

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\
 Data File : VW009873.D
 Acq On : 10 Apr 2019 10:06
 Operator : SY/VA
 Sample : K2259-05RE
 Misc : 5.21G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETJ44RE

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\SOM2WLM040319S.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	37	42	49	rBV4	13065	32592	1.65%	0.262%
2	2.361	68	75	86	rBV	153773	343091	17.35%	2.758%
3	2.452	88	90	97	rVB4	12607	22356	1.13%	0.180%
4	2.574	107	110	116	rBV5	5872	10956	0.55%	0.088%
5	2.897	156	163	179	rVB	80774	233687	11.82%	1.878%
6	3.379	235	242	252	rVB2	76102	175124	8.86%	1.408%
7	3.842	312	318	330	rBV7	6653	17233	0.87%	0.139%
8	4.007	335	345	382	rVB	196550	685051	34.65%	5.506%
9	4.379	403	406	409	rVV4	1451	2437	0.12%	0.020%
10	4.720	457	462	463	rBV4	1041	1564	0.08%	0.013%
11	4.909	482	493	518	rVV4	42830	197627	10.00%	1.588%
12	5.104	521	525	526	rBV4	1135	1195	0.06%	0.010%
13	5.403	568	574	576	rBV4	2656	4347	0.22%	0.035%
14	5.428	576	578	581	rVB4	2079	2713	0.14%	0.022%
15	5.617	604	609	614	rVB5	710	1290	0.07%	0.010%
16	5.769	629	634	635	rBV4	1348	1814	0.09%	0.015%
17	5.866	646	650	651	rBV2	1520	1803	0.09%	0.014%
18	5.934	651	661	670	rVV4	27794	85105	4.30%	0.684%
19	6.080	680	685	686	rBV5	1238	2153	0.11%	0.017%
20	6.104	686	689	692	rVV3	1343	2102	0.11%	0.017%
21	6.226	702	709	711	rBV5	2017	3367	0.17%	0.027%
22	6.976	824	832	841	rBV5	11361	30619	1.55%	0.246%
23	7.080	841	849	869	rVV	53546	165212	8.36%	1.328%
24	7.464	906	912	913	rBV4	1113	1949	0.10%	0.016%
25	7.537	919	924	930	rVB6	1387	3315	0.17%	0.027%
26	7.647	930	942	953	rBV	371710	878815	44.45%	7.064%
27	7.921	981	987	988	rBV5	3841	5559	0.28%	0.045%
28	8.159	1020	1026	1032	rVB7	3974	8546	0.43%	0.069%
29	8.275	1032	1045	1062	rBV2	616675	1977232	100.00%	15.892%
30	8.427	1067	1070	1071	rBV3	1612	1679	0.08%	0.013%
31	8.567	1089	1093	1100	rVB7	3903	7299	0.37%	0.059%
32	8.695	1107	1114	1119	rBV3	12822	26140	1.32%	0.210%
33	8.842	1129	1138	1149	rBV	616348	1203322	60.86%	9.672%
34	9.024	1166	1168	1169	rBV2	1224	1241	0.06%	0.010%

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35	9.152	1186	1189	1191	rVB3	1234	1300	0.07%	0.010%
36	9.195	1191	1196	1198	rBV4	907	1168	0.06%	0.009%
37	9.274	1200	1209	1217	rBV	458739	931843	47.13%	7.490%
38	9.506	1243	1247	1249	rBV4	3334	5045	0.26%	0.041%
39	9.652	1269	1271	1278	rVB7	1707	3252	0.16%	0.026%
40	9.762	1282	1289	1290	rBV6	2432	4746	0.24%	0.038%
41	9.896	1306	1311	1314	rVB4	2721	3855	0.19%	0.031%
42	9.957	1317	1321	1324	rBV6	2132	3486	0.18%	0.028%
43	10.036	1326	1334	1341	rBV	192675	349297	17.67%	2.808%
44	10.238	1365	1367	1371	rVB4	1320	1861	0.09%	0.015%
45	10.323	1372	1381	1388	rBV	761414	1318058	66.66%	10.594%
46	10.384	1388	1391	1397	rVB	15319	28464	1.44%	0.229%
47	10.506	1405	1411	1416	rVB9	6096	12723	0.64%	0.102%
48	10.579	1416	1423	1432	rBV	114322	198383	10.03%	1.595%
49	10.664	1432	1437	1439	rBV6	2419	3453	0.17%	0.028%
50	10.701	1441	1443	1449	rVB3	3888	4673	0.24%	0.038%
51	10.853	1463	1468	1474	rBV5	9270	17599	0.89%	0.141%
52	10.927	1474	1480	1491	rBV2	180927	330714	16.73%	2.658%
53	11.079	1501	1505	1507	rBV4	2100	3092	0.16%	0.025%
54	11.176	1517	1521	1527	rVB7	3838	5537	0.28%	0.045%
55	11.231	1527	1530	1532	rBV4	1807	2361	0.12%	0.019%
56	11.493	1569	1573	1574	rBV4	1062	1285	0.06%	0.010%
57	11.512	1574	1576	1580	rVV5	1988	2553	0.13%	0.021%
58	11.554	1580	1583	1587	rVV6	1189	2064	0.10%	0.017%
59	11.634	1587	1596	1606	rVV	690291	1169179	59.13%	9.397%
60	11.731	1607	1612	1617	rVV3	8377	16261	0.82%	0.131%
61	11.786	1620	1621	1624	rBV2	1084	1424	0.07%	0.011%
62	11.835	1624	1629	1638	rVV4	13289	30451	1.54%	0.245%
63	11.926	1641	1644	1650	rVV8	3225	7850	0.40%	0.063%
64	11.975	1650	1652	1656	rVB5	2772	2805	0.14%	0.023%
65	12.170	1679	1684	1688	rVV7	3376	5690	0.29%	0.046%
66	12.341	1707	1712	1713	rBV4	1524	2246	0.11%	0.018%
67	12.377	1716	1718	1722	rVB4	1159	1204	0.06%	0.010%
68	12.463	1728	1732	1733	rBV3	2869	2922	0.15%	0.023%
69	12.609	1750	1756	1762	rVV	6793	11365	0.57%	0.091%
70	12.695	1763	1770	1778	rVB	306425	488570	24.71%	3.927%
71	12.871	1794	1799	1802	rBV7	3512	6191	0.31%	0.050%

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72	12.896	1802	1803	1806	rVV3	2748	2708	0.14%	0.022%
73	12.932	1806	1809	1817	rVB8	3249	6407	0.32%	0.051%
74	12.993	1817	1819	1824	rVB3	1029	1566	0.08%	0.013%
75	13.048	1824	1828	1831	rBV3	1124	1526	0.08%	0.012%
76	13.097	1833	1836	1837	rBV3	1082	1199	0.06%	0.010%
77	13.188	1846	1851	1852	rBV4	2264	2804	0.14%	0.023%
78	13.255	1857	1862	1865	rVV6	2833	5559	0.28%	0.045%
79	13.383	1878	1883	1884	rBV4	2291	2955	0.15%	0.024%
80	13.414	1884	1888	1892	rVB5	3079	4219	0.21%	0.034%
81	13.481	1894	1899	1901	rBV5	2805	4972	0.25%	0.040%
82	13.560	1906	1912	1919	rBV	360237	575614	29.11%	4.627%
83	13.707	1932	1936	1938	rVB5	1321	1546	0.08%	0.012%
84	13.755	1941	1944	1950	rBV7	2223	5486	0.28%	0.044%
85	13.853	1953	1960	1972	rBV	372067	612151	30.96%	4.920%
86	13.950	1974	1976	1978	rBV3	1590	1325	0.07%	0.011%
87	14.072	1992	1996	2003	rVB2	7942	14256	0.72%	0.115%
88	14.328	2033	2038	2042	rBV6	4546	8577	0.43%	0.069%
89	14.633	2086	2088	2090	rVB3	1795	1454	0.07%	0.012%
90	14.725	2099	2103	2107	rVB6	2195	3455	0.17%	0.028%
91	15.164	2172	2175	2176	rBV2	1822	1476	0.07%	0.012%
92	15.182	2176	2178	2182	rVB5	1362	1589	0.08%	0.013%
93	15.444	2212	2221	2226	rBV3	16631	36186	1.83%	0.291%
94	15.505	2228	2231	2238	rVB	5843	9650	0.49%	0.078%
95	15.804	2275	2280	2286	rBV9	3411	6773	0.34%	0.054%
96	15.944	2301	2303	2306	rBV3	941	1139	0.06%	0.009%
97	16.102	2327	2329	2332	rVB3	1221	1420	0.07%	0.011%
98	16.133	2332	2334	2336	rBV3	1594	1455	0.07%	0.012%
99	16.151	2336	2337	2341	rBV4	1202	1379	0.07%	0.011%
100	16.377	2372	2374	2377	rBV3	1047	1203	0.06%	0.010%

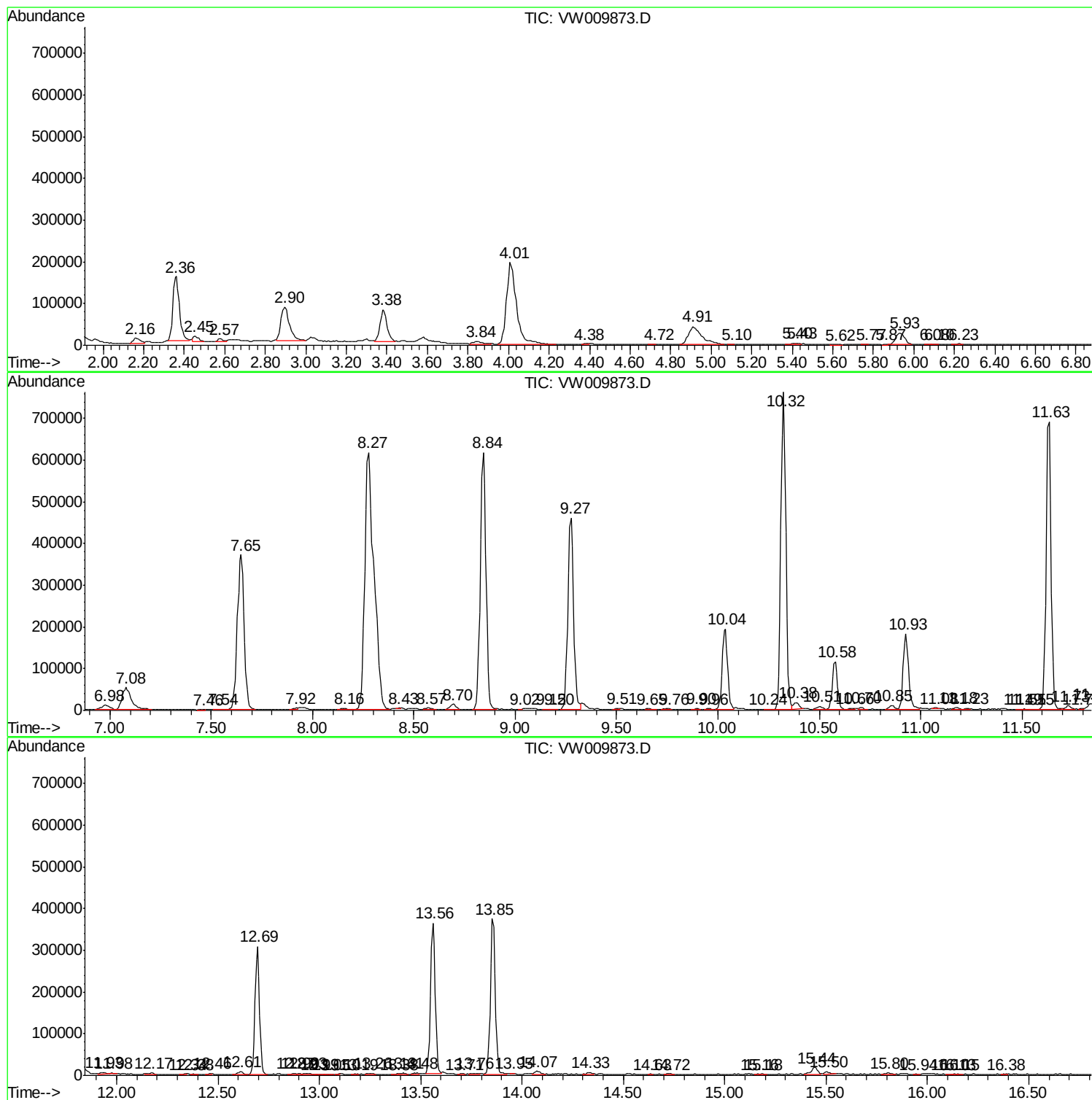
Sum of corrected areas: 12441554

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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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



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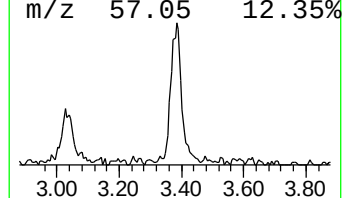
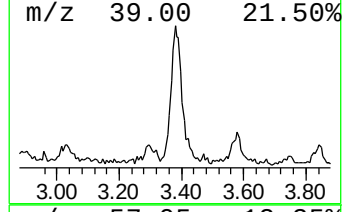
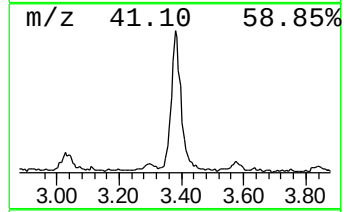
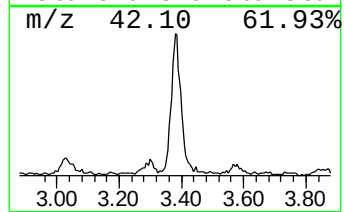
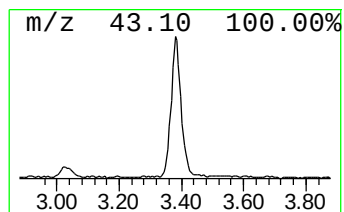
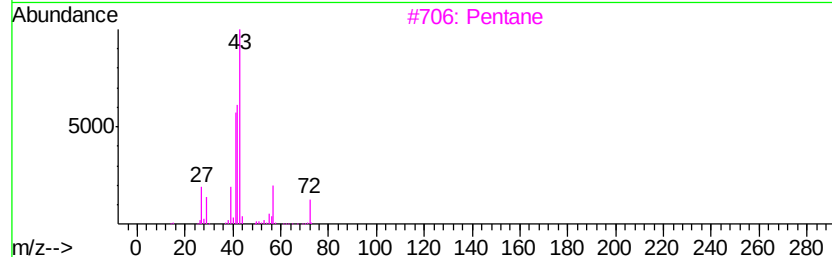
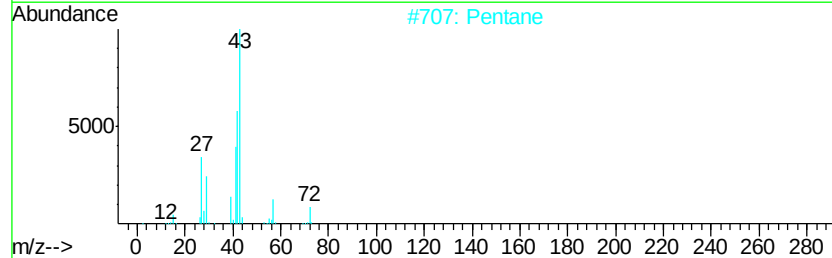
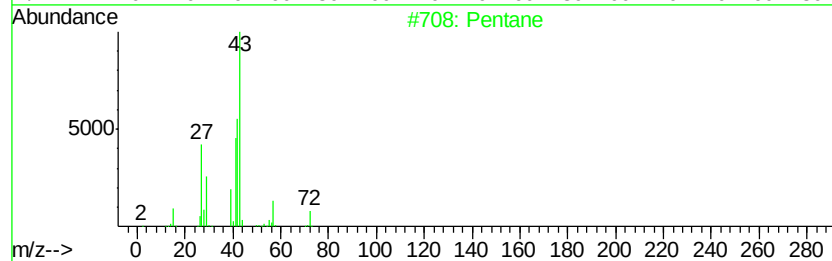
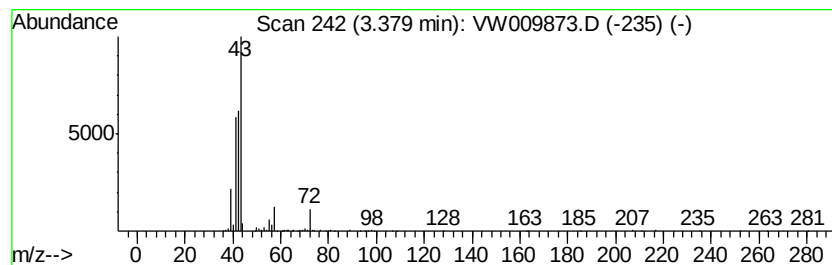
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	3.64 ug/L	175124	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	86
2		Pentane	72	C5H12	000109-66-0	86
3		Pentane	72	C5H12	000109-66-0	72
4		Pentane	72	C5H12	000109-66-0	64
5		Butane, 2-methyl-	72	C5H12	000078-78-4	42



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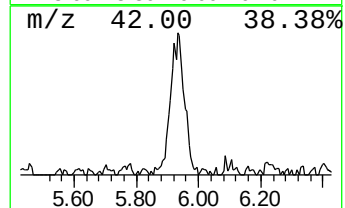
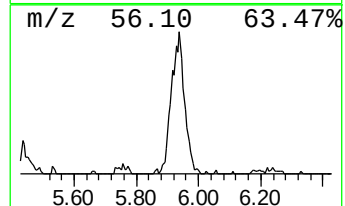
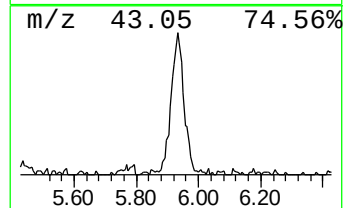
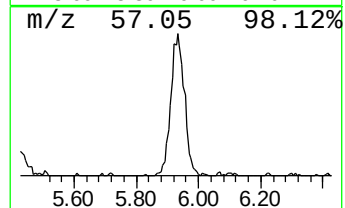
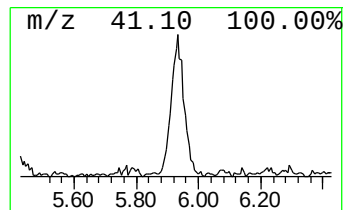
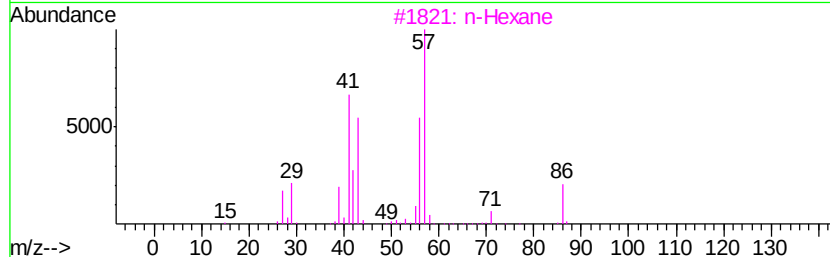
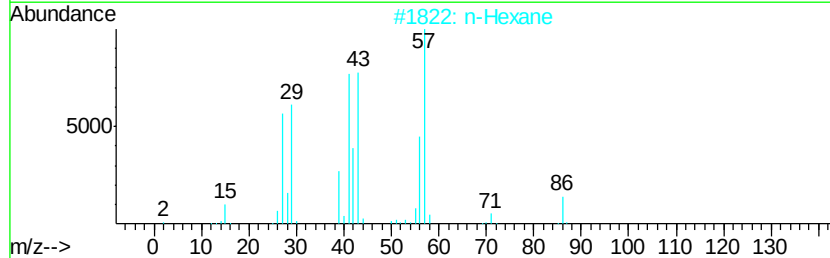
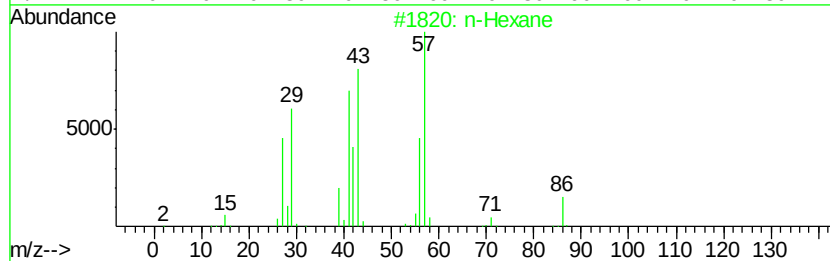
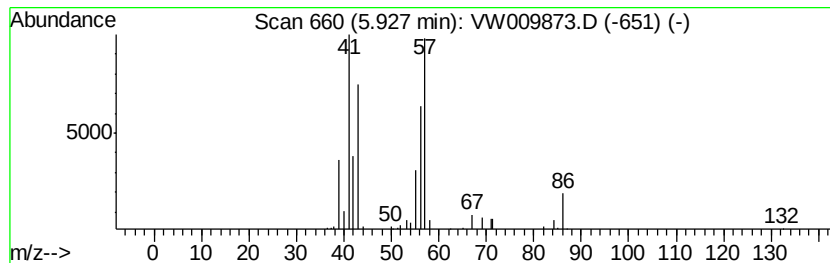
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	1.77 ug/L	85105	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	72
2		n-Hexane	86	C6H14	000110-54-3	72
3		n-Hexane	86	C6H14	000110-54-3	72
4		trans-2,3-Epoxyoctane	128	C8H16O	028180-70-3	43
5		1-Propene, 2-methyl-	56	C4H8	000115-11-7	38



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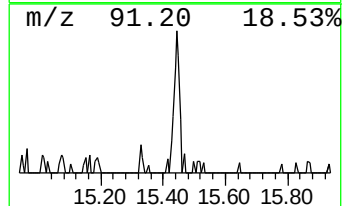
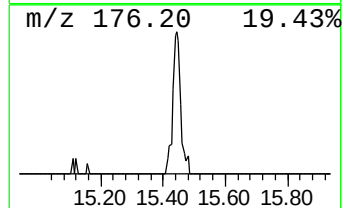
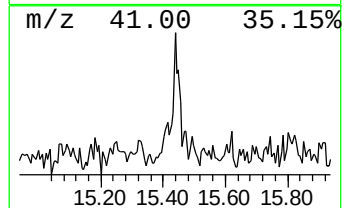
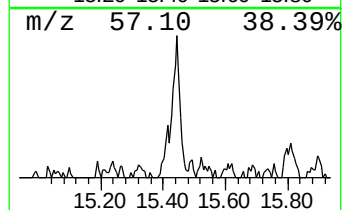
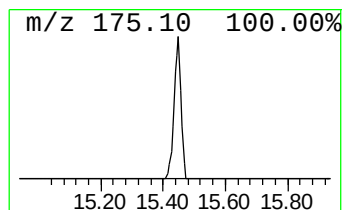
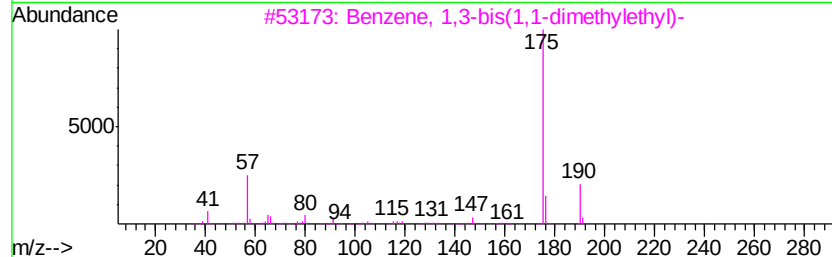
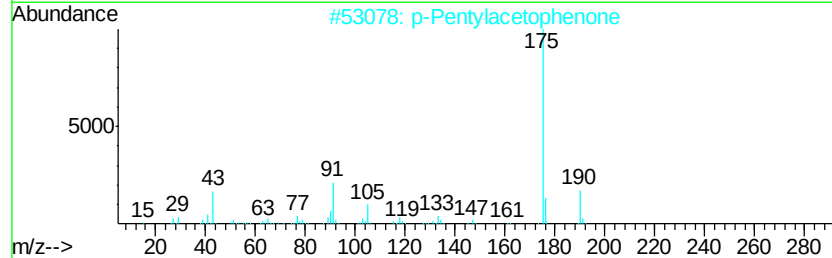
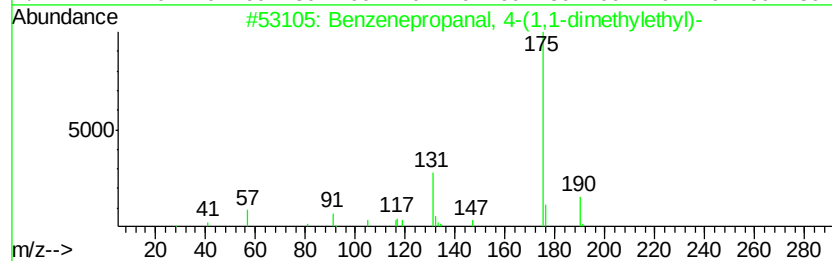
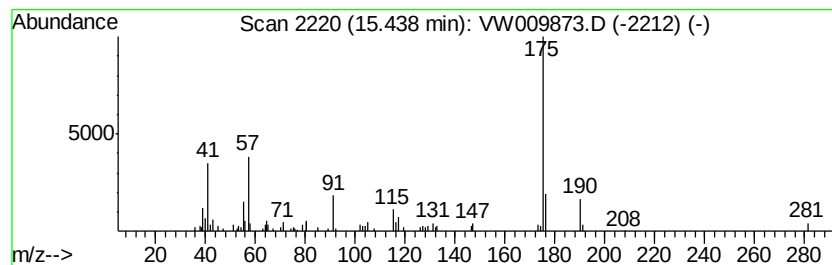
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzenepropanal, 4-(1,1-dim... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.57 ug/L	36186	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	72
2		p-Pentylacetophenone	190	C13H18O	037593-02-5	72
3		Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	64
4		Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	64
5		Benzene, 1,3-diethyl-2,4,5,6-tet...	190	C14H22	033781-72-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
Data File : VW009873.D
Acq On : 10 Apr 2019 10:06
Operator : SY/VA
Sample : K2259-05RE
Misc : 5.21G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETJ44RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.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...	3.38	3.6	ug/L	175124	1	8.84	1203320	25.0
(DEL) Alkane: Str...	5.93	1.8	ug/L	85105	1	8.84	1203320	25.0
Benzenepropanal, ...	15.44	1.6	ug/L	36186	3	13.56	575614	25.0