

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
 Data File : VU038810.D
 Acq On : 11 Jun 2020 05:13
 Operator : SY/MD
 Sample : L2915-17 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E50

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	1.369	4	9	15	rBV2	9573	9644	0.07%	0.029%
2	1.501	44	50	59	rBV	29204	31337	0.24%	0.093%
3	1.614	74	85	97	rBV2	393256	451290	3.49%	1.343%
4	1.675	98	104	116	rVV	28944	35501	0.27%	0.106%
5	1.749	120	127	138	rVB	23592	28781	0.22%	0.086%
6	1.929	174	183	196	rVB	215581	280484	2.17%	0.835%
7	2.012	200	209	218	rBV	50503	69946	0.54%	0.208%
8	2.173	252	259	266	rBV	14323	18606	0.14%	0.055%
9	2.225	267	275	288	rVB3	38996	63327	0.49%	0.189%
10	2.340	304	311	321	rVB	20669	28341	0.22%	0.084%
11	2.440	336	342	349	rVB3	11546	14551	0.11%	0.043%
12	2.491	350	358	369	rVB2	27785	41390	0.32%	0.123%
13	2.591	377	389	407	rBV	478722	801436	6.20%	2.386%
14	2.768	439	444	446	rBV3	773	579	0.00%	0.002%
15	2.993	505	514	519	rBV6	2384	4451	0.03%	0.013%
16	3.048	521	531	548	rVB2	18978	37396	0.29%	0.111%
17	3.118	548	553	556	rBV5	1562	1432	0.01%	0.004%
18	3.170	557	569	578	rBV2	38407	77189	0.60%	0.230%
19	3.392	628	638	651	rVB6	2534	5586	0.04%	0.017%
20	3.620	700	709	711	rBV4	1576	2132	0.02%	0.006%
21	3.723	735	741	742	rBV2	1444	1109	0.01%	0.003%
22	3.871	780	787	791	rVV3	606	760	0.01%	0.002%
23	3.996	822	826	827	rBV2	762	512	0.00%	0.002%
24	4.016	827	832	842	rVB3	2310	3653	0.03%	0.011%
25	4.115	859	863	865	rBV2	668	486	0.00%	0.001%
26	4.208	878	892	907	rBV4	4988	11234	0.09%	0.033%
27	4.295	911	919	930	rVB5	2140	3816	0.03%	0.011%
28	4.572	986	1005	1018	rBV3	20445	48685	0.38%	0.145%
29	4.665	1018	1034	1061	rBV	255693	651821	5.04%	1.940%
30	4.935	1115	1118	1123	rVV4	674	501	0.00%	0.001%
31	5.099	1149	1169	1189	rBV	392060	860350	6.65%	2.561%
32	5.208	1197	1203	1213	rVB7	2532	4906	0.04%	0.015%
33	5.311	1229	1235	1236	rBV3	1183	880	0.01%	0.003%
34	5.424	1254	1270	1290	rVV4	33082	76345	0.59%	0.227%

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 Title : VOC Analysis

35	5.761	1349	1375	1378	rBV2	823158	1883207	14.56%	5.606%
36	5.810	1380	1390	1419	rVB	6401888	12935326	100.00%	38.505%
37	6.054	1456	1466	1481	rVB	67302	134170	1.04%	0.399%
38	6.279	1522	1536	1564	rVB	706768	1328612	10.27%	3.955%
39	6.559	1612	1623	1631	rBV4	11141	25099	0.19%	0.075%
40	6.720	1658	1673	1689	rBV	500743	958308	7.41%	2.853%
41	6.954	1741	1746	1750	rBV3	756	671	0.01%	0.002%
42	7.183	1810	1817	1818	rBV	994	924	0.01%	0.003%
43	7.205	1818	1824	1833	rVB6	3932	6254	0.05%	0.019%
44	7.420	1886	1891	1899	rVB4	1815	2099	0.02%	0.006%
45	7.588	1929	1943	1965	rBV	268348	468946	3.63%	1.396%
46	7.703	1974	1979	1980	rBV5	1642	1146	0.01%	0.003%
47	7.777	1997	2002	2010	rBV7	2436	3413	0.03%	0.010%
48	7.816	2010	2014	2019	rVB5	1012	968	0.01%	0.003%
49	7.922	2030	2047	2059	rBV	954661	1693814	13.09%	5.042%
50	7.993	2059	2069	2099	rVV	471105	869408	6.72%	2.588%
51	8.121	2101	2109	2121	rVV	15622	26091	0.20%	0.078%
52	8.199	2121	2133	2152	rVB	193875	320835	2.48%	0.955%
53	8.295	2152	2163	2170	rBV3	9804	15032	0.12%	0.045%
54	8.652	2260	2274	2304	rBV	768399	1369589	10.59%	4.077%
55	8.813	2316	2324	2348	rVB5	12304	23593	0.18%	0.070%
56	9.382	2497	2501	2504	rBV4	959	825	0.01%	0.002%
57	9.433	2504	2517	2528	rBV	970991	1649790	12.75%	4.911%
58	9.588	2551	2565	2586	rBV	618651	1022840	7.91%	3.045%
59	9.713	2586	2604	2618	rVB2	46853	94201	0.73%	0.280%
60	9.842	2633	2644	2653	rBV5	19966	35505	0.27%	0.106%
61	9.961	2669	2681	2691	rBV3	8872	14514	0.11%	0.043%
62	10.028	2692	2702	2707	rBV5	8974	16212	0.13%	0.048%
63	10.115	2719	2729	2745	rVB	108657	178936	1.38%	0.533%
64	10.295	2775	2785	2791	rBV6	4140	6264	0.05%	0.019%
65	10.343	2798	2800	2803	rBV3	724	470	0.00%	0.001%
66	10.379	2803	2811	2820	rVV5	5120	7264	0.06%	0.022%
67	10.436	2823	2829	2840	rVB6	5113	7843	0.06%	0.023%
68	10.498	2840	2848	2858	rVB2	15131	22216	0.17%	0.066%
69	10.662	2892	2899	2911	rVB6	6016	9407	0.07%	0.028%
70	10.771	2919	2933	2955	rBV	686019	1110735	8.59%	3.306%
71	10.916	2967	2978	2988	rBV3	14338	24387	0.19%	0.073%

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72	10.983	2993	2999	3007	rVV2	12945	19610	0.15%	0.058%
73	11.035	3010	3015	3024	rVB	11260	15171	0.12%	0.045%
74	11.099	3024	3035	3042	rBV4	3860	6037	0.05%	0.018%
75	11.221	3071	3073	3078	rVB2	1105	788	0.01%	0.002%
76	11.305	3088	3099	3112	rBV	24608	42424	0.33%	0.126%
77	11.414	3124	3133	3143	rVB7	3224	5486	0.04%	0.016%
78	11.478	3143	3153	3165	rVB2	32194	49086	0.38%	0.146%
79	11.526	3165	3168	3170	rBV2	935	647	0.01%	0.002%
80	11.649	3199	3206	3207	rBV4	2362	2288	0.02%	0.007%
81	11.739	3228	3234	3240	rVB7	1115	1484	0.01%	0.004%
82	11.822	3245	3260	3275	rBV	1050753	1676456	12.96%	4.990%
83	11.903	3275	3285	3298	rVV2	23747	39234	0.30%	0.117%
84	11.951	3298	3300	3302	rVV2	1200	699	0.01%	0.002%
85	11.964	3302	3304	3306	rVV	1093	481	0.00%	0.001%
86	12.105	3339	3348	3357	rVB2	14283	21885	0.17%	0.065%
87	12.202	3365	3378	3398	rVB	1037557	1663635	12.86%	4.952%
88	12.321	3411	3415	3425	rVB6	4254	5388	0.04%	0.016%
89	12.382	3431	3434	3438	rBV3	1041	734	0.01%	0.002%
90	12.581	3492	3496	3499	rBV3	629	557	0.00%	0.002%
91	12.694	3525	3531	3540	rVB4	1935	3219	0.02%	0.010%
92	12.793	3554	3562	3569	rBV3	1195	1612	0.01%	0.005%
93	13.044	3632	3640	3644	rVB4	869	1185	0.01%	0.004%
94	13.475	3765	3774	3782	rVV6	3839	6486	0.05%	0.019%
95	13.645	3820	3827	3836	rBV5	2477	3986	0.03%	0.012%
96	14.112	3961	3972	3984	rBV	43067	68963	0.53%	0.205%
97	14.169	3987	3990	3994	rBV2	921	619	0.00%	0.002%
98	14.234	4004	4010	4020	rVB2	6108	9684	0.07%	0.029%
99	15.452	4381	4389	4397	rBV6	4470	7692	0.06%	0.023%
100	16.009	4560	4562	4564	rBV3	1263	625	0.00%	0.002%

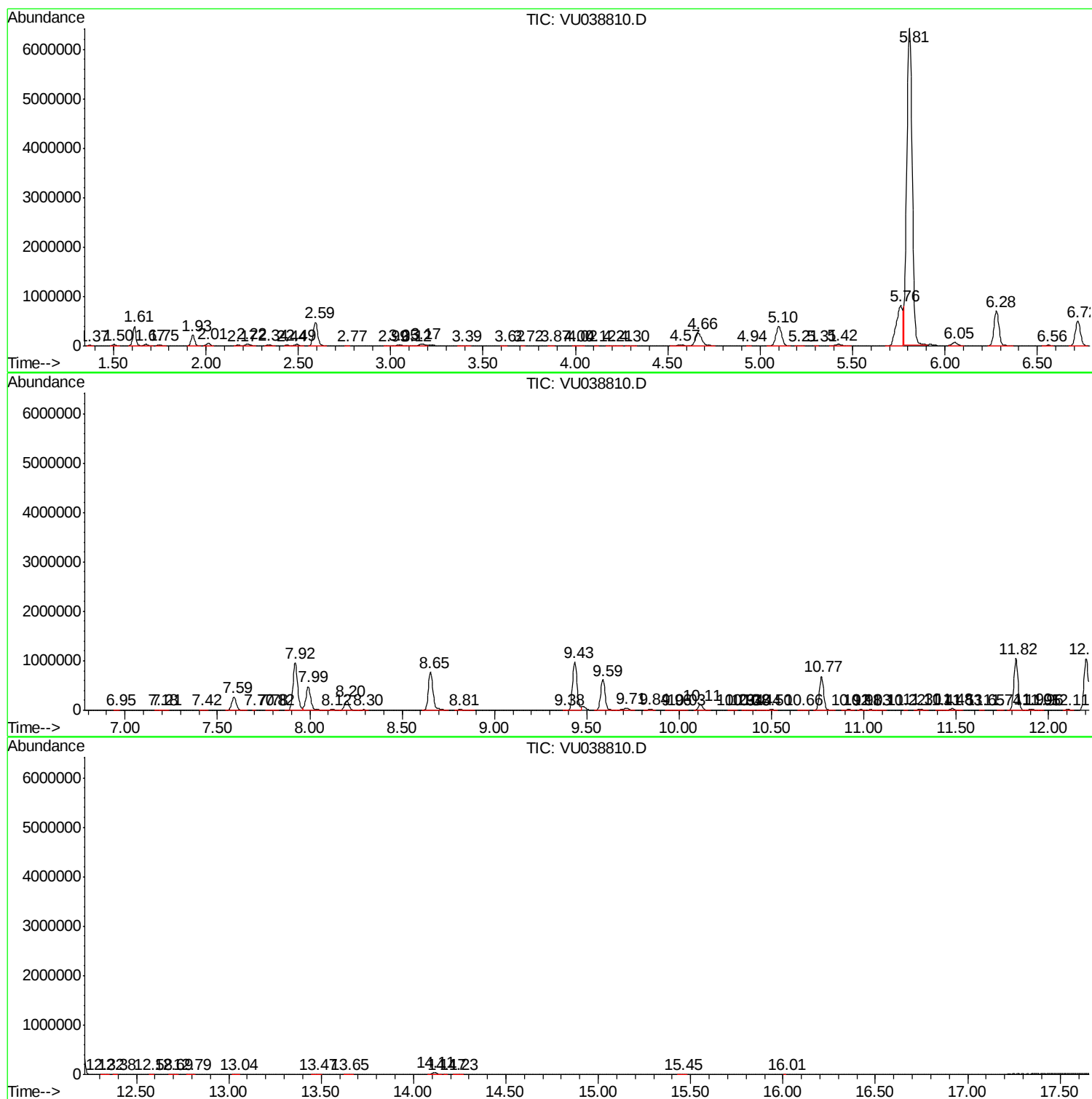
Sum of corrected areas: 33593532

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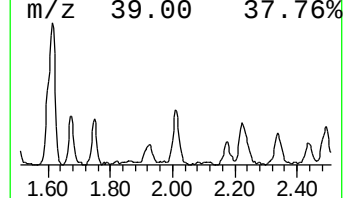
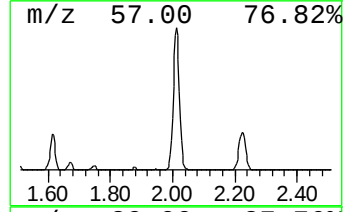
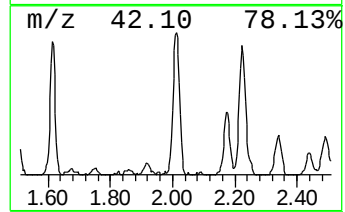
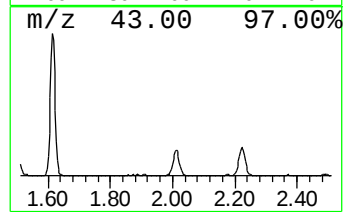
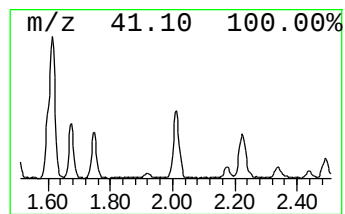
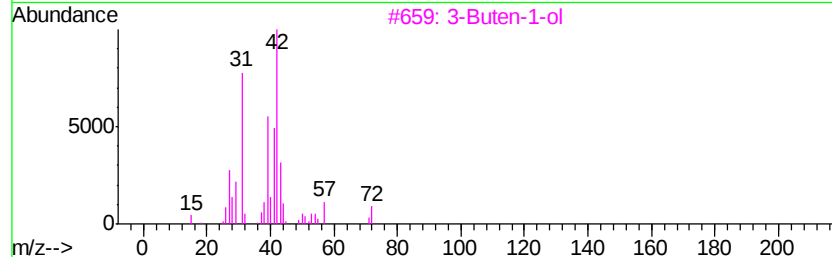
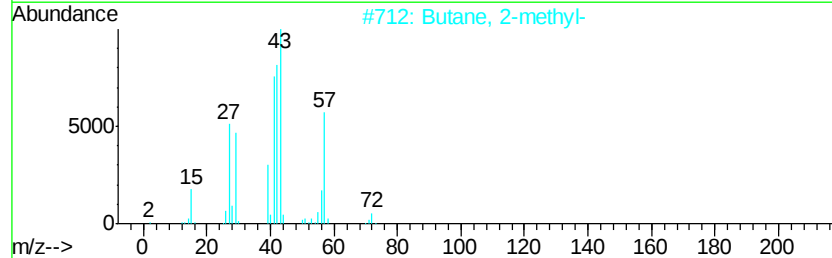
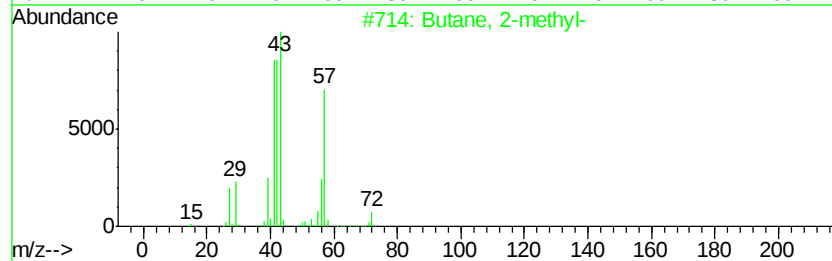
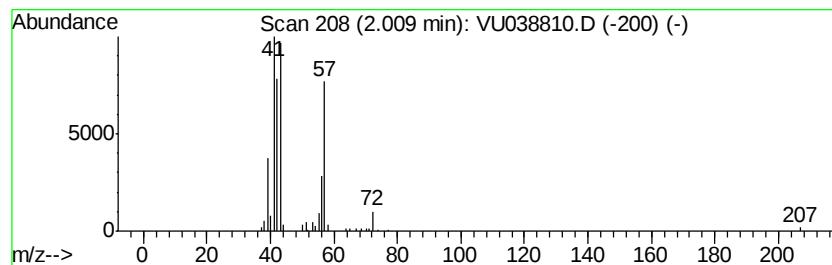
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	2.63 ug/L	69946	1,4-Difluorobenzene	6.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2		Butane, 2-methyl-	72	C5H12	000078-78-4	72
3		3-Buten-1-ol	72	C4H8O	000627-27-0	43
4		2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	33
5		Pentane	72	C5H12	000109-66-0	28



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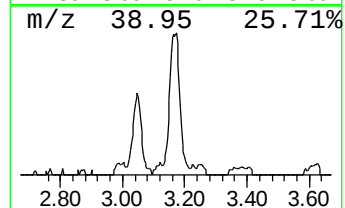
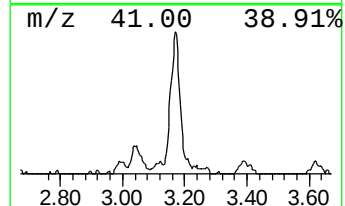
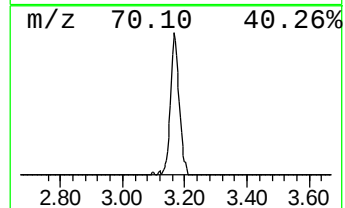
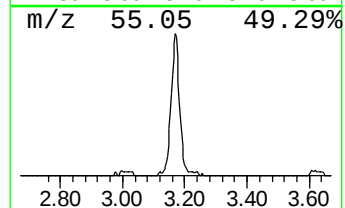
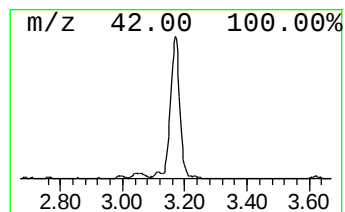
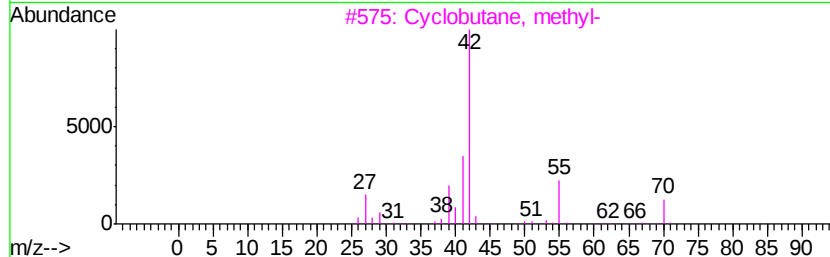
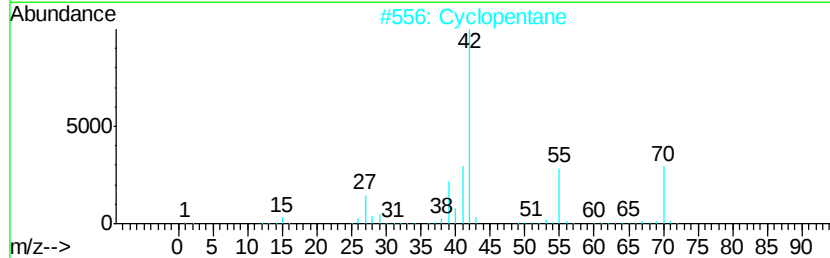
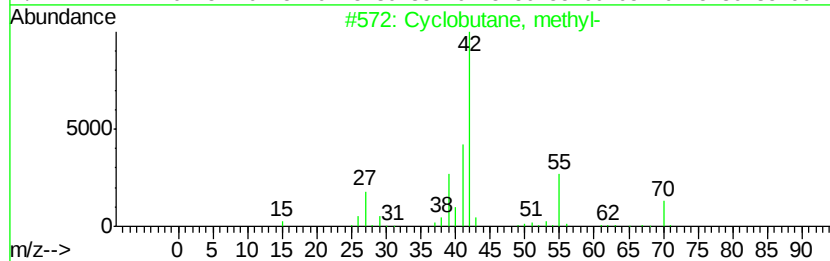
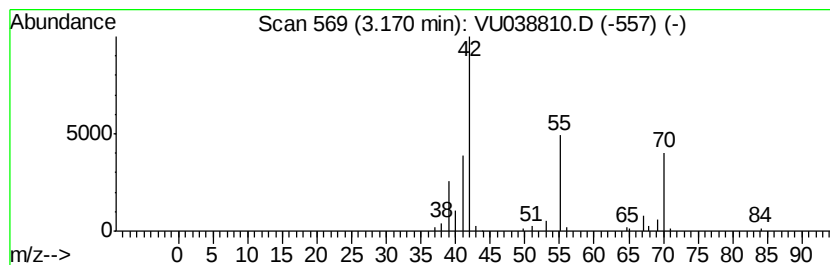
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	2.90 ug/L	77189	1,4-Difluorobenzene	6.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclobutane, methyl-	70	C5H10	000598-61-8	86
2			Cyclopentane	70	C5H10	000287-92-3	78
3			Cyclobutane, methyl-	70	C5H10	000598-61-8	78
4			1-Pentene	70	C5H10	000109-67-1	64
5			Cyclopropane, ethyl-	70	C5H10	001191-96-4	64



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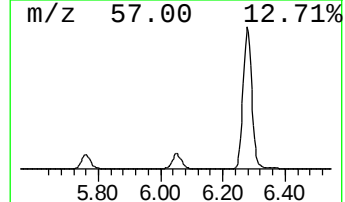
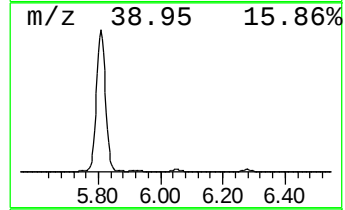
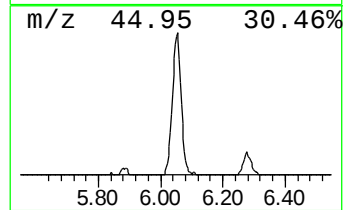
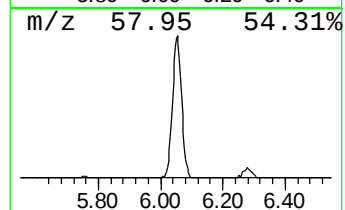
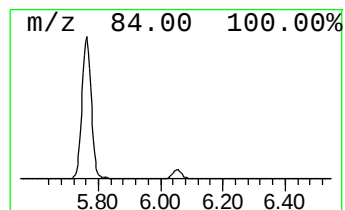
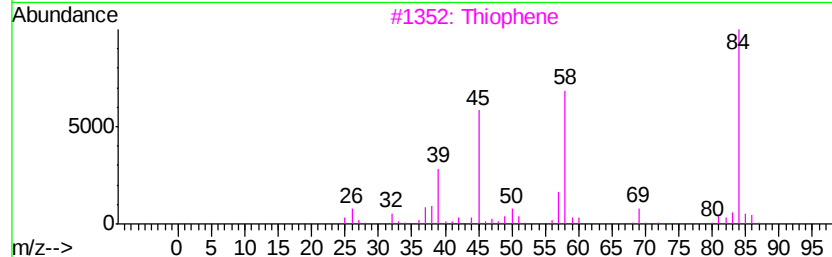
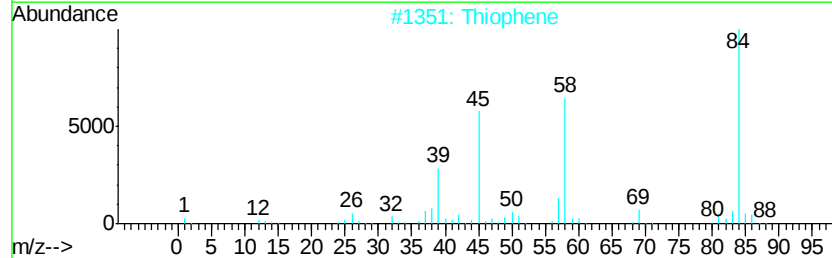
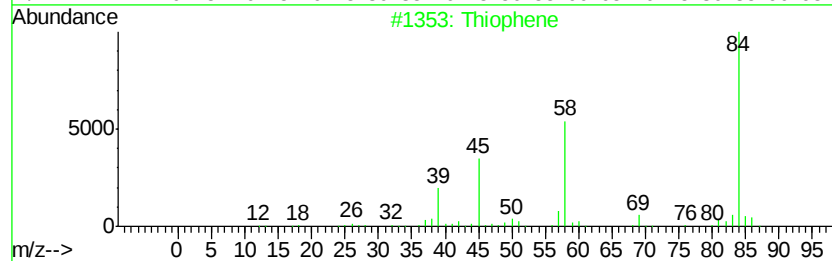
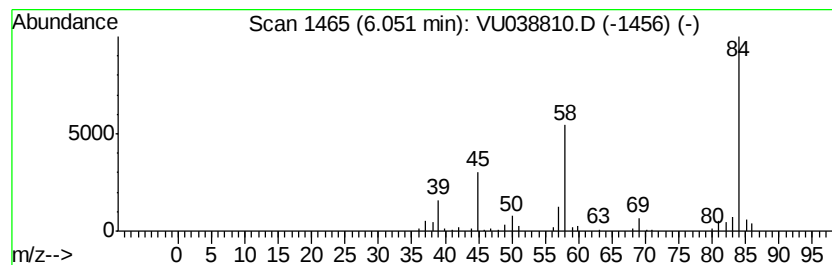
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Peak Number 3 Thiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	5.05 ug/L	134170	1,4-Difluorobenzene	6.28

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene		84	C4H4S	000110-02-1	95
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	37



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061120\
Data File : VU038810.D
Acq On : 11 Jun 2020 05:13
Operator : SY/MD
Sample : L2915-17 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9E50

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	2.6	ug/L	69946	1	6.28	1328610	50.0
(DEL) Alkane: Cyc...	3.17	2.9	ug/L	77189	1	6.28	1328610	50.0
Thiophene	6.05	5.0	ug/L	134170	1	6.28	1328610	50.0