

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU032996.D
 Acq On : 24 Jun 2019 10:55
 Operator : JC/SP
 Sample : K3478-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF23

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	54	63	71	rBV	25970	54851	2.64%	0.673%
2	1.399	90	96	115	rVB2	147906	172854	8.33%	2.122%
3	1.675	175	182	195	rVB	63801	77119	3.72%	0.947%
4	2.267	356	366	379	rVB	123655	190101	9.16%	2.333%
5	2.440	408	420	439	rBV	32078	59148	2.85%	0.726%
6	2.598	467	469	473	rVB2	600	338	0.02%	0.004%
7	2.669	486	491	496	rVB3	399	360	0.02%	0.004%
8	2.826	532	540	541	rBV2	1408	1451	0.07%	0.018%
9	2.910	561	566	568	rBV3	246	239	0.01%	0.003%
10	2.981	576	588	604	rBV2	5952	10829	0.52%	0.133%
11	3.180	637	650	669	rBV2	7580	17523	0.84%	0.215%
12	3.254	671	673	677	rVB2	341	221	0.01%	0.003%
13	3.276	677	680	684	rBV3	309	280	0.01%	0.003%
14	3.399	716	718	722	rVB2	308	235	0.01%	0.003%
15	3.437	722	730	732	rBV3	1083	1323	0.06%	0.016%
16	3.469	738	740	743	rVB2	464	233	0.01%	0.003%
17	3.794	836	841	844	rBV	278	258	0.01%	0.003%
18	3.823	848	850	853	rVV	276	221	0.01%	0.003%
19	4.077	926	929	934	rVB2	352	322	0.02%	0.004%
20	4.215	946	972	1006	rBV2	774522	2074289	100.00%	25.462%
21	4.537	1069	1072	1074	rBV3	413	226	0.01%	0.003%
22	4.640	1088	1104	1127	rVV	120133	281155	13.55%	3.451%
23	4.768	1141	1144	1151	rVB4	360	444	0.02%	0.005%
24	4.874	1170	1177	1179	rBV4	720	888	0.04%	0.011%
25	4.964	1203	1205	1211	rVB3	375	379	0.02%	0.005%
26	4.990	1211	1213	1219	rVB2	341	191	0.01%	0.002%
27	5.206	1276	1280	1284	rVB3	255	258	0.01%	0.003%
28	5.241	1290	1291	1297	rBV3	244	212	0.01%	0.003%
29	5.334	1297	1320	1342	rBV2	223085	679554	32.76%	8.341%
30	5.575	1393	1395	1400	rVB2	580	452	0.02%	0.006%
31	5.601	1400	1403	1405	rBV	323	291	0.01%	0.004%
32	5.665	1421	1423	1428	rVB3	326	237	0.01%	0.003%
33	5.791	1452	1462	1467	rBV4	1537	3008	0.15%	0.037%
34	5.881	1475	1490	1511	rBV	255803	501294	24.17%	6.153%

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 Title : VOC Analysis

35	6.009	1528	1530	1533	rVB3	424	200	0.01%	0.002%
36	6.077	1547	1551	1554	rBV3	378	296	0.01%	0.004%
37	6.109	1558	1561	1565	rVB2	280	248	0.01%	0.003%
38	6.180	1570	1583	1604	rBV2	124038	241534	11.64%	2.965%
39	6.325	1614	1628	1652	rBV2	161987	321941	15.52%	3.952%
40	6.450	1664	1667	1674	rVB4	544	767	0.04%	0.009%
41	6.495	1678	1681	1687	rVB3	421	366	0.02%	0.004%
42	6.524	1687	1690	1694	rBV	309	212	0.01%	0.003%
43	6.546	1694	1697	1701	rVB2	230	219	0.01%	0.003%
44	6.575	1701	1706	1708	rBV	248	232	0.01%	0.003%
45	6.685	1736	1740	1745	rVB2	209	216	0.01%	0.003%
46	6.720	1745	1751	1752	rBV2	211	188	0.01%	0.002%
47	6.820	1774	1782	1783	rBV2	2354	2594	0.13%	0.032%
48	6.993	1832	1836	1838	rBV	404	258	0.01%	0.003%
49	7.222	1892	1907	1928	rBV	92155	166947	8.05%	2.049%
50	7.386	1947	1958	1971	rVB3	11323	20833	1.00%	0.256%
51	7.559	1999	2012	2034	rBV	290130	502061	24.20%	6.163%
52	7.845	2086	2101	2123	rBV	66035	115662	5.58%	1.420%
53	7.945	2130	2132	2136	rVB4	598	375	0.02%	0.005%
54	7.980	2141	2143	2146	rVB2	374	231	0.01%	0.003%
55	8.093	2173	2178	2185	rVB2	315	423	0.02%	0.005%
56	8.173	2191	2203	2212	rBV5	2460	4587	0.22%	0.056%
57	8.267	2225	2232	2233	rBV2	219	216	0.01%	0.003%
58	8.305	2233	2244	2285	rVV	223881	414221	19.97%	5.085%
59	8.550	2318	2320	2324	rVB	379	239	0.01%	0.003%
60	8.578	2326	2329	2330	rBV	504	212	0.01%	0.003%
61	8.652	2347	2352	2358	rBV2	242	265	0.01%	0.003%
62	8.697	2364	2366	2370	rVB2	318	233	0.01%	0.003%
63	8.887	2422	2425	2432	rBV2	336	489	0.02%	0.006%
64	8.939	2437	2441	2445	rVB	311	233	0.01%	0.003%
65	8.961	2445	2448	2452	rBV	191	188	0.01%	0.002%
66	9.006	2456	2462	2467	rBV2	233	363	0.02%	0.004%
67	9.083	2473	2486	2530	rBV	384130	641908	30.95%	7.879%
68	9.360	2563	2572	2582	rVV4	8256	13208	0.64%	0.162%
69	9.398	2582	2584	2588	rVV2	281	215	0.01%	0.003%
70	9.437	2592	2596	2597	rBV2	248	205	0.01%	0.003%
71	9.463	2601	2604	2611	rBV3	310	302	0.01%	0.004%

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 Title : VOC Analysis

72	9.524	2621	2623	2627	rVB2	393	211	0.01%	0.003%
73	9.611	2648	2650	2655	rVB3	277	230	0.01%	0.003%
74	9.691	2670	2675	2678	rVB3	399	302	0.01%	0.004%
75	9.710	2679	2681	2686	rVB2	335	211	0.01%	0.003%
76	9.746	2686	2692	2697	rBV3	342	490	0.02%	0.006%
77	9.771	2698	2700	2703	rVB2	376	183	0.01%	0.002%
78	9.797	2704	2708	2711	rBV3	244	252	0.01%	0.003%
79	9.906	2739	2742	2746	rVB2	392	192	0.01%	0.002%
80	10.148	2814	2817	2819	rBV	386	247	0.01%	0.003%
81	10.193	2827	2831	2834	rVB2	314	277	0.01%	0.003%
82	10.241	2843	2846	2849	rVB3	322	186	0.01%	0.002%
83	10.424	2892	2903	2928	rVV	254742	414108	19.96%	5.083%
84	10.514	2928	2931	2934	rBV2	289	212	0.01%	0.003%
85	10.604	2951	2959	2969	rBV4	3029	4835	0.23%	0.059%
86	10.672	2976	2980	2986	rVB2	421	481	0.02%	0.006%
87	10.707	2987	2991	2993	rBV	342	311	0.01%	0.004%
88	10.739	2998	3001	3006	rVB3	350	284	0.01%	0.003%
89	10.852	3034	3036	3043	rVB2	422	383	0.02%	0.005%
90	10.893	3047	3049	3055	rBV2	294	255	0.01%	0.003%
91	10.961	3067	3070	3073	rVB2	360	272	0.01%	0.003%
92	11.147	3125	3128	3131	rVB	325	231	0.01%	0.003%
93	11.292	3170	3173	3178	rVV2	223	219	0.01%	0.003%
94	11.479	3219	3231	3252	rBV	378882	607523	29.29%	7.457%
95	11.726	3306	3308	3310	rVB	430	230	0.01%	0.003%
96	11.746	3310	3314	3315	rBV2	483	341	0.02%	0.004%
97	11.855	3334	3348	3371	rBV	315965	529459	25.52%	6.499%
98	12.472	3536	3540	3541	rBV3	546	397	0.02%	0.005%
99	12.836	3650	3653	3658	rBV	429	447	0.02%	0.005%
100	13.932	3992	3994	3998	rBV4	405	283	0.01%	0.003%

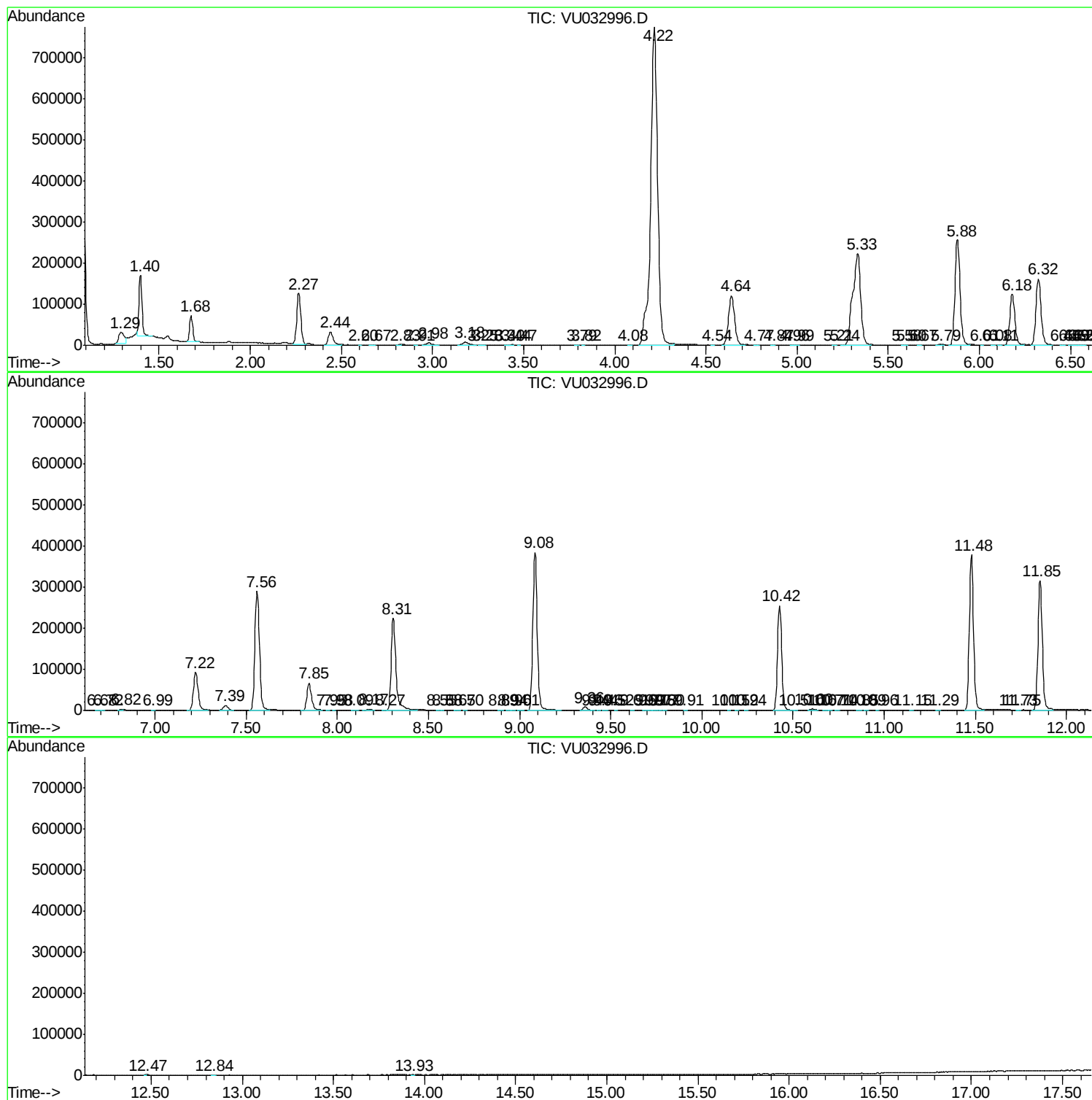
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

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



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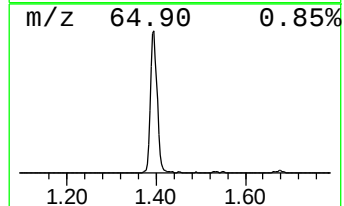
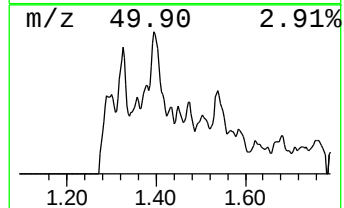
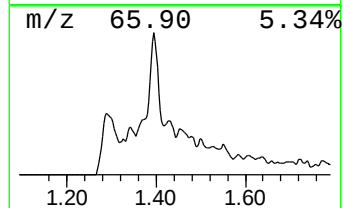
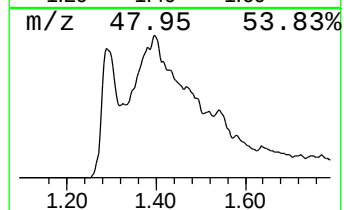
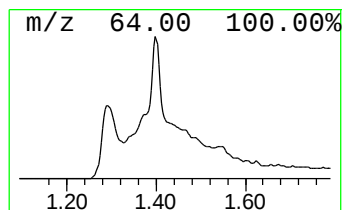
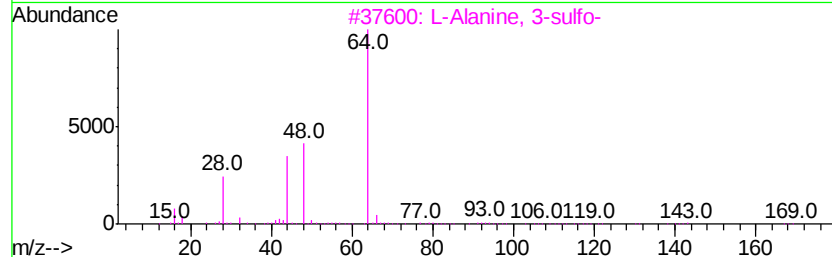
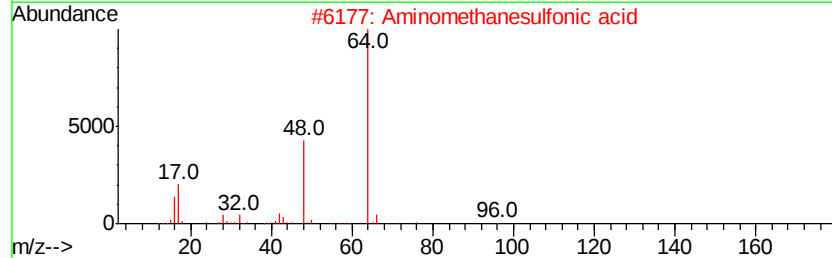
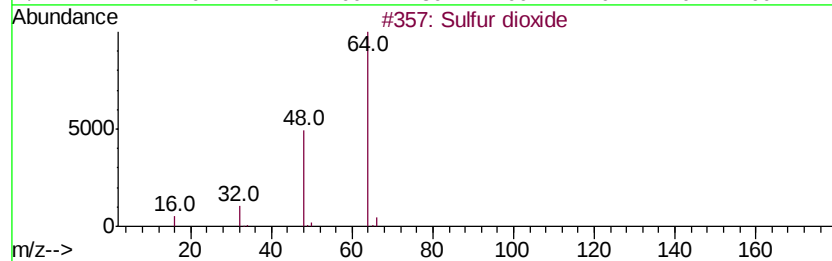
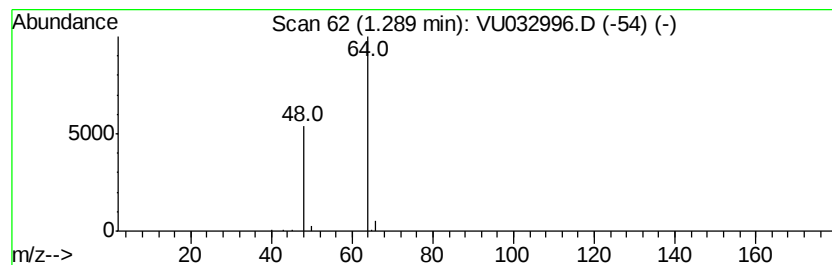
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.29	5.47 ug/L	54851	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 64
3		L-Alanine, 3-sulfo-	169 C3H7N05S	000498-40-8 9
4		Aminomethanesulfonic acid	111 CH5N03S	013881-91-9 9
5		Ethene, 1,1-difluoro-	64 C2H2F2	000075-38-7 4



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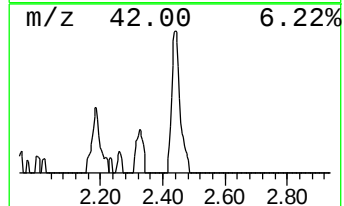
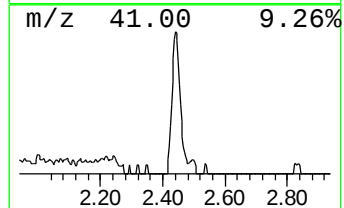
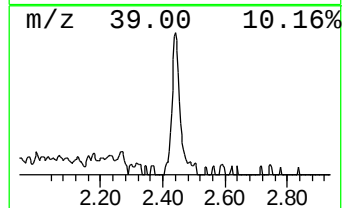
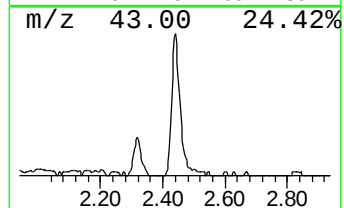
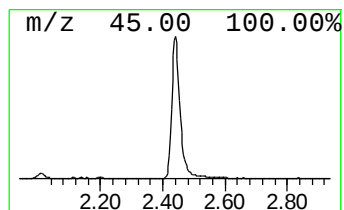
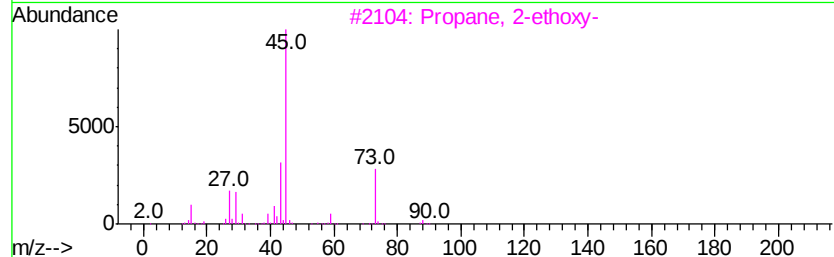
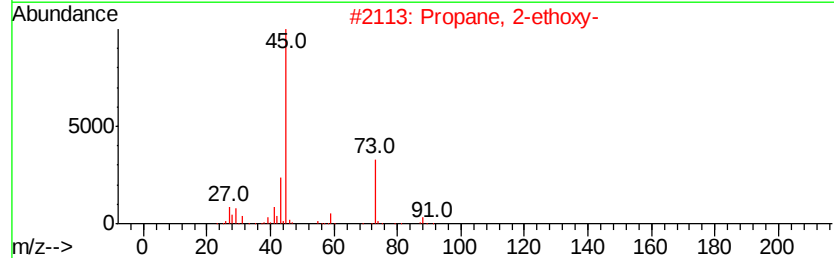
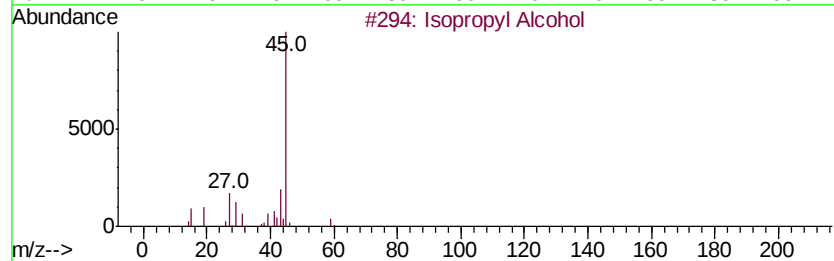
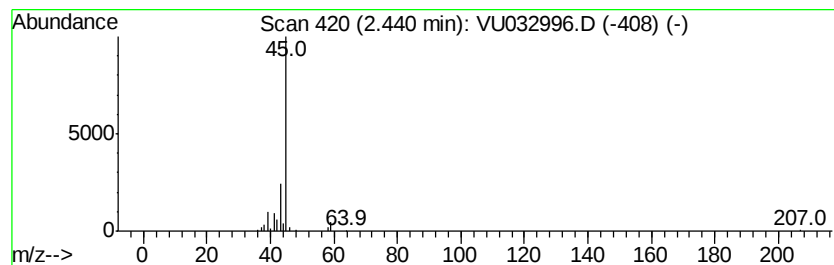
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Quant Title : VOC Analysis

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

Peak Number 2 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	5.90 ug/L	59148	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
2		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
3		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
4		Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	40
5		Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.29	5.5	ug/L	54851	1	5.88	501294	50.0
Isopropyl Alcohol	2.44	5.9	ug/L	59148	1	5.88	501294	50.0