

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009446.D
 Acq On : 25 Mar 2019 23:57
 Operator : SY/VA
 Sample : K2044-14
 Misc : 5.38G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5W3

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\SOM2WLM031419S.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	1.946	4	7	18	rVB6	5920	15652	1.16%	0.163%
2	2.154	36	41	47	rBV2	23114	48435	3.57%	0.503%
3	2.355	68	74	86	rBV	63626	152206	11.23%	1.582%
4	2.891	155	162	173	rVB	71358	185623	13.70%	1.929%
5	3.842	317	318	319	rBV	1990	1251	0.09%	0.013%
6	4.013	333	346	357	rBV	118494	399067	29.45%	4.148%
7	4.355	399	402	403	rBV2	2081	2177	0.16%	0.023%
8	4.379	403	406	407	rBV3	3139	3292	0.24%	0.034%
9	4.623	444	446	448	rVB2	1409	1313	0.10%	0.014%
10	4.647	448	450	452	rBV3	1666	1631	0.12%	0.017%
11	4.733	462	464	467	rBV2	1382	1288	0.10%	0.013%
12	4.915	481	494	509	rBV4	28604	122760	9.06%	1.276%
13	5.147	530	532	538	rBV3	1199	1937	0.14%	0.020%
14	5.202	538	541	544	rVB3	1869	2719	0.20%	0.028%
15	5.239	544	547	549	rBV	2191	1919	0.14%	0.020%
16	5.330	559	562	566	rVB2	2138	3132	0.23%	0.033%
17	5.568	600	601	606	rBV2	1536	1375	0.10%	0.014%
18	5.702	619	623	626	rVB	1096	1280	0.09%	0.013%
19	5.738	626	629	630	rBV2	1774	1913	0.14%	0.020%
20	5.769	631	634	635	rVV	1719	1518	0.11%	0.016%
21	5.934	648	661	668	rBV4	13400	42350	3.13%	0.440%
22	6.019	671	675	676	rBV	1493	1540	0.11%	0.016%
23	6.080	682	685	686	rBV2	2034	2099	0.15%	0.022%
24	6.129	692	693	696	rVB2	2507	1783	0.13%	0.019%
25	6.171	696	700	703	rVB4	1526	2456	0.18%	0.026%
26	6.208	703	706	709	rBV	2283	2401	0.18%	0.025%
27	6.403	737	738	741	rBV3	1322	1419	0.10%	0.015%
28	6.476	748	750	753	rBV	1650	1813	0.13%	0.019%
29	6.568	762	765	767	rVB3	1429	1366	0.10%	0.014%
30	6.726	790	791	794	rVB2	1746	1355	0.10%	0.014%
31	6.885	808	817	822	rBV9	5916	20118	1.48%	0.209%
32	7.080	840	849	858	rBV	66559	188872	13.94%	1.963%
33	7.269	878	880	882	rBV	1367	1353	0.10%	0.014%
34	7.372	895	897	901	rBV	2586	3380	0.25%	0.035%

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35	7.433	904	907	910	rBV3	1148	1648	0.12%	0.017%
36	7.525	919	922	923	rBV2	2313	2057	0.15%	0.021%
37	7.641	931	941	957	rBV	267097	641812	47.37%	6.671%
38	7.848	972	975	978	rVB3	1391	1247	0.09%	0.013%
39	7.878	978	980	982	rBV2	1214	1376	0.10%	0.014%
40	8.031	999	1005	1011	rBV6	3844	7773	0.57%	0.081%
41	8.140	1019	1023	1024	rBV	1656	1375	0.10%	0.014%
42	8.275	1032	1045	1061	rBV2	424165	1354902	100.00%	14.084%
43	8.403	1063	1066	1068	rBV4	2429	2910	0.21%	0.030%
44	8.476	1071	1078	1087	rVB2	16396	41318	3.05%	0.429%
45	8.598	1096	1098	1101	rVB3	1415	1257	0.09%	0.013%
46	8.628	1101	1103	1105	rBV	1588	1565	0.12%	0.016%
47	8.671	1108	1110	1111	rBV	2253	1386	0.10%	0.014%
48	8.683	1111	1112	1114	rBV2	2752	2319	0.17%	0.024%
49	8.842	1129	1138	1147	rBV	482527	945371	69.77%	9.827%
50	9.073	1169	1176	1181	rVB7	5900	14480	1.07%	0.151%
51	9.165	1189	1191	1195	rVB3	1538	1493	0.11%	0.016%
52	9.274	1200	1209	1216	rBV	328982	685035	50.56%	7.121%
53	9.378	1223	1226	1227	rBV	3495	3194	0.24%	0.033%
54	9.457	1235	1239	1246	rVB5	6290	12457	0.92%	0.129%
55	9.555	1254	1255	1258	rBV3	1513	1330	0.10%	0.014%
56	9.604	1260	1263	1265	rVV3	1735	1978	0.15%	0.021%
57	9.665	1270	1273	1277	rVB4	3082	3593	0.27%	0.037%
58	9.756	1281	1288	1297	rVB4	19626	40635	3.00%	0.422%
59	9.890	1303	1310	1317	rBV2	33179	66126	4.88%	0.687%
60	10.036	1326	1334	1341	rBV2	164350	299720	22.12%	3.115%
61	10.177	1356	1357	1360	rBV	1963	2059	0.15%	0.021%
62	10.207	1360	1362	1364	rVV2	2624	2626	0.19%	0.027%
63	10.250	1364	1369	1373	rVB4	6334	11024	0.81%	0.115%
64	10.323	1373	1381	1390	rBV	509560	898964	66.35%	9.344%
65	10.488	1404	1408	1415	rVB8	5178	12171	0.90%	0.127%
66	10.579	1416	1423	1430	rBV	111849	198529	14.65%	2.064%
67	10.744	1448	1450	1451	rBV2	2001	1631	0.12%	0.017%
68	10.762	1451	1453	1459	rVB7	5937	9123	0.67%	0.095%
69	10.811	1459	1461	1464	rBV3	2573	2858	0.21%	0.030%
70	10.859	1464	1469	1473	rBV8	6613	12736	0.94%	0.132%
71	10.927	1473	1480	1492	rBV	260862	438536	32.37%	4.558%

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72	11.073	1501	1504	1509	rVV4	5268	8525	0.63%	0.089%
73	11.116	1509	1511	1513	rVB3	2372	1358	0.10%	0.014%
74	11.225	1526	1529	1534	rBV5	6879	9723	0.72%	0.101%
75	11.280	1536	1538	1543	rVB5	3438	5272	0.39%	0.055%
76	11.433	1561	1563	1569	rVB4	5407	8538	0.63%	0.089%
77	11.493	1572	1573	1575	rBV	1684	1427	0.11%	0.015%
78	11.554	1580	1583	1584	rBV2	2455	2488	0.18%	0.026%
79	11.634	1588	1596	1603	rBV	562365	955440	70.52%	9.932%
80	11.829	1623	1628	1629	rBV5	5917	8825	0.65%	0.092%
81	11.993	1654	1655	1659	rBV3	1811	2869	0.21%	0.030%
82	12.036	1659	1662	1669	rVB7	4777	8670	0.64%	0.090%
83	12.140	1672	1679	1683	rBV7	8465	21088	1.56%	0.219%
84	12.335	1703	1711	1721	rBV8	15685	46728	3.45%	0.486%
85	12.615	1752	1757	1761	rVB5	9124	16903	1.25%	0.176%
86	12.695	1762	1770	1776	rBV	258537	431287	31.83%	4.483%
87	12.780	1781	1784	1790	rVB5	16397	27803	2.05%	0.289%
88	12.865	1794	1798	1800	rBV5	7507	10554	0.78%	0.110%
89	13.085	1831	1834	1838	rVB5	7252	9989	0.74%	0.104%
90	13.164	1845	1847	1850	rBV3	6060	7736	0.57%	0.080%
91	13.396	1880	1885	1887	rBV3	10183	18662	1.38%	0.194%
92	13.481	1897	1899	1902	rBV4	6153	7294	0.54%	0.076%
93	13.560	1906	1912	1920	rVB	329061	529557	39.08%	5.505%
94	13.700	1931	1935	1939	rVB7	10581	16107	1.19%	0.167%
95	13.853	1954	1960	1970	rBV	250168	449872	33.20%	4.676%
96	14.267	2024	2028	2035	rVB9	9325	17176	1.27%	0.179%
97	14.334	2035	2039	2045	rBV7	11074	22001	1.62%	0.229%
98	14.389	2045	2048	2050	rBV3	7669	9856	0.73%	0.102%
99	14.499	2062	2066	2069	rBV5	3451	6090	0.45%	0.063%
100	15.414	2213	2216	2217	rBV3	7214	7044	0.52%	0.073%

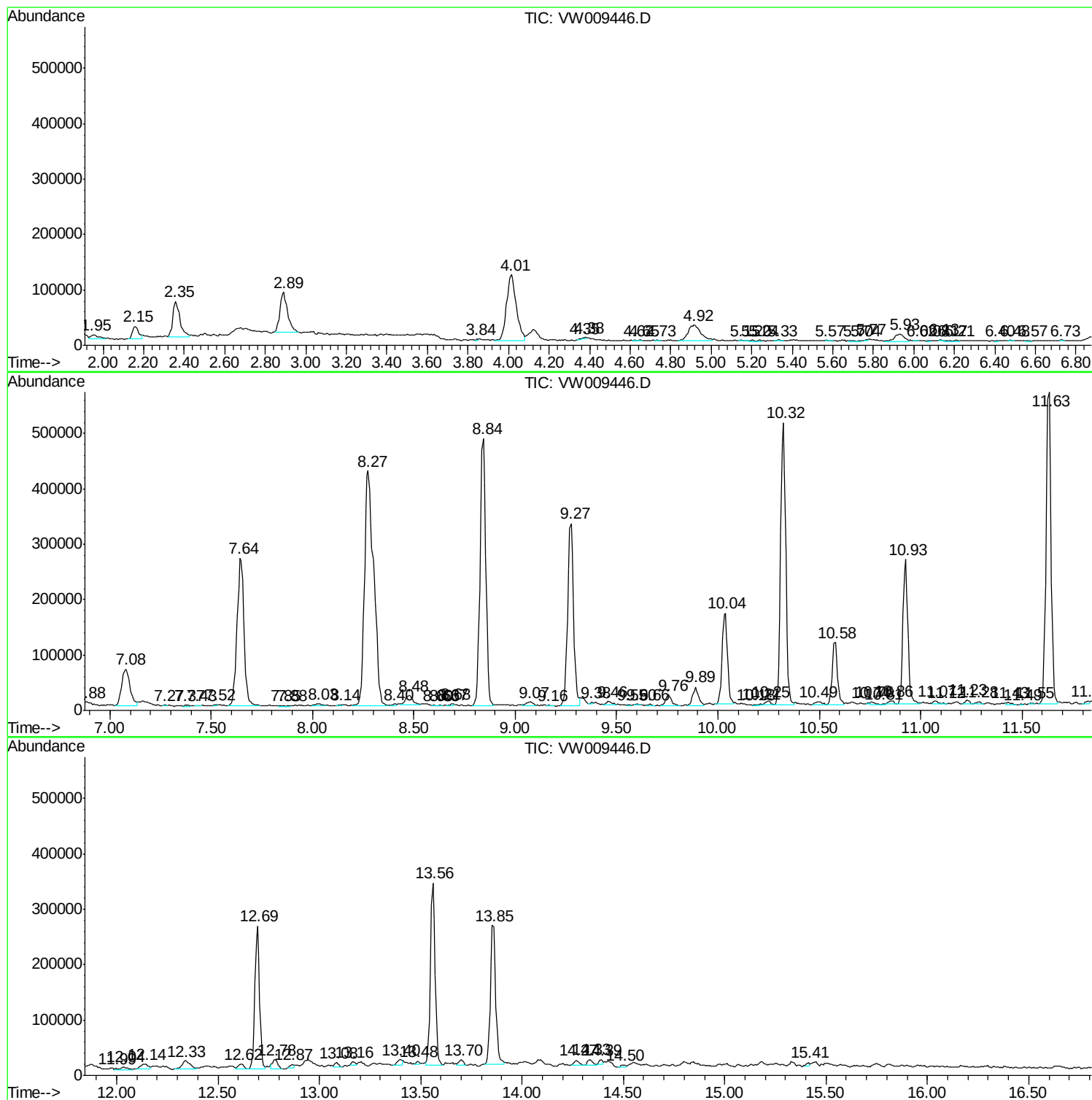
Sum of corrected areas: 9620289

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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



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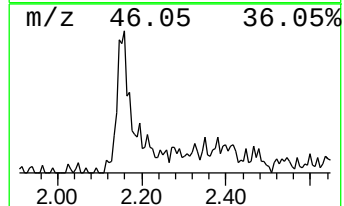
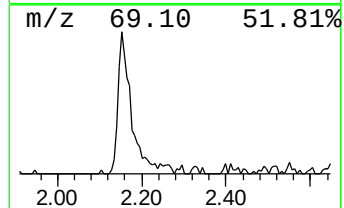
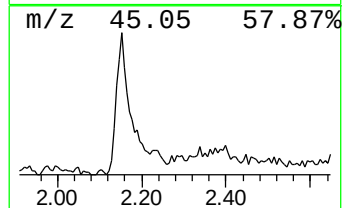
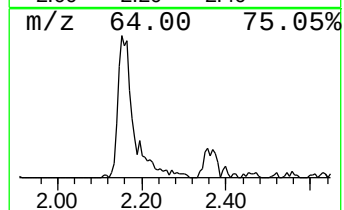
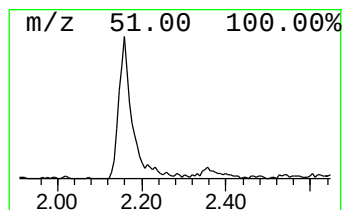
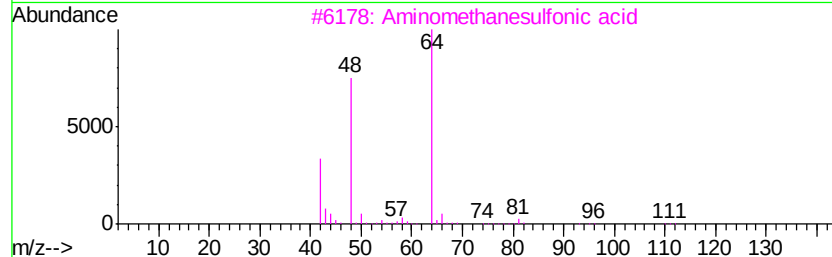
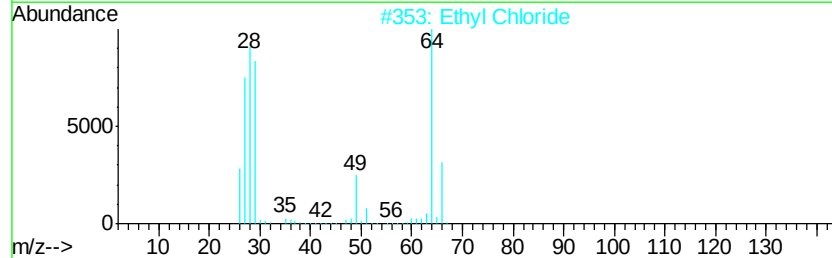
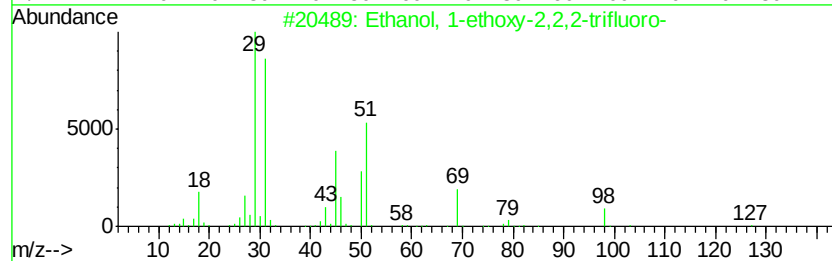
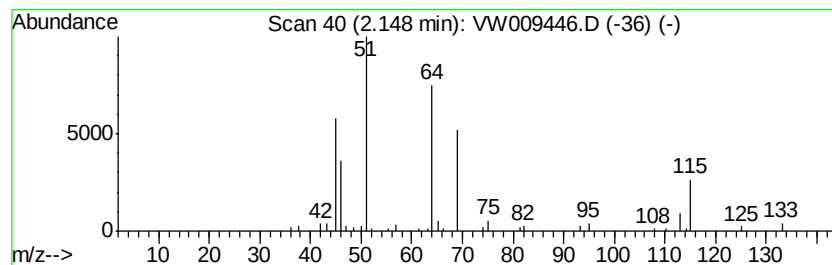
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.28 ug/L	48435	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 1-ethoxy-2,2,2-trifluoro-	144	C4H7F3O2	000433-27-2	32
2			Ethyl Chloride	64	C2H5Cl	000075-00-3	12
3			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4			Propane, 1,1,1,3,3,3-hexafluoro-	152	C3H2F6	000690-39-1	9
5			Tetrafluoroformamidine	116	CF4N2	014362-70-0	7



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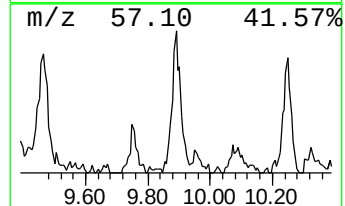
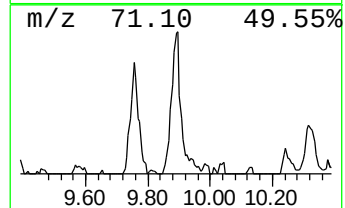
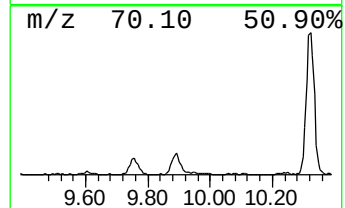
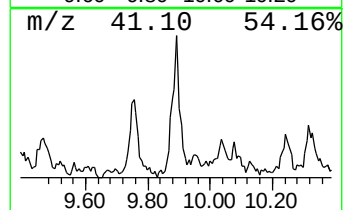
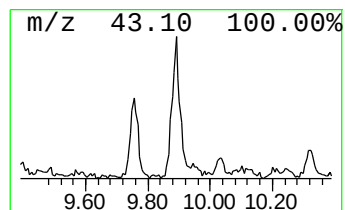
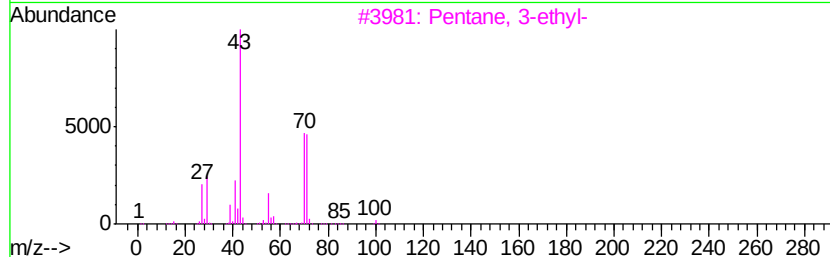
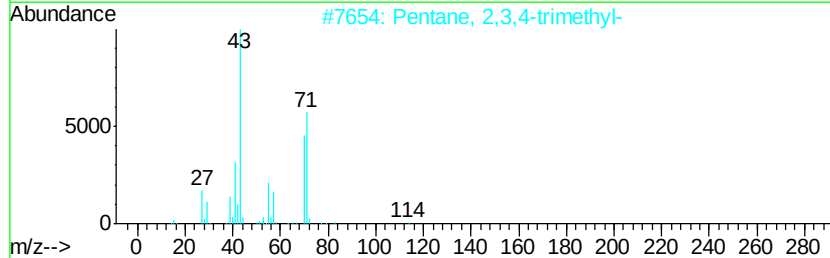
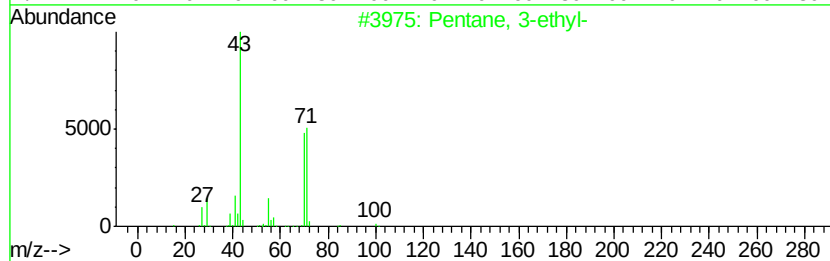
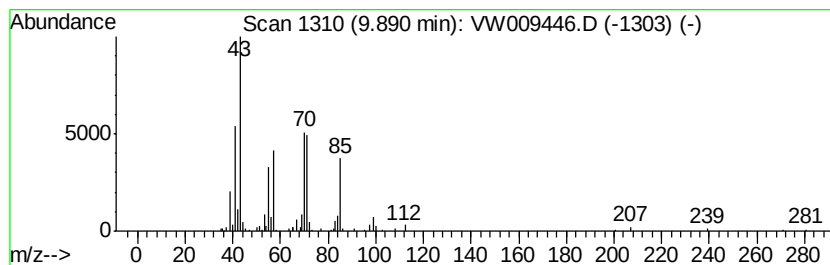
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Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	1.75 ug/L	66126	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	64
2		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
3		Pentane, 3-ethyl-	100	C7H16	000617-78-7	59
4		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
5		Pentane, 3-ethyl-	100	C7H16	000617-78-7	59



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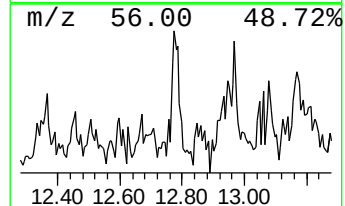
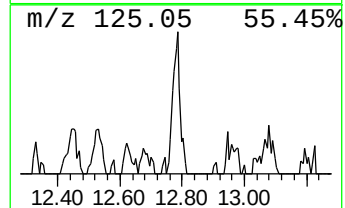
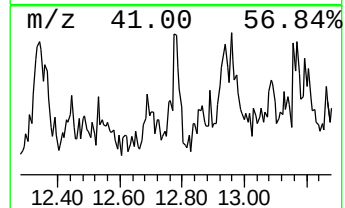
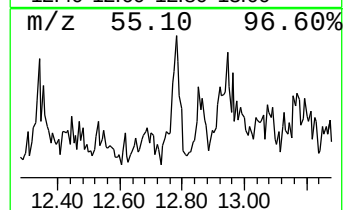
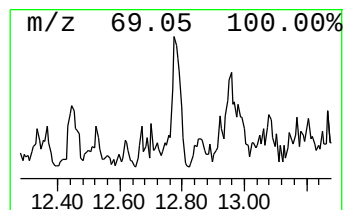
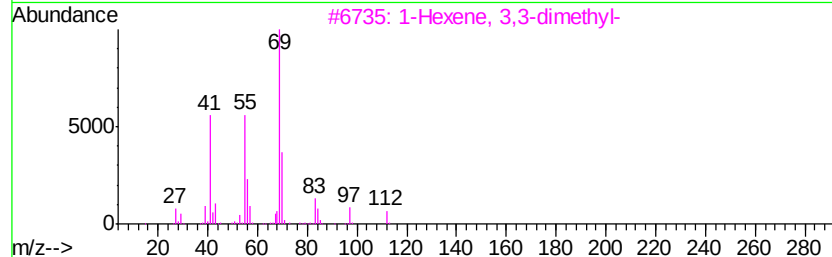
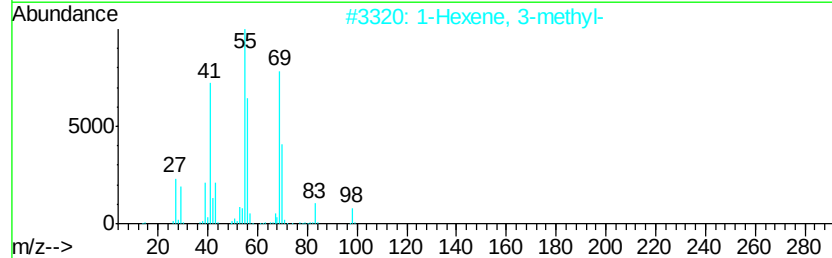
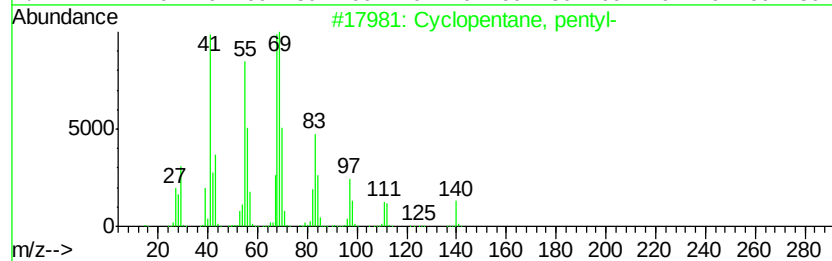
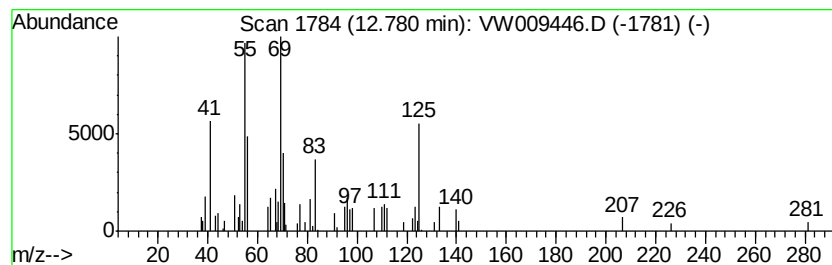
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclopentane, pentyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	1.31 ug/L	27803	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, pentyl-	140	C10H20	003741-00-2	89
2		1-Hexene, 3-methyl-	98	C7H14	003404-61-3	47
3		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43
4		trans-2,2-Dimethyl-4-heptenal	140	C9H16O	091296-58-1	43
5		3-Heptene, 2-methyl-	112	C8H16	017618-76-7	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW032519\
Data File : VW009446.D
Acq On : 25 Mar 2019 23:57
Operator : SY/VA
Sample : K2044-14
Misc : 5.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5W3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	2.15	1.3	ug/L	48435	1	8.84	945371	25.0
(DEL) Alkane: Str...	9.89	1.8	ug/L	66126	1	8.84	945371	25.0
Cyclopentane, pen...	12.78	1.3	ug/L	27803	3	13.56	529557	25.0