

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
 Data File : VW018603.D
 Acq On : 08 Apr 2021 15:07
 Operator : SY/VA
 Sample : M1968-09
 Misc : 5.54G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5B3

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\SOM2WLM031921S.M

Title : VOC Analysis

Signal : TIC: VW018603.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.958	4	9	22	rVB2	190733	325938	21.99%	2.650%
2	2.099	28	32	39	rVB2	9594	16663	1.12%	0.135%
3	2.178	41	45	50	rBV	12673	20462	1.38%	0.166%
4	2.361	64	75	86	rBV2	169351	441249	29.77%	3.587%
5	2.458	86	91	103	rVV2	49906	105304	7.11%	0.856%
6	2.580	105	111	121	rVB	35636	77021	5.20%	0.626%
7	2.897	154	163	177	rVB	80850	204434	13.79%	1.662%
8	3.031	180	185	193	rVB3	20260	44537	3.01%	0.362%
9	3.306	220	230	237	rBV3	23134	53072	3.58%	0.431%
10	3.397	237	245	264	rVB3	28910	102026	6.88%	0.829%
11	3.586	268	276	277	rBV5	5737	9455	0.64%	0.077%
12	3.751	295	303	304	rBV4	11686	20361	1.37%	0.166%
13	3.860	313	321	332	rBV4	7371	20421	1.38%	0.166%
14	4.019	336	347	359	rVV	137773	406986	27.46%	3.309%
15	4.147	361	368	380	rVB4	11376	39937	2.69%	0.325%
16	4.434	408	415	417	rVV5	4297	9210	0.62%	0.075%
17	4.513	420	428	437	rVV4	13809	43420	2.93%	0.353%
18	4.696	453	458	460	rBV3	1117	1409	0.10%	0.011%
19	4.781	460	472	482	rVB9	5917	22521	1.52%	0.183%
20	4.915	484	494	511	rVV4	18339	76062	5.13%	0.618%
21	5.043	513	515	518	rVV4	1790	2236	0.15%	0.018%
22	5.196	529	540	548	rBV6	2706	10231	0.69%	0.083%
23	5.433	569	579	592	rVB7	5693	18941	1.28%	0.154%
24	5.635	609	612	614	rBV4	1057	1495	0.10%	0.012%
25	5.781	622	636	649	rBV8	12393	50107	3.38%	0.407%
26	5.945	652	663	674	rVV3	13345	40260	2.72%	0.327%
27	6.122	682	692	698	rBV7	4057	12098	0.82%	0.098%
28	6.201	701	705	707	rBV2	1976	3116	0.21%	0.025%
29	6.409	733	739	740	rBV3	1245	2049	0.14%	0.017%
30	6.573	756	766	776	rVB7	4823	14526	0.98%	0.118%
31	6.714	783	789	791	rBV4	1443	2393	0.16%	0.019%
32	6.890	813	818	820	rBV5	3365	5445	0.37%	0.044%
33	7.085	842	850	856	rBV	32972	93202	6.29%	0.758%
34	7.421	901	905	911	rVB5	1781	4117	0.28%	0.033%
35	7.555	917	927	933	rBV5	8291	24407	1.65%	0.198%
36	7.646	933	942	959	rVB	207063	525388	35.45%	4.272%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M

Title : VOC Analysis

37	7.817	968	970	974	rBV4	1971	3346	0.23%	0.027%
38	7.933	984	989	990	rBV3	2387	2904	0.20%	0.024%
39	8.165	1017	1027	1032	rBV7	4679	11916	0.80%	0.097%
40	8.274	1032	1045	1061	rBV2	408407	1288206	86.92%	10.473%
41	8.530	1080	1087	1089	rBV2	3751	6845	0.46%	0.056%
42	8.591	1092	1097	1108	rVB7	8287	20035	1.35%	0.163%
43	8.695	1108	1114	1123	rBV8	6479	17633	1.19%	0.143%
44	8.841	1129	1138	1156	rBV	631735	1244478	83.97%	10.118%
45	9.097	1168	1180	1188	rVB9	5001	14847	1.00%	0.121%
46	9.274	1197	1209	1220	rBV	270897	565461	38.15%	4.597%
47	9.390	1224	1228	1229	rBV4	2207	2511	0.17%	0.020%
48	9.500	1244	1246	1248	rVV3	1164	1544	0.10%	0.013%
49	9.524	1248	1250	1254	rVB3	2223	2788	0.19%	0.023%
50	9.707	1275	1280	1282	rBV6	1377	2268	0.15%	0.018%
51	9.744	1283	1286	1288	rBV4	2208	2786	0.19%	0.023%
52	9.865	1303	1306	1307	rBV3	1575	1903	0.13%	0.015%
53	9.896	1307	1311	1317	rVB7	3989	8299	0.56%	0.067%
54	10.036	1327	1334	1342	rBV	117082	208602	14.07%	1.696%
55	10.091	1342	1343	1347	rVB2	2283	2427	0.16%	0.020%
56	10.213	1361	1363	1370	rVB4	1899	2870	0.19%	0.023%
57	10.323	1373	1381	1388	rBV	595650	1079511	72.84%	8.777%
58	10.390	1388	1392	1397	rVB	15682	29381	1.98%	0.239%
59	10.506	1405	1411	1416	rBV6	5981	12019	0.81%	0.098%
60	10.579	1416	1423	1430	rBV	80930	140270	9.46%	1.140%
61	10.707	1438	1444	1449	rVB2	16670	27229	1.84%	0.221%
62	10.780	1451	1456	1463	rBV10	3193	7476	0.50%	0.061%
63	10.847	1464	1467	1468	rBV2	1985	1817	0.12%	0.015%
64	10.926	1474	1480	1493	rBV	129020	226172	15.26%	1.839%
65	11.079	1500	1505	1509	rVB8	4467	7388	0.50%	0.060%
66	11.176	1518	1521	1526	rVB4	2374	3889	0.26%	0.032%
67	11.438	1560	1564	1570	rVB2	16468	27389	1.85%	0.223%
68	11.512	1572	1576	1579	rVB5	991	1529	0.10%	0.012%
69	11.633	1587	1596	1606	rBV	874246	1481803	99.98%	12.047%
70	11.731	1608	1612	1619	rVB4	7483	11572	0.78%	0.094%
71	11.835	1624	1629	1636	rBV4	6322	12614	0.85%	0.103%
72	12.176	1679	1685	1693	rVB5	5781	13710	0.93%	0.111%
73	12.341	1708	1712	1716	rBV6	2596	4871	0.33%	0.040%
74	12.463	1726	1732	1742	rBV9	4965	12736	0.86%	0.104%
75	12.609	1750	1756	1762	rVB2	44926	74708	5.04%	0.607%
76	12.694	1763	1770	1778	rBV	233271	379638	25.61%	3.087%

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Integration Parameters: LSCINT.P

Integrator: RTE

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Title : VOC Analysis

77	12.798	1784	1787	1791	rVB4	1143	1776	0.12%	0.014%
78	12.877	1795	1800	1801	rBV5	948	1440	0.10%	0.012%
79	12.932	1805	1809	1812	rBV4	5130	9109	0.61%	0.074%
80	13.194	1847	1852	1856	rBV4	2407	3332	0.22%	0.027%
81	13.249	1856	1861	1864	rVV3	4239	6819	0.46%	0.055%
82	13.298	1865	1869	1873	rVB6	5987	9921	0.67%	0.081%
83	13.401	1880	1886	1892	rVB4	6416	11523	0.78%	0.094%
84	13.499	1900	1902	1905	rVV4	1857	1716	0.12%	0.014%
85	13.554	1905	1911	1920	rBV	897015	1482096	100.00%	12.050%
86	13.761	1941	1945	1947	rBV4	3600	4163	0.28%	0.034%
87	13.853	1953	1960	1968	rBV	536431	889952	60.05%	7.235%
88	14.017	1982	1987	1990	rBV6	1635	2264	0.15%	0.018%
89	14.066	1990	1995	2001	rVV	11957	18780	1.27%	0.153%
90	14.328	2032	2038	2043	rBV7	6064	11184	0.75%	0.091%
91	14.426	2051	2054	2058	rVB3	1241	1446	0.10%	0.012%
92	14.487	2061	2064	2066	rBV3	1359	1707	0.12%	0.014%
93	14.718	2100	2102	2109	rVB7	2564	4080	0.28%	0.033%
94	14.962	2140	2142	2146	rVB5	1379	1641	0.11%	0.013%
95	15.175	2173	2177	2182	rBV6	1550	2347	0.16%	0.019%
96	15.364	2204	2208	2210	rBV4	1507	2296	0.15%	0.019%
97	15.401	2210	2214	2215	rVV4	2068	3163	0.21%	0.026%
98	15.432	2217	2219	2224	rVB3	4872	6297	0.42%	0.051%
99	15.553	2236	2239	2244	rVV6	2367	3458	0.23%	0.028%
100	15.767	2271	2274	2276	rBV4	1357	1404	0.09%	0.011%

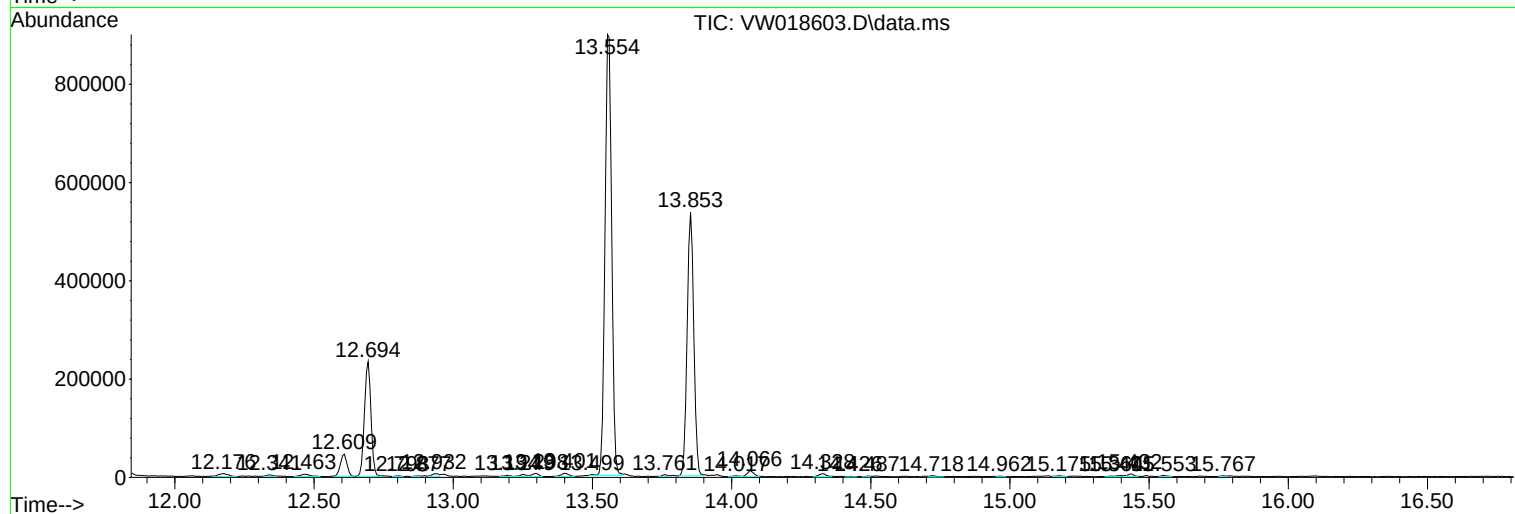
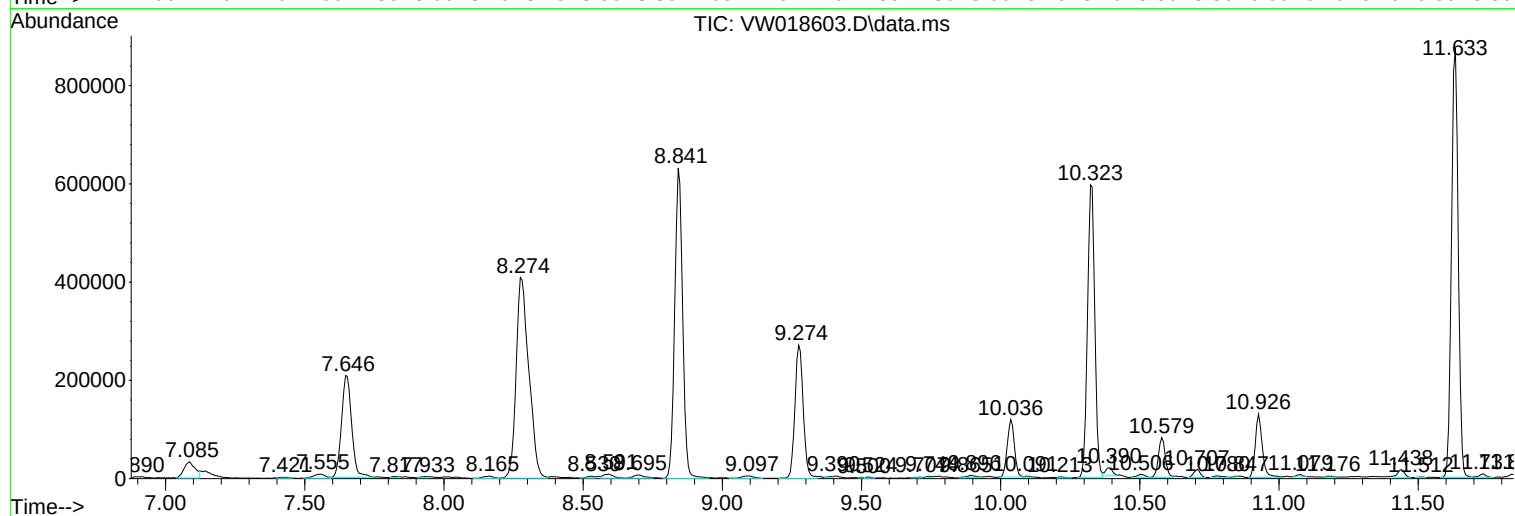
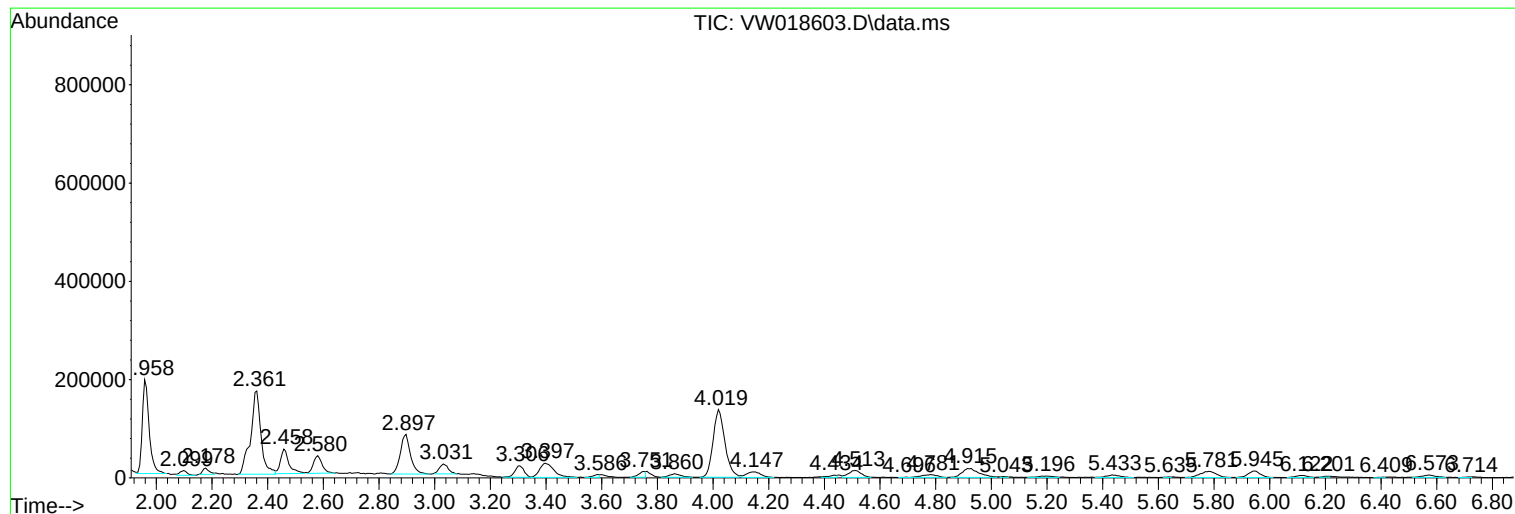
Sum of corrected areas: 12299804

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5B3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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



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Misc : 5.54G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

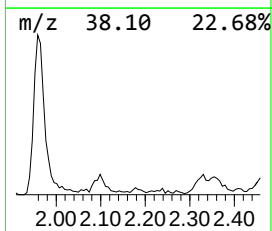
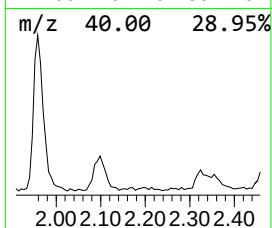
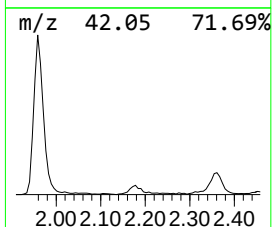
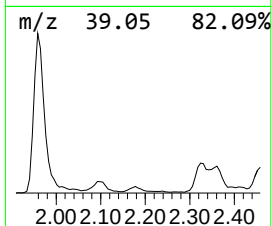
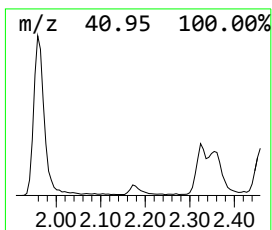
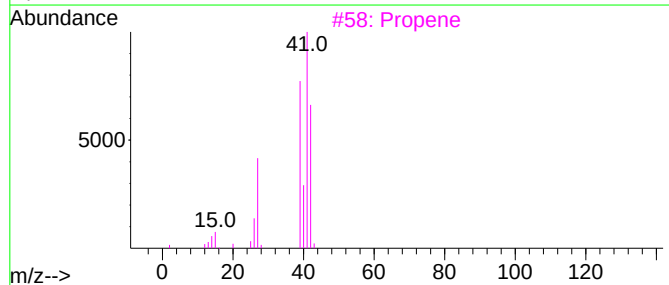
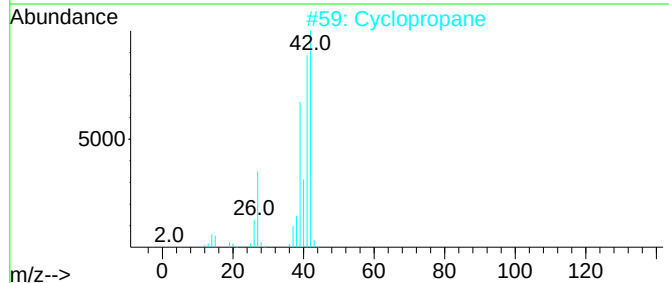
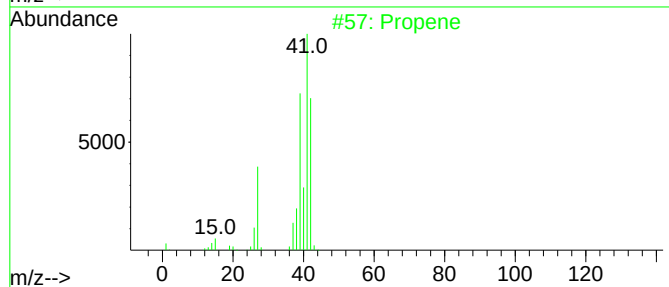
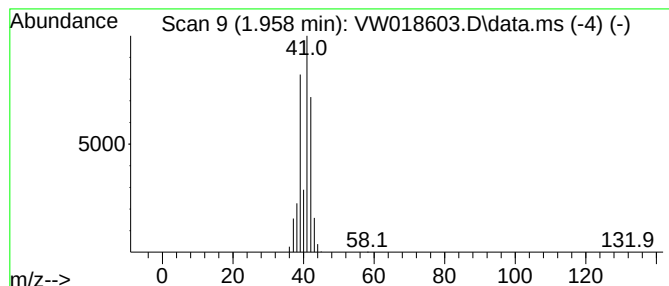
Instrument :
MSVOA_W
ClientSampleId :
BG5B3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
1.958	6.55 ug/L	325938	1,4-Difluorobenzene	8.841	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Cyclopropane	42	C3H6	000075-19-4	72
3	Propene	42	C3H6	000115-07-1	45
4	Cyclopropane	42	C3H6	000075-19-4	14
5	Cyclopropene	40	C3H4	002781-85-3	10



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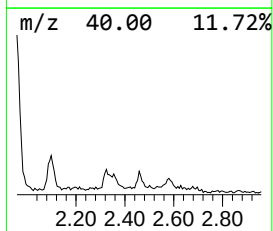
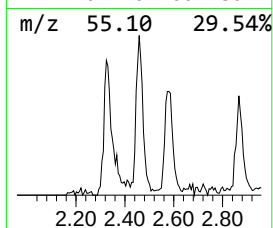
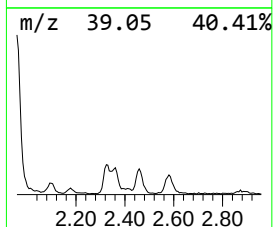
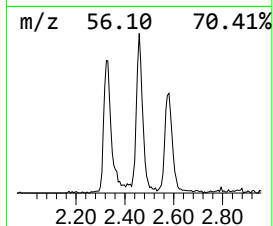
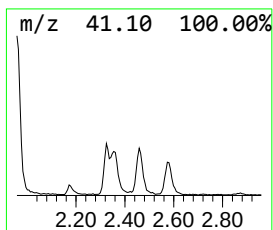
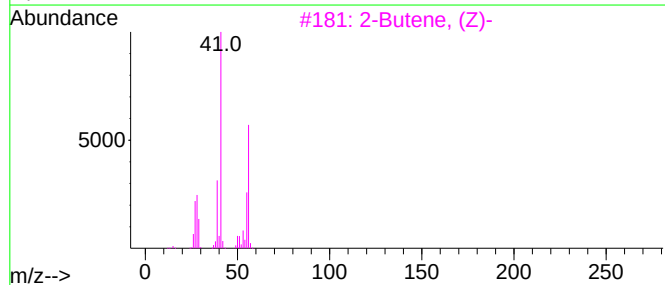
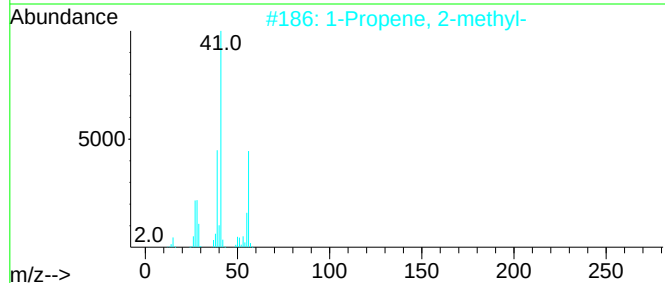
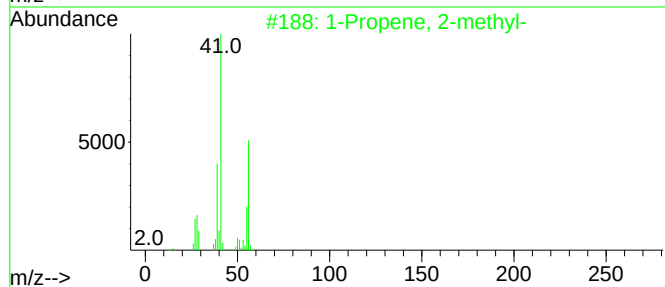
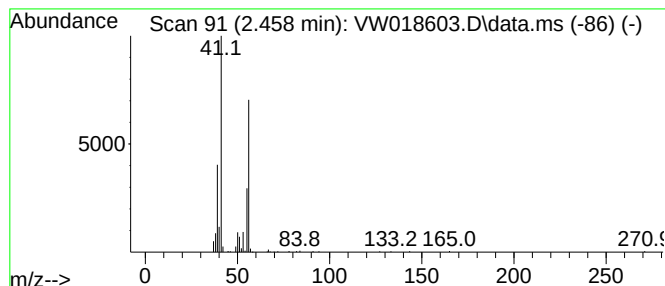
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.458	2.12 ug/L	105304	1,4-Difluorobenzene	8.841

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
2		1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
3		2-Butene, (Z)-	56	C4H8	000590-18-1	72
4		2-Butene, (Z)-	56	C4H8	000590-18-1	64
5		2-Butene, (Z)-	56	C4H8	000590-18-1	59



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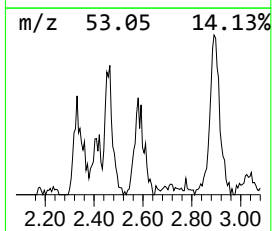
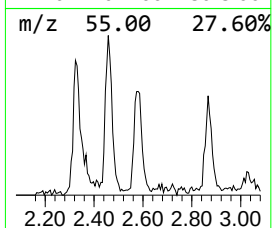
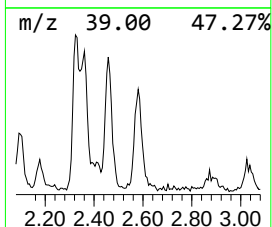
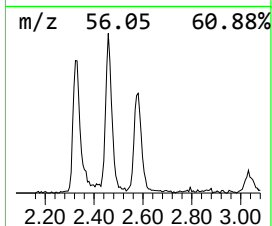
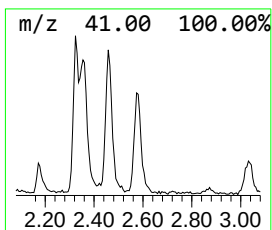
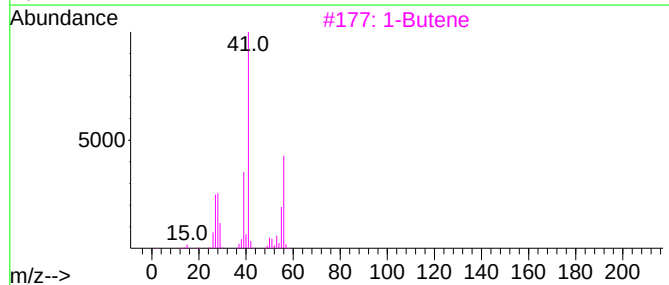
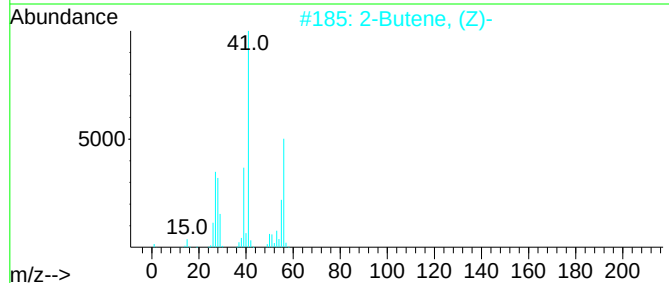
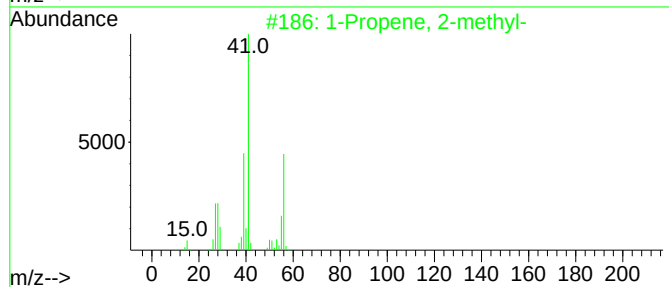
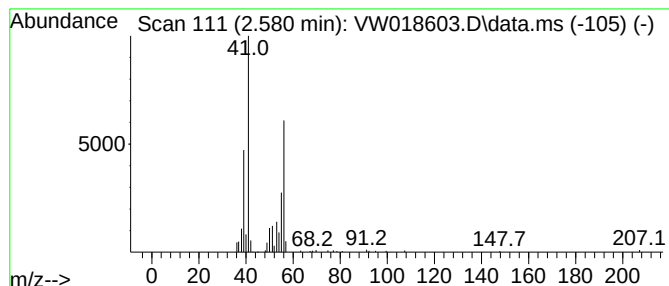
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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.
2.580	1.55 ug/L	77021	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Propene, 2-methyl-	56	C4H8	000115-11-7	72
2			2-Butene, (Z)-	56	C4H8	000590-18-1	59
3			1-Butene	56	C4H8	000106-98-9	59
4			2-Butene, (E)-	56	C4H8	000624-64-6	59
5			2-Butene	56	C4H8	000107-01-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
Data File : VW018603.D
Acq On : 08 Apr 2021 15:07
Operator : SY/VA
Sample : M1968-09
Misc : 5.54G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5B3

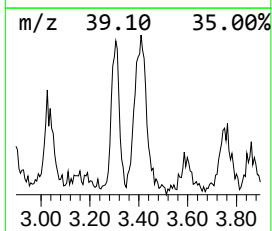
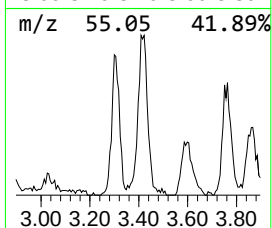
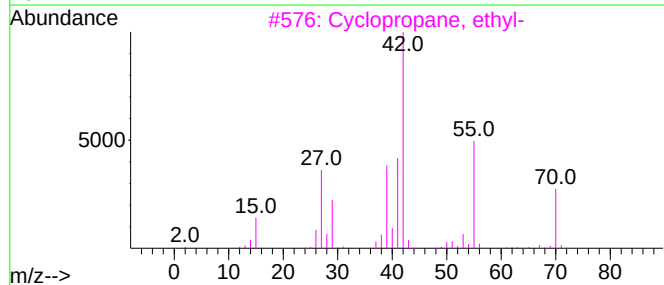
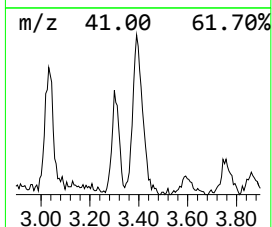
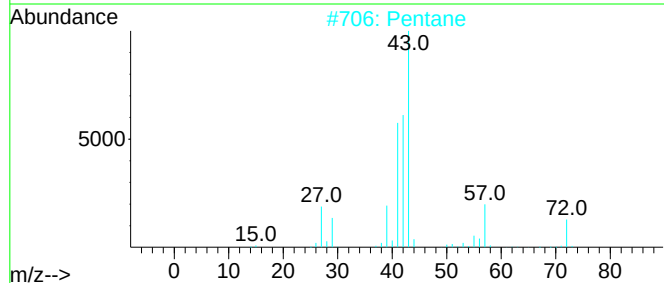
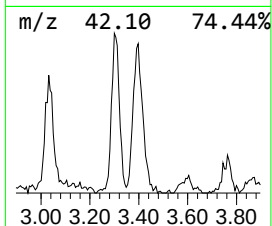
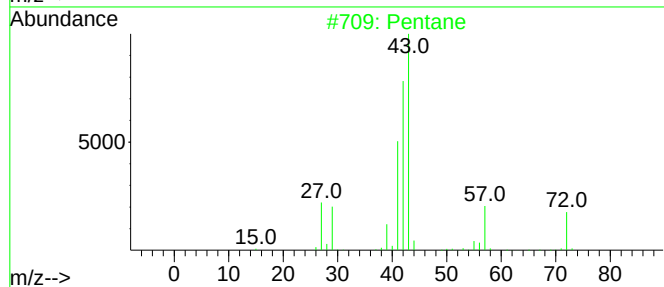
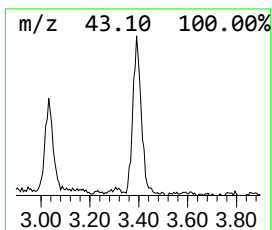
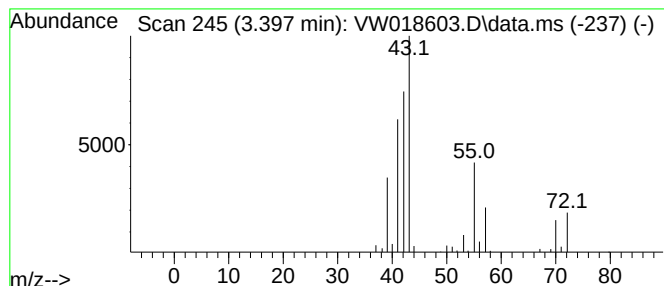
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Quant Title : VOC Analysis

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.
3.397	2.05 ug/L	102026	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane	72	C5H12	000109-66-0	64
2			Pentane	72	C5H12	000109-66-0	64
3			Cyclopropane, ethyl-	70	C5H10	001191-96-4	53
4			Cyclopropane, ethyl-	70	C5H10	001191-96-4	53
5			Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
Data File : VW018603.D
Acq On : 08 Apr 2021 15:07
Operator : SY/VA
Sample : M1968-09
Misc : 5.54G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5B3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.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...	1.958	6.5	ug/L	325938	1	8.841	1244480	25.0
(DEL) Alkane: S...	2.458	2.1	ug/L	105304	1	8.841	1244480	25.0
(DEL) Alkane: S...	2.580	1.6	ug/L	77021	1	8.841	1244480	25.0
(DEL) Alkane: S...	3.397	2.0	ug/L	102026	1	8.841	1244480	25.0