

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
 Data File : VU038794.D
 Acq On : 10 Jun 2020 22:36
 Operator : SY/MD
 Sample : L2915-03 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E06

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	1.372	5	10	16	rBV2	8359	8295	0.10%	0.030%
2	1.501	45	50	57	rBV	27854	28312	0.35%	0.101%
3	1.613	75	85	96	rBV2	397735	460482	5.65%	1.642%
4	1.674	98	104	114	rVB	24905	27330	0.34%	0.097%
5	1.748	120	127	136	rVB	19332	22723	0.28%	0.081%
6	1.928	174	183	198	rVB	218330	285798	3.50%	1.019%
7	2.012	201	209	222	rVB	61769	85095	1.04%	0.303%
8	2.173	251	259	267	rBV	31906	44677	0.55%	0.159%
9	2.224	267	275	288	rVB3	42358	64043	0.79%	0.228%
10	2.340	302	311	324	rVB	28854	43198	0.53%	0.154%
11	2.440	334	342	350	rVB2	17748	24648	0.30%	0.088%
12	2.491	350	358	369	rVB2	24292	35372	0.43%	0.126%
13	2.591	377	389	408	rBV	480606	805381	9.88%	2.871%
14	2.723	427	430	438	rVB4	1000	1094	0.01%	0.004%
15	2.973	504	508	509	rBV2	917	623	0.01%	0.002%
16	2.989	509	513	516	rVV3	1899	2007	0.02%	0.007%
17	3.047	520	531	547	rVB	19393	38533	0.47%	0.137%
18	3.169	558	569	578	rBV	36620	73220	0.90%	0.261%
19	3.385	629	636	639	rBV7	2147	2897	0.04%	0.010%
20	3.626	699	711	720	rBV6	3044	6602	0.08%	0.024%
21	3.732	736	744	745	rBV4	1674	1627	0.02%	0.006%
22	3.874	782	788	793	rBV6	741	707	0.01%	0.003%
23	3.951	806	812	822	rVB5	1360	2053	0.03%	0.007%
24	4.012	829	831	839	rVB2	1002	1235	0.02%	0.004%
25	4.128	861	867	870	rBV3	653	770	0.01%	0.003%
26	4.140	870	871	878	rVB2	749	511	0.01%	0.002%
27	4.208	878	892	907	rBV5	4598	11217	0.14%	0.040%
28	4.285	908	916	918	rBV4	1669	1918	0.02%	0.007%
29	4.568	988	1004	1019	rBV4	18427	43866	0.54%	0.156%
30	4.665	1019	1034	1064	rBV	246955	642591	7.88%	2.291%
31	4.903	1104	1108	1113	rVB2	699	656	0.01%	0.002%
32	5.102	1153	1170	1190	rBV	393626	859098	10.53%	3.063%
33	5.205	1196	1202	1207	rBV6	1295	1769	0.02%	0.006%
34	5.324	1231	1239	1252	rVB5	1925	3335	0.04%	0.012%

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 Title : VOC Analysis

35	5.423	1252	1270	1286	rBV4	27794	63960	0.78%	0.228%
36	5.758	1349	1374	1379	rBV2	813183	2007538	24.62%	7.157%
37	5.806	1381	1389	1419	rVB	4074050	8155723	100.00%	29.074%
38	6.054	1455	1466	1478	rVB3	40677	82034	1.01%	0.292%
39	6.279	1521	1536	1570	rVB	703315	1332963	16.34%	4.752%
40	6.439	1581	1586	1588	rBV2	735	558	0.01%	0.002%
41	6.558	1612	1623	1641	rBV6	12171	37530	0.46%	0.134%
42	6.719	1658	1673	1692	rBV	496250	963696	11.82%	3.435%
43	6.828	1704	1707	1714	rVB5	1646	1874	0.02%	0.007%
44	7.185	1813	1818	1819	rBV3	994	733	0.01%	0.003%
45	7.201	1819	1823	1832	rVB4	3200	4453	0.05%	0.016%
46	7.417	1884	1890	1891	rBV2	627	563	0.01%	0.002%
47	7.591	1927	1944	1961	rBV	272987	478980	5.87%	1.707%
48	7.709	1976	1981	1982	rBV3	1440	1182	0.01%	0.004%
49	7.774	1998	2001	2002	rBV2	1139	779	0.01%	0.003%
50	7.922	2029	2047	2059	rBV	950743	1690428	20.73%	6.026%
51	7.989	2060	2068	2089	rVB	289478	534165	6.55%	1.904%
52	8.118	2102	2108	2118	rVB2	8986	14885	0.18%	0.053%
53	8.201	2121	2134	2148	rBV	191672	322632	3.96%	1.150%
54	8.291	2154	2162	2172	rVB2	6150	10001	0.12%	0.036%
55	8.655	2261	2275	2307	rBV	731667	1303755	15.99%	4.648%
56	8.819	2316	2326	2334	rVB6	7184	12453	0.15%	0.044%
57	9.182	2434	2439	2444	rVV3	651	760	0.01%	0.003%
58	9.433	2504	2517	2530	rBV	964645	1658730	20.34%	5.913%
59	9.587	2552	2565	2583	rBV	536330	881081	10.80%	3.141%
60	9.709	2596	2603	2618	rVB	64204	109925	1.35%	0.392%
61	9.844	2636	2645	2651	rBV6	11280	18620	0.23%	0.066%
62	9.963	2674	2682	2690	rVB4	4554	6958	0.09%	0.025%
63	10.018	2694	2699	2700	rBV2	3757	2215	0.03%	0.008%
64	10.115	2719	2729	2744	rVB	99358	161778	1.98%	0.577%
65	10.282	2777	2781	2782	rBV3	1163	595	0.01%	0.002%
66	10.295	2782	2785	2795	rVB4	1885	2141	0.03%	0.008%
67	10.343	2795	2800	2803	rBV3	857	1053	0.01%	0.004%
68	10.436	2824	2829	2837	rBV9	2330	3335	0.04%	0.012%
69	10.497	2837	2848	2860	rVB3	9398	14841	0.18%	0.053%
70	10.770	2920	2933	2955	rVB	670718	1078622	13.23%	3.845%
71	10.918	2970	2979	2989	rBV2	7348	12374	0.15%	0.044%

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72	10.986	2993	3000	3003	rBV5	4779	6533	0.08%	0.023%
73	11.008	3003	3007	3012	rVB4	3512	4370	0.05%	0.016%
74	11.073	3024	3027	3029	rBV2	913	522	0.01%	0.002%
75	11.102	3031	3036	3044	rVB4	1979	2485	0.03%	0.009%
76	11.201	3062	3067	3069	rBV2	765	590	0.01%	0.002%
77	11.301	3086	3098	3113	rBV3	13448	23707	0.29%	0.085%
78	11.407	3127	3131	3132	rBV2	959	695	0.01%	0.002%
79	11.478	3144	3153	3165	rBV	16303	24540	0.30%	0.087%
80	11.664	3201	3211	3212	rBV5	895	1196	0.01%	0.004%
81	11.741	3229	3235	3238	rBV4	792	625	0.01%	0.002%
82	11.822	3247	3260	3276	rBV	1048747	1624157	19.91%	5.790%
83	11.905	3278	3286	3298	rVB	11002	16703	0.20%	0.060%
84	12.018	3316	3321	3325	rBV2	764	825	0.01%	0.003%
85	12.105	3339	3348	3358	rVB3	10266	16417	0.20%	0.059%
86	12.204	3365	3379	3396	rBV	1041418	1649560	20.23%	5.880%
87	12.327	3409	3417	3424	rVB3	3583	5033	0.06%	0.018%
88	12.687	3524	3529	3536	rVB6	2133	2852	0.03%	0.010%
89	13.021	3628	3633	3634	rBV2	795	589	0.01%	0.002%
90	13.159	3671	3676	3678	rBV	552	549	0.01%	0.002%
91	13.217	3691	3694	3699	rVB	691	592	0.01%	0.002%
92	13.475	3765	3774	3782	rVB3	3416	4779	0.06%	0.017%
93	13.542	3789	3795	3802	rVB5	1583	2232	0.03%	0.008%
94	13.606	3812	3815	3818	rBV2	694	501	0.01%	0.002%
95	13.648	3822	3828	3836	rVB7	1895	2871	0.04%	0.010%
96	14.111	3961	3972	3985	rBV	26120	41351	0.51%	0.147%
97	14.237	4005	4011	4018	rVB	5285	6222	0.08%	0.022%
98	14.960	4233	4236	4244	rBV5	753	954	0.01%	0.003%
99	15.449	4383	4388	4392	rBV6	2832	3501	0.04%	0.012%
100	15.822	4501	4504	4509	rBV5	1192	1234	0.02%	0.004%

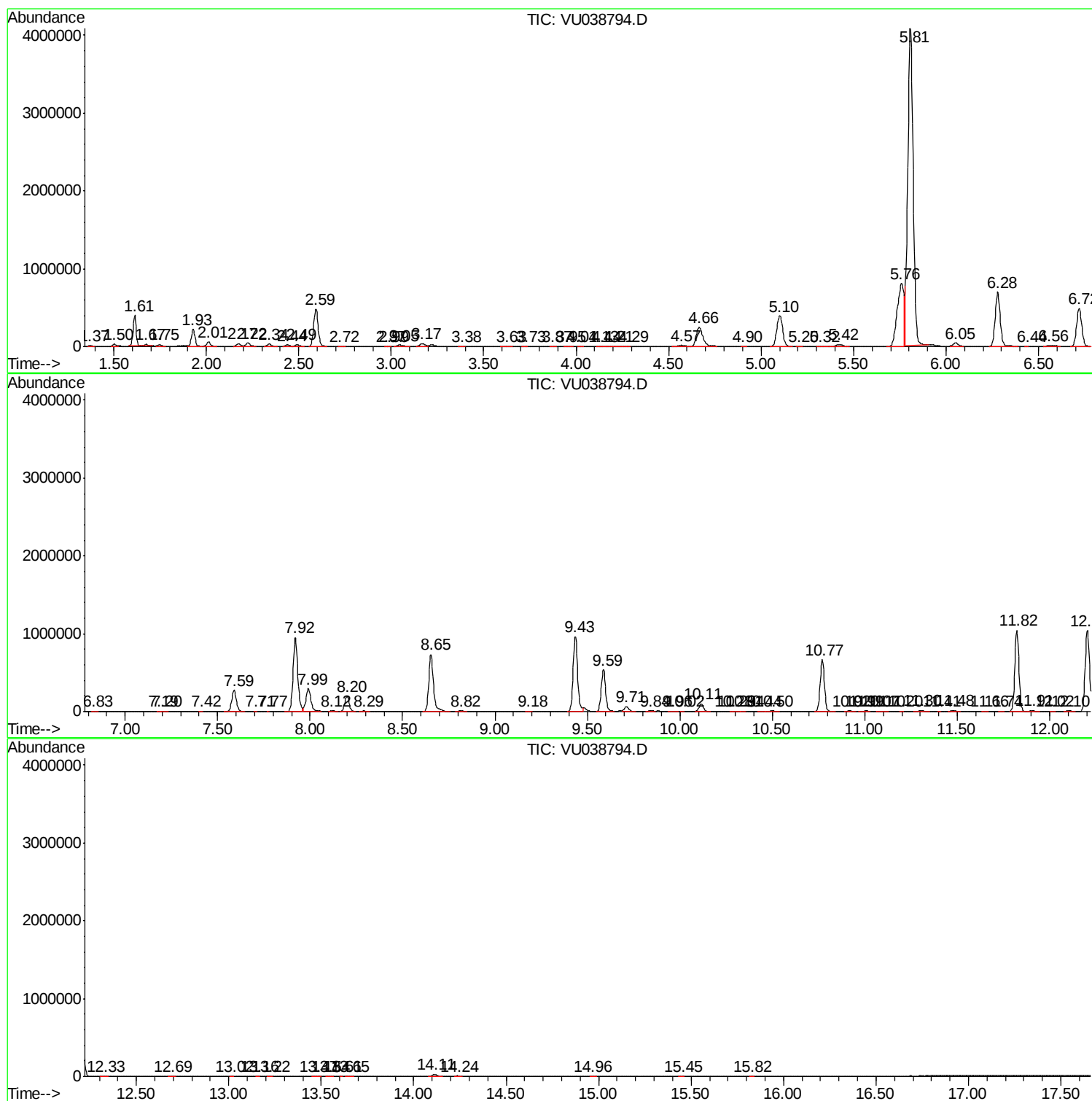
Sum of corrected areas: 28051781

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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



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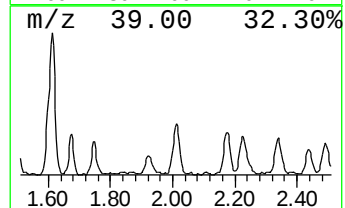
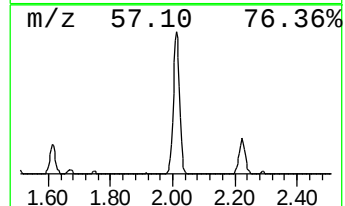
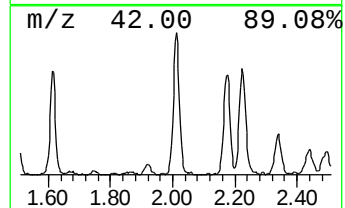
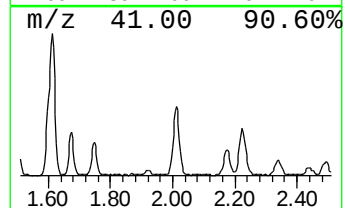
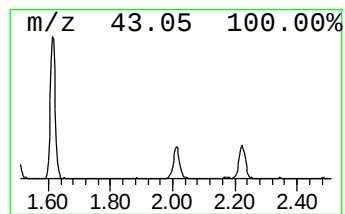
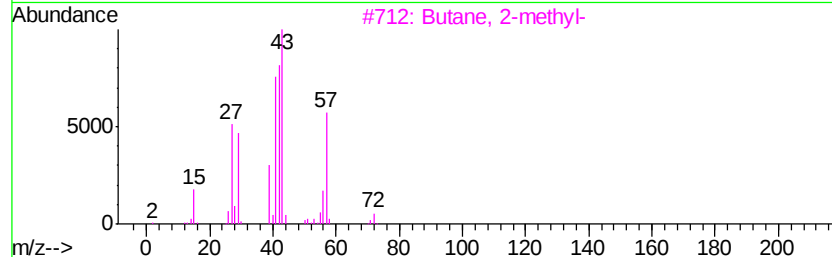
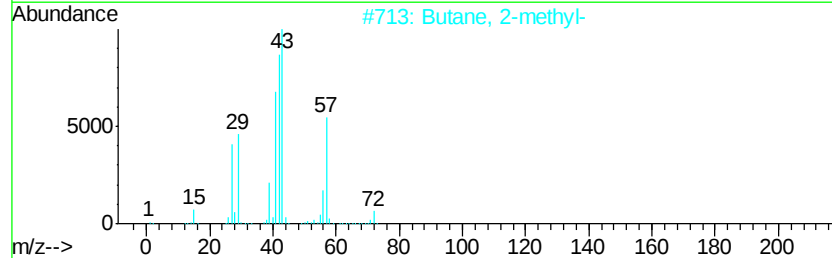
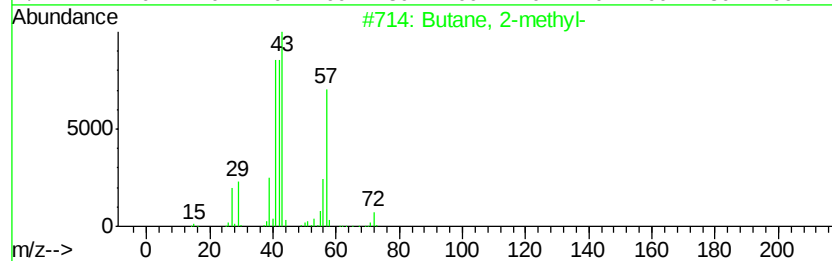
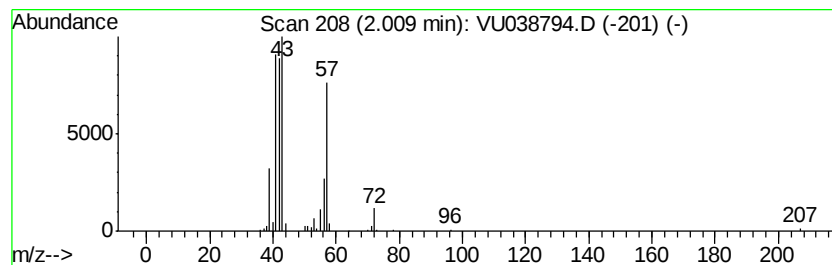
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	3.19 ug/L	85095	1,4-Difluorobenzene	6.28

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	86
3			Butane, 2-methyl-	72	C5H12	000078-78-4	80
4			Pentane	72	C5H12	000109-66-0	32
5			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	28



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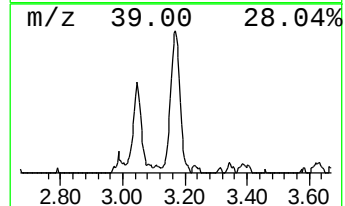
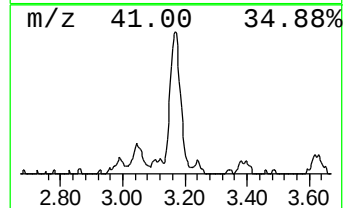
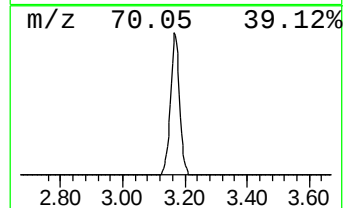
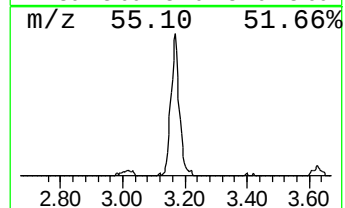
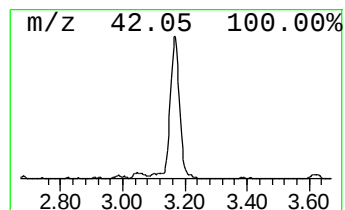
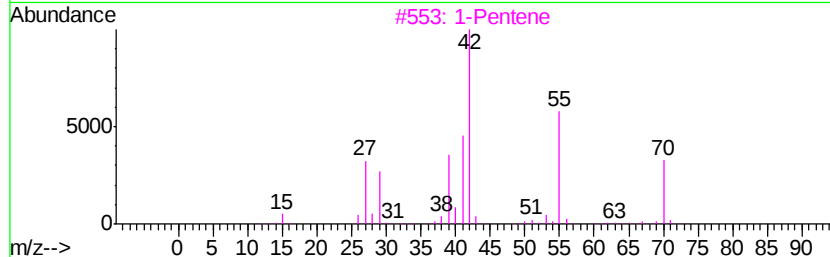
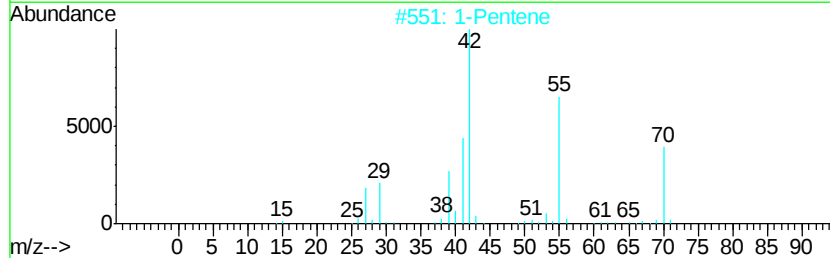
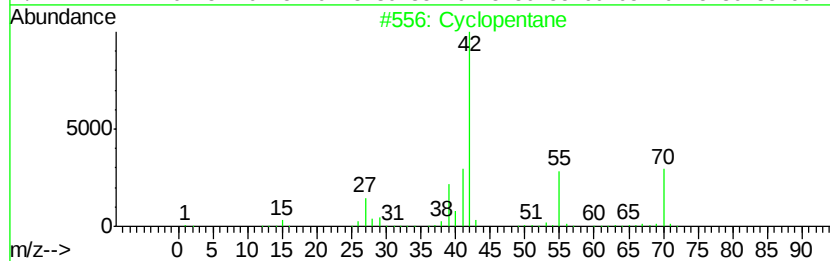
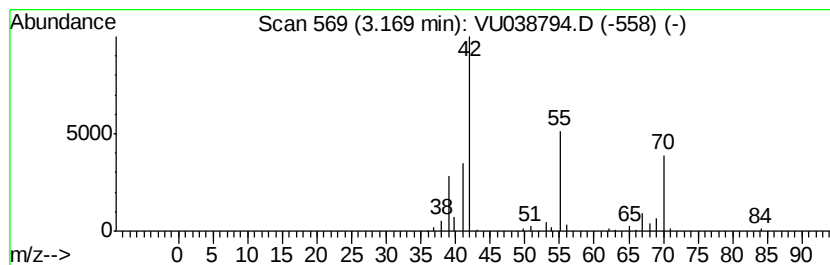
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Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Cyclic3.17 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	2.75 ug/L	73220	1,4-Difluorobenzene	6.28

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



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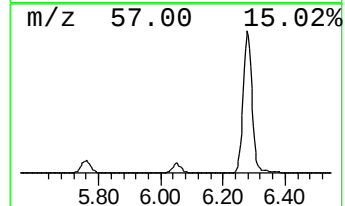
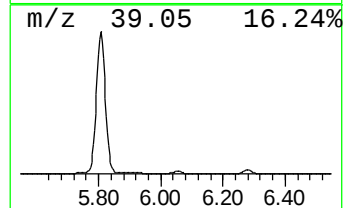
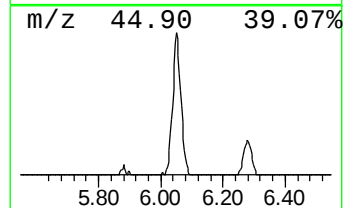
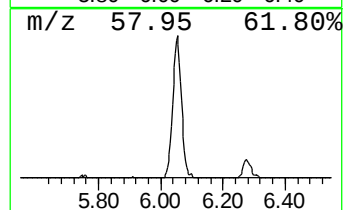
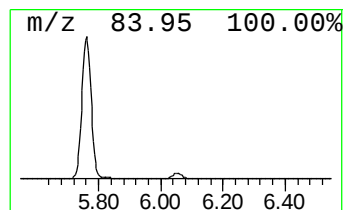
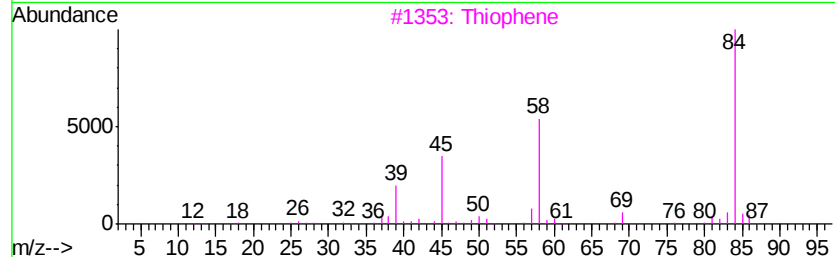
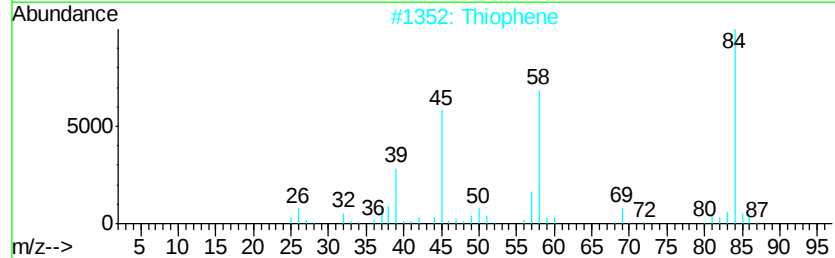
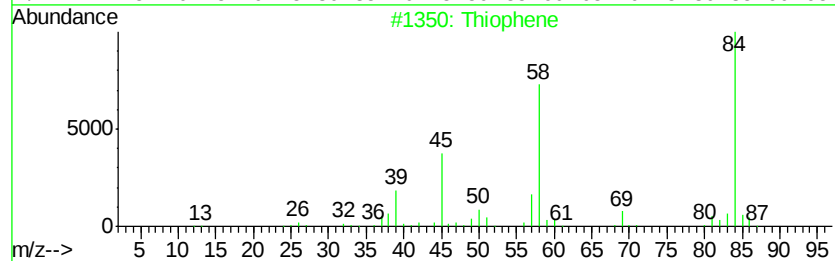
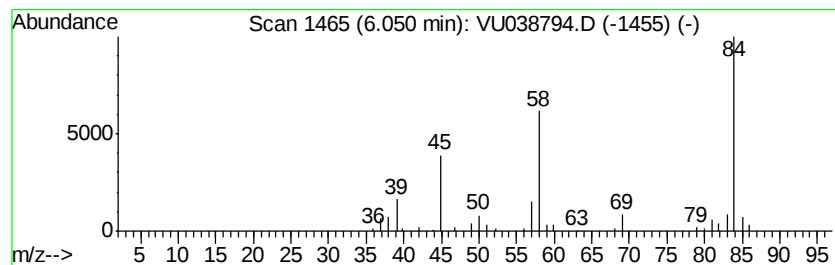
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	3.08 ug/L	82034	1,4-Difluorobenzene	6.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene	84	C4H4S	000110-02-1	91
2		Thiophene	84	C4H4S	000110-02-1	91
3		Thiophene	84	C4H4S	000110-02-1	91
4		Thiophene	84	C4H4S	000110-02-1	90
5		4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	32



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061120\
Data File : VU038794.D
Acq On : 10 Jun 2020 22:36
Operator : SY/MD
Sample : L2915-03 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9E06

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	3.2	ug/L	85095	1	6.28	1332960	50.0
(DEL) Alkane: Cyc...	3.17	2.8	ug/L	73220	1	6.28	1332960	50.0
Thiophene	6.05	3.1	ug/L	82034	1	6.28	1332960	50.0