

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122818\
 Data File : VW007997.D
 Acq On : 28 Dec 2018 11:21
 Operator : SY/AP
 Sample : J6540-01
 Misc : 4.83G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAEN4

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\SOM2WLM122618S.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	2.361	69	75	88	rVB	20861	43975	13.47%	1.384%
2	2.501	92	98	107	rBV3	1529	3709	1.14%	0.117%
3	2.678	125	127	130	rVB	320	372	0.11%	0.012%
4	2.708	130	132	133	rBV	244	252	0.08%	0.008%
5	2.763	139	141	144	rBV	410	451	0.14%	0.014%
6	2.818	147	150	151	rBV2	327	379	0.12%	0.012%
7	2.849	153	155	156	rVB	432	258	0.08%	0.008%
8	2.897	156	163	177	rBV	11705	31722	9.72%	0.998%
9	3.032	181	185	187	rBV2	843	1149	0.35%	0.036%
10	3.093	194	195	197	rBV	297	193	0.06%	0.006%
11	3.166	206	207	212	rVB2	265	215	0.07%	0.007%
12	3.208	212	214	220	rVB	699	1076	0.33%	0.034%
13	3.269	220	224	225	rBV	256	254	0.08%	0.008%
14	3.300	225	229	236	rVB2	1409	2571	0.79%	0.081%
15	3.391	236	244	252	rVB4	1202	3162	0.97%	0.099%
16	3.757	297	304	309	rBB2	611	1320	0.40%	0.042%
17	3.842	317	318	319	rBV2	302	195	0.06%	0.006%
18	4.013	335	346	357	rBV2	42064	117728	36.07%	3.704%
19	4.117	358	363	374	rVB4	2439	7271	2.23%	0.229%
20	4.385	398	407	418	rBB3	1433	4264	1.31%	0.134%
21	4.922	485	495	500	rBV2	775	2037	0.62%	0.064%
22	5.428	575	578	579	rBV	260	243	0.07%	0.008%
23	5.549	579	598	600	rBV	6561	21999	6.74%	0.692%
24	5.775	632	635	636	rBV	173	178	0.05%	0.006%
25	5.927	655	660	661	rBV	382	495	0.15%	0.016%
26	5.964	664	666	669	rVB2	229	207	0.06%	0.007%
27	6.104	682	689	691	rBV3	540	1003	0.31%	0.032%
28	6.891	811	818	819	rBV	1807	2654	0.81%	0.084%
29	7.080	839	849	856	rBV2	10822	30307	9.29%	0.954%
30	7.141	856	859	875	rVB4	2430	7061	2.16%	0.222%
31	7.647	932	942	953	rBB2	61590	146679	44.94%	4.615%
32	8.275	1035	1045	1060	rBB2	110045	326367	100.00%	10.269%
33	8.689	1111	1113	1119	rBB2	267	452	0.14%	0.014%
34	8.842	1130	1138	1148	rBB	127552	248897	76.26%	7.832%

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35	9.024	1164	1168	1174	rBB4	954	1803	0.55%	0.057%
36	9.274	1202	1209	1217	rBV	70886	145352	44.54%	4.573%
37	9.409	1226	1231	1238	rBV3	3737	7022	2.15%	0.221%
38	10.036	1327	1334	1342	rBB	46242	81877	25.09%	2.576%
39	10.158	1350	1354	1359	rBB3	267	510	0.16%	0.016%
40	10.323	1374	1381	1389	rBV	157515	279214	85.55%	8.785%
41	10.396	1389	1393	1398	rVB2	887	1444	0.44%	0.045%
42	10.512	1407	1412	1413	rBB	238	243	0.07%	0.008%
43	10.579	1417	1423	1430	rBV	33049	54789	16.79%	1.724%
44	10.707	1438	1444	1452	rVB	8194	15086	4.62%	0.475%
45	10.927	1473	1480	1492	rBB	50909	81098	24.85%	2.552%
46	11.073	1499	1504	1512	rBB2	9246	15559	4.77%	0.490%
47	11.634	1589	1596	1604	rVB	184955	306557	93.93%	9.646%
48	11.719	1605	1610	1611	rBV	259	331	0.10%	0.010%
49	11.731	1611	1612	1616	rVB	277	245	0.08%	0.008%
50	11.841	1626	1630	1634	rBB	564	707	0.22%	0.022%
51	12.164	1679	1683	1689	rBB3	537	1107	0.34%	0.035%
52	12.237	1690	1695	1701	rBB4	1932	2899	0.89%	0.091%
53	12.341	1708	1712	1717	rBB4	2235	3635	1.11%	0.114%
54	12.615	1751	1757	1763	rBV	42241	67495	20.68%	2.124%
55	12.695	1763	1770	1777	rVB	69940	111506	34.17%	3.509%
56	12.896	1796	1803	1807	rBV2	1756	2580	0.79%	0.081%
57	12.938	1807	1810	1813	rVV2	351	461	0.14%	0.015%
58	12.969	1813	1815	1818	rVV	413	365	0.11%	0.011%
59	13.005	1818	1821	1825	rVB	258	252	0.08%	0.008%
60	13.054	1826	1829	1830	rBV	271	253	0.08%	0.008%
61	13.140	1841	1843	1846	rBV	296	349	0.11%	0.011%
62	13.286	1859	1867	1872	rBB5	1206	3039	0.93%	0.096%
63	13.402	1882	1886	1890	rBB2	2773	3929	1.20%	0.124%
64	13.505	1901	1903	1906	rVV	202	229	0.07%	0.007%
65	13.560	1906	1912	1919	rVV	194845	314511	96.37%	9.896%
66	13.652	1922	1927	1938	rVB	16423	26395	8.09%	0.831%
67	13.743	1938	1942	1943	rBV	224	203	0.06%	0.006%
68	13.780	1943	1948	1949	rVV	209	377	0.12%	0.012%
69	13.798	1949	1951	1954	rVV	481	583	0.18%	0.018%
70	13.859	1954	1961	1969	rVV	161909	267321	81.91%	8.411%
71	13.956	1973	1977	1983	rVV	2092	3441	1.05%	0.108%

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72	14.024	1983	1988	1992	rVV4	1800	3160	0.97%	0.099%
73	14.078	1992	1997	2006	rVB2	19560	32587	9.98%	1.025%
74	14.231	2014	2022	2027	rBV4	3287	8387	2.57%	0.264%
75	14.304	2027	2034	2043	rVV3	18723	39988	12.25%	1.258%
76	14.408	2047	2051	2055	rVV2	3025	5603	1.72%	0.176%
77	14.450	2055	2058	2059	rVV2	1822	2409	0.74%	0.076%
78	14.475	2059	2062	2063	rVV2	2724	3322	1.02%	0.105%
79	14.511	2063	2068	2070	rVV2	7937	13196	4.04%	0.415%
80	14.572	2070	2078	2088	rVV4	49829	141865	43.47%	4.464%
81	14.664	2088	2093	2111	rVV	47321	77464	23.74%	2.437%
82	14.786	2111	2113	2115	rVV2	504	681	0.21%	0.021%
83	14.877	2117	2128	2136	rVV	14170	24389	7.47%	0.767%
84	14.950	2139	2140	2146	rVV2	483	912	0.28%	0.029%
85	15.005	2146	2149	2152	rVV2	293	536	0.16%	0.017%
86	15.084	2156	2162	2166	rBB4	886	1574	0.48%	0.050%
87	15.188	2175	2179	2182	rVV	582	811	0.25%	0.026%
88	15.225	2184	2185	2188	rVB	354	230	0.07%	0.007%
89	15.267	2190	2192	2195	rVB	218	228	0.07%	0.007%
90	15.377	2206	2210	2213	rVV2	397	554	0.17%	0.017%
91	15.414	2215	2216	2218	rVV2	310	247	0.08%	0.008%
92	15.511	2226	2232	2240	rVV	3143	5387	1.65%	0.170%
93	15.694	2259	2262	2266	rVV	114	218	0.07%	0.007%
94	15.749	2270	2271	2275	rBV2	257	282	0.09%	0.009%
95	15.810	2277	2281	2286	rVV2	517	834	0.26%	0.026%
96	15.865	2286	2290	2291	rVV	367	461	0.14%	0.015%
97	15.980	2307	2309	2313	rVB	290	261	0.08%	0.008%
98	16.298	2358	2361	2365	rVB	184	243	0.07%	0.008%
99	16.487	2389	2392	2395	rVV	178	236	0.07%	0.007%
100	16.633	2413	2416	2418	rVB	262	223	0.07%	0.007%

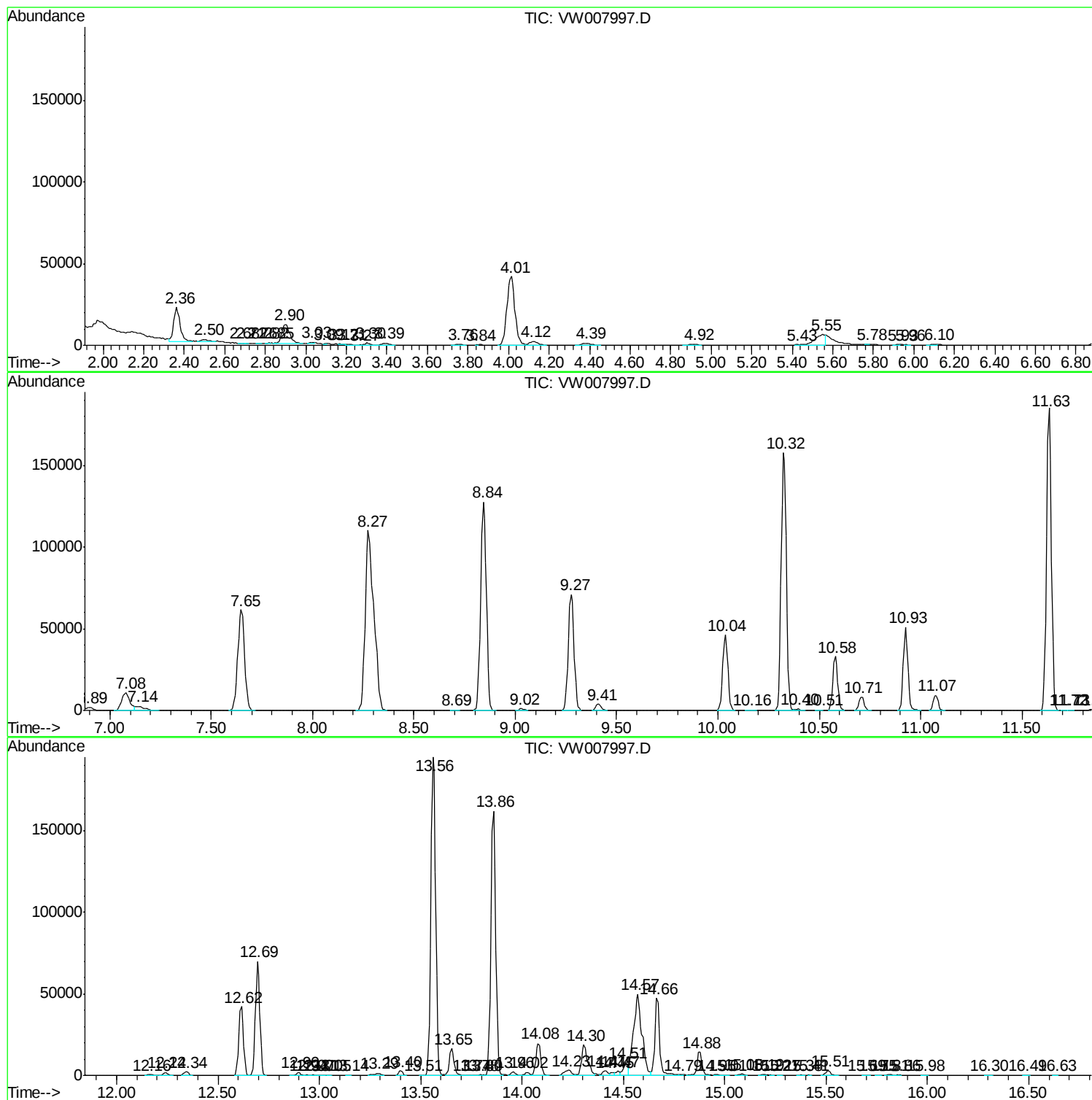
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TIC Library : C:\DATABASE\NIST11.L
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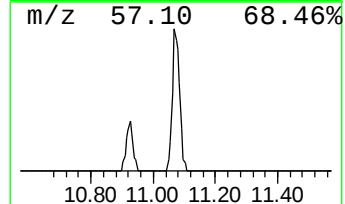
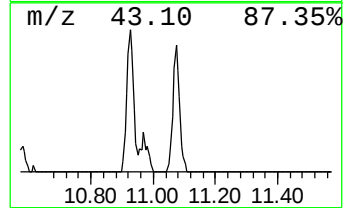
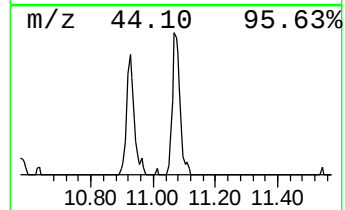
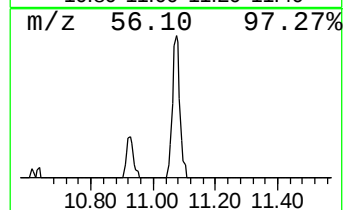
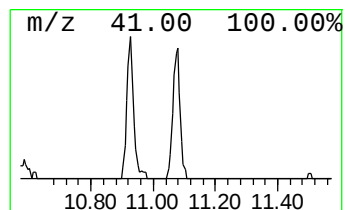
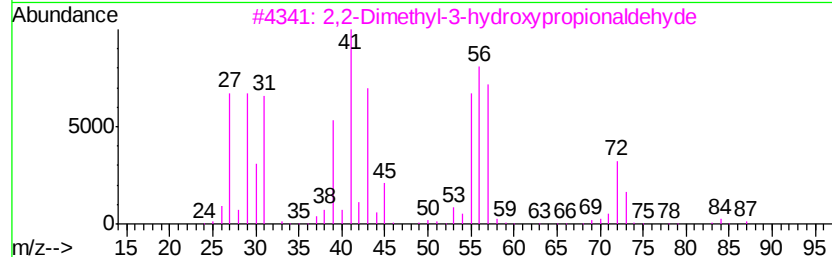
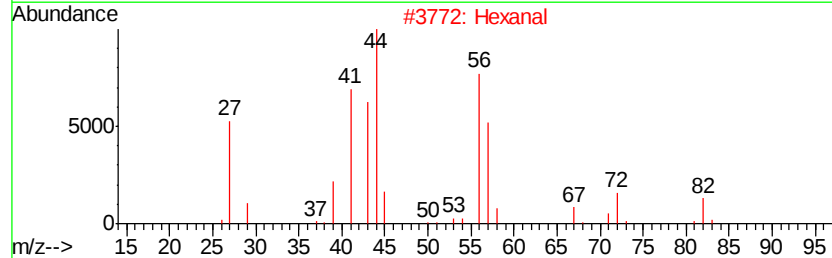
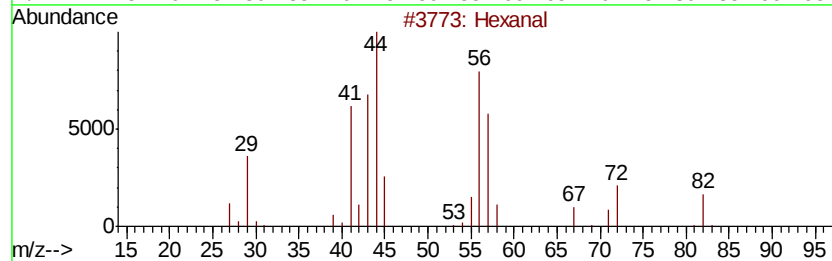
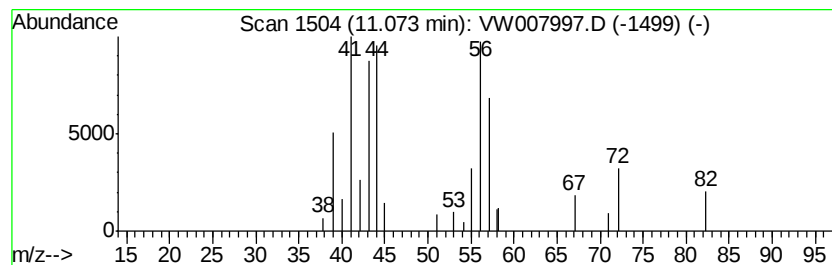
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis

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

Peak Number 3 Hexanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	1.27 ug/L	15559	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	50
2		Hexanal	100	C6H12O	000066-25-1	23
3		2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	23
4		Glutaraldehyde	100	C5H8O2	000111-30-8	17
5		Butanal	72	C4H8O	000123-72-8	16



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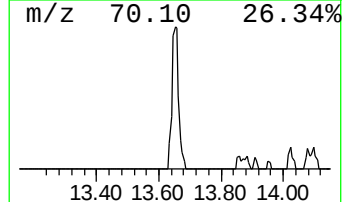
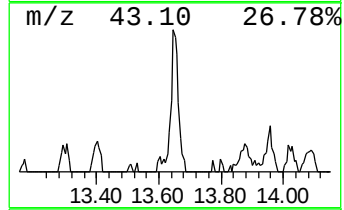
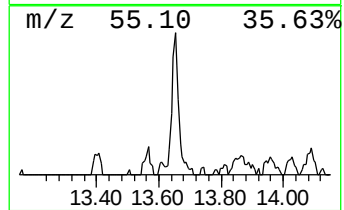
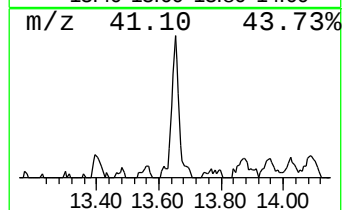
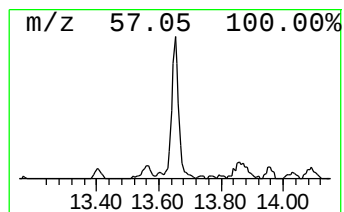
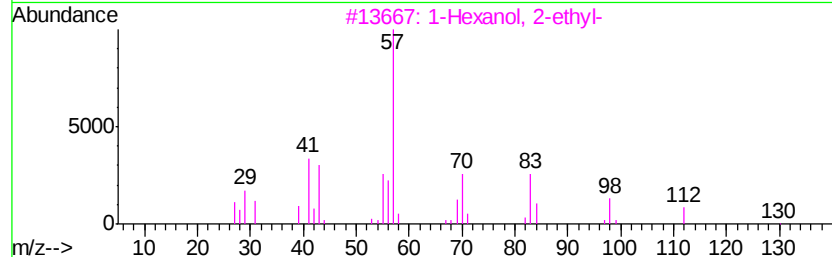
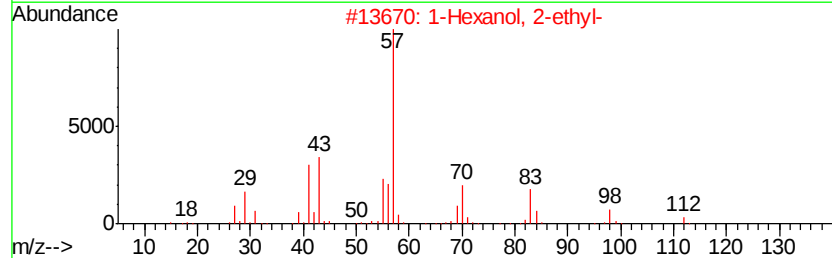
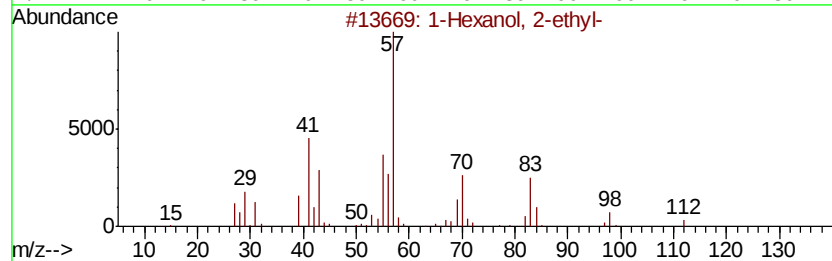
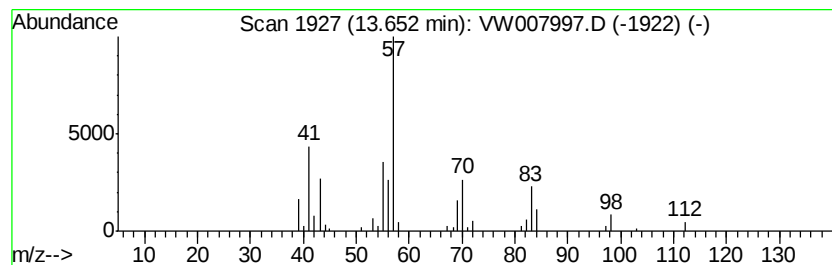
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.10 ug/L	26395	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
5			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47



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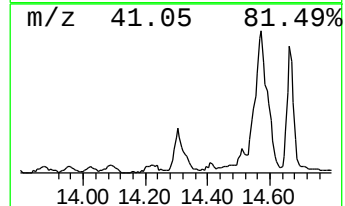
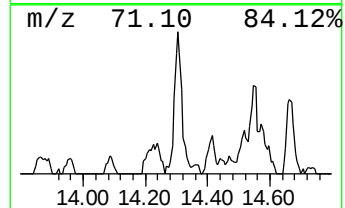
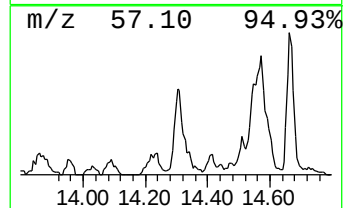
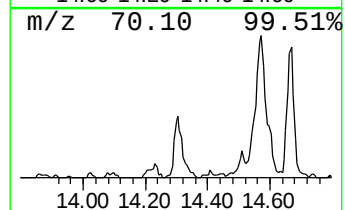
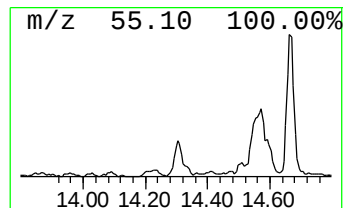
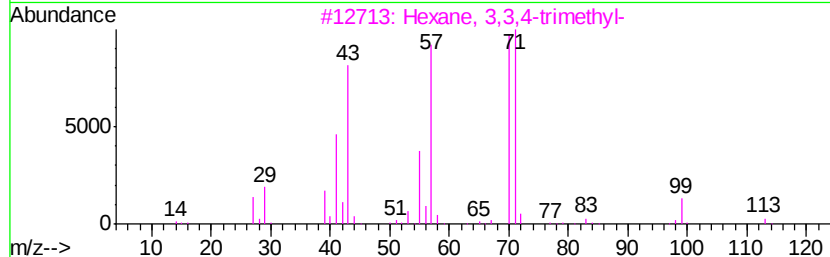
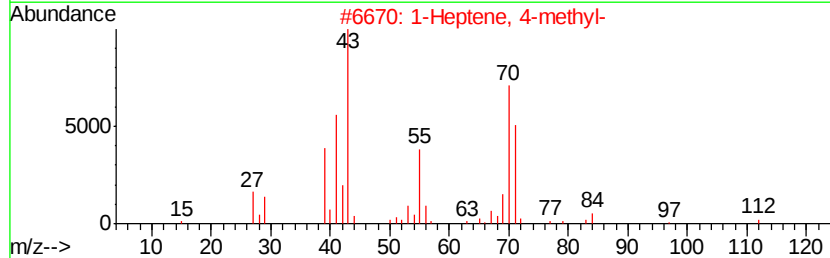
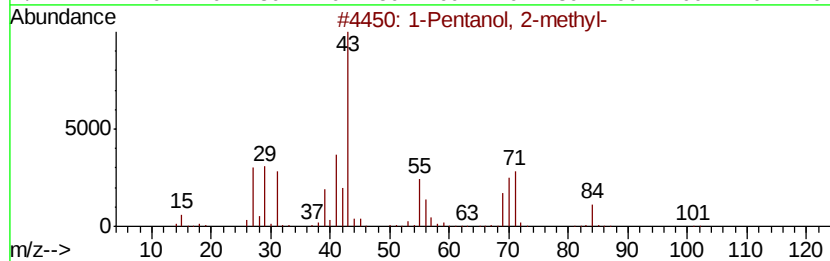
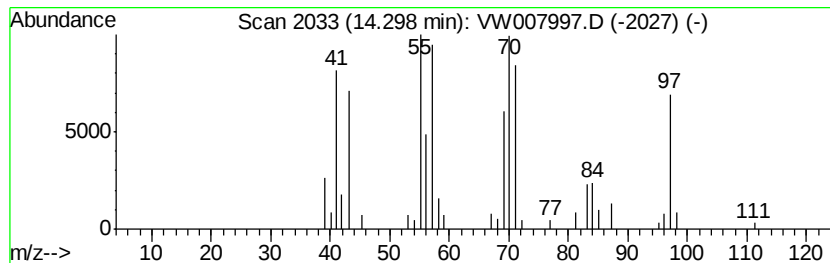
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TIC Integration Parameters: LSCINT.P

Peak Number 7 Hexane, 3,3,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	3.18 ug/L	39988	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	50
2		1-Heptene, 4-methyl-	112	C8H16	013151-05-8	43
3		Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	43
4		Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	43
5		1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	43



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Operator : SY/AP
Sample : J6540-01
Misc : 4.83G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

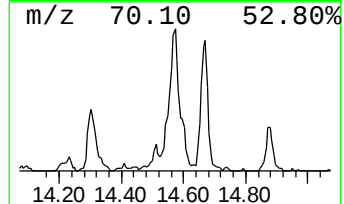
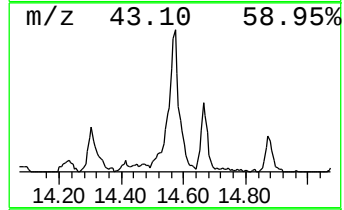
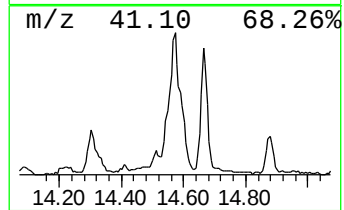
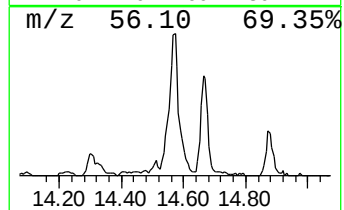
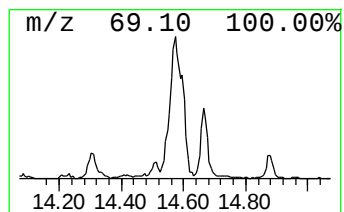
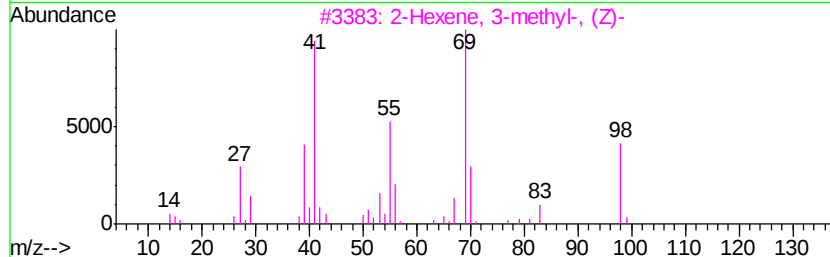
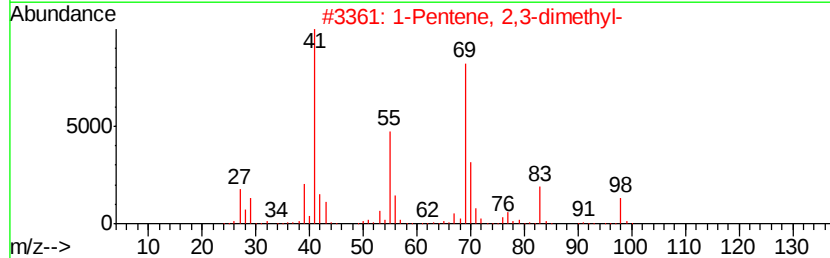
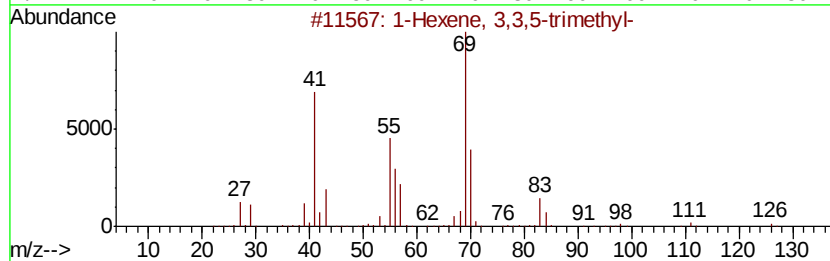
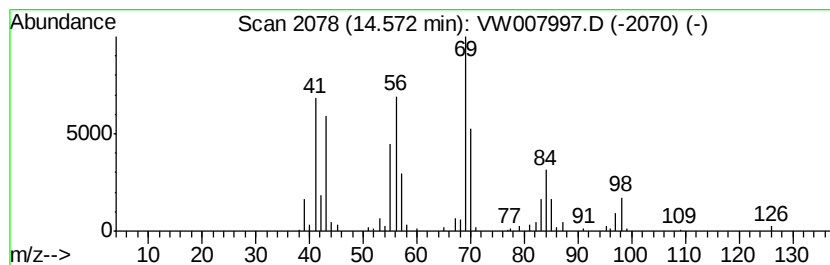
Instrument :
MSVOA_W
ClientSampleId :
GAEN4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Cyclic14.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.57	11.28 ug/L	141865	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	58
2	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	49
3	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	46
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	45
5	4-Methyl-2-hexene,c&t	98	C7H14	003404-55-5	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122818\
Data File : VW007997.D
Acq On : 28 Dec 2018 11:21
Operator : SY/AP
Sample : J6540-01
Misc : 4.83G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

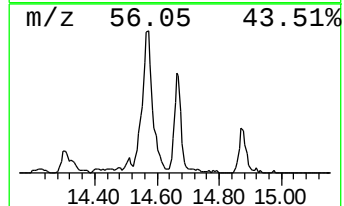
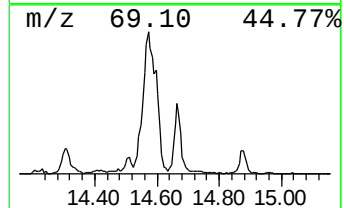
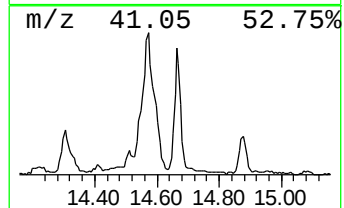
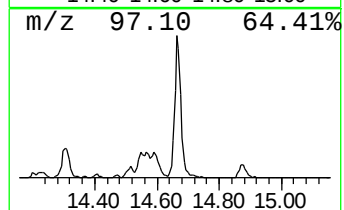
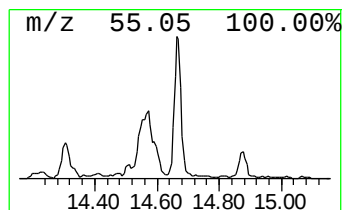
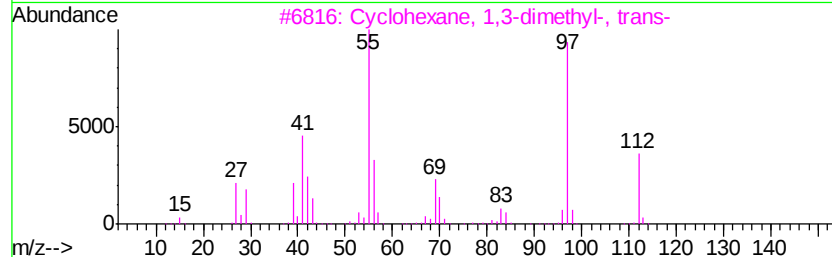
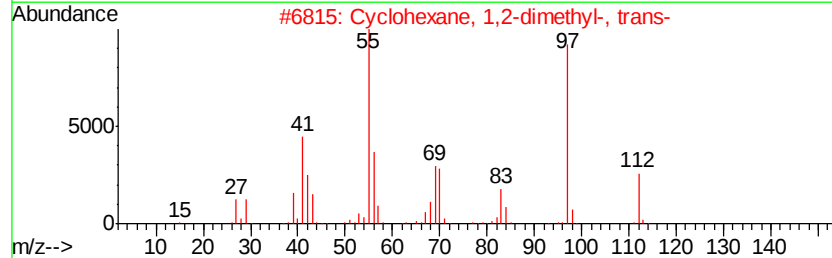
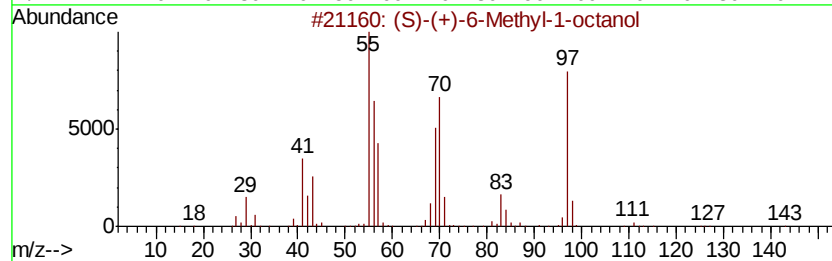
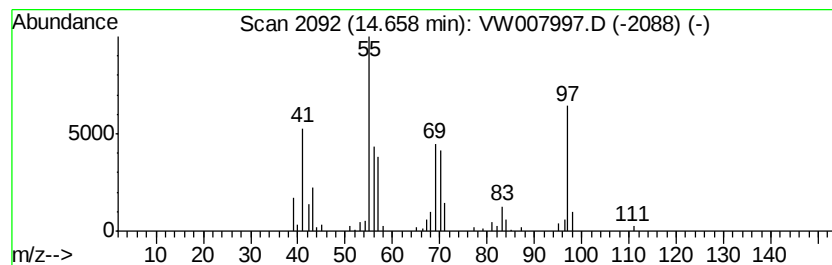
Instrument :
MSVOA_W
ClientSampleId :
GAEN4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis

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

Peak Number 9 (S)-(+)-6-Methyl-1-octanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	6.16 ug/L	77464	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	(S)-(+)-6-Methyl-1-octanol	144 C9H20O	110453-78-6	91
2	Cyclohexane, 1,2-dimethyl-, trans-	112 C8H16	006876-23-9	72
3	Cyclohexane, 1,3-dimethyl-, trans-	112 C8H16	002207-03-6	59
4	Cyclohexane, 1,3-dimethyl-, trans-	112 C8H16	002207-03-6	59
5	Cyclohexane, 1,1-dimethyl-	112 C8H16	000590-66-9	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122818\
Data File : VW007997.D
Acq On : 28 Dec 2018 11:21
Operator : SY/AP
Sample : J6540-01
Misc : 4.83G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAEN4

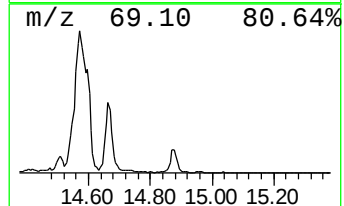
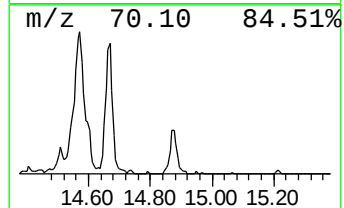
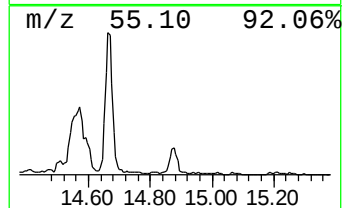
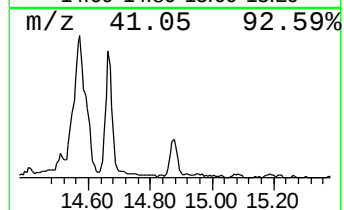
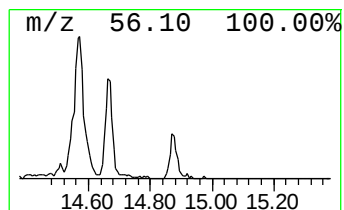
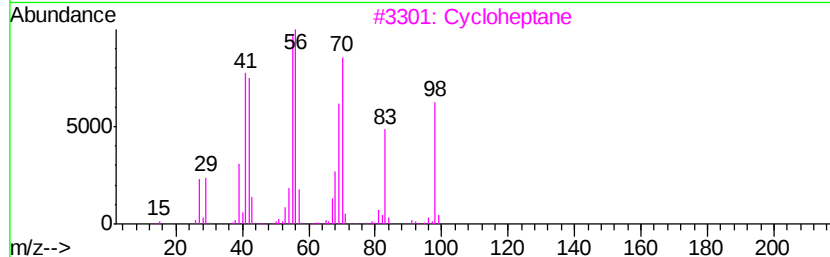
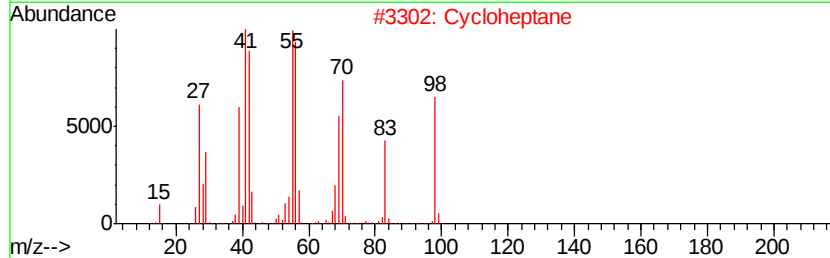
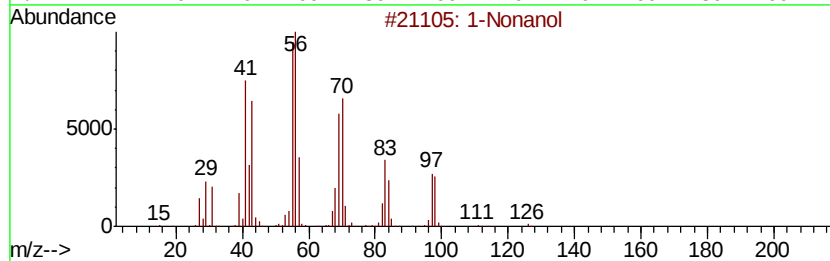
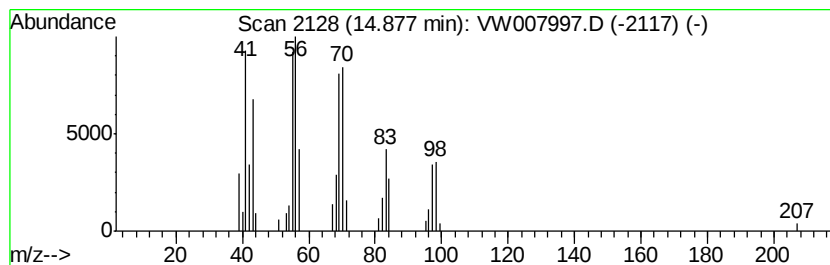
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis

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

Peak Number 10 1-Nonanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	1.94 ug/L	24389	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonanol		144	C9H20O	000143-08-8	90
2	Cycloheptane		98	C7H14	000291-64-5	87
3	Cycloheptane		98	C7H14	000291-64-5	87
4	3-Dodecene, (Z)-		168	C12H24	007239-23-8	80
5	Cycloheptane		98	C7H14	000291-64-5	70



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122818\
Data File : VW007997.D
Acq On : 28 Dec 2018 11:21
Operator : SY/AP
Sample : J6540-01
Misc : 4.83G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAEN4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.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
Hexanal	11.07	1.3	ug/L	15559	2	11.63	306557	25.0
1-Hexanol, 2-ethyl-	13.65	2.1	ug/L	26395	3	13.56	314511	25.0
Hexane, 3,3,4-tri...	14.30	3.2	ug/L	39988	3	13.56	314511	25.0
(DEL) Alkane: Cyc...	14.57	11.3	ug/L	141865	3	13.56	314511	25.0
(S)-(+)-6-Methyl...	14.66	6.2	ug/L	77464	3	13.56	314511	25.0
1-Nonanol	14.88	1.9	ug/L	24389	3	13.56	314511	25.0