

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017300.D
 Acq On : 17 Nov 2020 21:35
 Operator : SY/VA
 Sample : L4738-06
 Misc : 5.28G/10ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0X3

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\SOM2WLM110420S.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	5	10	26	rVB2	91851	187651	16.12%	1.846%
2	2.172	37	44	61	rBV2	28127	58610	5.03%	0.577%
3	2.355	67	74	84	rVB	164512	302303	25.97%	2.974%
4	2.495	93	97	105	rBV	10676	18902	1.62%	0.186%
5	2.891	155	162	174	rVB	61090	140909	12.10%	1.386%
6	3.026	178	184	194	rVB2	22223	50944	4.38%	0.501%
7	3.306	228	230	232	rBV2	286	219	0.02%	0.002%
8	3.391	236	244	254	rVV2	23494	54237	4.66%	0.534%
9	3.513	261	264	265	rBV2	487	511	0.04%	0.005%
10	3.666	286	289	291	rVV2	346	340	0.03%	0.003%
11	3.684	291	292	295	rVV2	362	367	0.03%	0.004%
12	3.849	313	319	321	rBV4	512	1035	0.09%	0.010%
13	3.873	321	323	325	rVB	367	237	0.02%	0.002%
14	4.019	336	347	359	rBV	130272	388134	33.34%	3.819%
15	4.257	384	386	390	rBV2	169	212	0.02%	0.002%
16	4.397	399	409	410	rBV2	2979	5753	0.49%	0.057%
17	4.611	441	444	446	rBV2	226	297	0.03%	0.003%
18	4.678	453	455	457	rVV2	302	287	0.02%	0.003%
19	4.922	483	495	520	rVV7	12311	56555	4.86%	0.556%
20	5.111	524	526	527	rBV	336	212	0.02%	0.002%
21	5.354	565	566	569	rBV2	261	210	0.02%	0.002%
22	5.440	570	580	593	rVV5	4414	14609	1.25%	0.144%
23	5.562	599	600	605	rVB2	274	250	0.02%	0.002%
24	5.787	631	637	641	rBV3	602	1308	0.11%	0.013%
25	5.946	653	663	674	rVB3	7793	23146	1.99%	0.228%
26	6.062	680	682	684	rBV2	217	231	0.02%	0.002%
27	6.555	759	763	765	rVB2	193	232	0.02%	0.002%
28	6.854	811	812	813	rBV	273	195	0.02%	0.002%
29	6.897	814	819	821	rBV3	1131	1980	0.17%	0.019%
30	6.988	828	834	841	rVB2	2683	6177	0.53%	0.061%
31	7.080	841	849	856	rBV	32281	93956	8.07%	0.924%
32	7.263	877	879	884	rVB3	1000	1114	0.10%	0.011%
33	7.513	912	920	931	rBV6	1023	3545	0.30%	0.035%
34	7.653	933	943	957	rVB	202078	496409	42.64%	4.884%

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 Title : VOC Analysis

35	7.878	979	980	983	rBV	211	271	0.02%	0.003%
36	7.958	983	993	1000	rBV5	7828	21370	1.84%	0.210%
37	8.165	1020	1027	1034	rVB3	3349	6660	0.57%	0.066%
38	8.281	1036	1046	1062	rBV2	371389	1164202	100.00%	11.455%
39	8.512	1080	1084	1086	rBV2	908	1356	0.12%	0.013%
40	8.573	1089	1094	1100	rVB7	1657	3659	0.31%	0.036%
41	8.695	1109	1114	1130	rBV3	3977	8153	0.70%	0.080%
42	8.842	1130	1138	1149	rBV	417459	834655	71.69%	8.212%
43	9.037	1166	1170	1171	rBV3	1056	1196	0.10%	0.012%
44	9.098	1171	1180	1194	rVB	280023	569562	48.92%	5.604%
45	9.274	1200	1209	1216	rBV	248566	507616	43.60%	4.995%
46	9.415	1228	1232	1237	rVB5	1122	2132	0.18%	0.021%
47	9.518	1245	1249	1254	rBV6	1018	2134	0.18%	0.021%
48	9.604	1256	1263	1267	rBV4	1137	2550	0.22%	0.025%
49	9.756	1284	1288	1290	rBV2	356	513	0.04%	0.005%
50	9.957	1318	1321	1323	rBV2	900	1094	0.09%	0.011%
51	10.037	1327	1334	1342	rBV	127944	229975	19.75%	2.263%
52	10.329	1373	1382	1388	rBV	512999	921832	79.18%	9.070%
53	10.390	1388	1392	1398	rVB	28420	49429	4.25%	0.486%
54	10.506	1405	1411	1416	rVB5	2499	4398	0.38%	0.043%
55	10.579	1416	1423	1432	rBV	78559	139838	12.01%	1.376%
56	10.707	1437	1444	1451	rVB	178100	315890	27.13%	3.108%
57	10.823	1461	1463	1464	rBV2	214	211	0.02%	0.002%
58	10.860	1464	1469	1474	rVV4	2823	4908	0.42%	0.048%
59	10.927	1474	1480	1494	rVV	126484	212224	18.23%	2.088%
60	11.183	1518	1522	1526	rVB3	2533	4103	0.35%	0.040%
61	11.231	1526	1530	1537	rVB4	413	963	0.08%	0.009%
62	11.286	1537	1539	1544	rVB2	401	395	0.03%	0.004%
63	11.341	1544	1548	1549	rBV	302	316	0.03%	0.003%
64	11.384	1552	1555	1557	rBV4	429	422	0.04%	0.004%
65	11.402	1557	1558	1561	rBV2	538	625	0.05%	0.006%
66	11.506	1573	1575	1578	rBV2	582	711	0.06%	0.007%
67	11.634	1588	1596	1608	rBV	536795	903448	77.60%	8.889%
68	11.731	1608	1612	1618	rVB2	4937	8481	0.73%	0.083%
69	11.841	1623	1630	1641	rVV3	7166	15503	1.33%	0.153%
70	11.920	1641	1643	1647	rVB2	492	501	0.04%	0.005%
71	12.170	1674	1684	1691	rBV3	5023	10206	0.88%	0.100%

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72	12.237	1693	1695	1699	rVB3	630	844	0.07%	0.008%
73	12.280	1699	1702	1704	rBV3	303	338	0.03%	0.003%
74	12.298	1704	1705	1707	rBV	303	215	0.02%	0.002%
75	12.341	1707	1712	1716	rBV5	1266	2270	0.19%	0.022%
76	12.463	1730	1732	1738	rVB2	1055	1222	0.10%	0.012%
77	12.609	1747	1756	1763	rBV2	320659	522331	44.87%	5.139%
78	12.695	1763	1770	1777	rVV	206019	337382	28.98%	3.320%
79	12.756	1777	1780	1784	rVB2	1391	1660	0.14%	0.016%
80	12.871	1795	1799	1801	rBV2	1995	2284	0.20%	0.022%
81	12.938	1806	1810	1816	rVB6	2524	4363	0.37%	0.043%
82	13.103	1834	1837	1841	rVB2	897	1174	0.10%	0.012%
83	13.195	1848	1852	1857	rBV6	800	1302	0.11%	0.013%
84	13.255	1857	1862	1865	rBV2	3011	4664	0.40%	0.046%
85	13.347	1875	1877	1879	rBV2	269	226	0.02%	0.002%
86	13.408	1879	1887	1892	rBV5	1488	3497	0.30%	0.034%
87	13.560	1905	1912	1923	rBV	419939	664889	57.11%	6.542%
88	13.694	1932	1934	1935	rBV	358	219	0.02%	0.002%
89	13.749	1941	1943	1949	rBV4	556	1097	0.09%	0.011%
90	13.853	1953	1960	1968	rBV	337202	570162	48.97%	5.610%
91	13.975	1976	1980	1983	rVB3	465	647	0.06%	0.006%
92	14.072	1988	1996	2003	rVB2	100247	157735	13.55%	1.552%
93	14.176	2011	2013	2015	rBV	503	324	0.03%	0.003%
94	14.328	2035	2038	2041	rVB3	1228	1521	0.13%	0.015%
95	14.499	2065	2066	2068	rBV	534	361	0.03%	0.004%
96	14.670	2093	2094	2096	rVB	438	218	0.02%	0.002%
97	14.719	2100	2102	2104	rVB2	469	324	0.03%	0.003%
98	14.956	2139	2141	2146	rBV3	588	825	0.07%	0.008%
99	15.109	2163	2166	2167	rBV2	485	542	0.05%	0.005%
100	15.493	2224	2229	2235	rVB	9750	18064	1.55%	0.178%

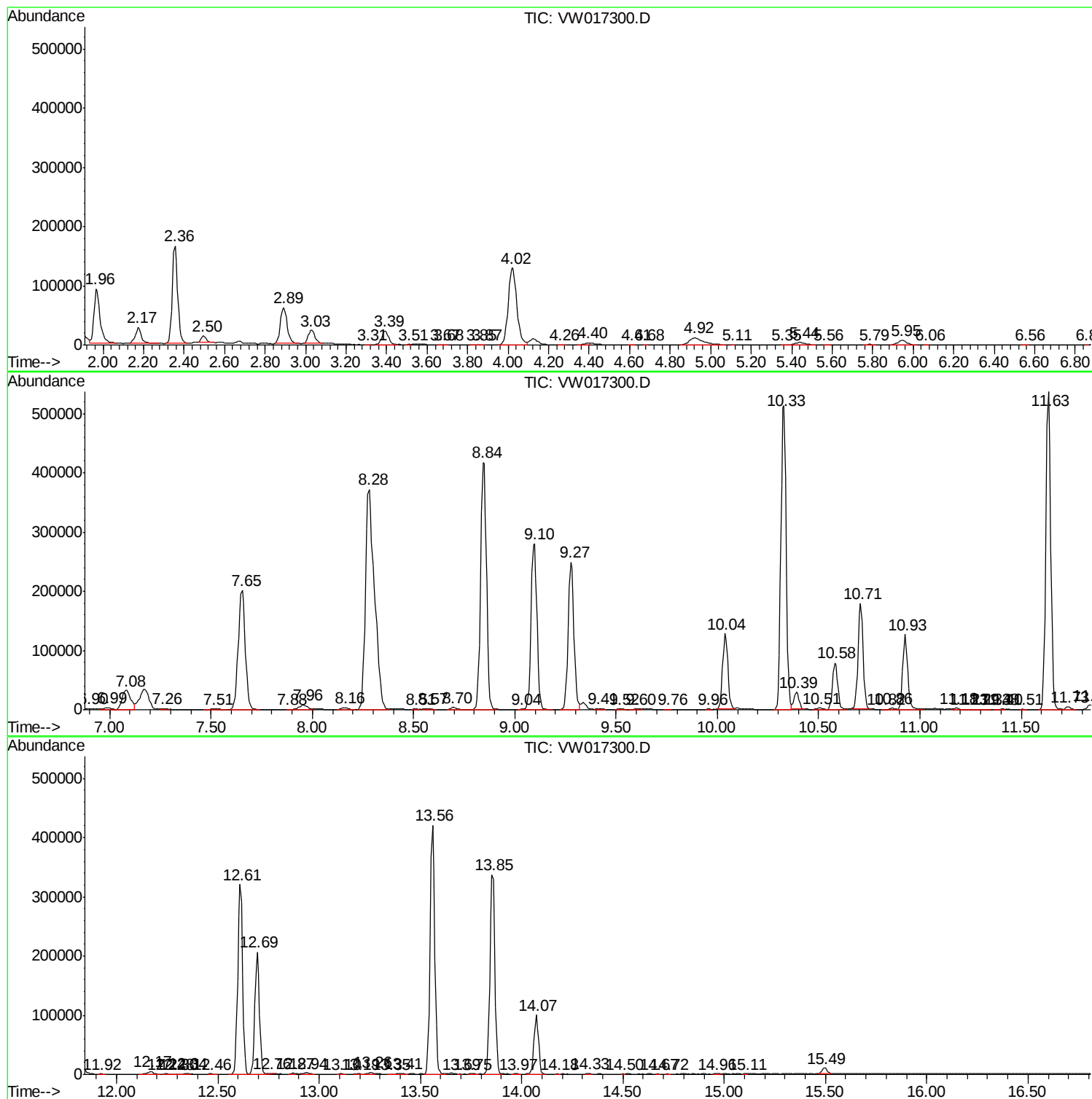
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TIC Library : C:\DATABASE\NIST11.L
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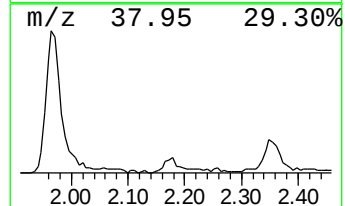
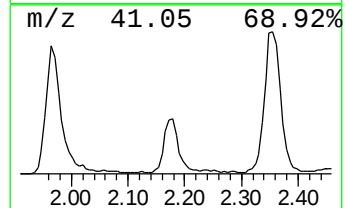
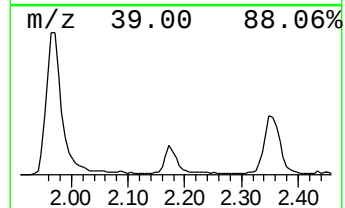
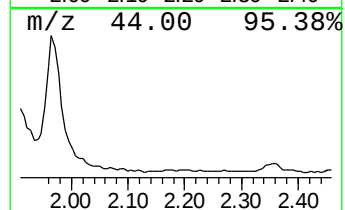
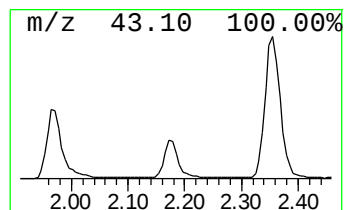
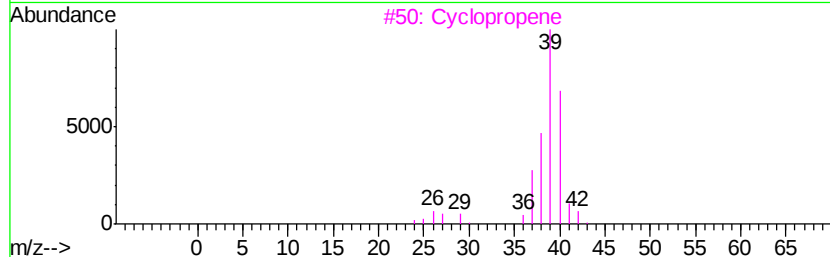
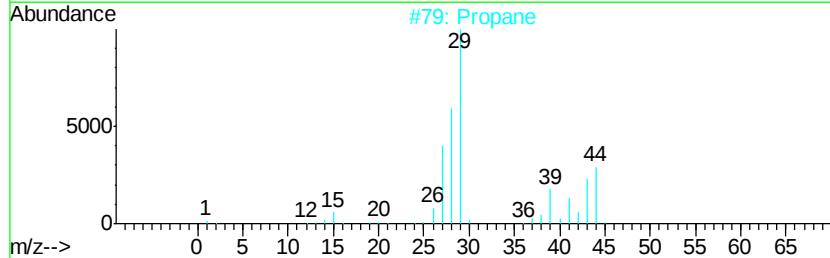
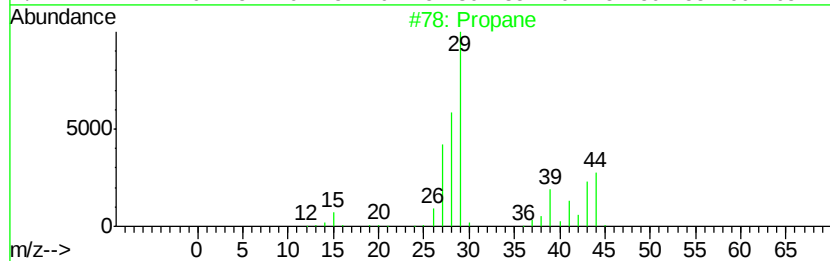
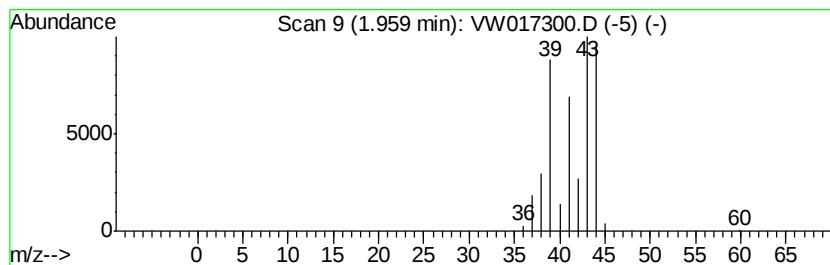
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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.
1.96	5.62 ug/L	187651	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane	44	C3H8	000074-98-6	83
2		Propane	44	C3H8	000074-98-6	56
3		Cyclopropene	40	C3H4	002781-85-3	39
4		Propane	44	C3H8	000074-98-6	9
5		Propene	42	C3H6	000115-07-1	9



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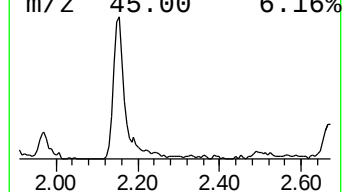
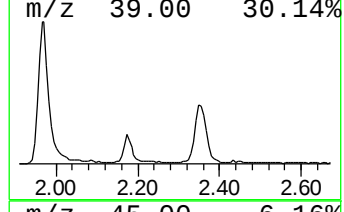
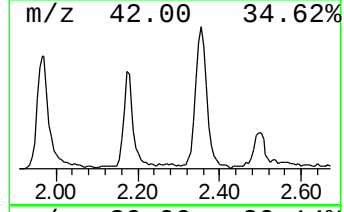
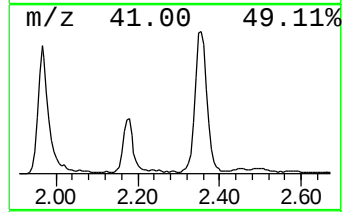
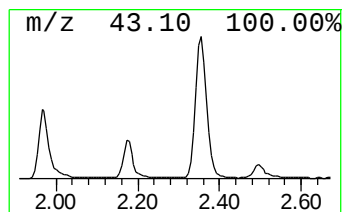
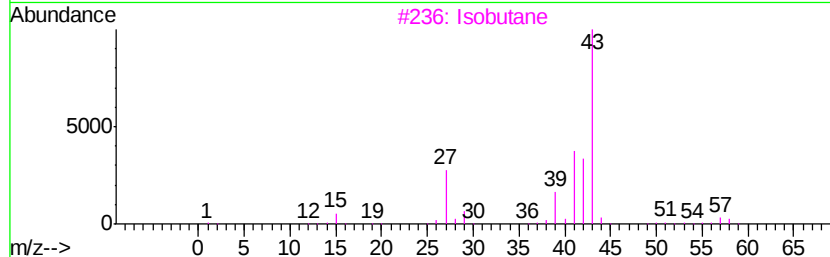
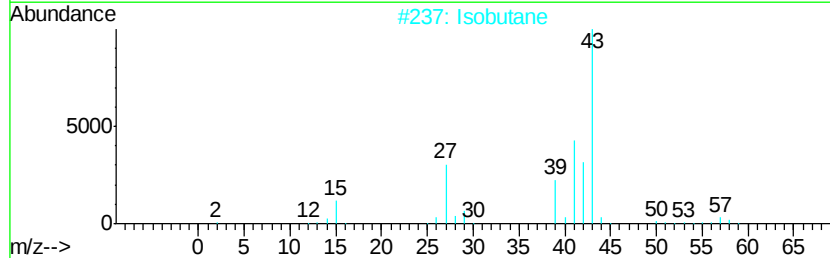
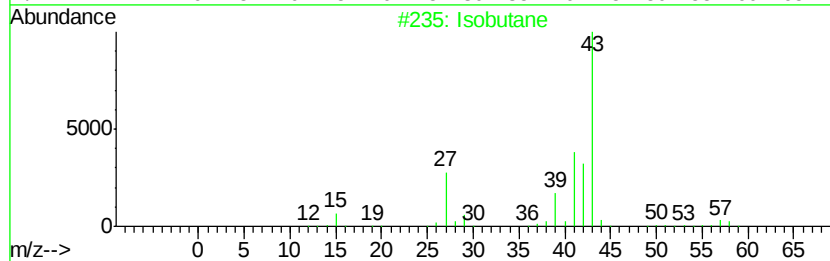
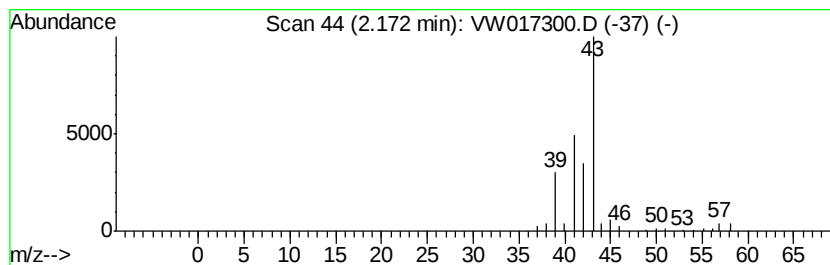
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	1.76 ug/L	58610	1,4-Difluorobenzene	8.85

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	45
5		Propane, 2-nitro-	89	C3H7NO2	000079-46-9	38



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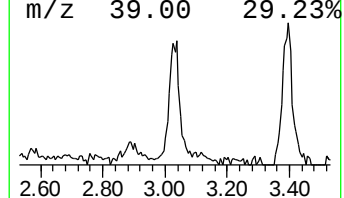
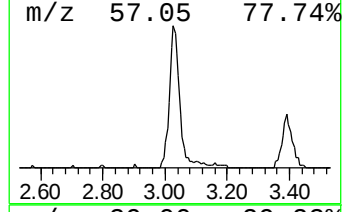
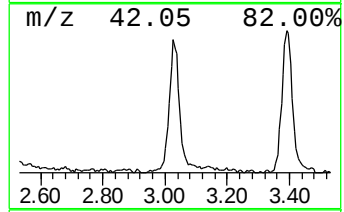
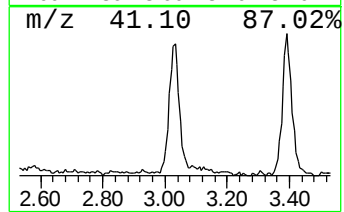
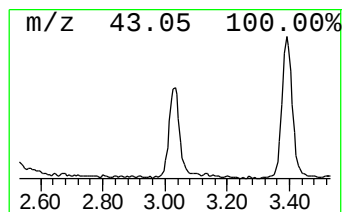
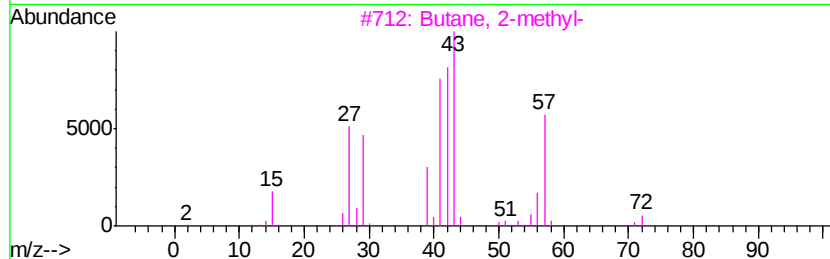
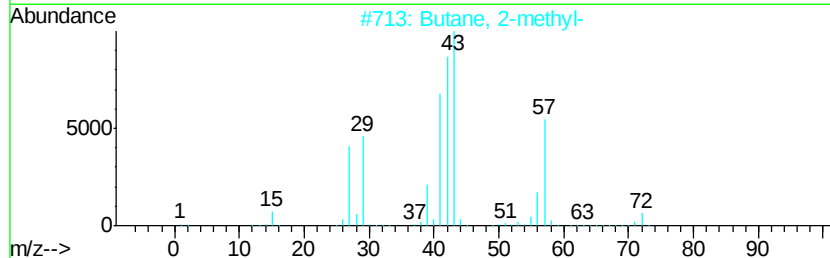
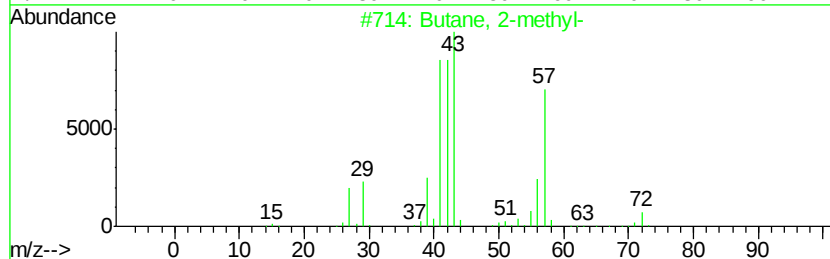
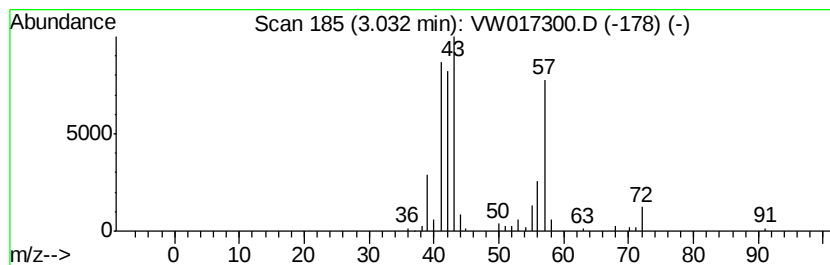
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	1.53 ug/L	50944	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	91
2			Butane, 2-methyl-	72	C5H12	000078-78-4	90
3			Butane, 2-methyl-	72	C5H12	000078-78-4	86
4			2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	36
5			Oxirane, trimethyl-	86	C5H10O	005076-19-7	33



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111720\
Data File : VW017300.D
Acq On : 17 Nov 2020 21:35
Operator : SY/VA
Sample : L4738-06
Misc : 5.28G/10ML/MSVOA W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB0X3

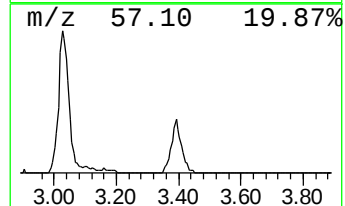
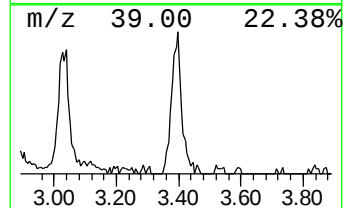
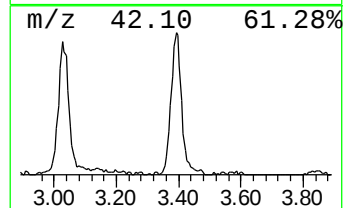
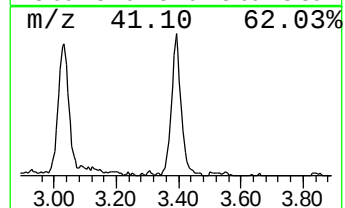
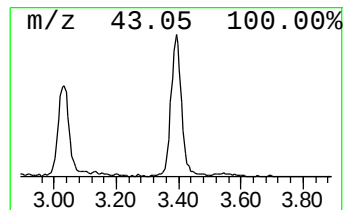
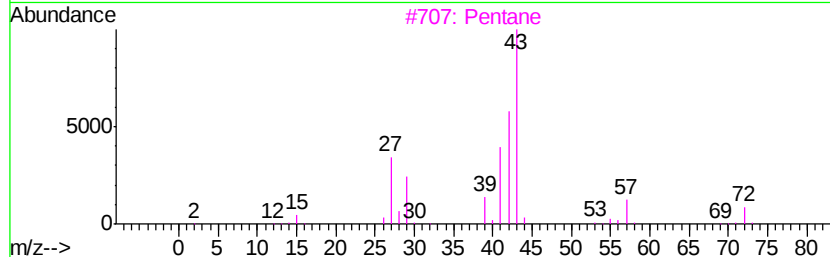
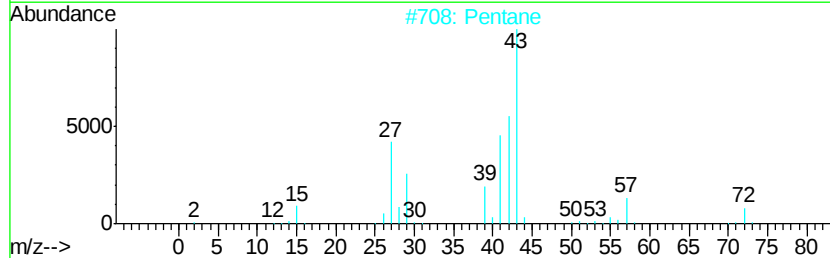
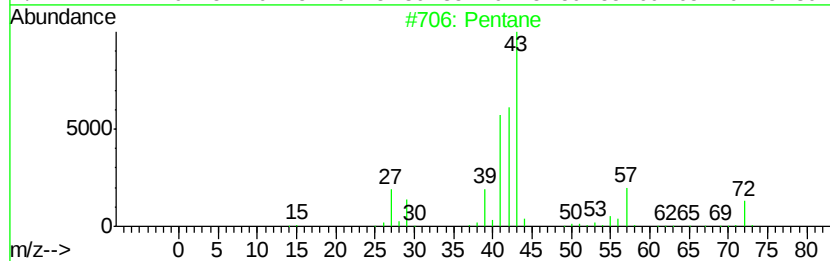
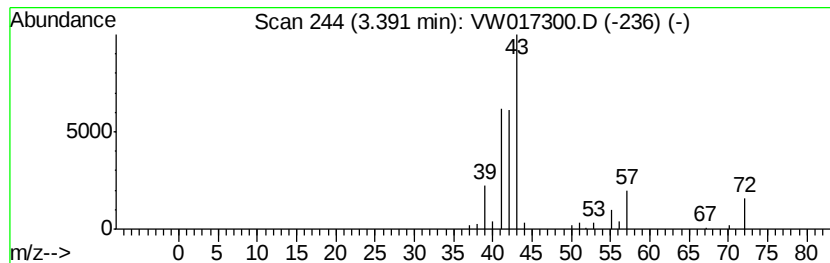
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	1.62 ug/L	54237	1,4-Difluorobenzene	8.85

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	78
4		Pentane	72	C5H12	000109-66-0	72
5		Oxirane, ethyl-	72	C4H8O	000106-88-7	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111720\
Data File : VW017300.D
Acq On : 17 Nov 2020 21:35
Operator : SY/VA
Sample : L4738-06
Misc : 5.28G/10ML/MSVOA_W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB0X3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

						--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc	
(DEL) Alkane: Str...	1.96	5.6	ug/L	187651	1	8.85	834655	25.0	
(DEL) Alkane: Str...	2.17	1.8	ug/L	58610	1	8.85	834655	25.0	
(DEL) Alkane: Str...	3.03	1.5	ug/L	50944	1	8.85	834655	25.0	
(DEL) Alkane: Str...	3.39	1.6	ug/L	54237	1	8.85	834655	25.0	