

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031819\
 Data File : VU030174.D
 Acq On : 18 Mar 2019 15:16
 Operator : JC/SP
 Sample : K1967-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C09H7

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\SOMULM031319WMA.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	1.183	23	29	38	rBV	98188	92625	4.82%	0.606%
2	1.305	61	67	78	rVB	41839	42358	2.20%	0.277%
3	1.399	89	96	108	rBV	293606	295882	15.39%	1.937%
4	1.682	176	184	205	rVB	209605	265145	13.79%	1.736%
5	2.270	357	367	380	rBV	457364	695814	36.19%	4.555%
6	2.444	411	421	437	rBV	91284	162319	8.44%	1.063%
7	2.678	491	494	497	rVB	1803	1218	0.06%	0.008%
8	2.704	498	502	505	rBV	1386	1323	0.07%	0.009%
9	2.836	538	543	554	rVB3	7141	12809	0.67%	0.084%
10	2.945	573	577	580	rBV	1763	1600	0.08%	0.010%
11	3.032	601	604	609	rBV	1082	1223	0.06%	0.008%
12	3.074	614	617	621	rBV	1031	979	0.05%	0.006%
13	3.125	629	633	636	rBV	1387	994	0.05%	0.007%
14	3.376	707	711	719	rBV2	1263	1521	0.08%	0.010%
15	3.450	730	734	741	rVB	1676	1703	0.09%	0.011%
16	3.575	766	773	777	rBV	1949	2331	0.12%	0.015%
17	3.717	813	817	822	rBV2	1832	2022	0.11%	0.013%
18	3.916	876	879	881	rBV	1607	1174	0.06%	0.008%
19	3.955	885	891	894	rVB	1505	1799	0.09%	0.012%
20	4.016	906	910	917	rVB2	1100	1130	0.06%	0.007%
21	4.132	943	946	947	rBV	1746	1009	0.05%	0.007%
22	4.173	947	959	985	rVV	168932	454866	23.66%	2.978%
23	4.382	1014	1024	1040	rBV2	42002	95844	4.99%	0.627%
24	4.646	1091	1106	1132	rVB	307971	732793	38.12%	4.797%
25	4.887	1176	1181	1185	rBV3	1074	1103	0.06%	0.007%
26	5.016	1215	1221	1226	rBV	1505	1583	0.08%	0.010%
27	5.135	1253	1258	1260	rBV	1442	1499	0.08%	0.010%
28	5.186	1270	1274	1279	rVB	1716	1502	0.08%	0.010%
29	5.228	1279	1287	1289	rBV	1681	1759	0.09%	0.012%
30	5.337	1297	1321	1354	rBV2	651332	1922582	100.00%	12.586%
31	5.527	1377	1380	1386	rBV2	1493	1464	0.08%	0.010%
32	5.585	1395	1398	1402	rVB	2617	2009	0.10%	0.013%
33	5.611	1402	1406	1410	rVB	1926	1495	0.08%	0.010%
34	5.704	1432	1435	1438	rBV	1477	1115	0.06%	0.007%

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 Title : VOC Analysis

35	5.781	1457	1459	1464	rBV	1464	1072	0.06%	0.007%
36	5.884	1478	1491	1514	rBV	545273	1101069	57.27%	7.208%
37	6.074	1547	1550	1556	rVB2	1893	1532	0.08%	0.010%
38	6.157	1571	1576	1580	rBV	1750	2243	0.12%	0.015%
39	6.328	1615	1629	1655	rBV	412288	841432	43.77%	5.508%
40	6.489	1677	1679	1685	rVB3	1874	1381	0.07%	0.009%
41	6.598	1706	1713	1717	rBV	1331	1689	0.09%	0.011%
42	6.730	1750	1754	1762	rVB	1810	2299	0.12%	0.015%
43	6.765	1762	1765	1768	rBV	1566	1028	0.05%	0.007%
44	6.820	1776	1782	1785	rBV	1168	1279	0.07%	0.008%
45	6.900	1805	1807	1813	rBV2	1014	965	0.05%	0.006%
46	6.942	1816	1820	1823	rBV	1379	1168	0.06%	0.008%
47	7.225	1895	1908	1924	rBV	232768	428287	22.28%	2.804%
48	7.562	2000	2013	2038	rBV	884625	1589021	82.65%	10.402%
49	7.849	2090	2102	2122	rBV	159872	286061	14.88%	1.873%
50	7.980	2139	2143	2146	rBV	1502	966	0.05%	0.006%
51	8.177	2192	2204	2214	rBV	21882	43652	2.27%	0.286%
52	8.308	2234	2245	2277	rBV	559541	997420	51.88%	6.529%
53	8.768	2383	2388	2392	rVB	1644	1723	0.09%	0.011%
54	8.948	2438	2444	2447	rBV	1157	1191	0.06%	0.008%
55	9.086	2475	2487	2510	rBV	803134	1369593	71.24%	8.966%
56	9.408	2583	2587	2593	rBV	2047	2152	0.11%	0.014%
57	9.514	2617	2620	2623	rBV	1479	1114	0.06%	0.007%
58	9.569	2633	2637	2639	rBV	1313	1026	0.05%	0.007%
59	9.636	2654	2658	2660	rBV	1520	1464	0.08%	0.010%
60	9.688	2667	2674	2676	rBV	1069	1246	0.06%	0.008%
61	10.038	2779	2783	2787	rBV	1275	1198	0.06%	0.008%
62	10.186	2824	2829	2832	rBV	1115	1091	0.06%	0.007%
63	10.228	2838	2842	2845	rBV2	1235	1023	0.05%	0.007%
64	10.340	2871	2877	2879	rBV	1721	1791	0.09%	0.012%
65	10.427	2892	2904	2929	rBV	616979	997750	51.90%	6.532%
66	10.604	2948	2959	2973	rBV3	17668	31030	1.61%	0.203%
67	10.781	3009	3014	3017	rBV	1426	1627	0.08%	0.011%
68	10.893	3045	3049	3055	rBV	1482	1371	0.07%	0.009%
69	10.977	3073	3075	3079	rVB	1672	1180	0.06%	0.008%
70	11.025	3086	3090	3093	rBV2	1191	1064	0.06%	0.007%
71	11.119	3115	3119	3123	rBV	1842	1784	0.09%	0.012%

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72	11.144	3123	3127	3132	rVV	1174	1359	0.07%	0.009%
73	11.205	3140	3146	3149	rBV	1279	1563	0.08%	0.010%
74	11.482	3219	3232	3254	rBV	794639	1289242	67.06%	8.440%
75	11.749	3312	3315	3317	rBV	1583	1132	0.06%	0.007%
76	11.858	3336	3349	3369	rBV	867892	1413810	73.54%	9.255%
77	12.019	3396	3399	3403	rVB	1680	1312	0.07%	0.009%
78	12.202	3451	3456	3459	rBV2	1231	1400	0.07%	0.009%
79	12.479	3535	3542	3549	rBV4	3643	5723	0.30%	0.037%
80	12.639	3587	3592	3597	rBV	1439	1343	0.07%	0.009%
81	12.672	3597	3602	3604	rBV	1288	1275	0.07%	0.008%
82	12.861	3658	3661	3666	rVB	1089	1022	0.05%	0.007%
83	12.929	3678	3682	3690	rBV	1638	1697	0.09%	0.011%
84	12.967	3690	3694	3698	rBV	1267	1058	0.06%	0.007%
85	13.057	3717	3722	3728	rBV2	2417	2846	0.15%	0.019%
86	13.180	3757	3760	3769	rVB2	1631	2048	0.11%	0.013%
87	13.221	3769	3773	3776	rBV2	1523	1497	0.08%	0.010%
88	13.607	3889	3893	3895	rBV	1603	1194	0.06%	0.008%
89	13.697	3918	3921	3924	rBV	1727	1331	0.07%	0.009%
90	13.807	3951	3955	3959	rBV2	967	995	0.05%	0.007%
91	13.903	3981	3985	3991	rBV	1320	1276	0.07%	0.008%
92	13.951	3996	4000	4005	rBV2	1292	1435	0.07%	0.009%
93	13.987	4005	4011	4019	rVB	1714	2677	0.14%	0.018%
94	14.032	4019	4025	4029	rBV2	1489	1885	0.10%	0.012%
95	14.134	4054	4057	4060	rBV	1712	1115	0.06%	0.007%
96	14.482	4161	4165	4169	rBV2	956	1252	0.07%	0.008%
97	14.694	4228	4231	4234	rVV	1111	990	0.05%	0.006%
98	14.970	4312	4317	4319	rBV	1297	1234	0.06%	0.008%
99	15.221	4392	4395	4399	rBV2	1570	1207	0.06%	0.008%
100	15.411	4451	4454	4459	rBV3	1420	1113	0.06%	0.007%

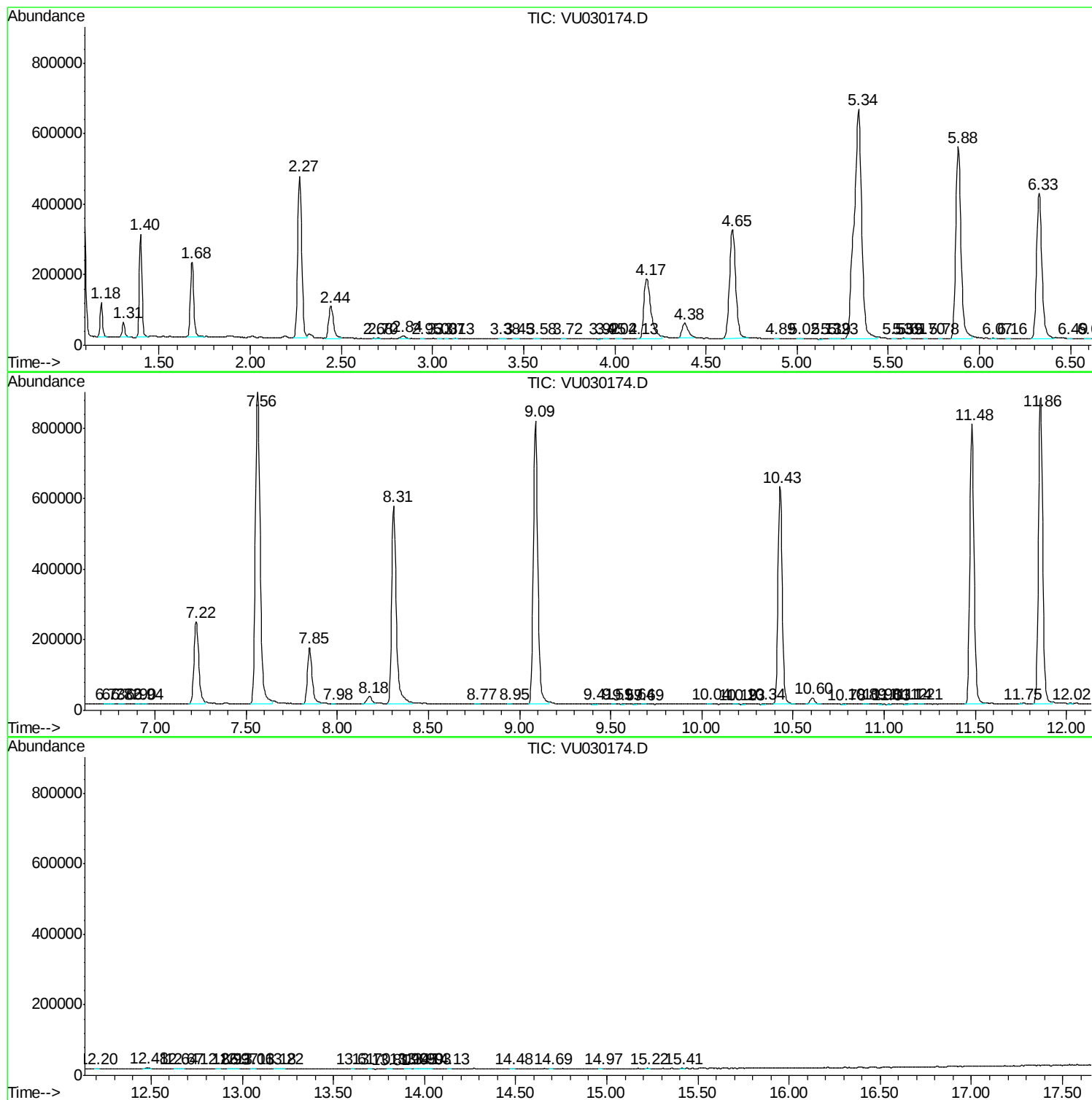
Sum of corrected areas: 15275605

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis

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



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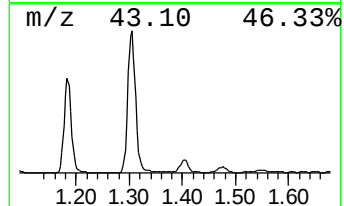
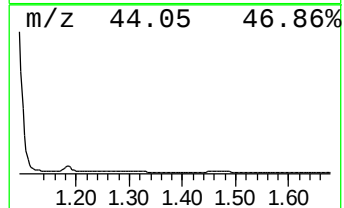
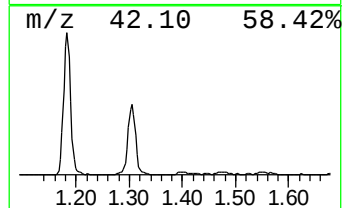
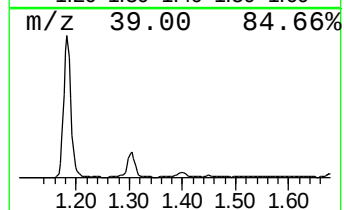
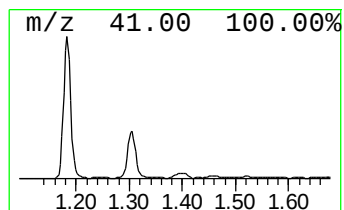
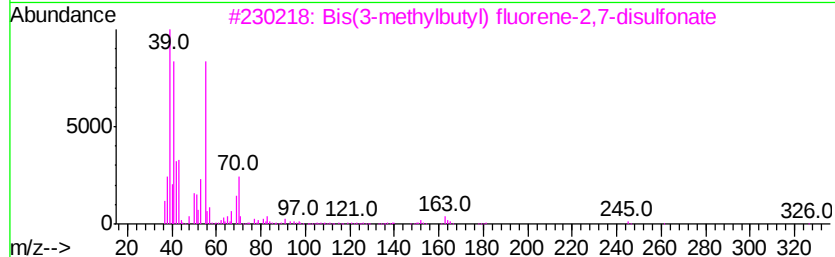
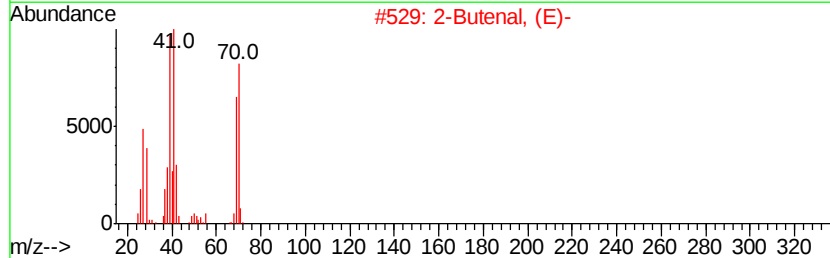
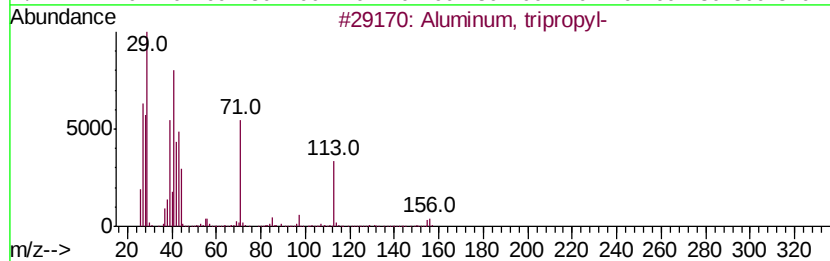
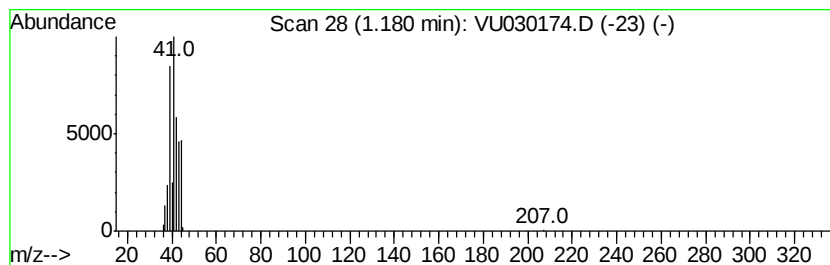
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Aluminum, tripropyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	4.21 ug/L	92625	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Aluminum, tripropyl-	156	C9H21Al	000102-67-0	83
2		2-Butenal, (E)-	70	C4H6O	000123-73-9	72
3		Bis(3-methylbutyl) fluorene-2,7-...	466	C23H30O6S2	253664-95-8	72
4		3-Butenoic acid	86	C4H6O2	000625-38-7	64
5		Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	64



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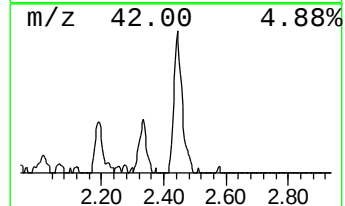
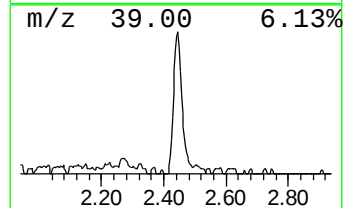
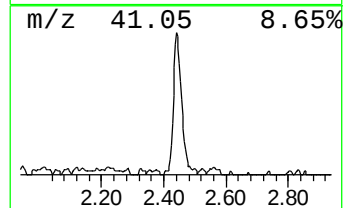
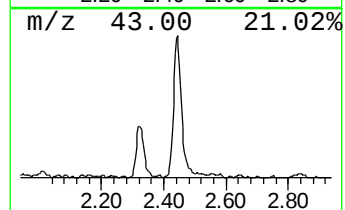
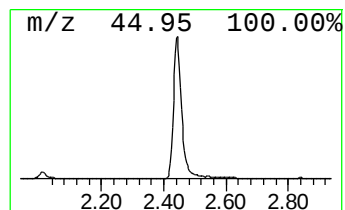
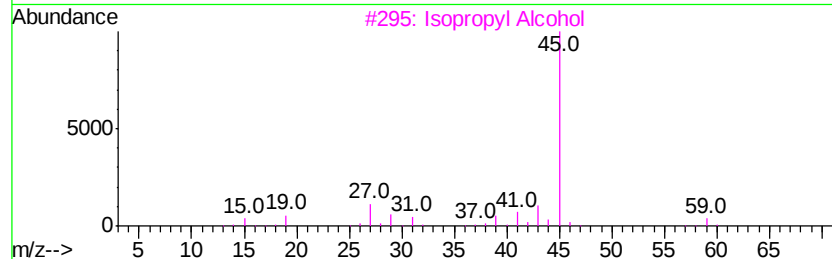
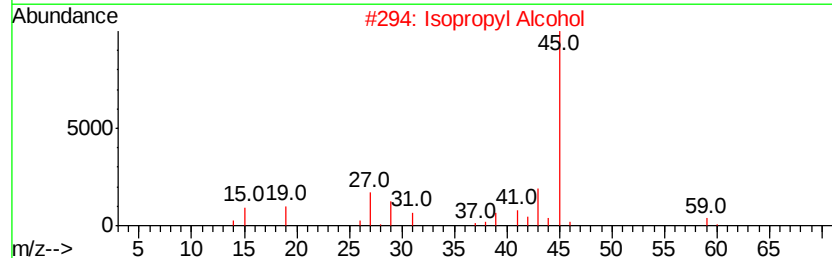
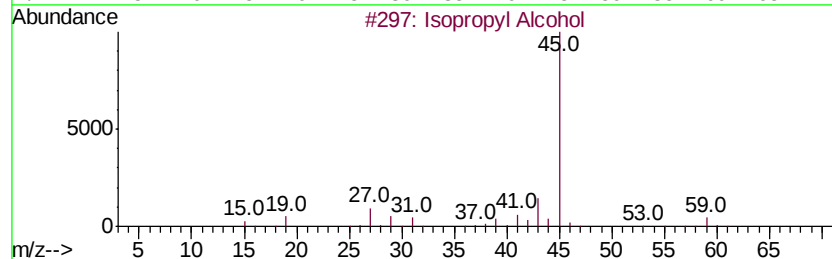
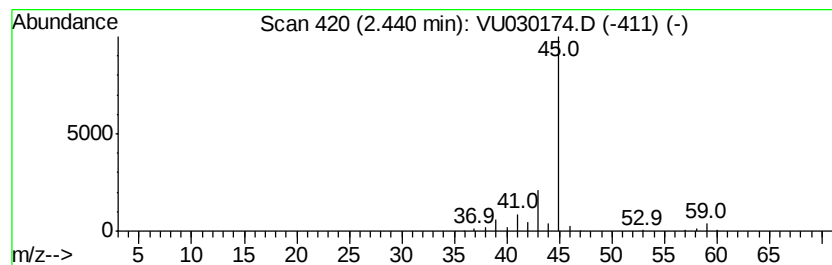
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis

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	7.37 ug/L	162319	1,4-Difluorobenzene	5.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4			Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5			Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40



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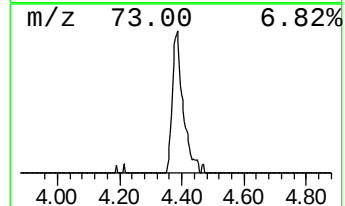
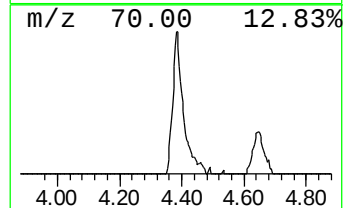
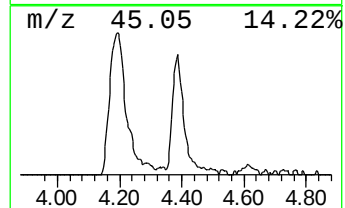
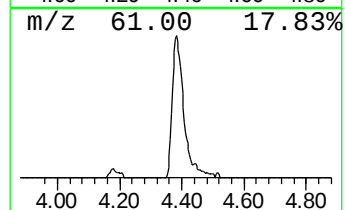
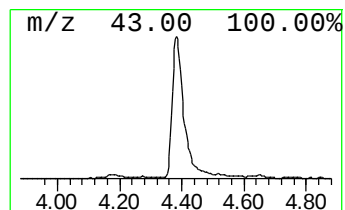
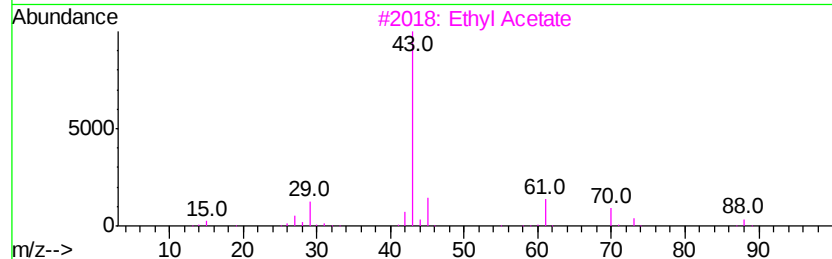
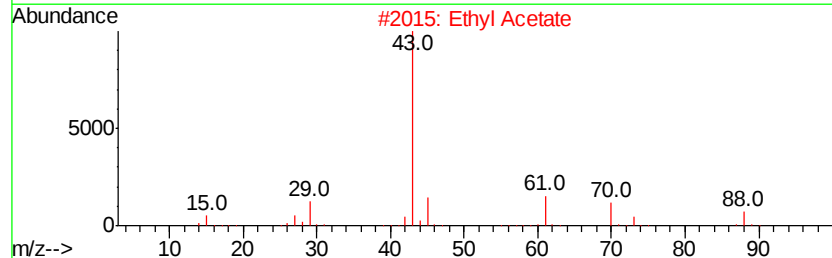
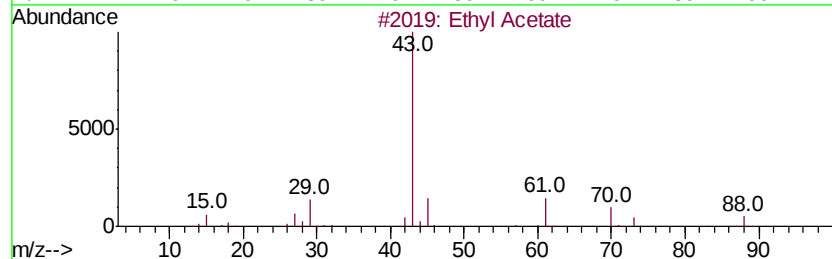
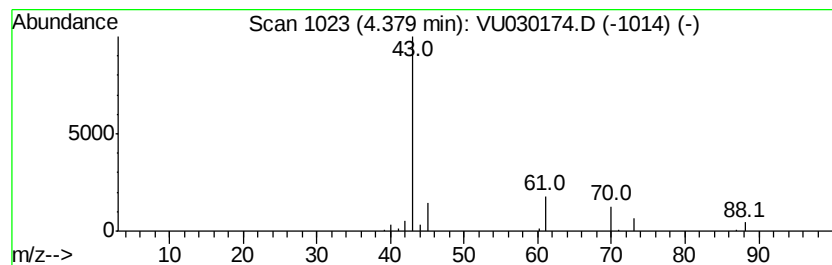
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Quant Title : VOC Analysis

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

Peak Number 3 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	4.35 ug/L	95844	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl Acetate	88	C4H8O2	000141-78-6	86
2		Ethyl Acetate	88	C4H8O2	000141-78-6	78
3		Ethyl Acetate	88	C4H8O2	000141-78-6	78
4		Ethyl Acetate	88	C4H8O2	000141-78-6	78
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	36



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031819\
Data File : VU030174.D
Acq On : 18 Mar 2019 15:16
Operator : JC/SP
Sample : K1967-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09H7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.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
Aluminum, tripropyl-	1.18	4.2	ug/L	92625	1	5.88	1101070	50.0
Isopropyl Alcohol	2.44	7.4	ug/L	162319	1	5.88	1101070	50.0
Ethyl Acetate	4.38	4.3	ug/L	95844	1	5.88	1101070	50.0