

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071719\
 Data File : VW011316.D
 Acq On : 17 Jul 2019 20:03
 Operator : SY/VA
 Sample : K3798-19
 Misc : 6.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H1

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\SOM2WLM070219S.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	1.958	6	9	12	rBV3	3831	6807	0.61%	0.071%
2	2.349	67	73	88	rVB	58612	111507	9.91%	1.164%
3	2.489	91	96	103	rBV	9220	19020	1.69%	0.199%
4	2.885	154	161	172	rBV	37525	98074	8.72%	1.024%
5	3.379	233	242	250	rVB2	5629	14383	1.28%	0.150%
6	3.531	263	267	273	rBV3	1961	4475	0.40%	0.047%
7	3.733	287	300	304	rBV7	1600	4867	0.43%	0.051%
8	3.848	313	319	321	rBV5	1303	2504	0.22%	0.026%
9	4.019	333	347	358	rBV	101166	358322	31.85%	3.742%
10	4.117	358	363	378	rVB2	19378	57299	5.09%	0.598%
11	4.379	398	406	408	rBV4	1881	4149	0.37%	0.043%
12	4.665	446	453	462	rBV2	3662	11298	1.00%	0.118%
13	4.812	473	477	480	rVV3	515	610	0.05%	0.006%
14	4.921	483	495	508	rBV3	6931	29423	2.62%	0.307%
15	5.440	576	580	583	rBV4	341	534	0.05%	0.006%
16	5.738	624	629	631	rBV4	595	738	0.07%	0.008%
17	5.933	655	661	668	rVB4	2222	5900	0.52%	0.062%
18	6.104	682	689	690	rBV3	1079	1759	0.16%	0.018%
19	6.427	741	742	746	rVB3	422	550	0.05%	0.006%
20	6.482	748	751	755	rVB3	405	556	0.05%	0.006%
21	6.891	809	818	829	rBV3	4754	16010	1.42%	0.167%
22	7.073	839	848	863	rBV	56062	176693	15.71%	1.845%
23	7.317	887	888	893	rVB3	626	597	0.05%	0.006%
24	7.500	916	918	921	rVV2	628	779	0.07%	0.008%
25	7.543	923	925	926	rVV2	761	532	0.05%	0.006%
26	7.646	930	942	957	rBV	189552	460932	40.97%	4.813%
27	8.049	1005	1008	1010	rVB2	456	495	0.04%	0.005%
28	8.274	1035	1045	1060	rBV2	367026	1124967	100.00%	11.747%
29	8.494	1079	1081	1082	rBV2	498	463	0.04%	0.005%
30	8.512	1082	1084	1085	rVV2	652	669	0.06%	0.007%
31	8.555	1085	1091	1099	rVB4	3233	7972	0.71%	0.083%
32	8.701	1109	1115	1125	rVB7	2410	6175	0.55%	0.064%
33	8.841	1129	1138	1149	rBV	399595	794962	70.67%	8.301%
34	8.939	1152	1154	1157	rVV3	544	650	0.06%	0.007%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071719\
 Data File : VW011316.D
 Acq On : 17 Jul 2019 20:03
 Operator : SY/VA
 Sample : K3798-19
 Misc : 6.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H1

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\SOM2WLM070219S.M
 Title : VOC Analysis

35	9.079	1168	1177	1183	rBV9	2660	6923	0.62%	0.072%
36	9.274	1198	1209	1218	rBV	281080	584492	51.96%	6.103%
37	9.408	1224	1231	1244	rVB	36822	75034	6.67%	0.783%
38	9.555	1252	1255	1262	rVB5	326	623	0.06%	0.007%
39	9.658	1266	1272	1280	rBV6	3626	8101	0.72%	0.085%
40	10.036	1325	1334	1343	rBV	131513	246494	21.91%	2.574%
41	10.122	1343	1348	1352	rBV6	2093	4597	0.41%	0.048%
42	10.323	1371	1381	1388	rBV	484088	858002	76.27%	8.959%
43	10.390	1388	1392	1400	rVV2	7301	13180	1.17%	0.138%
44	10.506	1408	1411	1416	rVV5	884	1612	0.14%	0.017%
45	10.579	1416	1423	1436	rVV	92213	161400	14.35%	1.685%
46	10.707	1438	1444	1449	rVV2	10995	19403	1.72%	0.203%
47	10.750	1449	1451	1452	rVV2	628	499	0.04%	0.005%
48	10.859	1465	1469	1471	rVB4	592	687	0.06%	0.007%
49	10.926	1473	1480	1495	rBV	217110	375292	33.36%	3.919%
50	11.073	1497	1504	1516	rVV	377840	620395	55.15%	6.478%
51	11.414	1556	1560	1561	rVB4	664	600	0.05%	0.006%
52	11.554	1580	1583	1584	rBV2	665	646	0.06%	0.007%
53	11.634	1584	1596	1604	rBV	561463	953905	84.79%	9.960%
54	11.737	1609	1613	1617	rVB5	1420	2492	0.22%	0.026%
55	11.835	1620	1629	1640	rBV	16169	35021	3.11%	0.366%
56	11.951	1644	1648	1657	rVB7	2186	4654	0.41%	0.049%
57	12.170	1681	1684	1689	rVB6	1431	1858	0.17%	0.019%
58	12.237	1691	1695	1697	rBV5	916	1527	0.14%	0.016%
59	12.341	1705	1712	1720	rBV2	10916	18906	1.68%	0.197%
60	12.463	1729	1732	1736	rBV4	623	1045	0.09%	0.011%
61	12.511	1738	1740	1741	rVV2	767	577	0.05%	0.006%
62	12.530	1741	1743	1746	rVB3	702	687	0.06%	0.007%
63	12.609	1746	1756	1763	rBV	65936	108733	9.67%	1.135%
64	12.694	1763	1770	1777	rVB	245075	401440	35.68%	4.192%
65	12.896	1800	1803	1804	rBV2	886	899	0.08%	0.009%
66	12.944	1806	1811	1816	rVB	24062	37858	3.37%	0.395%
67	13.042	1822	1827	1831	rBV2	2522	3729	0.33%	0.039%
68	13.097	1831	1836	1842	rVV6	4407	7924	0.70%	0.083%
69	13.164	1843	1847	1850	rVV5	1870	2979	0.26%	0.031%
70	13.225	1854	1857	1858	rVV3	720	797	0.07%	0.008%
71	13.274	1862	1865	1874	rVB8	1909	4004	0.36%	0.042%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071719\
 Data File : VW011316.D
 Acq On : 17 Jul 2019 20:03
 Operator : SY/VA
 Sample : K3798-19
 Misc : 6.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H1

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\SOM2WLM070219S.M
 Title : VOC Analysis

72	13.402	1878	1886	1891	rBV2	8134	14452	1.28%	0.151%
73	13.469	1895	1897	1900	rVV3	837	1094	0.10%	0.011%
74	13.499	1900	1902	1905	rVV4	1357	1736	0.15%	0.018%
75	13.560	1905	1912	1920	rVV	517869	829522	73.74%	8.662%
76	13.652	1923	1927	1932	rVV	7002	11392	1.01%	0.119%
77	13.712	1935	1937	1939	rBV3	700	493	0.04%	0.005%
78	13.853	1952	1960	1969	rBV	436191	714482	63.51%	7.460%
79	14.023	1984	1988	1991	rBV5	1013	2060	0.18%	0.022%
80	14.072	1991	1996	2008	rVV	29807	50794	4.52%	0.530%
81	14.328	2033	2038	2045	rBV5	10674	17856	1.59%	0.186%
82	14.420	2049	2053	2056	rBV6	1880	2173	0.19%	0.023%
83	14.456	2056	2059	2063	rVB4	2118	2639	0.23%	0.028%
84	14.529	2066	2071	2077	rVB6	4103	7617	0.68%	0.080%
85	14.627	2083	2087	2091	rVB6	1407	1937	0.17%	0.020%
86	14.688	2094	2097	2100	rVV3	980	1550	0.14%	0.016%
87	14.731	2100	2104	2109	rVB2	3023	4634	0.41%	0.048%
88	14.792	2111	2114	2119	rVB4	1570	2826	0.25%	0.030%
89	14.859	2122	2125	2129	rBV4	1360	2035	0.18%	0.021%
90	14.950	2137	2140	2142	rBV3	790	1060	0.09%	0.011%
91	15.066	2157	2159	2161	rVB2	740	518	0.05%	0.005%
92	15.133	2168	2170	2174	rVB4	583	587	0.05%	0.006%
93	15.182	2174	2178	2183	rBV6	2937	5276	0.47%	0.055%
94	15.255	2185	2190	2191	rBV5	854	1056	0.09%	0.011%
95	15.365	2205	2208	2210	rBV3	1150	1415	0.13%	0.015%
96	15.499	2226	2230	2234	rVB3	1405	2036	0.18%	0.021%
97	15.852	2286	2288	2295	rVB6	1381	2408	0.21%	0.025%
98	16.163	2337	2339	2341	rBV2	433	489	0.04%	0.005%
99	16.450	2384	2386	2388	rBV2	597	582	0.05%	0.006%
100	16.572	2404	2406	2407	rBV2	605	535	0.05%	0.006%

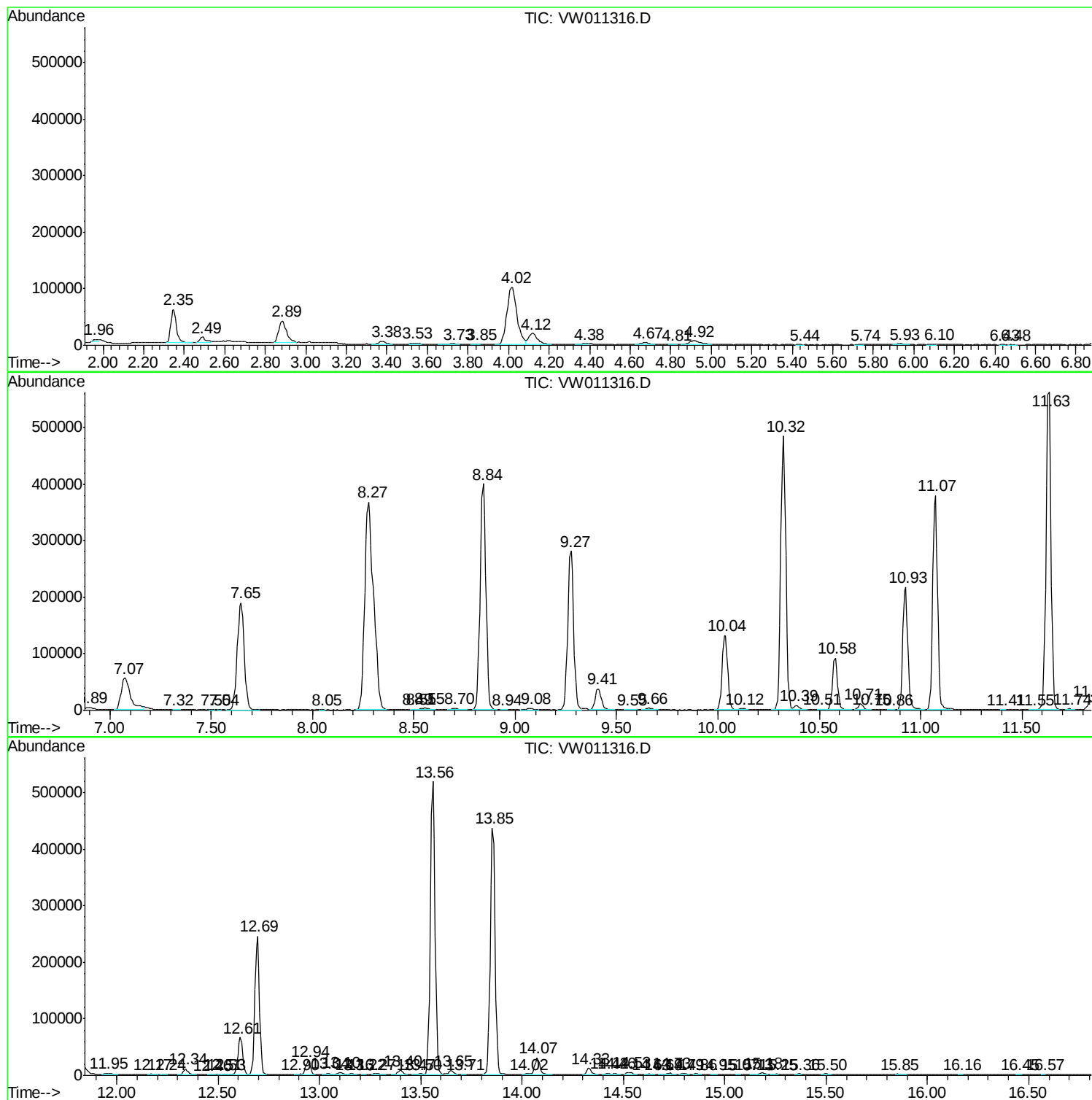
Sum of corrected areas: 9576940

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071719\
Data File : VW011316.D
Acq On : 17 Jul 2019 20:03
Operator : SY/VA
Sample : K3798-19
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071719\
Data File : VW011316.D
Acq On : 17 Jul 2019 20:03
Operator : SY/VA
Sample : K3798-19
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H1

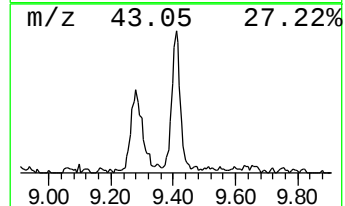
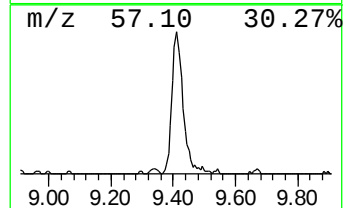
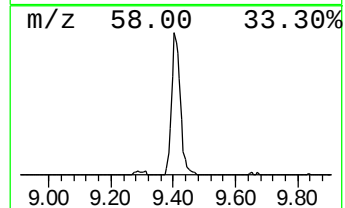
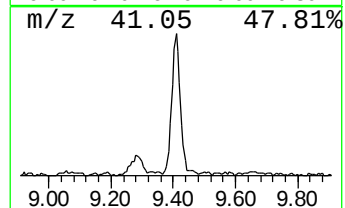
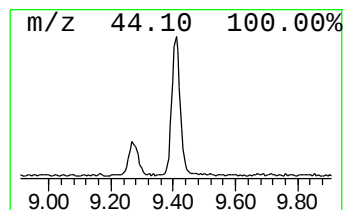
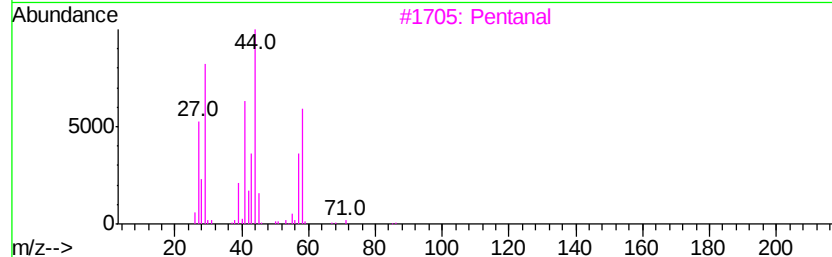
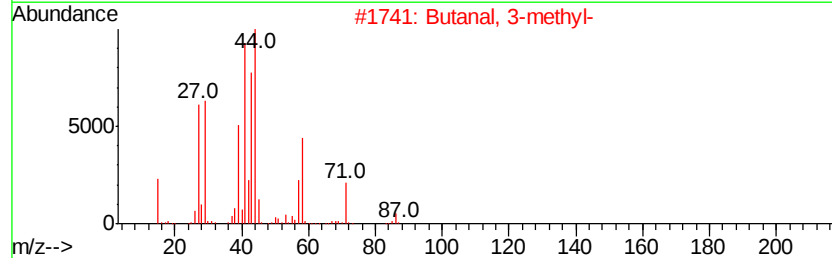
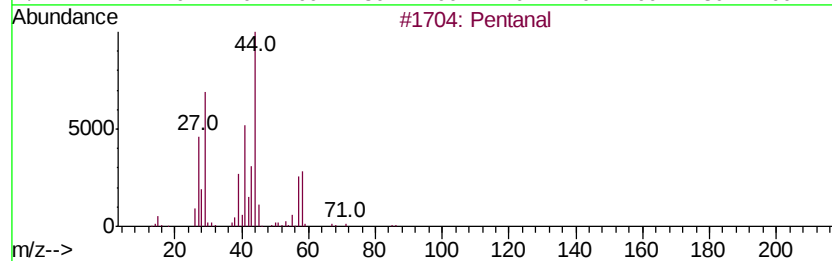
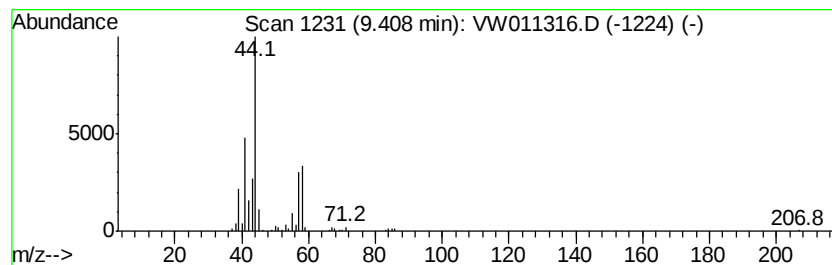
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 1 Pentanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	2.36 ug/L	75034	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	90
2		Butanal, 3-methyl-	86	C5H10O	000590-86-3	64
3		Pentanal	86	C5H10O	000110-62-3	64
4		Pentanal	86	C5H10O	000110-62-3	64
5		Butanal, 3-methyl-	86	C5H10O	000590-86-3	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071719\
Data File : VW011316.D
Acq On : 17 Jul 2019 20:03
Operator : SY/VA
Sample : K3798-19
Misc : 6.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H1

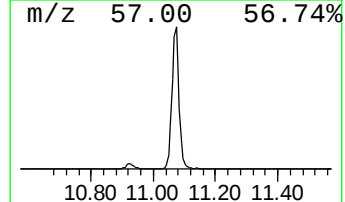
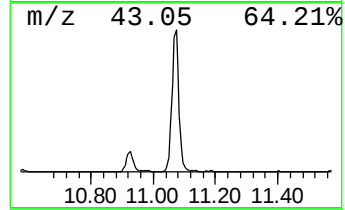
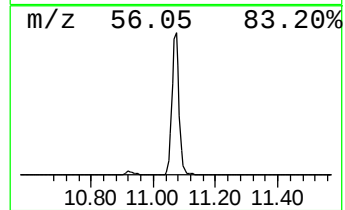
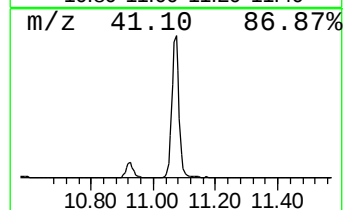
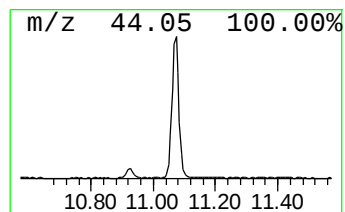
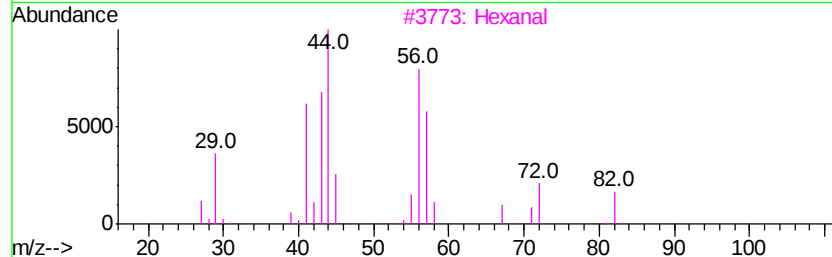
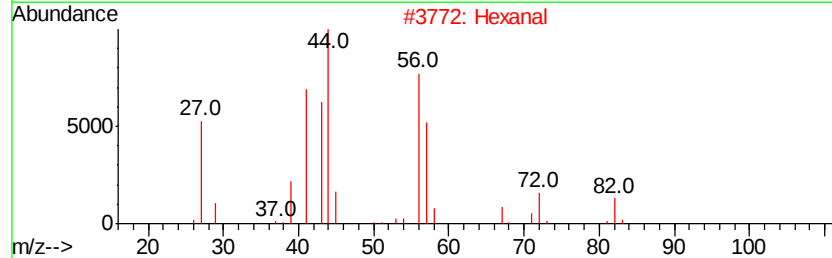
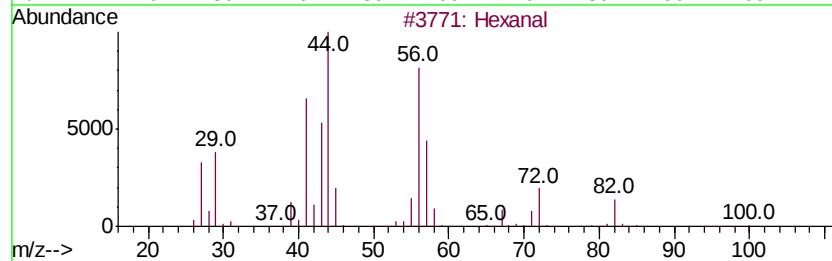
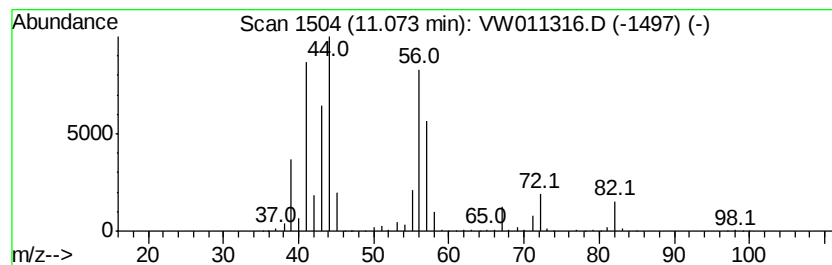
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 3 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	16.26 ug/L	620395	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	90
2	Hexanal		100	C6H12O	000066-25-1	90
3	Hexanal		100	C6H12O	000066-25-1	83
4	Hexanal		100	C6H12O	000066-25-1	64
5	Butanal		72	C4H8O	000123-72-8	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071719\
Data File : VW011316.D
Acq On : 17 Jul 2019 20:03
Operator : SY/VA
Sample : K3798-19
Misc : 6.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.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
Pentanal	9.41	2.4	ug/L	75034	1	8.84	794962	25.0
Hexanal	11.07	16.3	ug/L	620395	2	11.63	953905	25.0