

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
 Data File : VU038809.D
 Acq On : 11 Jun 2020 04:51
 Operator : SY/MD
 Sample : L2915-16 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E24

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\SOMULM060820WMA.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	1.501	46	50	60	rVB2	16941	16219	0.84%	0.082%
2	1.613	76	85	96	rBV2	357918	395882	20.42%	2.000%
3	1.928	175	183	199	rVB	204401	268411	13.85%	1.356%
4	2.012	202	209	220	rVB	58576	80396	4.15%	0.406%
5	2.224	268	275	290	rVB2	48602	75053	3.87%	0.379%
6	2.340	304	311	323	rVB	28758	41061	2.12%	0.207%
7	2.491	350	358	374	rVB2	40254	63930	3.30%	0.323%
8	2.591	377	389	422	rVB	443440	769466	39.69%	3.888%
9	2.771	442	445	448	rBV3	556	366	0.02%	0.002%
10	2.797	451	453	455	rVB2	574	208	0.01%	0.001%
11	2.813	455	458	459	rBV	692	321	0.02%	0.002%
12	2.877	474	478	480	rBV2	625	486	0.03%	0.002%
13	2.919	487	491	492	rBV3	639	508	0.03%	0.003%
14	2.964	503	505	506	rBV2	392	204	0.01%	0.001%
15	2.993	507	514	517	rBV4	2264	3121	0.16%	0.016%
16	3.047	522	531	544	rVB2	29562	57335	2.96%	0.290%
17	3.170	558	569	578	rBV	43437	87766	4.53%	0.443%
18	3.340	617	622	623	rBV2	314	269	0.01%	0.001%
19	3.478	663	665	671	rVB	227	194	0.01%	0.001%
20	3.571	690	694	695	rBV	326	221	0.01%	0.001%
21	3.581	695	697	701	rVB	347	234	0.01%	0.001%
22	3.610	701	706	707	rBV3	1112	968	0.05%	0.005%
23	3.707	733	736	740	rVB2	265	209	0.01%	0.001%
24	3.861	780	784	785	rBV2	372	242	0.01%	0.001%
25	3.871	785	787	789	rBV	706	306	0.02%	0.002%
26	3.954	808	813	816	rBV3	957	1090	0.06%	0.006%
27	4.157	873	876	879	rVV2	343	179	0.01%	0.001%
28	4.211	882	893	906	rVV3	4623	10486	0.54%	0.053%
29	4.369	933	942	944	rBV4	1394	1642	0.08%	0.008%
30	4.404	950	953	957	rVB2	449	254	0.01%	0.001%
31	4.475	971	975	979	rBV2	291	189	0.01%	0.001%
32	4.568	991	1004	1018	rBV4	14980	35025	1.81%	0.177%
33	4.668	1018	1035	1073	rBV	238936	637836	32.90%	3.223%
34	4.944	1118	1121	1124	rBV3	384	299	0.02%	0.002%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Title : VOC Analysis

35	4.996	1134	1137	1142	rBV2	506	556	0.03%	0.003%
36	5.022	1142	1145	1147	rBV2	317	191	0.01%	0.001%
37	5.102	1153	1170	1195	rBV	387003	840743	43.37%	4.248%
38	5.256	1216	1218	1223	rBV3	341	329	0.02%	0.002%
39	5.321	1228	1238	1239	rBV3	1294	1446	0.07%	0.007%
40	5.424	1255	1270	1285	rBV2	24140	53196	2.74%	0.269%
41	5.501	1291	1294	1299	rBV2	404	367	0.02%	0.002%
42	5.523	1299	1301	1307	rVB2	387	258	0.01%	0.001%
43	5.568	1307	1315	1322	rBV	660	928	0.05%	0.005%
44	5.661	1342	1344	1348	rVB2	247	164	0.01%	0.001%
45	5.678	1348	1349	1352	rBV	295	205	0.01%	0.001%
46	5.761	1352	1375	1379	rBV2	780506	1938674	100.00%	9.796%
47	6.279	1522	1536	1564	rBV	679706	1301622	67.14%	6.577%
48	6.719	1659	1673	1690	rBV	483526	932241	48.09%	4.711%
49	6.948	1740	1744	1746	rBV3	247	200	0.01%	0.001%
50	7.070	1777	1782	1784	rBV	459	302	0.02%	0.002%
51	7.176	1812	1815	1816	rBV	361	205	0.01%	0.001%
52	7.208	1816	1825	1838	rVV8	2894	5532	0.29%	0.028%
53	7.263	1838	1842	1848	rVB3	403	342	0.02%	0.002%
54	7.304	1851	1855	1859	rVB2	364	273	0.01%	0.001%
55	7.372	1871	1876	1877	rBV2	319	200	0.01%	0.001%
56	7.388	1877	1881	1882	rBV2	300	200	0.01%	0.001%
57	7.401	1883	1885	1887	rBV	386	168	0.01%	0.001%
58	7.468	1904	1906	1916	rVB2	506	553	0.03%	0.003%
59	7.587	1929	1943	1960	rBV	258590	454885	23.46%	2.299%
60	7.780	1995	2003	2009	rBV5	1650	2425	0.13%	0.012%
61	7.922	2031	2047	2058	rBV	892036	1578033	81.40%	7.974%
62	7.993	2060	2069	2100	rVB	796833	1428690	73.69%	7.219%
63	8.198	2122	2133	2150	rVB	190455	315757	16.29%	1.596%
64	8.369	2183	2186	2190	rBV	432	291	0.02%	0.001%
65	8.439	2206	2208	2215	rVB3	415	301	0.02%	0.002%
66	8.597	2254	2257	2258	rBV2	287	169	0.01%	0.001%
67	8.655	2262	2275	2307	rVV	743218	1336500	68.94%	6.753%
68	9.060	2399	2401	2404	rBV2	383	230	0.01%	0.001%
69	9.144	2423	2427	2429	rBV	286	250	0.01%	0.001%
70	9.369	2493	2497	2499	rBV2	430	314	0.02%	0.002%
71	9.433	2503	2517	2551	rBV	941077	1648958	85.06%	8.332%

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72	9.587	2552	2565	2587	rBV	483546	802904	41.42%	4.057%
73	9.841	2637	2644	2649	rBV6	5297	8244	0.43%	0.042%
74	9.964	2674	2682	2692	rVB5	5518	9403	0.49%	0.048%
75	10.031	2692	2703	2707	rBV4	6129	10189	0.53%	0.051%
76	10.115	2720	2729	2746	rVB	97278	159327	8.22%	0.805%
77	10.263	2773	2775	2778	rVB2	411	179	0.01%	0.001%
78	10.295	2778	2785	2793	rVB7	3205	4997	0.26%	0.025%
79	10.346	2793	2801	2805	rBV5	1647	2458	0.13%	0.012%
80	10.439	2823	2830	2839	rVB4	4029	5632	0.29%	0.028%
81	10.497	2840	2848	2858	rVB3	6960	10207	0.53%	0.052%
82	10.664	2892	2900	2908	rVB5	4502	5900	0.30%	0.030%
83	10.771	2920	2933	2951	rVB	667201	1080237	55.72%	5.458%
84	10.918	2968	2979	2985	rBV	6576	10313	0.53%	0.052%
85	11.195	3062	3065	3066	rBV	336	169	0.01%	0.001%
86	11.301	3091	3098	3112	rBV2	10061	16129	0.83%	0.082%
87	11.420	3125	3135	3140	rBV8	2508	3643	0.19%	0.018%
88	11.478	3146	3153	3163	rVB3	14827	21748	1.12%	0.110%
89	11.645	3203	3205	3209	rBV2	403	224	0.01%	0.001%
90	11.664	3209	3211	3215	rBV2	470	365	0.02%	0.002%
91	11.822	3247	3260	3276	rBV	990890	1567910	80.88%	7.923%
92	11.906	3279	3286	3297	rVB2	14361	21329	1.10%	0.108%
93	12.102	3340	3347	3356	rVB3	8611	12250	0.63%	0.062%
94	12.137	3356	3358	3359	rBV	812	242	0.01%	0.001%
95	12.205	3364	3379	3394	rBV	964175	1558568	80.39%	7.876%
96	12.320	3410	3415	3425	rVB5	5020	6913	0.36%	0.035%
97	12.584	3493	3497	3500	rBV2	802	796	0.04%	0.004%
98	12.693	3527	3531	3536	rBV3	830	995	0.05%	0.005%
99	13.468	3768	3772	3779	rVB7	2196	2675	0.14%	0.014%
100	14.111	3963	3972	3983	rVB	44882	70039	3.61%	0.354%

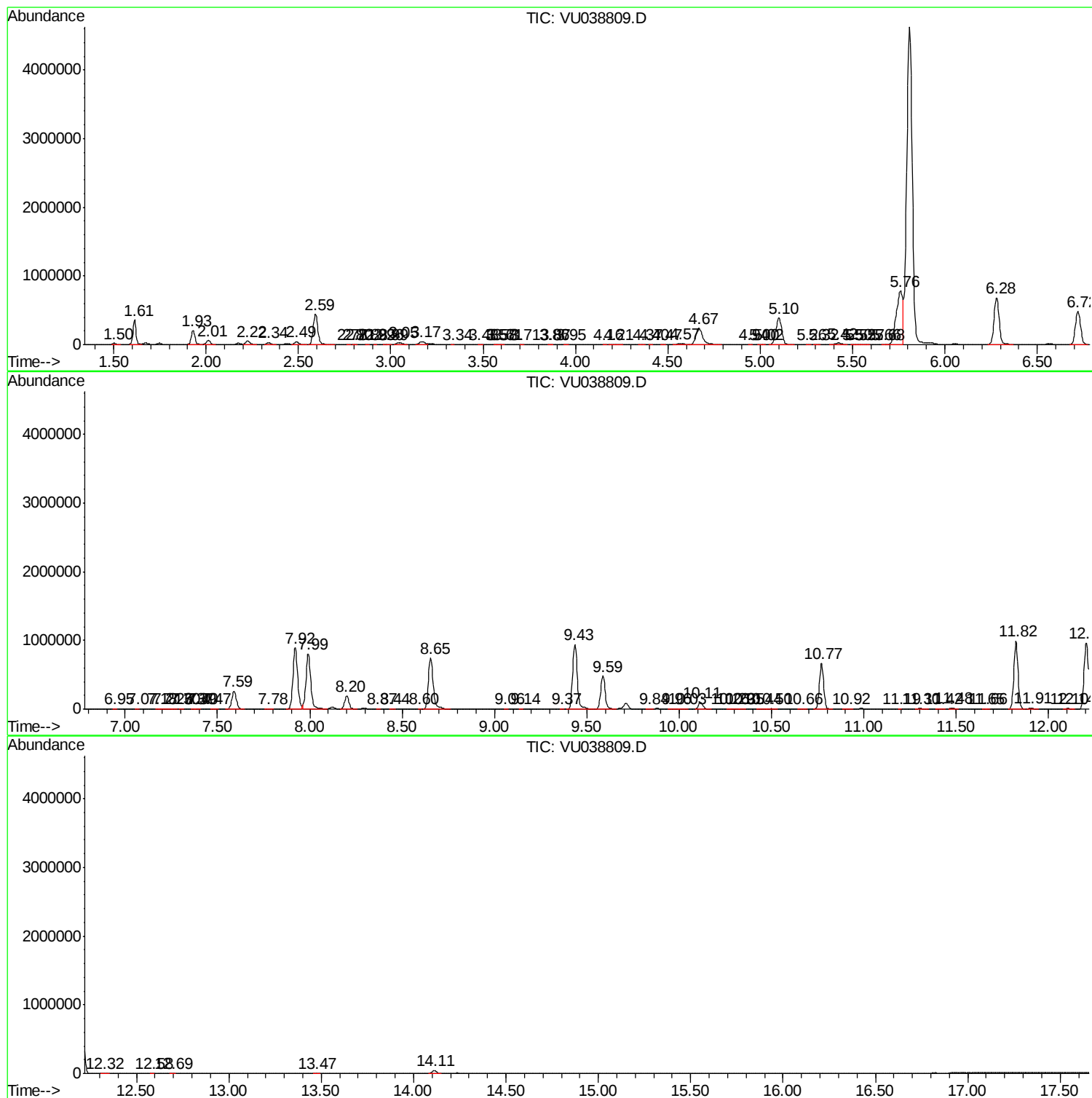
Sum of corrected areas: 19790059

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



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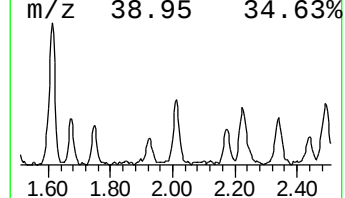
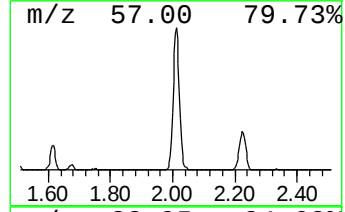
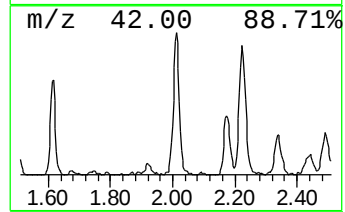
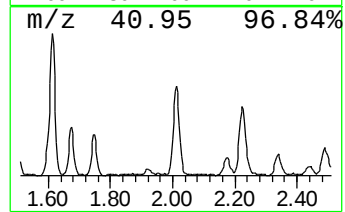
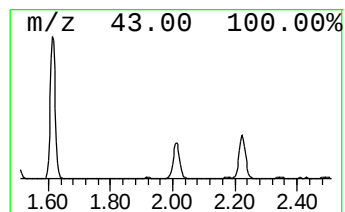
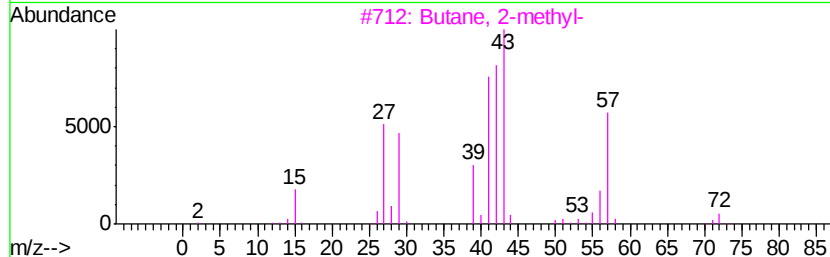
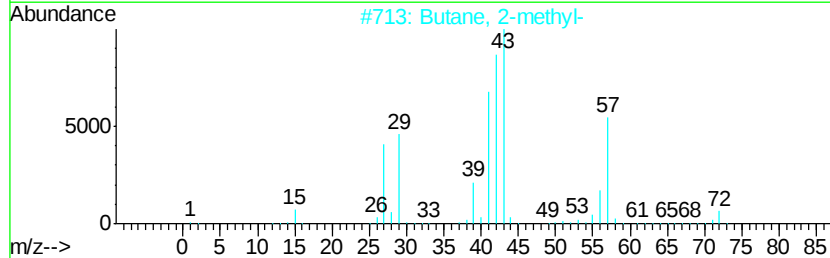
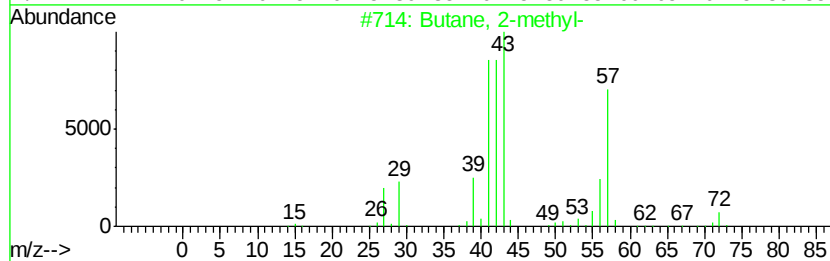
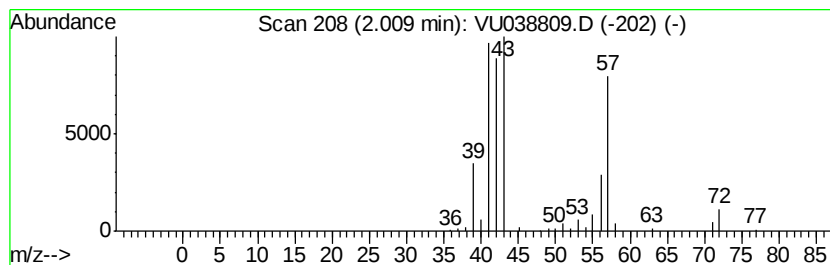
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	3.09 ug/L	80396	1,4-Difluorobenzene	6.28

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	86
3		Butane, 2-methyl-	72	C5H12	000078-78-4	83
4		Pentane	72	C5H12	000109-66-0	28
5		1-Propene, 2-methyl-	56	C4H8	000115-11-7	10



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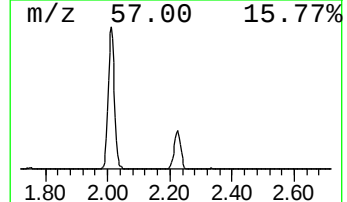
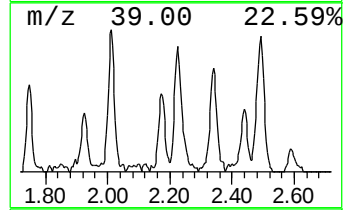
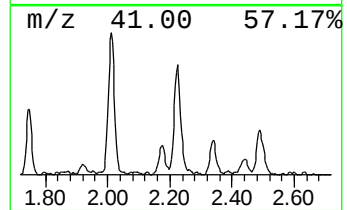
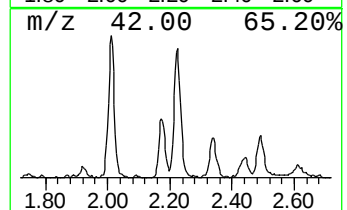
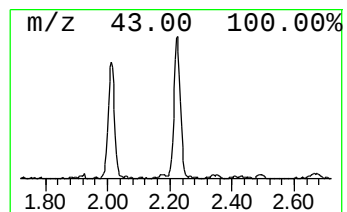
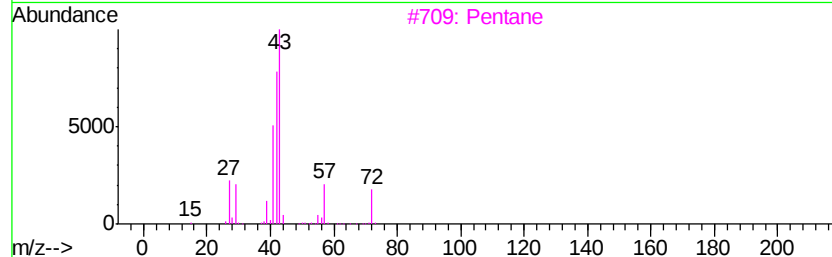
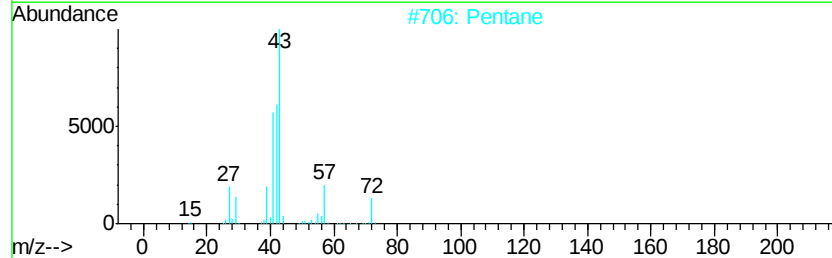
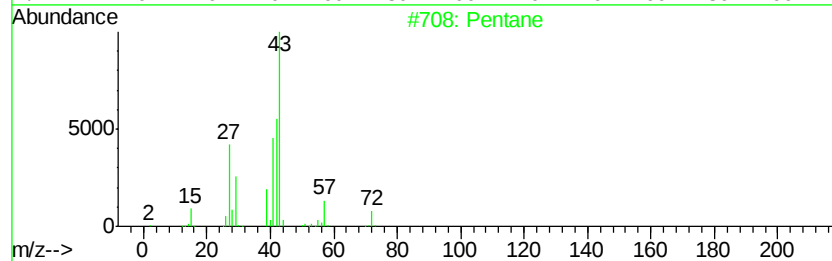
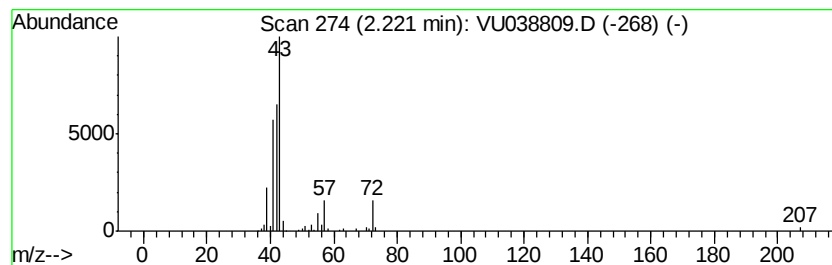
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	2.88 ug/L	75053	1,4-Difluorobenzene	6.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	80
2		Pentane	72	C5H12	000109-66-0	72
3		Pentane	72	C5H12	000109-66-0	64
4		Pentane	72	C5H12	000109-66-0	64
5		Oxirane, ethyl-	72	C4H8O	000106-88-7	42



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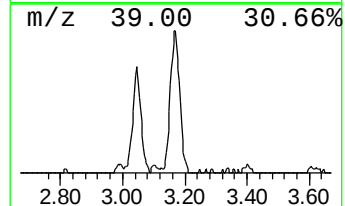
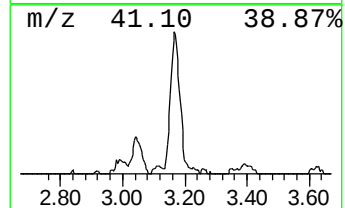
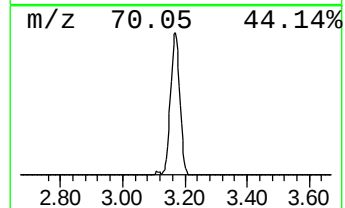
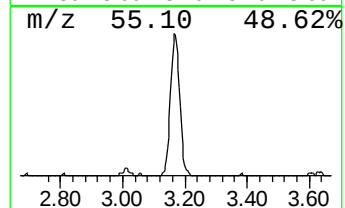
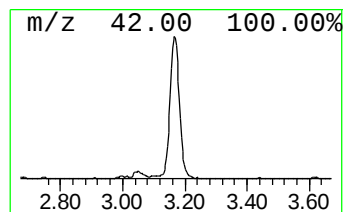
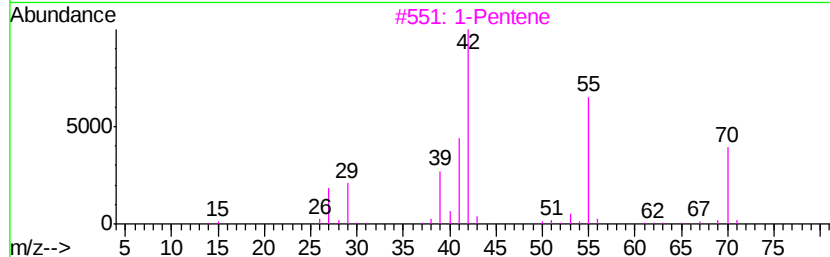
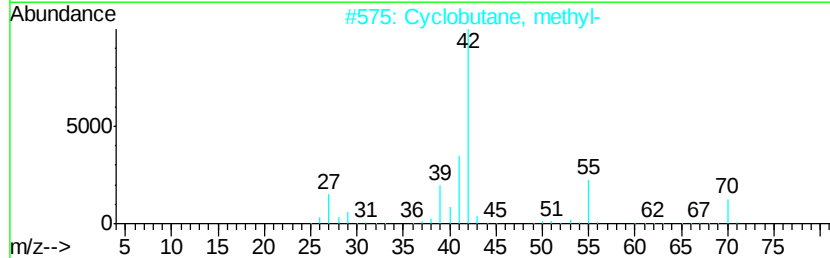
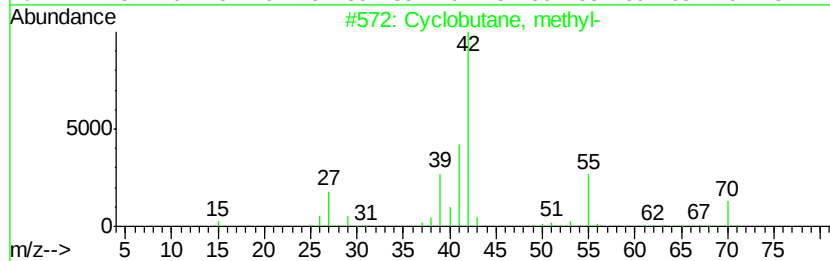
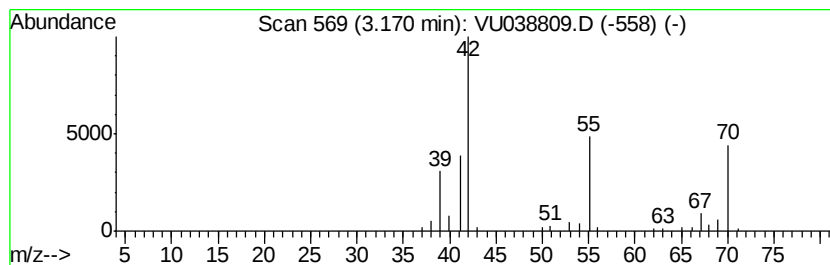
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Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Cyclic3.17 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	3.37 ug/L	87766	1,4-Difluorobenzene	6.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclobutane, methyl-	70	C5H10	000598-61-8	80
2		Cyclobutane, methyl-	70	C5H10	000598-61-8	72
3		1-Pentene	70	C5H10	000109-67-1	72
4		Cyclopentane	70	C5H10	000287-92-3	64
5		1-Pentene	70	C5H10	000109-67-1	59



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Acq On : 11 Jun 2020 04:51
Operator : SY/MD
Sample : L2915-16 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9E24

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.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: Str...	2.01	3.1	ug/L	80396	1	6.28	1301620	50.0
(DEL) Alkane: Str...	2.22	2.9	ug/L	75053	1	6.28	1301620	50.0
(DEL) Alkane: Cyc...	3.17	3.4	ug/L	87766	1	6.28	1301620	50.0