

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW082418\
 Data File : VW004956.D
 Acq On : 25 Aug 2018 00:24
 Operator : SY/AP
 Sample : J4634-10
 Misc : 4.77G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3K3

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\SOM2WLM082218S.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	1.794	28	34	53	rVB	2616699	4367104	100.00%	17.332%
2	2.355	120	126	139	rVB	260437	437222	10.01%	1.735%
3	2.892	207	214	225	rVB	197940	395124	9.05%	1.568%
4	3.276	273	277	284	rVB4	3542	7247	0.17%	0.029%
5	3.392	292	296	299	rVB5	779	1169	0.03%	0.005%
6	3.575	323	326	327	rBV	642	576	0.01%	0.002%
7	3.599	327	330	334	rVV6	927	1726	0.04%	0.007%
8	3.873	369	375	382	rVB3	2861	6616	0.15%	0.026%
9	3.940	384	386	389	rBV3	657	780	0.02%	0.003%
10	4.026	389	400	412	rVV	269718	712577	16.32%	2.828%
11	4.154	415	421	431	rVB9	3760	11830	0.27%	0.047%
12	4.227	431	433	436	rBV2	654	592	0.01%	0.002%
13	4.526	479	482	487	rVV4	670	853	0.02%	0.003%
14	4.641	499	501	505	rVV3	808	913	0.02%	0.004%
15	4.696	509	510	514	rVV2	1077	1019	0.02%	0.004%
16	4.800	524	527	529	rBV3	623	675	0.02%	0.003%
17	4.928	535	548	561	rBV2	27003	90162	2.06%	0.358%
18	5.123	576	580	581	rBV2	768	695	0.02%	0.003%
19	5.245	597	600	605	rVB5	511	684	0.02%	0.003%
20	5.562	651	652	655	rVB2	675	590	0.01%	0.002%
21	5.922	709	711	713	rBV2	736	763	0.02%	0.003%
22	5.958	713	717	718	rBV4	1402	1631	0.04%	0.006%
23	6.111	740	742	745	rBV3	426	606	0.01%	0.002%
24	6.147	747	748	753	rVB4	863	892	0.02%	0.004%
25	6.245	760	764	765	rBV3	540	576	0.01%	0.002%
26	6.391	785	788	794	rVB2	702	984	0.02%	0.004%
27	6.440	794	796	799	rBV3	553	754	0.02%	0.003%
28	6.678	832	835	837	rBV2	527	784	0.02%	0.003%
29	7.092	894	903	909	rBV	65608	192121	4.40%	0.762%
30	7.336	940	943	946	rVB4	780	878	0.02%	0.003%
31	7.659	985	996	1010	rBV	332411	844933	19.35%	3.353%
32	7.793	1017	1018	1023	rVB2	603	772	0.02%	0.003%
33	8.037	1055	1058	1061	rBV3	581	652	0.01%	0.003%
34	8.287	1088	1099	1114	rBV2	739139	2184113	50.01%	8.668%

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 Title : VOC Analysis

35	8.458	1125	1127	1131	rVB2	1091	1112	0.03%	0.004%
36	8.598	1146	1150	1153	rVB4	428	682	0.02%	0.003%
37	8.635	1153	1156	1159	rBV3	904	1268	0.03%	0.005%
38	8.750	1173	1175	1180	rVB2	417	578	0.01%	0.002%
39	8.848	1182	1191	1211	rBV	674071	1381917	31.64%	5.484%
40	9.086	1220	1230	1240	rBV10	6949	21739	0.50%	0.086%
41	9.281	1253	1262	1273	rBV	476130	967549	22.16%	3.840%
42	9.512	1294	1300	1305	rVB5	1682	3683	0.08%	0.015%
43	9.665	1320	1325	1329	rBV6	1264	2123	0.05%	0.008%
44	9.720	1331	1334	1336	rVB	585	630	0.01%	0.003%
45	9.756	1336	1340	1342	rBV3	1266	2198	0.05%	0.009%
46	9.903	1362	1364	1366	rVB3	689	619	0.01%	0.002%
47	9.958	1371	1373	1377	rVB3	492	571	0.01%	0.002%
48	10.043	1377	1387	1397	rBV	233276	439471	10.06%	1.744%
49	10.195	1410	1412	1415	rBV4	452	671	0.02%	0.003%
50	10.244	1418	1420	1425	rVB4	772	760	0.02%	0.003%
51	10.329	1425	1434	1443	rBV	1230272	2191375	50.18%	8.697%
52	10.506	1461	1463	1464	rBV2	771	588	0.01%	0.002%
53	10.585	1468	1476	1487	rVB	168799	300702	6.89%	1.193%
54	10.756	1491	1504	1515	rBV2	80377	317834	7.28%	1.261%
55	10.848	1517	1519	1520	rBV2	712	626	0.01%	0.002%
56	10.933	1526	1533	1550	rBV	334077	592020	13.56%	2.350%
57	11.073	1550	1556	1565	rVB2	28474	52401	1.20%	0.208%
58	11.299	1591	1593	1597	rBV5	594	763	0.02%	0.003%
59	11.482	1620	1623	1625	rBV3	552	634	0.01%	0.003%
60	11.634	1638	1648	1659	rBV	1150574	2017670	46.20%	8.008%
61	11.841	1677	1682	1684	rBV5	1688	2548	0.06%	0.010%
62	11.939	1696	1698	1702	rBV3	933	848	0.02%	0.003%
63	11.988	1702	1706	1708	rVV4	946	1208	0.03%	0.005%
64	12.091	1719	1723	1728	rVB6	2362	4369	0.10%	0.017%
65	12.171	1731	1736	1737	rBV4	1699	2787	0.06%	0.011%
66	12.201	1737	1741	1745	rVB	8583	12698	0.29%	0.050%
67	12.341	1760	1764	1768	rBV6	2767	3957	0.09%	0.016%
68	12.457	1776	1783	1793	rBV	101780	195060	4.47%	0.774%
69	12.567	1795	1801	1805	rVV	23972	47981	1.10%	0.190%
70	12.622	1805	1810	1816	rVV	47125	84255	1.93%	0.334%
71	12.701	1816	1823	1829	rVV	471440	802710	18.38%	3.186%

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72	12.762	1829	1833	1843	rVB7	5327	10567	0.24%	0.042%
73	12.847	1843	1847	1850	rBV3	2407	3078	0.07%	0.012%
74	12.896	1852	1855	1859	rBV4	3234	4437	0.10%	0.018%
75	12.975	1864	1868	1872	rVV4	9558	16085	0.37%	0.064%
76	13.018	1872	1875	1879	rVB2	4252	5798	0.13%	0.023%
77	13.091	1884	1887	1888	rBV2	1972	1911	0.04%	0.008%
78	13.201	1902	1905	1907	rBV3	1809	1626	0.04%	0.006%
79	13.329	1921	1926	1933	rVB3	22195	40872	0.94%	0.162%
80	13.402	1934	1938	1944	rVB6	9562	18495	0.42%	0.073%
81	13.463	1944	1948	1950	rBV5	3113	4725	0.11%	0.019%
82	13.567	1957	1965	1973	rBV	1274708	2009900	46.02%	7.977%
83	13.658	1973	1980	1986	rVV	521119	829103	18.99%	3.290%
84	13.719	1986	1990	2000	rVB3	33293	82133	1.88%	0.326%
85	13.859	2006	2013	2027	rVB	1355921	2199807	50.37%	8.730%
86	14.030	2036	2041	2045	rBV4	15368	26908	0.62%	0.107%
87	14.085	2045	2050	2057	rVB2	71664	120302	2.75%	0.477%
88	14.158	2057	2062	2067	rBV9	4913	8247	0.19%	0.033%
89	14.231	2069	2074	2078	rBV3	12186	18513	0.42%	0.073%
90	14.304	2079	2086	2089	rBV	49699	84172	1.93%	0.334%
91	14.536	2117	2124	2136	rBV	321391	516552	11.83%	2.050%
92	14.701	2143	2151	2157	rBV4	38719	119864	2.74%	0.476%
93	14.804	2164	2168	2172	rBV2	18128	27079	0.62%	0.107%
94	15.164	2223	2227	2230	rBV2	15582	27399	0.63%	0.109%
95	15.219	2232	2236	2239	rVV	49320	73866	1.69%	0.293%
96	15.261	2239	2243	2248	rVB	43352	68854	1.58%	0.273%
97	15.414	2264	2268	2274	rVB4	20594	40674	0.93%	0.161%
98	15.511	2280	2284	2291	rVB2	26781	50340	1.15%	0.200%
99	16.109	2377	2382	2393	rVB6	20386	52838	1.21%	0.210%
100	16.304	2411	2414	2419	rVB7	3664	5766	0.13%	0.023%

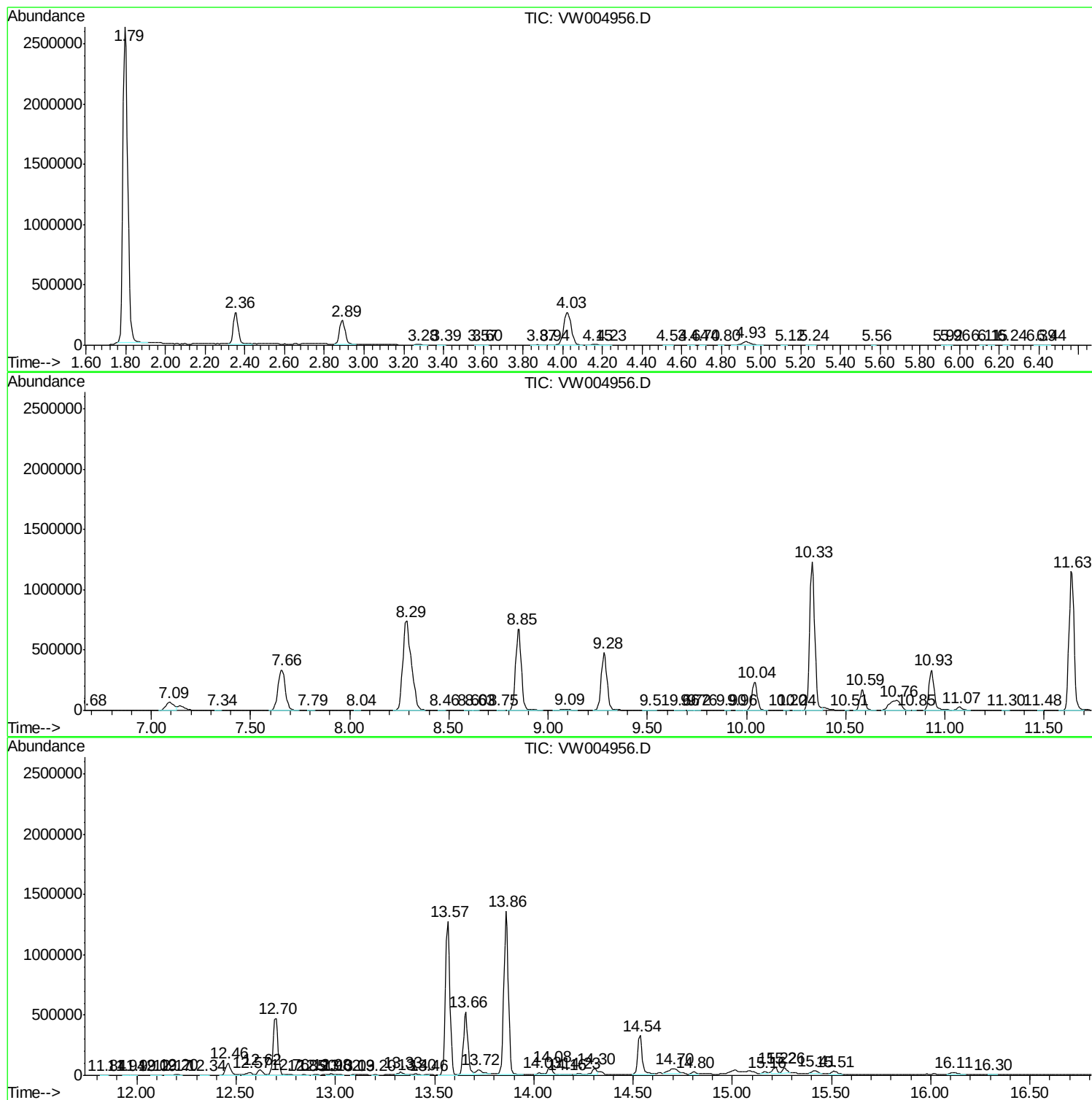
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis

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



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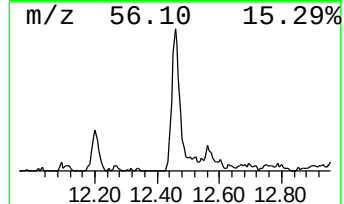
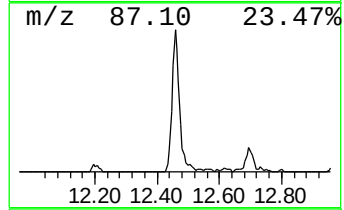
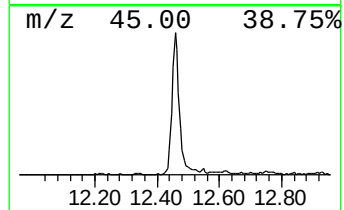
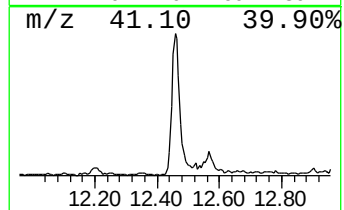
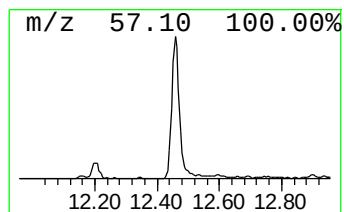
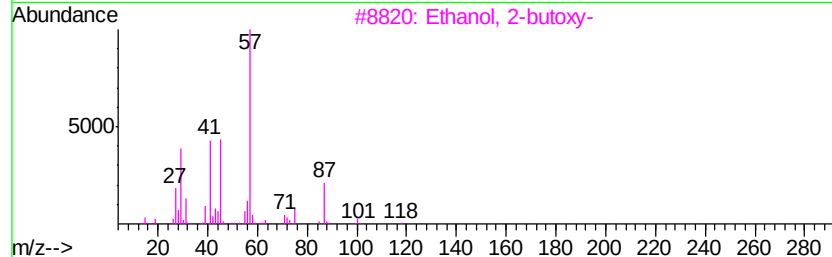
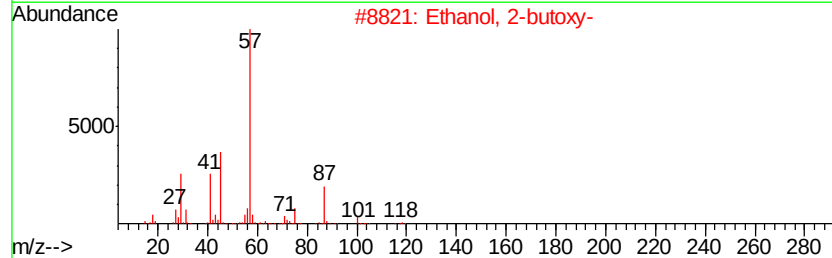
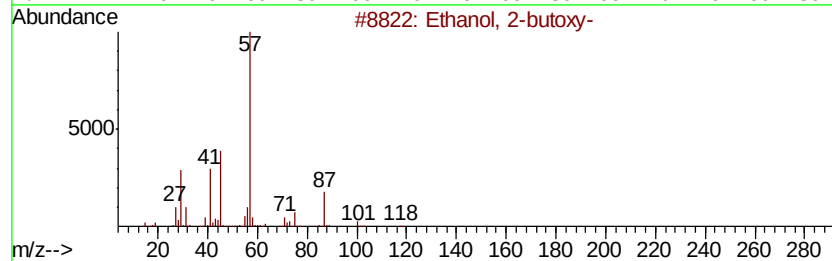
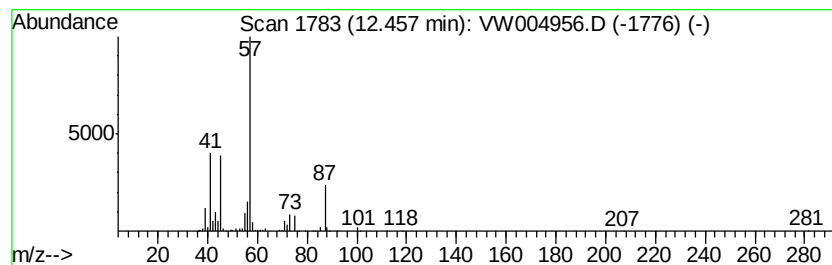
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis

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

Peak Number 5 Ethanol, 2-butoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.42 ug/L	195060	Chlorobenzene-d5	11.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	72
2		Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	64
3		Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	64
4		Formic acid, 3,3-dimethylbut-2-y...	130	C7H14O2	1000368-20-5	59
5		2-Pentanol, 4,4-dimethyl-	116	C7H16O	006144-93-0	50



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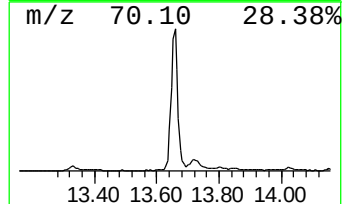
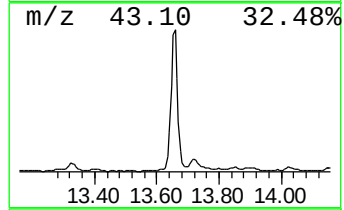
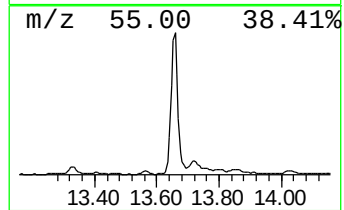
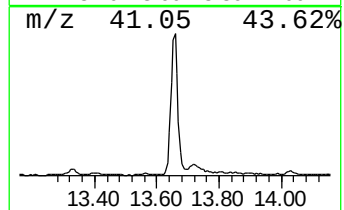
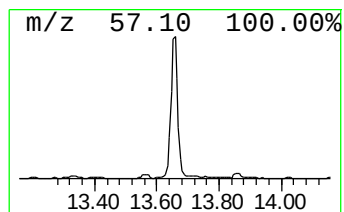
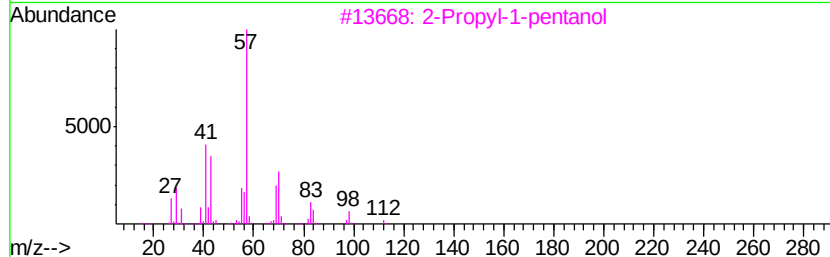
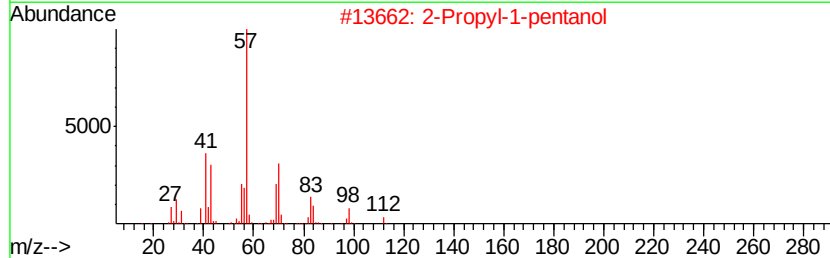
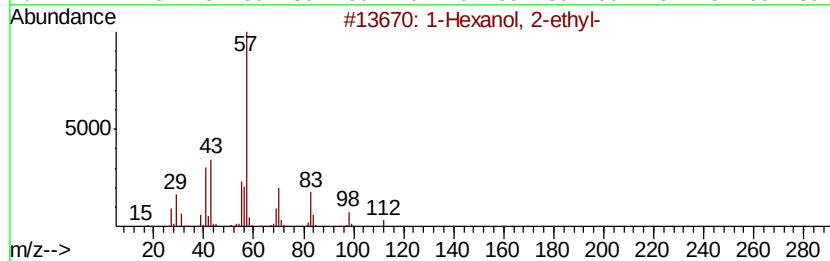
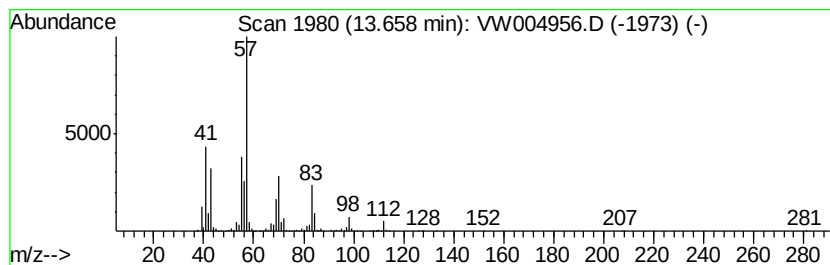
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Quant Title : VOC Analysis

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

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	10.31 ug/L	829103	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
2		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	58
3		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
4		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
5		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50



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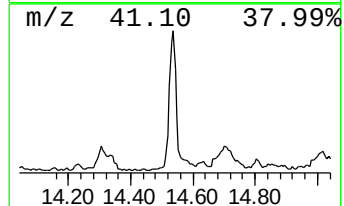
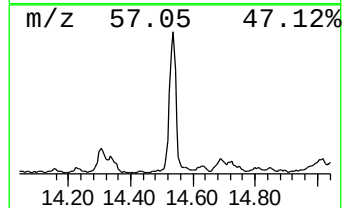
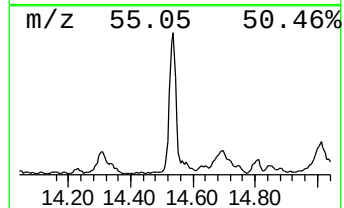
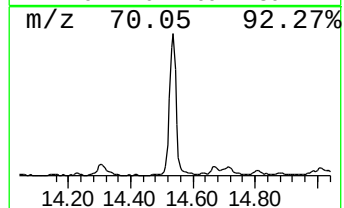
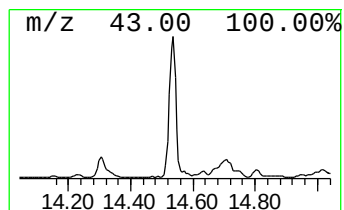
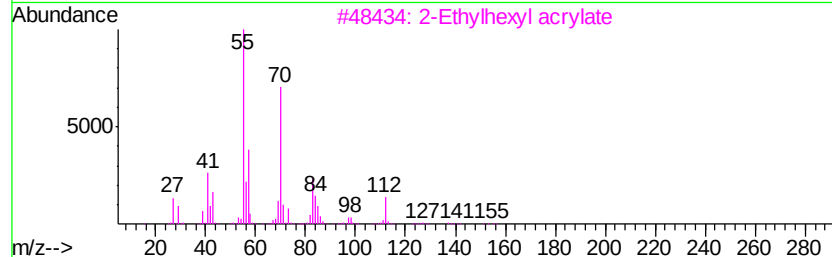
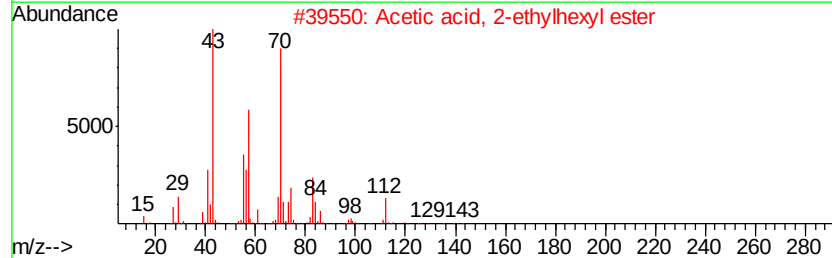
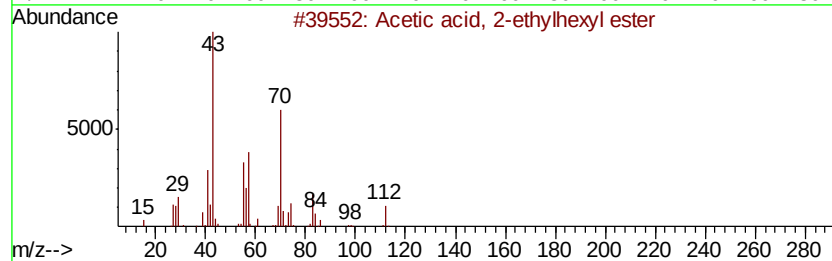
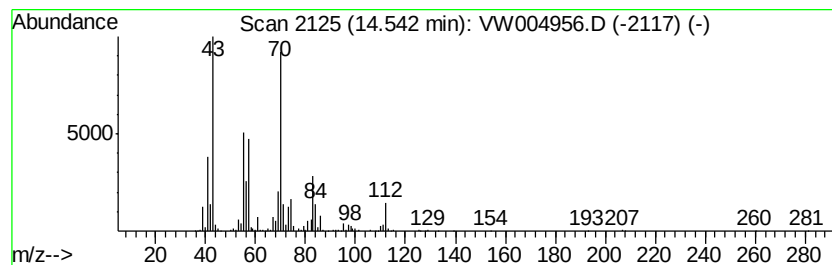
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Peak Number 8 Acetic acid, 2-ethylhexyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.54	6.43 ug/L	516552	1,4-Dichlorobenzene-d4	13.57		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	91	
2	Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	91	
3	2-Ethylhexyl acrylate	184	C11H20O2	000103-11-7	86	
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	76	
5	2-Propenoic acid, 6-methylheptyl...	184	C11H20O2	054774-91-3	72	



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW082418\
Data File : VW004956.D
Acq On : 25 Aug 2018 00:24
Operator : SY/AP
Sample : J4634-10
Misc : 4.77G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB3K3

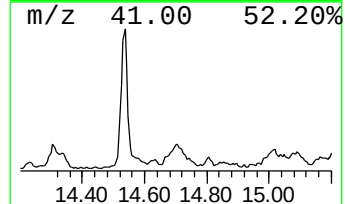
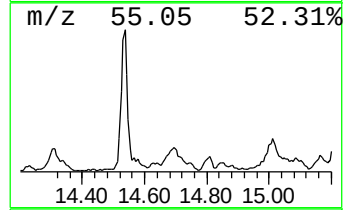
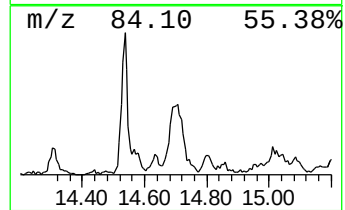
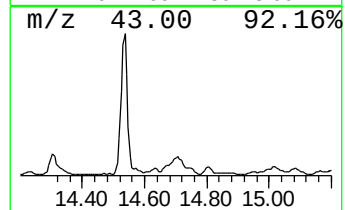
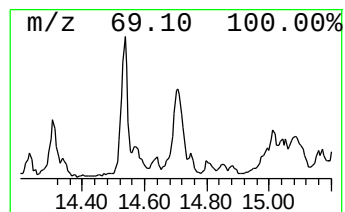
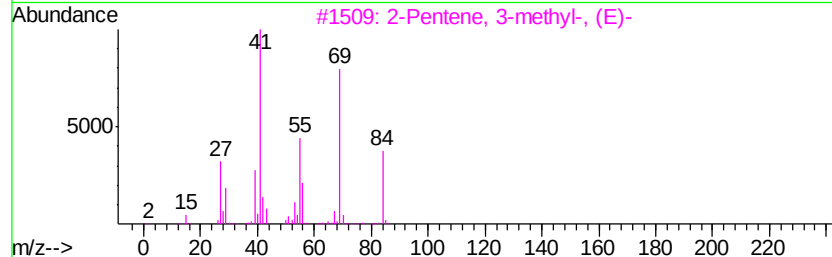
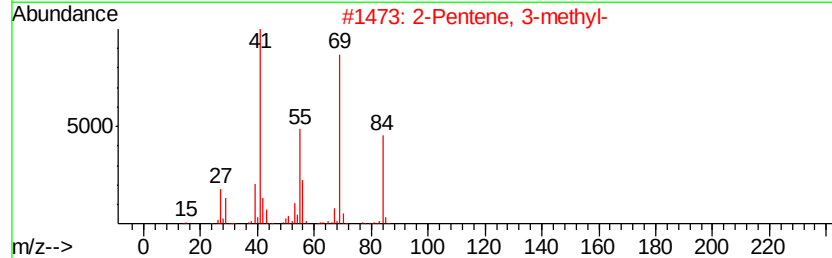
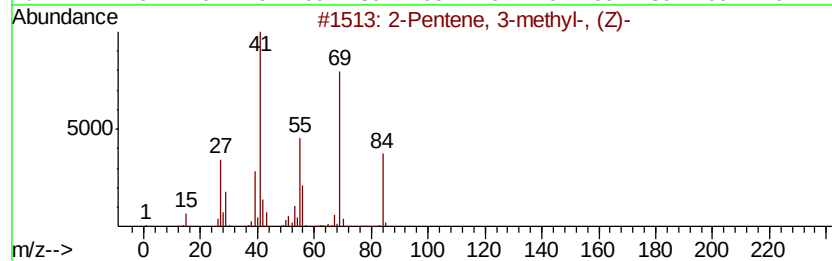
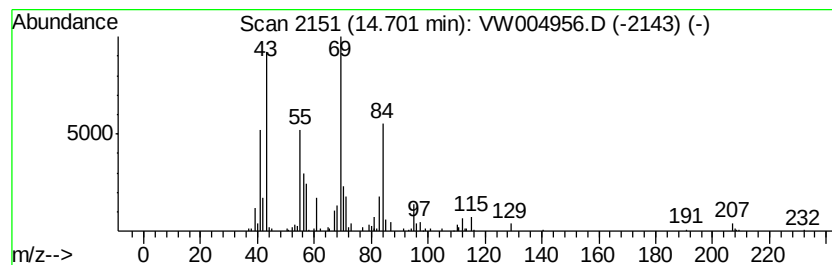
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Cyclic14.70 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	1.49 ug/L	119864	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	58
2		2-Pentene, 3-methyl-	84	C6H12	000922-61-2	58
3		2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	58
4		2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	58
5		2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082418\
Data File : VW004956.D
Acq On : 25 Aug 2018 00:24
Operator : SY/AP
Sample : J4634-10
Misc : 4.77G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB3K3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.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
Ethanol, 2-butoxy-	12.46	2.4	ug/L	195060	2	11.64	2017670	25.0
1-Hexanol, 2-ethyl-	13.66	10.3	ug/L	829103	3	13.57	2009900	25.0
Acetic acid, 2-et...	14.54	6.4	ug/L	516552	3	13.57	2009900	25.0
(DEL) Alkane: Cyc...	14.70	1.5	ug/L	119864	3	13.57	2009900	25.0