

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
 Data File : VW011290.D
 Acq On : 16 Jul 2019 17:06
 Operator : SY/VA
 Sample : K3798-07RE
 Misc : 5.30G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H4RE

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	1.959	6	9	11	rBV2	4151	5402	0.34%	0.057%
2	2.148	36	40	48	rBV2	5672	12701	0.81%	0.133%
3	2.349	67	73	82	rVB	55796	101802	6.49%	1.067%
4	2.489	91	96	104	rBV	15035	32508	2.07%	0.341%
5	2.885	154	161	173	rVB	37759	92192	5.88%	0.966%
6	3.379	236	242	251	rVB2	7651	17154	1.09%	0.180%
7	3.532	261	267	273	rBV2	3794	9141	0.58%	0.096%
8	3.690	291	293	294	rVV2	666	641	0.04%	0.007%
9	3.727	294	299	307	rVB5	2464	5814	0.37%	0.061%
10	3.800	309	311	313	rVB2	839	813	0.05%	0.009%
11	3.830	313	316	318	rBV3	930	1275	0.08%	0.013%
12	4.013	334	346	357	rBV	92570	312848	19.94%	3.279%
13	4.117	357	363	377	rVB	48124	132960	8.48%	1.394%
14	4.385	397	407	420	rBV2	9852	31896	2.03%	0.334%
15	4.666	442	453	466	rBV2	14083	43181	2.75%	0.453%
16	4.794	473	474	478	rBV2	412	557	0.04%	0.006%
17	4.922	484	495	503	rBV7	2295	8504	0.54%	0.089%
18	5.117	525	527	530	rVB3	757	632	0.04%	0.007%
19	5.153	530	533	534	rBV2	536	658	0.04%	0.007%
20	5.787	626	637	647	rBV3	4670	14988	0.96%	0.157%
21	6.220	705	708	712	rBV3	353	568	0.04%	0.006%
22	6.391	730	736	737	rBV4	1159	1457	0.09%	0.015%
23	6.476	748	750	753	rVB	659	571	0.04%	0.006%
24	6.598	762	770	779	rVV8	1412	3793	0.24%	0.040%
25	6.897	808	819	827	rBV5	3448	11399	0.73%	0.119%
26	7.074	838	848	858	rBV	60746	173167	11.04%	1.815%
27	7.165	858	863	880	rVB2	17678	53825	3.43%	0.564%
28	7.500	910	918	923	rBV2	3082	7850	0.50%	0.082%
29	7.647	932	942	960	rVB	160321	405269	25.84%	4.248%
30	7.952	990	992	997	rVB4	561	773	0.05%	0.008%
31	8.275	1035	1045	1060	rBV2	320516	992352	63.26%	10.402%
32	8.555	1084	1091	1097	rVV4	3418	7815	0.50%	0.082%
33	8.708	1109	1116	1121	rVV3	4469	10908	0.70%	0.114%
34	8.842	1128	1138	1147	rBV	344362	680082	43.36%	7.129%

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35	9.067	1165	1175	1178	rBV7	2401	6276	0.40%	0.066%
36	9.275	1198	1209	1219	rBV	254561	514949	32.83%	5.398%
37	9.409	1225	1231	1247	rVB4	23147	51975	3.31%	0.545%
38	9.592	1258	1261	1264	rVV3	1242	1940	0.12%	0.020%
39	9.653	1264	1271	1283	rVB5	5679	14190	0.90%	0.149%
40	10.037	1325	1334	1341	rBV	120328	218666	13.94%	2.292%
41	10.122	1343	1348	1351	rBV5	1830	2993	0.19%	0.031%
42	10.207	1359	1362	1368	rVB5	1050	1550	0.10%	0.016%
43	10.323	1370	1381	1386	rVV	408102	725739	46.27%	7.608%
44	10.384	1386	1391	1406	rVB	894977	1568610	100.00%	16.443%
45	10.579	1416	1423	1431	rBV	80866	140351	8.95%	1.471%
46	10.707	1438	1444	1450	rBV4	11512	20314	1.30%	0.213%
47	10.835	1463	1465	1469	rVV3	579	886	0.06%	0.009%
48	10.927	1472	1480	1495	rBV	216386	388660	24.78%	4.074%
49	11.073	1497	1504	1517	rVV	217772	365301	23.29%	3.829%
50	11.195	1522	1524	1531	rVB5	2290	3776	0.24%	0.040%
51	11.317	1542	1544	1546	rBV2	768	636	0.04%	0.007%
52	11.542	1579	1581	1583	rBV2	844	560	0.04%	0.006%
53	11.628	1588	1595	1607	rVV	426401	728030	46.41%	7.632%
54	11.725	1609	1611	1617	rVB3	2556	3651	0.23%	0.038%
55	11.835	1623	1629	1639	rBV	11002	25067	1.60%	0.263%
56	12.024	1656	1660	1665	rVB5	1826	2961	0.19%	0.031%
57	12.170	1679	1684	1690	rVB8	1272	2651	0.17%	0.028%
58	12.237	1690	1695	1702	rVB	5573	9088	0.58%	0.095%
59	12.335	1702	1711	1718	rBV4	5682	15314	0.98%	0.161%
60	12.475	1729	1734	1739	rVB7	1966	2749	0.18%	0.029%
61	12.609	1749	1756	1761	rVV	35628	61434	3.92%	0.644%
62	12.695	1761	1770	1786	rVB	217696	392277	25.01%	4.112%
63	12.932	1805	1809	1810	rBV3	1823	1881	0.12%	0.020%
64	13.006	1817	1821	1822	rBV3	996	1102	0.07%	0.012%
65	13.097	1832	1836	1843	rVB7	2814	5132	0.33%	0.054%
66	13.158	1843	1846	1850	rBV4	1237	2008	0.13%	0.021%
67	13.280	1862	1866	1872	rVB7	5033	9975	0.64%	0.105%
68	13.335	1873	1875	1876	rBV2	1194	704	0.04%	0.007%
69	13.402	1882	1886	1890	rVB4	3380	5069	0.32%	0.053%
70	13.469	1891	1897	1898	rBV4	3088	5635	0.36%	0.059%
71	13.499	1898	1902	1906	rVV	10072	14786	0.94%	0.155%

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Integration Parameters: LSCINT.P

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72	13.560	1906	1912	1919	rVB	304469	486739	31.03%	5.102%
73	13.646	1924	1926	1934	rVB3	4096	6649	0.42%	0.070%
74	13.713	1934	1937	1938	rBV3	815	952	0.06%	0.010%
75	13.853	1953	1960	1968	rBV	254741	419152	26.72%	4.394%
76	14.012	1981	1986	1987	rBV5	1174	1734	0.11%	0.018%
77	14.073	1991	1996	2005	rVB	19312	34548	2.20%	0.362%
78	14.219	2018	2020	2030	rVB10	1495	3632	0.23%	0.038%
79	14.329	2034	2038	2043	rVV6	4042	6662	0.42%	0.070%
80	14.426	2051	2054	2056	rBV4	1705	2163	0.14%	0.023%
81	14.530	2063	2071	2077	rBV2	5565	9427	0.60%	0.099%
82	14.579	2077	2079	2086	rVB8	1011	1131	0.07%	0.012%
83	14.725	2101	2103	2111	rVB9	2722	3823	0.24%	0.040%
84	14.798	2111	2115	2118	rBV5	1582	2878	0.18%	0.030%
85	14.859	2119	2125	2130	rBV	21628	36057	2.30%	0.378%
86	15.011	2146	2150	2152	rBV4	1212	1965	0.13%	0.021%
87	15.072	2155	2160	2165	rVV6	3961	6988	0.45%	0.073%
88	15.127	2165	2169	2173	rVB6	1862	3268	0.21%	0.034%
89	15.182	2176	2178	2181	rBV3	832	879	0.06%	0.009%
90	15.261	2187	2191	2194	rBV5	955	1437	0.09%	0.015%
91	15.444	2219	2221	2223	rVB3	724	585	0.04%	0.006%
92	15.499	2227	2230	2235	rVV4	1502	2513	0.16%	0.026%
93	15.548	2236	2238	2242	rVB5	956	1161	0.07%	0.012%
94	15.621	2247	2250	2254	rBV5	669	1251	0.08%	0.013%
95	15.694	2261	2262	2266	rBV4	574	711	0.05%	0.007%
96	15.975	2306	2308	2310	rBV4	731	618	0.04%	0.006%
97	16.048	2316	2320	2326	rVB8	4109	7823	0.50%	0.082%
98	16.103	2326	2329	2331	rBV3	1047	1030	0.07%	0.011%
99	16.194	2342	2344	2346	rVB	956	581	0.04%	0.006%
100	16.225	2346	2349	2352	rBV4	547	912	0.06%	0.010%

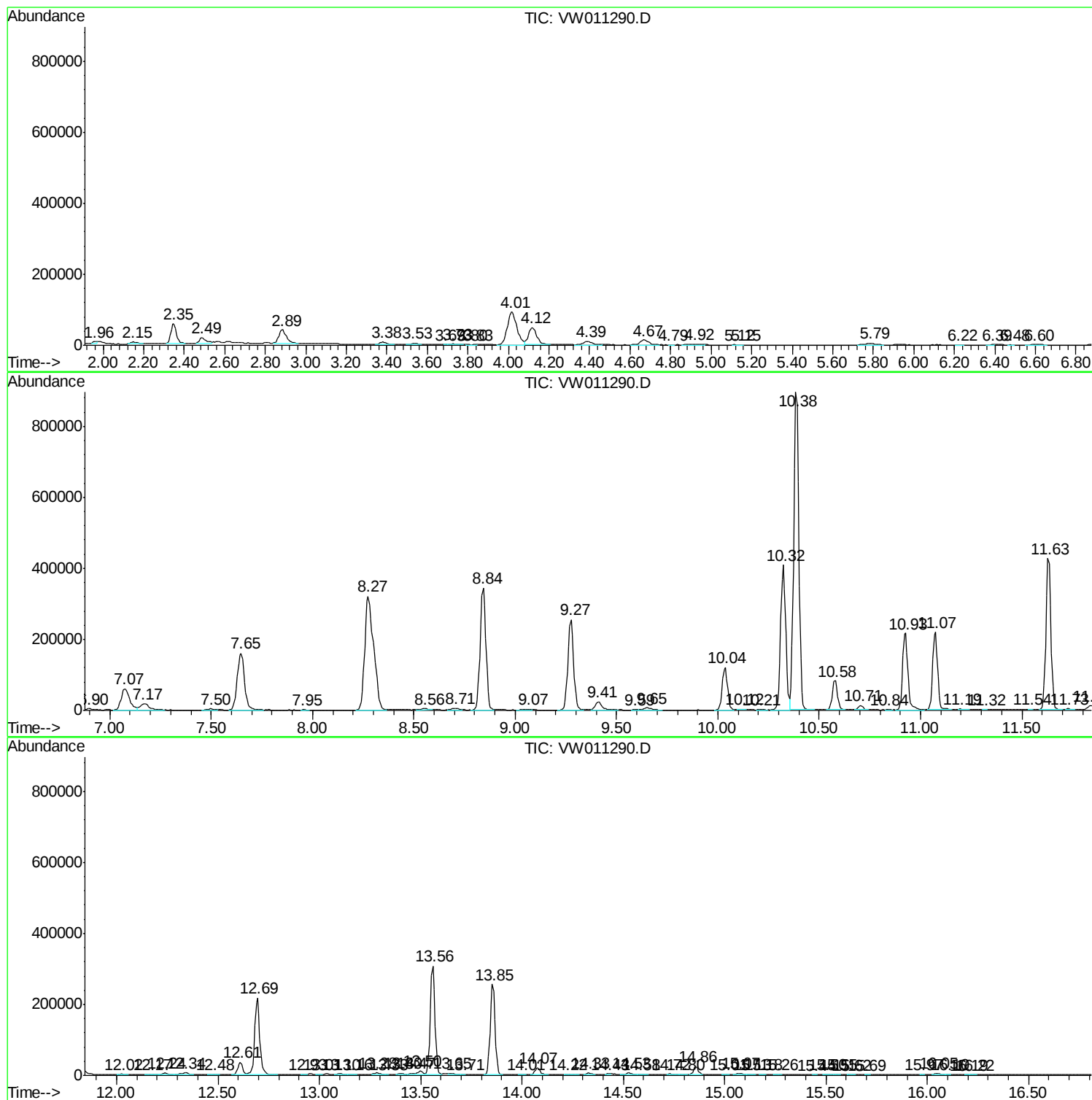
Sum of corrected areas: 9539651

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Instrument :
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ClientSampleId :
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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



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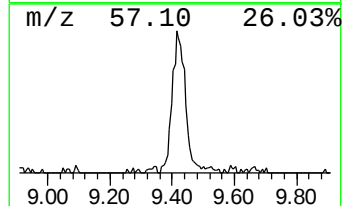
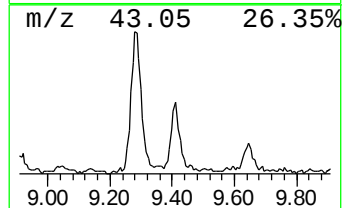
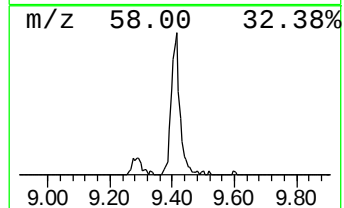
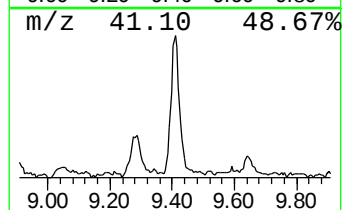
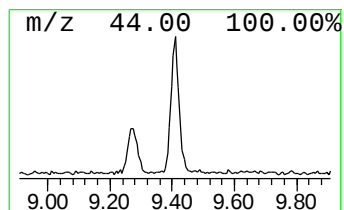
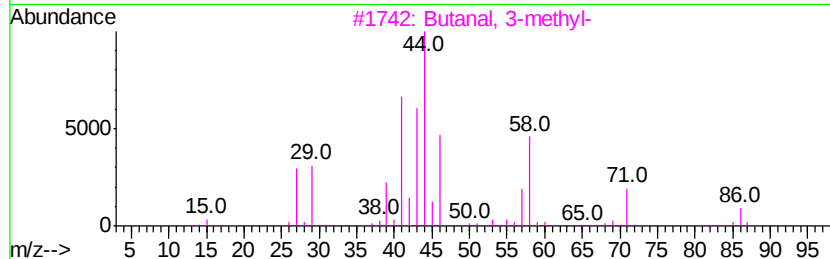
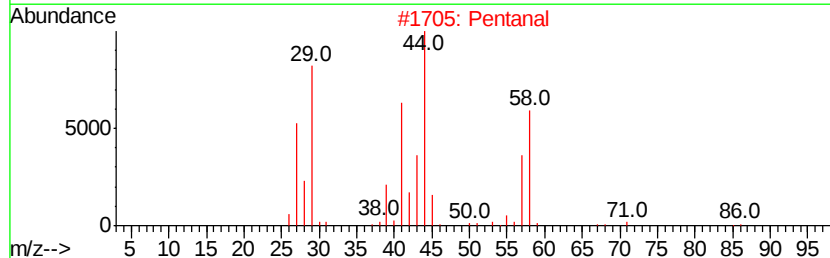
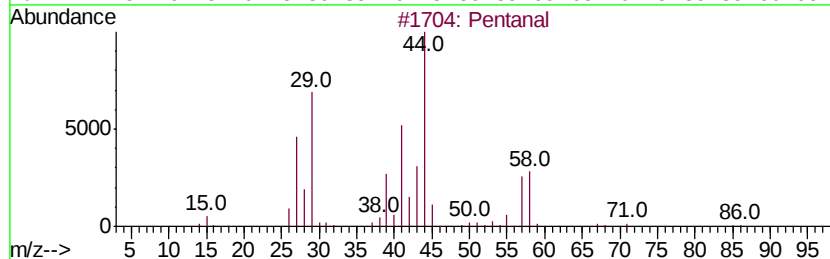
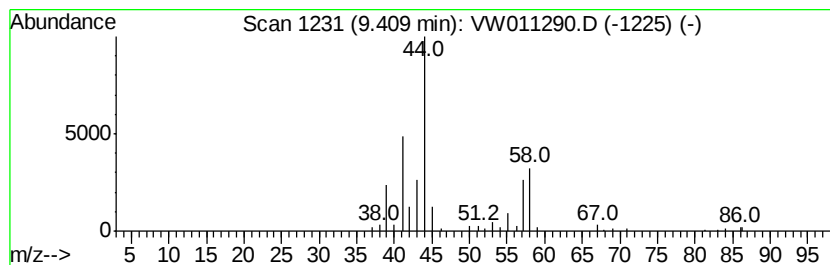
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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	1.91 ug/L	51975	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal			86	C5H10O	000110-62-3	78
2	Pentanal			86	C5H10O	000110-62-3	64
3	Butanal, 3-methyl-			86	C5H10O	000590-86-3	64
4	Cyclopropyl carbinol			72	C4H8O	002516-33-8	50
5	Pentanal			86	C5H10O	000110-62-3	43



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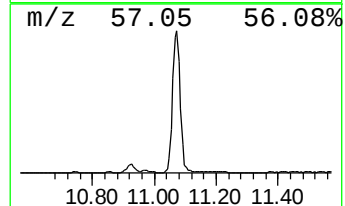
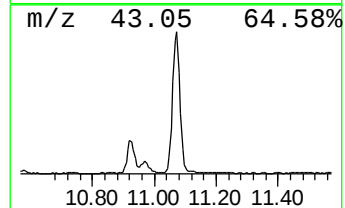
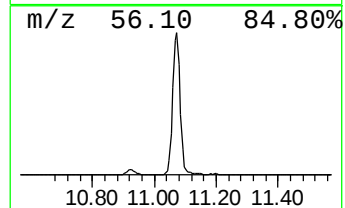
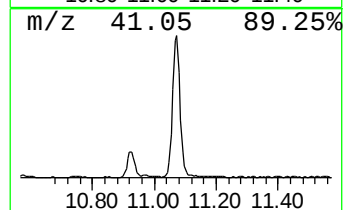
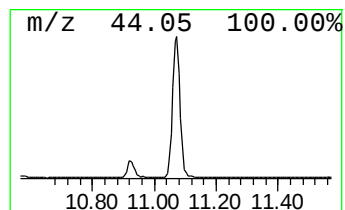
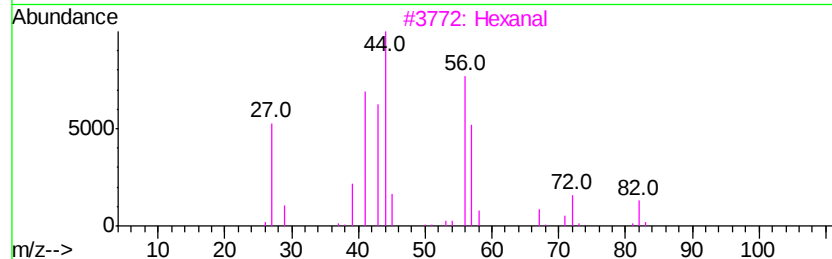
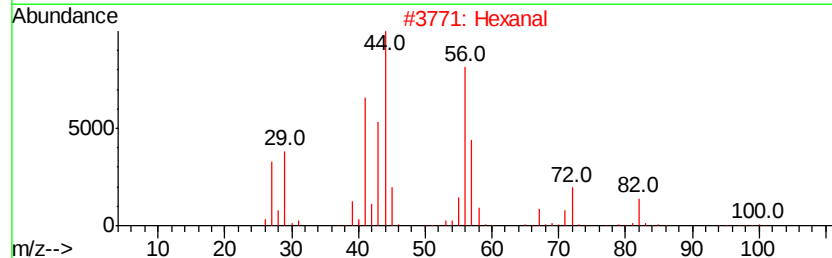
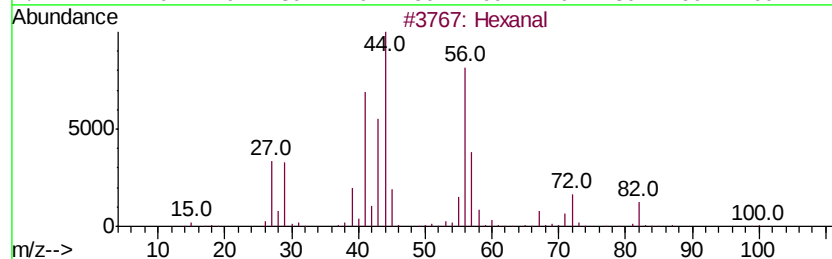
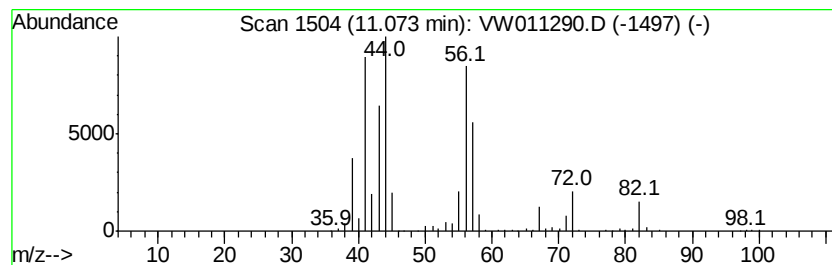
Instrument :
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Quant Title : VOC Analysis

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	12.54 ug/L	365301	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	90
4	Hexanal		100	C6H12O	000066-25-1	83
5	Butanal		72	C4H8O	000123-72-8	38



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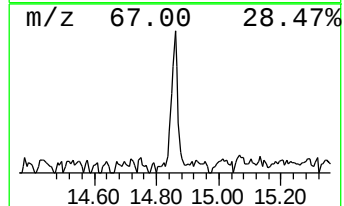
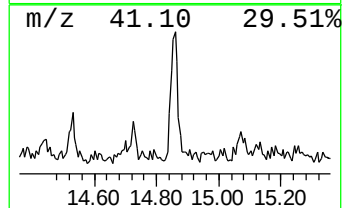
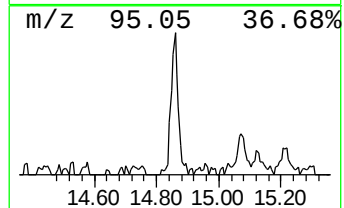
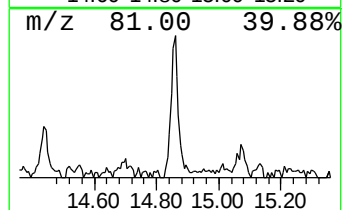
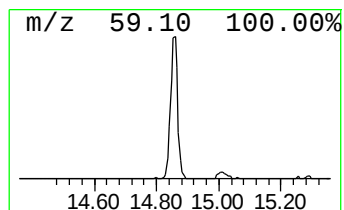
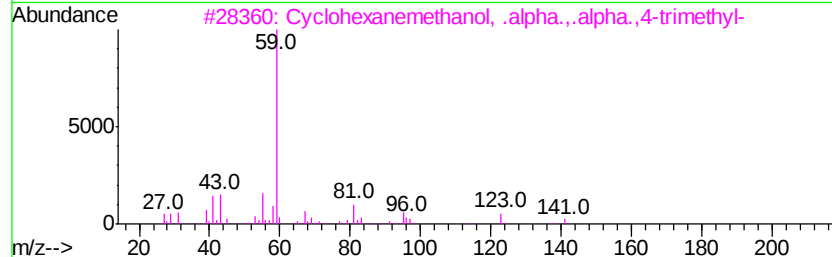
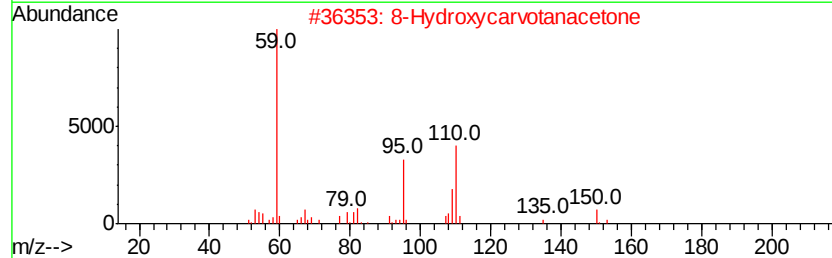
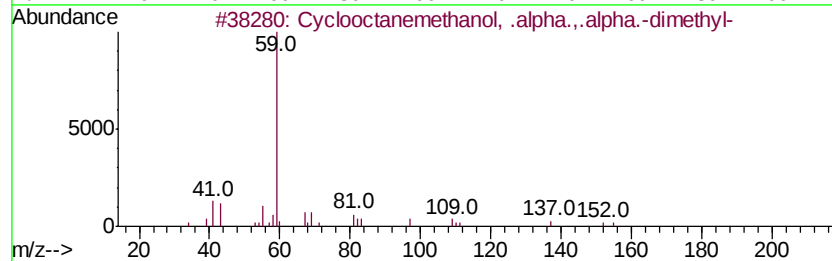
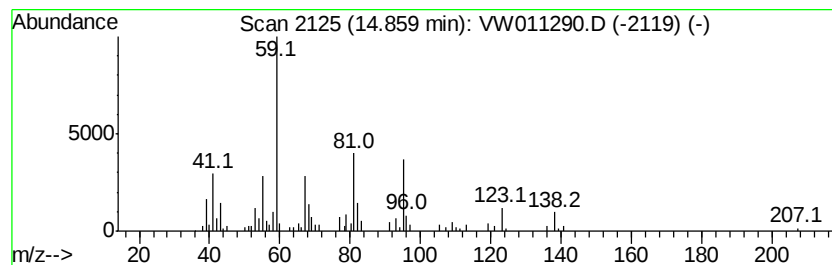
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Quant Title : VOC Analysis

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

Peak Number 6 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	1.85 ug/L	36057	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctanemethanol, .alpha.,.al...	170	C11H22O	016624-06-9	43
2		8-Hydroxycarvotanacetone	168	C10H16O2	007712-46-1	40
3		Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	40
4		2-Hydroxy-2-methylundec-5-en-3-one	198	C12H22O2	1000191-46-2	38
5		Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	37



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071619\
Data File : VW011290.D
Acq On : 16 Jul 2019 17:06
Operator : SY/VA
Sample : K3798-07RE
Misc : 5.30G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H4RE

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	1.9	ug/L	51975	1	8.84	680082	25.0
Hexanal	11.07	12.5	ug/L	365301	2	11.63	728030	25.0
unknown-01	14.86	1.9	ug/L	36057	3	13.56	486739	25.0