

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082720\
 Data File : VW016390.D
 Acq On : 27 Aug 2020 15:02
 Operator : SY/VA
 Sample : L3800-05
 Misc : 6.01G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3H5

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\SOM2WLM082420S.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	1.952	5	8	15	rVB2	5941	10364	0.04%	0.026%
2	2.093	28	31	33	rBV3	601	618	0.00%	0.002%
3	2.154	37	41	47	rBV3	3242	6079	0.02%	0.015%
4	2.233	52	54	56	rBV	397	474	0.00%	0.001%
5	2.355	63	74	86	rBV2	49454	105041	0.36%	0.268%
6	2.452	88	90	94	rVV3	1073	1606	0.01%	0.004%
7	2.495	95	97	104	rVB2	1057	1498	0.01%	0.004%
8	2.684	126	128	130	rVB	501	464	0.00%	0.001%
9	2.891	153	162	177	rVV	30923	80229	0.27%	0.205%
10	3.025	180	184	189	rVB4	835	1564	0.01%	0.004%
11	3.397	238	245	248	rBV5	1379	3309	0.01%	0.008%
12	4.013	332	346	361	rBV2	92565	287205	0.97%	0.732%
13	4.202	375	377	385	rVB3	1172	1916	0.01%	0.005%
14	4.379	397	406	414	rBV2	1381	4280	0.01%	0.011%
15	4.507	424	427	434	rVB2	592	961	0.00%	0.002%
16	4.909	483	493	511	rVB2	18556	64768	0.22%	0.165%
17	5.427	568	578	586	rBV2	2991	8469	0.03%	0.022%
18	5.775	630	635	639	rVV5	799	1783	0.01%	0.005%
19	5.934	650	661	673	rBV3	11223	32559	0.11%	0.083%
20	6.903	815	820	828	rBV3	617	1267	0.00%	0.003%
21	7.080	841	849	853	rBV	23488	56667	0.19%	0.144%
22	7.171	853	864	878	rVB	571547	1557843	5.28%	3.972%
23	7.543	918	925	932	rBV4	697	1725	0.01%	0.004%
24	7.647	932	942	956	rVB	155312	376342	1.28%	0.959%
25	7.945	988	991	993	rBV2	483	628	0.00%	0.002%
26	8.275	1034	1045	1060	rBV2	283559	848582	2.88%	2.163%
27	8.842	1129	1138	1153	rBV	324873	640998	2.17%	1.634%
28	9.091	1169	1179	1192	rBV	675680	1326589	4.49%	3.382%
29	9.274	1200	1209	1218	rBV	194255	391216	1.33%	0.997%
30	9.421	1228	1233	1235	rBV3	471	740	0.00%	0.002%
31	9.445	1235	1237	1241	rVB3	424	539	0.00%	0.001%
32	9.658	1268	1272	1279	rVB4	815	1839	0.01%	0.005%
33	9.774	1284	1291	1292	rBV3	228	537	0.00%	0.001%
34	9.896	1308	1311	1317	rVB4	700	946	0.00%	0.002%

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 Title : VOC Analysis

35	10.036	1326	1334	1341	rBV	105876	185781	0.63%	0.474%
36	10.134	1345	1350	1357	rVB4	979	1996	0.01%	0.005%
37	10.213	1360	1363	1367	rVB2	912	1014	0.00%	0.003%
38	10.323	1373	1381	1390	rBV	412743	716214	2.43%	1.826%
39	10.390	1390	1392	1397	rVV2	2855	3760	0.01%	0.010%
40	10.579	1416	1423	1434	rBV	68957	117162	0.40%	0.299%
41	10.670	1434	1438	1440	rVV3	954	1286	0.00%	0.003%
42	10.707	1440	1444	1450	rVV2	5197	8724	0.03%	0.022%
43	10.792	1454	1458	1461	rVV4	2653	4142	0.01%	0.011%
44	10.866	1461	1470	1477	rVV	16285315	29515557	100.00%	75.247%
45	10.927	1477	1480	1492	rVB	95821	156940	0.53%	0.400%
46	11.061	1497	1502	1514	rVB2	13202	23715	0.08%	0.060%
47	11.262	1533	1535	1536	rBV	834	679	0.00%	0.002%
48	11.396	1554	1557	1560	rBV4	577	830	0.00%	0.002%
49	11.512	1573	1576	1577	rBV2	1016	1087	0.00%	0.003%
50	11.634	1588	1596	1606	rBV	421145	691711	2.34%	1.763%
51	11.841	1625	1630	1633	rVV3	3062	5693	0.02%	0.015%
52	11.871	1633	1635	1640	rVV4	3105	4734	0.02%	0.012%
53	11.920	1640	1643	1647	rVV5	1465	2021	0.01%	0.005%
54	12.036	1659	1662	1663	rBV3	421	465	0.00%	0.001%
55	12.060	1663	1666	1671	rVB4	818	1358	0.00%	0.003%
56	12.152	1671	1681	1682	rBV6	4366	9577	0.03%	0.024%
57	12.164	1682	1683	1691	rVB5	5488	8375	0.03%	0.021%
58	12.304	1701	1706	1708	rBV4	2439	3877	0.01%	0.010%
59	12.341	1708	1712	1716	rVV5	5141	10017	0.03%	0.026%
60	12.384	1717	1719	1724	rVV2	5878	8842	0.03%	0.023%
61	12.469	1728	1733	1737	rVB4	3262	5724	0.02%	0.015%
62	12.615	1752	1757	1761	rBV3	6268	10608	0.04%	0.027%
63	12.694	1761	1770	1780	rBV	159103	270008	0.91%	0.688%
64	12.786	1780	1785	1792	rVB7	8348	17508	0.06%	0.045%
65	12.865	1792	1798	1800	rBV4	6103	10118	0.03%	0.026%
66	12.938	1805	1810	1816	rVV5	16197	36024	0.12%	0.092%
67	12.993	1816	1819	1823	rVB4	4392	6185	0.02%	0.016%
68	13.103	1829	1837	1843	rBV4	5360	15886	0.05%	0.040%
69	13.170	1844	1848	1856	rVB9	8307	16859	0.06%	0.043%
70	13.249	1856	1861	1867	rBV	45513	71404	0.24%	0.182%
71	13.383	1878	1883	1888	rBV4	9800	16562	0.06%	0.042%

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72	13.450	1890	1894	1897	rVB4	8934	13278	0.04%	0.034%
73	13.493	1897	1901	1905	rVB4	4487	6639	0.02%	0.017%
74	13.560	1905	1912	1920	rVB	362220	590202	2.00%	1.505%
75	13.652	1924	1927	1932	rVV2	5341	7957	0.03%	0.020%
76	13.719	1936	1938	1941	rVV2	5163	5747	0.02%	0.015%
77	13.755	1941	1944	1947	rVV5	4608	6389	0.02%	0.016%
78	13.798	1947	1951	1954	rVV2	11517	18554	0.06%	0.047%
79	13.853	1954	1960	1970	rVB	294794	538080	1.82%	1.372%
80	14.011	1982	1986	1988	rBV2	8913	11968	0.04%	0.031%
81	14.097	1997	2000	2005	rVB2	19174	28029	0.09%	0.071%
82	14.206	2012	2018	2023	rVB2	21817	35914	0.12%	0.092%
83	14.267	2023	2028	2034	rBV6	8061	18050	0.06%	0.046%
84	14.334	2034	2039	2044	rBV5	9992	19429	0.07%	0.050%
85	14.389	2044	2048	2050	rBV4	8280	12470	0.04%	0.032%
86	14.420	2050	2053	2057	rVV3	10564	15103	0.05%	0.039%
87	14.456	2057	2059	2063	rVB	10600	12765	0.04%	0.033%
88	14.499	2063	2066	2070	rBV4	6110	11568	0.04%	0.029%
89	14.700	2094	2099	2102	rBV6	4611	9078	0.03%	0.023%
90	14.798	2109	2115	2122	rBV5	10073	26847	0.09%	0.068%
91	14.865	2123	2126	2130	rVV6	2545	4279	0.01%	0.011%
92	14.956	2137	2141	2146	rBV3	9122	14906	0.05%	0.038%
93	15.377	2204	2210	2211	rBV3	1782	3212	0.01%	0.008%
94	15.432	2212	2219	2225	rBV8	6225	17009	0.06%	0.043%
95	15.651	2249	2255	2256	rBV6	2318	3631	0.01%	0.009%
96	16.176	2333	2341	2347	rBV10	2788	6869	0.02%	0.018%
97	16.358	2368	2371	2372	rBV3	762	880	0.00%	0.002%
98	16.438	2382	2384	2385	rBV	852	750	0.00%	0.002%
99	16.633	2412	2416	2417	rBV2	1825	2211	0.01%	0.006%
100	16.706	2425	2428	2430	rBV3	692	848	0.00%	0.002%

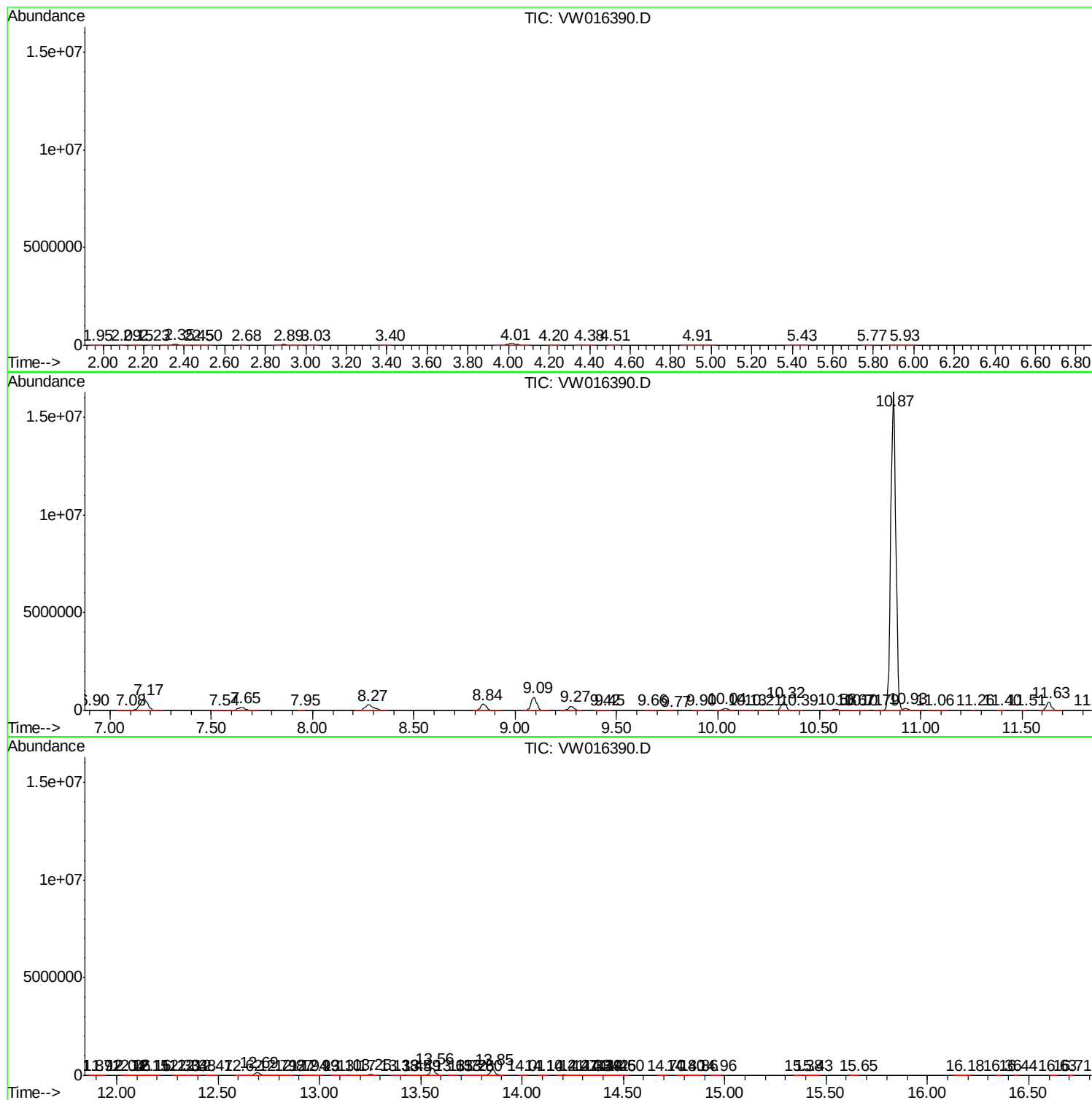
Sum of corrected areas: 39224750

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
Quant Title : VOC Analysis

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



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Instrument :
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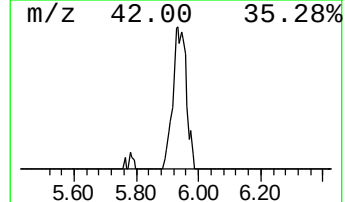
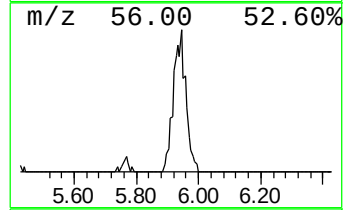
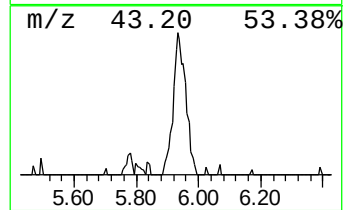
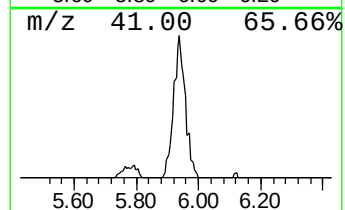
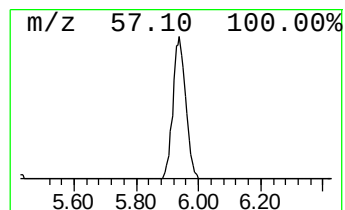
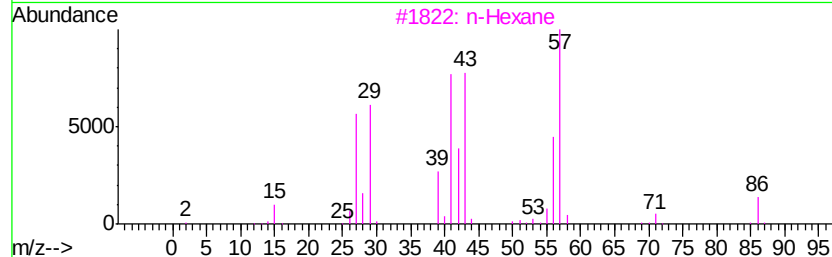
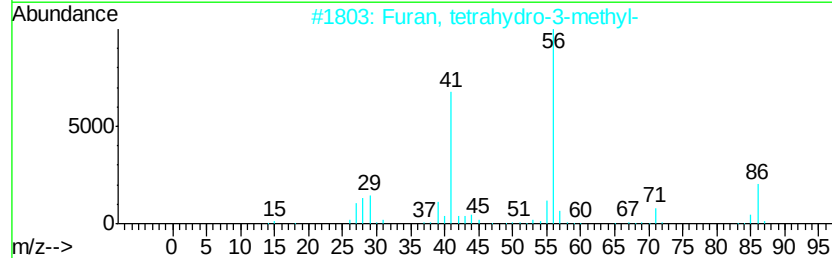
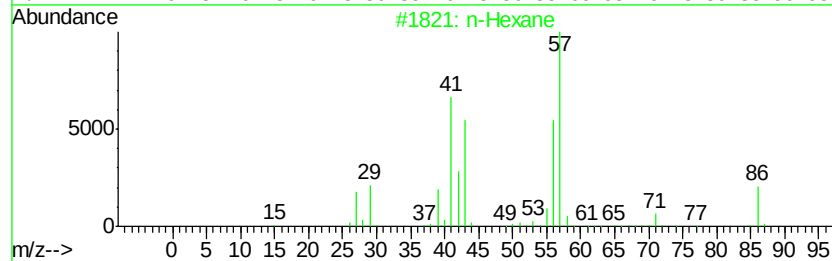
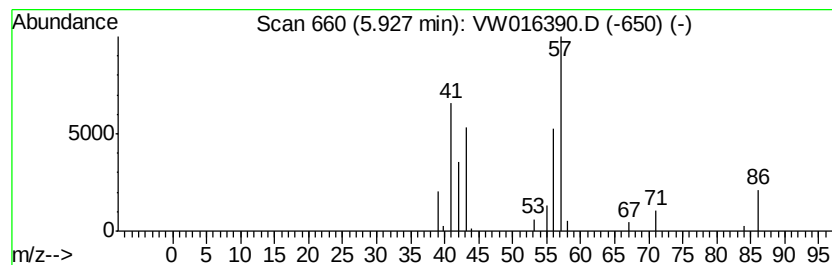
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	1.27 ug/L	32559	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	86
2		Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	53
3		n-Hexane	86	C6H14	000110-54-3	50
4		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	47
5		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	37



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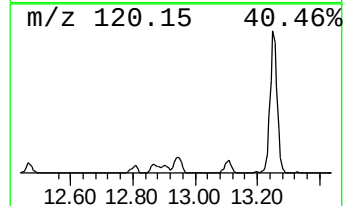
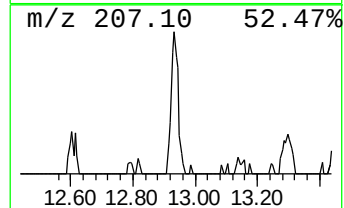
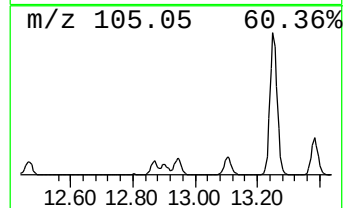
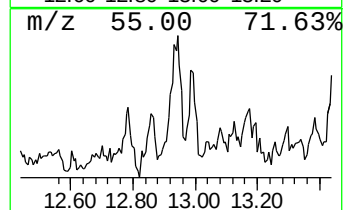
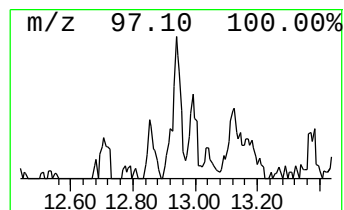
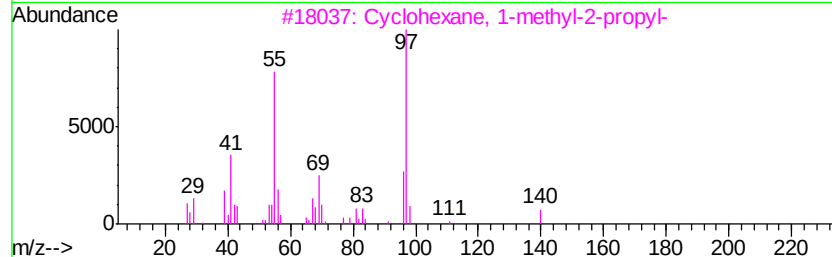
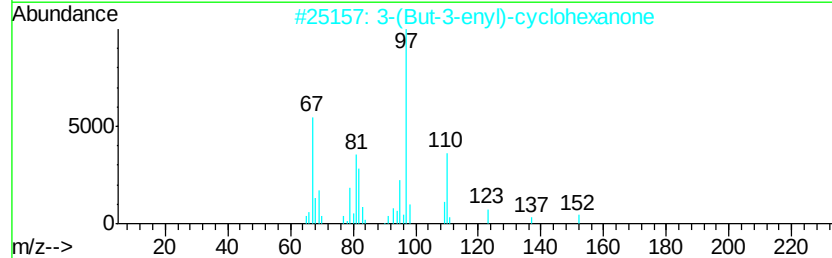
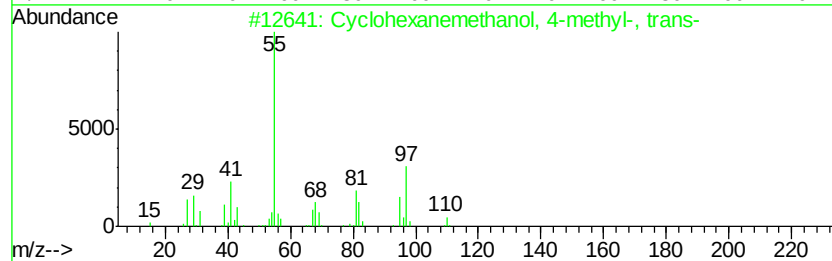
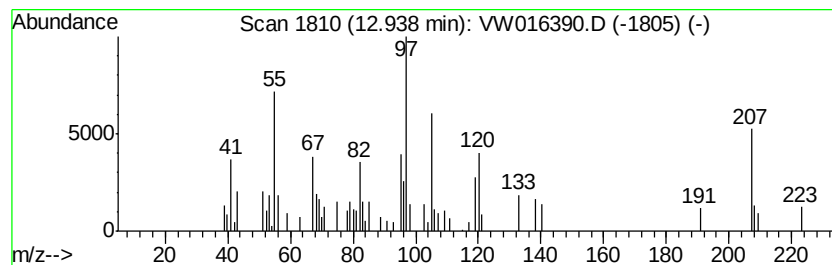
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Quant Title : VOC Analysis

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

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	1.53 ug/L	36024	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanemethanol, 4-methyl-, ...	128	C8H16O	003937-49-3	35
2		3-(But-3-enyl)-cyclohexanone	152	C10H16O	003636-03-1	27
3		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	25
4		5-Ethyl-2-(2-furyl)-5-(hydroxyme...	212	C11H16O4	1000224-33-2	22
5		Cycloheptanemethanol	128	C8H16O	004448-75-3	22



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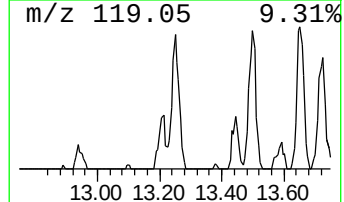
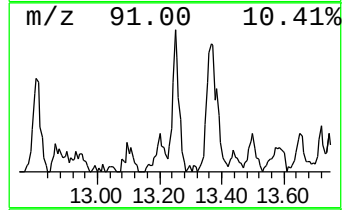
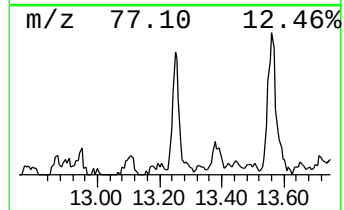
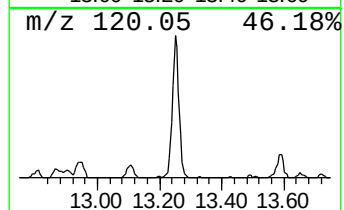
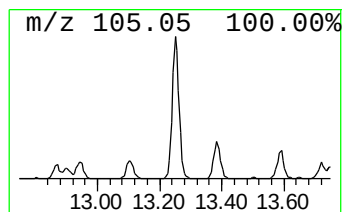
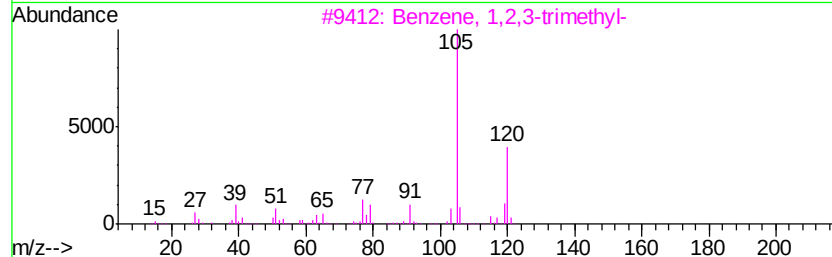
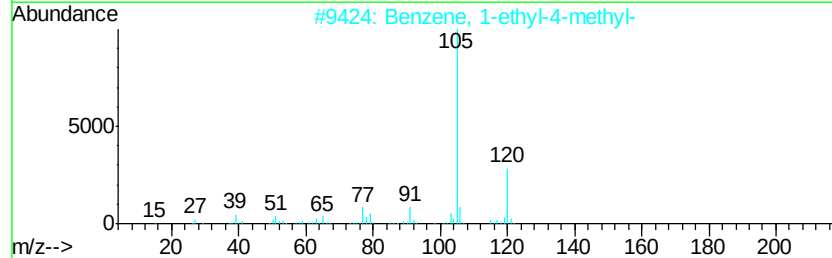
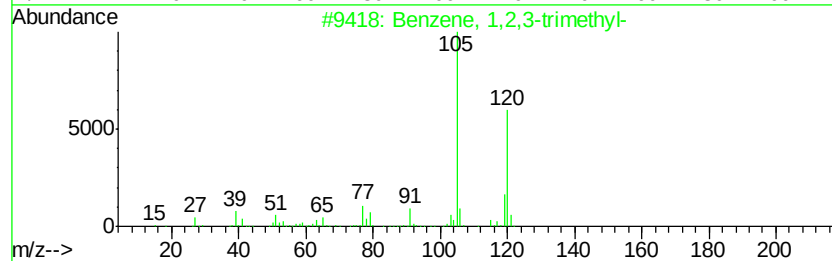
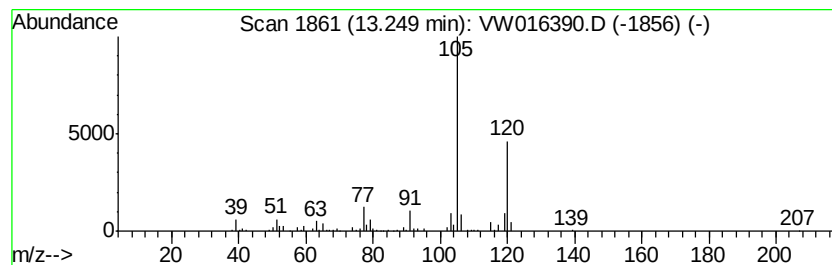
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	3.02 ug/L	71404	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	94
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	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		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082720\
Data File : VW016390.D
Acq On : 27 Aug 2020 15:02
Operator : SY/VA
Sample : L3800-05
Misc : 6.01G/10ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BG3H5

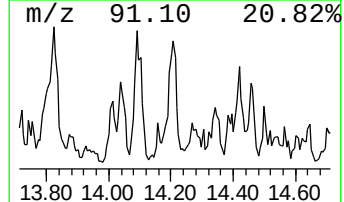
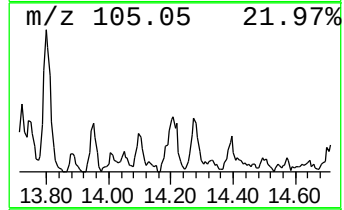
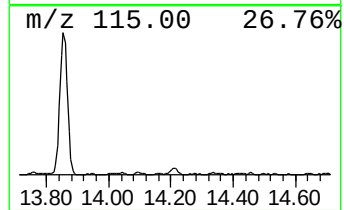
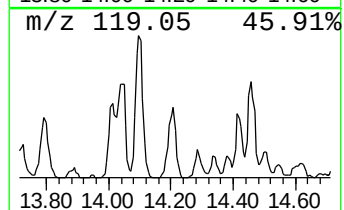
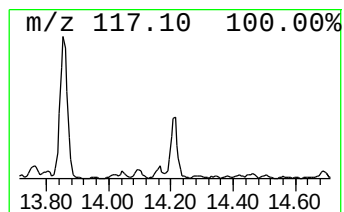
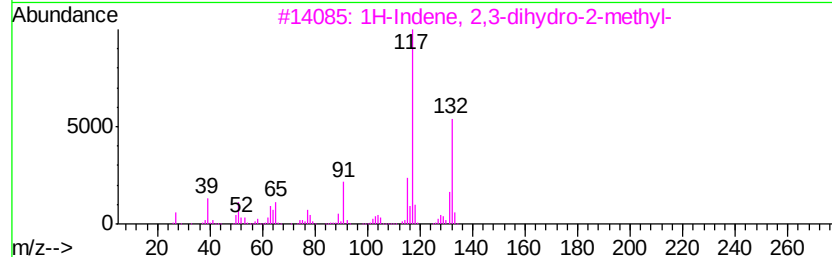
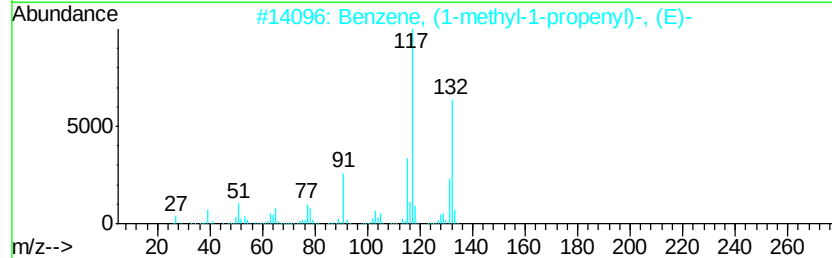
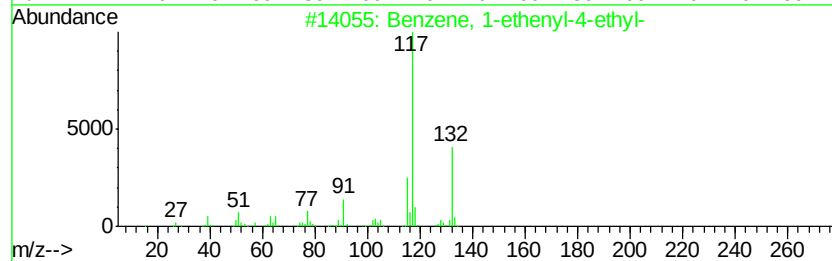
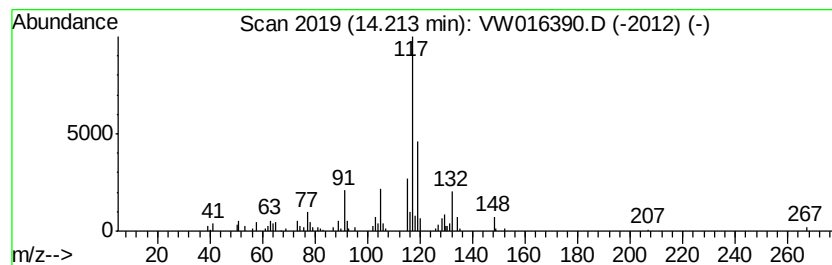
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Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	1.52 ug/L	35914	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	60
2		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	58
3		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	58
4		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	58
5		Indan, 1-methyl-	132	C10H12	000767-58-8	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082720\
Data File : VW016390.D
Acq On : 27 Aug 2020 15:02
Operator : SY/VA
Sample : L3800-05
Misc : 6.01G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3H5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.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...	5.93	1.3	ug/L	32559	1	8.84	640998	25.0
unknown-01	12.94	1.5	ug/L	36024	3	13.56	590202	25.0
Benzene, 1,2,3-tr...	13.25	3.0	ug/L	71404	3	13.56	590202	25.0
Benzene, 1-etheny...	14.21	1.5	ug/L	35914	3	13.56	590202	25.0