

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072919\
 Data File : VW011560.D
 Acq On : 29 Jul 2019 15:12
 Operator : SY/VA
 Sample : K3979-20
 Misc : 6.42G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB939

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\SOM2WLM072219S.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	2.160	36	42	49	rBV	29504	58600	3.80%	0.537%
2	2.349	67	73	83	rVB	120819	208679	13.54%	1.913%
3	2.885	154	161	177	rVB	71939	177809	11.53%	1.630%
4	3.263	219	223	225	rBV3	1185	2113	0.14%	0.019%
5	3.324	231	233	234	rVB	781	502	0.03%	0.005%
6	3.397	243	245	250	rVB3	876	988	0.06%	0.009%
7	3.519	263	265	266	rBV2	752	600	0.04%	0.005%
8	3.672	285	290	293	rBV6	1207	2060	0.13%	0.019%
9	3.720	297	298	301	rVV3	753	836	0.05%	0.008%
10	3.745	301	302	304	rVB	975	448	0.03%	0.004%
11	3.861	314	321	328	rBV7	2666	7164	0.46%	0.066%
12	4.013	334	346	363	rBV	182187	586518	38.04%	5.376%
13	4.373	399	405	406	rBV3	1185	1537	0.10%	0.014%
14	4.476	420	422	427	rBV4	687	678	0.04%	0.006%
15	4.598	438	442	443	rBV	436	474	0.03%	0.004%
16	4.617	443	445	448	rVB3	576	527	0.03%	0.005%
17	4.921	481	495	505	rBV2	8251	30825	2.00%	0.283%
18	5.110	523	526	527	rBV2	415	457	0.03%	0.004%
19	5.147	530	532	535	rVV3	600	549	0.04%	0.005%
20	5.257	548	550	555	rVB4	505	756	0.05%	0.007%
21	5.714	622	625	628	rVB2	412	494	0.03%	0.005%
22	5.763	628	633	634	rBV2	607	853	0.06%	0.008%
23	5.793	636	638	641	rVB2	497	525	0.03%	0.005%
24	5.836	641	645	648	rBV4	556	860	0.06%	0.008%
25	5.939	652	662	670	rBV8	3554	11791	0.76%	0.108%
26	6.128	691	693	695	rVV3	644	501	0.03%	0.005%
27	6.573	763	766	769	rBV2	380	542	0.04%	0.005%
28	6.689	781	785	788	rVB2	594	852	0.06%	0.008%
29	6.903	815	820	822	rBV5	900	1420	0.09%	0.013%
30	7.073	838	848	855	rBV	45808	126737	8.22%	1.162%
31	7.531	919	923	925	rBV3	1516	1809	0.12%	0.017%
32	7.646	931	942	956	rBV	248984	615869	39.95%	5.645%
33	7.951	986	992	994	rBV5	1235	1948	0.13%	0.018%
34	8.006	998	1001	1005	rBV3	637	959	0.06%	0.009%

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 Title : VOC Analysis

35	8.037	1005	1006	1010	rVB3	595	480	0.03%	0.004%
36	8.085	1013	1014	1017	rVB2	727	481	0.03%	0.004%
37	8.152	1021	1025	1026	rBV3	523	573	0.04%	0.005%
38	8.274	1035	1045	1060	rVV2	533147	1541692	100.00%	14.131%
39	8.689	1109	1113	1121	rVB7	1143	2555	0.17%	0.023%
40	8.744	1121	1122	1127	rVB3	328	451	0.03%	0.004%
41	8.841	1127	1138	1152	rBV	521214	1021809	66.28%	9.366%
42	9.274	1200	1209	1226	rBV	363551	732682	47.52%	6.715%
43	9.506	1243	1247	1251	rBV5	736	1082	0.07%	0.010%
44	9.542	1251	1253	1256	rVB3	532	685	0.04%	0.006%
45	9.597	1259	1262	1263	rBV3	729	609	0.04%	0.006%
46	9.652	1267	1271	1272	rBV4	672	879	0.06%	0.008%
47	9.731	1282	1284	1285	rBV2	786	505	0.03%	0.005%
48	10.036	1325	1334	1343	rBV	188411	348096	22.58%	3.191%
49	10.237	1364	1367	1373	rVB6	1747	3578	0.23%	0.033%
50	10.323	1373	1381	1389	rBV	725138	1275535	82.74%	11.691%
51	10.457	1402	1403	1405	rBV2	782	576	0.04%	0.005%
52	10.579	1416	1423	1434	rBV	124420	211917	13.75%	1.942%
53	10.701	1439	1443	1448	rBV3	7604	12831	0.83%	0.118%
54	10.859	1467	1469	1474	rVB4	1466	1333	0.09%	0.012%
55	10.926	1474	1480	1496	rBV	168827	293235	19.02%	2.688%
56	11.073	1499	1504	1508	rBV8	2837	5693	0.37%	0.052%
57	11.274	1535	1537	1538	rBV2	1285	1006	0.07%	0.009%
58	11.445	1563	1565	1566	rVB2	1039	549	0.04%	0.005%
59	11.499	1572	1574	1575	rBV	1143	811	0.05%	0.007%
60	11.634	1588	1596	1606	rBV	669255	1144628	74.24%	10.491%
61	11.835	1625	1629	1639	rVB3	5722	12530	0.81%	0.115%
62	12.170	1679	1684	1691	rVB8	4134	10011	0.65%	0.092%
63	12.249	1691	1697	1702	rVB5	991	1993	0.13%	0.018%
64	12.292	1702	1704	1707	rBV4	494	526	0.03%	0.005%
65	12.341	1707	1712	1715	rBV6	1068	1861	0.12%	0.017%
66	12.469	1728	1733	1738	rBV6	1871	2684	0.17%	0.025%
67	12.554	1744	1747	1749	rBV4	575	462	0.03%	0.004%
68	12.609	1749	1756	1762	rVV3	8946	16632	1.08%	0.152%
69	12.694	1762	1770	1776	rVV	223069	377490	24.49%	3.460%
70	12.761	1776	1781	1787	rVB6	1944	4016	0.26%	0.037%
71	12.871	1793	1799	1800	rBV4	1391	2338	0.15%	0.021%

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72	12.938	1808	1810	1817	rVB7	2274	3319	0.22%	0.030%
73	13.078	1831	1833	1834	rBV2	787	515	0.03%	0.005%
74	13.121	1836	1840	1844	rVB5	1252	2052	0.13%	0.019%
75	13.164	1844	1847	1848	rBV3	706	876	0.06%	0.008%
76	13.255	1855	1862	1865	rBV6	2334	4439	0.29%	0.041%
77	13.304	1867	1870	1874	rVB3	1896	2838	0.18%	0.026%
78	13.402	1880	1886	1892	rBV6	1611	3501	0.23%	0.032%
79	13.475	1894	1898	1902	rVV5	2200	3968	0.26%	0.036%
80	13.560	1905	1912	1921	rVV	621425	1021371	66.25%	9.361%
81	13.645	1923	1926	1932	rVV4	4764	8162	0.53%	0.075%
82	13.712	1935	1937	1940	rVB3	907	1047	0.07%	0.010%
83	13.743	1940	1942	1944	rBV2	826	801	0.05%	0.007%
84	13.853	1952	1960	1969	rBV	577118	924347	59.96%	8.472%
85	14.072	1991	1996	2000	rBV2	8143	12591	0.82%	0.115%
86	14.182	2012	2014	2019	rVB5	484	793	0.05%	0.007%
87	14.231	2019	2022	2023	rBV4	702	493	0.03%	0.005%
88	14.328	2033	2038	2041	rBV5	3628	5609	0.36%	0.051%
89	14.401	2048	2050	2052	rVB3	600	580	0.04%	0.005%
90	14.438	2052	2056	2058	rBV4	773	1145	0.07%	0.010%
91	14.529	2063	2071	2078	rBV6	4549	8580	0.56%	0.079%
92	14.724	2101	2103	2107	rVB4	546	573	0.04%	0.005%
93	14.779	2111	2112	2117	rBV4	585	800	0.05%	0.007%
94	14.871	2125	2127	2128	rBV2	649	491	0.03%	0.005%
95	14.913	2133	2134	2138	rBV2	778	1026	0.07%	0.009%
96	15.060	2157	2158	2159	rBV	732	494	0.03%	0.005%
97	15.358	2205	2207	2210	rBV2	748	674	0.04%	0.006%
98	15.438	2216	2220	2225	rVB2	3856	5559	0.36%	0.051%
99	15.499	2225	2230	2235	rVB2	5512	10161	0.66%	0.093%
100	15.974	2304	2308	2311	rBV5	773	1437	0.09%	0.013%

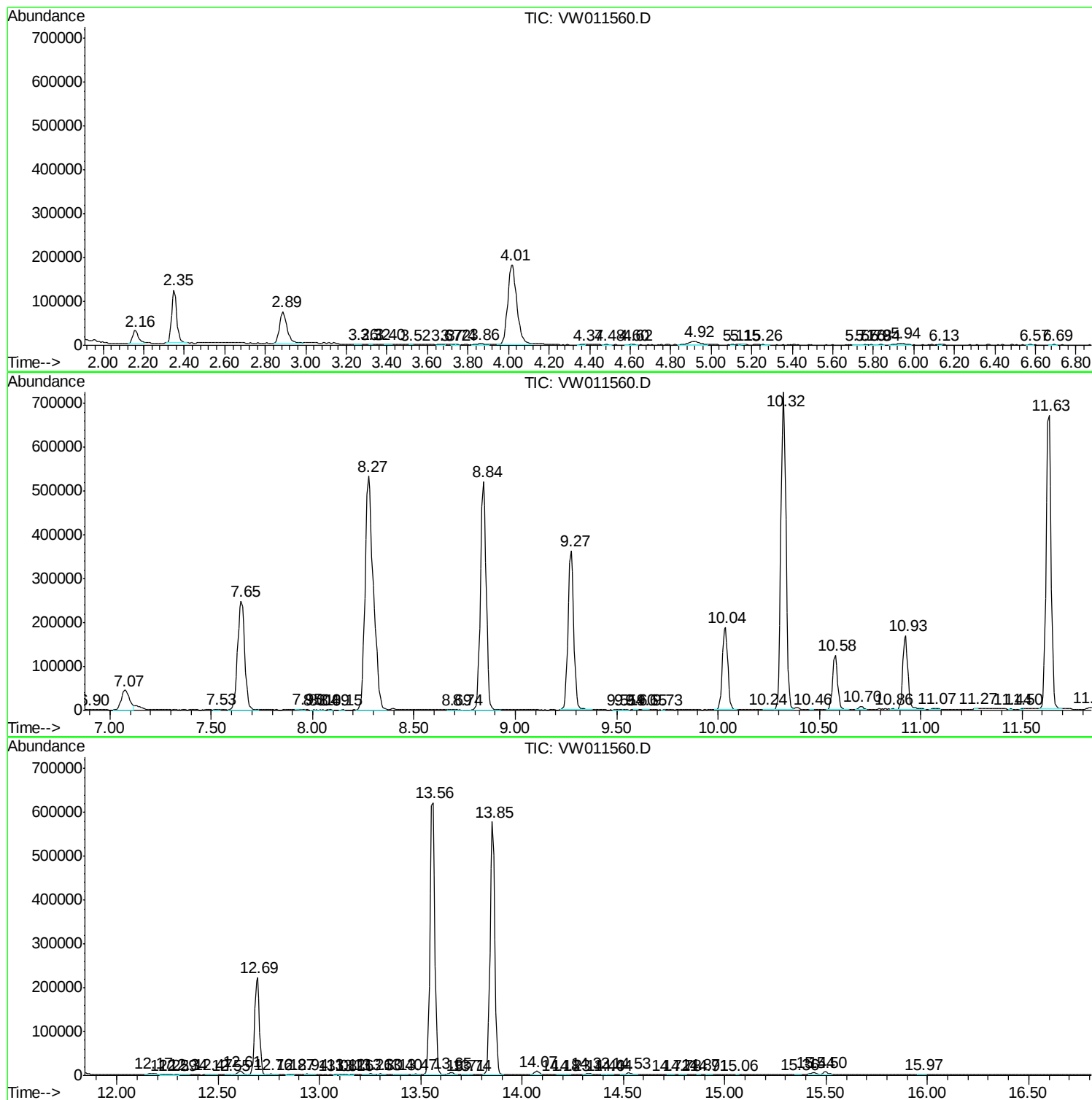
Sum of corrected areas: 10910336

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
Quant Title : VOC Analysis

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



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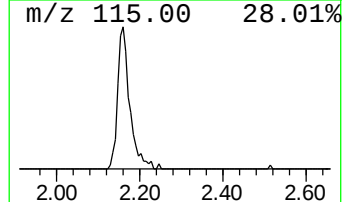
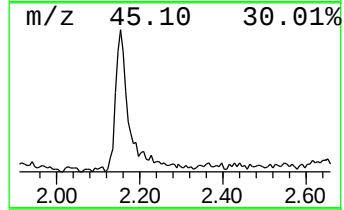
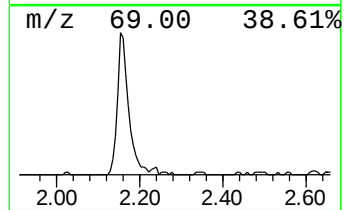
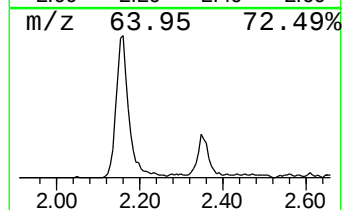
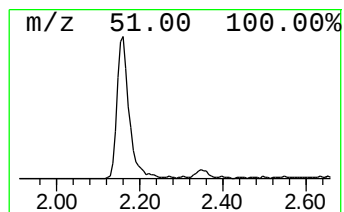
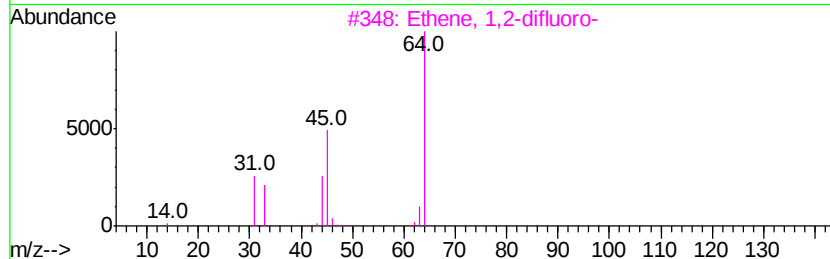
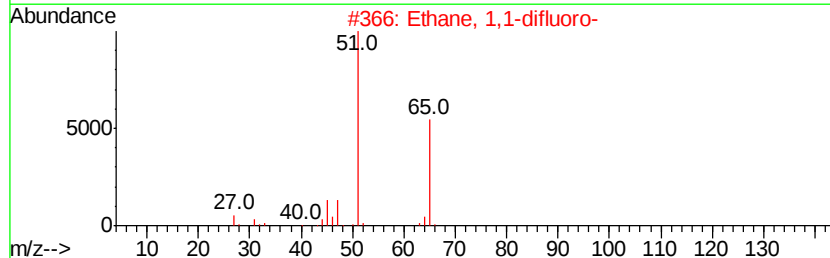
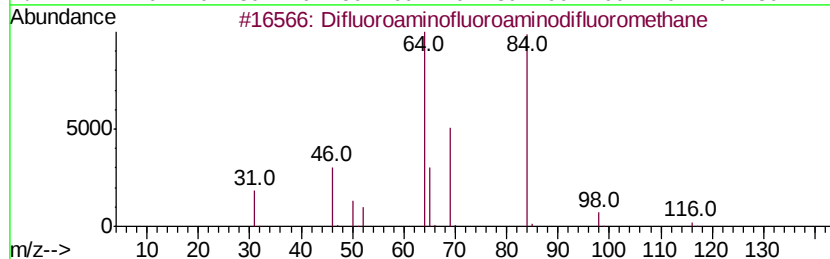
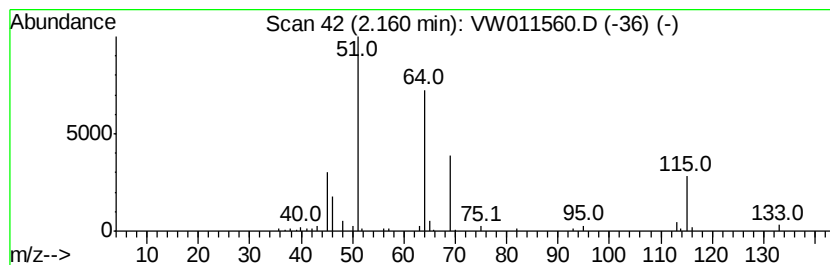
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	1.43 ug/L	58600	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Difluoroaminofluoroaminodifluoro...	136	CHF5N2	037931-37-6	9
2		Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	7
3		Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	5
4		Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5
5		Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	5



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	2.16	1.4	ug/L	58600	1	8.84	1021810	25.0