

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082119\
 Data File : VU033894.D
 Acq On : 22 Aug 2019 00:06
 Operator : JC/SP
 Sample : K4454-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B99

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	1.174	23	26	33	rVB	7146	5949	0.02%	0.013%
2	1.296	59	64	75	rVB	18857	19952	0.08%	0.042%
3	1.392	86	94	114	rBV	3151666	3310870	13.15%	6.961%
4	1.669	172	180	195	rBV2	207646	378243	1.50%	0.795%
5	1.746	195	204	223	rVB	539719	715544	2.84%	1.504%
6	1.932	254	262	272	rVB	76468	101178	0.40%	0.213%
7	2.257	352	363	389	rVB	363147	619969	2.46%	1.303%
8	2.354	389	393	402	rVB7	1669	2493	0.01%	0.005%
9	2.460	416	426	440	rVB2	4820	8280	0.03%	0.017%
10	2.566	456	459	463	rBV2	588	416	0.00%	0.001%
11	2.688	483	497	512	rVV	31160	76377	0.30%	0.161%
12	2.772	513	523	549	rVB	69359	142403	0.57%	0.299%
13	2.865	549	552	557	rVB4	652	455	0.00%	0.001%
14	2.968	570	584	609	rBV2	529275	1260336	5.01%	2.650%
15	3.186	650	652	661	rVB4	1004	821	0.00%	0.002%
16	3.225	661	664	666	rBV2	449	310	0.00%	0.001%
17	3.302	682	688	692	rVB5	622	582	0.00%	0.001%
18	3.363	702	707	711	rBV4	664	677	0.00%	0.001%
19	3.418	721	724	727	rVB2	617	399	0.00%	0.001%
20	3.527	752	758	763	rBV3	292	295	0.00%	0.001%
21	3.981	895	899	903	rBV2	347	288	0.00%	0.001%
22	4.010	903	908	909	rBV2	527	409	0.00%	0.001%
23	4.064	909	925	941	rBV3	58383	155435	0.62%	0.327%
24	4.196	941	966	1026	rBV	10576514	25173818	100.00%	52.928%
25	4.620	1084	1098	1124	rVB	255323	608116	2.42%	1.279%
26	4.971	1194	1207	1227	rVB3	61523	155100	0.62%	0.326%
27	5.225	1282	1286	1288	rBV4	810	585	0.00%	0.001%
28	5.315	1288	1314	1345	rBV2	515404	1560433	6.20%	3.281%
29	5.707	1432	1436	1438	rBV2	404	280	0.00%	0.001%
30	5.762	1450	1453	1460	rBV3	805	1086	0.00%	0.002%
31	5.804	1464	1466	1470	rVB4	498	315	0.00%	0.001%
32	5.865	1470	1485	1512	rBV	477928	950548	3.78%	1.999%
33	6.055	1541	1544	1546	rBV3	580	372	0.00%	0.001%
34	6.164	1561	1578	1609	rBV	2307129	4406288	17.50%	9.264%

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

35	6.309	1611	1623	1649	rVB	352469	707653	2.81%	1.488%
36	6.569	1702	1704	1709	rVB2	858	529	0.00%	0.001%
37	6.636	1720	1725	1727	rBV4	484	399	0.00%	0.001%
38	6.649	1727	1729	1733	rVV3	475	342	0.00%	0.001%
39	6.788	1767	1772	1776	rVV3	332	409	0.00%	0.001%
40	6.852	1786	1792	1797	rBV4	758	1019	0.00%	0.002%
41	6.897	1804	1806	1813	rVB3	538	595	0.00%	0.001%
42	7.209	1891	1903	1932	rVV	170590	313777	1.25%	0.660%
43	7.444	1973	1976	1978	rVB2	544	306	0.00%	0.001%
44	7.472	1981	1985	1987	rBV	642	429	0.00%	0.001%
45	7.546	1994	2008	2028	rBV	656073	1148411	4.56%	2.415%
46	7.784	2080	2082	2085	rBV2	484	332	0.00%	0.001%
47	7.833	2085	2097	2117	rBV	120144	214120	0.85%	0.450%
48	8.038	2157	2161	2163	rBV2	714	470	0.00%	0.001%
49	8.074	2169	2172	2176	rVB2	516	411	0.00%	0.001%
50	8.106	2181	2182	2188	rBV3	281	277	0.00%	0.001%
51	8.209	2201	2214	2230	rBV	422860	708493	2.81%	1.490%
52	8.296	2230	2241	2278	rVV	376548	723856	2.88%	1.522%
53	8.572	2324	2327	2330	rVB2	731	451	0.00%	0.001%
54	8.652	2349	2352	2356	rVB2	531	341	0.00%	0.001%
55	8.678	2356	2360	2364	rBV4	495	505	0.00%	0.001%
56	8.839	2408	2410	2418	rVB5	750	838	0.00%	0.002%
57	8.945	2440	2443	2449	rVB3	346	287	0.00%	0.001%
58	9.070	2470	2482	2530	rVV	715652	1214124	4.82%	2.553%
59	9.238	2530	2534	2538	rVB2	460	500	0.00%	0.001%
60	9.341	2563	2566	2571	rBV5	561	563	0.00%	0.001%
61	9.366	2571	2574	2581	rVB3	1417	1251	0.00%	0.003%
62	9.437	2593	2596	2601	rBV2	442	413	0.00%	0.001%
63	9.463	2601	2604	2607	rBV2	306	312	0.00%	0.001%
64	9.533	2621	2626	2628	rBV4	350	305	0.00%	0.001%
65	9.601	2641	2647	2650	rVV3	484	469	0.00%	0.001%
66	9.678	2666	2671	2673	rVB3	325	280	0.00%	0.001%
67	9.755	2691	2695	2699	rVB4	544	435	0.00%	0.001%
68	9.804	2707	2710	2714	rVB	549	292	0.00%	0.001%
69	9.836	2714	2720	2723	rBV4	496	490	0.00%	0.001%
70	9.887	2732	2736	2739	rBV3	523	491	0.00%	0.001%
71	10.000	2769	2771	2774	rBV2	412	322	0.00%	0.001%

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72	10.061	2785	2790	2795	rVB3	330	393	0.00%	0.001%
73	10.350	2877	2880	2882	rBV2	468	284	0.00%	0.001%
74	10.414	2886	2900	2922	rBV	500946	809560	3.22%	1.702%
75	10.588	2951	2954	2960	rVB3	539	423	0.00%	0.001%
76	10.839	3028	3032	3034	rBV3	323	290	0.00%	0.001%
77	10.980	3072	3076	3080	rBV3	474	498	0.00%	0.001%
78	11.180	3135	3138	3142	rVV3	450	306	0.00%	0.001%
79	11.199	3142	3144	3147	rVV	431	292	0.00%	0.001%
80	11.360	3189	3194	3198	rBV3	296	341	0.00%	0.001%
81	11.466	3214	3227	3252	rBV	630163	1006471	4.00%	2.116%
82	11.675	3290	3292	3298	rBV3	651	543	0.00%	0.001%
83	11.842	3331	3344	3366	rBV	628002	1031330	4.10%	2.168%
84	12.180	3446	3449	3454	rBV6	940	976	0.00%	0.002%
85	12.279	3477	3480	3483	rVB3	570	325	0.00%	0.001%
86	12.520	3553	3555	3559	rBV3	505	421	0.00%	0.001%
87	12.636	3588	3591	3594	rBV	496	369	0.00%	0.001%
88	12.662	3594	3599	3604	rVB4	557	684	0.00%	0.001%
89	12.729	3617	3620	3622	rBV3	548	312	0.00%	0.001%
90	12.810	3642	3645	3650	rVB3	510	463	0.00%	0.001%
91	12.842	3651	3655	3661	rBV3	499	618	0.00%	0.001%
92	12.971	3691	3695	3698	rBV	351	290	0.00%	0.001%
93	13.324	3802	3805	3807	rBV2	492	359	0.00%	0.001%
94	13.530	3867	3869	3873	rVB3	471	282	0.00%	0.001%
95	13.620	3892	3897	3899	rBV3	991	955	0.00%	0.002%
96	13.922	3988	3991	3996	rBV2	622	540	0.00%	0.001%
97	14.189	4071	4074	4078	rBV	538	375	0.00%	0.001%
98	14.694	4228	4231	4232	rBV	692	373	0.00%	0.001%
99	14.784	4257	4259	4262	rVB3	785	347	0.00%	0.001%
100	15.247	4399	4403	4404	rBV2	671	509	0.00%	0.001%

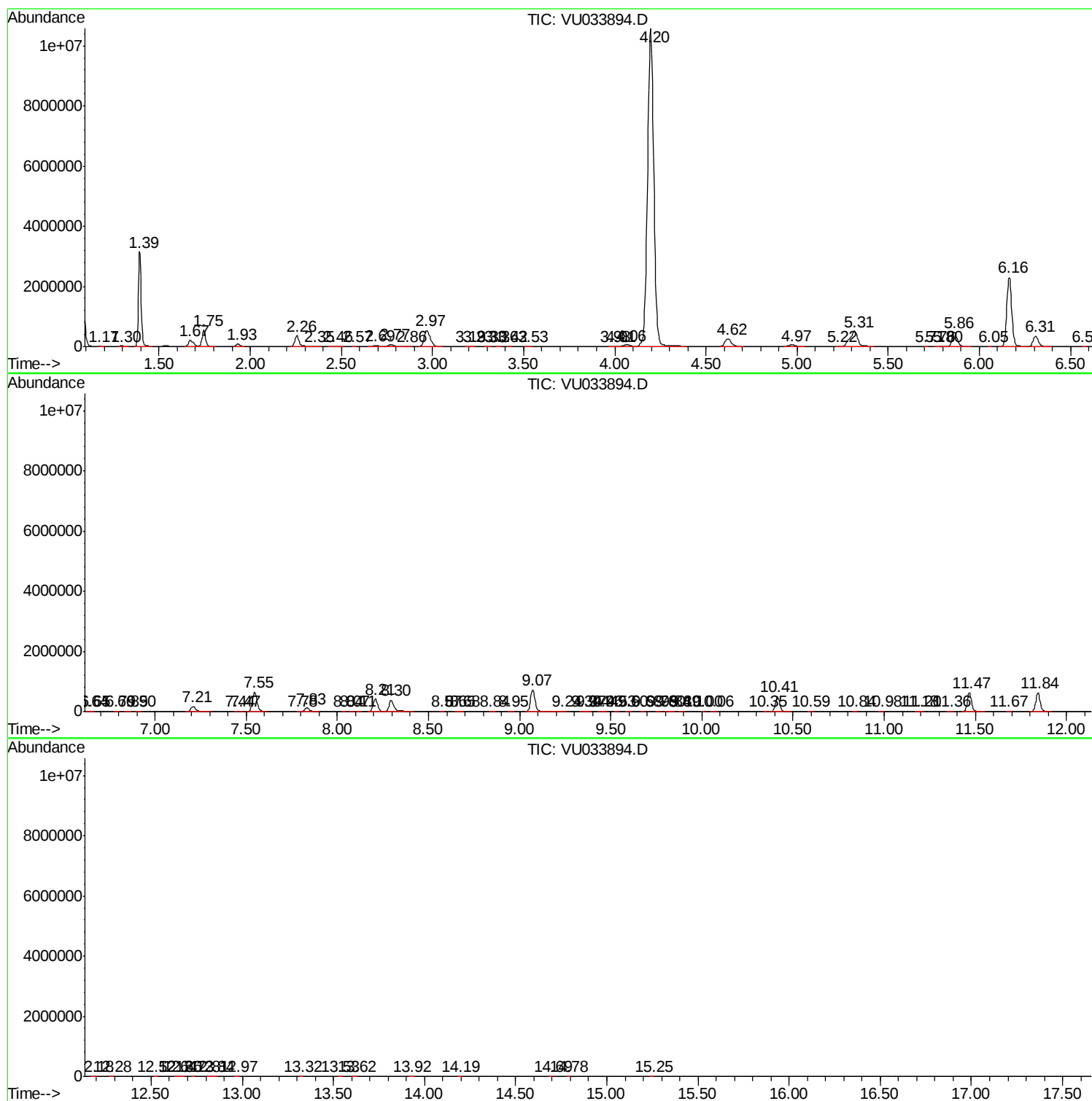
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
Quant Title : VOC Analysis

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



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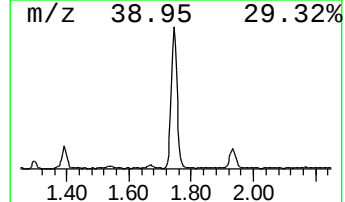
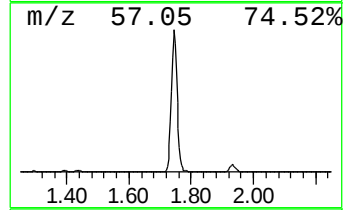
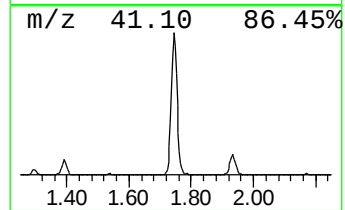
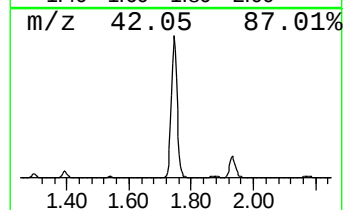
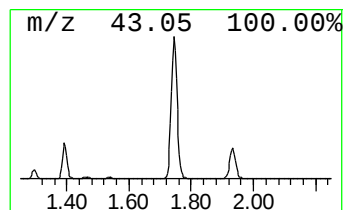
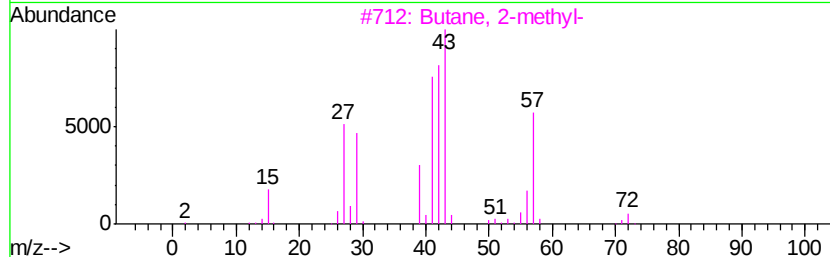
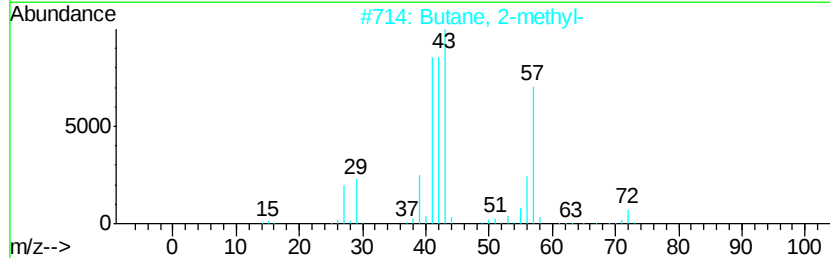
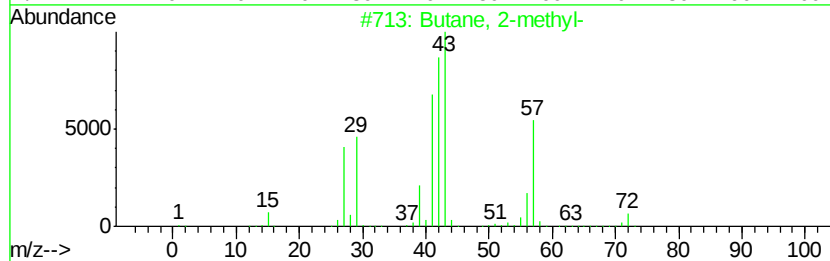
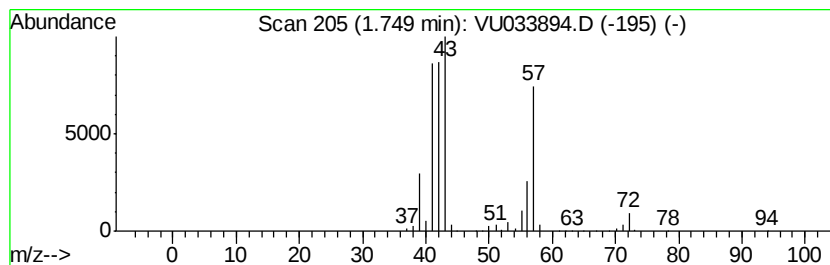
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
Quant Title : VOC Analysis

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	37.64 ug/L	715544	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	86
4		3-Buten-1-ol	72	C4H8O	000627-27-0	37
5		Pentane	72	C5H12	000109-66-0	37



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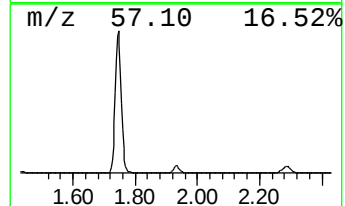
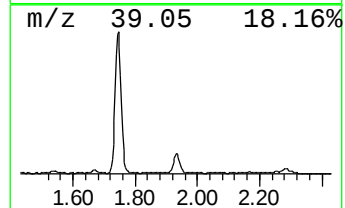
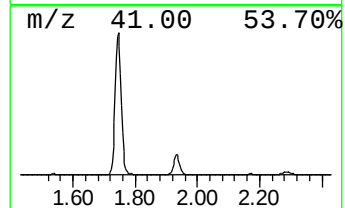
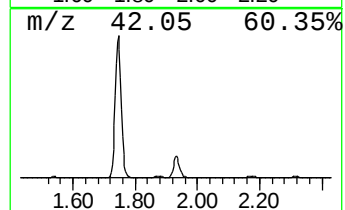
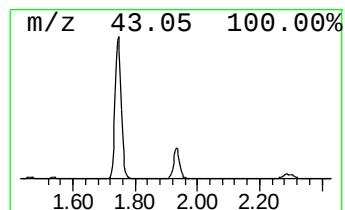
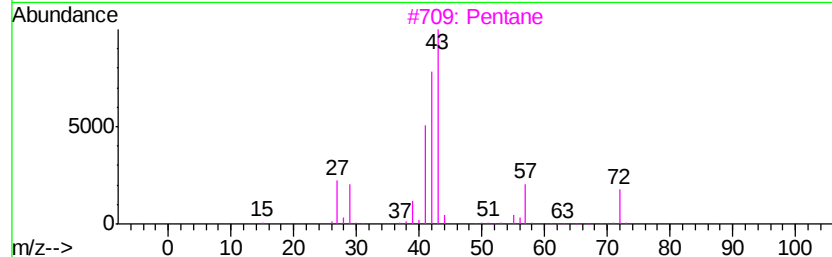
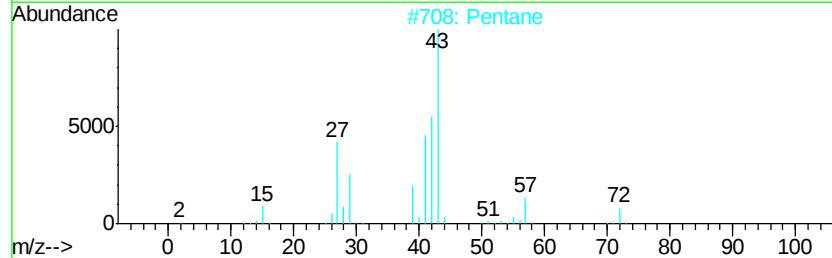
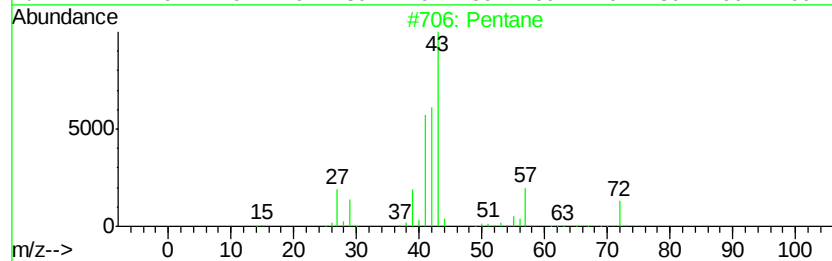
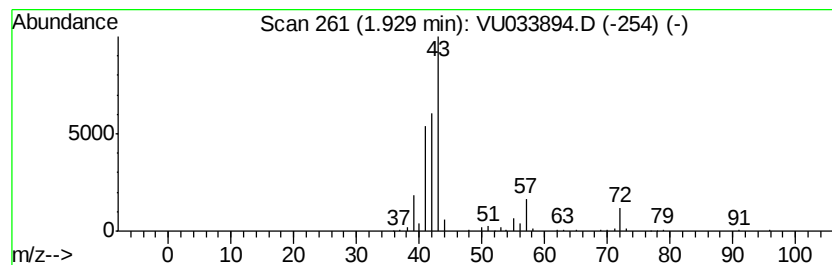
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.93	5.32 ug/L	101178	1,4-Difluorobenzene	5.86

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	86
4		Pentane	72	C5H12	000109-66-0	86
5		Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	43



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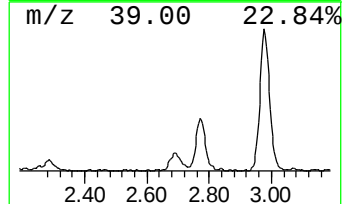
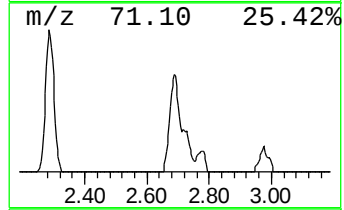
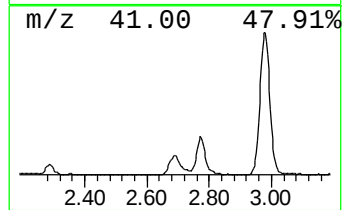
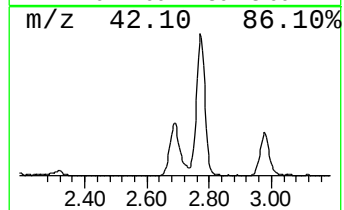
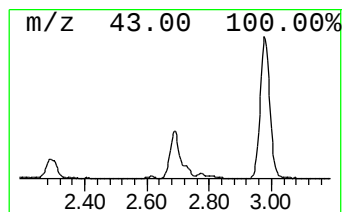
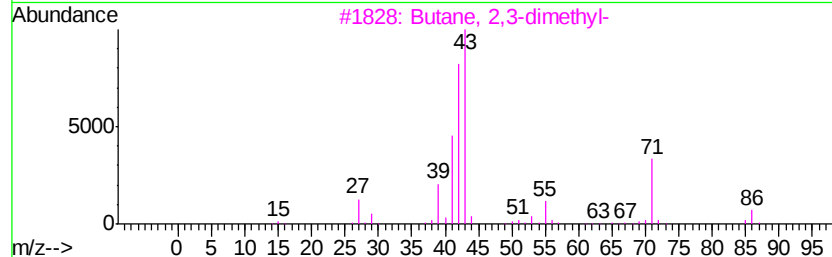
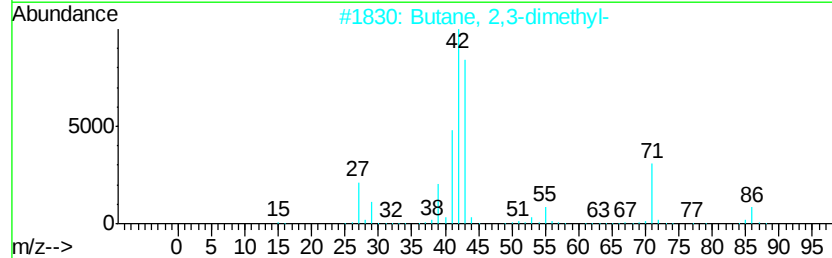
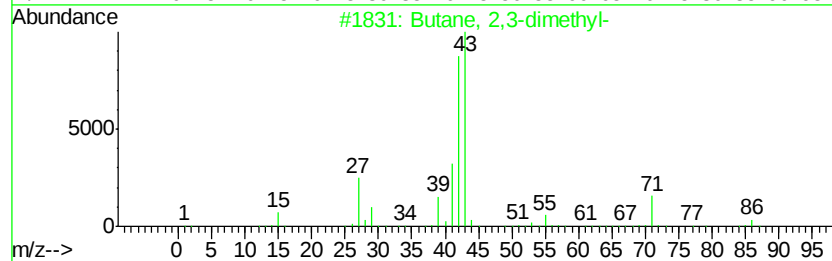
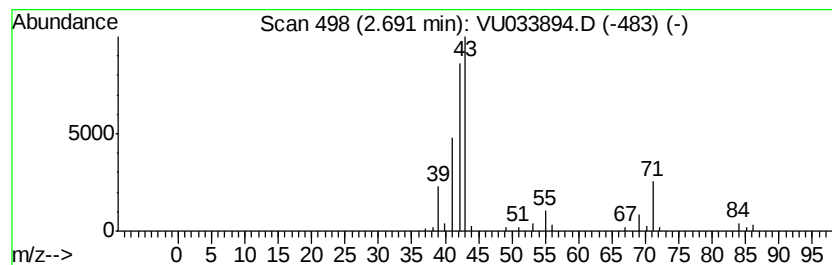
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.69	4.02 ug/L	76377	1,4-Difluorobenzene	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	64
2		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	64
3		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	64
4		Pentane	72	C5H12	000109-66-0	33
5		Tetrahydrofuran	72	C4H8O	000109-99-9	33



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082119\
Data File : VU033894.D
Acq On : 22 Aug 2019 00:06
Operator : JC/SP
Sample : K4454-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B99

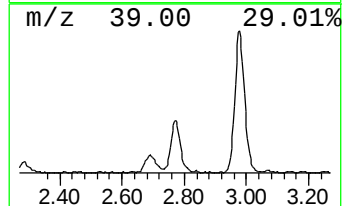
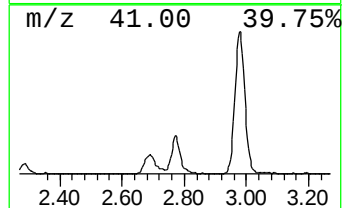
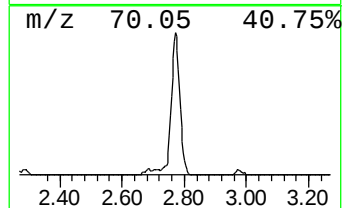
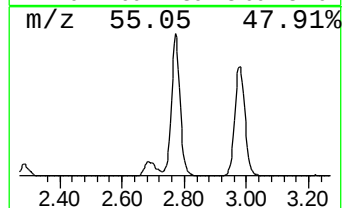
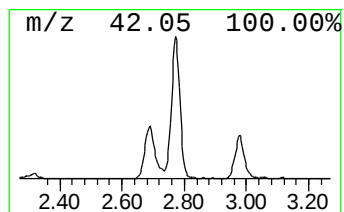
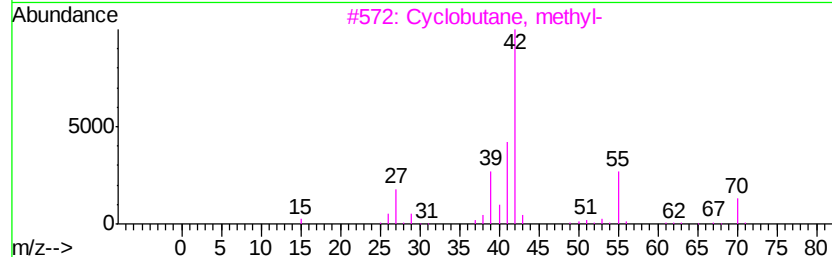
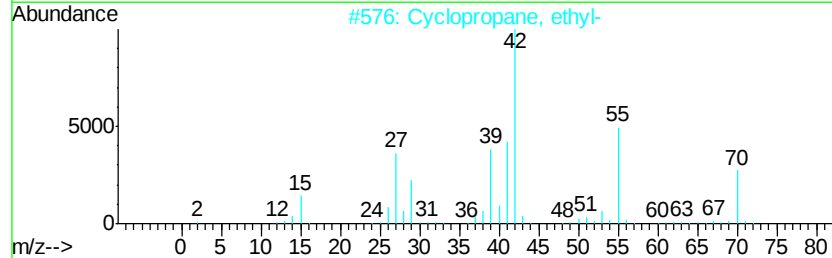
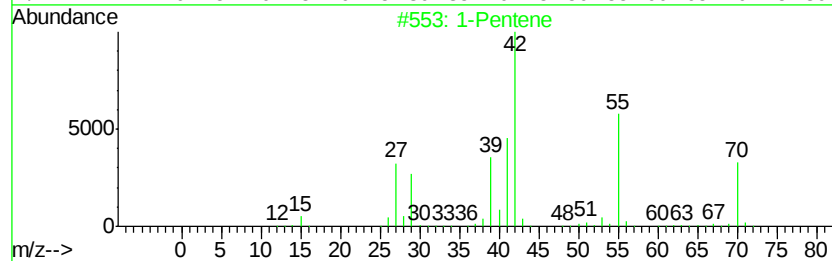
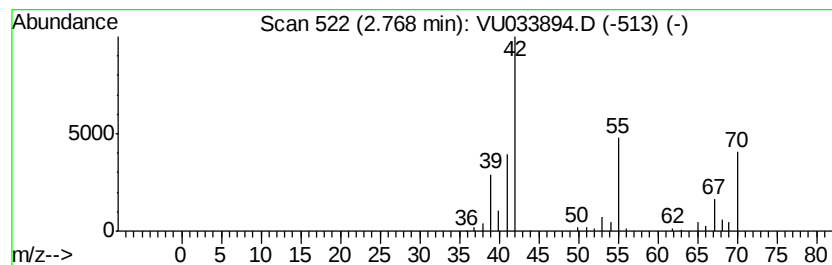
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Quant Title : VOC Analysis

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	7.49 ug/L	142403	1,4-Difluorobenzene	5.86

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082119\
Data File : VU033894.D
Acq On : 22 Aug 2019 00:06
Operator : JC/SP
Sample : K4454-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B99

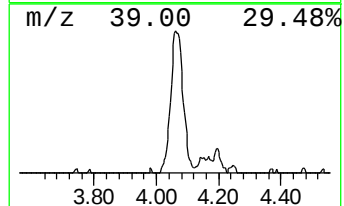
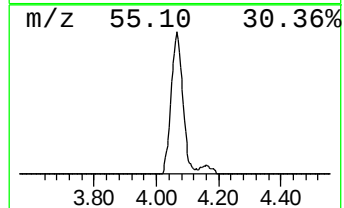
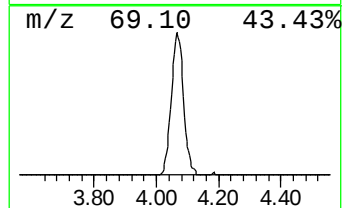
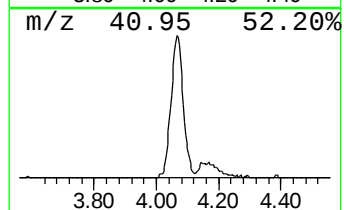
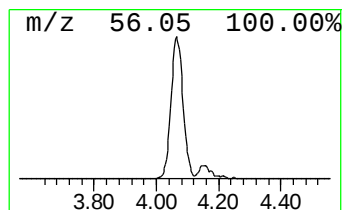
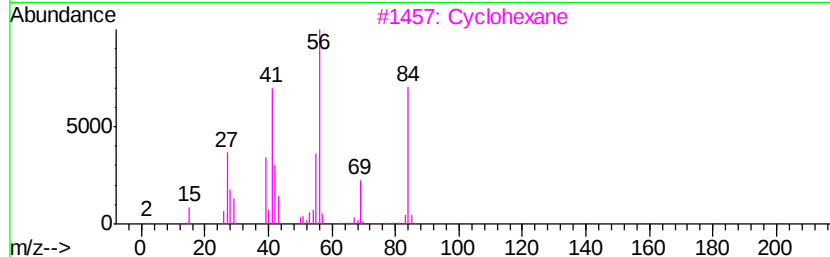
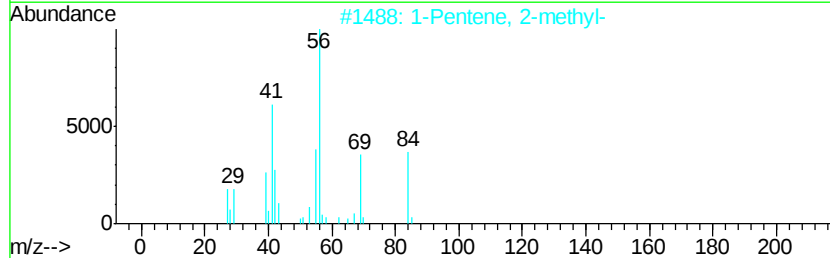
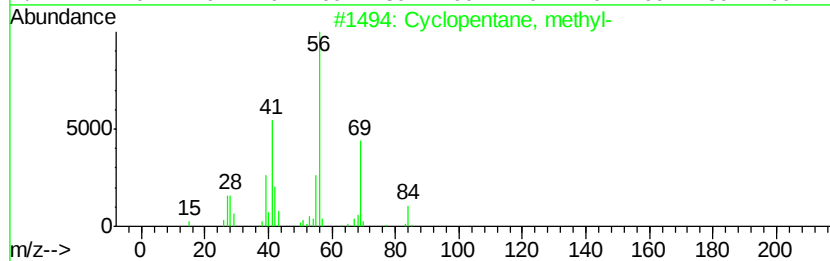
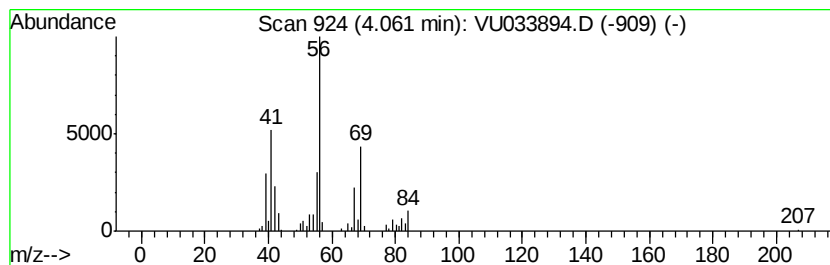
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic4.06 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.06	8.18 ug/L	155435	1,4-Difluorobenzene	5.86

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082119\
Data File : VU033894.D
Acq On : 22 Aug 2019 00:06
Operator : JC/SP
Sample : K4454-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B99

Quant Method : Z:\VOASRV\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	37.6	ug/L	715544	1	5.86	950548	50.0
(DEL) Alkane: Str...	1.93	5.3	ug/L	101178	1	5.86	950548	50.0
(DEL) Alkane: Str...	2.69	4.0	ug/L	76377	1	5.86	950548	50.0
(DEL) Alkane: Cyc...	2.77	7.5	ug/L	142403	1	5.86	950548	50.0
(DEL) Alkane: Cyc...	4.06	8.2	ug/L	155435	1	5.86	950548	50.0