

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121819\
 Data File : VW014425.D
 Acq On : 18 Dec 2019 11:55
 Operator : SY/VA
 Sample : K6270-12
 Misc : 5.40G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK88

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\SOM2WLM120519S.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	1.965	7	10	35	rVB2	120191	317507	8.37%	1.044%
2	2.172	37	44	61	rBV2	60789	184126	4.85%	0.606%
3	2.349	67	73	84	rBV2	322128	647984	17.07%	2.131%
4	2.885	154	161	175	rVB	190503	455154	11.99%	1.497%
5	3.025	177	184	195	rVB2	69351	173784	4.58%	0.572%
6	3.288	226	227	230	rVB3	1839	1063	0.03%	0.003%
7	3.385	235	243	256	rVV2	68355	184363	4.86%	0.606%
8	3.525	264	266	267	rBV2	1178	1083	0.03%	0.004%
9	4.019	334	347	370	rBV	376084	1288093	33.94%	4.237%
10	4.940	478	498	500	rBV4	38833	134210	3.54%	0.441%
11	5.427	567	578	588	rBV4	17706	62183	1.64%	0.205%
12	5.598	603	606	610	rVB3	935	1501	0.04%	0.005%
13	5.769	632	634	638	rBV3	1172	1982	0.05%	0.007%
14	5.940	646	662	673	rBV2	44607	138087	3.64%	0.454%
15	6.116	687	691	692	rVV3	1046	1428	0.04%	0.005%
16	6.190	699	703	705	rBV3	1027	1602	0.04%	0.005%
17	6.226	705	709	714	rVV5	1489	2568	0.07%	0.008%
18	6.275	714	717	721	rVV3	960	1220	0.03%	0.004%
19	6.708	784	788	790	rBV3	1237	1650	0.04%	0.005%
20	6.848	807	811	812	rBV4	1184	1711	0.05%	0.006%
21	6.878	812	816	817	rBV4	1010	1250	0.03%	0.004%
22	6.982	825	833	840	rBV4	18995	53405	1.41%	0.176%
23	7.074	840	848	855	rBV2	93727	263332	6.94%	0.866%
24	7.500	915	918	920	rBV2	1145	1657	0.04%	0.005%
25	7.647	931	942	952	rBV	613039	1503817	39.62%	4.946%
26	7.866	974	978	979	rBV4	1668	1861	0.05%	0.006%
27	7.927	979	988	989	rBV2	22325	44489	1.17%	0.146%
28	8.031	999	1005	1016	rVB5	9318	25308	0.67%	0.083%
29	8.153	1016	1025	1032	rBV3	22488	50027	1.32%	0.165%
30	8.274	1032	1045	1062	rBV2	1261726	3795595	100.00%	12.485%
31	8.409	1065	1067	1068	rBV2	2646	1729	0.05%	0.006%
32	8.506	1079	1083	1087	rVV6	5211	8508	0.22%	0.028%
33	8.567	1087	1093	1100	rVB4	10973	24125	0.64%	0.079%
34	8.695	1106	1114	1126	rVB	51935	108292	2.85%	0.356%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Title : VOC Analysis

35	8.841	1128	1138	1150	rBV	1364424	2682416	70.67%	8.823%
36	9.073	1169	1176	1183	rVB7	5927	13052	0.34%	0.043%
37	9.128	1183	1185	1189	rVB6	829	1011	0.03%	0.003%
38	9.159	1189	1190	1194	rVB3	1312	1117	0.03%	0.004%
39	9.274	1196	1209	1215	rBV	839593	1744932	45.97%	5.740%
40	9.329	1216	1218	1235	rVB2	68572	131877	3.47%	0.434%
41	9.457	1237	1239	1242	rVB3	1354	1209	0.03%	0.004%
42	9.512	1242	1248	1254	rBV5	7592	16436	0.43%	0.054%
43	9.573	1256	1258	1259	rBV2	1144	1060	0.03%	0.003%
44	9.604	1259	1263	1268	rBV8	5450	9309	0.25%	0.031%
45	9.658	1268	1272	1281	rVB7	3665	7917	0.21%	0.026%
46	9.750	1281	1287	1296	rVB6	7907	16178	0.43%	0.053%
47	9.896	1307	1311	1314	rBV4	4889	8543	0.23%	0.028%
48	9.957	1314	1321	1327	rBV2	25314	55312	1.46%	0.182%
49	10.030	1327	1333	1341	rBV	429609	755610	19.91%	2.485%
50	10.207	1358	1362	1366	rBV6	2680	4539	0.12%	0.015%
51	10.323	1372	1381	1387	rBV	1758025	3113570	82.03%	10.241%
52	10.384	1387	1391	1398	rVB	228906	404653	10.66%	1.331%
53	10.506	1404	1411	1416	rVB	56438	101174	2.67%	0.333%
54	10.573	1416	1422	1432	rBV	268865	480813	12.67%	1.582%
55	10.658	1433	1436	1440	rVV3	10692	19163	0.50%	0.063%
56	10.701	1440	1443	1448	rVB2	11013	17197	0.45%	0.057%
57	10.756	1448	1452	1464	rVB9	5950	13718	0.36%	0.045%
58	10.853	1464	1468	1473	rVB7	3243	5584	0.15%	0.018%
59	10.920	1473	1479	1492	rBV	392169	698675	18.41%	2.298%
60	11.067	1500	1503	1506	rBV3	5100	5069	0.13%	0.017%
61	11.170	1517	1520	1525	rVV3	13003	19245	0.51%	0.063%
62	11.225	1525	1529	1535	rVB5	12148	21638	0.57%	0.071%
63	11.329	1542	1546	1552	rVB5	6888	12054	0.32%	0.040%
64	11.408	1552	1559	1560	rBV3	10837	15981	0.42%	0.053%
65	11.512	1570	1576	1581	rBV2	12585	21300	0.56%	0.070%
66	11.628	1588	1595	1606	rBV	1881577	3154420	83.11%	10.376%
67	11.731	1606	1612	1619	rVB	65803	111255	2.93%	0.366%
68	11.835	1623	1629	1639	rVB2	117096	220581	5.81%	0.726%
69	12.164	1673	1683	1691	rBV	49143	100983	2.66%	0.332%
70	12.249	1694	1697	1701	rVB2	7976	11305	0.30%	0.037%
71	12.463	1728	1732	1736	rBV4	7724	11751	0.31%	0.039%

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 Title : VOC Analysis

72	12.603	1750	1755	1761	rVB	72715	114083	3.01%	0.375%
73	12.688	1762	1769	1777	rVB	589695	979799	25.81%	3.223%
74	12.774	1777	1783	1784	rBV6	5886	10097	0.27%	0.033%
75	12.865	1792	1798	1801	rBV2	20918	33242	0.88%	0.109%
76	12.932	1804	1809	1816	rVV5	39651	84888	2.24%	0.279%
77	12.987	1816	1818	1823	rVB6	4205	6311	0.17%	0.021%
78	13.103	1830	1837	1843	rBV4	8706	16959	0.45%	0.056%
79	13.164	1843	1847	1853	rVB6	5881	9086	0.24%	0.030%
80	13.249	1855	1861	1866	rBV	47849	78588	2.07%	0.258%
81	13.292	1866	1868	1873	rVB5	7191	10307	0.27%	0.034%
82	13.444	1889	1893	1896	rBV6	3794	6587	0.17%	0.022%
83	13.554	1904	1911	1921	rBV	1773820	2890379	76.15%	9.507%
84	13.755	1940	1944	1946	rBV4	5927	8557	0.23%	0.028%
85	13.853	1953	1960	1974	rVB	1474153	2454694	64.67%	8.074%
86	14.066	1991	1995	2003	rVB2	44298	87289	2.30%	0.287%
87	14.200	2012	2017	2022	rBV7	11260	24099	0.63%	0.079%
88	14.334	2035	2039	2045	rVB9	7739	12383	0.33%	0.041%
89	14.505	2063	2067	2069	rBV5	3556	4695	0.12%	0.015%
90	14.633	2084	2088	2094	rVB9	5869	9417	0.25%	0.031%
91	14.718	2100	2102	2109	rVB5	8084	12950	0.34%	0.043%
92	14.792	2110	2114	2122	rVV6	7421	15646	0.41%	0.051%
93	14.956	2139	2141	2145	rVV5	3048	3765	0.10%	0.012%
94	15.066	2157	2159	2161	rBV3	3083	3155	0.08%	0.010%
95	15.371	2205	2209	2212	rBV2	5369	6943	0.18%	0.023%
96	15.487	2222	2228	2235	rBV6	3570	10280	0.27%	0.034%
97	15.554	2237	2239	2243	rVB3	6399	7028	0.19%	0.023%
98	15.657	2254	2256	2258	rBV3	1446	1371	0.04%	0.005%
99	15.724	2264	2267	2268	rBV3	1671	2034	0.05%	0.007%
100	16.163	2337	2339	2340	rBV2	1731	1755	0.05%	0.006%

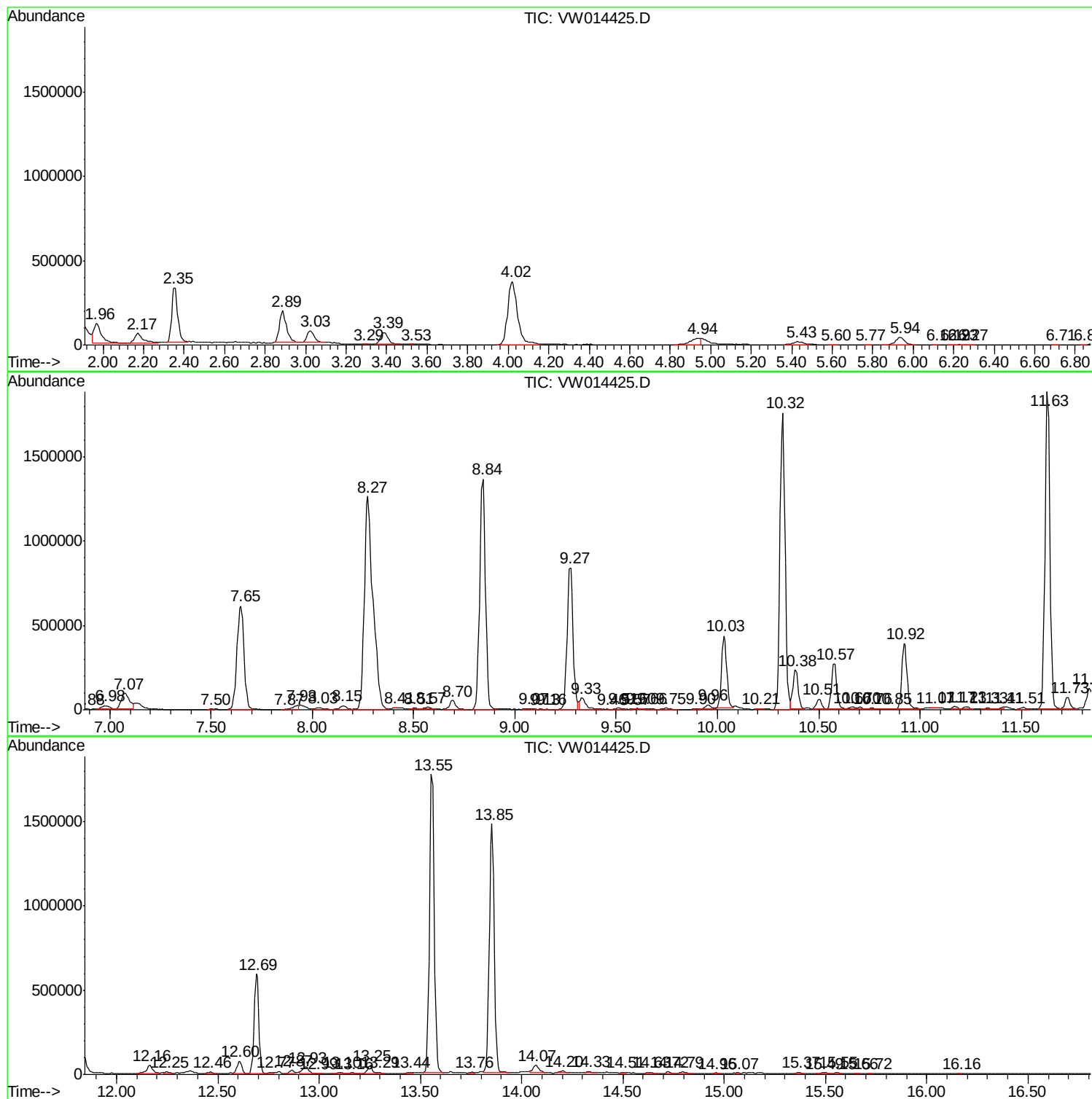
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121819\
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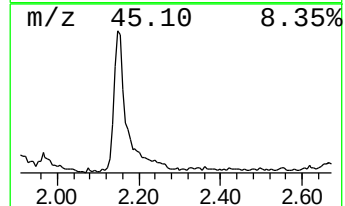
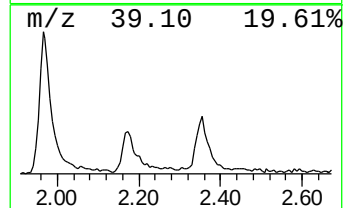
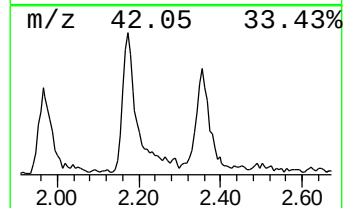
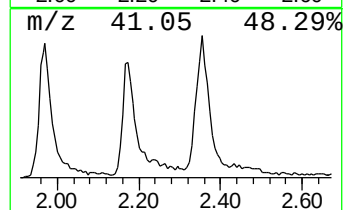
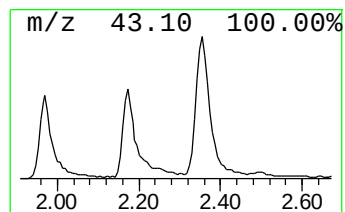
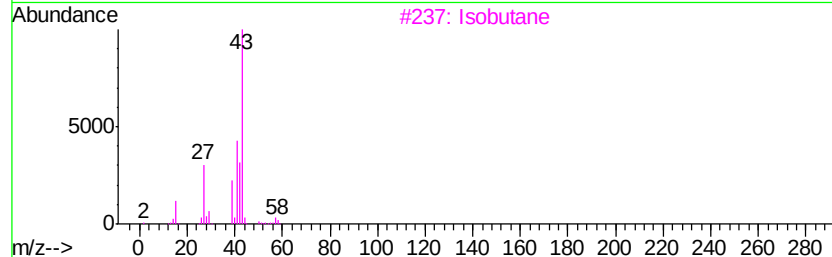
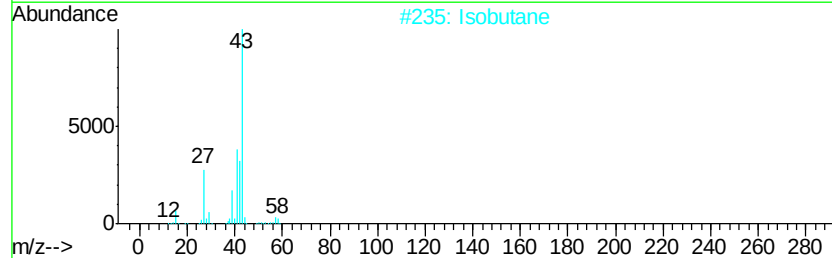
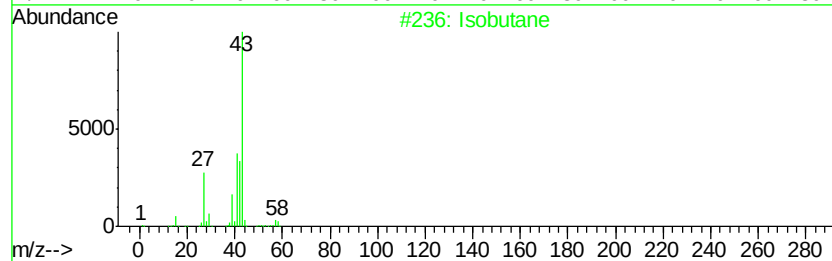
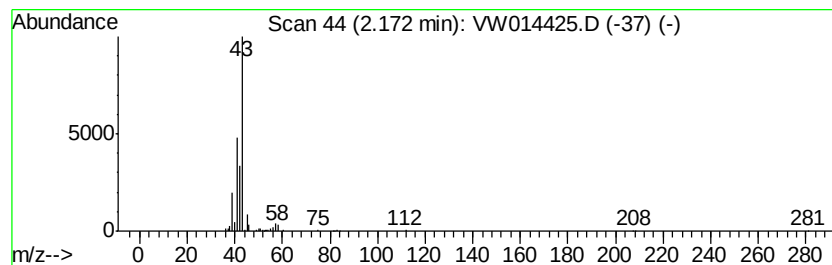
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	1.72 ug/L	184126	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutane	58	C4H10	000075-28-5	59
2		Isobutane	58	C4H10	000075-28-5	53
3		Isobutane	58	C4H10	000075-28-5	42
4		Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	23
5		Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	23



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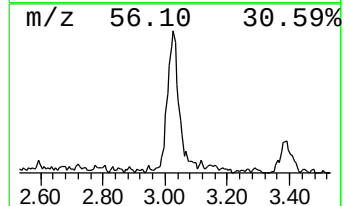
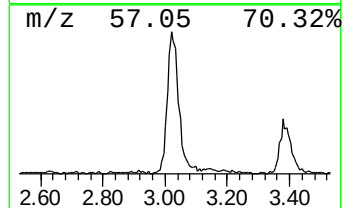
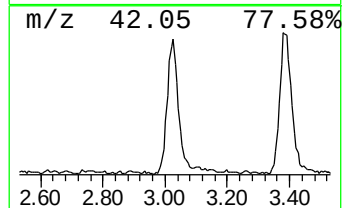
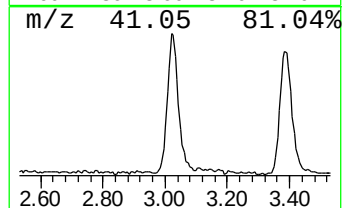
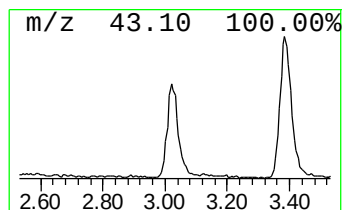
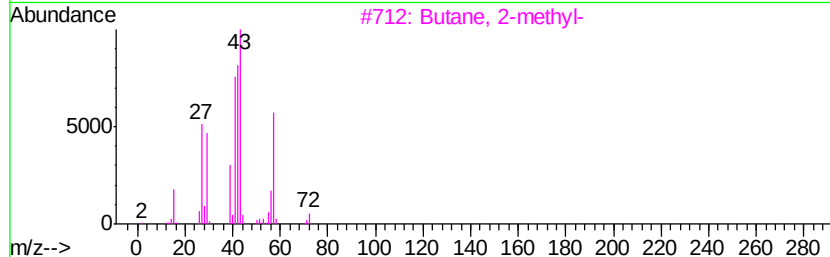
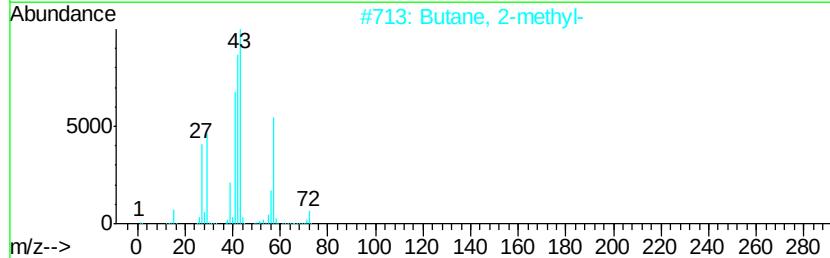
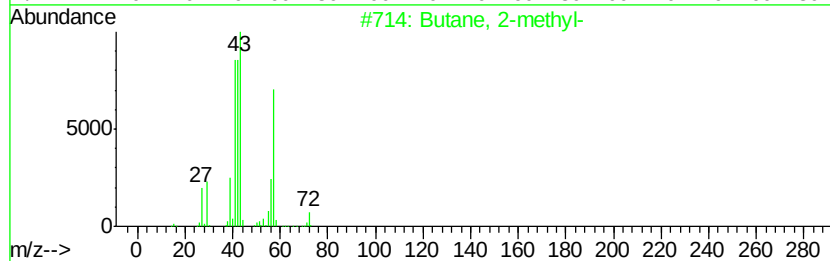
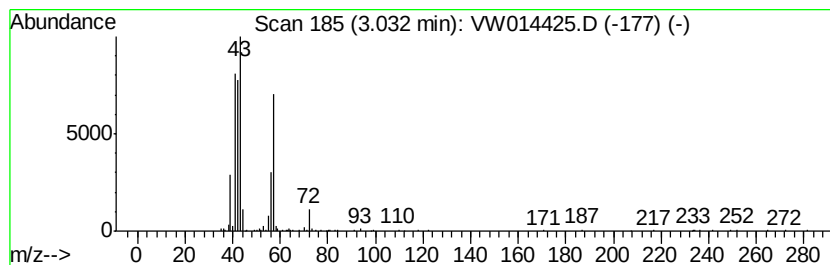
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	1.62 ug/L	173784	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2		Butane, 2-methyl-	72	C5H12	000078-78-4	80
3		Butane, 2-methyl-	72	C5H12	000078-78-4	80
4		Pentane	72	C5H12	000109-66-0	36
5		1,3-Dimethyldiaziridine	72	C3H8N2	026177-36-6	33



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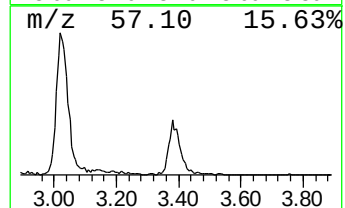
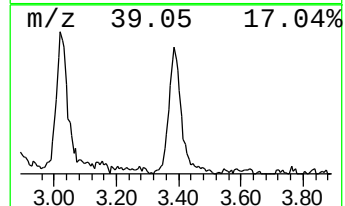
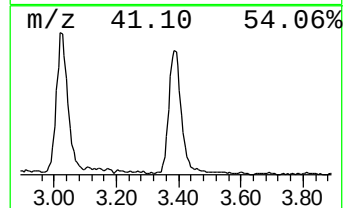
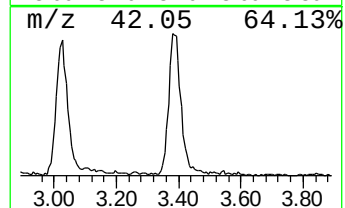
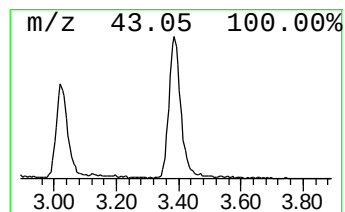
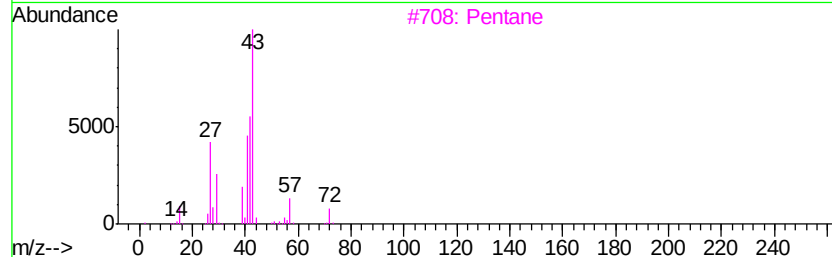
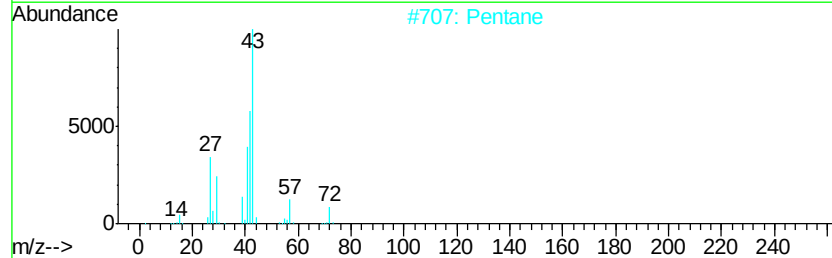
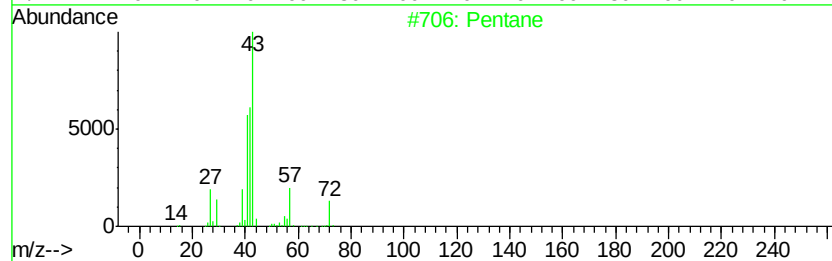
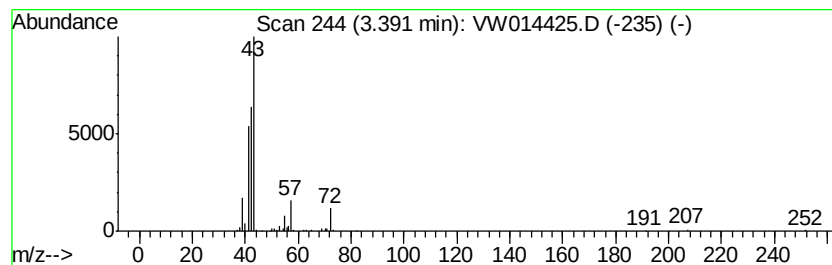
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	1.72 ug/L	184363	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	90
2		Pentane	72	C5H12	000109-66-0	80
3		Pentane	72	C5H12	000109-66-0	80
4		Pentane	72	C5H12	000109-66-0	59
5		Butane, 2-methyl-	72	C5H12	000078-78-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121819\
Data File : VW014425.D
Acq On : 18 Dec 2019 11:55
Operator : SY/VA
Sample : K6270-12
Misc : 5.40G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK88

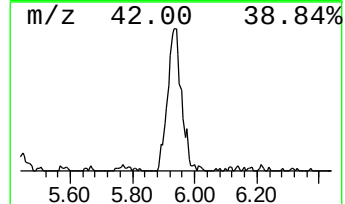
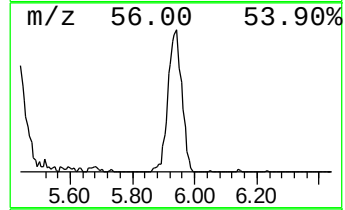
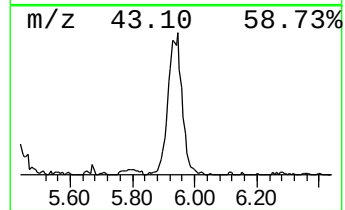
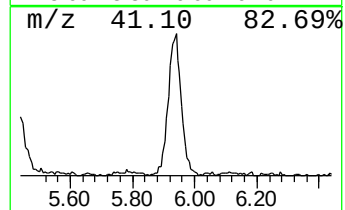
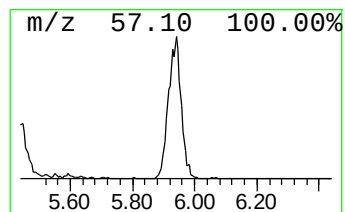
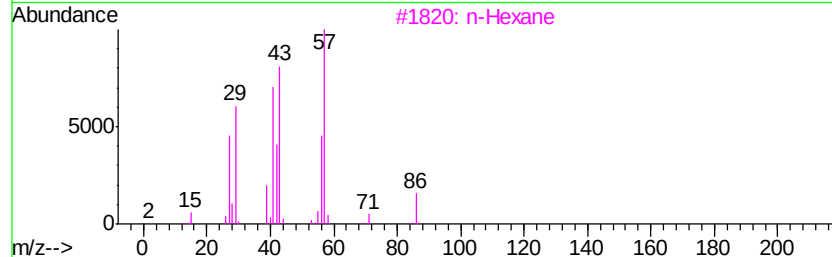
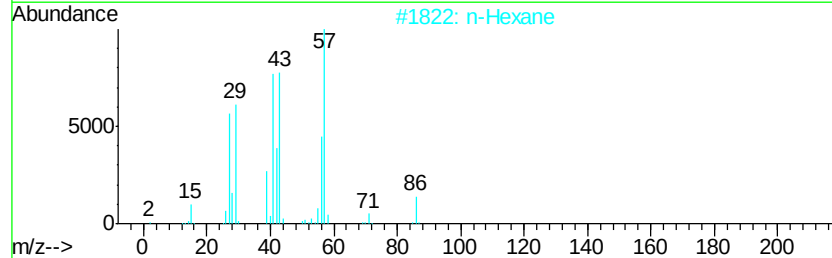
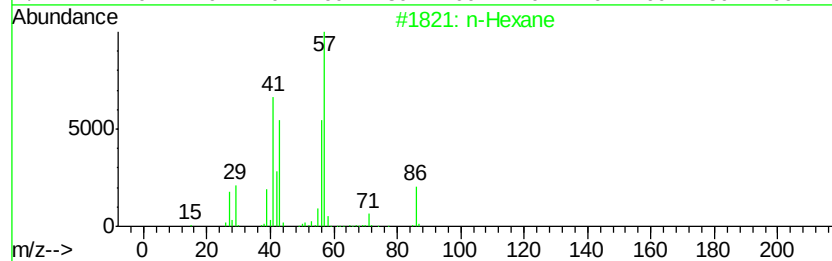
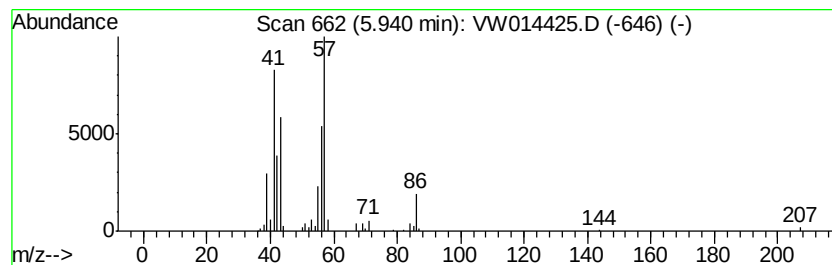
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	1.29 ug/L	138087	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	87
2		n-Hexane	86	C6H14	000110-54-3	86
3		n-Hexane	86	C6H14	000110-54-3	78
4		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	40
5		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	40



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121819\
Data File : VW014425.D
Acq On : 18 Dec 2019 11:55
Operator : SY/VA
Sample : K6270-12
Misc : 5.40G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK88

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

						--Internal Standard--			
TIC Top Hit name		RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...		2.17	1.7	ug/L	184126	1	8.84	2682420	25.0
(DEL) Alkane: Str...		3.03	1.6	ug/L	173784	1	8.84	2682420	25.0
(DEL) Alkane: Str...		3.39	1.7	ug/L	184363	1	8.84	2682420	25.0
(DEL) Alkane: Str...		5.94	1.3	ug/L	138087	1	8.84	2682420	25.0