

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU032994.D
 Acq On : 24 Jun 2019 10:09
 Operator : JC/SP
 Sample : K3478-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF13

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	38	rBV2	11704	11469	1.67%	0.194%
2	1.296	55	64	71	rBV2	18247	36683	5.34%	0.622%
3	1.396	89	95	114	rBV2	182849	215931	31.46%	3.662%
4	1.675	175	182	193	rVB	63812	77536	11.30%	1.315%
5	2.267	356	366	377	rVB	125429	190147	27.70%	3.224%
6	2.363	393	396	397	rBV	460	296	0.04%	0.005%
7	2.441	409	420	450	rBV	27409	51793	7.55%	0.878%
8	2.543	450	452	454	rBV2	535	247	0.04%	0.004%
9	2.775	522	524	526	rVV2	312	209	0.03%	0.004%
10	2.823	530	539	551	rVB6	1796	3130	0.46%	0.053%
11	2.936	571	574	576	rVB	277	195	0.03%	0.003%
12	2.977	576	587	601	rBV	16082	30551	4.45%	0.518%
13	3.071	614	616	622	rVB2	444	279	0.04%	0.005%
14	3.103	622	626	629	rBV	367	390	0.06%	0.007%
15	3.177	639	649	665	rBV2	4600	10734	1.56%	0.182%
16	3.559	764	768	770	rBV2	317	220	0.03%	0.004%
17	3.592	774	778	782	rBV2	291	254	0.04%	0.004%
18	3.733	818	822	827	rBV2	318	324	0.05%	0.005%
19	3.765	827	832	836	rBV2	201	234	0.03%	0.004%
20	3.849	856	858	862	rVB	290	214	0.03%	0.004%
21	4.090	931	933	936	rBV2	369	276	0.04%	0.005%
22	4.170	945	958	962	rBV	80419	153849	22.41%	2.609%
23	4.437	1039	1041	1045	rVB	302	180	0.03%	0.003%
24	4.640	1088	1104	1125	rBV	121302	284962	41.52%	4.832%
25	4.871	1172	1176	1178	rBV2	565	355	0.05%	0.006%
26	4.977	1205	1209	1214	rBV2	314	351	0.05%	0.006%
27	5.045	1226	1230	1234	rVB2	288	202	0.03%	0.003%
28	5.331	1296	1319	1350	rBV2	222781	686388	100.00%	11.639%
29	5.547	1382	1386	1387	rBV2	391	207	0.03%	0.004%
30	5.608	1400	1405	1407	rBV2	505	508	0.07%	0.009%
31	5.685	1426	1429	1432	rVB2	467	342	0.05%	0.006%
32	5.746	1444	1448	1449	rBV2	255	183	0.03%	0.003%
33	5.791	1457	1462	1465	rBV3	740	551	0.08%	0.009%
34	5.881	1475	1490	1515	rBV	234112	461424	67.22%	7.825%

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 Title : VOC Analysis

35	6.064	1544	1547	1550	rBV2	306	238	0.03%	0.004%
36	6.125	1564	1566	1569	rVB2	316	177	0.03%	0.003%
37	6.183	1574	1584	1596	rVB5	8245	14912	2.17%	0.253%
38	6.264	1604	1609	1612	rBV3	306	349	0.05%	0.006%
39	6.325	1612	1628	1650	rBV	162863	325902	47.48%	5.527%
40	6.434	1660	1662	1664	rBV	383	190	0.03%	0.003%
41	6.453	1666	1668	1671	rVB2	769	376	0.05%	0.006%
42	6.530	1688	1692	1694	rBV	331	205	0.03%	0.003%
43	6.620	1716	1720	1722	rBV3	231	221	0.03%	0.004%
44	6.678	1735	1738	1742	rBV	412	368	0.05%	0.006%
45	6.823	1774	1783	1790	rBV5	1316	2264	0.33%	0.038%
46	6.926	1810	1815	1820	rBV	321	471	0.07%	0.008%
47	7.022	1842	1845	1848	rVV2	227	178	0.03%	0.003%
48	7.048	1849	1853	1859	rVB2	423	428	0.06%	0.007%
49	7.087	1860	1865	1867	rBV2	329	282	0.04%	0.005%
50	7.222	1896	1907	1928	rBV	92016	166826	24.30%	2.829%
51	7.386	1947	1958	1969	rVV2	8764	15940	2.32%	0.270%
52	7.450	1974	1978	1979	rBV2	354	190	0.03%	0.003%
53	7.463	1979	1982	1984	rBV2	438	349	0.05%	0.006%
54	7.559	2000	2012	2031	rBV	290965	507881	73.99%	8.612%
55	7.794	2083	2085	2089	rBV2	200	175	0.03%	0.003%
56	7.845	2089	2101	2126	rVV	64257	114926	16.74%	1.949%
57	8.080	2172	2174	2177	rVB3	272	181	0.03%	0.003%
58	8.170	2195	2202	2209	rBV2	2148	2710	0.39%	0.046%
59	8.235	2218	2222	2225	rBV2	206	210	0.03%	0.004%
60	8.305	2233	2244	2281	rBV	226943	413904	60.30%	7.019%
61	8.694	2360	2365	2370	rBV3	358	432	0.06%	0.007%
62	8.778	2385	2391	2397	rBV	447	587	0.09%	0.010%
63	8.836	2406	2409	2414	rVB3	226	208	0.03%	0.004%
64	8.929	2435	2438	2441	rBV2	294	194	0.03%	0.003%
65	9.083	2471	2486	2508	rBV	343448	581700	84.75%	9.864%
66	9.244	2533	2536	2539	rVV5	475	296	0.04%	0.005%
67	9.292	2549	2551	2555	rBV2	250	210	0.03%	0.004%
68	9.357	2564	2571	2581	rBV6	2654	4916	0.72%	0.083%
69	9.398	2581	2584	2588	rVB5	470	408	0.06%	0.007%
70	9.453	2598	2601	2605	rBV3	299	300	0.04%	0.005%
71	9.533	2621	2626	2628	rBV3	418	345	0.05%	0.006%

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72	9.630	2649	2656	2662	rBV3	354	463	0.07%	0.008%
73	9.739	2687	2690	2692	rVB2	414	259	0.04%	0.004%
74	9.784	2700	2704	2707	rVB3	504	402	0.06%	0.007%
75	9.858	2723	2727	2729	rVB	294	200	0.03%	0.003%
76	10.093	2796	2800	2803	rVB3	331	242	0.04%	0.004%
77	10.376	2885	2888	2891	rBV	328	278	0.04%	0.005%
78	10.424	2891	2903	2924	rVV	253548	413121	60.19%	7.006%
79	10.604	2951	2959	2966	rBV4	3366	4904	0.71%	0.083%
80	10.829	3027	3029	3033	rBV3	235	177	0.03%	0.003%
81	10.894	3046	3049	3051	rBV	386	217	0.03%	0.004%
82	10.906	3051	3053	3057	rVV	203	177	0.03%	0.003%
83	10.967	3066	3072	3075	rBV2	315	333	0.05%	0.006%
84	10.984	3075	3077	3080	rVV	283	237	0.03%	0.004%
85	11.019	3084	3088	3091	rBV2	252	202	0.03%	0.003%
86	11.035	3091	3093	3097	rVV2	252	196	0.03%	0.003%
87	11.058	3097	3100	3103	rVB2	256	185	0.03%	0.003%
88	11.154	3127	3130	3133	rVB3	357	239	0.03%	0.004%
89	11.238	3153	3156	3159	rBV	246	212	0.03%	0.004%
90	11.260	3161	3163	3169	rVB3	278	222	0.03%	0.004%
91	11.437	3215	3218	3219	rBV2	378	228	0.03%	0.004%
92	11.479	3219	3231	3256	rVV	349541	559320	81.49%	9.485%
93	11.791	3324	3328	3331	rBV2	383	325	0.05%	0.006%
94	11.855	3334	3348	3370	rBV	317160	532103	77.52%	9.023%
95	12.151	3438	3440	3446	rVB3	493	308	0.04%	0.005%
96	12.183	3446	3450	3454	rBV4	401	347	0.05%	0.006%
97	12.475	3535	3541	3548	rBV3	656	1120	0.16%	0.019%
98	12.611	3580	3583	3589	rVB4	636	604	0.09%	0.010%
99	12.723	3615	3618	3620	rBV2	275	173	0.03%	0.003%
100	12.922	3677	3680	3682	rBV2	315	206	0.03%	0.003%

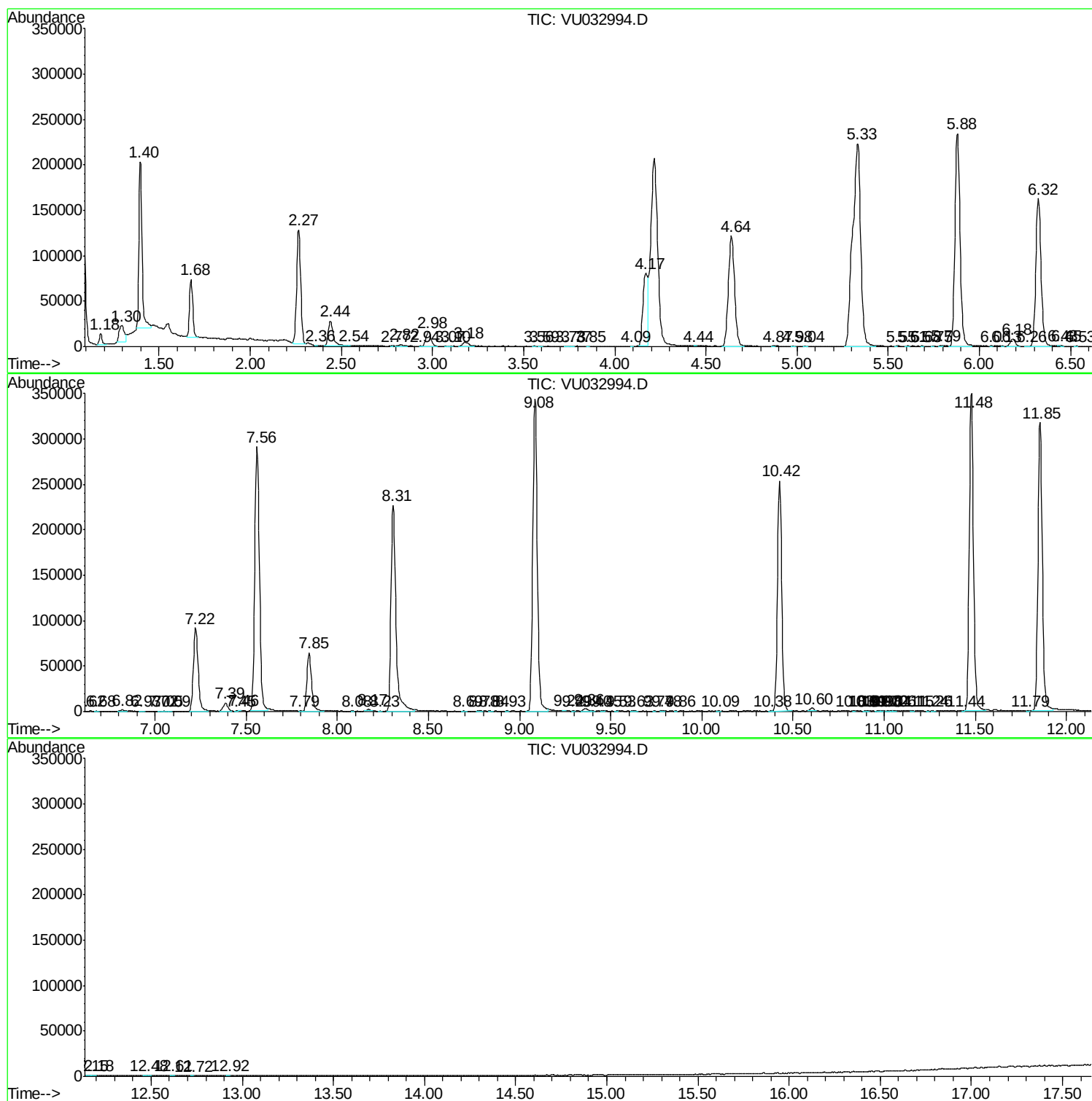
Sum of corrected areas: 5897063

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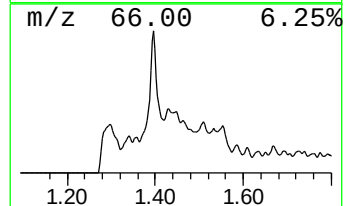
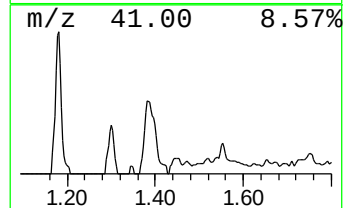
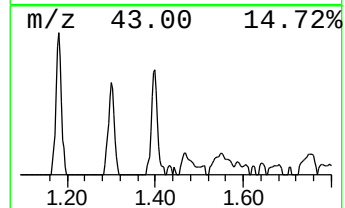
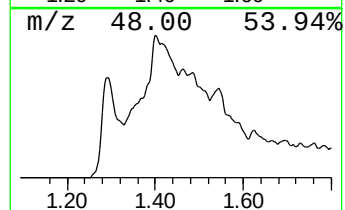
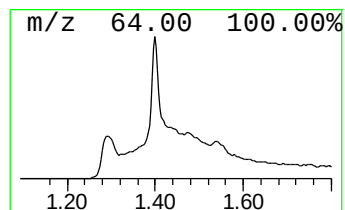
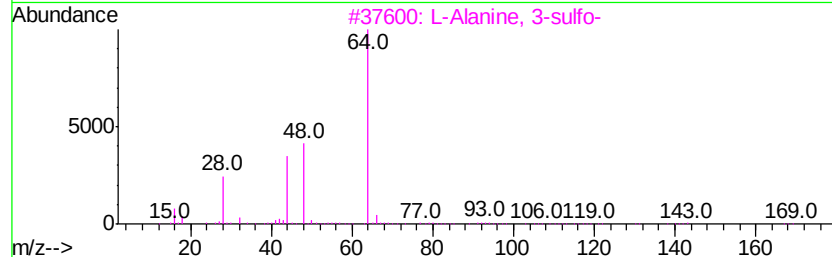
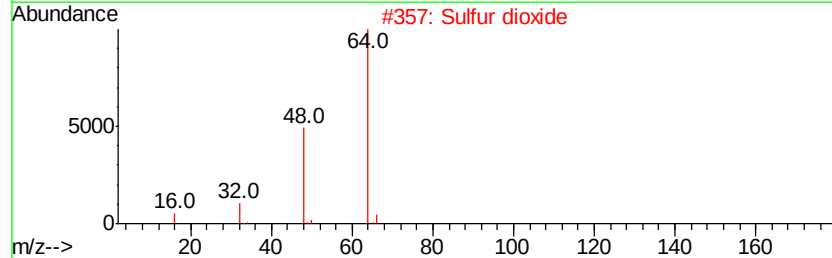
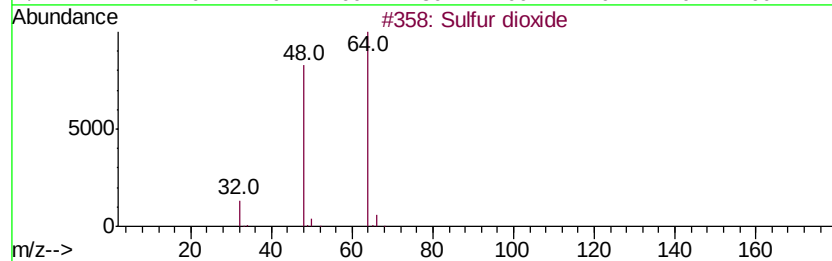
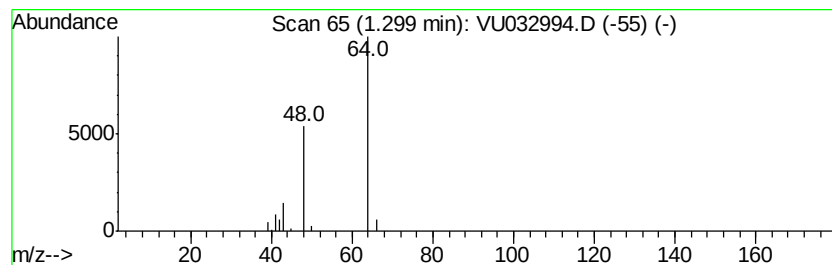
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

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.
1.30	3.97 ug/L	36683	1,4-Difluorobenzene	5.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Sulfur dioxide	64 02S	007446-09-5	74
2	Sulfur dioxide	64 02S	007446-09-5	74
3	L-Alanine, 3-sulfo-	169 C3H7NO5S	000498-40-8	64
4	Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9	64
5	Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9	9



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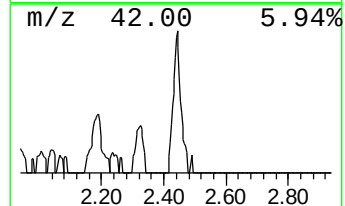
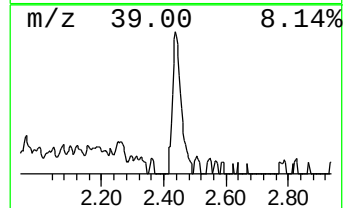
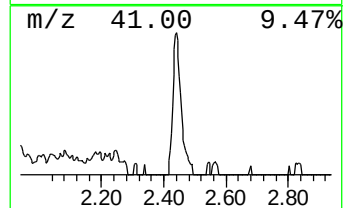
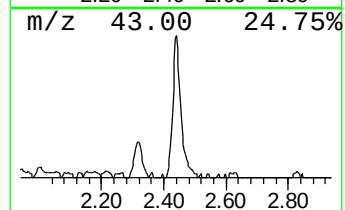
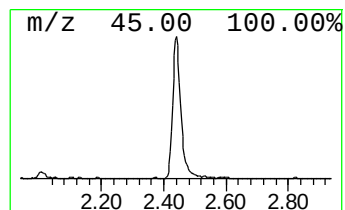
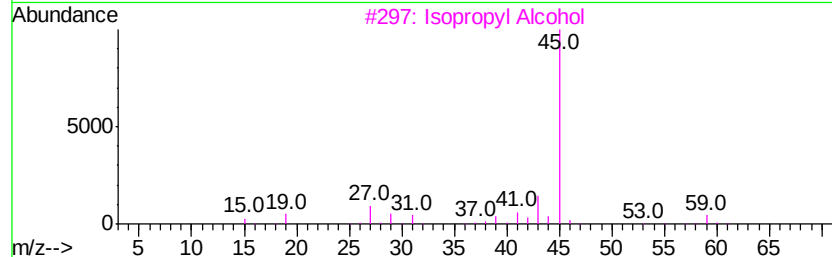
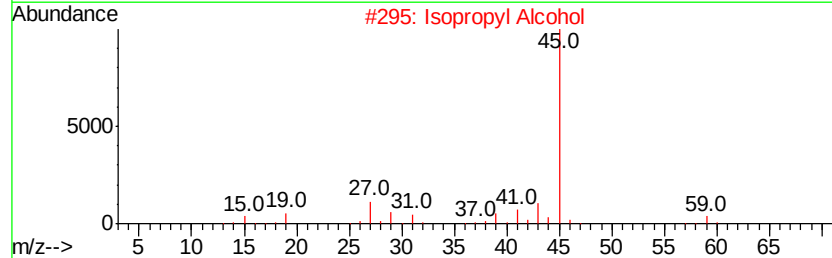
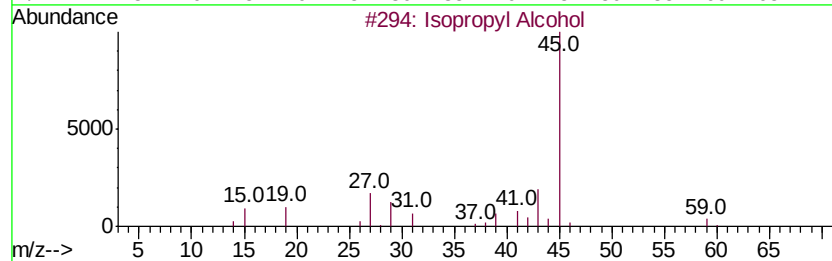
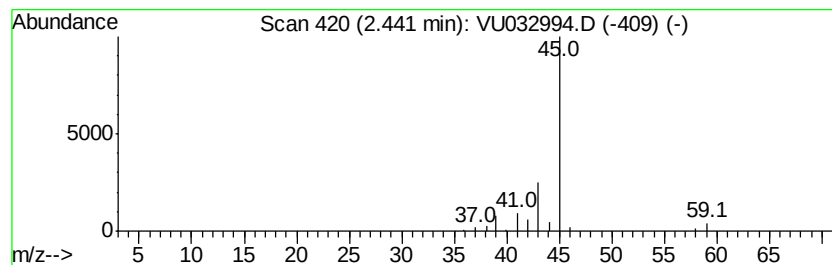
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Quant Title : VOC Analysis

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	5.61 ug/L	51793	1,4-Difluorobenzene	5.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	74
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	9
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4			Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5			Ethylamine	45	C2H7N	000075-04-7	5



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.30	4.0	ug/L	36683	1	5.88	461424	50.0
Isopropyl Alcohol	2.44	5.6	ug/L	51793	1	5.88	461424	50.0