

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082119\
 Data File : VU033895.D
 Acq On : 22 Aug 2019 00:29
 Operator : JC/SP
 Sample : K4454-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2C00

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_U\METHOD\SOMULM081619WMA.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	1.293	59	63	74	rVB	17226	17538	0.07%	0.037%
2	1.392	86	94	112	rBV	3135755	3284689	12.94%	6.872%
3	1.669	172	180	194	rBV2	205536	372876	1.47%	0.780%
4	1.746	195	204	219	rVB	545086	710655	2.80%	1.487%
5	1.933	254	262	273	rVB	74591	100605	0.40%	0.210%
6	2.257	352	363	389	rVB2	357031	616343	2.43%	1.289%
7	2.357	390	394	405	rVB6	1931	2506	0.01%	0.005%
8	2.463	417	427	434	rBV	3848	6325	0.02%	0.013%
9	2.688	482	497	512	rVV2	31588	75610	0.30%	0.158%
10	2.772	514	523	551	rVB3	69993	143498	0.57%	0.300%
11	2.894	557	561	563	rVB3	615	523	0.00%	0.001%
12	2.913	563	567	569	rBV	378	319	0.00%	0.001%
13	2.968	569	584	608	rBV3	537140	1260574	4.96%	2.637%
14	3.257	668	674	677	rBV5	700	655	0.00%	0.001%
15	3.286	681	683	689	rVB4	305	349	0.00%	0.001%
16	3.334	695	698	701	rBV2	485	301	0.00%	0.001%
17	3.395	713	717	720	rBV3	578	587	0.00%	0.001%
18	3.595	776	779	784	rVV2	340	290	0.00%	0.001%
19	3.733	816	822	826	rVB2	551	626	0.00%	0.001%
20	3.813	840	847	851	rVB3	489	494	0.00%	0.001%
21	3.852	855	859	865	rVB2	401	379	0.00%	0.001%
22	3.939	884	886	891	rVB3	339	261	0.00%	0.001%
23	4.067	908	926	941	rBV2	58907	156825	0.62%	0.328%
24	4.196	941	966	1015	rBV	10620755	25389812	100.00%	53.119%
25	4.620	1084	1098	1119	rVB	256427	602421	2.37%	1.260%
26	4.971	1194	1207	1226	rVB3	63892	155328	0.61%	0.325%
27	5.196	1273	1277	1281	rBV3	407	266	0.00%	0.001%
28	5.231	1281	1288	1291	rBV5	1250	1720	0.01%	0.004%
29	5.315	1291	1314	1346	rBV2	508392	1552926	6.12%	3.249%
30	5.559	1386	1390	1393	rVV3	851	747	0.00%	0.002%
31	5.579	1393	1396	1400	rVB3	712	546	0.00%	0.001%
32	5.620	1405	1409	1412	rVB4	503	460	0.00%	0.001%
33	5.717	1435	1439	1442	rBV2	600	418	0.00%	0.001%
34	5.865	1469	1485	1518	rBV	479347	950618	3.74%	1.989%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
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35	6.164	1562	1578	1608	rBV	2367415	4485221	17.67%	9.384%
36	6.309	1611	1623	1651	rVB	353363	714176	2.81%	1.494%
37	6.588	1708	1710	1713	rVB3	453	270	0.00%	0.001%
38	6.608	1714	1716	1720	rVB3	468	353	0.00%	0.001%
39	6.630	1720	1723	1726	rBV2	585	509	0.00%	0.001%
40	6.849	1787	1791	1792	rBV2	658	441	0.00%	0.001%
41	6.926	1812	1815	1821	rVB3	373	293	0.00%	0.001%
42	6.977	1827	1831	1836	rVB3	254	325	0.00%	0.001%
43	7.026	1841	1846	1847	rBV	434	347	0.00%	0.001%
44	7.209	1889	1903	1926	rBV	172819	320193	1.26%	0.670%
45	7.337	1941	1943	1945	rBV2	616	317	0.00%	0.001%
46	7.546	1994	2008	2049	rBV	653815	1149816	4.53%	2.406%
47	7.704	2054	2057	2060	rBV4	703	462	0.00%	0.001%
48	7.833	2085	2097	2119	rBV	116798	214853	0.85%	0.450%
49	8.003	2148	2150	2156	rVB2	797	667	0.00%	0.001%
50	8.045	2159	2163	2167	rBV2	309	281	0.00%	0.001%
51	8.087	2173	2176	2182	rVB3	559	505	0.00%	0.001%
52	8.138	2188	2192	2195	rBV2	396	289	0.00%	0.001%
53	8.157	2195	2198	2201	rBV2	381	311	0.00%	0.001%
54	8.209	2201	2214	2230	rBV	421164	718634	2.83%	1.503%
55	8.296	2230	2241	2283	rVB	363964	707171	2.79%	1.479%
56	8.620	2338	2342	2345	rBV3	533	349	0.00%	0.001%
57	8.656	2350	2353	2357	rBV3	729	532	0.00%	0.001%
58	8.829	2405	2407	2410	rVB2	545	293	0.00%	0.001%
59	9.009	2459	2463	2467	rVB2	600	449	0.00%	0.001%
60	9.070	2467	2482	2522	rBV	719665	1215837	4.79%	2.544%
61	9.279	2544	2547	2551	rBV3	502	395	0.00%	0.001%
62	9.366	2571	2574	2579	rVB2	522	533	0.00%	0.001%
63	9.476	2605	2608	2612	rBV2	766	611	0.00%	0.001%
64	9.614	2648	2651	2655	rVB	480	366	0.00%	0.001%
65	9.685	2669	2673	2676	rVV3	504	414	0.00%	0.001%
66	9.707	2676	2680	2686	rVB2	393	418	0.00%	0.001%
67	9.990	2764	2768	2770	rBV2	346	295	0.00%	0.001%
68	10.202	2831	2834	2840	rBV3	427	418	0.00%	0.001%
69	10.251	2847	2849	2854	rBV2	413	282	0.00%	0.001%
70	10.296	2860	2863	2867	rBV2	442	312	0.00%	0.001%
71	10.414	2886	2900	2924	rVV	495127	807496	3.18%	1.689%

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72	10.578	2948	2951	2954	rBV	514	304	0.00%	0.001%
73	10.623	2962	2965	2969	rVV3	388	260	0.00%	0.001%
74	10.823	3023	3027	3030	rBV3	388	317	0.00%	0.001%
75	10.839	3030	3032	3037	rVV	435	325	0.00%	0.001%
76	10.996	3079	3081	3086	rVB3	479	309	0.00%	0.001%
77	11.131	3120	3123	3126	rBV3	536	401	0.00%	0.001%
78	11.151	3126	3129	3132	rVV2	446	387	0.00%	0.001%
79	11.170	3133	3135	3139	rVV	471	320	0.00%	0.001%
80	11.283	3166	3170	3175	rVV3	418	526	0.00%	0.001%
81	11.312	3175	3179	3183	rVV2	438	425	0.00%	0.001%
82	11.382	3197	3201	3204	rBV2	534	482	0.00%	0.001%
83	11.466	3215	3227	3257	rBV	621540	1011629	3.98%	2.116%
84	11.717	3302	3305	3307	rVB3	557	297	0.00%	0.001%
85	11.733	3308	3310	3314	rBV3	435	321	0.00%	0.001%
86	11.781	3321	3325	3328	rBV2	848	639	0.00%	0.001%
87	11.842	3332	3344	3367	rBV	623558	1022683	4.03%	2.140%
88	12.373	3507	3509	3512	rBV	519	350	0.00%	0.001%
89	12.450	3529	3533	3536	rBV3	421	350	0.00%	0.001%
90	12.594	3574	3578	3582	rVB3	513	456	0.00%	0.001%
91	12.758	3625	3629	3631	rBV3	498	403	0.00%	0.001%
92	12.845	3652	3656	3662	rVB5	755	852	0.00%	0.002%
93	12.951	3686	3689	3692	rBV3	473	372	0.00%	0.001%
94	13.283	3788	3792	3800	rVB3	595	763	0.00%	0.002%
95	13.347	3808	3812	3817	rBV3	583	618	0.00%	0.001%
96	13.620	3894	3897	3900	rBV3	820	523	0.00%	0.001%
97	13.684	3914	3917	3919	rBV2	568	371	0.00%	0.001%
98	14.128	4052	4055	4057	rBV3	481	307	0.00%	0.001%
99	14.144	4057	4060	4061	rBV2	600	308	0.00%	0.001%
100	15.141	4368	4370	4371	rBV2	681	323	0.00%	0.001%

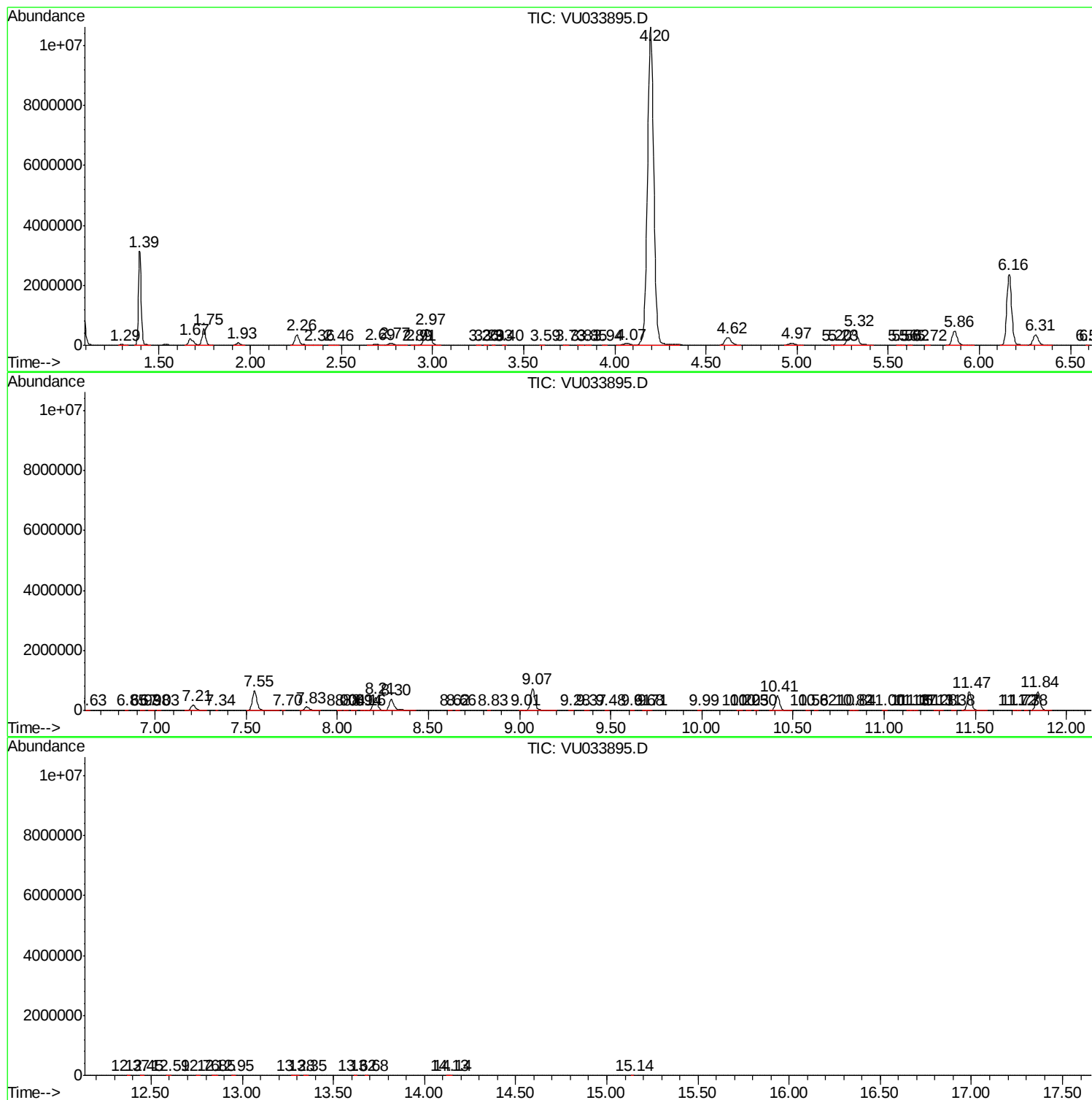
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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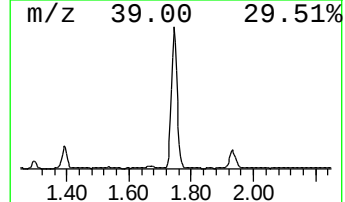
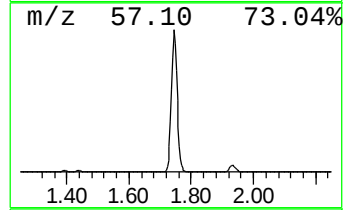
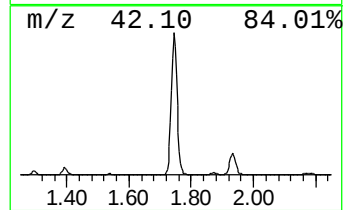
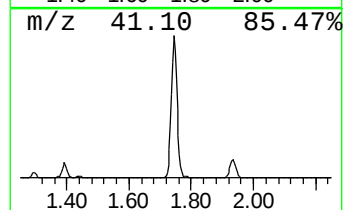
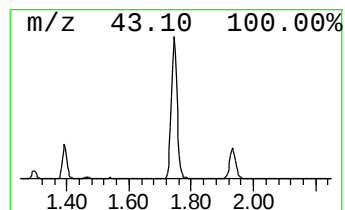
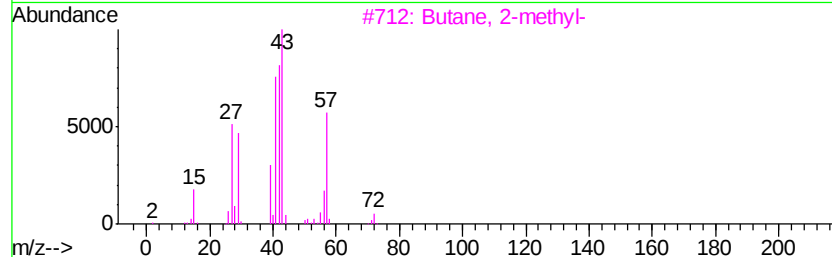
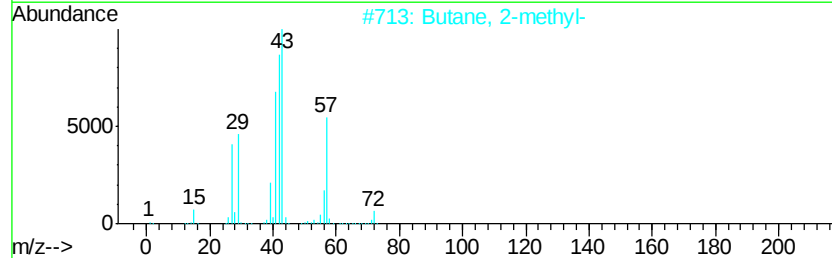
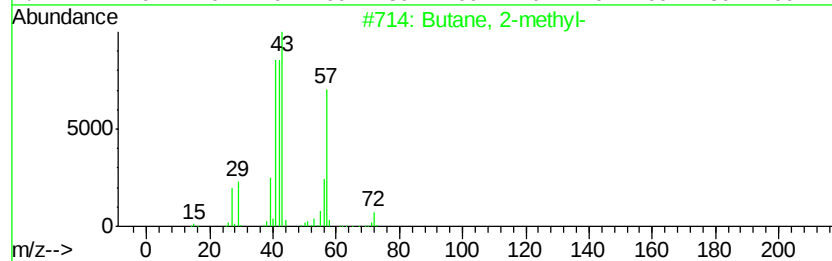
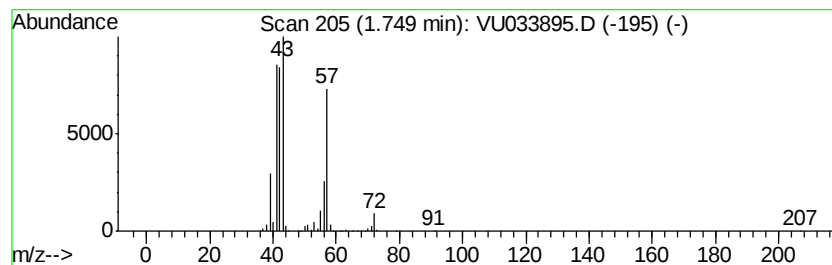
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
Quant Title : VOC Analysis

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.
1.75	37.38 ug/L	710655	1,4-Difluorobenzene	5.86

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	80
4		3-Buten-1-ol	72	C4H8O	000627-27-0	47
5		Pentane	72	C5H12	000109-66-0	36



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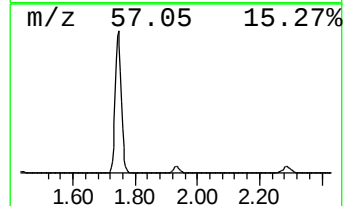
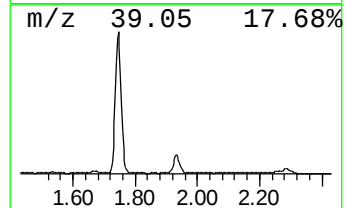
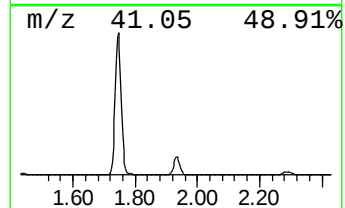
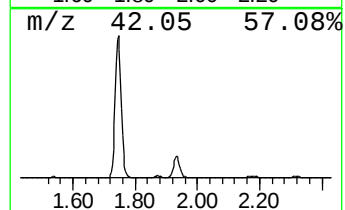
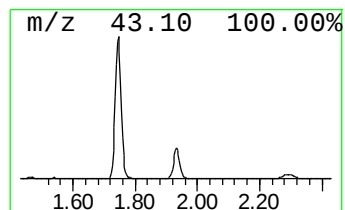
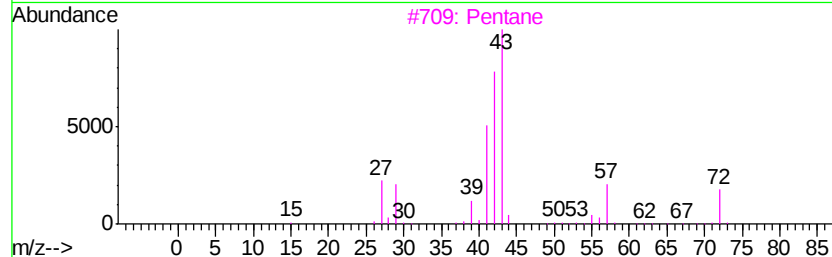
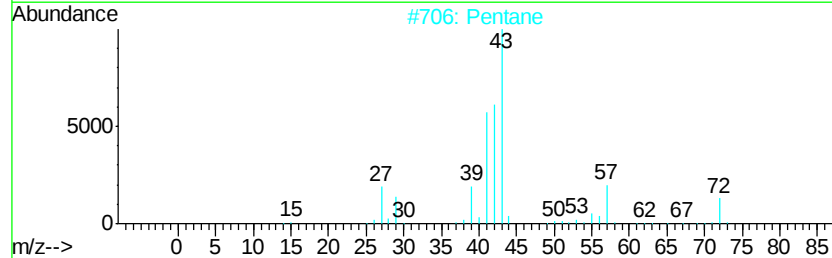
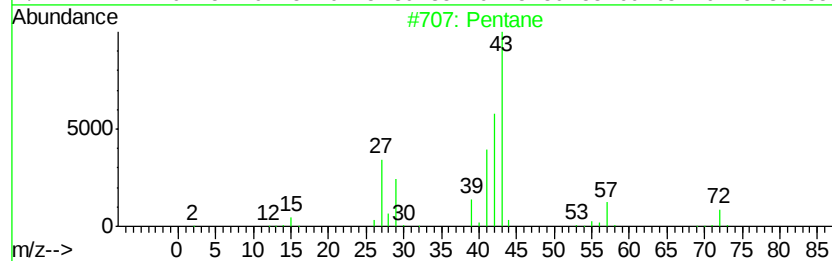
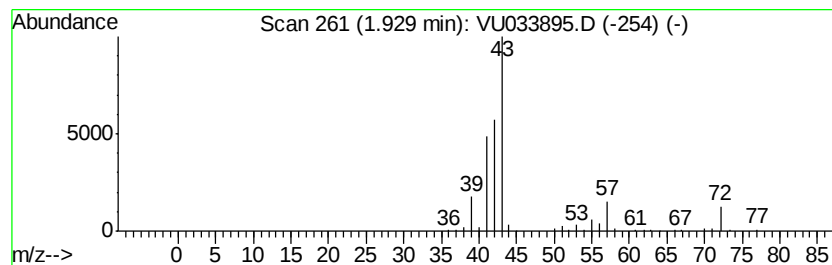
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.93	5.29 ug/L	100605	1,4-Difluorobenzene	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	86
2		Pentane	72	C5H12	000109-66-0	83
3		Pentane	72	C5H12	000109-66-0	64
4		Pentane	72	C5H12	000109-66-0	64
5		Oxirane, ethyl-	72	C4H8O	000106-88-7	40



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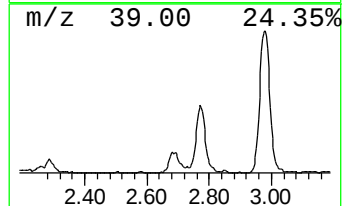
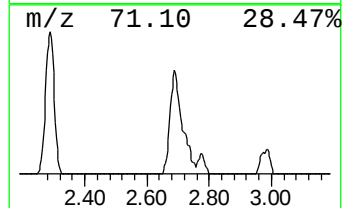
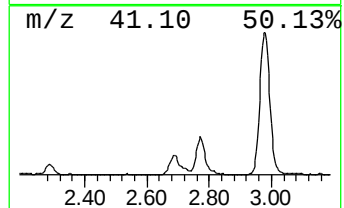
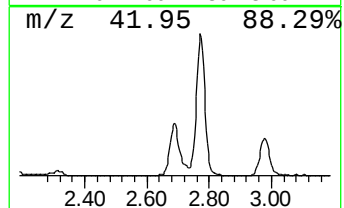
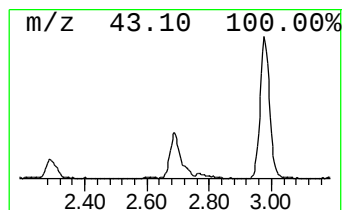
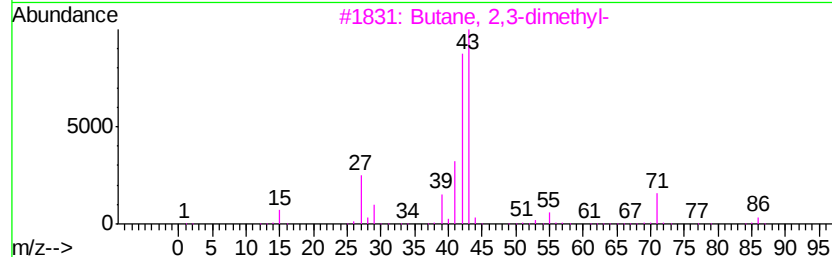
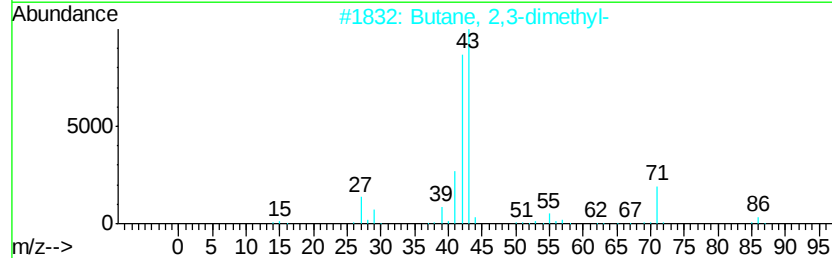
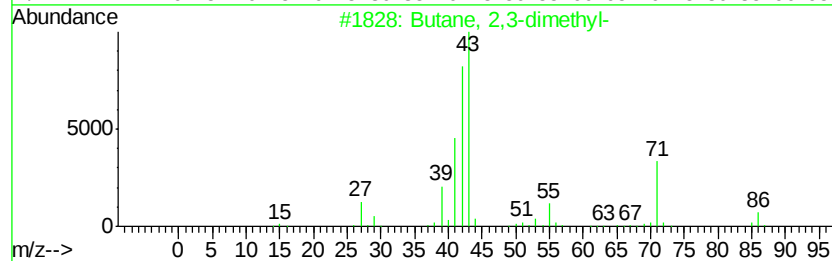
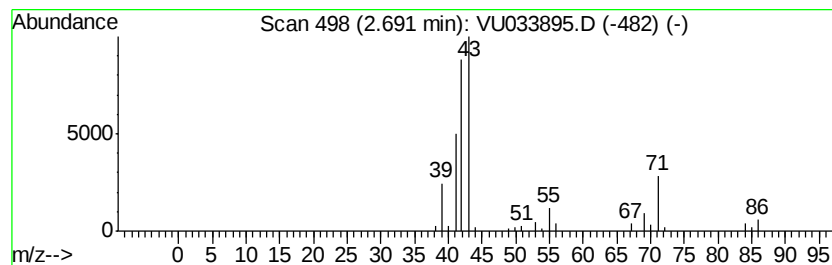
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.69	3.98 ug/L	75610	1,4-Difluorobenzene	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	87
2		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	78
3		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	78
4		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	56
5		trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082119\
Data File : VU033895.D
Acq On : 22 Aug 2019 00:29
Operator : JC/SP
Sample : K4454-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2C00

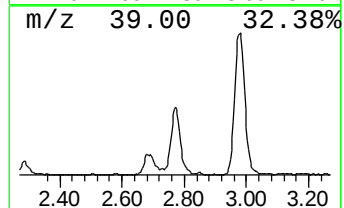
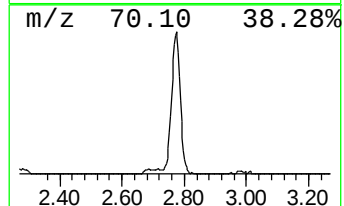
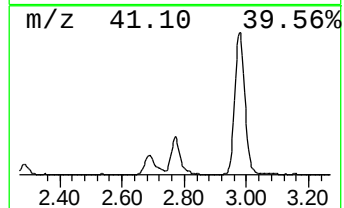
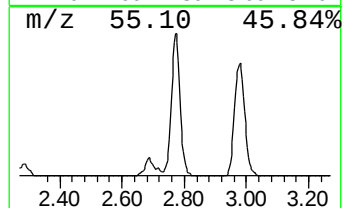
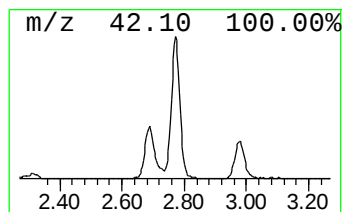
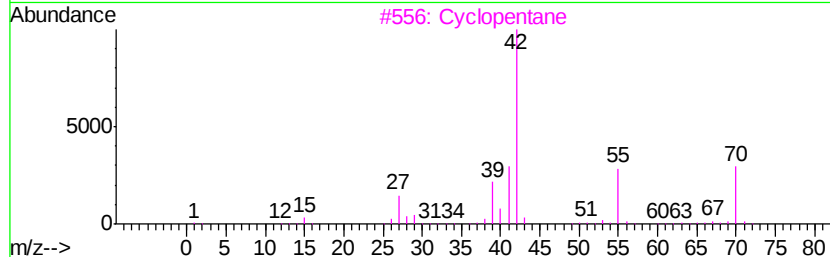
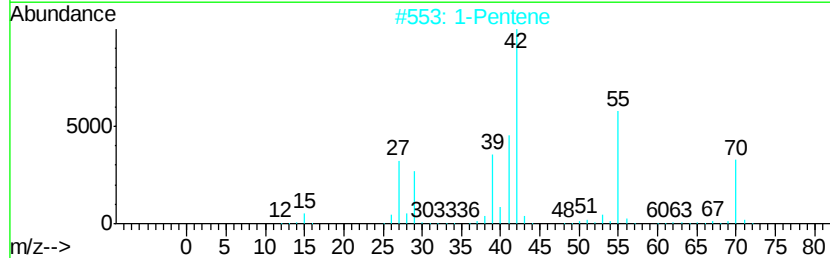
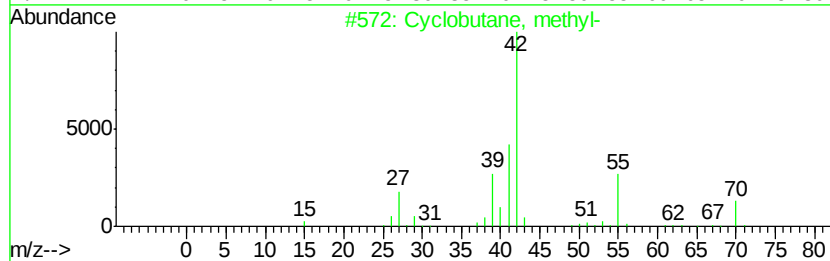
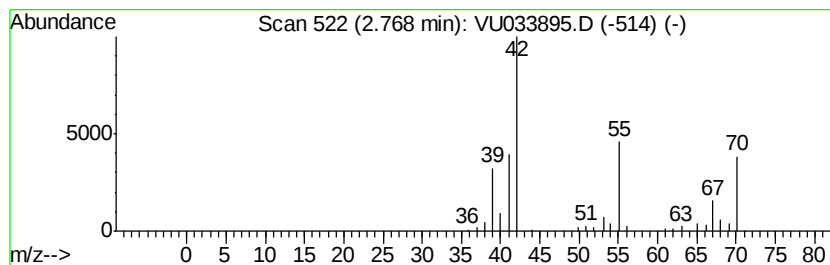
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Cyclic2.77 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	7.55 ug/L	143498	1,4-Difluorobenzene	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclobutane, methyl-	70	C5H10	000598-61-8	72
2		1-Pentene	70	C5H10	000109-67-1	72
3		Cyclopentane	70	C5H10	000287-92-3	64
4		1-Pentene	70	C5H10	000109-67-1	59
5		Cyclopropane, ethyl-	70	C5H10	001191-96-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082119\
Data File : VU033895.D
Acq On : 22 Aug 2019 00:29
Operator : JC/SP
Sample : K4454-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2C00

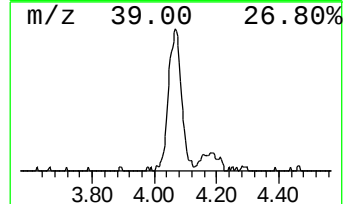
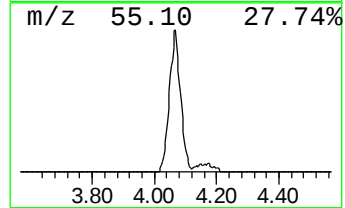
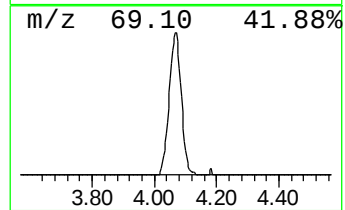
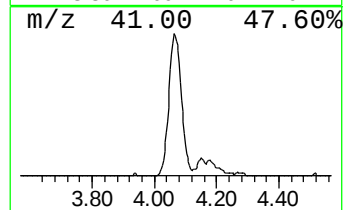
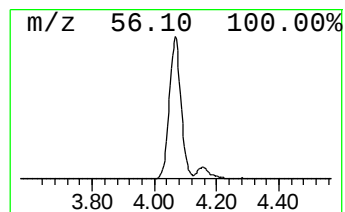
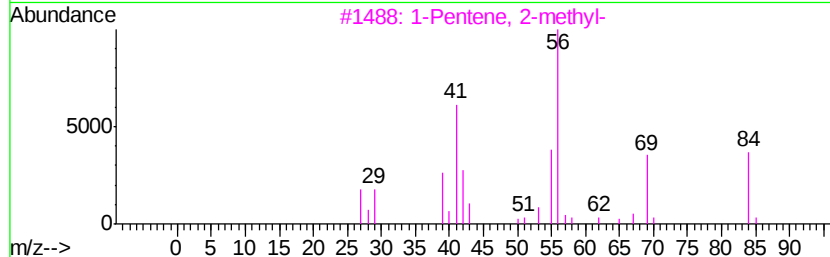
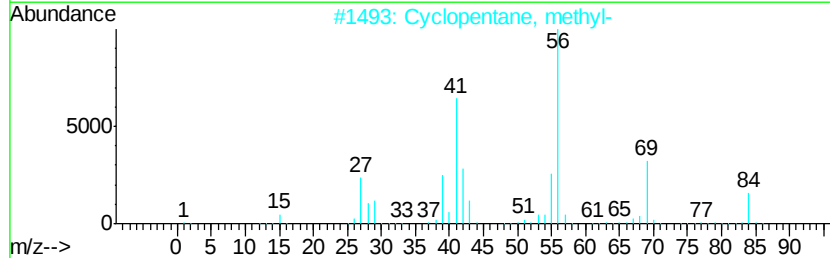
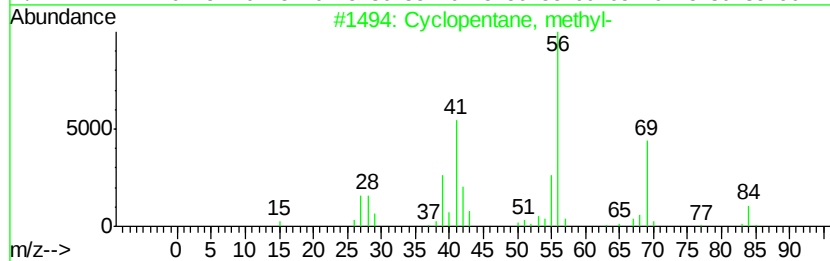
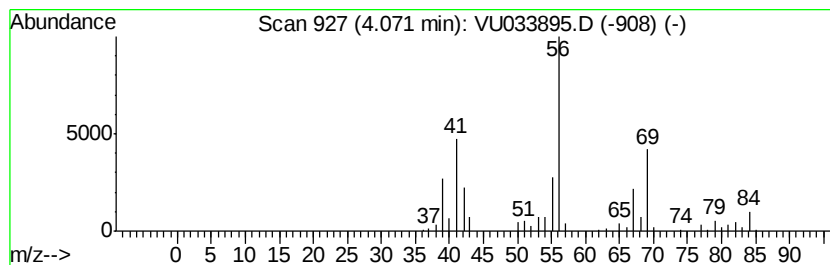
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic4.07 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.07	8.25 ug/L	156825	1,4-Difluorobenzene	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	81
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	64
3		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
4		Cyclopentane, methyl-	84	C6H12	000096-37-7	64
5		Cyclohexane	84	C6H12	000110-82-7	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU082119\
Data File : VU033895.D
Acq On : 22 Aug 2019 00:29
Operator : JC/SP
Sample : K4454-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2C00

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.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...	1.75	37.4	ug/L	710655	1	5.86	950618	50.0	
(DEL) Alkane: Str...	1.93	5.3	ug/L	100605	1	5.86	950618	50.0	
(DEL) Alkane: Str...	2.69	4.0	ug/L	75610	1	5.86	950618	50.0	
(DEL) Alkane: Cyc...	2.77	7.5	ug/L	143498	1	5.86	950618	50.0	
(DEL) Alkane: Cyc...	4.07	8.3	ug/L	156825	1	5.86	950618	50.0	