298	rVV7	2788	4009	0.01%	0.006%
99	16.109	2381	2382	2386	rVB4	1430	1751	0.00%	0.003%
100	16.414	2428	2432	2434	rBV4	1512	2359	0.01%	0.003%

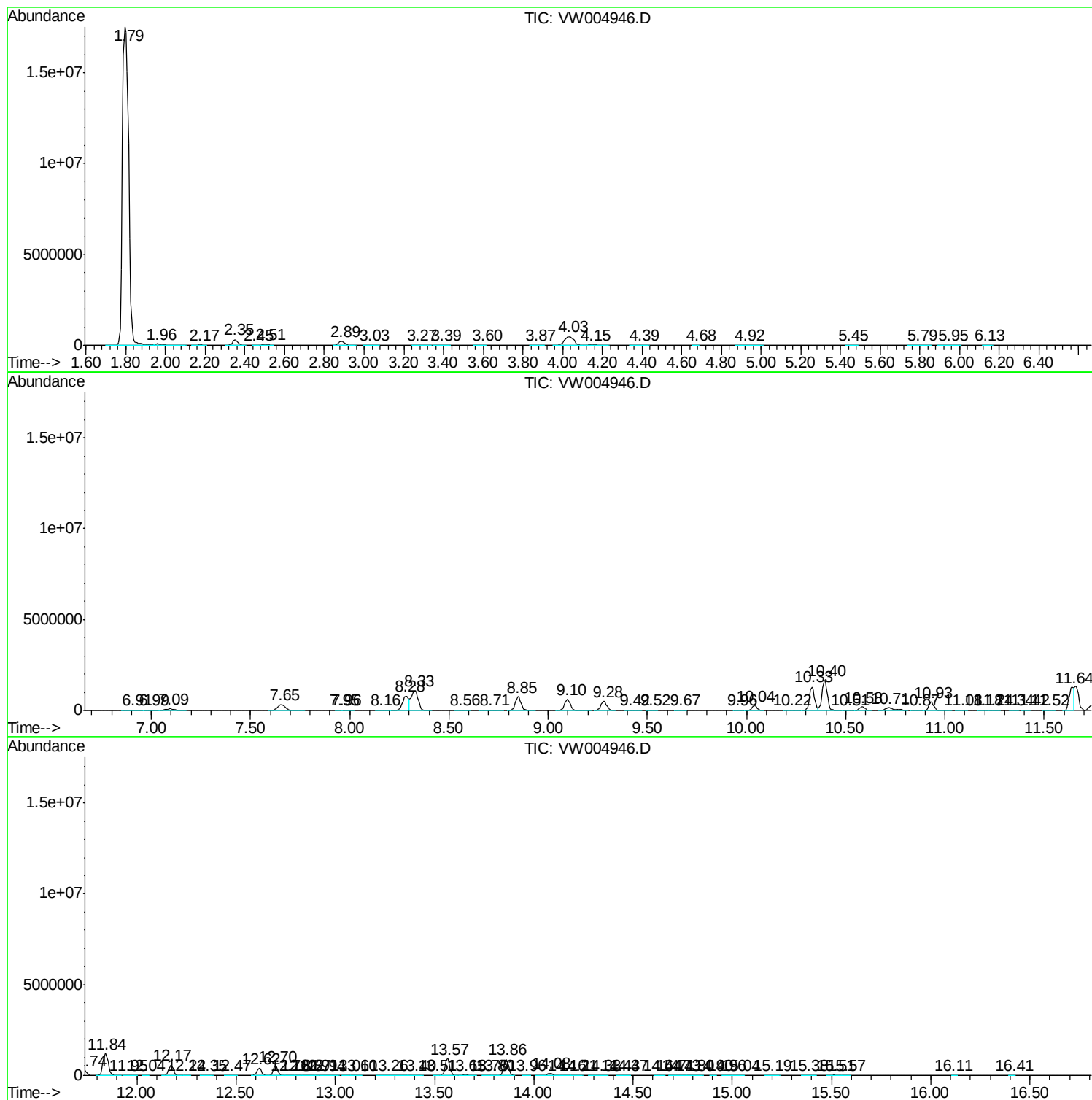
Sum of corrected areas: 68586157

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



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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 1 2-Butenal, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	3.26 ug/L	194744	1,4-Difluorobenzene	8.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Butenal, (E)-	70	C4H6O	000123-73-9 72
2	Acetoacetic acid, 1-thio-, S-all...	158	C7H10O2S	015780-65-1 64
3	3-Butenoic acid	86	C4H6O2	000625-38-7 64
4	Bis(3-methylbutyl) fluorene-2,7-...	466	C23H30O6S2	253664-95-8 56
5	1-Propyne, 3-bromo-	118	C3H3Br	000106-96-7 45

 Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	1.28 ug/L	73809	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7 59
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8 53
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2 53
4	Isobutyl octyl carbonate	230	C13H26O3	1000372-74-6 50
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8 50

 Peak Number 3 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	3.70 ug/L	213178	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzoic acid, 2-[(trimethylsilyl)...	282	C13H22O3Si2	003789-85-3 45
2	Benzoic acid, 2-[(trimethylsilyl)...	282	C13H22O3Si2	003789-85-3 38
3	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5N02Si2	055429-85-1 25
4	1-(3-Chlorophenyl)piperazine, 4-...	268	C13H21ClN2Si	1000373-99-3 10
5	Propanal, 2-methyl-, (2,4-dinitr...	252	C10H12N4O4	002057-82-1 10

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Butenal, (E)-	1.96	3.3	ug/L	194744	1	8.85	1495290	25.0
1-Hexanol, 2-ethyl-	13.65	1.3	ug/L	73809	3	13.57	1441870	25.0
unknown-01	14.08	3.7	ug/L	213178	3	13.57	1441870	25.0