

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110920\
 Data File : VW017118.D
 Acq On : 09 Nov 2020 16:19
 Operator : SY/VA
 Sample : L4673-01
 Misc : 6.15G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0S2

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\SOM2WLM110420S.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	1.995	11	15	27	rVB	17523	38823	2.43%	0.286%
2	2.160	37	42	47	rBV3	2143	4649	0.29%	0.034%
3	2.361	68	75	85	rBV	128566	245830	15.37%	1.808%
4	2.501	93	98	107	rBV	18692	39407	2.46%	0.290%
5	2.776	141	143	146	rBV4	1089	765	0.05%	0.006%
6	2.898	155	163	178	rVB	87390	217722	13.62%	1.601%
7	3.397	236	245	253	rBV2	5393	13170	0.82%	0.097%
8	3.586	273	276	278	rBV2	403	444	0.03%	0.003%
9	3.605	278	279	284	rVB2	322	338	0.02%	0.002%
10	3.897	324	327	330	rBV3	396	477	0.03%	0.004%
11	4.025	334	348	361	rBV2	209487	652380	40.80%	4.798%
12	4.135	361	366	379	rVB2	13644	40373	2.53%	0.297%
13	4.391	398	408	416	rBV2	4205	12615	0.79%	0.093%
14	4.922	485	495	505	rBV3	5489	19657	1.23%	0.145%
15	5.421	574	577	580	rBV2	253	350	0.02%	0.003%
16	5.781	630	636	637	rBV	3447	4902	0.31%	0.036%
17	5.946	654	663	672	rVB5	4468	13437	0.84%	0.099%
18	6.104	684	689	690	rBV2	942	1132	0.07%	0.008%
19	6.269	714	716	719	rBV2	400	553	0.03%	0.004%
20	6.903	808	820	832	rBV3	20249	62446	3.91%	0.459%
21	6.994	834	835	838	rVV3	1029	971	0.06%	0.007%
22	7.086	841	850	870	rVV2	34985	121817	7.62%	0.896%
23	7.257	870	878	895	rVB	68471	177006	11.07%	1.302%
24	7.543	922	925	926	rBV	423	529	0.03%	0.004%
25	7.653	932	943	954	rBV	279218	680396	42.55%	5.004%
26	7.897	979	983	987	rBV3	379	679	0.04%	0.005%
27	7.958	987	993	999	rVB5	1313	3058	0.19%	0.022%
28	8.122	1018	1020	1023	rBV	316	337	0.02%	0.002%
29	8.281	1035	1046	1063	rBV2	562667	1598924	100.00%	11.760%
30	8.506	1080	1083	1084	rBV2	405	494	0.03%	0.004%
31	8.561	1084	1092	1099	rBV2	8903	20678	1.29%	0.152%
32	8.707	1108	1116	1125	rBV4	6933	17876	1.12%	0.131%
33	8.848	1129	1139	1151	rBV	604697	1214663	75.97%	8.934%
34	8.945	1154	1155	1160	rVB3	614	654	0.04%	0.005%

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35	9.049	1167	1172	1173	rBV2	2169	2299	0.14%	0.017%
36	9.281	1199	1210	1219	rBV	355666	717766	44.89%	5.279%
37	9.409	1225	1231	1245	rVB	42967	84238	5.27%	0.620%
38	9.512	1245	1248	1251	rVB4	320	480	0.03%	0.004%
39	9.555	1251	1255	1262	rVB4	592	857	0.05%	0.006%
40	9.665	1269	1273	1280	rVB5	913	1596	0.10%	0.012%
41	9.957	1317	1321	1323	rBV2	579	783	0.05%	0.006%
42	10.037	1326	1334	1344	rBV	195461	356084	22.27%	2.619%
43	10.201	1359	1361	1367	rBV2	233	377	0.02%	0.003%
44	10.329	1373	1382	1389	rBV	833691	1478311	92.46%	10.873%
45	10.390	1389	1392	1402	rVB	14240	26051	1.63%	0.192%
46	10.506	1406	1411	1416	rVB3	3318	5678	0.36%	0.042%
47	10.579	1416	1423	1430	rBV	122480	218991	13.70%	1.611%
48	10.707	1438	1444	1450	rVB2	13030	23294	1.46%	0.171%
49	10.860	1464	1469	1474	rBV3	1645	2468	0.15%	0.018%
50	10.927	1474	1480	1498	rBV	142540	244891	15.32%	1.801%
51	11.073	1498	1504	1515	rBV	224159	359955	22.51%	2.647%
52	11.201	1523	1525	1527	rBV3	381	464	0.03%	0.003%
53	11.414	1556	1560	1564	rBV4	1186	1614	0.10%	0.012%
54	11.518	1573	1577	1580	rVB3	337	480	0.03%	0.004%
55	11.573	1583	1586	1588	rBV3	635	749	0.05%	0.006%
56	11.634	1588	1596	1608	rBV	881308	1448134	90.57%	10.651%
57	11.841	1624	1630	1638	rVB3	4305	7438	0.47%	0.055%
58	11.951	1641	1648	1655	rBV4	7402	13757	0.86%	0.101%
59	12.097	1669	1672	1675	rVB3	720	820	0.05%	0.006%
60	12.146	1677	1680	1682	rBV3	538	660	0.04%	0.005%
61	12.164	1682	1683	1691	rVB5	1461	2006	0.13%	0.015%
62	12.237	1691	1695	1696	rBV2	806	914	0.06%	0.007%
63	12.256	1696	1698	1702	rVB4	1045	1272	0.08%	0.009%
64	12.341	1705	1712	1721	rBV	82579	134875	8.44%	0.992%
65	12.469	1729	1733	1735	rVB4	854	1042	0.07%	0.008%
66	12.512	1735	1740	1743	rBV3	871	1154	0.07%	0.008%
67	12.609	1746	1756	1761	rBV2	15244	27828	1.74%	0.205%
68	12.695	1763	1770	1777	rBV	275958	450637	28.18%	3.314%
69	12.762	1779	1781	1788	rVB6	1501	2045	0.13%	0.015%
70	12.877	1797	1800	1801	rBV2	308	349	0.02%	0.003%
71	12.938	1803	1810	1813	rBV3	8931	16364	1.02%	0.120%

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72	13.054	1824	1829	1833	rBV5	4432	7209	0.45%	0.053%
73	13.103	1833	1837	1842	rVB7	2478	4073	0.25%	0.030%
74	13.280	1856	1866	1876	rBV2	16405	35912	2.25%	0.264%
75	13.402	1879	1886	1891	rBV2	23790	39536	2.47%	0.291%
76	13.469	1894	1897	1899	rBV3	1336	1537	0.10%	0.011%
77	13.560	1905	1912	1923	rBV	867993	1374019	85.93%	10.106%
78	13.652	1924	1927	1931	rVV3	3914	5308	0.33%	0.039%
79	13.713	1934	1937	1941	rVB3	1037	1484	0.09%	0.011%
80	13.761	1943	1945	1948	rBV3	647	653	0.04%	0.005%
81	13.853	1953	1960	1973	rVV	710731	1183294	74.01%	8.703%
82	13.938	1973	1974	1980	rVB3	1287	1022	0.06%	0.008%
83	13.987	1980	1982	1983	rBV2	596	582	0.04%	0.004%
84	14.024	1984	1988	1991	rVV2	4057	5723	0.36%	0.042%
85	14.078	1991	1997	2006	rVB4	15454	28682	1.79%	0.211%
86	14.200	2012	2017	2019	rBV4	1273	2572	0.16%	0.019%
87	14.328	2032	2038	2044	rBV2	15668	26093	1.63%	0.192%
88	14.487	2060	2064	2066	rBV4	639	982	0.06%	0.007%
89	14.627	2083	2087	2093	rVV5	2992	5509	0.34%	0.041%
90	14.889	2126	2130	2135	rBV6	2387	3853	0.24%	0.028%
91	14.956	2135	2141	2147	rVV6	4919	9294	0.58%	0.068%
92	15.060	2156	2158	2160	rBV3	738	452	0.03%	0.003%
93	15.133	2169	2170	2174	rBV3	527	711	0.04%	0.005%
94	15.182	2174	2178	2186	rVV7	4595	8980	0.56%	0.066%
95	15.249	2187	2189	2192	rVB3	748	538	0.03%	0.004%
96	15.395	2211	2213	2215	rBV3	631	594	0.04%	0.004%
97	15.743	2268	2270	2271	rBV2	445	365	0.02%	0.003%
98	15.767	2272	2274	2276	rVB3	1108	926	0.06%	0.007%
99	15.865	2285	2290	2292	rVB5	879	1350	0.08%	0.010%
100	16.298	2359	2361	2365	rBV4	594	852	0.05%	0.006%

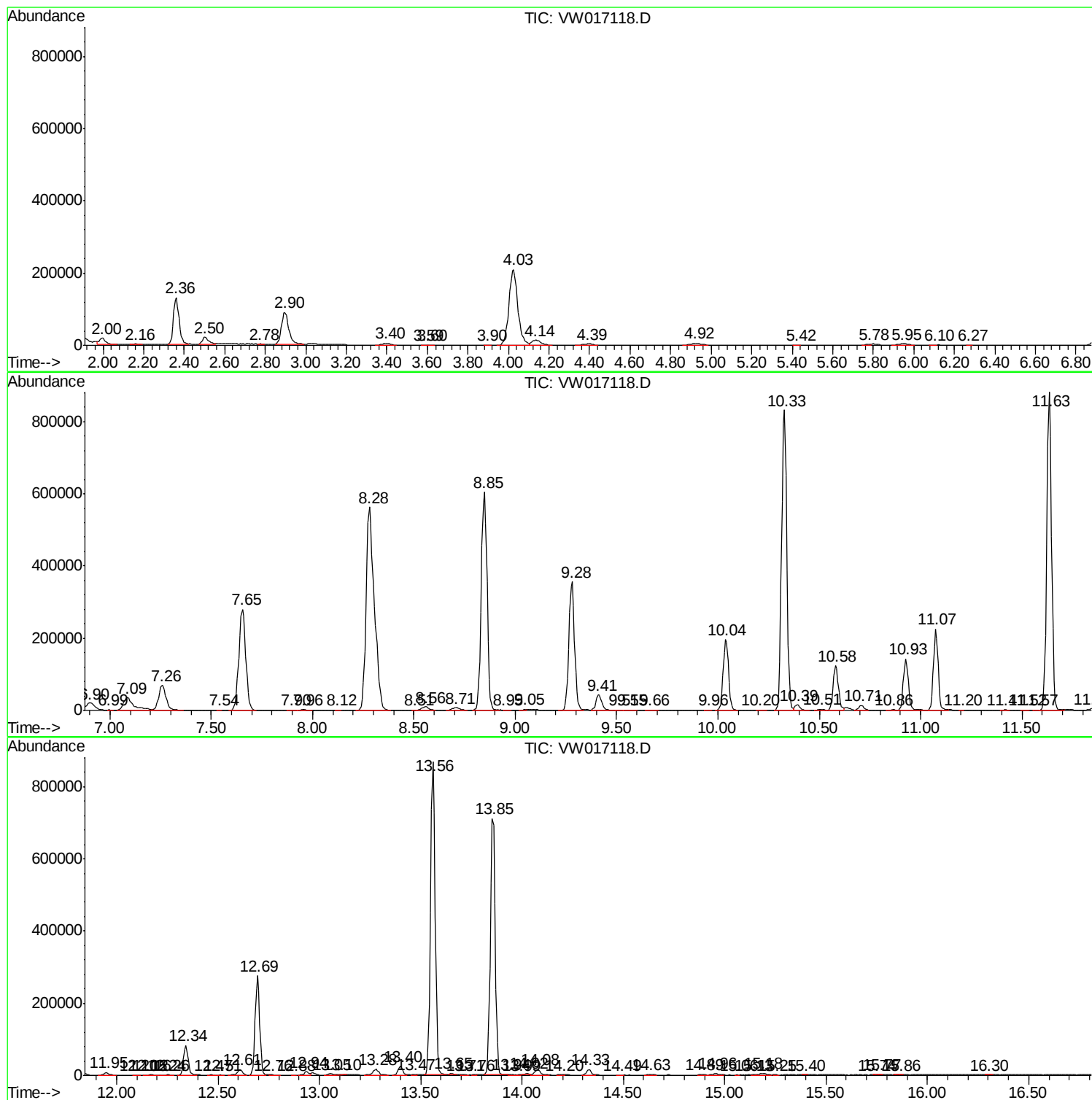
Sum of corrected areas: 13596378

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



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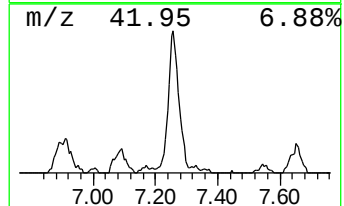
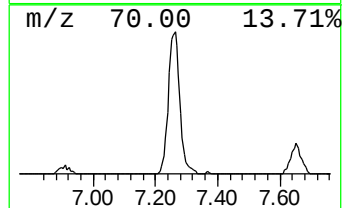
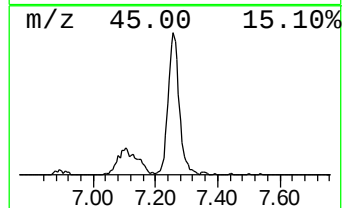
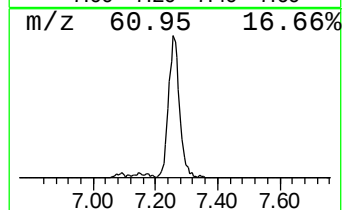
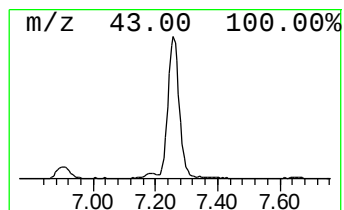
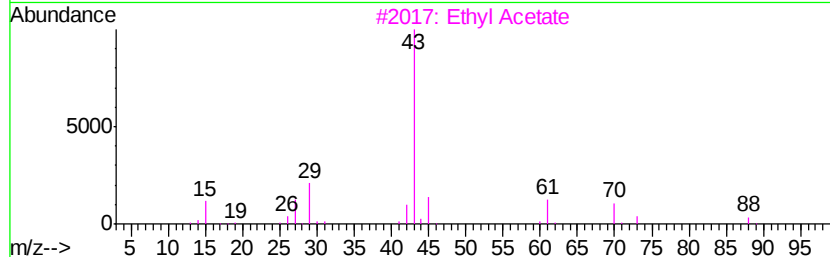
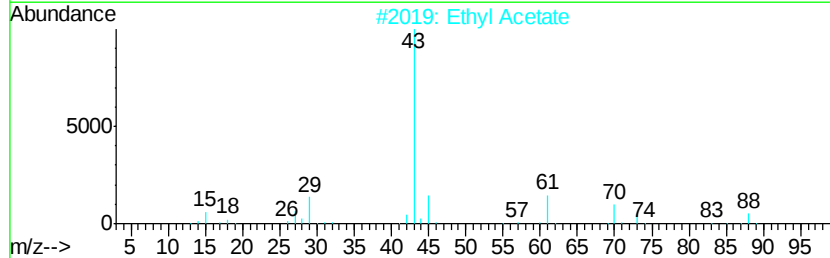
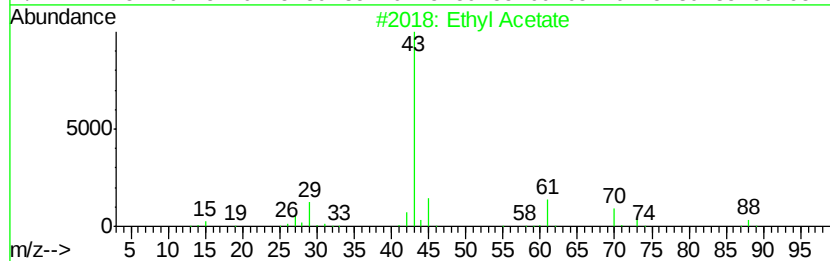
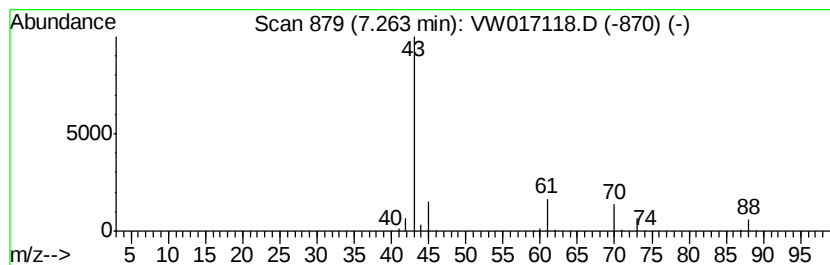
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 2 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	3.64 ug/L	177006	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl Acetate	88	C4H8O2	000141-78-6	90
2			Ethyl Acetate	88	C4H8O2	000141-78-6	90
3			Ethyl Acetate	88	C4H8O2	000141-78-6	90
4			Ethyl Acetate	88	C4H8O2	000141-78-6	86
5			CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	33



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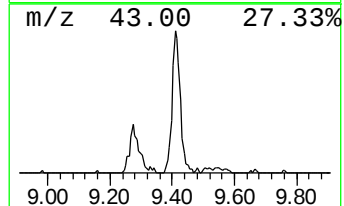
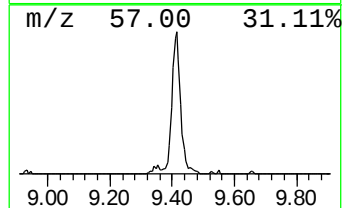
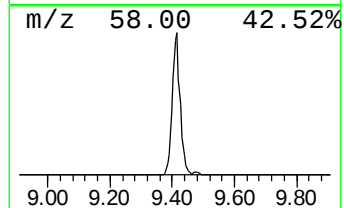
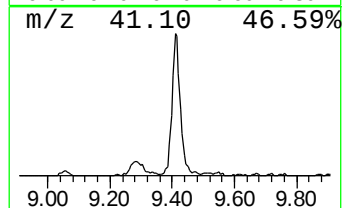
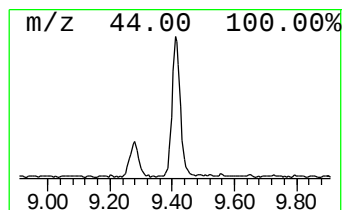
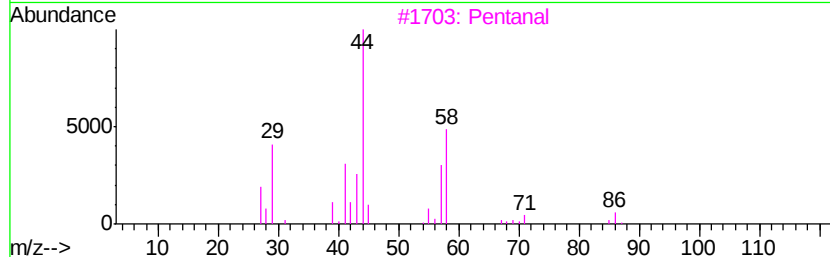
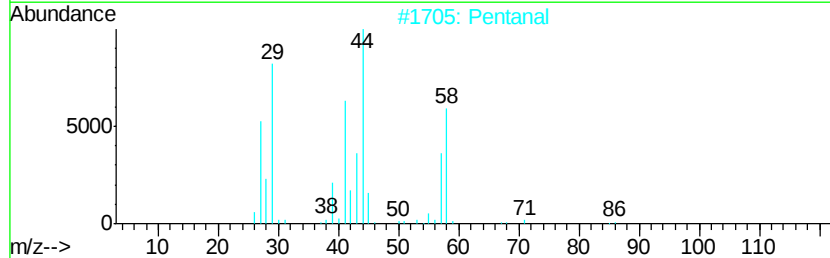
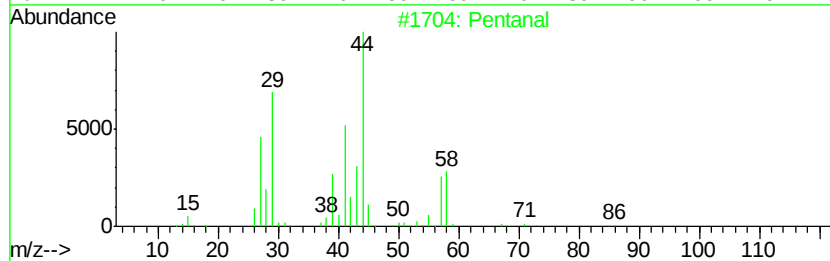
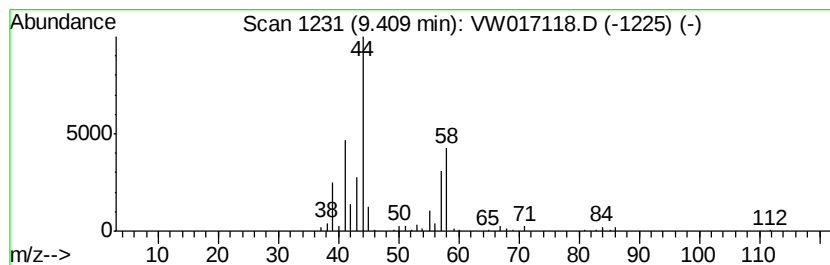
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	1.73 ug/L	84238	1,4-Difluorobenzene	8.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal		86	C5H10O	000110-62-3	72
2	Pentanal		86	C5H10O	000110-62-3	64
3	Pentanal		86	C5H10O	000110-62-3	64
4	Butanal, 3-methyl-		86	C5H10O	000590-86-3	42
5	Cyclopropyl carbinol		72	C4H8O	002516-33-8	40



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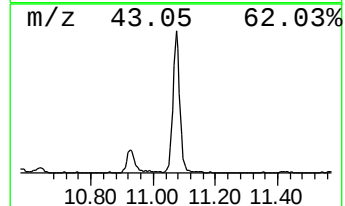
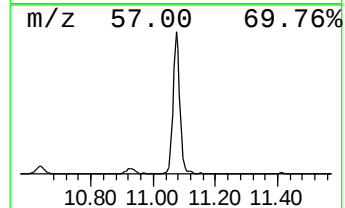
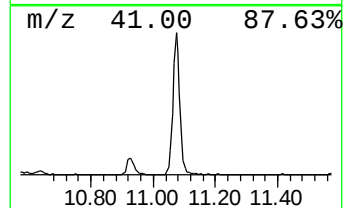
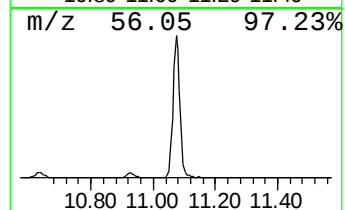
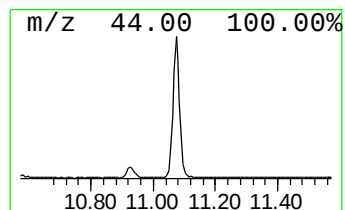
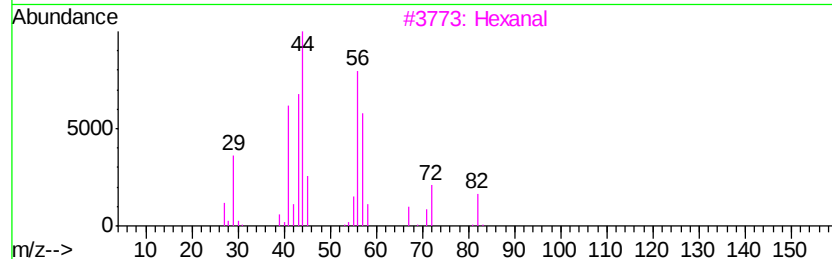
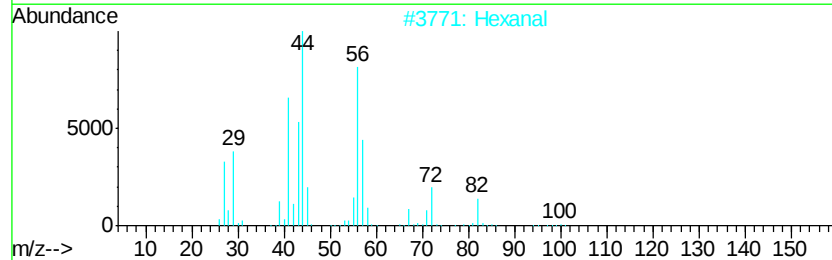
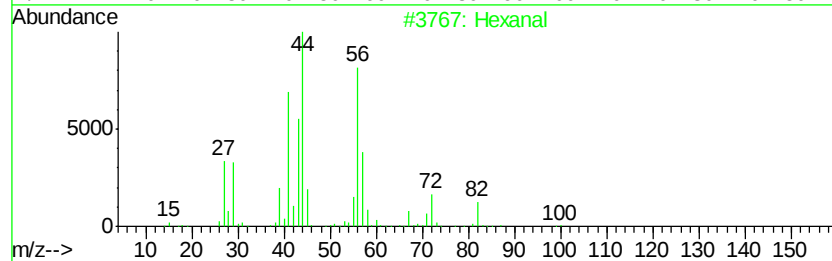
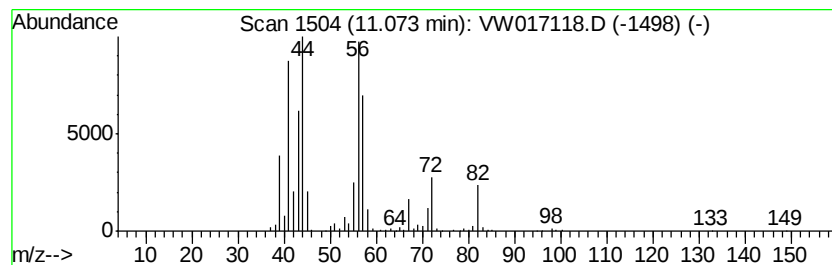
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Peak Number 5 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	6.21 ug/L	359955	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	74
2	Hexanal		100	C6H12O	000066-25-1	72
3	Hexanal		100	C6H12O	000066-25-1	64
4	Hexanal		100	C6H12O	000066-25-1	53
5	Cyclopentanol, 2-methyl-, trans-		100	C6H12O	025144-04-1	35



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Data File : VW017118.D
Acq On : 09 Nov 2020 16:19
Operator : SY/VA
Sample : L4673-01
Misc : 6.15G/10ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB0S2

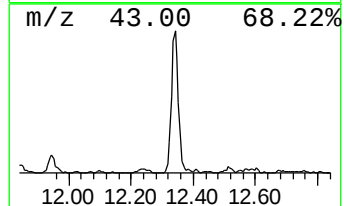
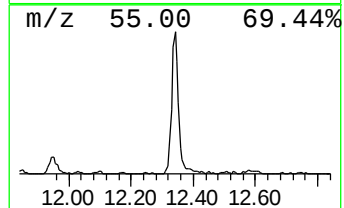
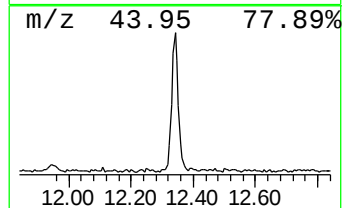
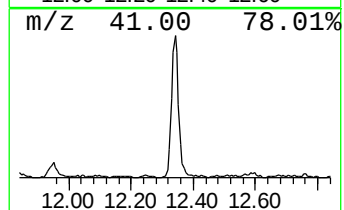
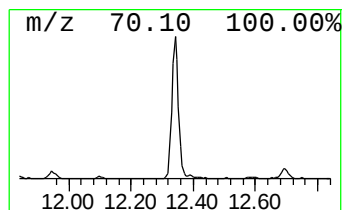
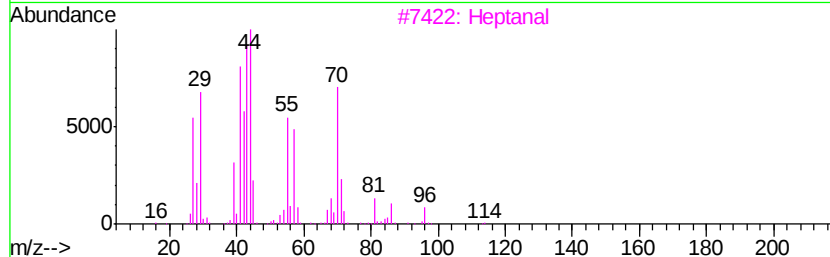
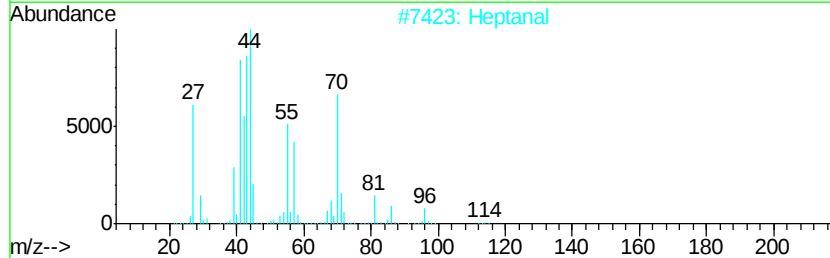
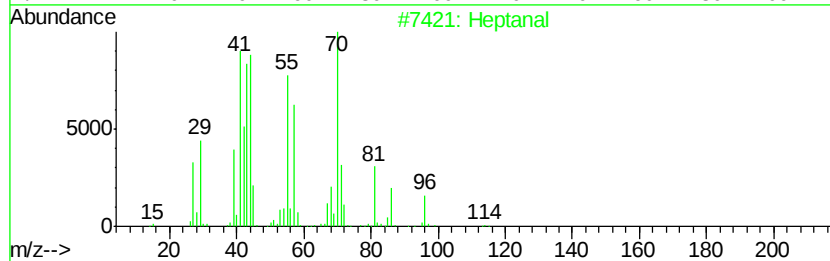
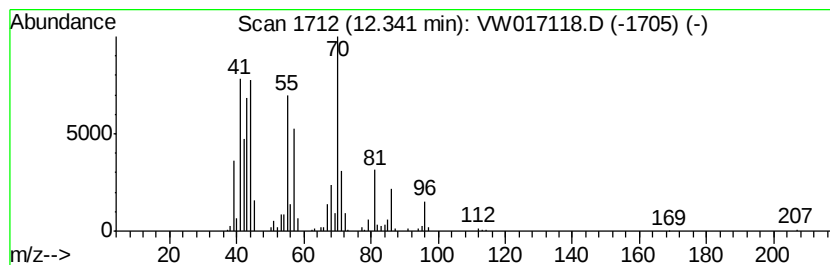
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Quant Title : VOC Analysis

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

Peak Number 6 Heptanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	2.33 ug/L	134875	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptanal	114	C7H14O	000111-71-7	96
2		Heptanal	114	C7H14O	000111-71-7	95
3		Heptanal	114	C7H14O	000111-71-7	95
4		Heptanal	114	C7H14O	000111-71-7	55
5		Heptanal	114	C7H14O	000111-71-7	53



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110920\
Data File : VW017118.D
Acq On : 09 Nov 2020 16:19
Operator : SY/VA
Sample : L4673-01
Misc : 6.15G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB0S2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.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
Ethyl Acetate	7.26	3.6	ug/L	177006	1	8.85	1214660	25.0
Pentanal	9.41	1.7	ug/L	84238	1	8.85	1214660	25.0
Hexanal	11.07	6.2	ug/L	359955	2	11.63	1448130	25.0
Heptanal	12.34	2.3	ug/L	134875	2	11.63	1448130	25.0