

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030921\
 Data File : VW018265.D
 Acq On : 09 Mar 2021 15:04
 Operator : SY/VA
 Sample : M1610-04
 Misc : 6.34G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG557

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M

Title : VOC Analysis

Signal : TIC: VW018265.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.959	4	9	27	rVB2	97715	169803	17.47%	2.299%
2	2.172	42	44	55	rVB	6880	11437	1.18%	0.155%
3	2.355	64	74	86	rBV2	96619	214089	22.03%	2.899%
4	2.459	86	91	103	rVV2	18016	34125	3.51%	0.462%
5	2.574	105	110	121	rVB2	11569	24412	2.51%	0.331%
6	2.715	132	133	136	rBV	683	571	0.06%	0.008%
7	2.891	154	162	176	rVB	49886	120313	12.38%	1.629%
8	3.032	180	185	192	rVB2	5625	12246	1.26%	0.166%
9	3.306	222	230	237	rBV2	10874	24047	2.47%	0.326%
10	3.403	238	246	261	rVB5	13027	43482	4.47%	0.589%
11	3.592	270	277	278	rBV2	2305	3392	0.35%	0.046%
12	3.751	294	303	314	rBV3	5520	16473	1.69%	0.223%
13	3.861	314	321	334	rVB4	3083	9207	0.95%	0.125%
14	4.019	336	347	360	rBV	128651	380703	39.17%	5.155%
15	4.422	411	413	414	rVV2	477	500	0.05%	0.007%
16	4.446	414	417	420	rVV4	1136	2038	0.21%	0.028%
17	4.507	421	427	437	rVB3	4602	13068	1.34%	0.177%
18	4.781	459	472	473	rBV6	2626	6616	0.68%	0.090%
19	4.922	484	495	510	rBV3	9288	35698	3.67%	0.483%
20	5.184	532	538	547	rVV4	659	2052	0.21%	0.028%
21	5.385	569	571	572	rBV2	356	348	0.04%	0.005%
22	5.647	610	614	620	rVB2	530	883	0.09%	0.012%
23	5.787	624	637	649	rVV4	5014	19631	2.02%	0.266%
24	5.946	653	663	671	rVB3	6876	19679	2.02%	0.266%
25	6.116	681	691	697	rBV6	1605	4606	0.47%	0.062%
26	6.208	702	706	708	rBV3	845	1219	0.13%	0.017%
27	6.574	758	766	773	rVB6	2004	5008	0.52%	0.068%
28	6.732	788	792	799	rVB4	503	1071	0.11%	0.015%
29	6.909	813	821	830	rBV5	1343	3493	0.36%	0.047%
30	7.080	839	849	857	rBV	18731	54774	5.64%	0.742%
31	7.421	898	905	912	rBV3	529	1319	0.14%	0.018%
32	7.555	920	927	933	rBV5	2561	5701	0.59%	0.077%
33	7.647	933	942	952	rBV	174677	433002	44.55%	5.863%
34	7.823	966	971	973	rBV4	577	881	0.09%	0.012%
35	7.933	982	989	994	rVB5	1202	2592	0.27%	0.035%
36	8.006	996	1001	1005	rBV4	1013	2135	0.22%	0.029%

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37	8.159	1019	1026	1033	rVB6	1804	4491	0.46%	0.061%
38	8.275	1033	1045	1061	rBV2	327361	971942	100.00%	13.160%
39	8.531	1078	1087	1090	rBV5	1361	2907	0.30%	0.039%
40	8.585	1093	1096	1106	rVB3	3033	6435	0.66%	0.087%
41	8.695	1108	1114	1123	rBV6	2648	6436	0.66%	0.087%
42	8.842	1129	1138	1151	rBV	283088	563294	57.96%	7.627%
43	8.994	1160	1163	1166	rBV2	326	324	0.03%	0.004%
44	9.085	1171	1178	1187	rBV5	2265	5132	0.53%	0.069%
45	9.177	1192	1193	1198	rVB	227	266	0.03%	0.004%
46	9.274	1201	1209	1219	rBV	212063	432019	44.45%	5.850%
47	9.500	1243	1246	1250	rVV2	462	694	0.07%	0.009%
48	9.665	1269	1273	1276	rBV	641	989	0.10%	0.013%
49	9.738	1281	1285	1288	rBV4	887	1647	0.17%	0.022%
50	10.036	1327	1334	1341	rBV	103208	183872	18.92%	2.490%
51	10.171	1354	1356	1358	rBV2	279	253	0.03%	0.003%
52	10.323	1373	1381	1389	rBV	489008	857184	88.19%	11.607%
53	10.579	1416	1423	1430	rBV	68597	116781	12.02%	1.581%
54	10.707	1438	1444	1450	rBV2	8428	13707	1.41%	0.186%
55	10.927	1474	1480	1494	rVB	79531	138724	14.27%	1.878%
56	11.067	1498	1503	1512	rBV	11385	18929	1.95%	0.256%
57	11.628	1588	1595	1604	rBV	395490	671132	69.05%	9.087%
58	11.725	1607	1611	1617	rVB3	1509	2330	0.24%	0.032%
59	11.835	1625	1629	1632	rBV4	1032	2031	0.21%	0.028%
60	12.146	1678	1680	1681	rBV	373	241	0.02%	0.003%
61	12.280	1701	1702	1705	rVB3	395	345	0.04%	0.005%
62	12.341	1705	1712	1715	rBV3	919	1729	0.18%	0.023%
63	12.457	1729	1731	1732	rBV	395	321	0.03%	0.004%
64	12.609	1749	1756	1762	rBV	20950	33225	3.42%	0.450%
65	12.688	1762	1769	1778	rBV	150217	253267	26.06%	3.429%
66	12.804	1784	1788	1791	rVB3	375	594	0.06%	0.008%
67	12.835	1791	1793	1795	rBV2	310	283	0.03%	0.004%
68	12.859	1795	1797	1799	rVV2	392	284	0.03%	0.004%
69	12.896	1801	1803	1805	rVV3	395	373	0.04%	0.005%
70	12.932	1805	1809	1813	rVV3	766	1188	0.12%	0.016%
71	12.999	1817	1820	1823	rVV2	280	255	0.03%	0.003%
72	13.042	1825	1827	1829	rBV	357	375	0.04%	0.005%
73	13.194	1848	1852	1855	rBV3	352	639	0.07%	0.009%
74	13.396	1881	1885	1891	rBV4	2023	3259	0.34%	0.044%
75	13.469	1894	1897	1901	rBV5	500	864	0.09%	0.012%
76	13.554	1904	1911	1919	rVV	408178	655054	67.40%	8.870%

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77	13.633	1922	1924	1925	rBV	387	253	0.03%	0.003%
78	13.761	1940	1945	1950	rBV3	428	634	0.07%	0.009%
79	13.853	1953	1960	1967	rVV	443548	707217	72.76%	9.576%
80	14.017	1982	1987	1990	rBV2	365	748	0.08%	0.010%
81	14.066	1990	1995	2001	rVB2	9399	14565	1.50%	0.197%
82	14.322	2032	2037	2045	rVV	7024	11033	1.14%	0.149%
83	14.621	2081	2086	2088	rBV2	307	415	0.04%	0.006%
84	14.682	2093	2096	2099	rBV2	309	435	0.04%	0.006%
85	14.719	2099	2102	2107	rVB4	881	1191	0.12%	0.016%
86	14.767	2107	2110	2111	rBV2	294	265	0.03%	0.004%
87	14.871	2125	2127	2131	rVB4	406	439	0.05%	0.006%
88	14.975	2143	2144	2147	rBV2	274	252	0.03%	0.003%
89	15.176	2173	2177	2186	rVB4	2812	4382	0.45%	0.059%
90	15.432	2217	2219	2222	rBV2	441	521	0.05%	0.007%
91	15.493	2224	2229	2233	rVB2	1404	2289	0.24%	0.031%
92	15.542	2233	2237	2240	rBV4	434	667	0.07%	0.009%
93	15.706	2263	2264	2266	rBV	303	249	0.03%	0.003%
94	15.798	2277	2279	2283	rBV2	245	314	0.03%	0.004%
95	15.956	2303	2305	2308	rVV3	422	429	0.04%	0.006%
96	16.078	2324	2325	2332	rBV3	569	1014	0.10%	0.014%
97	16.212	2344	2347	2351	rBV2	310	484	0.05%	0.007%
98	16.328	2363	2366	2369	rVB	293	362	0.04%	0.005%
99	16.395	2373	2377	2379	rBV2	298	329	0.03%	0.004%
100	16.493	2388	2393	2397	rVB2	1445	2429	0.25%	0.033%

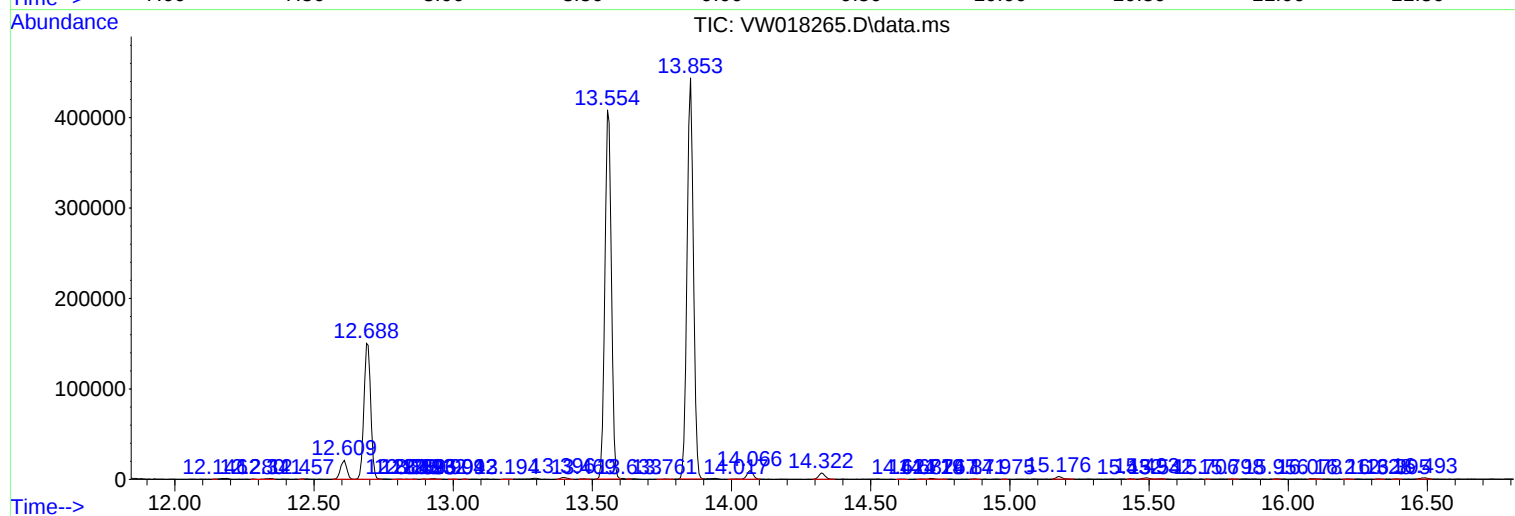
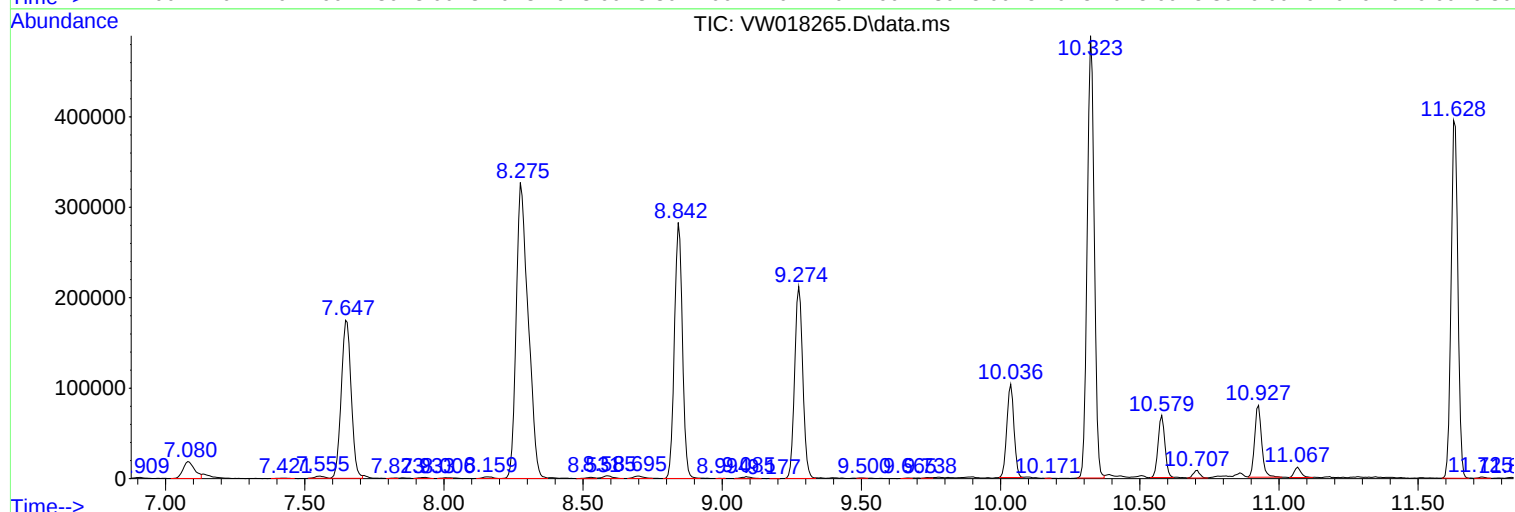
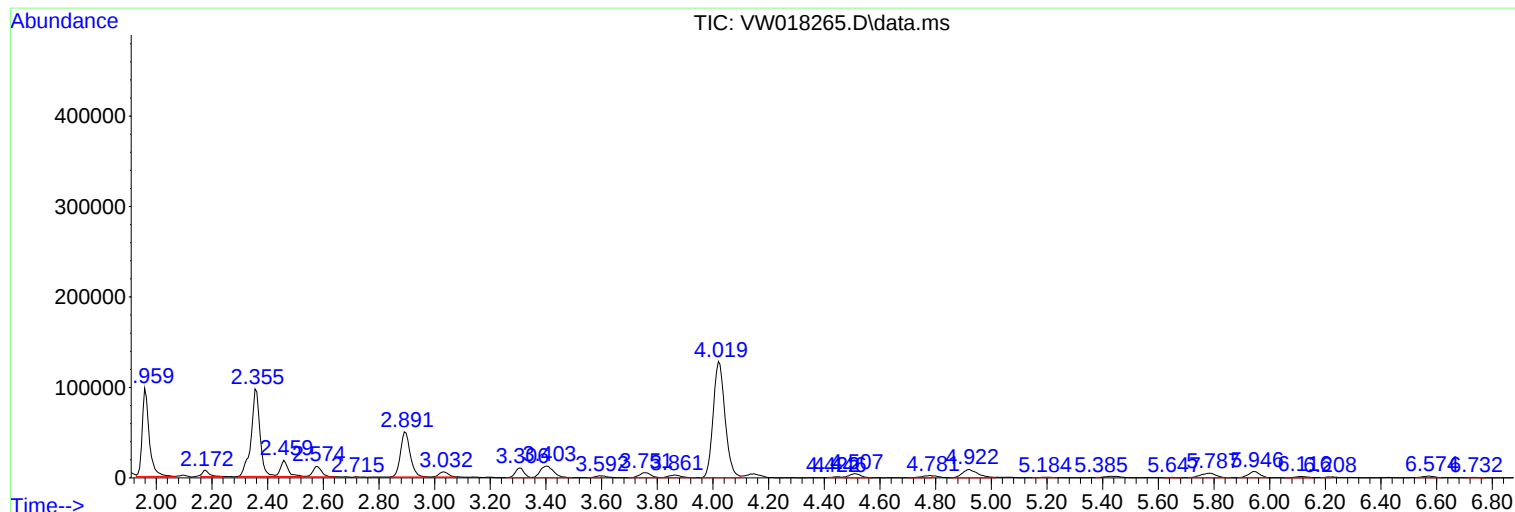
Sum of corrected areas: 7385345

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
Quant Title : VOC Analysis

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



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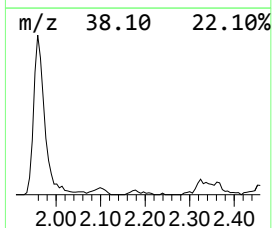
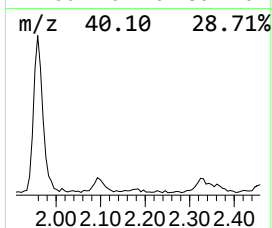
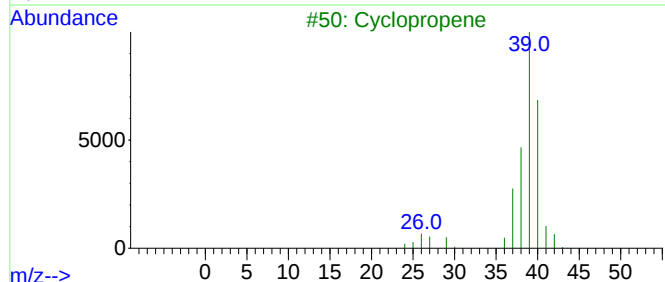
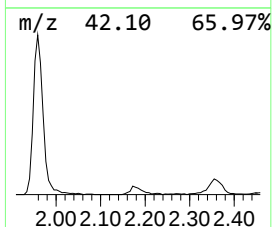
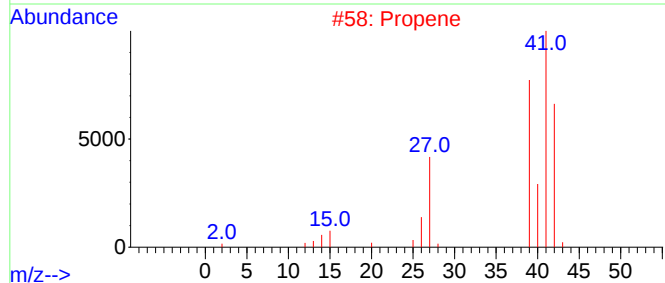
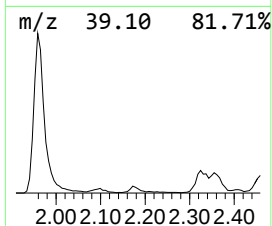
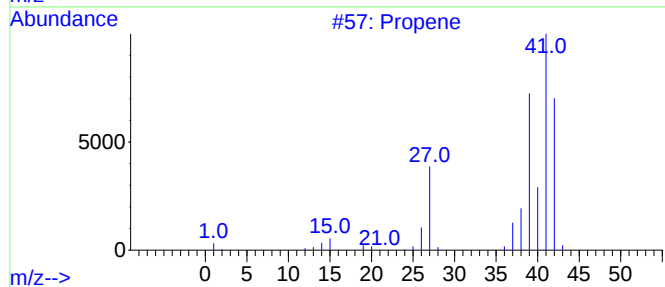
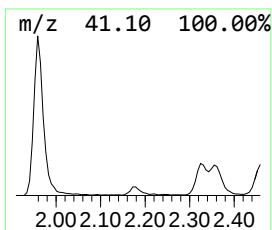
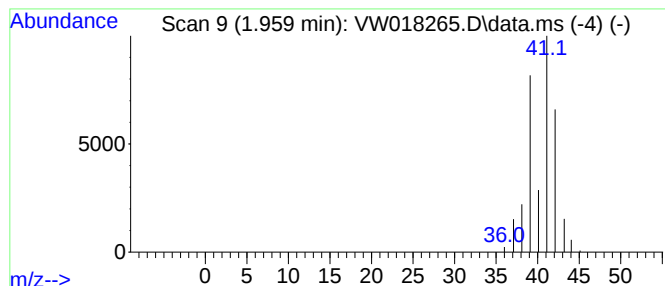
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
Quant Title : VOC Analysis

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.
1.959	7.54 ug/L	169803	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propene	42	C3H6	000115-07-1	90
2			Propene	42	C3H6	000115-07-1	45
3			Cyclopropene	40	C3H4	002781-85-3	10
4			Cyclopropane	42	C3H6	000075-19-4	9
5			Cyclopropane	42	C3H6	000075-19-4	7



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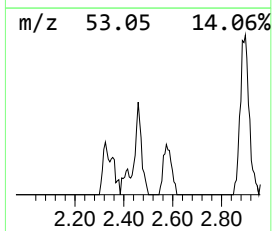
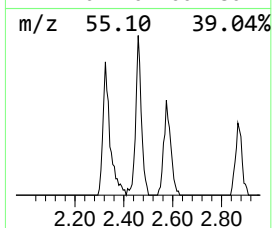
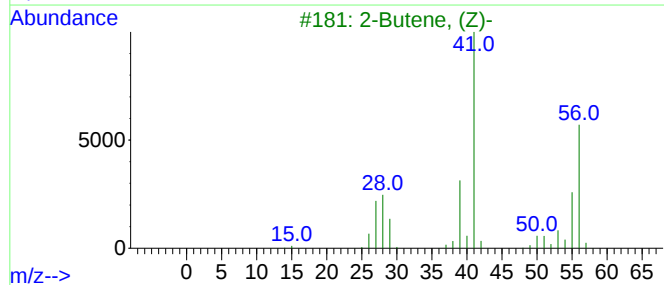
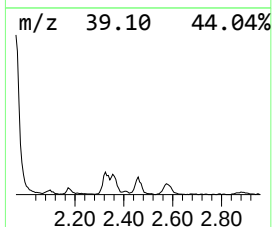
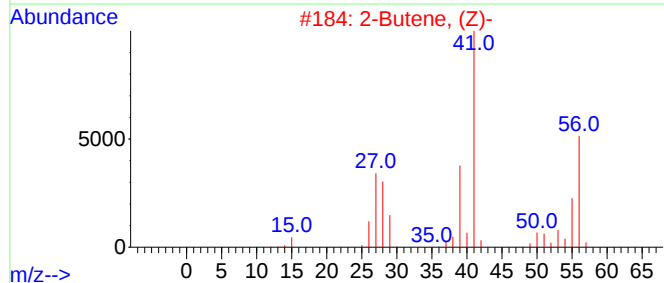
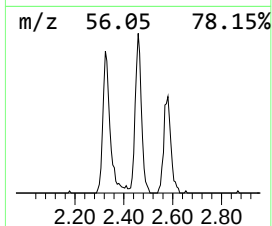
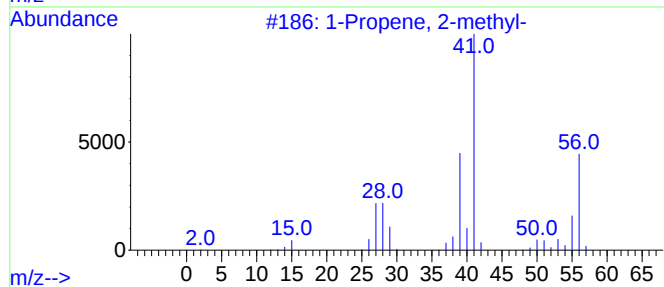
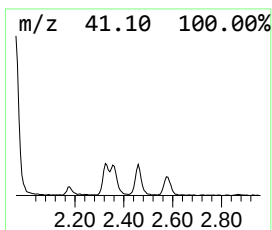
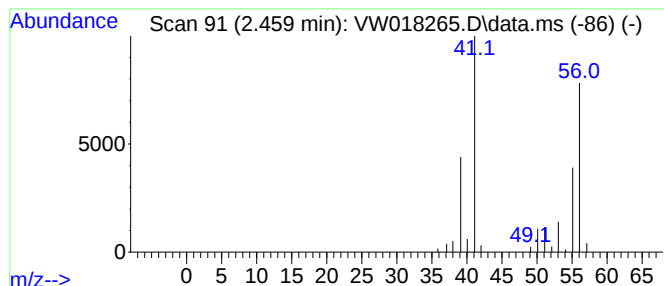
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.459	1.51 ug/L	34125	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
2		2-Butene, (Z)-	56	C4H8	000590-18-1	72
3		2-Butene, (Z)-	56	C4H8	000590-18-1	58
4		1-Butene	56	C4H8	000106-98-9	58
5		1-Butene	56	C4H8	000106-98-9	53



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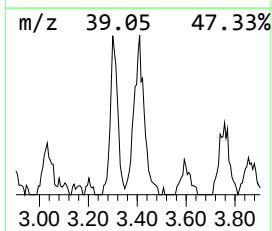
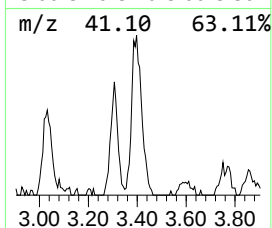
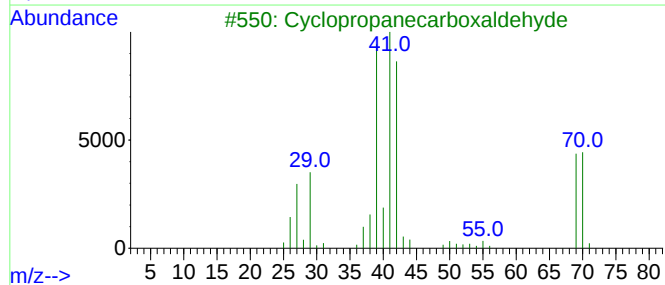
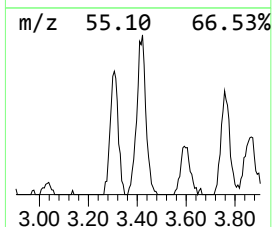
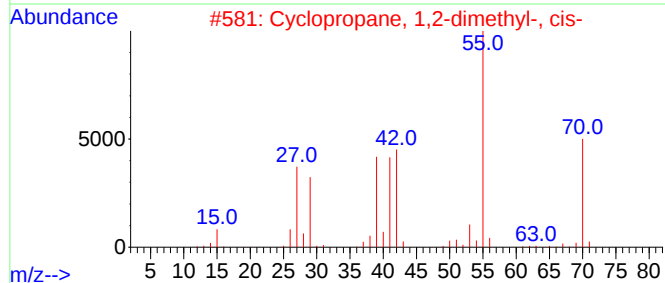
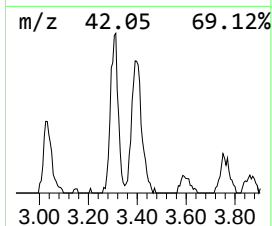
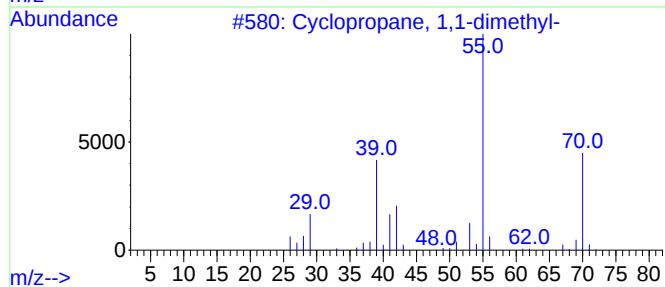
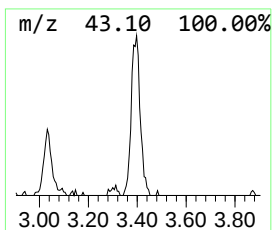
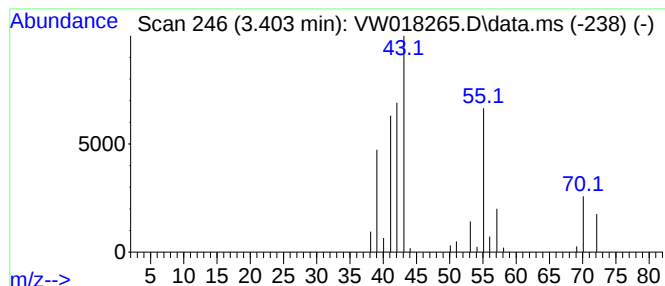
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Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Cyclic3.403 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.403	1.93 ug/L	43482	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	52
2			Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	50
3			Cyclopropanecarboxaldehyde	70	C4H6O	001489-69-6	40
4			Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	38
5			Pentane	72	C5H12	000109-66-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030921\
Data File : VW018265.D
Acq On : 09 Mar 2021 15:04
Operator : SY/VA
Sample : M1610-04
Misc : 6.34G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG557

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.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: S...	1.959	7.5	ug/L	169803	1	8.842	563294	25.0
(DEL) Alkane: S...	2.459	1.5	ug/L	34125	1	8.842	563294	25.0
(DEL) Alkane: C...	3.403	1.9	ug/L	43482	1	8.842	563294	25.0