

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072820\
 Data File : VW015978.D
 Acq On : 28 Jul 2020 12:54
 Operator : SY/VA
 Sample : L3458-04
 Misc : 5.44G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY32

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_W\METHOD\SOM2WLM072020S.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	2.361	69	75	87	rVB	114030	224372	16.60%	2.100%
2	2.898	155	163	177	rBV	63404	162347	12.01%	1.519%
3	3.032	179	185	196	rVB2	20552	49536	3.66%	0.464%
4	3.391	238	244	254	rVB	17779	40362	2.99%	0.378%
5	3.903	326	328	331	rBV2	489	601	0.04%	0.006%
6	4.013	335	346	359	rVV	164353	471617	34.88%	4.414%
7	4.129	359	365	376	rVV2	7187	21190	1.57%	0.198%
8	4.379	399	406	416	rBV4	2123	7065	0.52%	0.066%
9	4.678	449	455	460	rVV4	955	2309	0.17%	0.022%
10	4.922	481	495	518	rVV4	13018	66478	4.92%	0.622%
11	5.440	568	580	591	rBV3	3958	14382	1.06%	0.135%
12	5.781	630	636	639	rBV3	1064	2215	0.16%	0.021%
13	5.946	652	663	674	rBV3	11235	35327	2.61%	0.331%
14	6.891	813	818	819	rBV	946	1211	0.09%	0.011%
15	6.982	826	833	841	rVB4	4142	10748	0.79%	0.101%
16	7.080	841	849	858	rBV	50108	140129	10.36%	1.312%
17	7.257	871	878	891	rVB	21715	54416	4.02%	0.509%
18	7.653	931	943	955	rBV	220924	542227	40.10%	5.075%
19	7.952	979	992	1000	rBV5	6359	24441	1.81%	0.229%
20	8.031	1000	1005	1015	rVB4	2099	5394	0.40%	0.050%
21	8.153	1017	1025	1033	rBV3	4873	10822	0.80%	0.101%
22	8.281	1033	1046	1063	rBV2	443840	1352022	100.00%	12.654%
23	8.403	1063	1066	1067	rBV3	1082	1128	0.08%	0.011%
24	8.421	1067	1069	1071	rBV3	1005	1216	0.09%	0.011%
25	8.506	1078	1083	1088	rBV3	1689	3847	0.28%	0.036%
26	8.573	1088	1094	1103	rVB8	3023	7334	0.54%	0.069%
27	8.695	1108	1114	1126	rVB	13789	28071	2.08%	0.263%
28	8.848	1129	1139	1154	rBV	489126	969022	71.67%	9.070%
29	9.043	1167	1171	1172	rBV3	975	1343	0.10%	0.013%
30	9.085	1172	1178	1183	rVV5	1856	4456	0.33%	0.042%
31	9.281	1200	1210	1217	rBV	299842	625534	46.27%	5.855%
32	9.415	1229	1232	1238	rVB4	2243	3991	0.30%	0.037%
33	9.518	1242	1249	1255	rVB5	1741	3780	0.28%	0.035%
34	9.610	1257	1264	1269	rBV5	1426	2853	0.21%	0.027%

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35	9.665	1269	1273	1279	rVB3	1353	2879	0.21%	0.027%
36	9.750	1282	1287	1296	rVB3	1770	3287	0.24%	0.031%
37	9.902	1303	1312	1316	rBV5	1206	2653	0.20%	0.025%
38	9.957	1316	1321	1327	rBV3	4384	8531	0.63%	0.080%
39	10.037	1327	1334	1342	rBV	162174	289199	21.39%	2.707%
40	10.097	1342	1344	1348	rVB2	2438	2452	0.18%	0.023%
41	10.329	1373	1382	1388	rBV	612183	1089284	80.57%	10.195%
42	10.390	1388	1392	1399	rVB	37501	65988	4.88%	0.618%
43	10.506	1405	1411	1417	rVB	13111	22765	1.68%	0.213%
44	10.579	1417	1423	1433	rBV	110138	190046	14.06%	1.779%
45	10.664	1434	1437	1441	rVV5	3399	6112	0.45%	0.057%
46	10.707	1441	1444	1449	rVB2	5258	8569	0.63%	0.080%
47	10.762	1449	1453	1460	rVB6	1908	4019	0.30%	0.038%
48	10.853	1464	1468	1473	rBV5	665	1224	0.09%	0.011%
49	10.927	1473	1480	1493	rBV	203192	340606	25.19%	3.188%
50	11.073	1500	1504	1514	rVB9	4914	10089	0.75%	0.094%
51	11.177	1518	1521	1526	rVB3	4246	6325	0.47%	0.059%
52	11.238	1526	1531	1535	rVB4	2805	5013	0.37%	0.047%
53	11.286	1535	1539	1543	rBV5	896	1513	0.11%	0.014%
54	11.341	1543	1548	1553	rVB7	1722	2699	0.20%	0.025%
55	11.414	1553	1560	1562	rBV3	2501	4410	0.33%	0.041%
56	11.518	1571	1577	1583	rBV3	2083	3900	0.29%	0.037%
57	11.634	1588	1596	1606	rBV	683933	1132319	83.75%	10.598%
58	11.731	1606	1612	1620	rVB	16761	30077	2.22%	0.282%
59	11.841	1621	1630	1639	rBV2	24677	50311	3.72%	0.471%
60	11.975	1650	1652	1657	rVB3	439	606	0.04%	0.006%
61	12.170	1674	1684	1692	rBV	8953	17943	1.33%	0.168%
62	12.256	1692	1698	1701	rVB5	1391	2529	0.19%	0.024%
63	12.298	1703	1705	1707	rBV2	611	660	0.05%	0.006%
64	12.341	1707	1712	1716	rBV3	2980	5832	0.43%	0.055%
65	12.463	1728	1732	1738	rBV5	1545	2577	0.19%	0.024%
66	12.609	1751	1756	1762	rVB2	10355	16408	1.21%	0.154%
67	12.695	1762	1770	1778	rVV	273401	446011	32.99%	4.174%
68	12.756	1778	1780	1781	rVV2	782	689	0.05%	0.006%
69	12.780	1781	1784	1786	rVV3	1269	2033	0.15%	0.019%
70	12.804	1786	1788	1793	rVB	1997	2587	0.19%	0.024%
71	12.871	1793	1799	1802	rBV2	4026	7150	0.53%	0.067%

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72	12.938	1805	1810	1817	rVV6	8162	17898	1.32%	0.168%
73	12.987	1817	1818	1823	rVB3	1098	1387	0.10%	0.013%
74	13.073	1830	1832	1835	rBV2	608	712	0.05%	0.007%
75	13.103	1835	1837	1842	rVB3	1683	2330	0.17%	0.022%
76	13.164	1845	1847	1850	rBV3	801	980	0.07%	0.009%
77	13.194	1850	1852	1855	rVB3	722	721	0.05%	0.007%
78	13.255	1856	1862	1868	rBV2	8868	15653	1.16%	0.147%
79	13.402	1878	1886	1891	rBV7	3383	7588	0.56%	0.071%
80	13.493	1897	1901	1905	rVB7	1206	1862	0.14%	0.017%
81	13.560	1905	1912	1922	rBV	612835	982747	72.69%	9.198%
82	13.652	1922	1927	1936	rVB	15822	26119	1.93%	0.244%
83	13.755	1940	1944	1948	rBV5	1740	2947	0.22%	0.028%
84	13.859	1953	1961	1972	rVB	498381	846879	62.64%	7.926%
85	13.938	1972	1974	1976	rBV2	557	543	0.04%	0.005%
86	14.072	1984	1996	2007	rVB	14159	28007	2.07%	0.262%
87	14.213	2016	2019	2023	rVB4	987	1435	0.11%	0.013%
88	14.335	2035	2039	2044	rVB5	3038	4945	0.37%	0.046%
89	14.524	2067	2070	2078	rVB5	2631	4709	0.35%	0.044%
90	14.633	2084	2088	2091	rBV3	1420	2048	0.15%	0.019%
91	14.725	2099	2103	2110	rBV4	1515	2587	0.19%	0.024%
92	14.792	2110	2114	2121	rVV5	1001	1972	0.15%	0.018%
93	14.859	2123	2125	2128	rVB3	749	751	0.06%	0.007%
94	14.902	2128	2132	2137	rBV4	422	845	0.06%	0.008%
95	15.212	2180	2183	2186	rBV3	547	776	0.06%	0.007%
96	15.359	2205	2207	2208	rBV	948	689	0.05%	0.006%
97	15.408	2212	2215	2221	rVB6	1227	2563	0.19%	0.024%
98	15.499	2221	2230	2237	rBV2	20974	40700	3.01%	0.381%
99	15.804	2276	2280	2284	rBV4	1483	1985	0.15%	0.019%
100	16.237	2349	2351	2357	rVB6	596	809	0.06%	0.008%

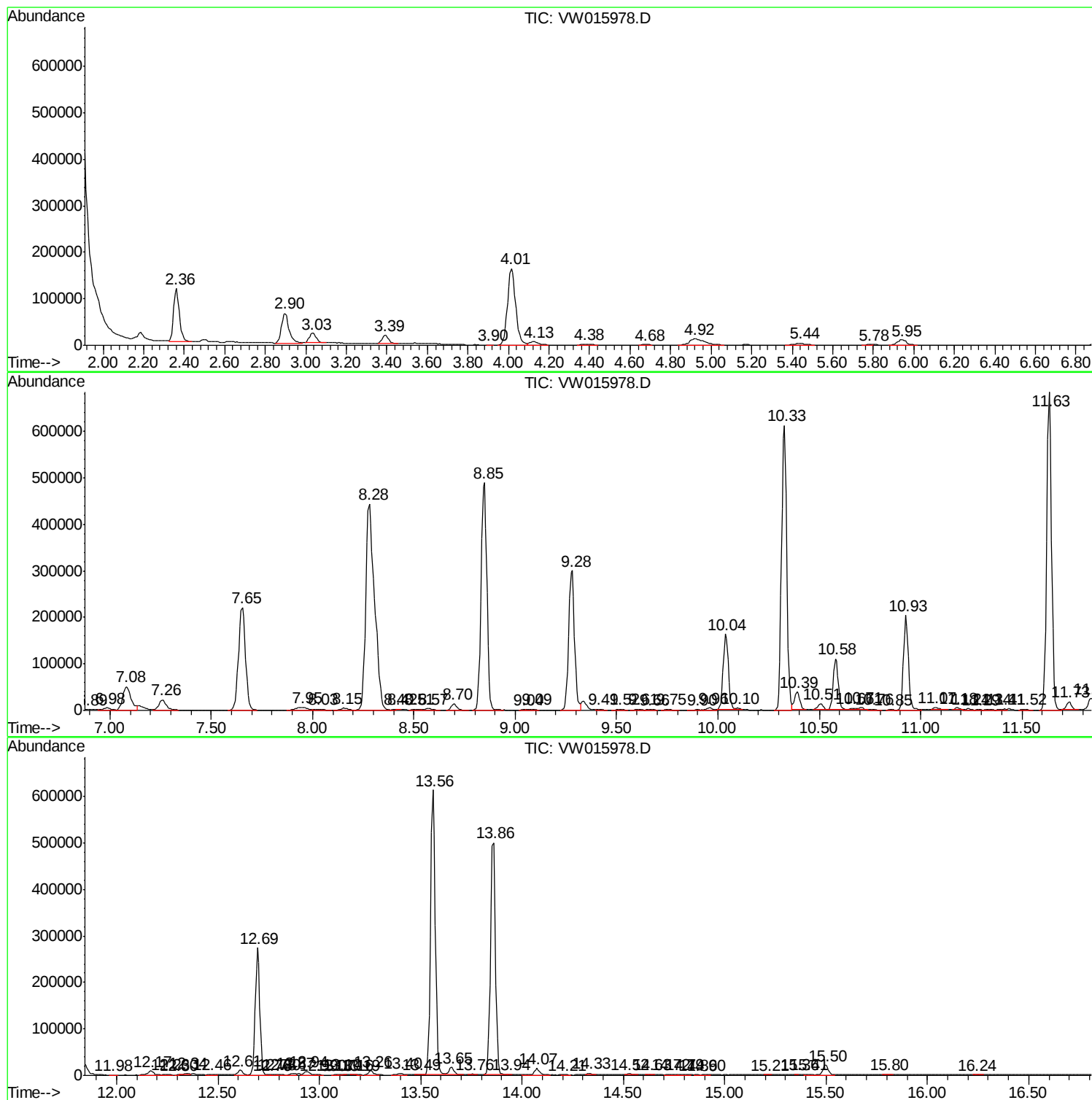
Sum of corrected areas: 10684268

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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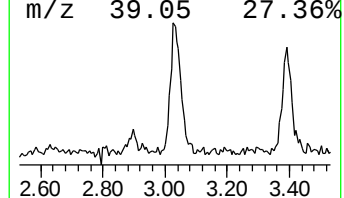
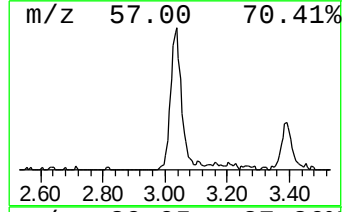
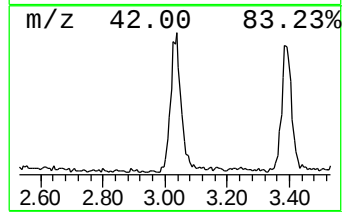
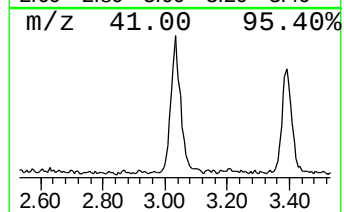
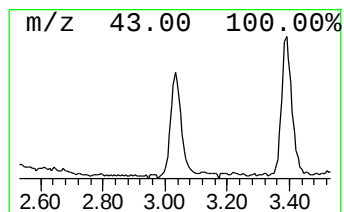
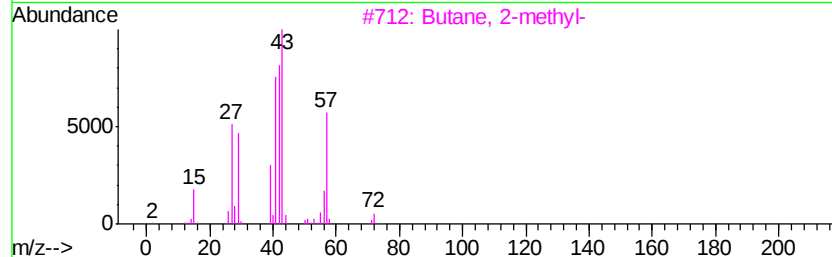
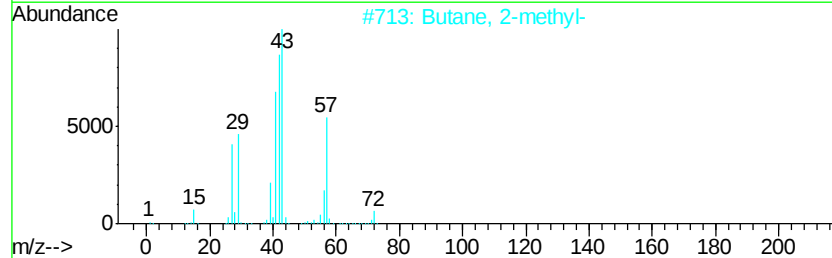
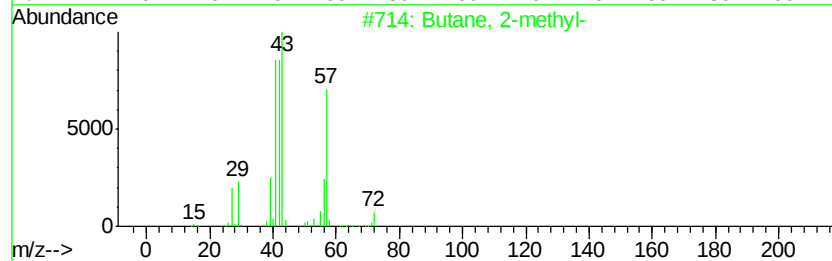
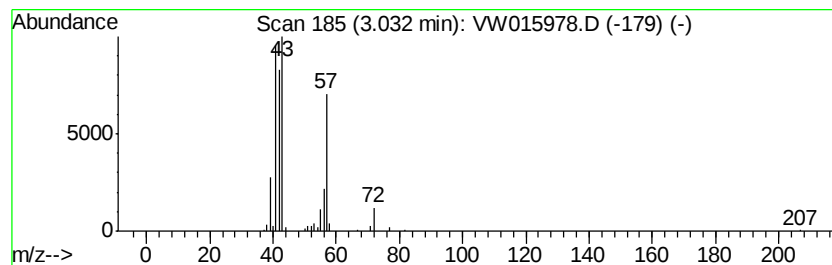
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	1.28 ug/L	49536	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2		Butane, 2-methyl-	72	C5H12	000078-78-4	90
3		Butane, 2-methyl-	72	C5H12	000078-78-4	90
4		Pentane	72	C5H12	000109-66-0	45
5		3-Buten-1-ol	72	C4H8O	000627-27-0	38



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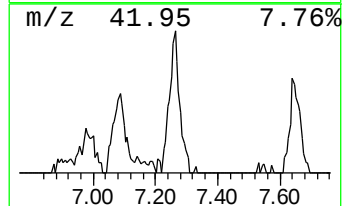
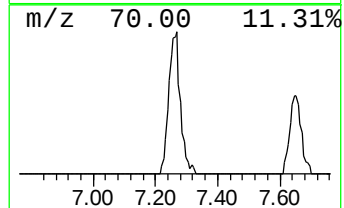
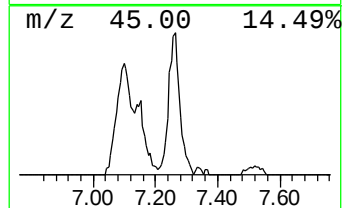
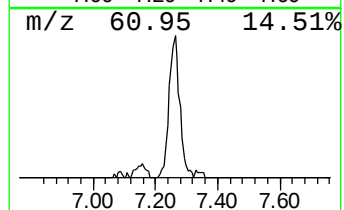
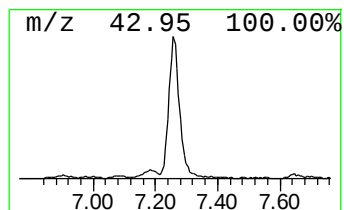
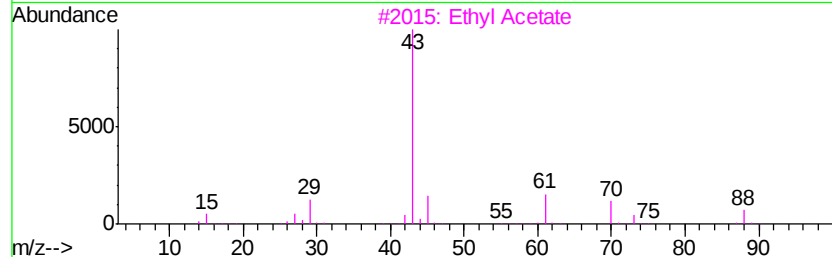
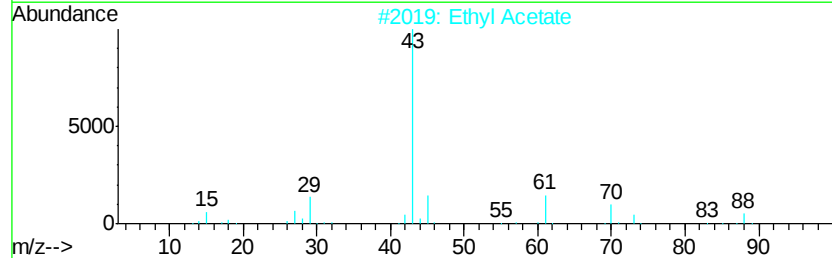
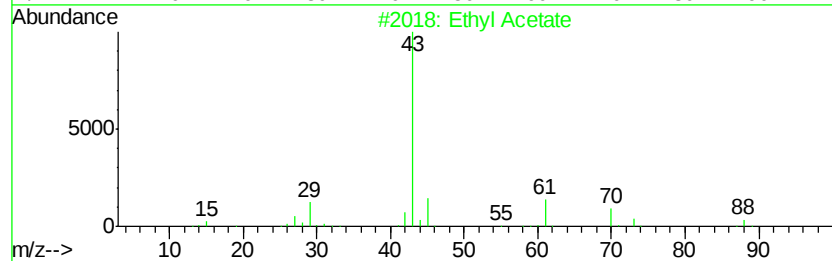
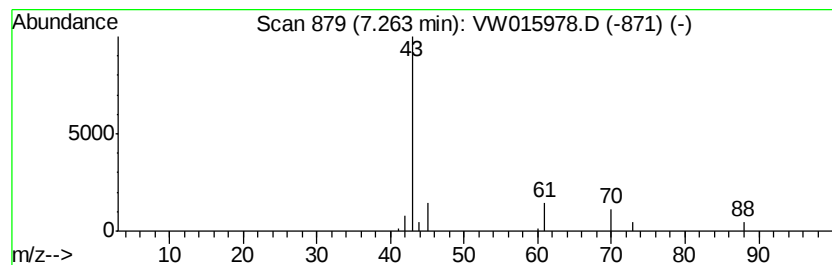
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Peak Number 3 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	1.40 ug/L	54416	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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	72
5			CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	45



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	3.03	1.3	ug/L	49536	1	8.85	969022	25.0
Ethyl Acetate	7.26	1.4	ug/L	54416	1	8.85	969022	25.0