

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU032995.D
 Acq On : 24 Jun 2019 10:32
 Operator : JC/SP
 Sample : K3478-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF21

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\SOMULM061719WMA.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	1.180	22	28	42	rBV2	26134	27565	4.07%	0.446%
2	1.296	54	64	71	rBV2	37103	77112	11.39%	1.247%
3	1.396	90	95	103	rVB2	86612	92692	13.70%	1.500%
4	1.675	176	182	194	rVB	62967	77008	11.38%	1.246%
5	2.267	356	366	377	rVB	122380	184921	27.32%	2.992%
6	2.370	393	398	405	rVB4	1723	1871	0.28%	0.030%
7	2.437	415	419	423	rBV3	690	753	0.11%	0.012%
8	2.543	449	452	460	rBV3	420	638	0.09%	0.010%
9	2.778	521	525	526	rBV3	592	461	0.07%	0.007%
10	2.820	536	538	541	rBV3	557	329	0.05%	0.005%
11	2.978	577	587	601	rVB4	5372	10100	1.49%	0.163%
12	3.097	620	624	628	rVV3	299	328	0.05%	0.005%
13	3.116	628	630	636	rVV3	409	366	0.05%	0.006%
14	3.174	645	648	650	rVV2	345	205	0.03%	0.003%
15	3.196	652	655	658	rBV2	230	193	0.03%	0.003%
16	3.842	854	856	860	rVB2	342	203	0.03%	0.003%
17	3.865	860	863	866	rBV2	310	279	0.04%	0.005%
18	3.904	873	875	881	rVB2	257	217	0.03%	0.004%
19	4.061	921	924	930	rVB2	396	349	0.05%	0.006%
20	4.090	930	933	935	rBV	356	235	0.03%	0.004%
21	4.170	946	958	964	rBV	73905	163253	24.12%	2.641%
22	4.453	1041	1046	1050	rBV3	285	303	0.04%	0.005%
23	4.640	1088	1104	1128	rBV	119041	280405	41.43%	4.536%
24	4.871	1173	1176	1178	rBV2	444	347	0.05%	0.006%
25	5.042	1226	1229	1237	rBV2	322	349	0.05%	0.006%
26	5.209	1278	1281	1285	rBV3	382	327	0.05%	0.005%
27	5.235	1285	1289	1290	rBV	287	196	0.03%	0.003%
28	5.331	1296	1319	1346	rBV2	224502	676774	100.00%	10.949%
29	5.633	1409	1413	1415	rBV3	345	279	0.04%	0.005%
30	5.878	1476	1489	1514	rBV	246742	488471	72.18%	7.902%
31	6.003	1526	1528	1532	rBV3	413	239	0.04%	0.004%
32	6.180	1570	1583	1606	rBV	172663	334157	49.37%	5.406%
33	6.325	1614	1628	1649	rBV	157793	317594	46.93%	5.138%
34	6.463	1669	1671	1675	rVB2	482	272	0.04%	0.004%

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 Title : VOC Analysis

35	6.482	1675	1677	1680	rVB	457	245	0.04%	0.004%
36	6.505	1680	1684	1686	rBV2	295	262	0.04%	0.004%
37	6.585	1706	1709	1712	rVB2	283	212	0.03%	0.003%
38	6.704	1743	1746	1749	rBV2	420	347	0.05%	0.006%
39	6.720	1749	1751	1760	rVB2	295	301	0.04%	0.005%
40	6.852	1789	1792	1794	rBV	499	321	0.05%	0.005%
41	6.993	1832	1836	1838	rBV3	358	241	0.04%	0.004%
42	7.112	1868	1873	1874	rBV	284	197	0.03%	0.003%
43	7.157	1884	1887	1894	rVB2	313	345	0.05%	0.006%
44	7.222	1894	1907	1933	rBV2	88676	162957	24.08%	2.636%
45	7.466	1973	1983	1989	rBV6	2617	4193	0.62%	0.068%
46	7.559	1998	2012	2029	rBV2	287847	500865	74.01%	8.103%
47	7.788	2080	2083	2085	rBV3	329	203	0.03%	0.003%
48	7.846	2089	2101	2116	rBV	62939	109851	16.23%	1.777%
49	8.006	2149	2151	2156	rVB4	405	336	0.05%	0.005%
50	8.109	2181	2183	2186	rBV2	306	261	0.04%	0.004%
51	8.177	2193	2204	2213	rBV4	2417	4124	0.61%	0.067%
52	8.305	2233	2244	2277	rBV	214834	389930	57.62%	6.308%
53	8.476	2295	2297	2303	rVB3	724	542	0.08%	0.009%
54	8.534	2311	2315	2318	rBV2	279	254	0.04%	0.004%
55	8.591	2329	2333	2335	rBV	321	256	0.04%	0.004%
56	8.698	2363	2366	2369	rVB3	465	283	0.04%	0.005%
57	8.772	2384	2389	2392	rBV	442	440	0.07%	0.007%
58	8.810	2398	2401	2406	rVB	257	190	0.03%	0.003%
59	8.881	2419	2423	2427	rBV2	406	306	0.05%	0.005%
60	8.929	2435	2438	2441	rVB3	406	299	0.04%	0.005%
61	8.961	2445	2448	2450	rBV2	408	249	0.04%	0.004%
62	9.026	2462	2468	2470	rBV4	322	343	0.05%	0.006%
63	9.083	2474	2486	2514	rBV	370039	623487	92.13%	10.087%
64	9.244	2533	2536	2546	rVB2	1629	2129	0.31%	0.034%
65	9.370	2565	2575	2587	rBV2	16994	28041	4.14%	0.454%
66	9.434	2593	2595	2600	rVB2	442	318	0.05%	0.005%
67	9.501	2613	2616	2623	rBV4	290	357	0.05%	0.006%
68	9.556	2630	2633	2638	rVB2	220	206	0.03%	0.003%
69	9.733	2684	2688	2691	rBV2	363	248	0.04%	0.004%
70	9.775	2691	2701	2715	rVV2	8067	12972	1.92%	0.210%
71	9.852	2722	2725	2729	rVB2	324	232	0.03%	0.004%

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72	9.929	2743	2749	2753	rBV3	418	468	0.07%	0.008%
73	9.968	2757	2761	2765	rBV3	363	374	0.06%	0.006%
74	10.035	2780	2782	2784	rBV3	317	213	0.03%	0.003%
75	10.119	2803	2808	2810	rBV2	314	290	0.04%	0.005%
76	10.161	2817	2821	2823	rBV2	351	311	0.05%	0.005%
77	10.341	2873	2877	2883	rBV4	323	300	0.04%	0.005%
78	10.424	2891	2903	2922	rBV	249716	404414	59.76%	6.542%
79	10.569	2945	2948	2950	rBV2	360	236	0.03%	0.004%
80	10.604	2952	2959	2968	rVB6	2885	4533	0.67%	0.073%
81	10.662	2975	2977	2980	rBV2	398	196	0.03%	0.003%
82	10.723	2993	2996	3001	rVB4	543	417	0.06%	0.007%
83	10.871	3038	3042	3044	rBV	311	267	0.04%	0.004%
84	10.890	3045	3048	3053	rVV3	354	360	0.05%	0.006%
85	10.919	3054	3057	3062	rVV	329	309	0.05%	0.005%
86	10.968	3069	3072	3075	rBV3	408	205	0.03%	0.003%
87	11.148	3122	3128	3136	rVB4	1333	1790	0.26%	0.029%
88	11.202	3143	3145	3147	rBV3	269	193	0.03%	0.003%
89	11.318	3173	3181	3187	rBV6	1965	2810	0.42%	0.045%
90	11.350	3189	3191	3196	rBV2	288	252	0.04%	0.004%
91	11.479	3219	3231	3250	rBV	378712	602719	89.06%	9.751%
92	11.762	3311	3319	3328	rVB7	1559	2680	0.40%	0.043%
93	11.804	3328	3332	3335	rBV4	549	473	0.07%	0.008%
94	11.855	3335	3348	3373	rBV	312392	529960	78.31%	8.573%
95	12.231	3463	3465	3469	rBV2	349	251	0.04%	0.004%
96	12.347	3492	3501	3503	rBV3	732	977	0.14%	0.016%
97	12.614	3575	3584	3593	rBV5	2261	4399	0.65%	0.071%
98	13.125	3736	3743	3757	rVB6	1537	2866	0.42%	0.046%
99	13.681	3913	3916	3921	rBV4	443	402	0.06%	0.007%
100	13.749	3927	3937	3961	rBV	10371	33586	4.96%	0.543%

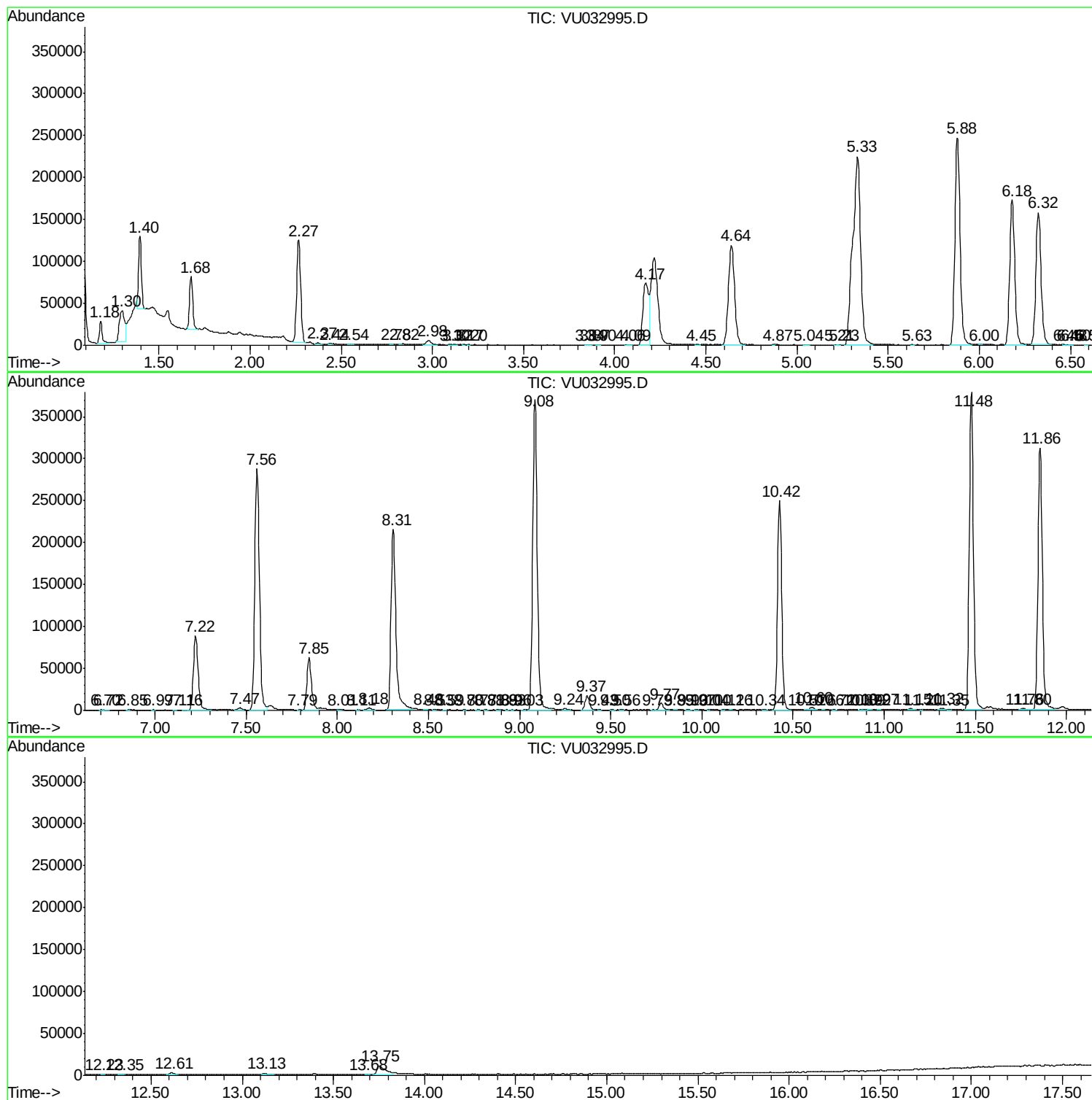
Sum of corrected areas: 6181385

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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

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



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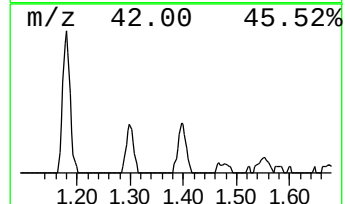
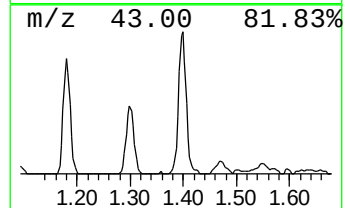
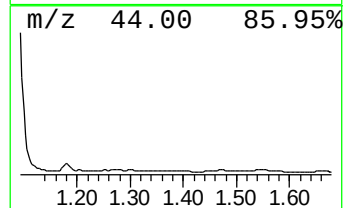
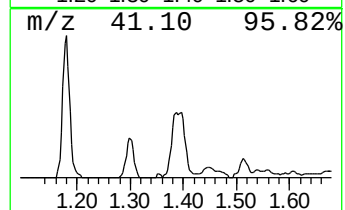
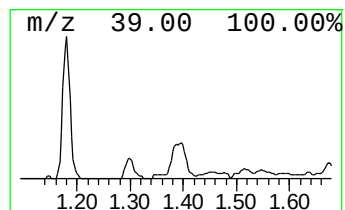
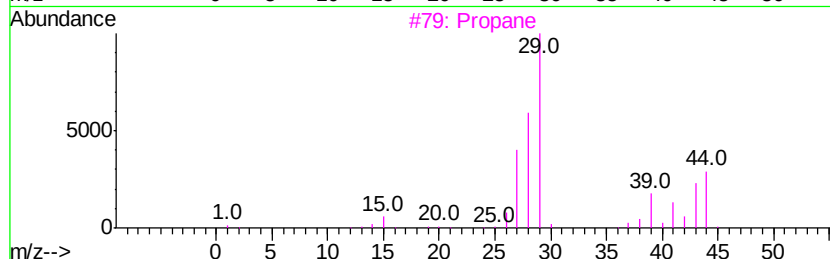
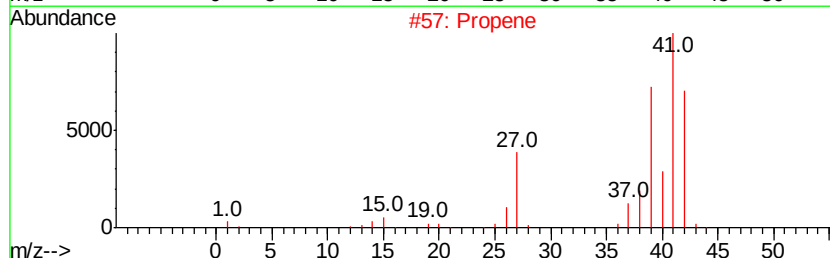
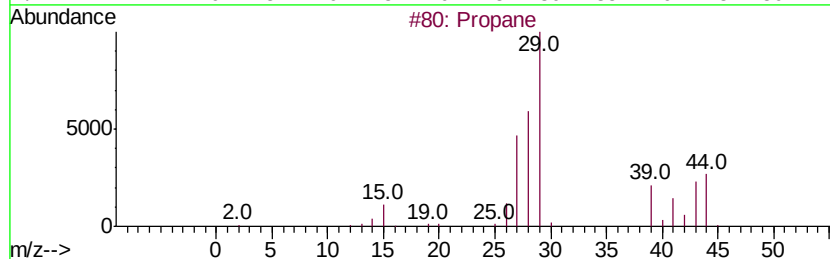
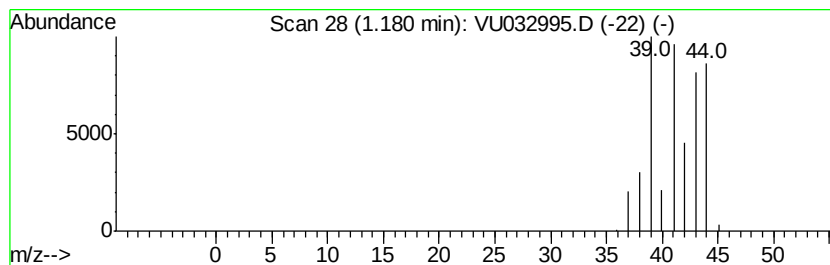
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

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.
1.18	2.82 ug/L	27565	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane	44	C3H8	000074-98-6	4
2		Propene	42	C3H6	000115-07-1	4
3		Propane	44	C3H8	000074-98-6	4
4		Propane	44	C3H8	000074-98-6	4
5		Cyclopropene	40	C3H4	002781-85-3	2



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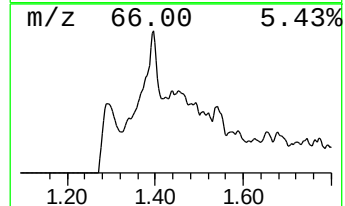
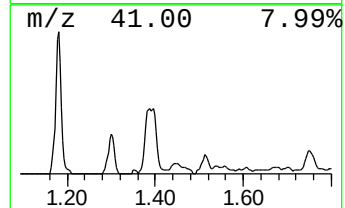
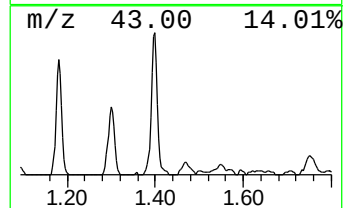
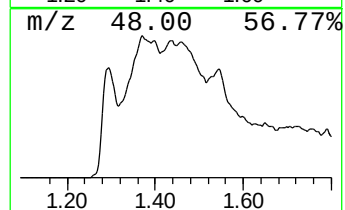
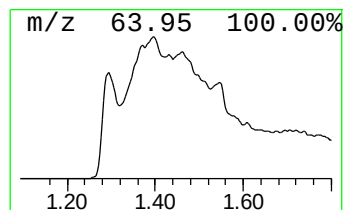
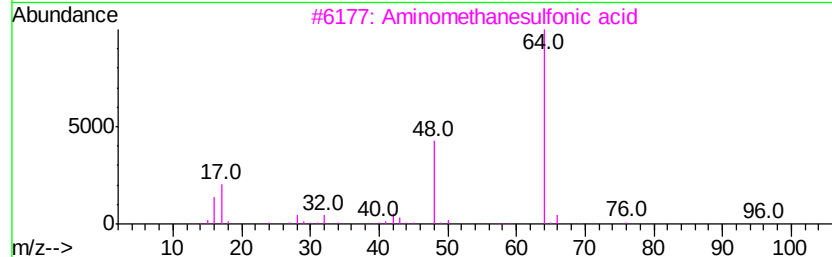
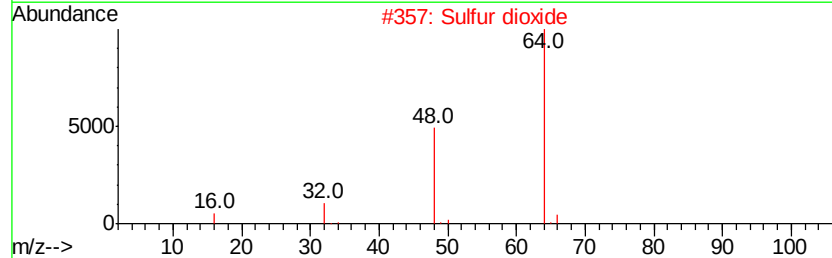
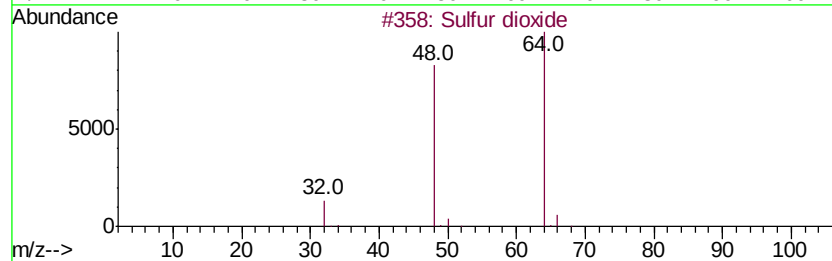
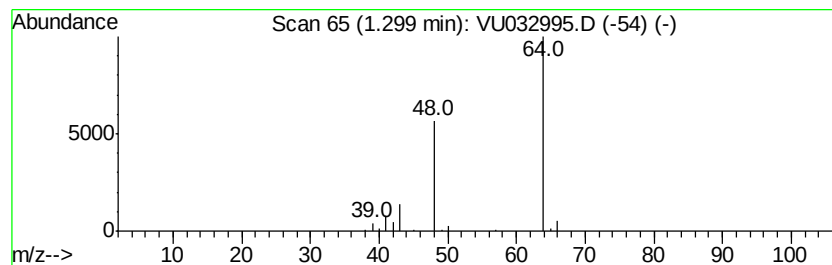
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.30	7.89 ug/L	77112	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur dioxide	64	O2S	007446-09-5	83
2		Sulfur dioxide	64	O2S	007446-09-5	83
3		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4		L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	64
5		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64



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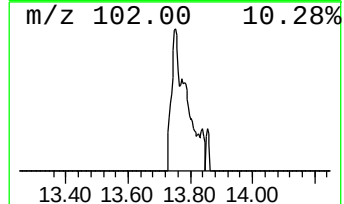
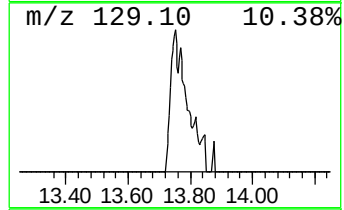
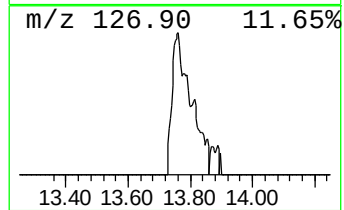
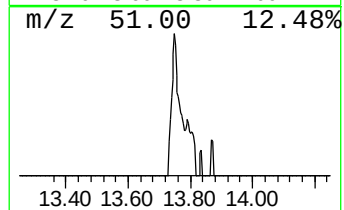
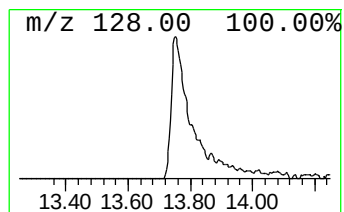
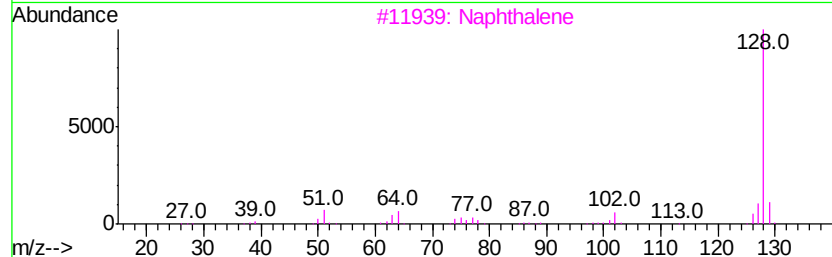
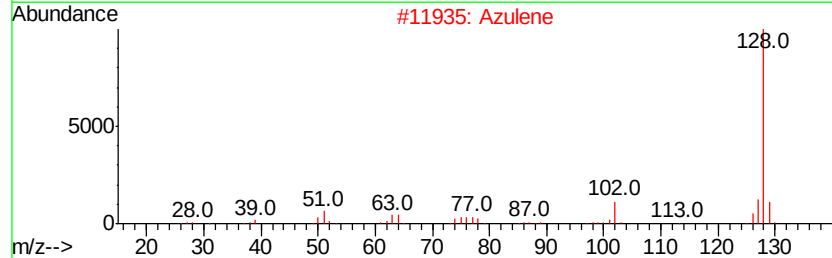
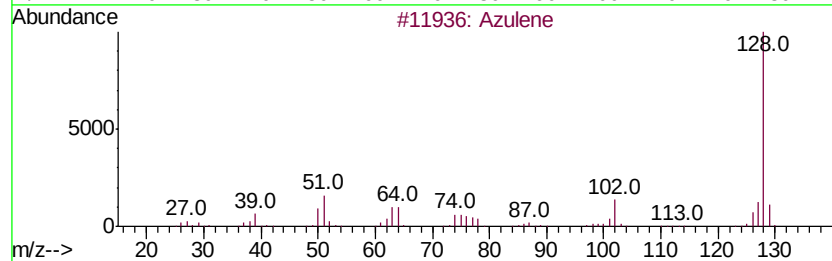
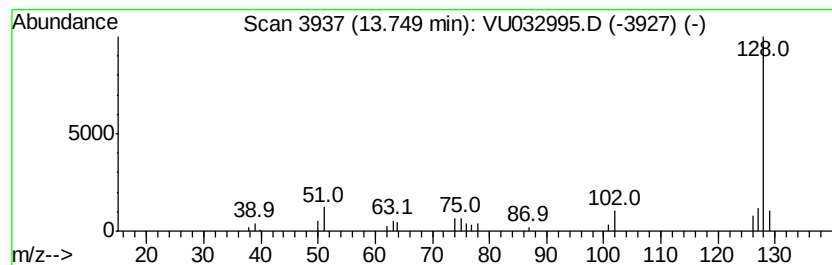
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Azulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	2.79 ug/L	33586	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Azulene	128 C10H8	000275-51-4	91
2	Azulene	128 C10H8	000275-51-4	91
3	Naphthalene	128 C10H8	000091-20-3	91
4	Naphthalene	128 C10H8	000091-20-3	91
5	1H-Indene, 1-methylene-	128 C10H8	002471-84-3	91



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ETF21

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.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...	1.18	2.8	ug/L	27565	1	5.88	488471	50.0
Sulfur dioxide	1.30	7.9	ug/L	77112	1	5.88	488471	50.0
Azulene	13.75	2.8	ug/L	33586	3	11.48	602719	50.0