

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091518\
 Data File : VW005395.D
 Acq On : 14 Sep 2018 18:37
 Operator : SY/AP
 Sample : J4865-22
 Misc : 3.58G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3Q1

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\SOM2WLM091318S.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	2.160	38	42	49	rVB2	7274	10986	1.14%	0.143%
2	2.349	68	73	83	rVB	75497	120298	12.45%	1.567%
3	2.885	155	161	172	rVB	57090	111238	11.51%	1.449%
4	3.269	219	224	225	rBV2	1254	1716	0.18%	0.022%
5	3.385	240	243	250	rVB4	618	1265	0.13%	0.016%
6	3.867	316	322	330	rVB4	1177	2798	0.29%	0.036%
7	4.019	335	347	362	rBV	99863	262729	27.18%	3.423%
8	4.166	365	371	378	rVV5	1987	5351	0.55%	0.070%
9	4.257	385	386	389	rVB3	505	428	0.04%	0.006%
10	4.288	389	391	394	rVB2	423	395	0.04%	0.005%
11	4.373	404	405	408	rBV2	351	403	0.04%	0.005%
12	4.464	414	420	422	rBV3	866	1147	0.12%	0.015%
13	4.507	425	427	428	rVB2	533	379	0.04%	0.005%
14	4.928	485	496	507	rBV4	16995	54706	5.66%	0.713%
15	5.123	522	528	530	rBV4	566	942	0.10%	0.012%
16	5.361	563	567	569	rBV2	313	429	0.04%	0.006%
17	5.781	632	636	639	rVB3	271	391	0.04%	0.005%
18	5.842	642	646	650	rBV2	414	723	0.07%	0.009%
19	5.946	653	663	665	rBV5	2349	5308	0.55%	0.069%
20	6.147	693	696	698	rVV2	615	616	0.06%	0.008%
21	6.190	701	703	706	rVV3	315	399	0.04%	0.005%
22	6.519	754	757	759	rBV3	294	380	0.04%	0.005%
23	7.098	840	852	855	rBV	19677	49441	5.12%	0.644%
24	7.378	895	898	900	rBV2	373	379	0.04%	0.005%
25	7.409	900	903	904	rBV3	628	591	0.06%	0.008%
26	7.653	932	943	954	rBV	133166	329900	34.13%	4.298%
27	7.927	985	988	990	rVB3	397	381	0.04%	0.005%
28	8.110	1015	1018	1020	rBV2	403	406	0.04%	0.005%
29	8.281	1030	1046	1062	rBV3	305541	966564	100.00%	12.592%
30	8.634	1100	1104	1110	rVB7	1014	2167	0.22%	0.028%
31	8.701	1110	1115	1116	rBV4	784	1194	0.12%	0.016%
32	8.848	1130	1139	1155	rBV	346406	695534	71.96%	9.061%
33	9.079	1167	1177	1181	rBV8	2454	6650	0.69%	0.087%
34	9.207	1193	1198	1199	rBV2	583	633	0.07%	0.008%

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 Title : VOC Analysis

35	9.281	1202	1210	1220	rBV2	174897	367914	38.06%	4.793%
36	9.512	1240	1248	1253	rBV5	1375	2971	0.31%	0.039%
37	9.665	1269	1273	1279	rVB5	546	1113	0.12%	0.014%
38	9.762	1285	1289	1290	rBV3	917	1090	0.11%	0.014%
39	9.896	1307	1311	1316	rVB6	2617	4339	0.45%	0.057%
40	9.969	1321	1323	1325	rVV3	402	377	0.04%	0.005%
41	10.043	1327	1335	1345	rVB	100207	184181	19.06%	2.399%
42	10.122	1347	1348	1350	rBV2	437	386	0.04%	0.005%
43	10.219	1360	1364	1367	rBV5	1489	2501	0.26%	0.033%
44	10.329	1374	1382	1397	rBV	425077	753652	77.97%	9.818%
45	10.585	1417	1424	1433	rVB	69560	121369	12.56%	1.581%
46	10.713	1439	1445	1450	rBV3	26395	54879	5.68%	0.715%
47	10.933	1475	1481	1495	rVB	95178	170653	17.66%	2.223%
48	11.067	1498	1503	1516	rVB	40338	73385	7.59%	0.956%
49	11.183	1516	1522	1527	rBV7	2766	5702	0.59%	0.074%
50	11.286	1533	1539	1540	rBV2	2502	4717	0.49%	0.061%
51	11.445	1560	1565	1571	rVB2	23503	40506	4.19%	0.528%
52	11.634	1589	1596	1607	rBV	533176	931244	96.35%	12.132%
53	11.939	1644	1646	1647	rBV2	1046	850	0.09%	0.011%
54	12.158	1680	1682	1684	rBV2	1246	1415	0.15%	0.018%
55	12.201	1685	1689	1694	rVV	5256	8258	0.85%	0.108%
56	12.243	1694	1696	1698	rVB3	814	711	0.07%	0.009%
57	12.341	1708	1712	1717	rVB6	1240	1963	0.20%	0.026%
58	12.469	1725	1733	1739	rBV3	7939	15202	1.57%	0.198%
59	12.567	1743	1749	1752	rVV2	6015	10808	1.12%	0.141%
60	12.615	1752	1757	1764	rVV	41372	68487	7.09%	0.892%
61	12.701	1764	1771	1779	rVB	139378	235412	24.36%	3.067%
62	12.756	1779	1780	1787	rVB5	785	1134	0.12%	0.015%
63	12.841	1791	1794	1797	rBV2	656	729	0.08%	0.009%
64	12.896	1801	1803	1806	rBV4	518	483	0.05%	0.006%
65	12.938	1806	1810	1814	rBV2	5745	8971	0.93%	0.117%
66	12.975	1814	1816	1821	rVB3	3445	4575	0.47%	0.060%
67	13.085	1832	1834	1837	rBV3	892	1217	0.13%	0.016%
68	13.121	1837	1840	1844	rVV5	1957	3297	0.34%	0.043%
69	13.207	1851	1854	1856	rBV4	688	772	0.08%	0.010%
70	13.310	1865	1871	1880	rVB6	9450	18265	1.89%	0.238%
71	13.402	1880	1886	1893	rVB3	7521	13101	1.36%	0.171%

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72	13.463	1893	1896	1901	rBV5	1096	2206	0.23%	0.029%
73	13.512	1902	1904	1906	rVV3	979	818	0.08%	0.011%
74	13.566	1906	1913	1920	rVV	565519	914061	94.57%	11.908%
75	13.652	1922	1927	1933	rVB	39798	62579	6.47%	0.815%
76	13.719	1934	1938	1942	rBV6	2330	3323	0.34%	0.043%
77	13.859	1954	1961	1969	rBV	414843	690709	71.46%	8.998%
78	14.024	1985	1988	1989	rBV3	2229	2374	0.25%	0.031%
79	14.085	1993	1998	2005	rVB	15525	25335	2.62%	0.330%
80	14.225	2016	2021	2025	rVB6	1675	3053	0.32%	0.040%
81	14.335	2027	2039	2044	rBV2	32455	63619	6.58%	0.829%
82	14.536	2064	2072	2083	rBV	43990	73772	7.63%	0.961%
83	14.633	2085	2088	2091	rVV5	2407	3705	0.38%	0.048%
84	14.700	2091	2099	2111	rVB10	6716	28588	2.96%	0.372%
85	14.804	2113	2116	2121	rVB5	2901	4016	0.42%	0.052%
86	14.889	2127	2130	2132	rBV4	944	905	0.09%	0.012%
87	14.956	2136	2141	2143	rBV6	1144	1992	0.21%	0.026%
88	15.017	2146	2151	2153	rVV4	2257	3814	0.39%	0.050%
89	15.194	2174	2180	2181	rBV5	5745	8477	0.88%	0.110%
90	15.261	2187	2191	2196	rVB2	5894	8370	0.87%	0.109%
91	15.371	2207	2209	2211	rBV3	1257	1444	0.15%	0.019%
92	15.511	2227	2232	2239	rVB5	3340	6667	0.69%	0.087%
93	15.773	2273	2275	2276	rBV2	708	531	0.05%	0.007%
94	15.865	2285	2290	2294	rVB5	2875	5197	0.54%	0.068%
95	16.011	2312	2314	2317	rVB3	1049	808	0.08%	0.011%
96	16.109	2327	2330	2337	rVB8	1941	3793	0.39%	0.049%
97	16.267	2354	2356	2359	rBV4	466	598	0.06%	0.008%
98	16.352	2366	2370	2371	rBV3	569	753	0.08%	0.010%
99	16.609	2410	2412	2413	rBV2	624	400	0.04%	0.005%
100	16.779	2438	2440	2441	rBV2	731	584	0.06%	0.008%

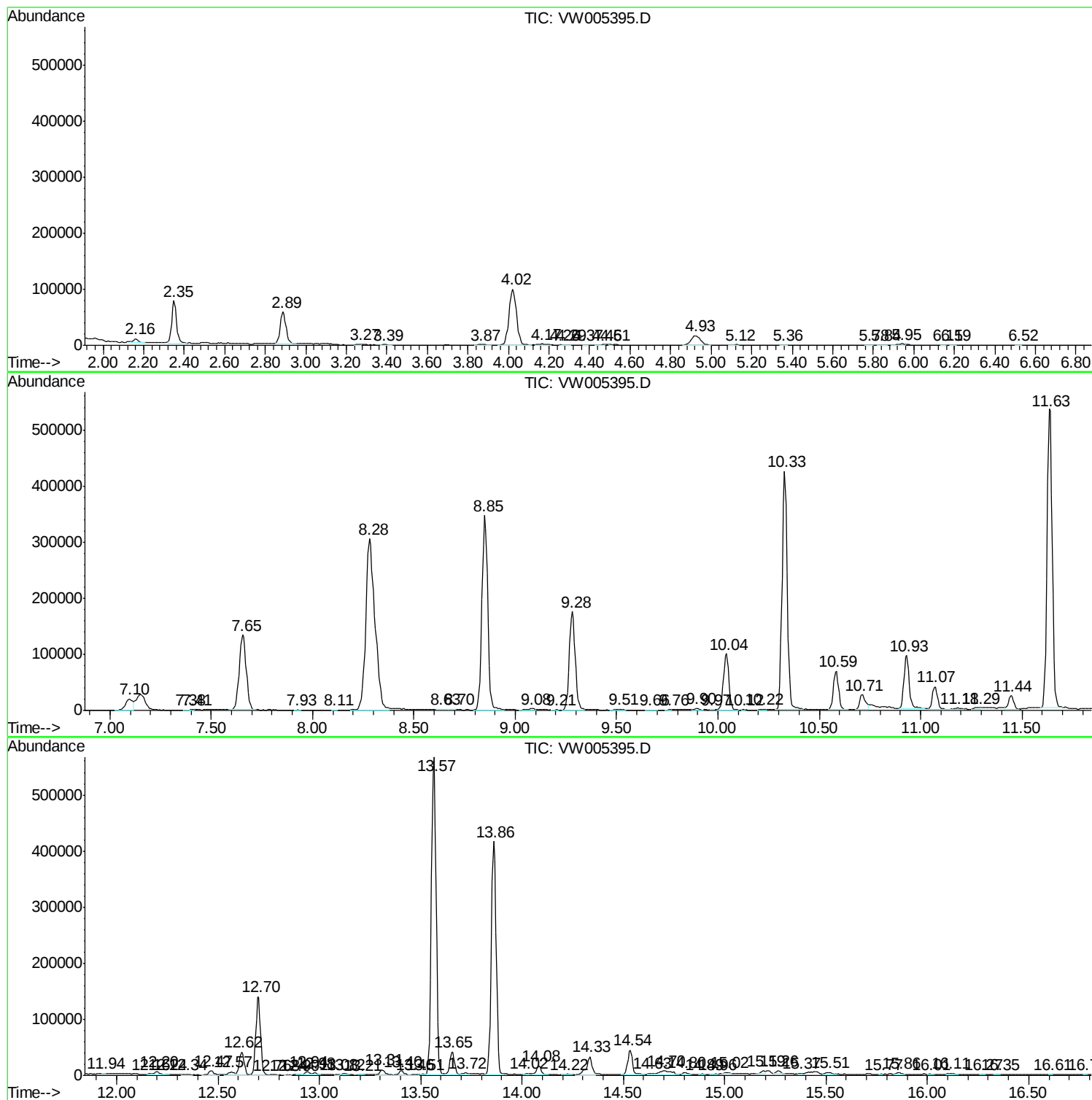
Sum of corrected areas: 7675987

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
Quant Title : VOC Analysis

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



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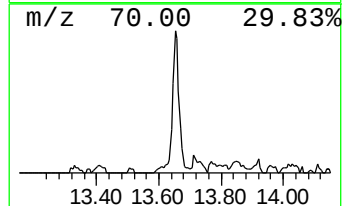
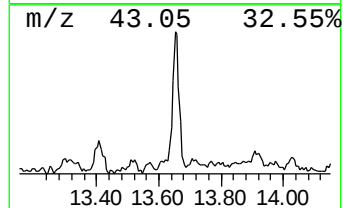
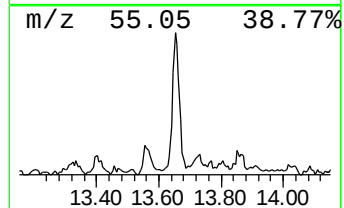
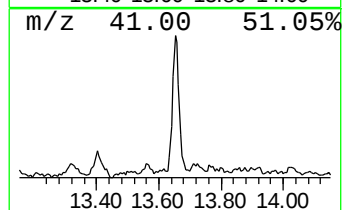
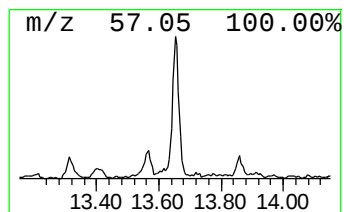
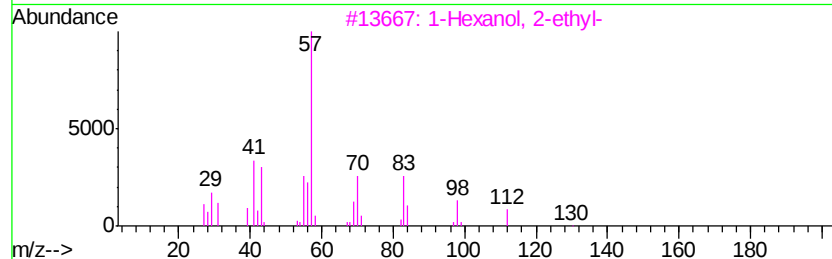
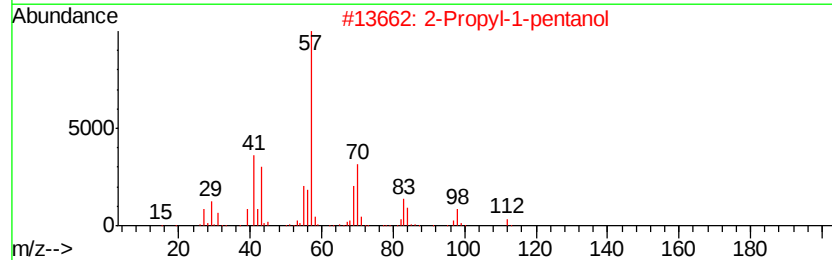
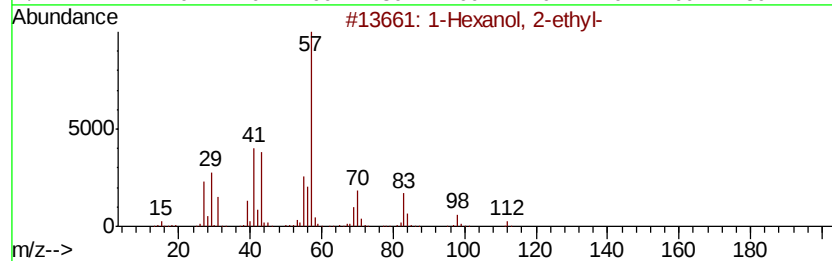
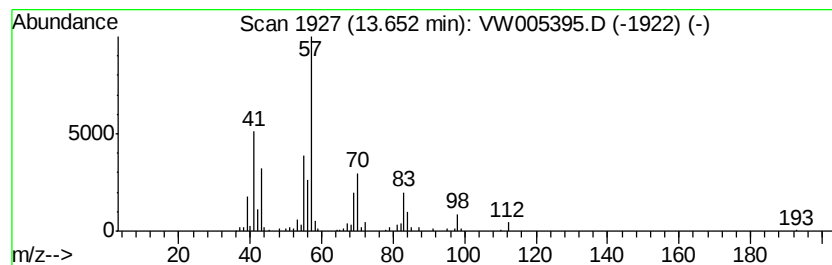
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
Quant Title : VOC Analysis

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

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	1.71 ug/L	62579	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	78
2		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64
3		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
4		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50
5		Oxalic acid, 2-ethylhexyl isobut...	258	C14H26O4	1000309-38-5	50



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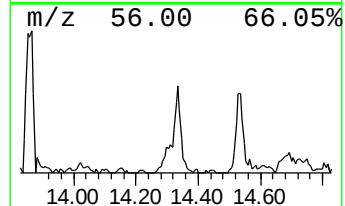
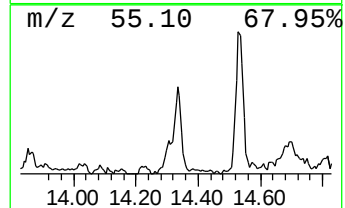
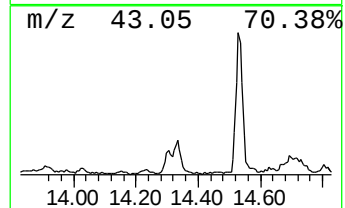
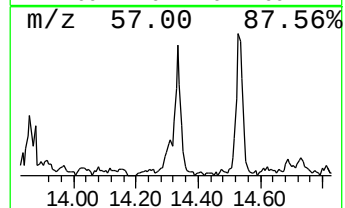
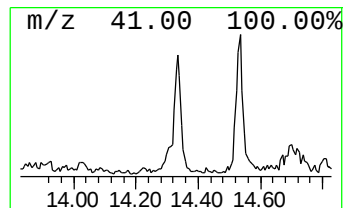
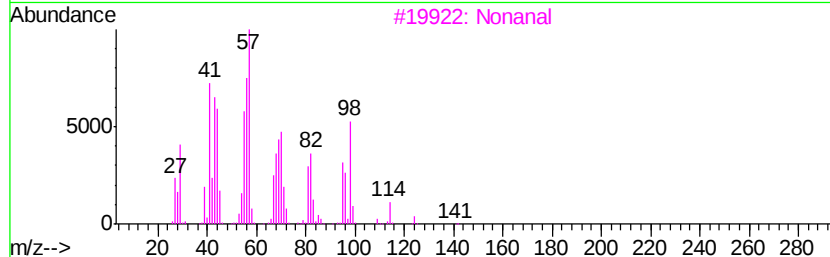
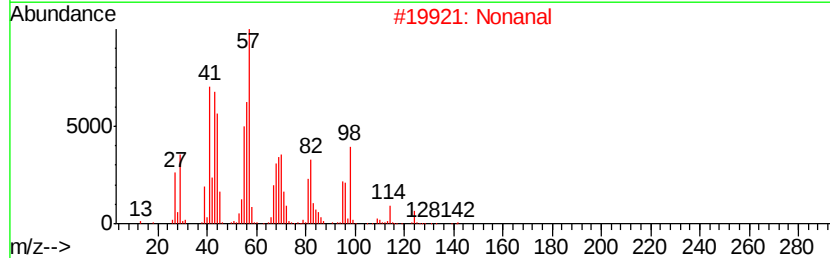
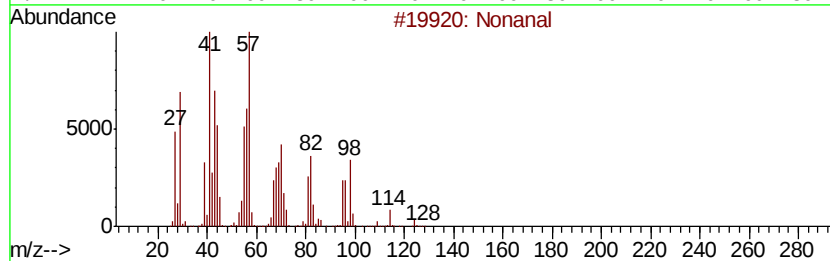
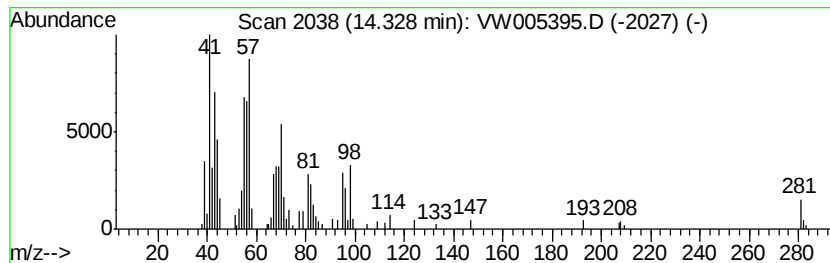
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Quant Title : VOC Analysis

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

Peak Number 6 Nonanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	1.74 ug/L	63619	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal		142	C9H18O	000124-19-6	87
2	Nonanal		142	C9H18O	000124-19-6	72
3	Nonanal		142	C9H18O	000124-19-6	64
4	Nonanal		142	C9H18O	000124-19-6	59
5	Butane, 1-isocyanato-		99	C5H9NO	000111-36-4	25



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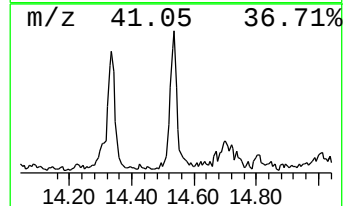
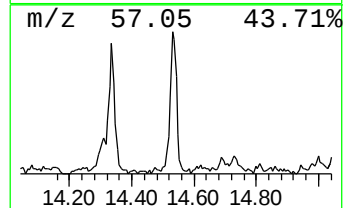
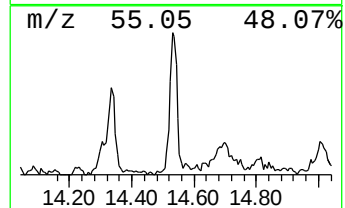
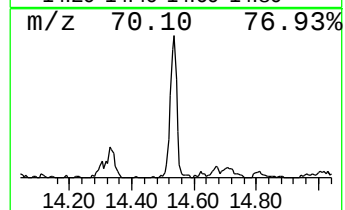
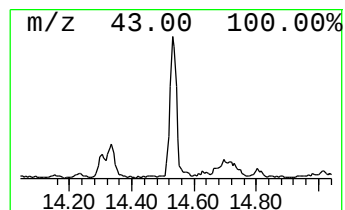
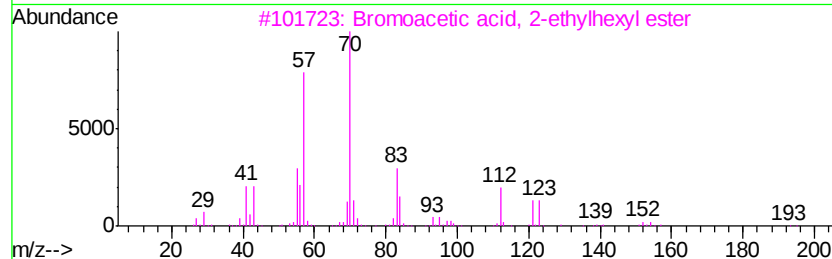
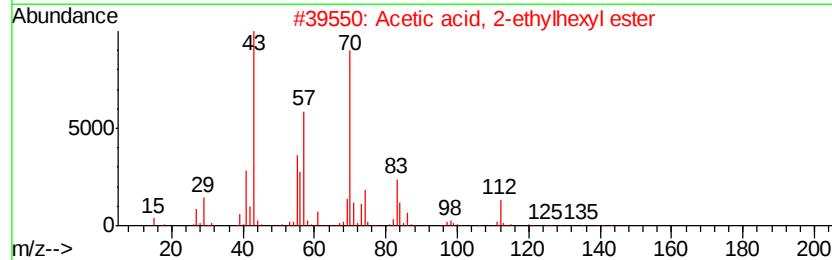
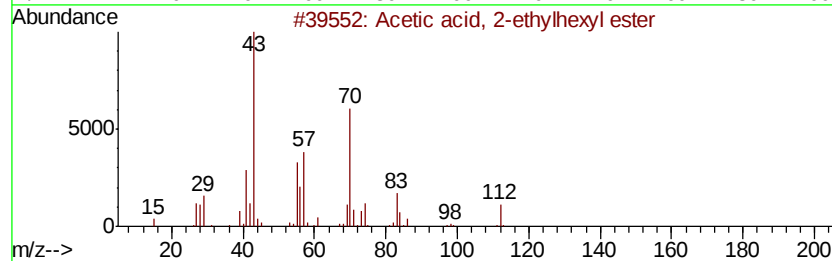
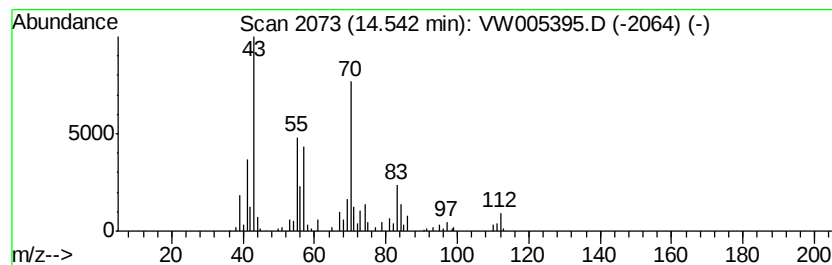
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Quant Title : VOC Analysis

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

Peak Number 7 Acetic acid, 2-ethylhexyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	2.02 ug/L	73772	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	90
2		Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	90
3		Bromoacetic acid, 2-ethylhexyl e...	250	C10H19BrO2	068144-73-0	72
4		2-Decenal, (E)-	154	C10H18O	003913-81-3	64
5		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091518\
Data File : VW005395.D
Acq On : 14 Sep 2018 18:37
Operator : SY/AP
Sample : J4865-22
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB3Q1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.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
1-Hexanol, 2-ethyl-	13.65	1.7	ug/L	62579	3	13.57	914061	25.0
Nonanal	14.33	1.7	ug/L	63619	3	13.57	914061	25.0
Acetic acid, 2-et...	14.54	2.0	ug/L	73772	3	13.57	914061	25.0