

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
 Data File : VU032970.D
 Acq On : 22 Jun 2019 01:13
 Operator : JC/SP
 Sample : K3464-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF38

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	1.293	56	63	71	rBV	15322	29262	4.05%	0.502%
2	1.396	89	95	114	rBV	86128	92341	12.78%	1.585%
3	1.675	175	182	197	rVB	70431	87704	12.14%	1.505%
4	2.264	355	365	378	rVB	143621	220249	30.48%	3.780%
5	2.695	493	499	501	rBV3	315	255	0.04%	0.004%
6	2.740	509	513	514	rBV2	466	302	0.04%	0.005%
7	2.833	534	542	546	rBV4	1012	1591	0.22%	0.027%
8	2.923	568	570	574	rVB2	422	248	0.03%	0.004%
9	2.952	574	579	581	rBV2	455	361	0.05%	0.006%
10	2.968	581	584	586	rBV3	1088	809	0.11%	0.014%
11	3.032	601	604	610	rBV2	326	315	0.04%	0.005%
12	3.064	610	614	617	rBV2	413	300	0.04%	0.005%
13	3.158	640	643	646	rBV2	393	254	0.04%	0.004%
14	3.219	658	662	666	rVV2	360	387	0.05%	0.007%
15	3.241	666	669	672	rVV2	310	258	0.04%	0.004%
16	3.261	673	675	678	rVV3	427	245	0.03%	0.004%
17	3.389	711	715	718	rBV3	291	269	0.04%	0.005%
18	3.428	723	727	732	rVB2	625	564	0.08%	0.010%
19	3.791	837	840	844	rBV2	362	229	0.03%	0.004%
20	3.865	854	863	865	rBV3	346	458	0.06%	0.008%
21	3.987	898	901	905	rVB3	344	283	0.04%	0.005%
22	4.087	930	932	937	rVB2	356	241	0.03%	0.004%
23	4.170	944	958	1002	rBV	72546	202840	28.07%	3.481%
24	4.463	1044	1049	1052	rBV2	419	521	0.07%	0.009%
25	4.640	1086	1104	1131	rBV	127351	295979	40.96%	5.079%
26	4.746	1135	1137	1142	rVB	524	346	0.05%	0.006%
27	4.785	1145	1149	1152	rBV	368	293	0.04%	0.005%
28	4.814	1156	1158	1163	rBV	383	275	0.04%	0.005%
29	4.868	1171	1175	1176	rBV2	369	257	0.04%	0.004%
30	5.035	1221	1227	1229	rBV2	351	308	0.04%	0.005%
31	5.231	1285	1288	1290	rBV2	336	239	0.03%	0.004%
32	5.331	1296	1319	1345	rVV2	239130	722575	100.00%	12.400%
33	5.424	1346	1348	1355	rVV4	1037	1125	0.16%	0.019%
34	5.463	1358	1360	1363	rVB2	527	312	0.04%	0.005%

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 Title : VOC Analysis

35	5.514	1373	1376	1381	rVB3	337	287	0.04%	0.005%
36	5.646	1413	1417	1420	rBV2	328	276	0.04%	0.005%
37	5.736	1436	1445	1446	rBV3	396	456	0.06%	0.008%
38	5.749	1446	1449	1453	rVB2	351	326	0.05%	0.006%
39	5.775	1453	1457	1462	rVB3	402	297	0.04%	0.005%
40	5.801	1462	1465	1471	rVB2	434	449	0.06%	0.008%
41	5.881	1471	1490	1511	rBV	237019	470207	65.07%	8.069%
42	6.026	1533	1535	1538	rVB2	525	233	0.03%	0.004%
43	6.071	1545	1549	1553	rVB2	309	265	0.04%	0.005%
44	6.122	1563	1565	1570	rVB2	478	410	0.06%	0.007%
45	6.325	1613	1628	1648	rBV	167469	336179	46.53%	5.769%
46	6.858	1787	1794	1799	rVB3	647	794	0.11%	0.014%
47	6.881	1799	1801	1804	rBV2	383	274	0.04%	0.005%
48	6.955	1819	1824	1830	rVB2	377	436	0.06%	0.007%
49	7.116	1868	1874	1876	rBV	590	432	0.06%	0.007%
50	7.177	1889	1893	1895	rBV2	328	265	0.04%	0.005%
51	7.222	1895	1907	1925	rVV	88806	161140	22.30%	2.765%
52	7.392	1953	1960	1963	rBV3	547	596	0.08%	0.010%
53	7.495	1990	1992	1998	rBV	280	245	0.03%	0.004%
54	7.559	1998	2012	2033	rBV	314400	548271	75.88%	9.409%
55	7.846	2089	2101	2122	rBV2	63148	111389	15.42%	1.912%
56	7.955	2132	2135	2138	rVB3	409	250	0.03%	0.004%
57	8.042	2158	2162	2165	rBV2	369	275	0.04%	0.005%
58	8.151	2192	2196	2198	rBV	320	259	0.04%	0.004%
59	8.170	2198	2202	2203	rBV2	406	304	0.04%	0.005%
60	8.305	2233	2244	2276	rBV	222495	398363	55.13%	6.836%
61	8.469	2293	2295	2299	rVB4	690	305	0.04%	0.005%
62	8.646	2346	2350	2352	rBV2	322	296	0.04%	0.005%
63	8.891	2421	2426	2427	rBV	437	282	0.04%	0.005%
64	9.009	2461	2463	2468	rBV4	277	260	0.04%	0.004%
65	9.083	2473	2486	2524	rBV	363684	608014	84.15%	10.434%
66	9.312	2555	2557	2563	rBV3	264	255	0.04%	0.004%
67	9.370	2570	2575	2578	rBV3	650	474	0.07%	0.008%
68	9.501	2612	2616	2618	rBV2	410	266	0.04%	0.005%
69	9.540	2625	2628	2631	rVB	304	227	0.03%	0.004%
70	9.572	2635	2638	2641	rBV	286	262	0.04%	0.004%
71	9.643	2657	2660	2663	rBV3	439	371	0.05%	0.006%

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72	9.775	2699	2701	2706	rVB2	417	301	0.04%	0.005%
73	9.823	2710	2716	2720	rBV4	409	491	0.07%	0.008%
74	9.871	2728	2731	2735	rBV	276	226	0.03%	0.004%
75	9.980	2758	2765	2768	rBV2	433	570	0.08%	0.010%
76	10.045	2781	2785	2788	rBV2	470	340	0.05%	0.006%
77	10.093	2795	2800	2801	rBV3	299	253	0.04%	0.004%
78	10.199	2830	2833	2836	rBV2	291	239	0.03%	0.004%
79	10.328	2869	2873	2876	rBV2	281	249	0.03%	0.004%
80	10.344	2876	2878	2884	rVB2	330	229	0.03%	0.004%
81	10.379	2885	2889	2891	rBV3	357	247	0.03%	0.004%
82	10.424	2891	2903	2924	rBV	247597	405353	56.10%	6.956%
83	10.726	2992	2997	3001	rBV2	522	469	0.06%	0.008%
84	11.061	3098	3101	3105	rBV2	392	298	0.04%	0.005%
85	11.106	3112	3115	3119	rBV2	327	312	0.04%	0.005%
86	11.135	3121	3124	3126	rVV2	338	274	0.04%	0.005%
87	11.148	3126	3128	3135	rVB2	446	433	0.06%	0.007%
88	11.479	3219	3231	3253	rBV	357959	568023	78.61%	9.748%
89	11.855	3335	3348	3370	rBV	327946	539080	74.61%	9.251%
90	12.469	3536	3539	3542	rBV2	380	311	0.04%	0.005%
91	12.537	3557	3560	3562	rBV3	332	236	0.03%	0.004%
92	12.591	3574	3577	3580	rBV2	477	363	0.05%	0.006%
93	12.742	3620	3624	3627	rBV2	364	279	0.04%	0.005%
94	12.900	3671	3673	3678	rVB2	443	303	0.04%	0.005%
95	13.180	3757	3760	3764	rBV4	346	278	0.04%	0.005%
96	13.273	3785	3789	3791	rBV3	357	327	0.05%	0.006%
97	13.347	3809	3812	3814	rBV2	446	278	0.04%	0.005%
98	14.488	4165	4167	4171	rBV2	430	401	0.06%	0.007%
99	14.865	4280	4284	4288	rBV4	838	998	0.14%	0.017%
100	15.508	4483	4484	4486	rVB	1113	234	0.03%	0.004%

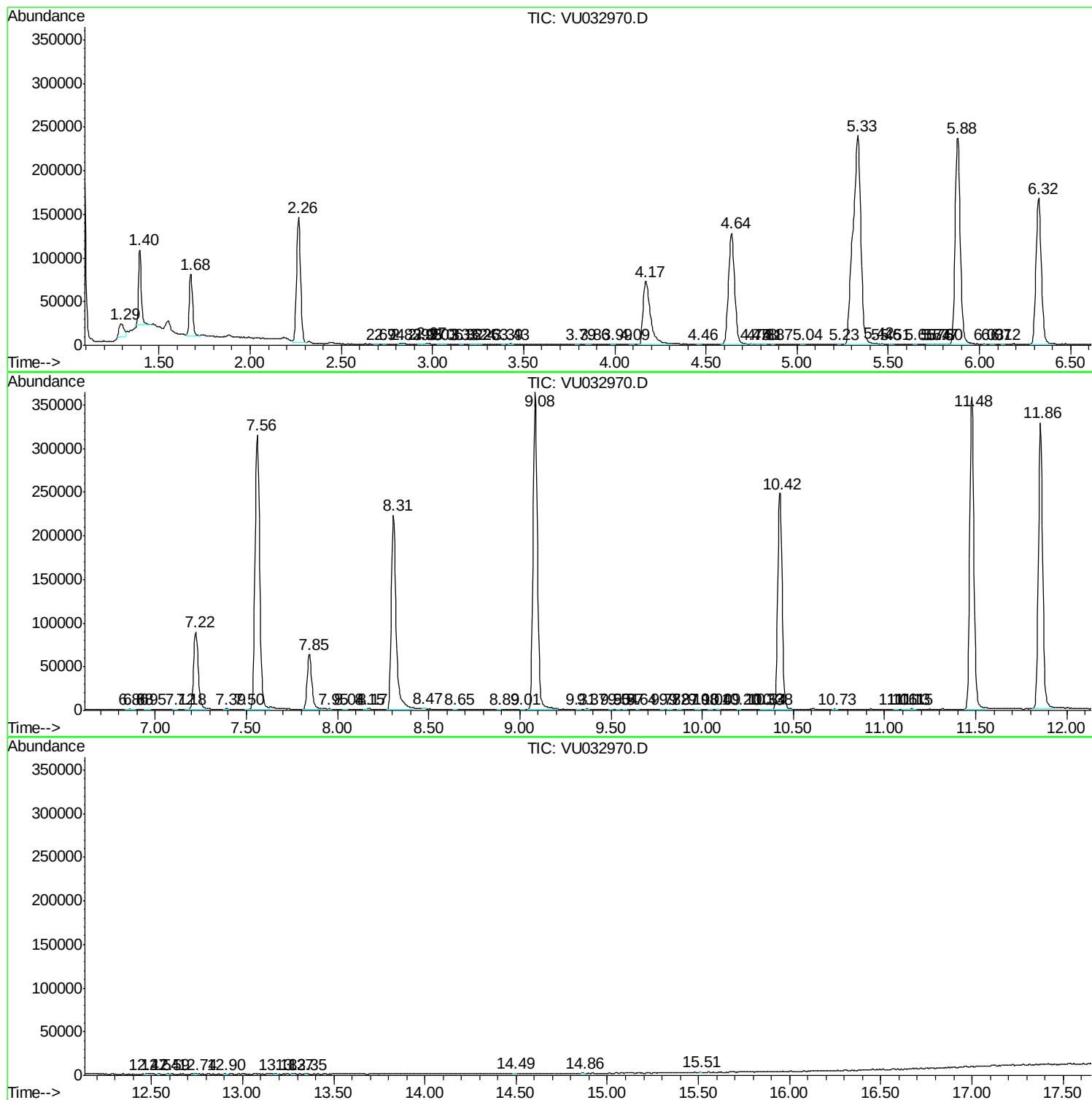
Sum of corrected areas: 5827080

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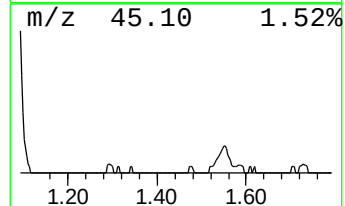
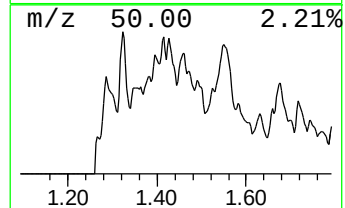
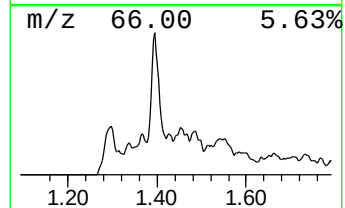
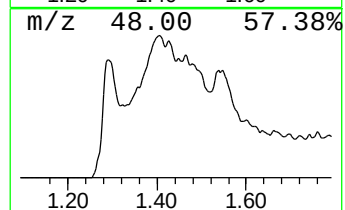
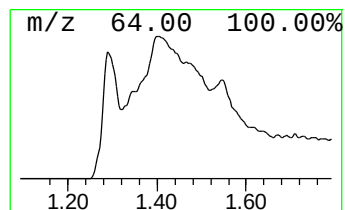
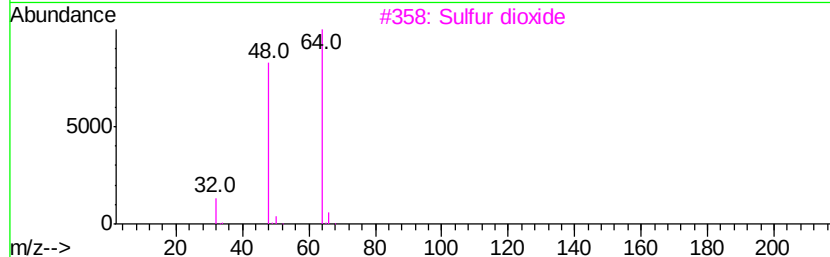
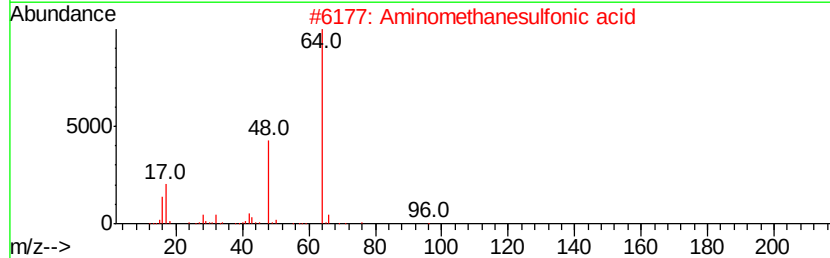
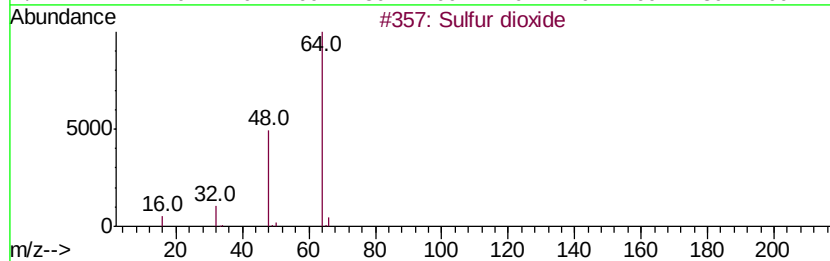
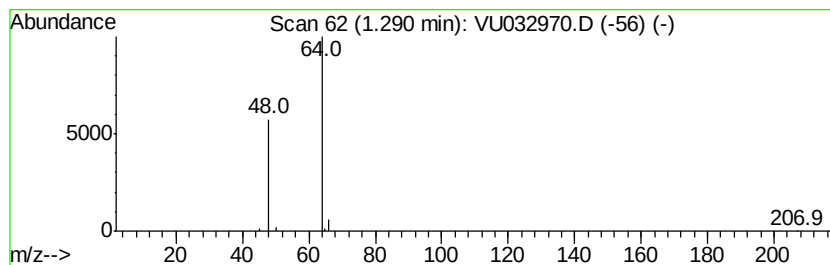
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.29	3.11 ug/L	29262	1,4-Difluorobenzene	5.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Sulfur dioxide	64 02S	007446-09-5	90
2	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	74
3	Sulfur dioxide	64 02S	007446-09-5	74
4	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	64
5	L-Alanine, 3-sulfo-	169 C3H7N05S	000498-40-8	9



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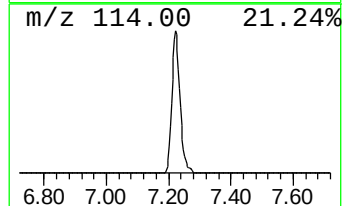
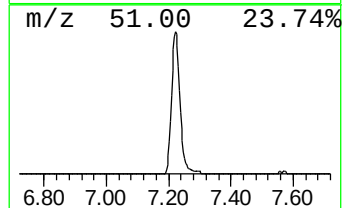
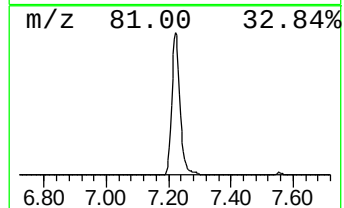
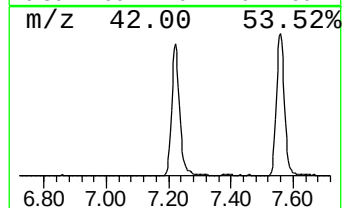
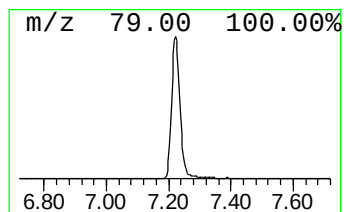
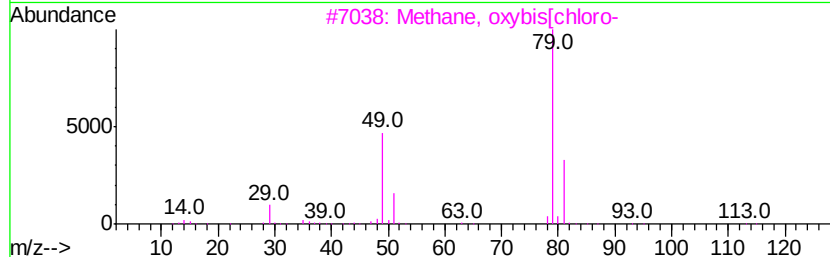
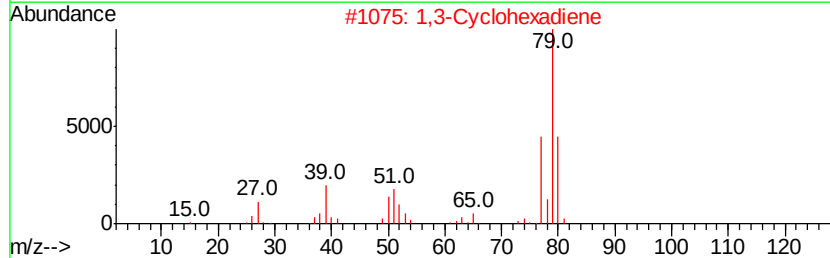
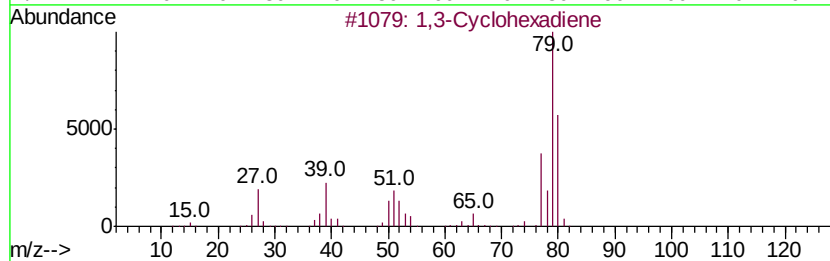
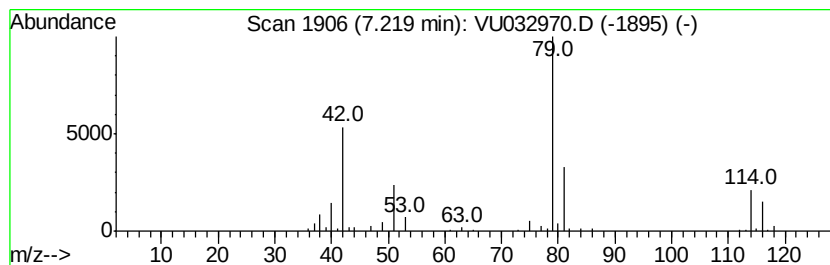
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	17.14 ug/L	161140	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclohexadiene	80	C6H8	000592-57-4	25
2		1,3-Cyclohexadiene	80	C6H8	000592-57-4	25
3		Methane, oxvbis[chloro-	114	C2H4Cl2O	000542-88-1	23
4		2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	17
5		2,3-Butanedione, dioxime	116	C4H8N2O2	000095-45-4	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.29	3.1	ug/L	29262	1	5.88	470207	50.0
unknown-01	7.22	17.1	ug/L	161140	1	5.88	470207	50.0