

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
 Data File : VW014390.D
 Acq On : 17 Dec 2019 14:10
 Operator : SY/VA
 Sample : K6270-10
 Misc : 5.43G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK86

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	34	rVB	183643	488253	11.43%	1.345%
2	2.178	36	45	60	rBV2	114843	292045	6.84%	0.804%
3	2.349	67	73	85	rBV	393014	821165	19.22%	2.262%
4	2.629	113	119	120	rBV6	7131	10957	0.26%	0.030%
5	2.885	153	161	175	rBV	200913	496888	11.63%	1.369%
6	3.019	176	183	196	rVB	123741	303251	7.10%	0.835%
7	3.385	234	243	261	rVV	119584	315869	7.39%	0.870%
8	4.019	334	347	360	rBV	415061	1373687	32.16%	3.784%
9	4.952	479	500	522	rBV5	58598	326943	7.65%	0.900%
10	5.428	565	578	592	rBV3	28296	101877	2.38%	0.281%
11	5.940	649	662	675	rBV2	77159	240966	5.64%	0.664%
12	6.872	805	815	817	rBV4	4235	9770	0.23%	0.027%
13	6.982	821	833	840	rBV2	37724	110581	2.59%	0.305%
14	7.074	840	848	856	rBV	130922	378232	8.85%	1.042%
15	7.647	931	942	957	rBV	671883	1658594	38.83%	4.568%
16	7.933	976	989	999	rBV5	42796	176593	4.13%	0.486%
17	8.025	999	1004	1014	rVB3	15679	42455	0.99%	0.117%
18	8.153	1014	1025	1033	rBV2	37727	85146	1.99%	0.235%
19	8.275	1033	1045	1062	rBV2	1341189	4271644	100.00%	11.765%
20	8.433	1062	1071	1077	rVB7	13524	33929	0.79%	0.093%
21	8.500	1077	1082	1087	rBV6	9486	18201	0.43%	0.050%
22	8.573	1087	1094	1101	rVB4	21945	50064	1.17%	0.138%
23	8.689	1106	1113	1127	rVB	87965	182220	4.27%	0.502%
24	8.835	1127	1137	1158	rBV	1405645	2839682	66.48%	7.821%
25	9.079	1170	1177	1183	rBV8	5366	12699	0.30%	0.035%
26	9.274	1198	1209	1215	rBV	950186	1947596	45.59%	5.364%
27	9.329	1215	1218	1225	rVB	107926	195478	4.58%	0.538%
28	9.518	1242	1249	1254	rBV2	13266	26517	0.62%	0.073%
29	9.604	1255	1263	1268	rBV4	12540	22335	0.52%	0.062%
30	9.665	1270	1273	1281	rVB5	4878	7282	0.17%	0.020%
31	9.750	1281	1287	1295	rVB2	13468	27082	0.63%	0.075%
32	9.896	1305	1311	1314	rBV2	11853	18583	0.44%	0.051%
33	9.951	1314	1320	1327	rBV3	37435	79756	1.87%	0.220%
34	10.030	1327	1333	1340	rVV	477872	860787	20.15%	2.371%

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Integration Parameters: LSCINT.P

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35	10.091	1340	1343	1356	rVB3	29006	72301	1.69%	0.199%
36	10.207	1359	1362	1366	rBV5	3654	6918	0.16%	0.019%
37	10.323	1372	1381	1387	rBV	1912555	3451924	80.81%	9.508%
38	10.384	1387	1391	1398	rVB	365092	629422	14.73%	1.734%
39	10.500	1404	1410	1416	rVB	98089	170681	4.00%	0.470%
40	10.573	1416	1422	1432	rBV	319285	554636	12.98%	1.528%
41	10.664	1432	1437	1440	rVV3	19854	28487	0.67%	0.078%
42	10.695	1440	1442	1447	rVB3	7411	12268	0.29%	0.034%
43	10.756	1447	1452	1461	rVB4	12588	24009	0.56%	0.066%
44	10.847	1461	1467	1471	rVB8	5112	8979	0.21%	0.025%
45	10.920	1471	1479	1492	rBV	599806	1031263	24.14%	2.840%
46	11.030	1495	1497	1500	rBV4	4493	6263	0.15%	0.017%
47	11.103	1506	1509	1513	rVB4	9320	12038	0.28%	0.033%
48	11.177	1514	1521	1525	rBV	26325	43808	1.03%	0.121%
49	11.231	1525	1530	1535	rVB3	16613	30442	0.71%	0.084%
50	11.335	1542	1547	1551	rVB4	13402	20810	0.49%	0.057%
51	11.414	1551	1560	1561	rBV3	17745	30284	0.71%	0.083%
52	11.512	1570	1576	1581	rBV	16316	29335	0.69%	0.081%
53	11.628	1587	1595	1605	rVV	1932470	3205383	75.04%	8.829%
54	11.731	1605	1612	1620	rVV	138475	244532	5.72%	0.674%
55	11.835	1620	1629	1639	rVV2	211346	442350	10.36%	1.218%
56	11.914	1639	1642	1647	rVB4	13054	21544	0.50%	0.059%
57	11.969	1648	1651	1656	rVB7	4145	7132	0.17%	0.020%
58	12.164	1672	1683	1690	rBV	92392	182384	4.27%	0.502%
59	12.249	1694	1697	1701	rVB3	7462	10416	0.24%	0.029%
60	12.304	1701	1706	1707	rBV5	3890	5434	0.13%	0.015%
61	12.365	1707	1716	1722	rBV6	20156	61048	1.43%	0.168%
62	12.463	1727	1732	1736	rVB3	11765	19255	0.45%	0.053%
63	12.609	1750	1756	1761	rVB	71762	119951	2.81%	0.330%
64	12.688	1761	1769	1777	rBV	749283	1261809	29.54%	3.475%
65	12.798	1780	1787	1792	rVB2	21961	41189	0.96%	0.113%
66	12.865	1792	1798	1802	rBV	45751	81153	1.90%	0.224%
67	12.896	1802	1803	1804	rVV	18053	13108	0.31%	0.036%
68	12.932	1805	1809	1815	rVB2	55821	108424	2.54%	0.299%
69	13.103	1830	1837	1844	rVB	23958	42328	0.99%	0.117%
70	13.170	1844	1848	1852	rBV6	5879	9308	0.22%	0.026%
71	13.249	1854	1861	1866	rBV	102406	166435	3.90%	0.458%

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72	13.298	1866	1869	1874	rVB3	9771	14570	0.34%	0.040%
73	13.377	1878	1882	1888	rBV6	5326	11219	0.26%	0.031%
74	13.438	1888	1892	1896	rBV6	11152	18212	0.43%	0.050%
75	13.493	1896	1901	1903	rBV5	6170	8558	0.20%	0.024%
76	13.554	1904	1911	1921	rBV	1765510	2928312	68.55%	8.065%
77	13.646	1923	1926	1930	rVB4	6278	8804	0.21%	0.024%
78	13.755	1940	1944	1946	rBV2	10857	14389	0.34%	0.040%
79	13.798	1946	1951	1952	rVV2	14957	22755	0.53%	0.063%
80	13.853	1953	1960	1973	rVV	1634249	2696772	63.13%	7.428%
81	13.944	1973	1975	1979	rVB3	8123	9255	0.22%	0.025%
82	14.011	1979	1986	1988	rBV5	18072	40718	0.95%	0.112%
83	14.072	1991	1996	2008	rVB3	54168	143677	3.36%	0.396%
84	14.200	2012	2017	2023	rVB5	29214	55015	1.29%	0.152%
85	14.335	2034	2039	2043	rBV5	15525	30418	0.71%	0.084%
86	14.383	2045	2047	2050	rVV4	11131	14778	0.35%	0.041%
87	14.414	2050	2052	2056	rVV4	12332	18918	0.44%	0.052%
88	14.456	2056	2059	2063	rVB	15179	20617	0.48%	0.057%
89	14.499	2063	2066	2070	rBV5	9957	14094	0.33%	0.039%
90	14.725	2101	2103	2109	rVB7	12159	16963	0.40%	0.047%
91	14.792	2109	2114	2122	rBV6	20125	48653	1.14%	0.134%
92	14.956	2137	2141	2146	rBV5	6997	11240	0.26%	0.031%
93	15.066	2155	2159	2162	rBV6	7009	10613	0.25%	0.029%
94	15.176	2172	2177	2183	rVB6	9187	20736	0.49%	0.057%
95	15.365	2204	2208	2214	rBV2	13330	24580	0.58%	0.068%
96	15.493	2221	2229	2234	rBV4	9915	24673	0.58%	0.068%
97	15.950	2300	2304	2310	rVB9	3571	7977	0.19%	0.022%
98	16.048	2310	2320	2323	rBV9	4724	14540	0.34%	0.040%
99	16.170	2335	2340	2347	rVB9	4196	8476	0.20%	0.023%
100	16.645	2409	2418	2424	rBV9	5181	13458	0.32%	0.037%

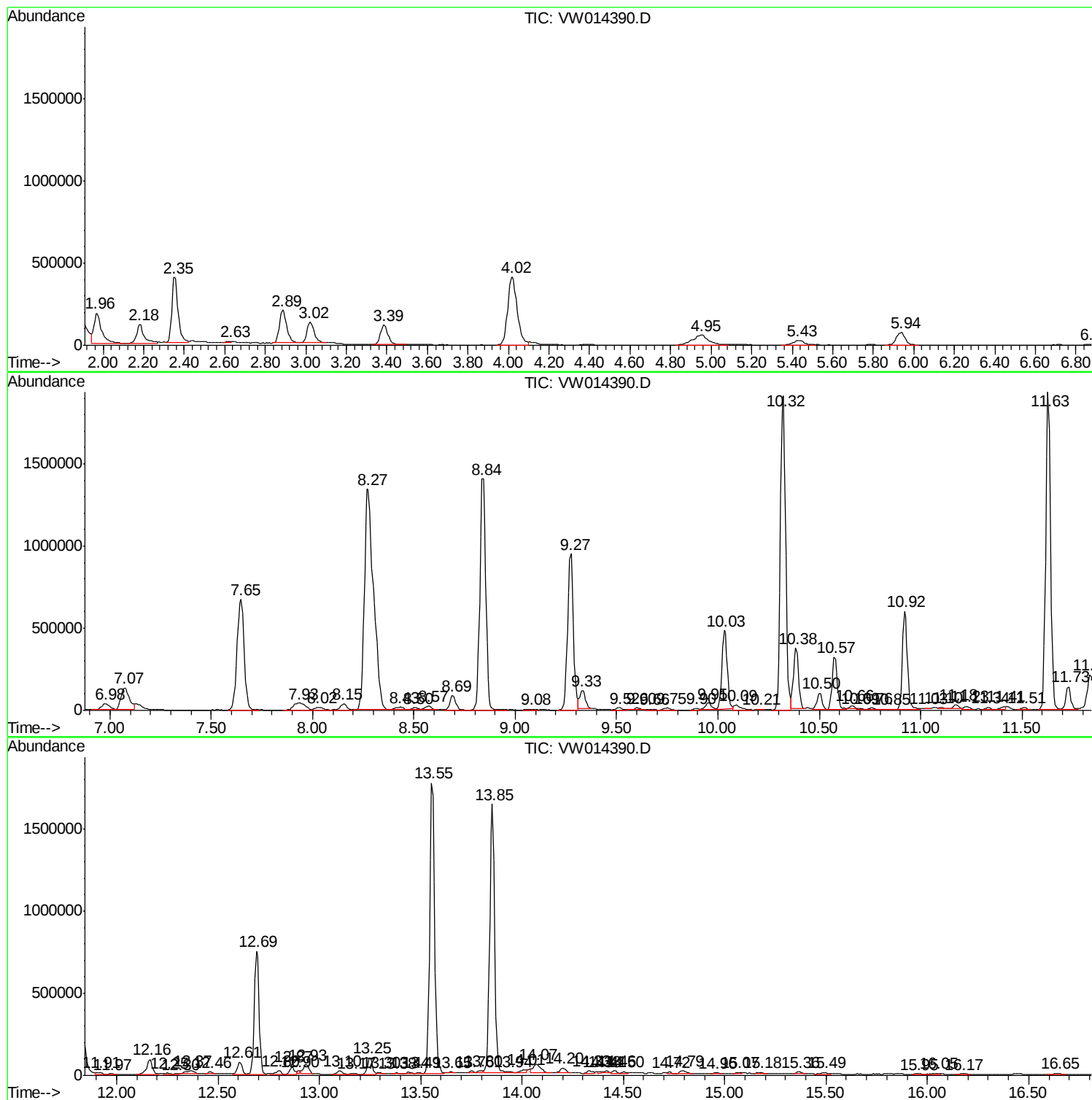
Sum of corrected areas: 36307168

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Instrument :
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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



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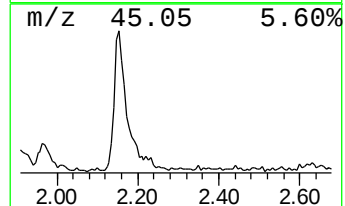
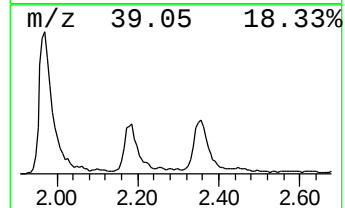
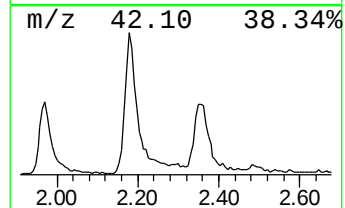
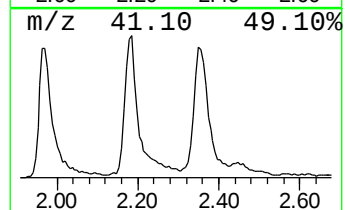
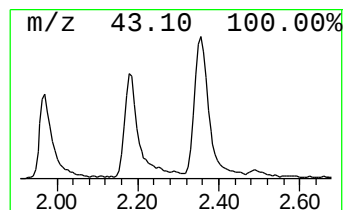
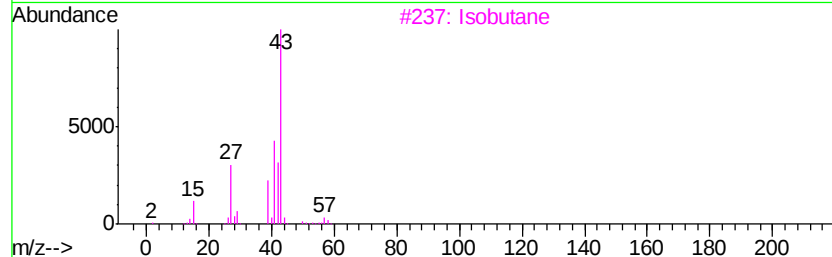
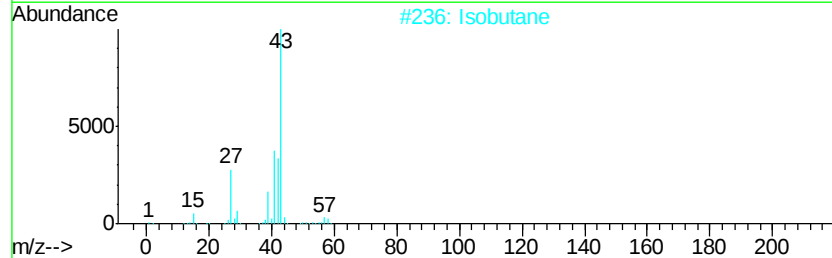
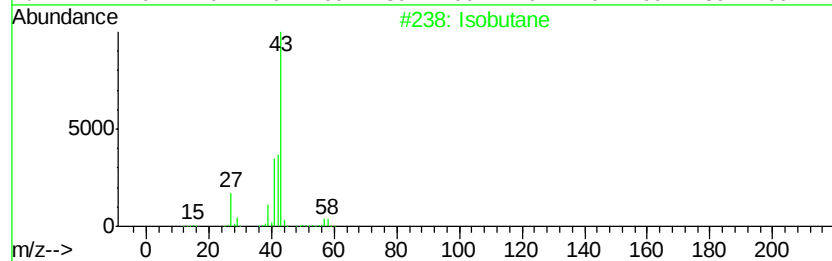
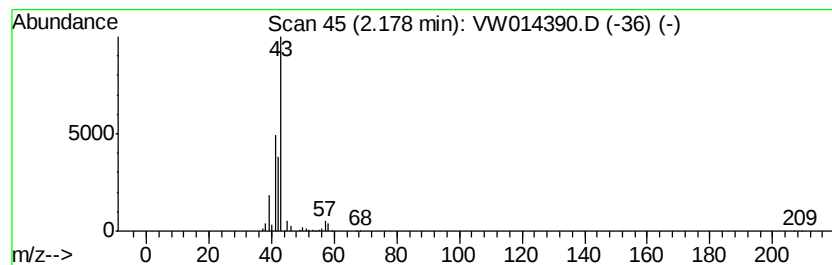
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	2.57 ug/L	292045	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutane	58	C4H10	000075-28-5	72
2		Isobutane	58	C4H10	000075-28-5	72
3		Isobutane	58	C4H10	000075-28-5	64
4		Isobutane	58	C4H10	000075-28-5	64
5		1-Butanol	74	C4H10O	000071-36-3	4



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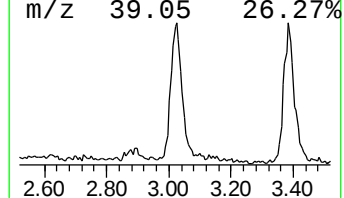
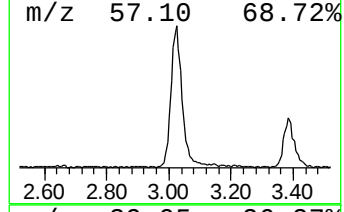
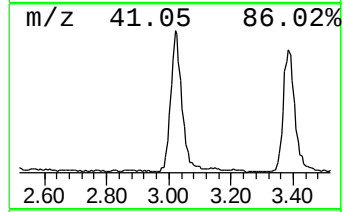
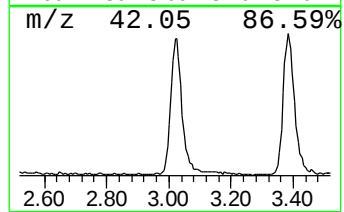
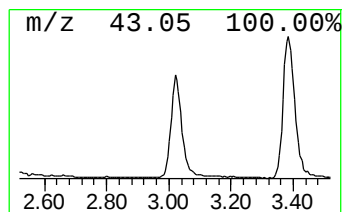
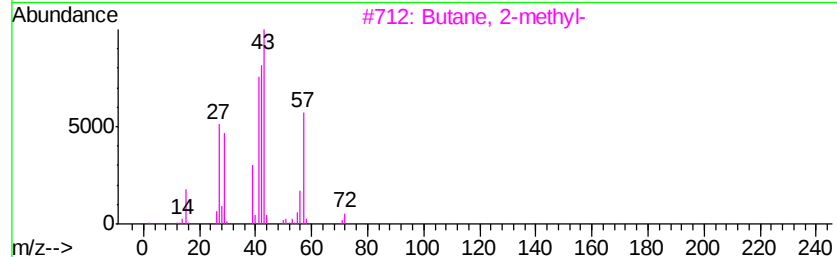
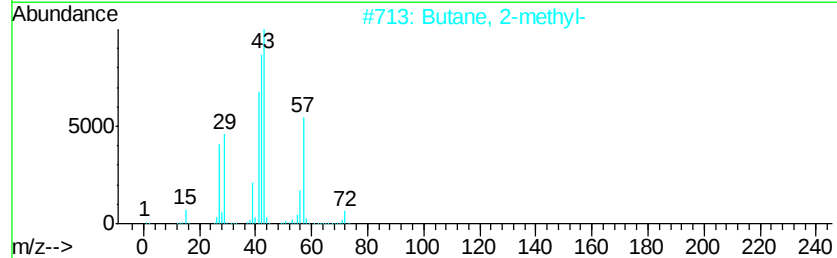
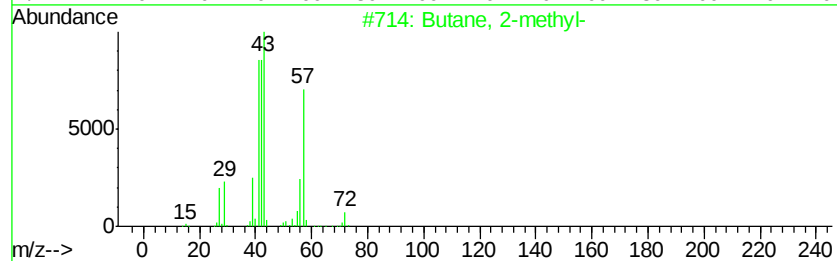
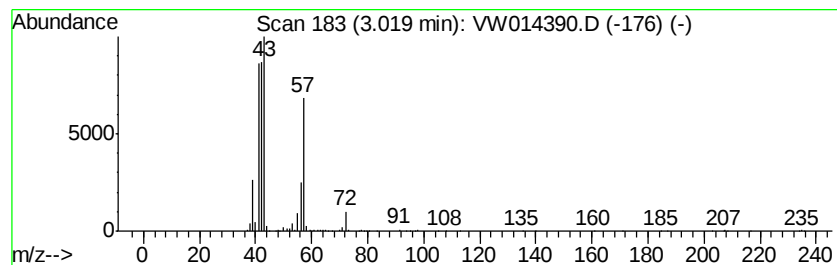
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	2.67 ug/L	303251	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	91
3		Butane, 2-methyl-	72	C5H12	000078-78-4	90
4		3-Buten-1-ol	72	C4H8O	000627-27-0	25
5		1-Propene, 2-methyl-	56	C4H8	000115-11-7	10



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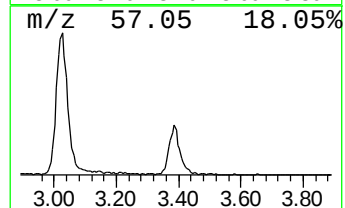
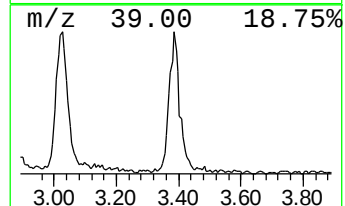
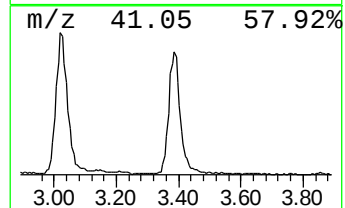
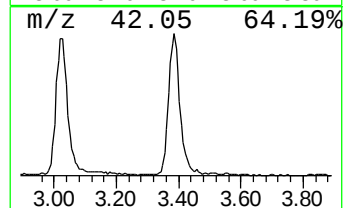
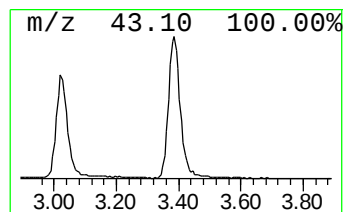
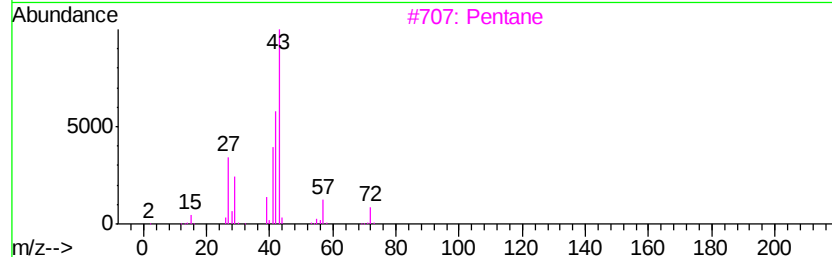
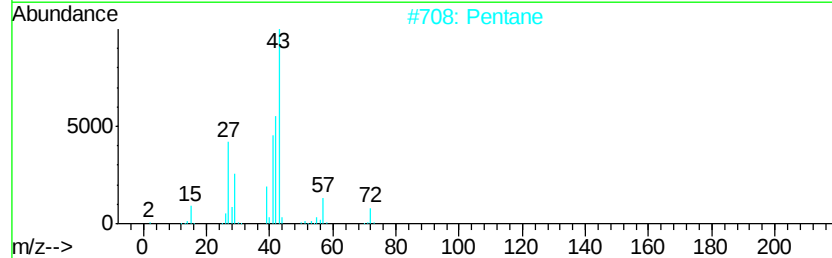
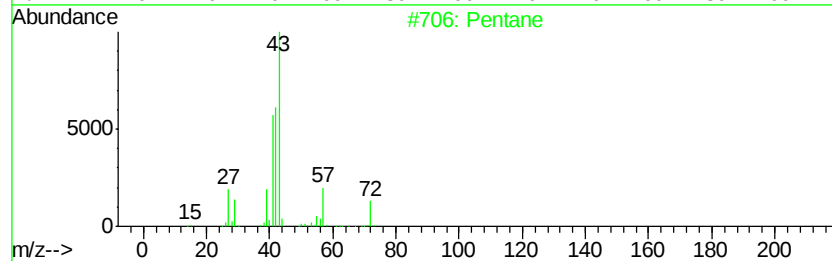
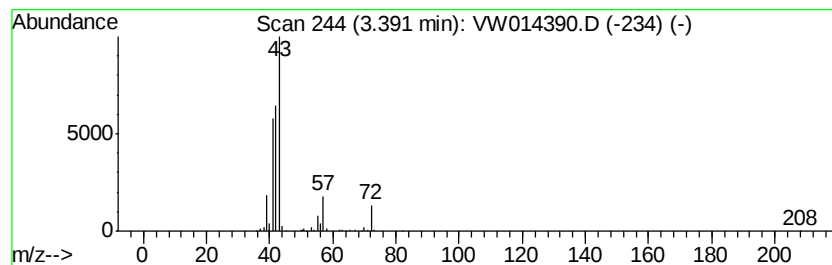
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	2.78 ug/L	315869	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	86
3		Pentane	72	C5H12	000109-66-0	86
4		Pentane	72	C5H12	000109-66-0	72
5		Oxirane, ethyl-	72	C4H8O	000106-88-7	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121719\
Data File : VW014390.D
Acq On : 17 Dec 2019 14:10
Operator : SY/VA
Sample : K6270-10
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK86

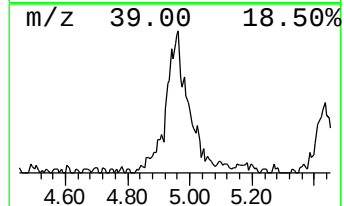
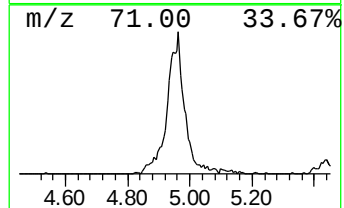
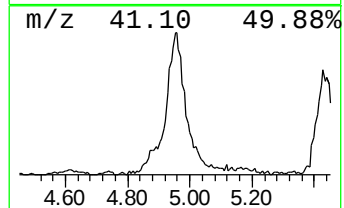
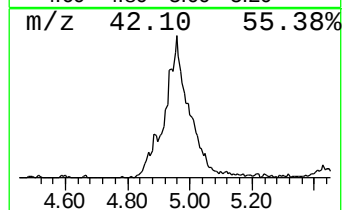
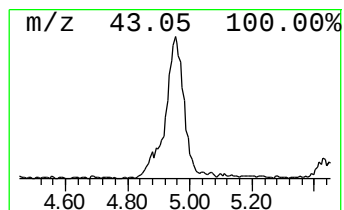
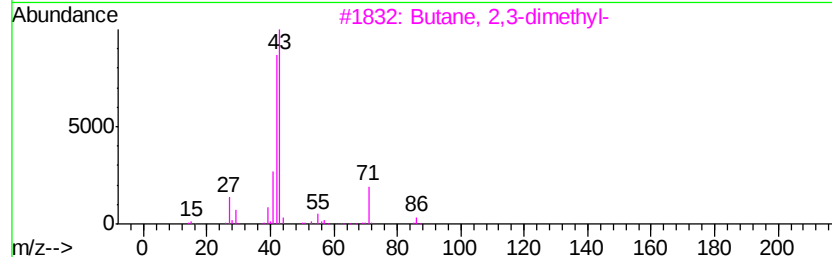
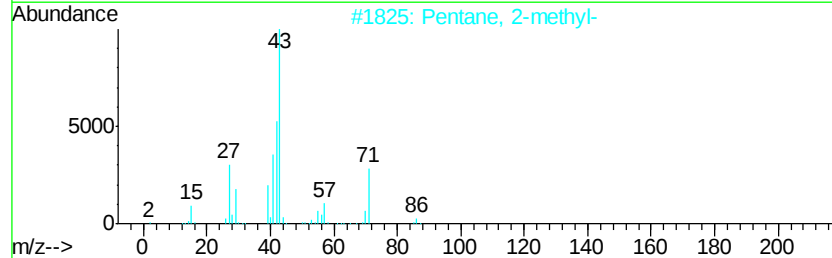
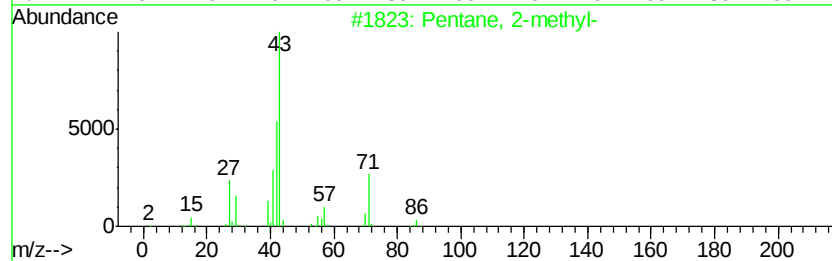
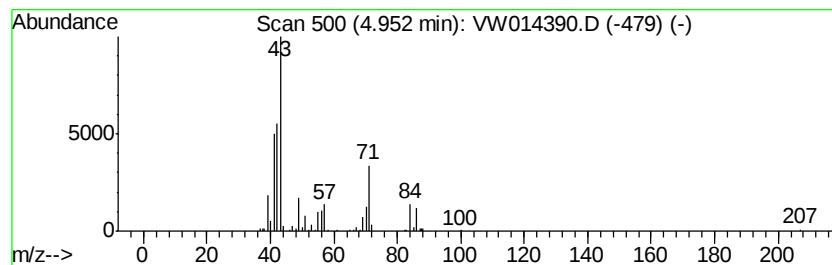
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	2.88 ug/L	326943	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-methyl-	86	C6H14	000107-83-5	53
2		Pentane, 2-methyl-	86	C6H14	000107-83-5	53
3		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
4		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	43
5		1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121719\
Data File : VW014390.D
Acq On : 17 Dec 2019 14:10
Operator : SY/VA
Sample : K6270-10
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK86

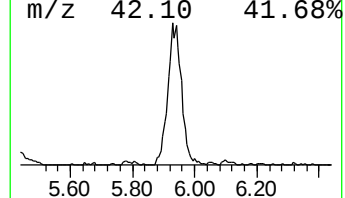
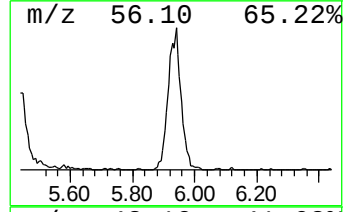
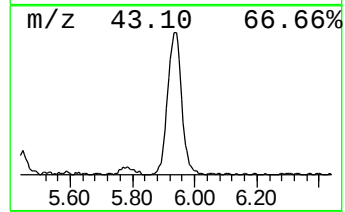
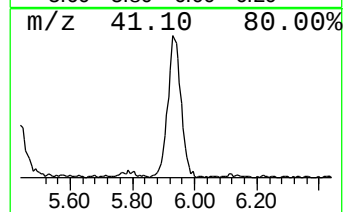
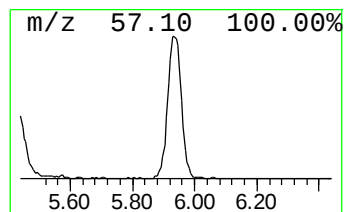
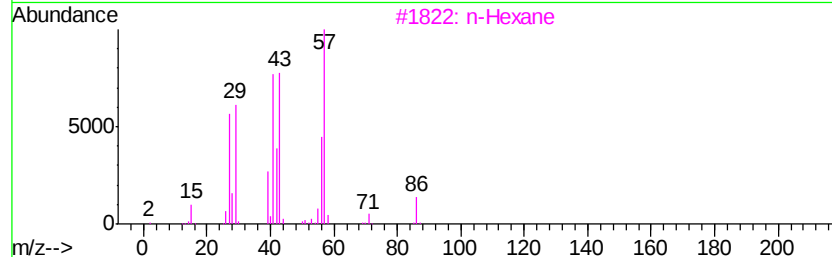
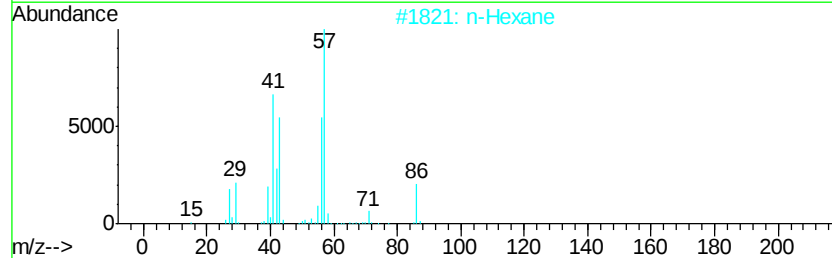
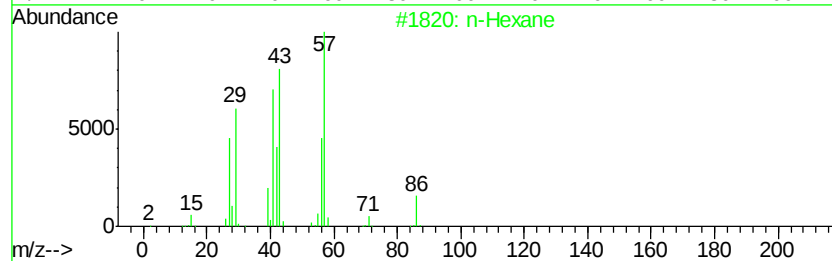
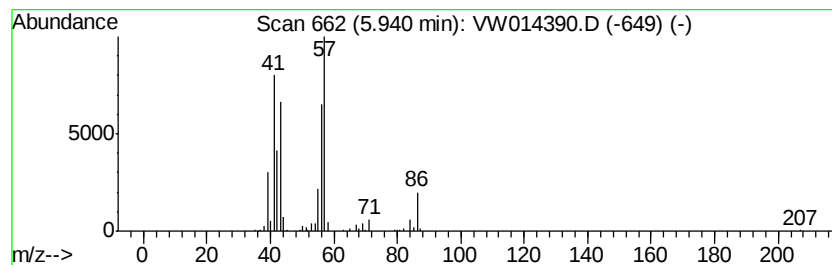
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	2.12 ug/L	240966	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	78
2		n-Hexane	86	C6H14	000110-54-3	74
3		n-Hexane	86	C6H14	000110-54-3	64
4		1-Hexene	84	C6H12	000592-41-6	40
5		1-Hexene	84	C6H12	000592-41-6	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121719\
Data File : VW014390.D
Acq On : 17 Dec 2019 14:10
Operator : SY/VA
Sample : K6270-10
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK86

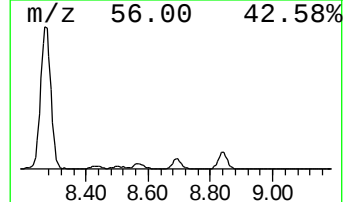
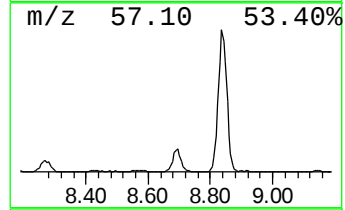
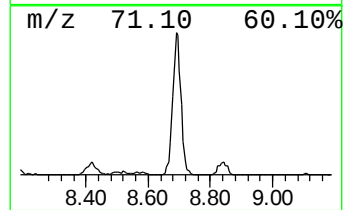
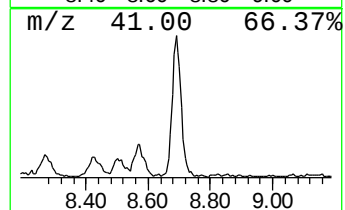
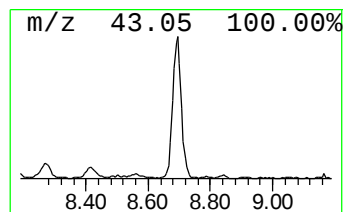
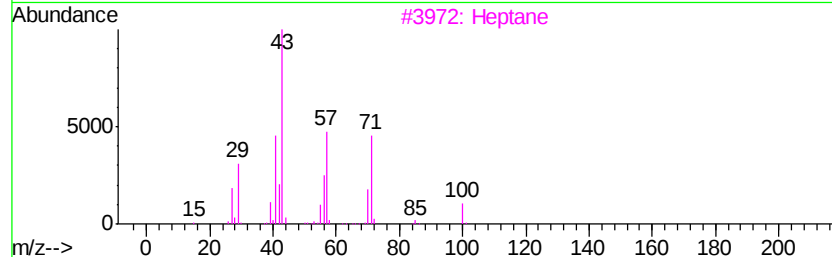
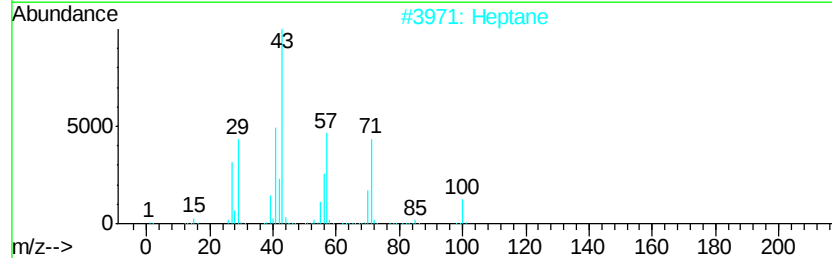
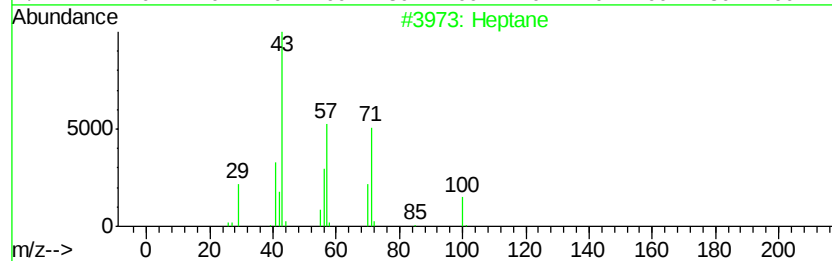
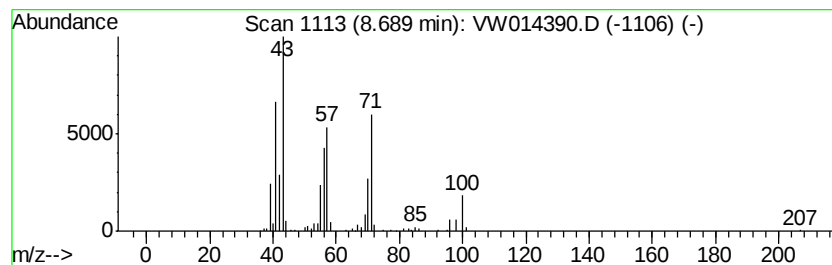
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	1.60 ug/L	182220	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	80
2		Heptane	100	C7H16	000142-82-5	68
3		Heptane	100	C7H16	000142-82-5	68
4		Heptane	100	C7H16	000142-82-5	64
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121719\
Data File : VW014390.D
Acq On : 17 Dec 2019 14:10
Operator : SY/VA
Sample : K6270-10
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK86

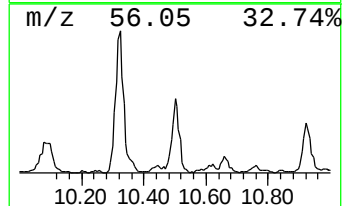
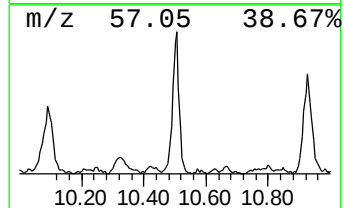
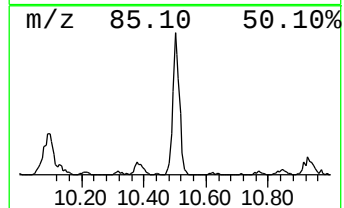
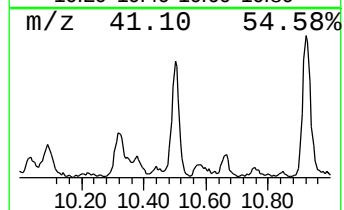
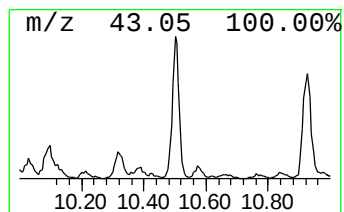
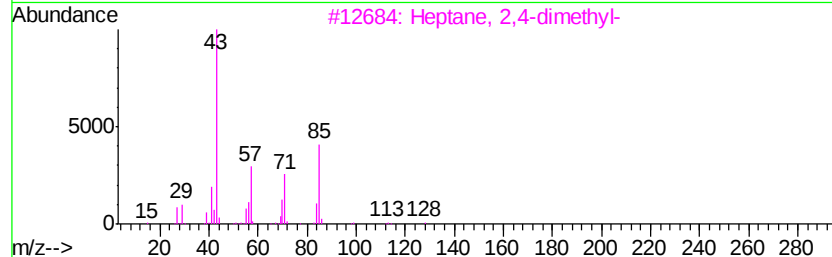
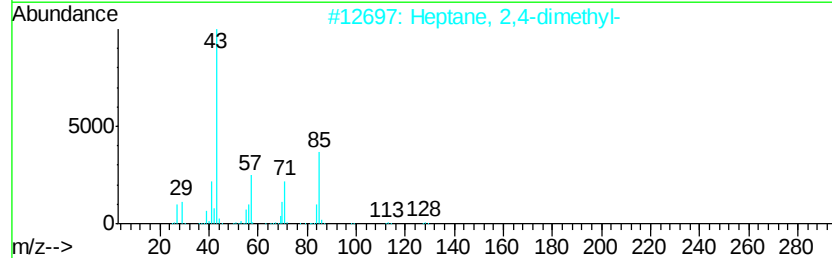
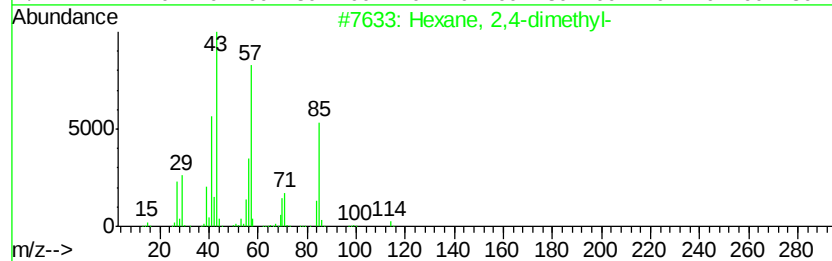
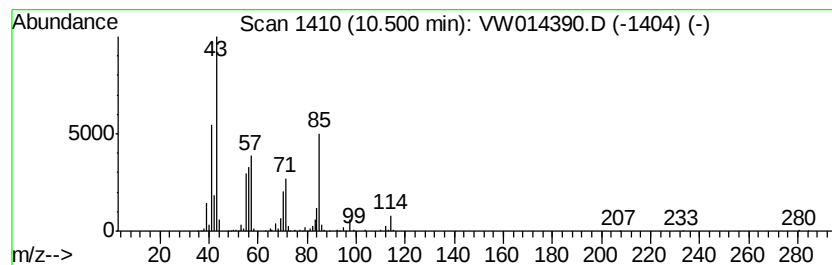
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	1.33 ug/L	170681	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
2		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
5		Sulfurous acid, decyl hexyl ester	306	C16H34O3S	1000309-13-2	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121719\
Data File : VW014390.D
Acq On : 17 Dec 2019 14:10
Operator : SY/VA
Sample : K6270-10
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK86

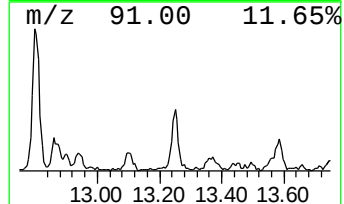
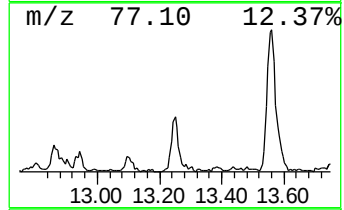
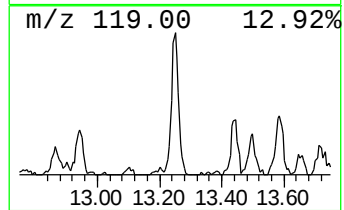
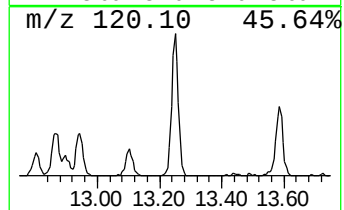
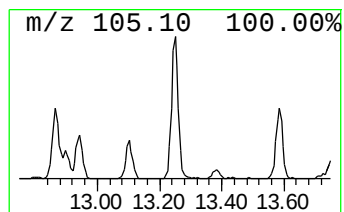
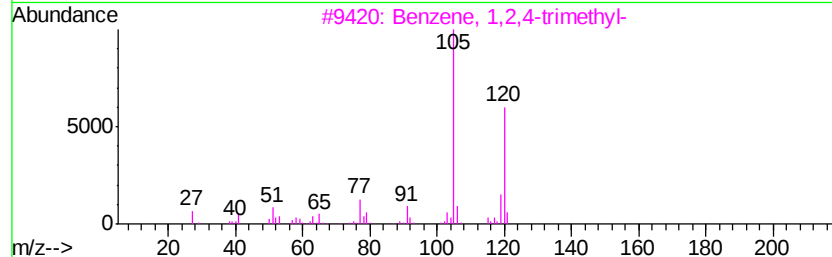
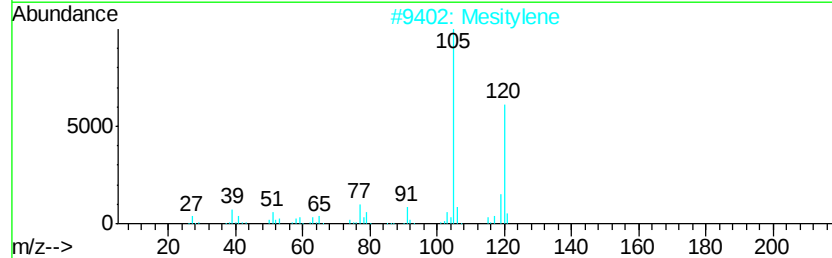
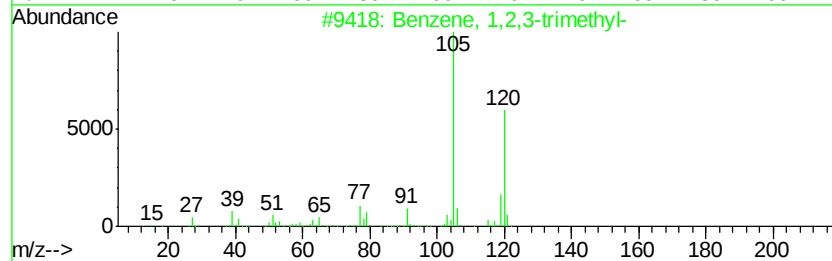
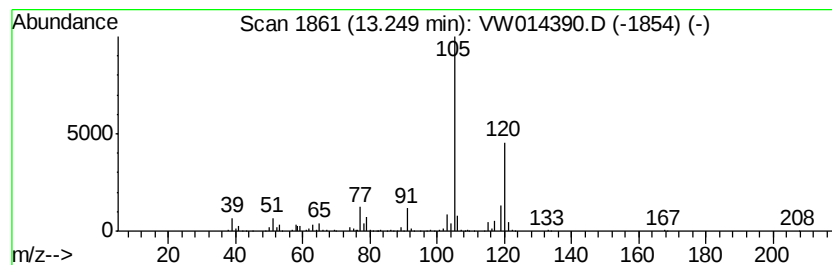
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	1.42 ug/L	166435	1,4-Dichlorobenzene-d4	13.56

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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121719\
Data File : VW014390.D
Acq On : 17 Dec 2019 14:10
Operator : SY/VA
Sample : K6270-10
Misc : 5.43G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK86

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--			
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(DEL) Alkane: Str...	3.02	2.7	ug/L	303251	1	8.84	2839680	25.0
(DEL) Alkane: Str...	3.39	2.8	ug/L	315869	1	8.84	2839680	25.0
(DEL) Alkane: Str...	4.95	2.9	ug/L	326943	1	8.84	2839680	25.0
(DEL) Alkane: Str...	5.94	2.1	ug/L	240966	1	8.84	2839680	25.0
(DEL) Alkane: Str...	8.69	1.6	ug/L	182220	1	8.84	2839680	25.0
(DEL) Alkane: Str...	10.50	1.3	ug/L	170681	2	11.63	3205380	25.0
Benzene, 1,2,3-tr...	13.25	1.4	ug/L	166435	3	13.56	2928310	25.0