

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032019\
 Data File : VU030243.D
 Acq On : 20 Mar 2019 23:12
 Operator : JC/SP
 Sample : K2022-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C09D2

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\SOMULM031919WMA.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	25	29	39	rVB	11353	10514	0.33%	0.051%
2	1.399	89	96	107	rBV	239494	237888	7.52%	1.143%
3	1.678	176	183	201	rVB	177365	226831	7.17%	1.090%
4	2.270	357	367	379	rBV	383485	578626	18.30%	2.781%
5	2.440	410	420	437	rBV	239507	420901	13.31%	2.023%
6	3.489	743	746	750	rBV	1401	967	0.03%	0.005%
7	3.788	836	839	843	rVB	1213	1005	0.03%	0.005%
8	3.884	865	869	873	rBV	1436	1519	0.05%	0.007%
9	4.032	912	915	917	rBV	1332	905	0.03%	0.004%
10	4.174	948	959	998	rBV	168934	454543	14.37%	2.184%
11	4.386	1015	1025	1045	rBV2	34225	79730	2.52%	0.383%
12	4.646	1089	1106	1134	rBV	290469	702122	22.20%	3.374%
13	5.058	1232	1234	1237	rBV3	1225	883	0.03%	0.004%
14	5.080	1239	1241	1245	rVB	1699	1020	0.03%	0.005%
15	5.141	1257	1260	1263	rVB	1954	1382	0.04%	0.007%
16	5.337	1298	1321	1360	rBV2	594747	1768859	55.93%	8.501%
17	5.636	1411	1414	1418	rVB2	1430	1004	0.03%	0.005%
18	5.884	1476	1491	1521	rBV	581442	1174545	37.14%	5.645%
19	6.106	1556	1560	1563	rBV2	1139	957	0.03%	0.005%
20	6.125	1563	1566	1571	rVB	1934	1692	0.05%	0.008%
21	6.247	1600	1604	1606	rBV2	1153	900	0.03%	0.004%
22	6.328	1616	1629	1654	rBV	384806	778400	24.61%	3.741%
23	6.636	1719	1725	1728	rBV	1209	1087	0.03%	0.005%
24	6.659	1728	1732	1734	rVV	1626	1201	0.04%	0.006%
25	6.714	1747	1749	1753	rVB	1708	1006	0.03%	0.005%
26	6.739	1753	1757	1761	rVB	1680	1422	0.04%	0.007%
27	6.771	1761	1767	1771	rBV	1232	1371	0.04%	0.007%
28	6.817	1775	1781	1785	rVB2	1550	1831	0.06%	0.009%
29	6.878	1795	1800	1805	rBV2	1871	2194	0.07%	0.011%
30	6.903	1805	1808	1815	rVB2	899	885	0.03%	0.004%
31	6.939	1815	1819	1824	rBV	1088	995	0.03%	0.005%
32	7.061	1852	1857	1859	rBV	1282	1078	0.03%	0.005%
33	7.225	1897	1908	1935	rBV2	211607	392213	12.40%	1.885%
34	7.434	1969	1973	1977	rBV	1522	1225	0.04%	0.006%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Title : VOC Analysis

35	7.562	1999	2013	2055	rBV	781849	1446599	45.74%	6.952%
36	7.849	2091	2102	2122	rBV	146790	263548	8.33%	1.267%
37	8.173	2196	2203	2211	rVV4	3696	7099	0.22%	0.034%
38	8.308	2234	2245	2278	rBV	541262	1015242	32.10%	4.879%
39	8.688	2359	2363	2368	rBV	1473	1226	0.04%	0.006%
40	8.823	2397	2405	2408	rBV	1798	2264	0.07%	0.011%
41	8.878	2417	2422	2431	rVB	1821	2832	0.09%	0.014%
42	9.087	2474	2487	2522	rBV2	841637	1776631	56.17%	8.538%
43	9.328	2558	2562	2565	rBV	1498	1432	0.05%	0.007%
44	9.424	2587	2592	2596	rVB	1041	1080	0.03%	0.005%
45	9.505	2612	2617	2620	rBV	925	924	0.03%	0.004%
46	9.524	2620	2623	2628	rVV2	1381	1277	0.04%	0.006%
47	9.550	2628	2631	2636	rVB	1167	950	0.03%	0.005%
48	9.742	2686	2691	2695	rBV	1077	987	0.03%	0.005%
49	9.778	2700	2702	2708	rVB	1446	1471	0.05%	0.007%
50	9.804	2708	2710	2716	rVB	1547	1380	0.04%	0.007%
51	9.842	2716	2722	2726	rBV	1833	1988	0.06%	0.010%
52	9.871	2726	2731	2735	rBV	816	945	0.03%	0.005%
53	9.945	2750	2754	2756	rBV2	1642	1216	0.04%	0.006%
54	9.964	2756	2760	2764	rVV	1083	1245	0.04%	0.006%
55	10.009	2769	2774	2782	rBV2	1306	2341	0.07%	0.011%
56	10.045	2782	2785	2791	rBV3	997	930	0.03%	0.004%
57	10.106	2801	2804	2808	rVB	1636	1089	0.03%	0.005%
58	10.135	2810	2813	2817	rBV	1442	1084	0.03%	0.005%
59	10.193	2828	2831	2834	rBV	1264	976	0.03%	0.005%
60	10.212	2834	2837	2844	rVB2	1132	1337	0.04%	0.006%
61	10.250	2844	2849	2852	rBV	1988	1858	0.06%	0.009%
62	10.382	2884	2890	2892	rBV	1547	1625	0.05%	0.008%
63	10.427	2892	2904	2930	rVV	594720	970428	30.68%	4.664%
64	10.543	2938	2940	2944	rVB2	1687	1061	0.03%	0.005%
65	10.611	2953	2961	2969	rVB4	3227	5598	0.18%	0.027%
66	10.849	3030	3035	3041	rBV2	1166	1391	0.04%	0.007%
67	11.106	3112	3115	3120	rVB	1455	1046	0.03%	0.005%
68	11.148	3125	3128	3131	rVB	1446	975	0.03%	0.005%
69	11.167	3131	3134	3139	rVB	1443	1381	0.04%	0.007%
70	11.218	3139	3150	3153	rBV2	2393	3355	0.11%	0.016%
71	11.279	3163	3169	3174	rBV	1996	2404	0.08%	0.012%

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72	11.418	3200	3212	3221	rBV	72345	118717	3.75%	0.571%
73	11.482	3221	3232	3256	rVV2	905153	2183783	69.05%	10.495%
74	11.758	3315	3318	3325	rBV4	2215	2311	0.07%	0.011%
75	11.871	3336	3353	3373	rBV2	1349445	3162682	100.00%	15.199%
76	12.006	3393	3395	3400	rVB	2021	1640	0.05%	0.008%
77	12.151	3435	3440	3443	rBV2	1523	1377	0.04%	0.007%
78	12.228	3459	3464	3467	rBV	1898	1922	0.06%	0.009%
79	12.466	3535	3538	3540	rBV2	1633	1201	0.04%	0.006%
80	12.508	3547	3551	3558	rVB	1498	1500	0.05%	0.007%
81	12.543	3559	3562	3568	rBV	932	1031	0.03%	0.005%
82	12.588	3574	3576	3584	rVB2	1311	982	0.03%	0.005%
83	12.688	3601	3607	3611	rBV2	1261	1655	0.05%	0.008%
84	12.713	3612	3615	3620	rVB	1788	1631	0.05%	0.008%
85	12.742	3620	3624	3628	rBV	1719	1968	0.06%	0.009%
86	12.791	3633	3639	3643	rBV	1613	1788	0.06%	0.009%
87	12.845	3650	3656	3659	rBV2	1605	1812	0.06%	0.009%
88	12.945	3684	3687	3691	rVB	1459	989	0.03%	0.005%
89	13.070	3724	3726	3735	rVB2	1117	1138	0.04%	0.005%
90	13.186	3754	3762	3764	rBV2	1606	2247	0.07%	0.011%
91	13.279	3787	3791	3794	rBV2	1077	1012	0.03%	0.005%
92	13.453	3842	3845	3847	rBV	1431	1101	0.03%	0.005%
93	13.501	3847	3860	3890	rVV	890529	1494792	47.26%	7.184%
94	13.987	3999	4011	4030	rBV	142914	256650	8.11%	1.233%
95	14.585	4194	4197	4204	rBV	1592	1600	0.05%	0.008%
96	14.922	4298	4302	4305	rBV	1526	1450	0.05%	0.007%
97	14.961	4311	4314	4317	rBV	1677	912	0.03%	0.004%
98	15.070	4328	4348	4362	rBV4	42169	116835	3.69%	0.561%
99	15.646	4514	4527	4552	rBV	583325	1036108	32.76%	4.979%
100	16.903	4912	4918	4930	rVB6	16599	26081	0.82%	0.125%

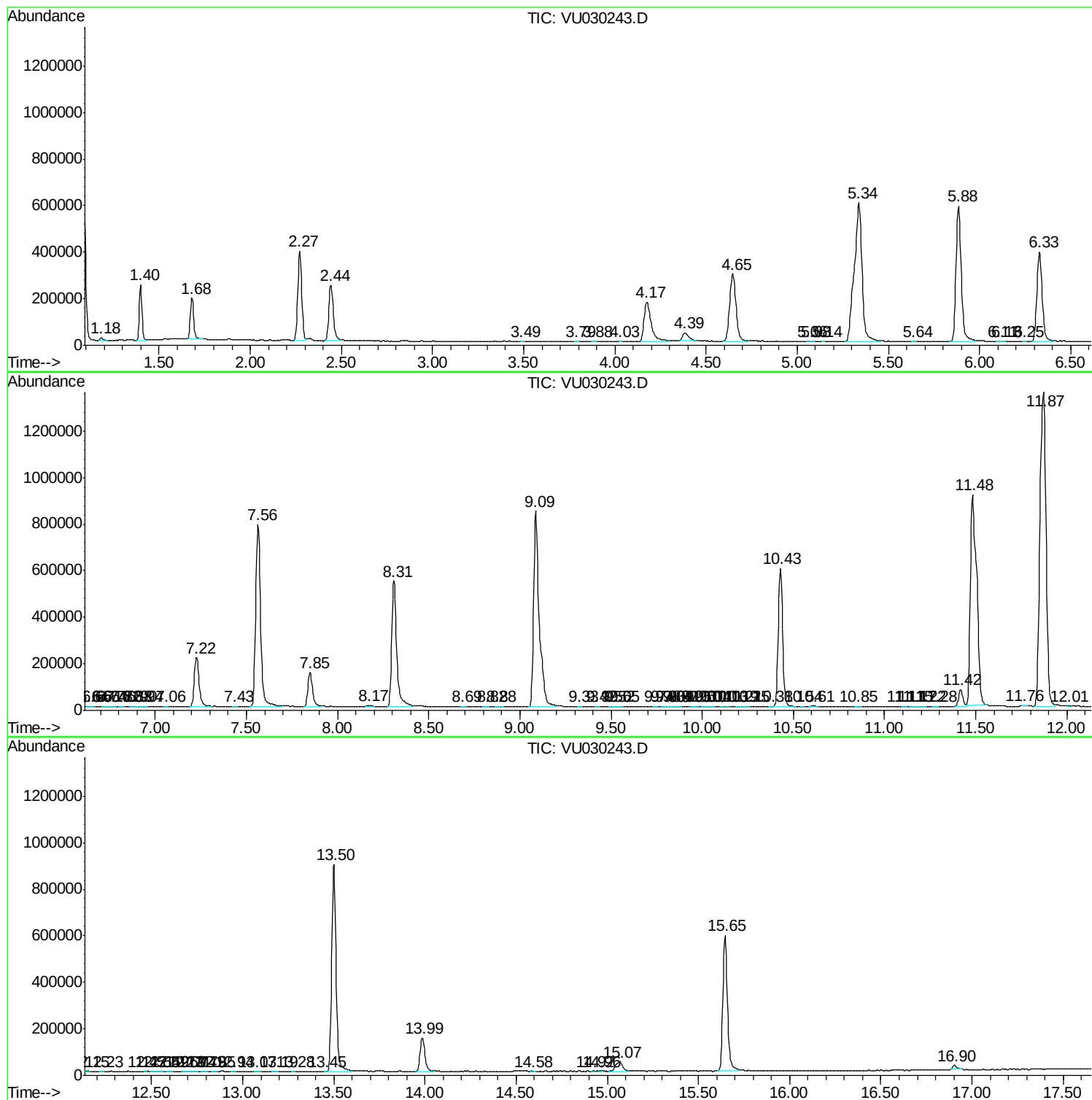
Sum of corrected areas: 20807831

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Instrument :
MSVOA_U
ClientSampled :
C09D2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis

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



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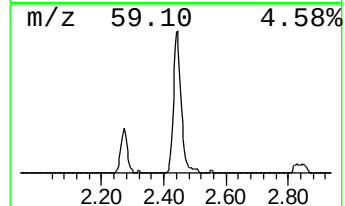
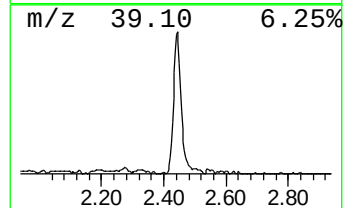
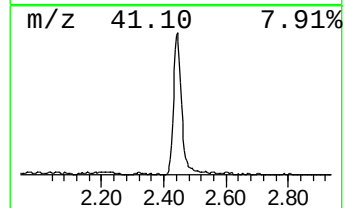
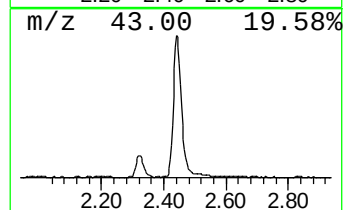
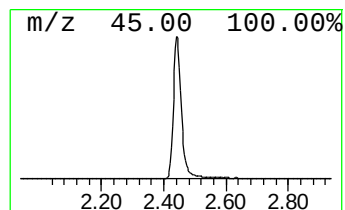
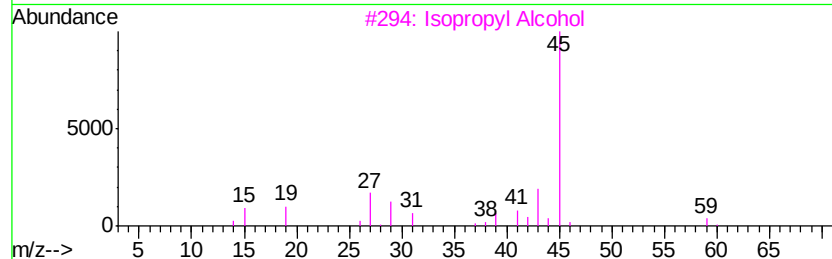
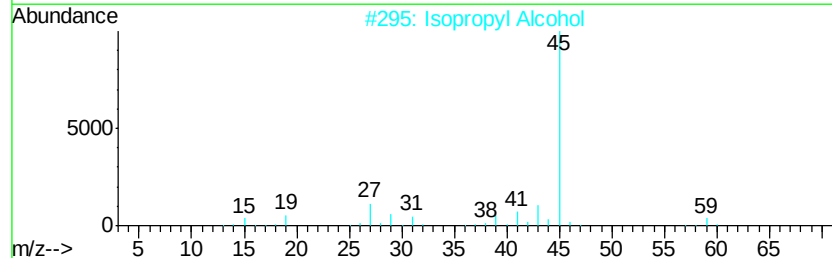
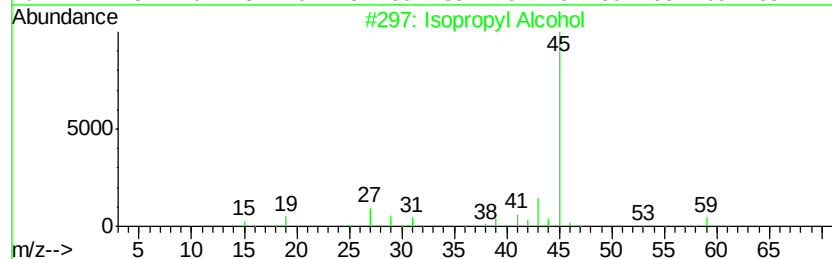
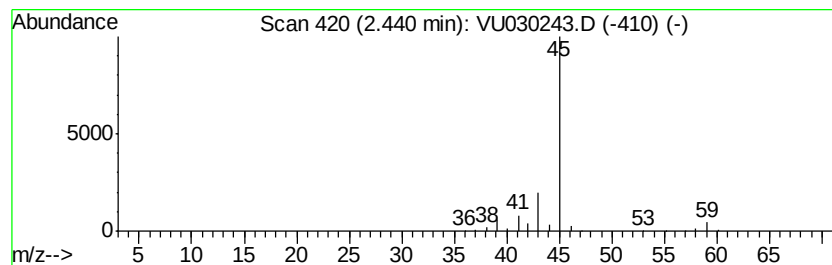
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	17.92 ug/L	420901	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	86
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4		Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40
5		Formamide	45	CH3NO	000075-12-7	5



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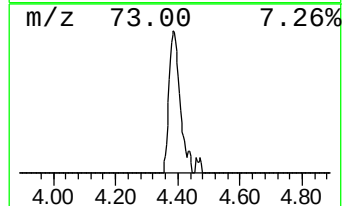
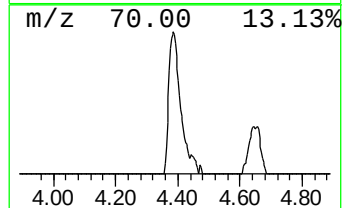
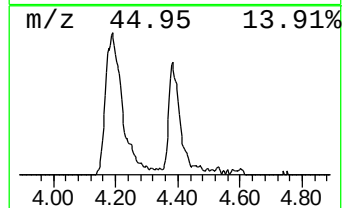
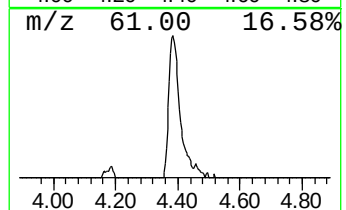
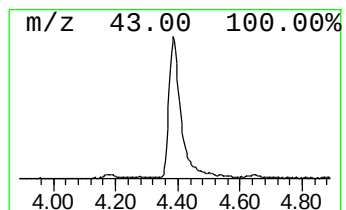
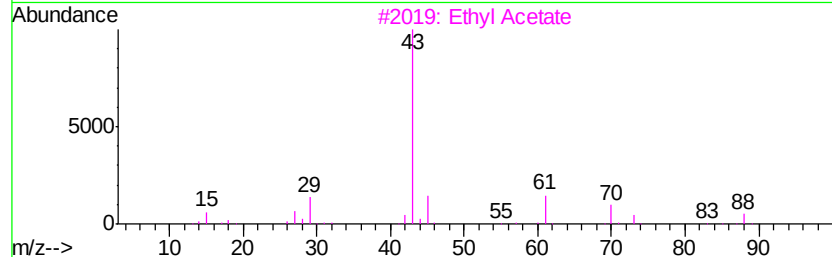
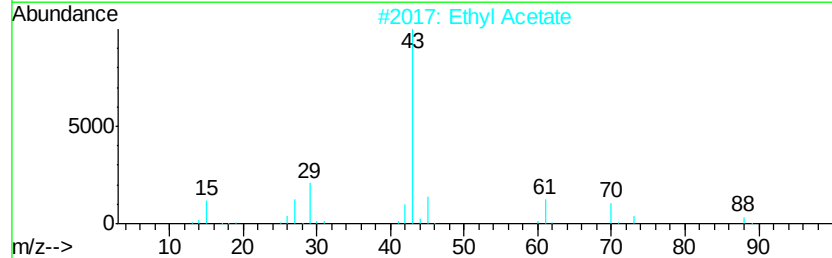
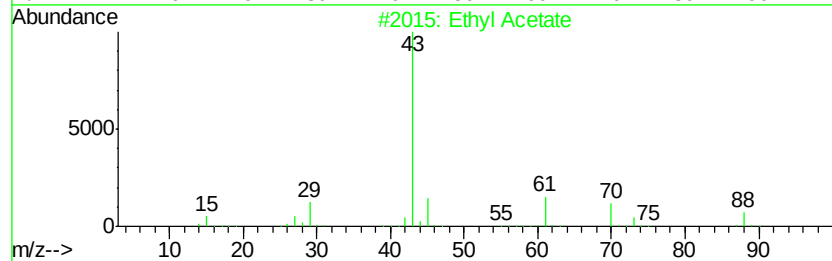
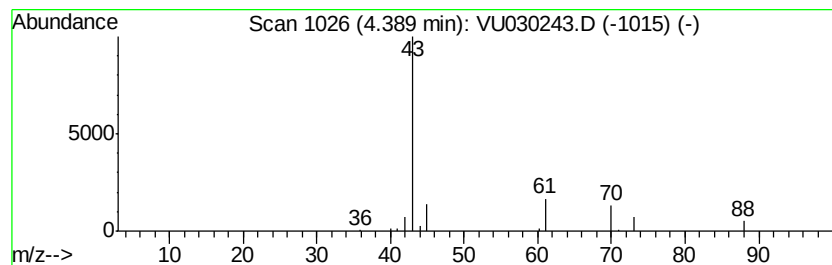
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Ethyl Acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	3.39 ug/L	79730	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2		Ethyl Acetate	88	C4H8O2	000141-78-6	90
3		Ethyl Acetate	88	C4H8O2	000141-78-6	90
4		Ethyl Acetate	88	C4H8O2	000141-78-6	90
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	45



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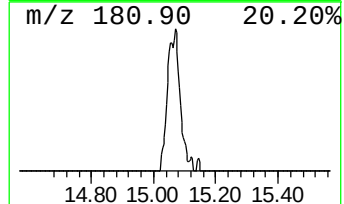
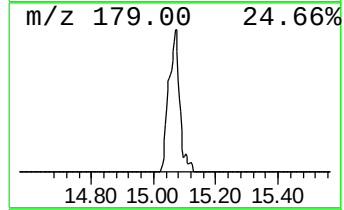
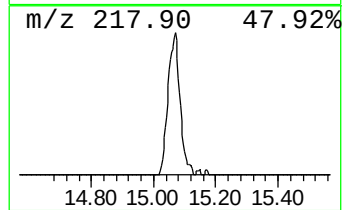
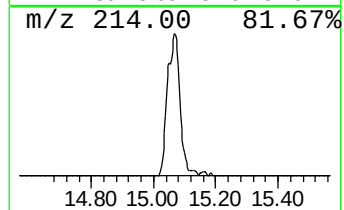
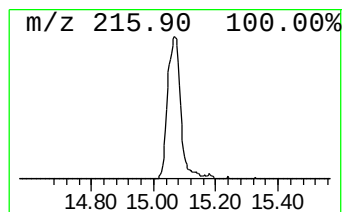
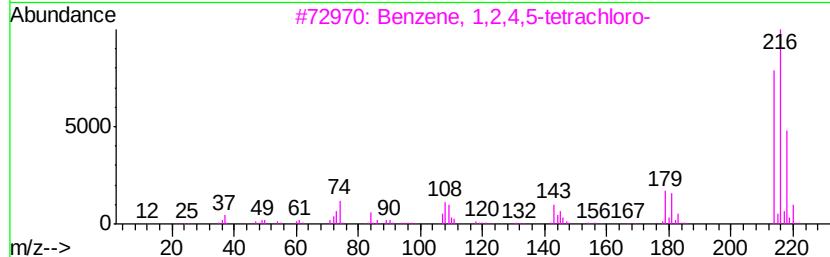
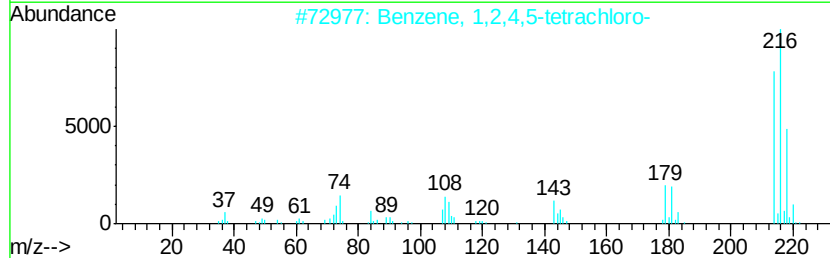
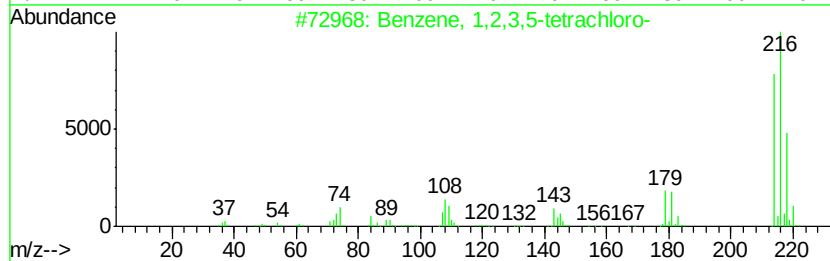
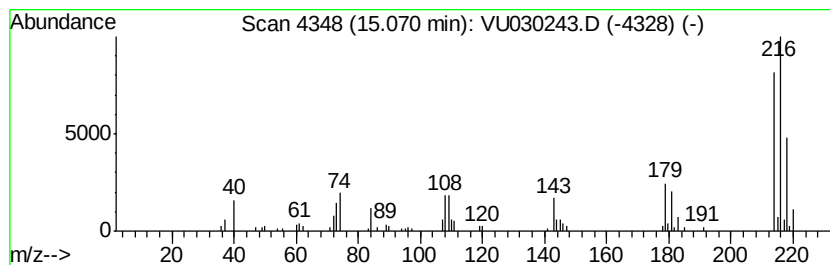
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Quant Title : VOC Analysis

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

Peak Number 4 Benzene, 1,2,3,5-tetrachloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.68 ug/L	116835	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	97
2		Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	97
3		Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	96
4		Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	94
5		Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	94



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032019\
Data File : VU030243.D
Acq On : 20 Mar 2019 23:12
Operator : JC/SP
Sample : K2022-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09D2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.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
Isopropyl Alcohol	2.44	17.9	ug/L	420901	1	5.88	1174550	50.0
Ethyl Acetate	4.39	3.4	ug/L	79730	1	5.88	1174550	50.0
Benzene, 1,2,3,5-...	15.07	2.7	ug/L	116835	3	11.48	2183780	50.0