

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
 Data File : VW014391.D
 Acq On : 17 Dec 2019 14:37
 Operator : SY/VA
 Sample : K6270-11
 Misc : 4.86G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK87

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	6	10	31	rVB	214355	542688	11.95%	1.374%
2	2.178	37	45	59	rBV2	126513	303833	6.69%	0.769%
3	2.355	66	74	86	rBV	434797	931813	20.52%	2.359%
4	2.886	153	161	175	rBV	212159	538421	11.86%	1.363%
5	3.020	175	183	195	rBV	136590	349505	7.70%	0.885%
6	3.385	235	243	260	rBV2	140595	389510	8.58%	0.986%
7	4.019	334	347	372	rBV	429192	1495999	32.95%	3.787%
8	4.196	375	376	385	rVB6	4868	8393	0.18%	0.021%
9	4.952	475	500	524	rBV5	65381	363574	8.01%	0.920%
10	5.428	562	578	591	rBV3	32952	125275	2.76%	0.317%
11	5.934	650	661	672	rBV2	91574	277949	6.12%	0.704%
12	6.866	807	814	816	rBV3	4094	8233	0.18%	0.021%
13	6.976	823	832	840	rBV2	43076	129526	2.85%	0.328%
14	7.074	840	848	855	rBV	145672	395795	8.72%	1.002%
15	7.641	931	941	957	rBV	709358	1753081	38.61%	4.438%
16	7.927	978	988	989	rBV	48668	97172	2.14%	0.246%
17	8.031	999	1005	1014	rVB4	17857	46390	1.02%	0.117%
18	8.153	1017	1025	1033	rBV2	41867	98606	2.17%	0.250%
19	8.275	1033	1045	1061	rVV2	1454329	4540309	100.00%	11.493%
20	8.427	1061	1070	1077	rVV7	18315	52340	1.15%	0.132%
21	8.500	1077	1082	1087	rVV6	13703	31442	0.69%	0.080%
22	8.573	1087	1094	1101	rVB3	24188	56378	1.24%	0.143%
23	8.689	1106	1113	1121	rBV	108042	217635	4.79%	0.551%
24	8.842	1128	1138	1151	rBV	1409521	2829355	62.32%	7.162%
25	9.073	1170	1176	1184	rVV8	5667	13139	0.29%	0.033%
26	9.268	1199	1208	1215	rBV	975294	2081350	45.84%	5.269%
27	9.329	1215	1218	1234	rVB	139090	289532	6.38%	0.733%
28	9.512	1242	1248	1255	rVB5	15891	29723	0.65%	0.075%
29	9.604	1255	1263	1268	rBV5	12507	29271	0.64%	0.074%
30	9.750	1281	1287	1294	rVB3	15770	34663	0.76%	0.088%
31	9.896	1304	1311	1314	rBV3	11238	21753	0.48%	0.055%
32	9.951	1314	1320	1326	rVV2	52227	107608	2.37%	0.272%
33	10.031	1326	1333	1340	rVV	522750	955019	21.03%	2.417%
34	10.092	1340	1343	1355	rVB2	35580	79691	1.76%	0.202%

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Integrator: RTE
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 Title : VOC Analysis

35	10.207	1357	1362	1372	rVB8	5303	14746	0.32%	0.037%
36	10.323	1372	1381	1387	rBV	2036703	3692616	81.33%	9.347%
37	10.384	1387	1391	1398	rVV	388605	680726	14.99%	1.723%
38	10.439	1398	1400	1403	rVV4	11323	17004	0.37%	0.043%
39	10.500	1403	1410	1416	rVV	129872	235391	5.18%	0.596%
40	10.573	1416	1422	1431	rVV	337953	606642	13.36%	1.536%
41	10.659	1432	1436	1440	rVV2	26764	52338	1.15%	0.132%
42	10.701	1440	1443	1448	rVV3	15603	26000	0.57%	0.066%
43	10.756	1448	1452	1461	rVB5	12921	24489	0.54%	0.062%
44	10.854	1463	1468	1471	rVB5	5567	9953	0.22%	0.025%
45	10.921	1471	1479	1493	rBV	649438	1133830	24.97%	2.870%
46	11.030	1494	1497	1500	rVV3	9741	17560	0.39%	0.044%
47	11.067	1500	1503	1506	rVV5	12045	22416	0.49%	0.057%
48	11.104	1506	1509	1513	rVV5	13722	24543	0.54%	0.062%
49	11.177	1516	1521	1525	rVV	36759	65678	1.45%	0.166%
50	11.225	1525	1529	1534	rVV3	23456	44316	0.98%	0.112%
51	11.335	1542	1547	1552	rVV4	17133	28452	0.63%	0.072%
52	11.427	1552	1562	1570	rVB6	27140	87798	1.93%	0.222%
53	11.506	1570	1575	1581	rBV2	20196	37920	0.84%	0.096%
54	11.628	1587	1595	1606	rBV	1932828	3253291	71.65%	8.235%
55	11.725	1606	1611	1619	rVV	135833	241953	5.33%	0.612%
56	11.835	1619	1629	1638	rVV2	259647	548503	12.08%	1.388%
57	11.914	1639	1642	1647	rVV5	17339	28637	0.63%	0.072%
58	11.975	1647	1652	1655	rVB7	4516	8131	0.18%	0.021%
59	12.164	1670	1683	1689	rBV	99227	204590	4.51%	0.518%
60	12.250	1693	1697	1701	rVV5	12278	21241	0.47%	0.054%
61	12.359	1708	1715	1724	rVV8	31530	99257	2.19%	0.251%
62	12.463	1727	1732	1736	rVV2	17263	31718	0.70%	0.080%
63	12.500	1736	1738	1742	rVV5	5670	8753	0.19%	0.022%
64	12.609	1750	1756	1761	rVV	139137	235928	5.20%	0.597%
65	12.689	1763	1769	1778	rVB	825709	1346477	29.66%	3.408%
66	12.798	1781	1787	1792	rVB	24877	47607	1.05%	0.121%
67	12.865	1792	1798	1801	rBV	49396	83060	1.83%	0.210%
68	12.932	1805	1809	1815	rVB2	80222	152325	3.35%	0.386%
69	12.987	1815	1818	1823	rVB6	8791	13468	0.30%	0.034%
70	13.103	1829	1837	1843	rBV3	26968	53923	1.19%	0.136%
71	13.164	1843	1847	1854	rVB7	7867	15678	0.35%	0.040%

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72	13.249	1855	1861	1866	rBV	122943	199564	4.40%	0.505%
73	13.292	1866	1868	1877	rVB6	15316	23538	0.52%	0.060%
74	13.378	1878	1882	1887	rBV5	7690	15024	0.33%	0.038%
75	13.438	1887	1892	1896	rBV5	10814	18879	0.42%	0.048%
76	13.554	1904	1911	1921	rBV	1813403	2990366	65.86%	7.570%
77	13.652	1921	1927	1930	rVV8	10171	21301	0.47%	0.054%
78	13.707	1932	1936	1940	rVB5	7132	13080	0.29%	0.033%
79	13.749	1940	1943	1946	rBV3	14708	19430	0.43%	0.049%
80	13.792	1947	1950	1952	rVV2	20603	29826	0.66%	0.075%
81	13.853	1953	1960	1973	rVV	1684896	2913340	64.17%	7.375%
82	13.944	1973	1975	1978	rVB2	11894	13249	0.29%	0.034%
83	14.073	1978	1996	2009	rVB4	99386	355011	7.82%	0.899%
84	14.201	2011	2017	2024	rBV3	41622	88213	1.94%	0.223%
85	14.335	2034	2039	2044	rBV6	15474	39610	0.87%	0.100%
86	14.377	2044	2046	2047	rVV2	12985	12184	0.27%	0.031%
87	14.420	2051	2053	2056	rVV3	16479	18766	0.41%	0.048%
88	14.457	2056	2059	2062	rVB	18989	24477	0.54%	0.062%
89	14.499	2062	2066	2069	rBV5	13950	20075	0.44%	0.051%
90	14.633	2086	2088	2093	rVB5	7585	11233	0.25%	0.028%
91	14.725	2093	2103	2108	rVB5	21021	48419	1.07%	0.123%
92	14.792	2108	2114	2121	rBV3	30014	63102	1.39%	0.160%
93	14.957	2137	2141	2145	rBV7	7517	13653	0.30%	0.035%
94	15.072	2154	2160	2162	rBV6	7415	14188	0.31%	0.036%
95	15.176	2173	2177	2182	rVB7	10437	20786	0.46%	0.053%
96	15.316	2195	2200	2203	rBV7	4944	7714	0.17%	0.020%
97	15.365	2204	2208	2213	rVV2	11019	18570	0.41%	0.047%
98	15.493	2222	2229	2234	rVB	15132	32640	0.72%	0.083%
99	16.170	2336	2340	2342	rVV5	4788	8384	0.18%	0.021%
100	16.639	2411	2417	2418	rBV4	5172	8874	0.20%	0.022%

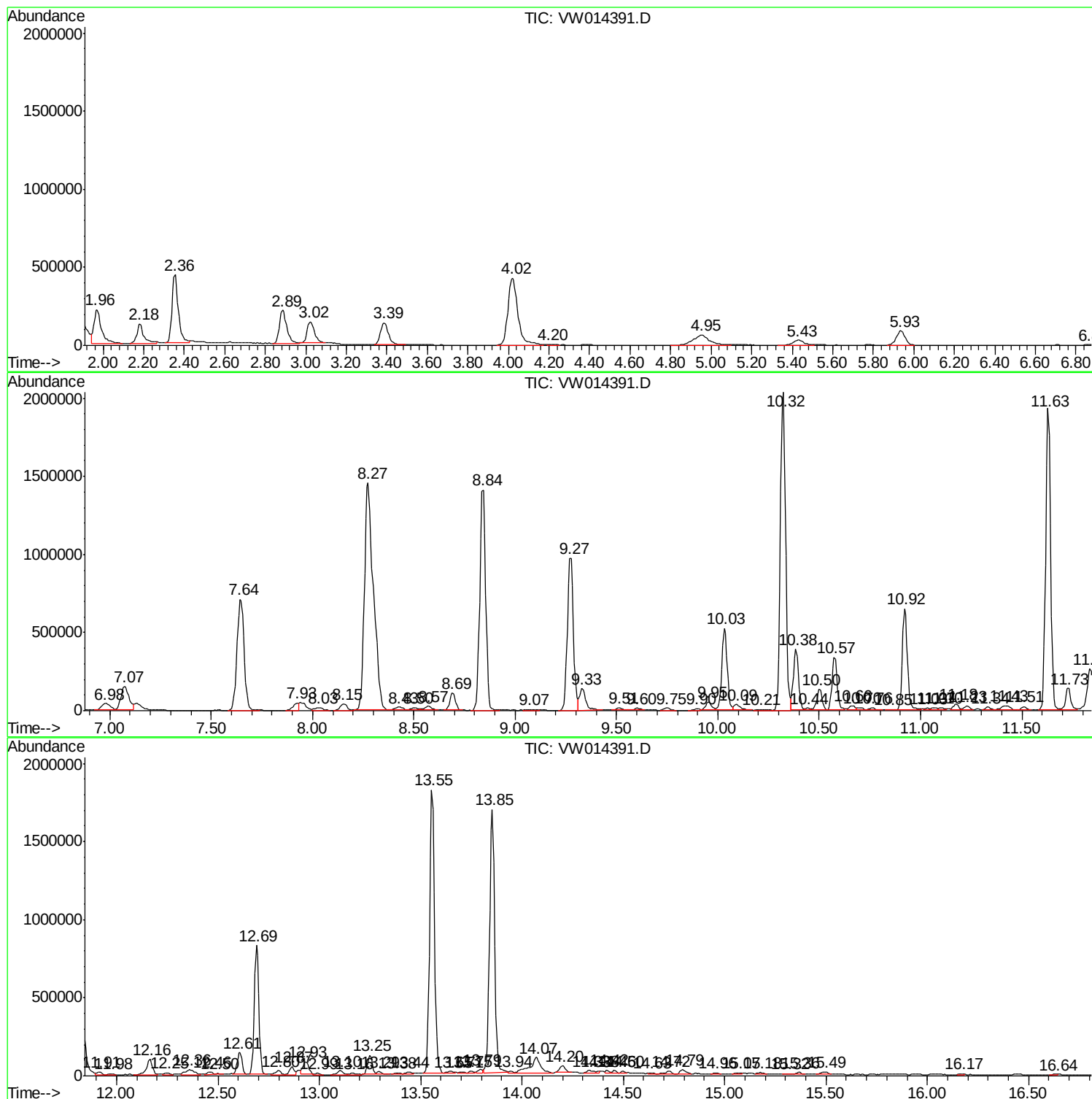
Sum of corrected areas: 39505425

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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



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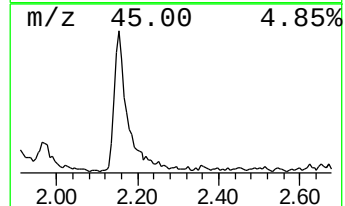
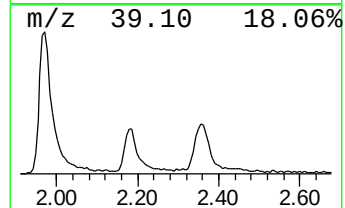
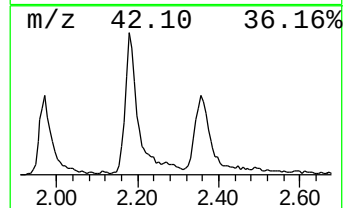
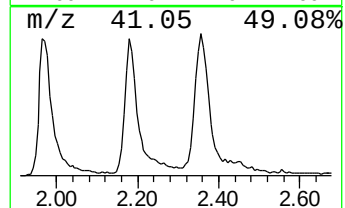
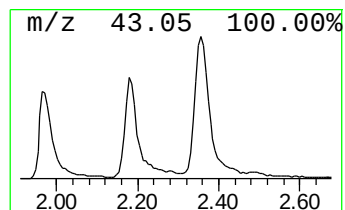
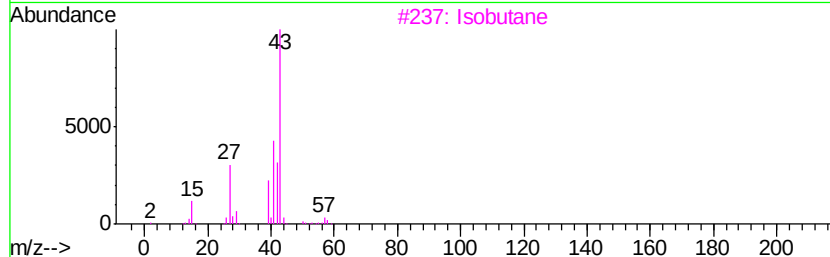
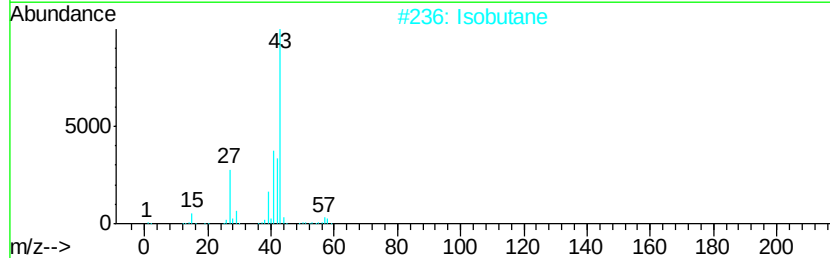
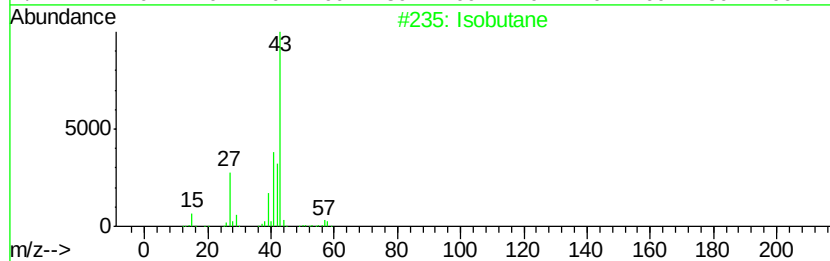
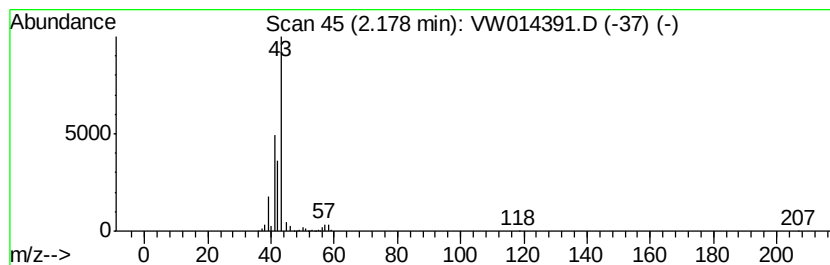
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	2.68 ug/L	303833	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutane	58	C4H10	000075-28-5	64
2		Isobutane	58	C4H10	000075-28-5	64
3		Isobutane	58	C4H10	000075-28-5	50
4		Isobutane	58	C4H10	000075-28-5	42
5		Propane, 2-nitro-	89	C3H7NO2	000079-46-9	4



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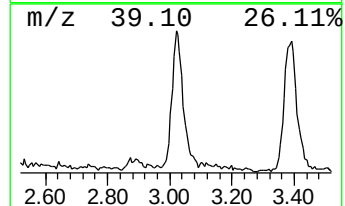
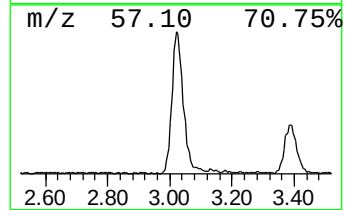
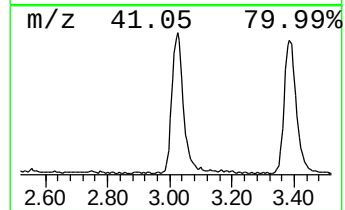
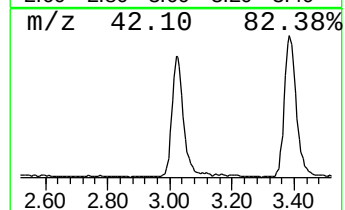
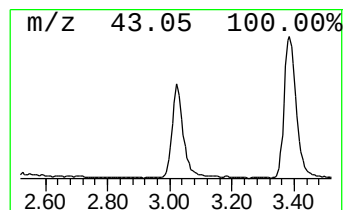
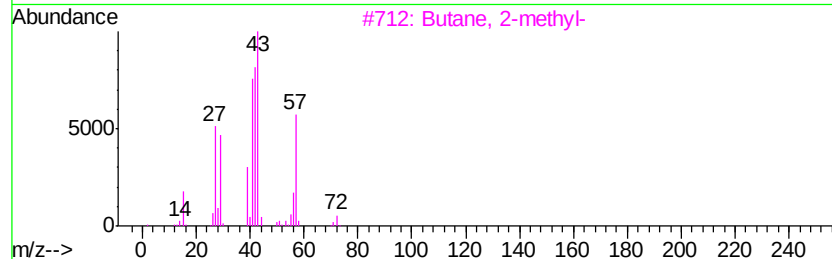
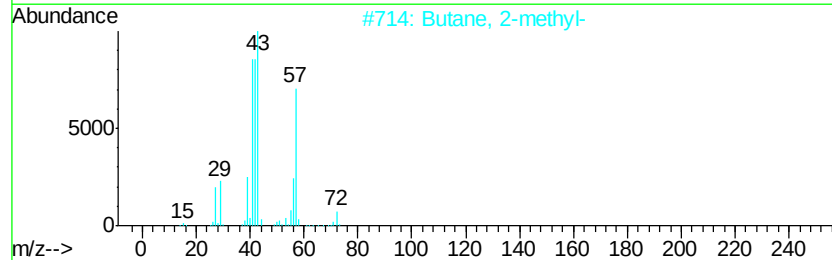
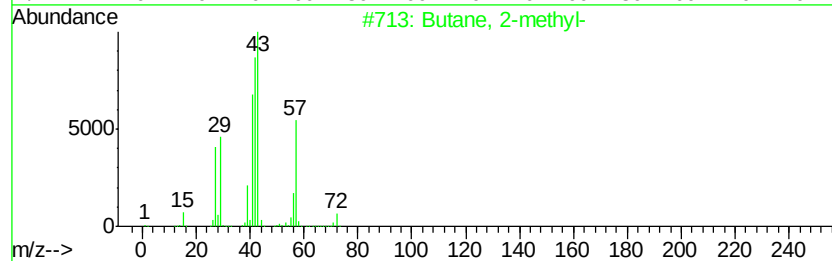
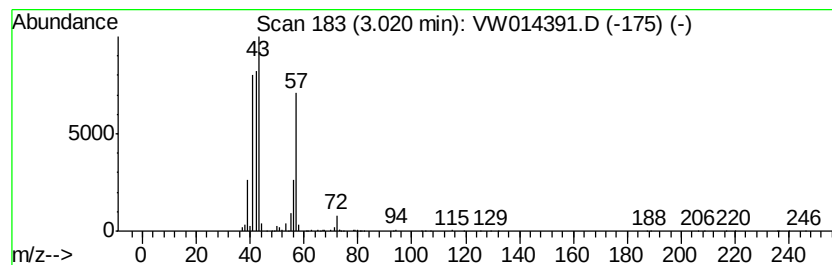
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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.
3.02	3.09 ug/L	349505	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2		Butane, 2-methyl-	72	C5H12	000078-78-4	90
3		Butane, 2-methyl-	72	C5H12	000078-78-4	80
4		Pentane	72	C5H12	000109-66-0	45
5		Isobutylene epoxide	72	C4H8O	000558-30-5	42



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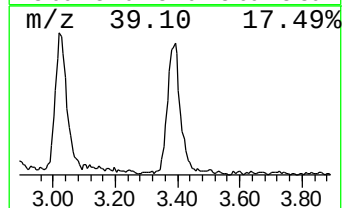
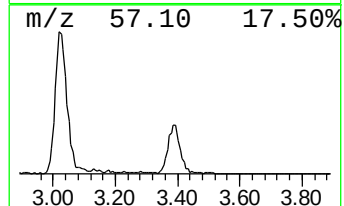
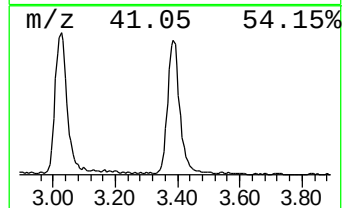
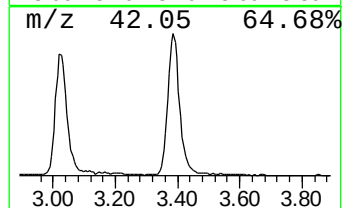
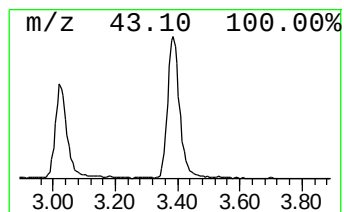
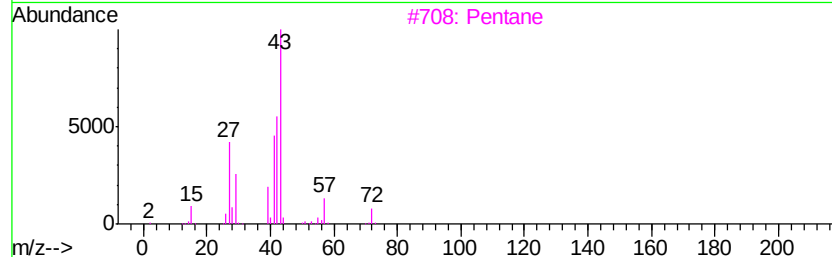
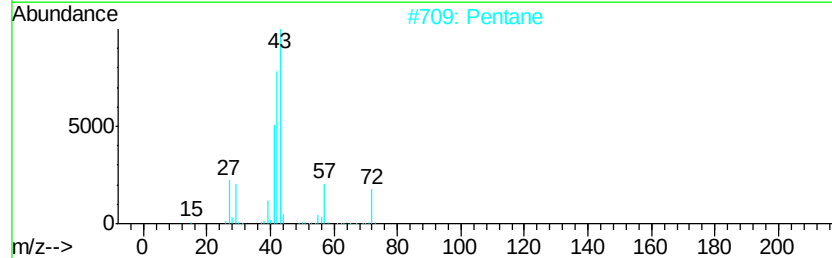
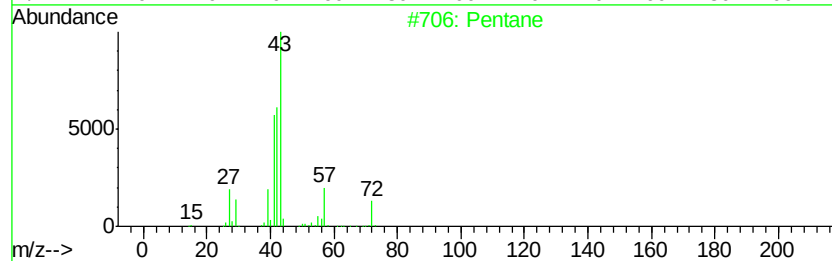
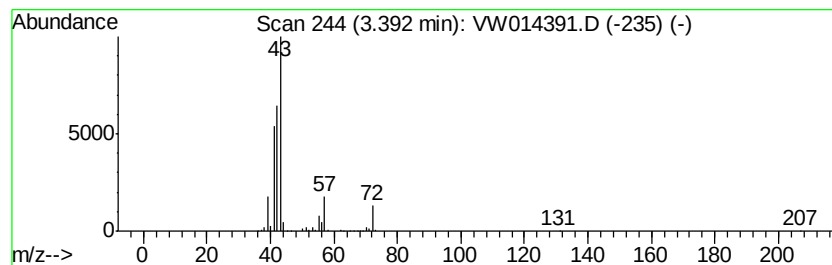
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Quant Title : VOC Analysis

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	3.44 ug/L	389510	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	91
2		Pentane	72	C5H12	000109-66-0	90
3		Pentane	72	C5H12	000109-66-0	90
4		Pentane	72	C5H12	000109-66-0	86
5		Oxirane, ethyl-	72	C4H8O	000106-88-7	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121719\
Data File : VW014391.D
Acq On : 17 Dec 2019 14:37
Operator : SY/VA
Sample : K6270-11
Misc : 4.86G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK87

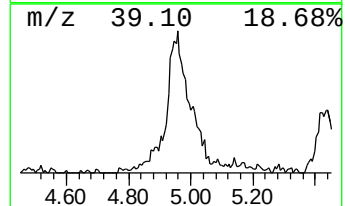
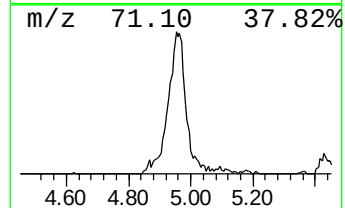
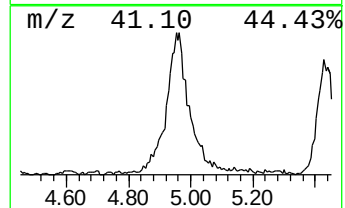
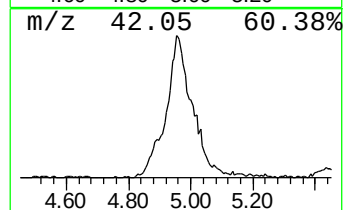
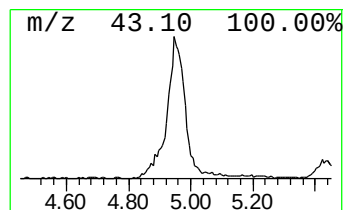
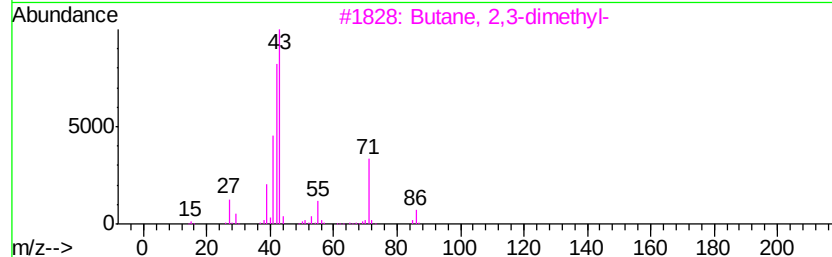
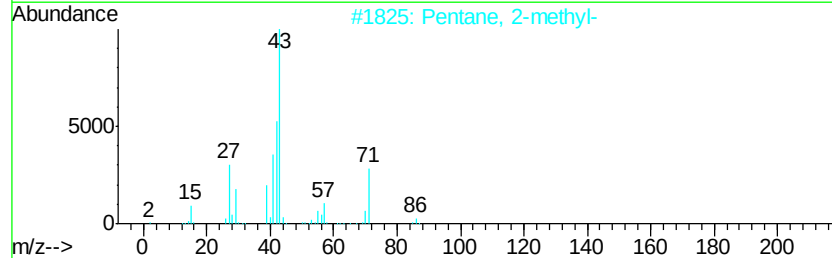
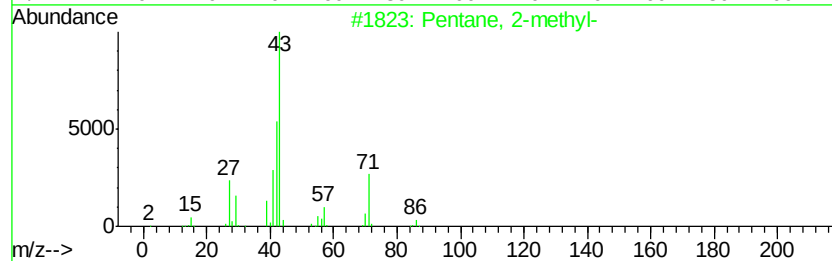
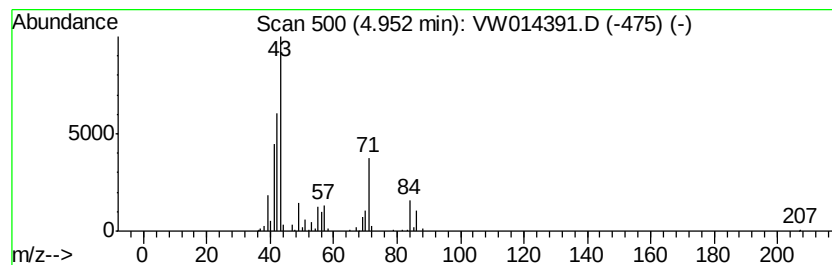
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	3.21 ug/L	363574	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-methyl-	86	C6H14	000107-83-5	59
2		Pentane, 2-methyl-	86	C6H14	000107-83-5	53
3		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49
4		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49
5		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121719\
Data File : VW014391.D
Acq On : 17 Dec 2019 14:37
Operator : SY/VA
Sample : K6270-11
Misc : 4.86G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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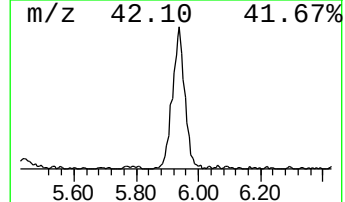
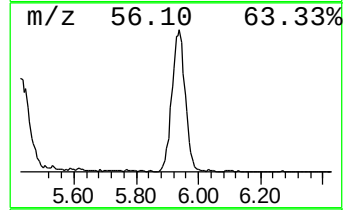
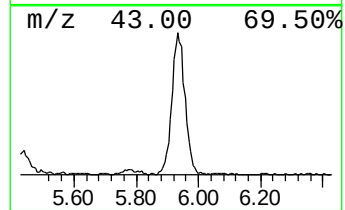
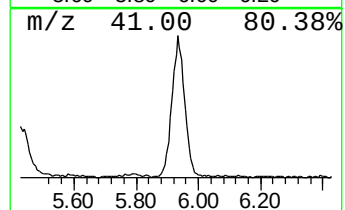
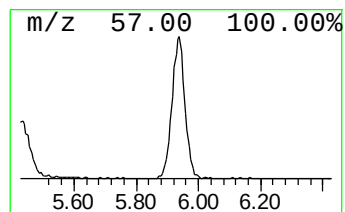
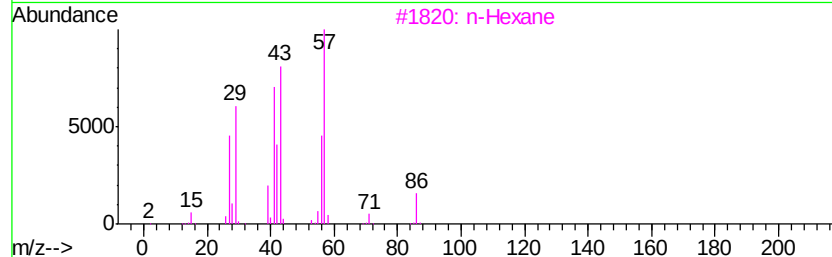
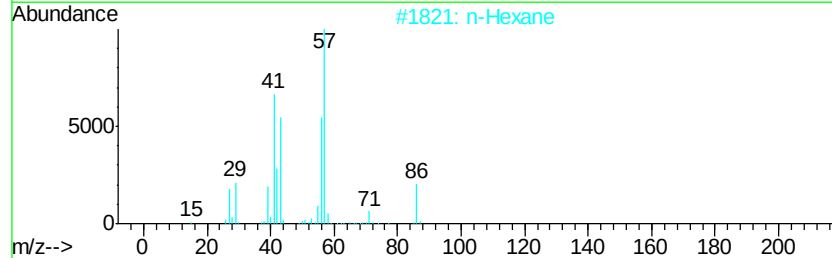
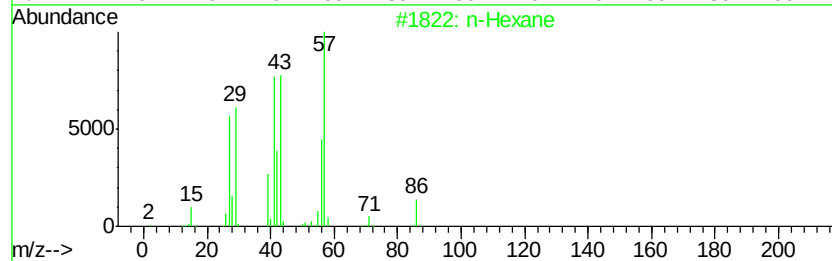
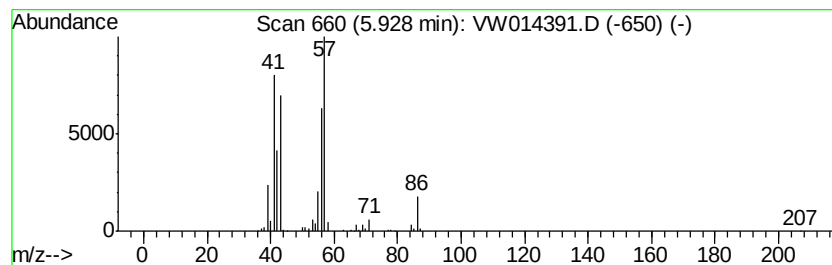
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.46 ug/L	277949	1,4-Difluorobenzene	8.84

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	86
3		n-Hexane	86	C6H14	000110-54-3	72
4		2-(N-Morpholino)ethanesulfonic acid	195	C6H13N04S	004432-31-9	38
5		Cyclopentane, methyl-	84	C6H12	000096-37-7	37



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121719\
Data File : VW014391.D
Acq On : 17 Dec 2019 14:37
Operator : SY/VA
Sample : K6270-11
Misc : 4.86G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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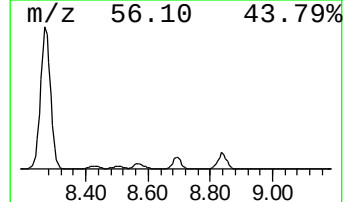
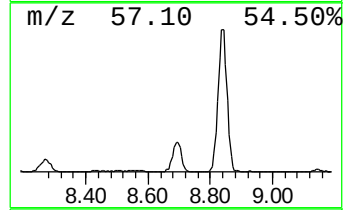
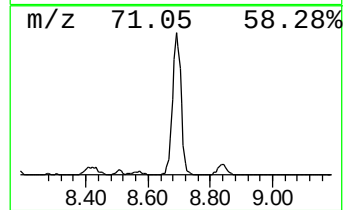
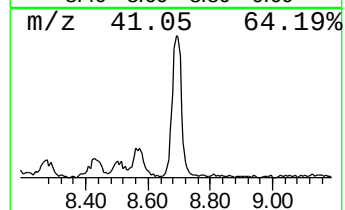
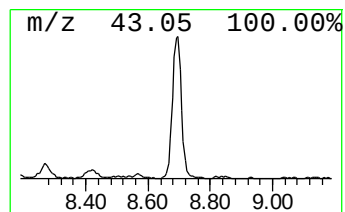
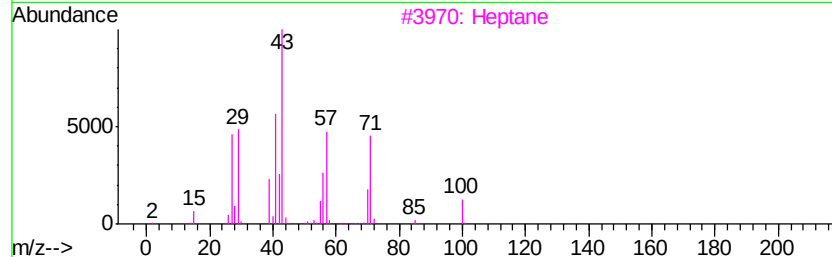
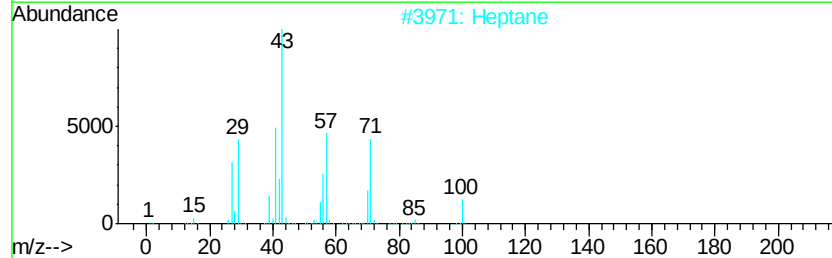
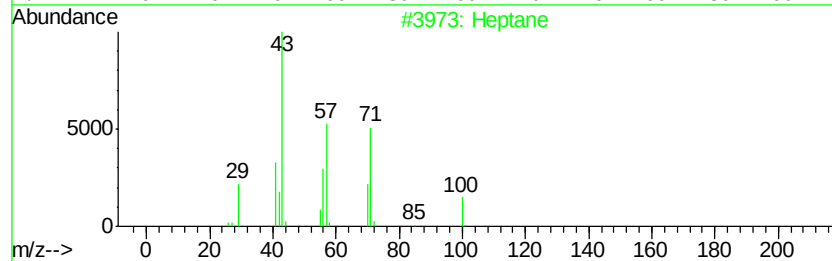
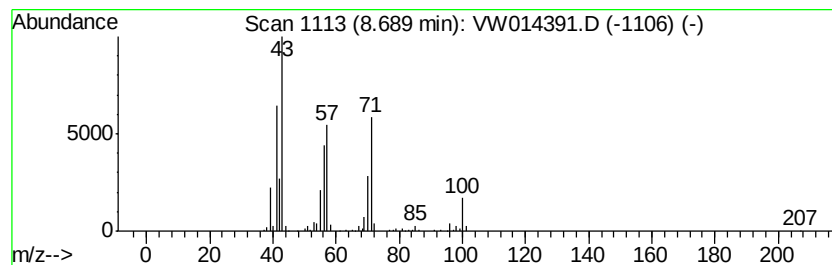
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	1.92 ug/L	217635	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	91
2		Heptane	100	C7H16	000142-82-5	87
3		Heptane	100	C7H16	000142-82-5	64
4		Hexane, 3-methyl-	100	C7H16	000589-34-4	59
5		Heptane	100	C7H16	000142-82-5	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121719\
Data File : VW014391.D
Acq On : 17 Dec 2019 14:37
Operator : SY/VA
Sample : K6270-11
Misc : 4.86G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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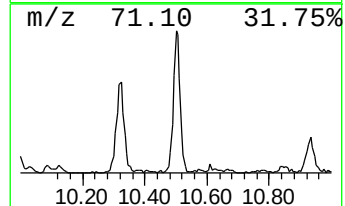
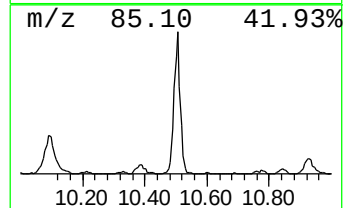
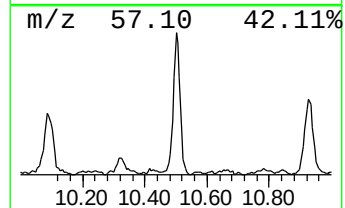
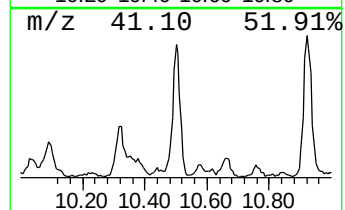
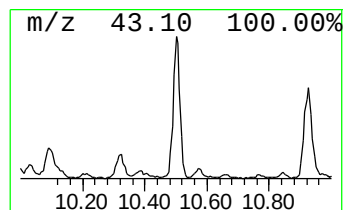
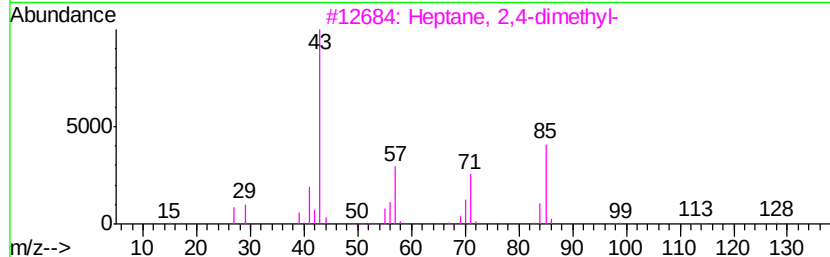
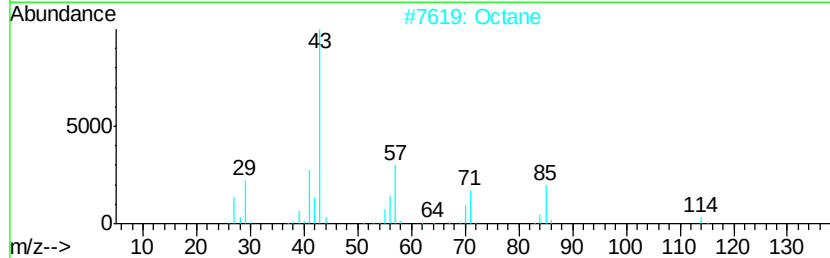
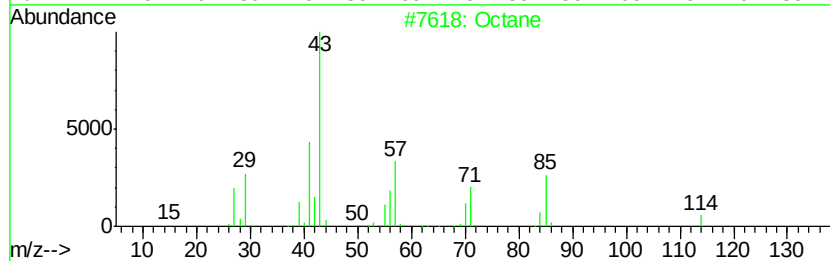
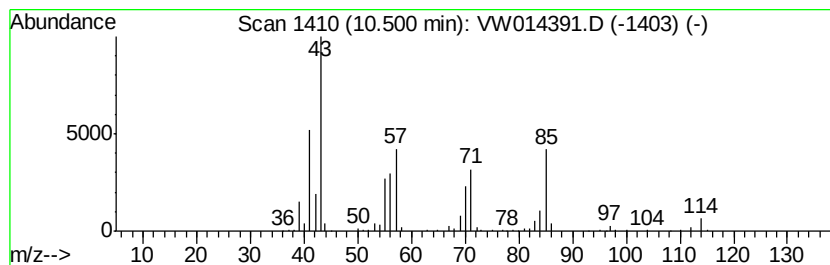
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	1.81 ug/L	235391	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	91
2		Octane	114	C8H18	000111-65-9	90
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	80
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	78
5		Octane	114	C8H18	000111-65-9	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121719\
Data File : VW014391.D
Acq On : 17 Dec 2019 14:37
Operator : SY/VA
Sample : K6270-11
Misc : 4.86G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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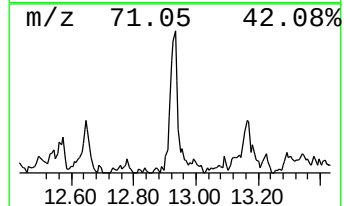
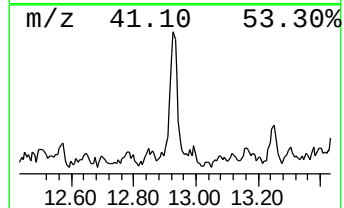
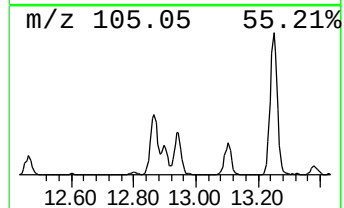
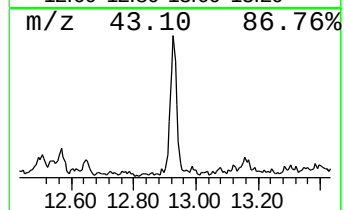
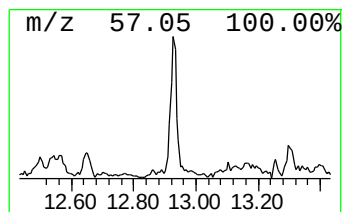
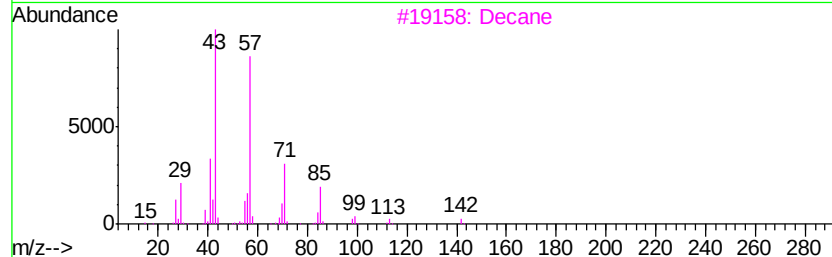
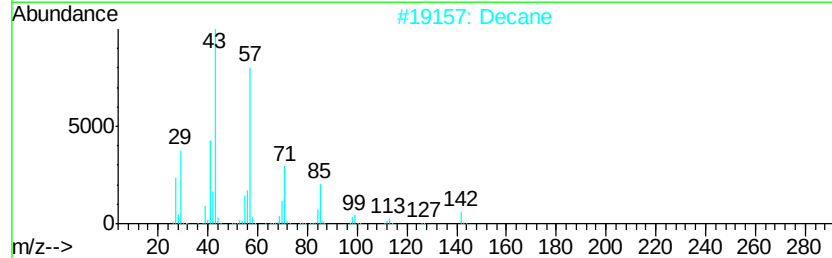
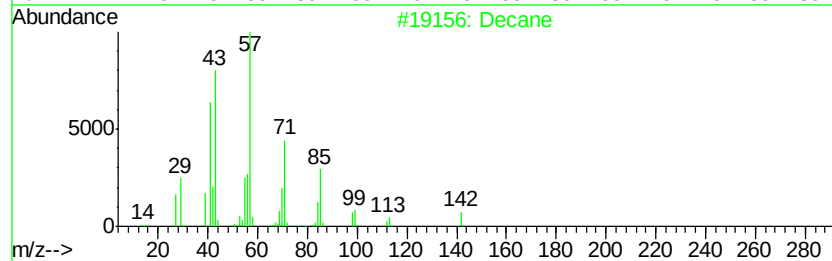
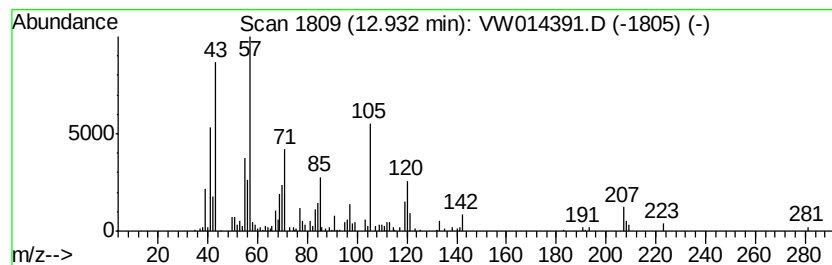
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	1.27 ug/L	152325	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane			142	C10H22	000124-18-5	70
2	Decane			142	C10H22	000124-18-5	50
3	Decane			142	C10H22	000124-18-5	43
4	Oxalic acid, allyl nonyl ester			256	C14H24O4	1000309-23-7	38
5	Decane			142	C10H22	000124-18-5	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121719\
Data File : VW014391.D
Acq On : 17 Dec 2019 14:37
Operator : SY/VA
Sample : K6270-11
Misc : 4.86G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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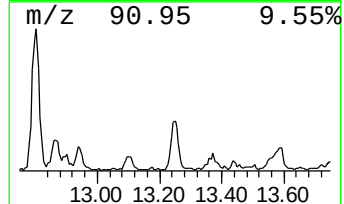
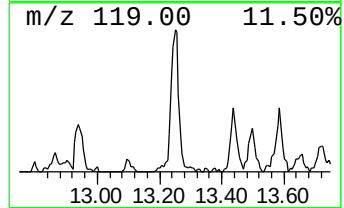
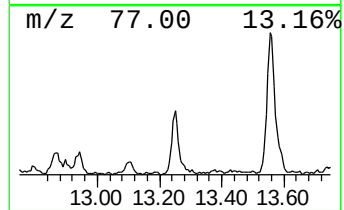
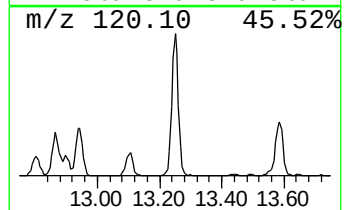
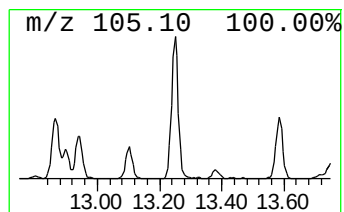
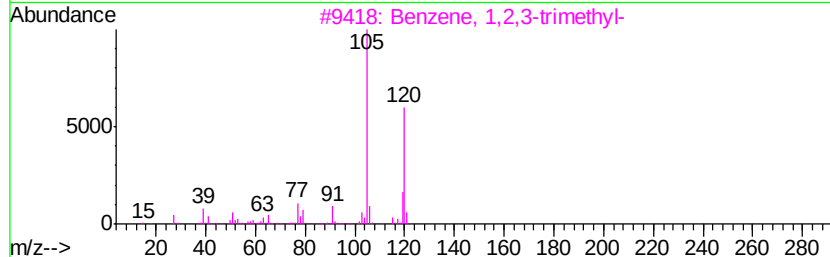
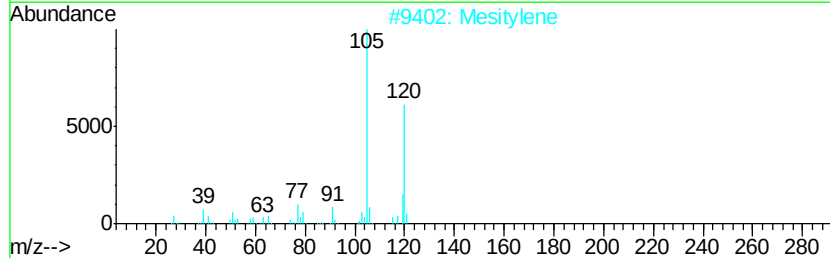
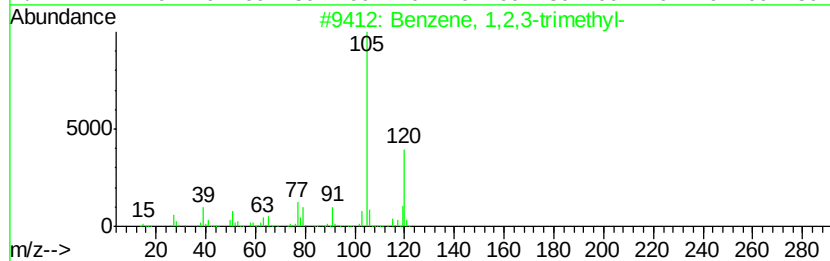
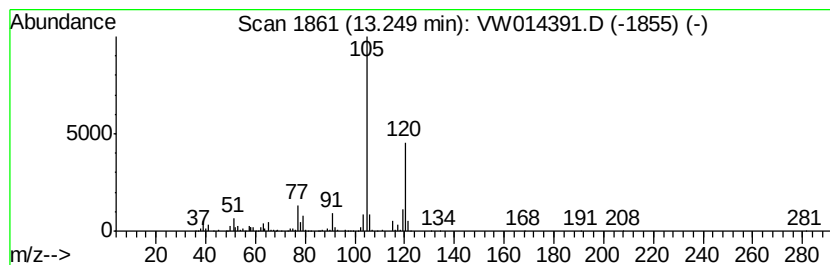
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	1.67 ug/L	199564	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Mesitylene	120	C9H12	000108-67-8	94
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121719\
Data File : VW014391.D
Acq On : 17 Dec 2019 14:37
Operator : SY/VA
Sample : K6270-11
Misc : 4.86G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK87

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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(DEL) Alkane: Str...	3.02	3.1	ug/L	349505	1	8.84	2829360	25.0
(DEL) Alkane: Str...	3.39	3.4	ug/L	389510	1	8.84	2829360	25.0
(DEL) Alkane: Str...	4.95	3.2	ug/L	363574	1	8.84	2829360	25.0
(DEL) Alkane: Str...	5.93	2.5	ug/L	277949	1	8.84	2829360	25.0
(DEL) Alkane: Str...	8.69	1.9	ug/L	217635	1	8.84	2829360	25.0
(DEL) Alkane: Str...	10.50	1.8	ug/L	235391	2	11.63	3253290	25.0
(DEL) Alkane: Str...	12.93	1.3	ug/L	152325	3	13.55	2990370	25.0
Benzene, 1,2,3-tr...	13.25	1.7	ug/L	199564	3	13.55	2990370	25.0