

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100218\
 Data File : VW005795.D
 Acq On : 03 Oct 2018 00:44
 Operator : SY/AP
 Sample : J5182-08
 Misc : 2.74G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC57

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\SOM2WLM092818S.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	2.355	69	74	86	rVB	33734	73544	10.22%	1.466%
2	2.892	156	162	176	rVB	29167	81361	11.31%	1.622%
3	4.013	335	346	362	rBV	62333	206141	28.65%	4.109%
4	4.275	388	389	392	rBV2	357	390	0.05%	0.008%
5	4.342	398	400	401	rBV	302	206	0.03%	0.004%
6	4.367	401	404	406	rVV	307	347	0.05%	0.007%
7	4.568	436	437	438	rBV	324	234	0.03%	0.005%
8	4.611	439	444	445	rBV2	1878	2730	0.38%	0.054%
9	4.775	469	471	472	rBV2	261	216	0.03%	0.004%
10	4.909	483	493	510	rVV	17005	61647	8.57%	1.229%
11	5.123	527	528	532	rBV3	193	242	0.03%	0.005%
12	5.166	534	535	537	rBV	227	226	0.03%	0.005%
13	5.251	546	549	552	rBV3	213	330	0.05%	0.007%
14	5.440	577	580	581	rVB	312	222	0.03%	0.004%
15	5.464	581	584	585	rBV2	184	235	0.03%	0.005%
16	5.604	603	607	608	rBV3	235	283	0.04%	0.006%
17	5.672	617	618	620	rBV3	175	188	0.03%	0.004%
18	5.745	626	630	631	rBV2	532	617	0.09%	0.012%
19	5.940	650	662	677	rBV3	29150	86493	12.02%	1.724%
20	6.379	730	734	736	rBV2	233	308	0.04%	0.006%
21	6.482	747	751	752	rBV2	281	345	0.05%	0.007%
22	6.592	767	769	770	rVV2	263	186	0.03%	0.004%
23	6.860	810	813	815	rBV3	261	382	0.05%	0.008%
24	6.970	827	831	835	rVV4	483	743	0.10%	0.015%
25	7.098	844	852	853	rBV	4339	8435	1.17%	0.168%
26	7.293	882	884	886	rBV	262	223	0.03%	0.004%
27	7.427	905	906	908	rBV	247	191	0.03%	0.004%
28	7.507	916	919	920	rBV2	274	277	0.04%	0.006%
29	7.537	920	924	925	rBV2	253	286	0.04%	0.006%
30	7.653	932	943	953	rBV	146193	361939	50.30%	7.214%
31	7.817	968	970	972	rBV2	264	194	0.03%	0.004%
32	8.019	1000	1003	1007	rBV2	223	329	0.05%	0.007%
33	8.055	1007	1009	1013	rBV2	312	313	0.04%	0.006%
34	8.281	1034	1046	1061	rBV2	220551	719586	100.00%	14.342%

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 Title : VOC Analysis

35	8.488	1077	1080	1083	rVV2	289	278	0.04%	0.006%
36	8.512	1083	1084	1087	rVV	216	202	0.03%	0.004%
37	8.567	1091	1093	1096	rVB2	226	209	0.03%	0.004%
38	8.628	1101	1103	1104	rVB	379	194	0.03%	0.004%
39	8.647	1104	1106	1108	rBV2	163	197	0.03%	0.004%
40	8.848	1130	1139	1149	rBV	259737	511874	71.13%	10.202%
41	9.079	1168	1177	1184	rVB6	2284	4991	0.69%	0.099%
42	9.281	1201	1210	1217	rBV	183857	373780	51.94%	7.450%
43	9.610	1260	1264	1268	rBV5	558	925	0.13%	0.018%
44	9.665	1268	1273	1277	rVB3	872	1405	0.20%	0.028%
45	9.750	1282	1287	1288	rBV4	2073	2410	0.33%	0.048%
46	9.902	1305	1312	1316	rBV5	3044	6225	0.87%	0.124%
47	10.037	1327	1334	1342	rBV2	43187	79896	11.10%	1.592%
48	10.159	1352	1354	1358	rBV2	321	316	0.04%	0.006%
49	10.213	1361	1363	1365	rBV2	568	653	0.09%	0.013%
50	10.329	1374	1382	1398	rBV	252608	457887	63.63%	9.126%
51	10.506	1404	1411	1417	rVB6	3454	8603	1.20%	0.171%
52	10.585	1417	1424	1430	rBV	36165	65587	9.11%	1.307%
53	10.671	1433	1438	1441	rBV2	12778	21459	2.98%	0.428%
54	10.762	1449	1453	1464	rVB4	9358	18479	2.57%	0.368%
55	10.847	1466	1467	1473	rVB3	669	654	0.09%	0.013%
56	10.933	1473	1481	1488	rBV	9522	18986	2.64%	0.378%
57	11.067	1498	1503	1507	rBV2	10474	17167	2.39%	0.342%
58	11.238	1526	1531	1536	rVB4	10144	18075	2.51%	0.360%
59	11.335	1543	1547	1552	rVB4	3407	5243	0.73%	0.104%
60	11.378	1552	1554	1555	rBV2	450	345	0.05%	0.007%
61	11.439	1559	1564	1573	rVB4	13269	28077	3.90%	0.560%
62	11.524	1573	1578	1580	rVB3	551	827	0.11%	0.016%
63	11.549	1580	1582	1583	rBV2	484	441	0.06%	0.009%
64	11.634	1588	1596	1604	rBV	288679	483225	67.15%	9.631%
65	11.731	1607	1612	1616	rBV	21651	38737	5.38%	0.772%
66	11.841	1623	1630	1646	rVB	120618	242918	33.76%	4.842%
67	11.987	1650	1654	1659	rVB3	1226	1724	0.24%	0.034%
68	12.048	1659	1664	1669	rBV5	1905	3130	0.43%	0.062%
69	12.170	1672	1684	1702	rBV	109693	191840	26.66%	3.824%
70	12.311	1704	1707	1708	rBV2	825	787	0.11%	0.016%
71	12.341	1708	1712	1721	rVB6	3394	6913	0.96%	0.138%

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72	12.414	1722	1724	1726	rBV2	818	604	0.08%	0.012%
73	12.615	1751	1757	1763	rBV	16679	26255	3.65%	0.523%
74	12.701	1764	1771	1778	rVB	118137	199740	27.76%	3.981%
75	12.786	1778	1785	1793	rVB8	1340	3107	0.43%	0.062%
76	12.871	1793	1799	1803	rBV3	5324	8178	1.14%	0.163%
77	12.945	1806	1811	1818	rVB3	9202	15627	2.17%	0.311%
78	13.036	1824	1826	1831	rBV2	325	316	0.04%	0.006%
79	13.109	1831	1838	1844	rVB2	3991	6677	0.93%	0.133%
80	13.170	1844	1848	1850	rBV3	499	720	0.10%	0.014%
81	13.195	1850	1852	1853	rBV2	584	418	0.06%	0.008%
82	13.256	1858	1862	1867	rVV2	5482	9426	1.31%	0.188%
83	13.304	1867	1870	1876	rVB2	3782	5729	0.80%	0.114%
84	13.384	1882	1883	1884	rBV	339	188	0.03%	0.004%
85	13.402	1884	1886	1887	rBV2	747	430	0.06%	0.009%
86	13.518	1901	1905	1906	rBV2	604	681	0.09%	0.014%
87	13.566	1906	1913	1923	rVV	157960	260978	36.27%	5.201%
88	13.768	1942	1946	1949	rBV3	1832	2089	0.29%	0.042%
89	13.859	1954	1961	1968	rBV	134650	219185	30.46%	4.369%
90	13.957	1976	1977	1980	rVB3	623	389	0.05%	0.008%
91	14.024	1984	1988	1990	rBV3	820	1084	0.15%	0.022%
92	14.079	1993	1997	2006	rVB2	5467	9499	1.32%	0.189%
93	14.261	2024	2027	2028	rBV3	227	220	0.03%	0.004%
94	14.316	2030	2036	2038	rBV5	1668	2590	0.36%	0.052%
95	14.426	2050	2054	2061	rVB2	8706	12625	1.75%	0.252%
96	14.524	2068	2070	2076	rBV4	857	1382	0.19%	0.028%
97	14.731	2102	2104	2112	rVB4	1053	1813	0.25%	0.036%
98	15.054	2155	2157	2160	rBV2	374	298	0.04%	0.006%
99	15.450	2219	2222	2228	rVB3	2098	2460	0.34%	0.049%
100	16.078	2323	2325	2328	rBV2	621	620	0.09%	0.012%

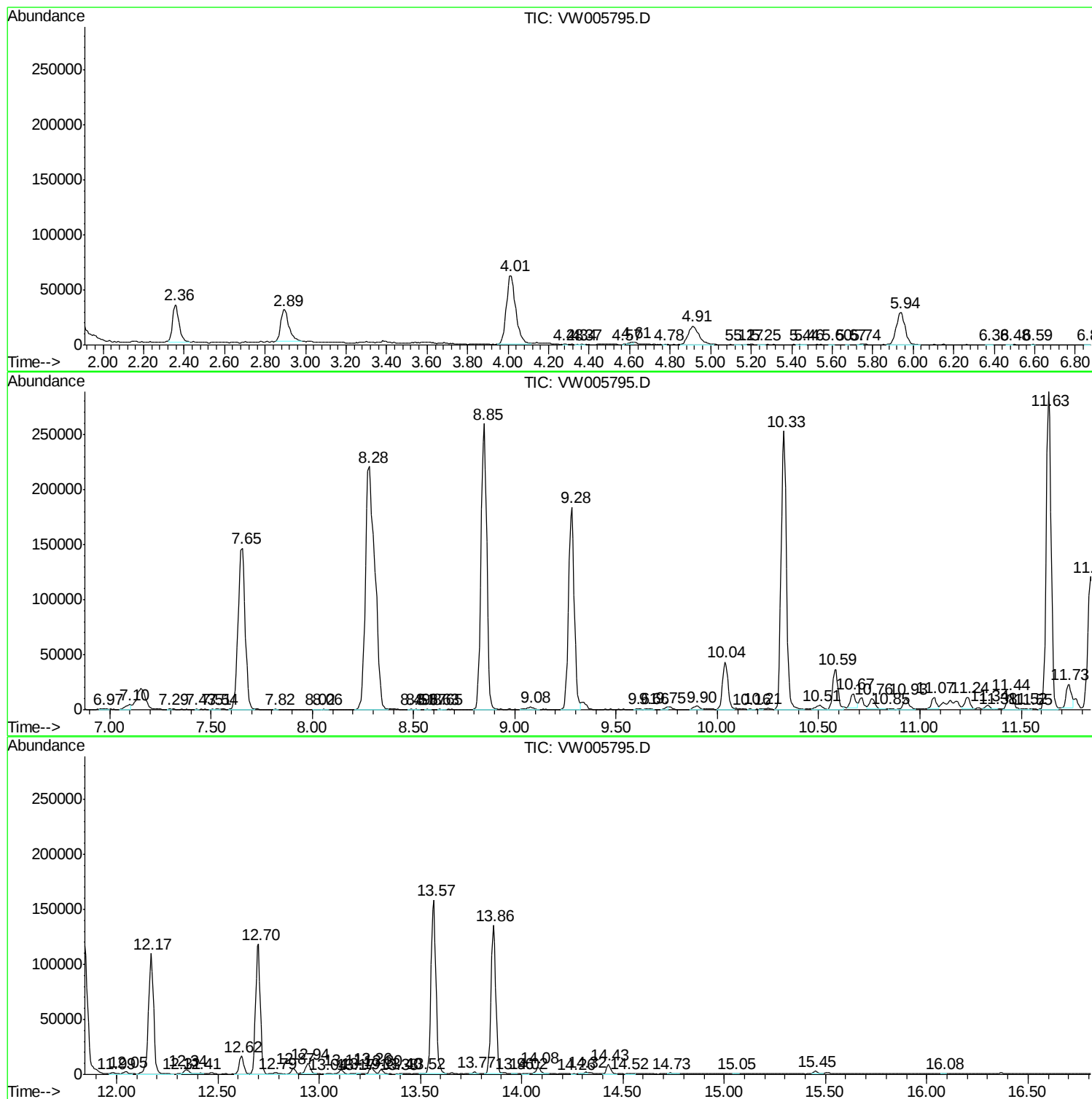
Sum of corrected areas: 5017376

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Quant Title : VOC Analysis

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



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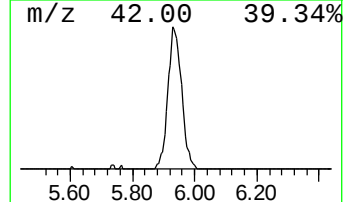
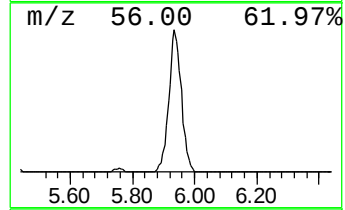
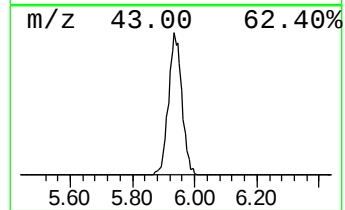
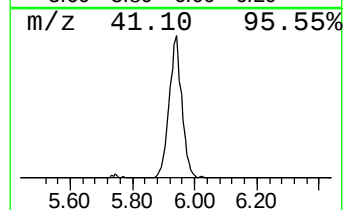
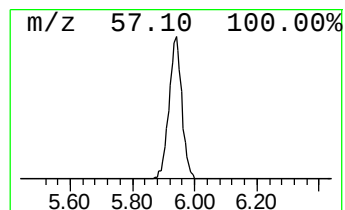
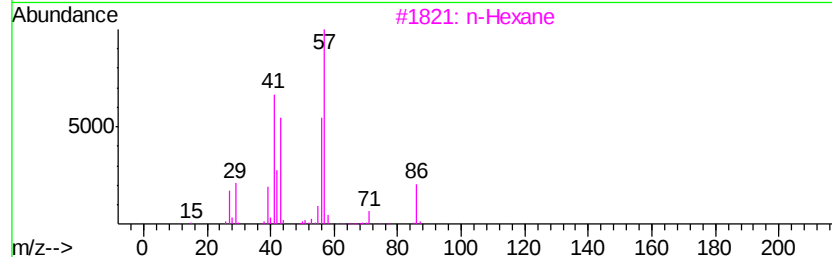
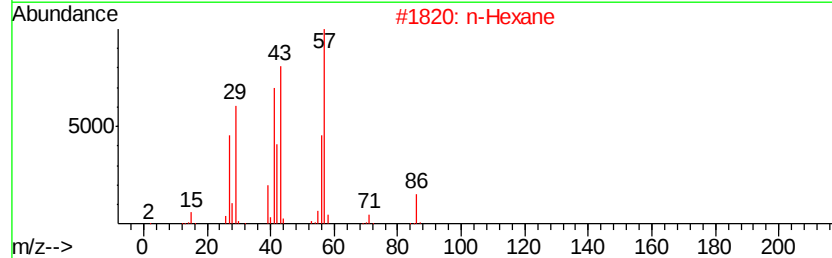
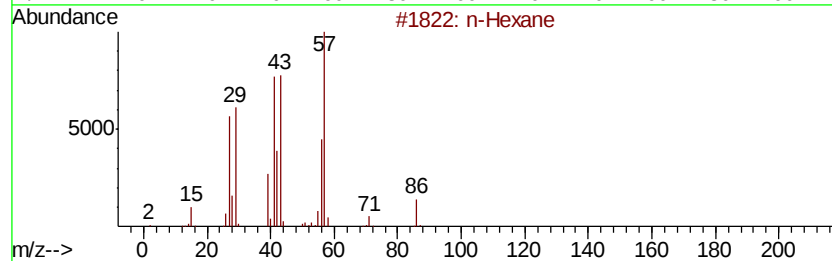
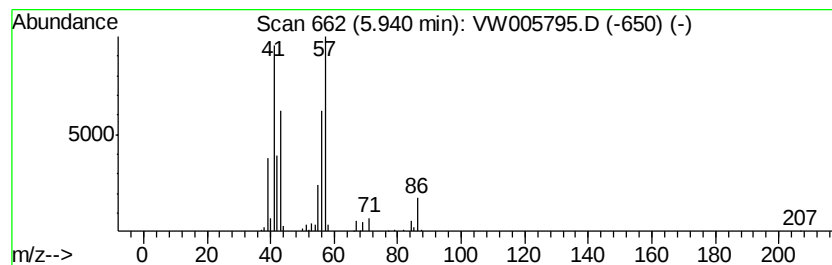
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	4.22 ug/L	86493	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	86
2		n-Hexane	86	C6H14	000110-54-3	78
3		n-Hexane	86	C6H14	000110-54-3	58
4		Cyclohexane	84	C6H12	000110-82-7	43
5		3-Buten-1-ol, 3-methyl-	86	C5H10O	000763-32-6	43



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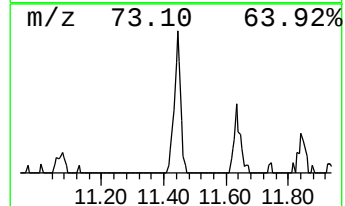
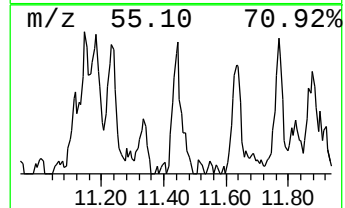
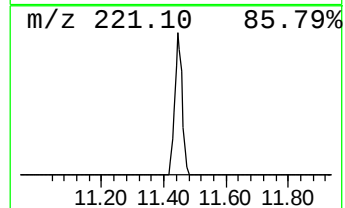
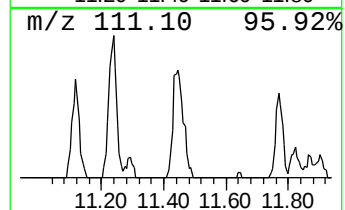
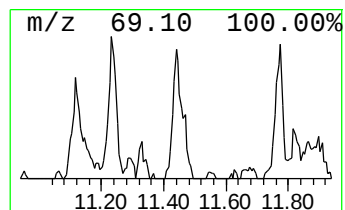
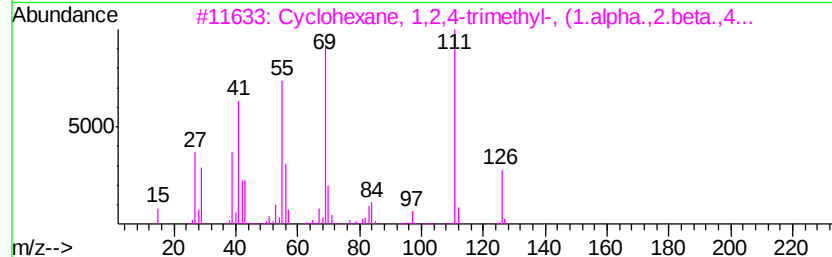
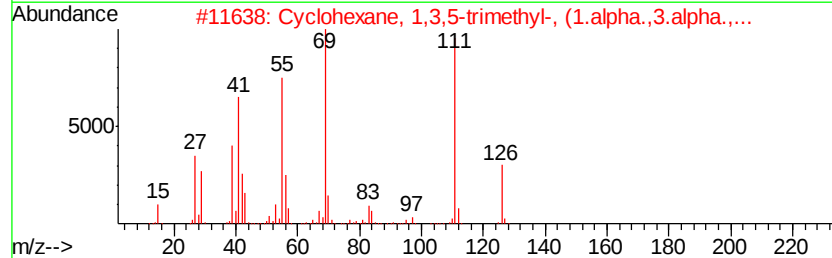
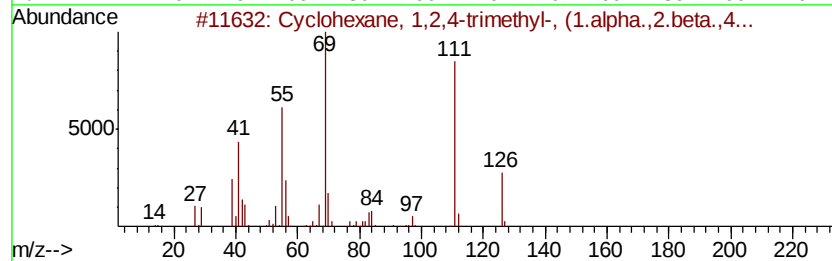
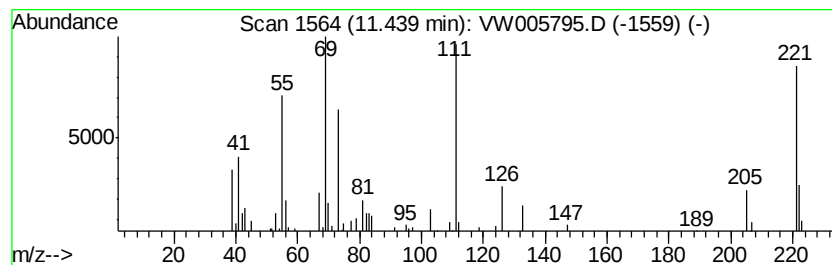
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis

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

Peak Number 3 Cyclohexane, 1,2,4-trimethy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	1.45 ug/L	28077	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	87
2		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	55
3		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	55
4		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	46
5		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	46



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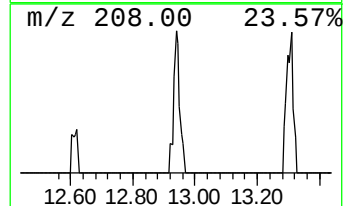
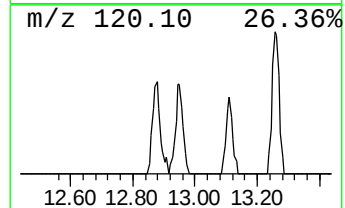
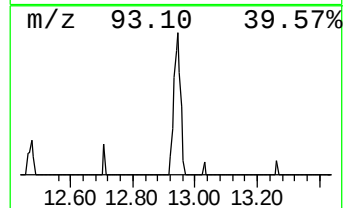
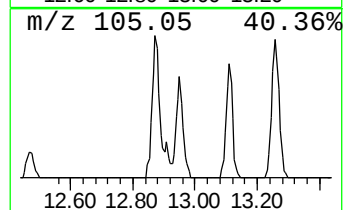
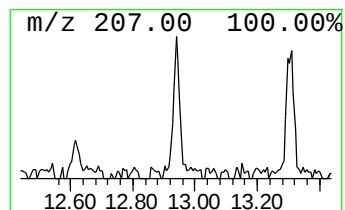
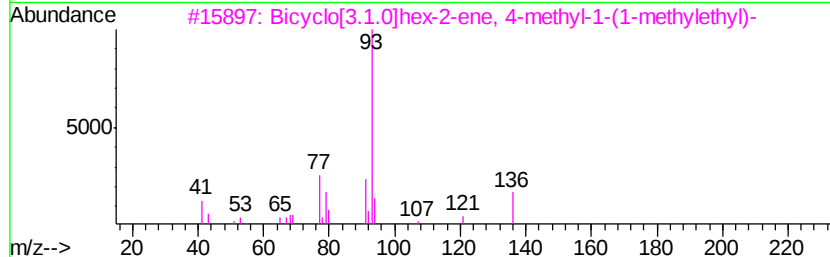
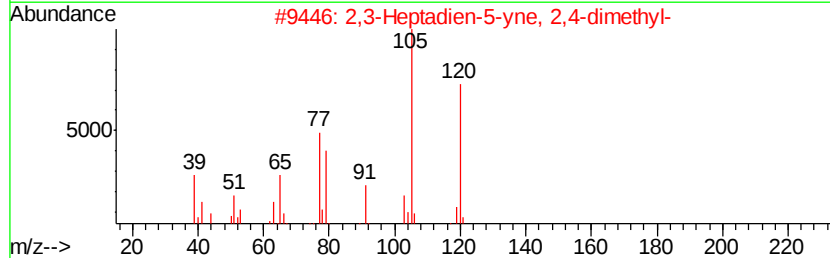
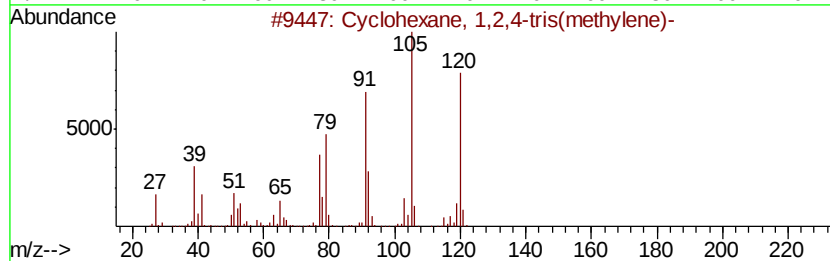
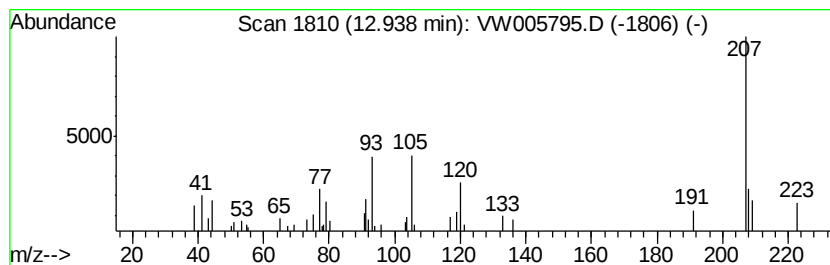
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Quant Title : VOC Analysis

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

Peak Number 5 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	1.50 ug/L	15627	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2,4-tris(methylene)-	120	C9H12	014296-81-2	15
2		2,3-Heptadien-5-yne, 2,4-dimethyl-	120	C9H12	041898-89-9	15
3		Bicyclo[3.1.0]hex-2-ene, 4-methyl-	136	C10H16	028634-89-1	14
4		1,3-Cyclopentadiene, 5-(1-methyl-)	120	C9H12	003141-02-4	11
5		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	11



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100218\
Data File : VW005795.D
Acq On : 03 Oct 2018 00:44
Operator : SY/AP
Sample : J5182-08
Misc : 2.74G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLC57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.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
(DEL) Alkane: Str...	5.94	4.2	ug/L	86493	1	8.85	511874	25.0
Cyclohexane, 1,2,...	11.44	1.5	ug/L	28077	2	11.63	483225	25.0
unknown-01	12.94	1.5	ug/L	15627	3	13.57	260978	25.0