

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020221\
 Data File : VW018016.D
 Acq On : 02 Feb 2021 17:23
 Operator : SY/VA
 Sample : M1298-04
 Misc : 5.08G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0A42

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M

Title : VOC Analysis

Signal : TIC: VW018016.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	68	74	88	rVB	84475	176602	13.46%	1.926%
2	2.891	155	162	178	rBV	63102	158957	12.11%	1.734%
3	3.391	238	244	249	rBV4	971	2133	0.16%	0.023%
4	3.452	252	254	255	rBV	146	139	0.01%	0.002%
5	3.525	257	266	277	rBV2	17603	52805	4.02%	0.576%
6	3.940	331	334	335	rBV2	192	148	0.01%	0.002%
7	4.025	335	348	359	rBV	145337	467311	35.61%	5.097%
8	4.336	396	399	400	rBV2	232	270	0.02%	0.003%
9	4.385	401	407	414	rVV	2634	6746	0.51%	0.074%
10	4.483	422	423	425	rBV2	267	192	0.01%	0.002%
11	4.586	437	440	443	rBV3	111	139	0.01%	0.002%
12	4.635	446	448	450	rBV	231	167	0.01%	0.002%
13	4.745	463	466	468	rBV2	107	149	0.01%	0.002%
14	4.836	478	481	483	rBV	147	179	0.01%	0.002%
15	4.922	483	495	507	rBV2	8478	31539	2.40%	0.344%
16	5.159	529	534	535	rBV3	241	328	0.02%	0.004%
17	5.659	614	616	621	rVB	161	176	0.01%	0.002%
18	5.714	621	625	626	rBV2	111	139	0.01%	0.002%
19	5.775	631	635	638	rVV2	479	750	0.06%	0.008%
20	5.940	655	662	664	rBV4	2327	4631	0.35%	0.051%
21	6.275	715	717	721	rVB2	170	143	0.01%	0.002%
22	6.440	741	744	747	rBV2	153	199	0.02%	0.002%
23	6.787	796	801	803	rBV2	116	212	0.02%	0.002%
24	6.848	809	811	815	rBV	135	159	0.01%	0.002%
25	6.927	822	824	827	rBV2	137	159	0.01%	0.002%
26	6.982	829	833	834	rBV2	141	172	0.01%	0.002%
27	7.074	839	848	855	rBV	25218	75649	5.77%	0.825%
28	7.427	905	906	907	rBV	306	153	0.01%	0.002%
29	7.537	922	924	930	rVB4	922	1196	0.09%	0.013%
30	7.647	930	942	955	rBV	232194	566597	43.18%	6.180%
31	7.823	969	971	974	rBV2	140	143	0.01%	0.002%
32	7.891	979	982	984	rVV	203	236	0.02%	0.003%
33	7.951	984	992	999	rVV4	1218	2812	0.21%	0.031%
34	8.067	1010	1011	1014	rBV2	137	159	0.01%	0.002%
35	8.104	1014	1017	1022	rVB2	170	205	0.02%	0.002%
36	8.177	1027	1029	1032	rBV2	137	154	0.01%	0.002%

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Title : VOC Analysis

37	8.275	1034	1045	1061	rBV2	454870	1312208	100.00%	14.313%
38	8.622	1099	1102	1104	rBV3	313	359	0.03%	0.004%
39	8.695	1107	1114	1122	rBV5	1132	2962	0.23%	0.032%
40	8.842	1129	1138	1151	rBV	460036	893493	68.09%	9.746%
41	9.024	1166	1168	1169	rBV2	165	136	0.01%	0.001%
42	9.049	1169	1172	1173	rVV	318	363	0.03%	0.004%
43	9.085	1174	1178	1183	rVB5	789	1406	0.11%	0.015%
44	9.274	1200	1209	1219	rBV	288850	582519	44.39%	6.354%
45	9.646	1269	1270	1271	rBV	234	150	0.01%	0.002%
46	10.036	1326	1334	1345	rBV	143684	257929	19.66%	2.813%
47	10.177	1353	1357	1358	rBV2	116	157	0.01%	0.002%
48	10.201	1358	1361	1363	rBV2	259	312	0.02%	0.003%
49	10.323	1373	1381	1395	rBV	657716	1154847	88.01%	12.597%
50	10.433	1395	1399	1402	rVV3	1042	1443	0.11%	0.016%
51	10.579	1416	1423	1432	rVB	86808	149683	11.41%	1.633%
52	10.701	1437	1443	1454	rVB	14670	25968	1.98%	0.283%
53	10.859	1465	1469	1473	rBV3	385	534	0.04%	0.006%
54	10.920	1473	1479	1491	rBV	101762	180724	13.77%	1.971%
55	11.061	1497	1502	1513	rVB	16080	28662	2.18%	0.313%
56	11.152	1515	1517	1518	rVB2	282	168	0.01%	0.002%
57	11.170	1518	1520	1524	rVB3	463	592	0.05%	0.006%
58	11.219	1524	1528	1530	rBV2	108	150	0.01%	0.002%
59	11.390	1553	1556	1557	rBV2	128	147	0.01%	0.002%
60	11.439	1558	1564	1570	rVB2	1948	3302	0.25%	0.036%
61	11.628	1588	1595	1606	rBV	561233	953157	72.64%	10.397%
62	11.835	1626	1629	1636	rVV5	662	1382	0.11%	0.015%
63	11.932	1642	1645	1647	rBV2	186	159	0.01%	0.002%
64	12.091	1668	1671	1675	rBV2	185	332	0.03%	0.004%
65	12.170	1679	1684	1689	rBV4	603	1098	0.08%	0.012%
66	12.237	1689	1695	1699	rVV	1902	3143	0.24%	0.034%
67	12.298	1703	1705	1706	rVB2	255	147	0.01%	0.002%
68	12.329	1706	1710	1711	rBV3	234	247	0.02%	0.003%
69	12.341	1711	1712	1713	rVV	361	149	0.01%	0.002%
70	12.359	1713	1715	1721	rVV3	402	609	0.05%	0.007%
71	12.414	1721	1724	1726	rVV	151	154	0.01%	0.002%
72	12.469	1729	1733	1738	rVB4	2533	3933	0.30%	0.043%
73	12.609	1749	1756	1762	rVB	19985	32301	2.46%	0.352%
74	12.688	1762	1769	1778	rBV	188695	319179	24.32%	3.482%
75	12.755	1778	1780	1783	rVB2	370	370	0.03%	0.004%
76	12.810	1786	1789	1791	rVB3	222	168	0.01%	0.002%

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77	12.865	1794	1798	1799	rBV	220	244	0.02%	0.003%
78	12.932	1799	1809	1815	rBV2	7237	11562	0.88%	0.126%
79	13.079	1831	1833	1836	rVB2	457	439	0.03%	0.005%
80	13.152	1840	1845	1849	rBV4	1917	3227	0.25%	0.035%
81	13.213	1849	1855	1862	rVV	43313	70052	5.34%	0.764%
82	13.292	1863	1868	1878	rVV5	10352	19311	1.47%	0.211%
83	13.396	1882	1885	1892	rVB4	1032	2103	0.16%	0.023%
84	13.469	1892	1897	1899	rBV3	557	739	0.06%	0.008%
85	13.499	1899	1902	1904	rBV3	1181	1430	0.11%	0.016%
86	13.554	1905	1911	1919	rVV	493021	796181	60.67%	8.685%
87	13.646	1922	1926	1935	rVB3	2939	4976	0.38%	0.054%
88	13.755	1941	1944	1947	rBV3	936	1414	0.11%	0.015%
89	13.853	1953	1960	1967	rBV	458398	733250	55.88%	7.998%
90	14.011	1981	1986	1990	rBV4	1036	1824	0.14%	0.020%
91	14.066	1990	1995	2001	rVB2	12583	19871	1.51%	0.217%
92	14.194	2013	2016	2019	rBV2	691	1201	0.09%	0.013%
93	14.322	2030	2037	2042	rBV8	2837	6679	0.51%	0.073%
94	14.517	2067	2069	2070	rBV	345	265	0.02%	0.003%
95	14.725	2099	2103	2107	rVB4	1905	2785	0.21%	0.030%
96	14.859	2123	2125	2128	rVB	426	285	0.02%	0.003%
97	15.066	2156	2159	2160	rBV3	764	756	0.06%	0.008%
98	15.365	2204	2208	2211	rBV3	612	982	0.07%	0.011%
99	15.395	2211	2213	2214	rVV	1213	1123	0.09%	0.012%
100	15.432	2215	2219	2224	rVB	13326	20483	1.56%	0.223%

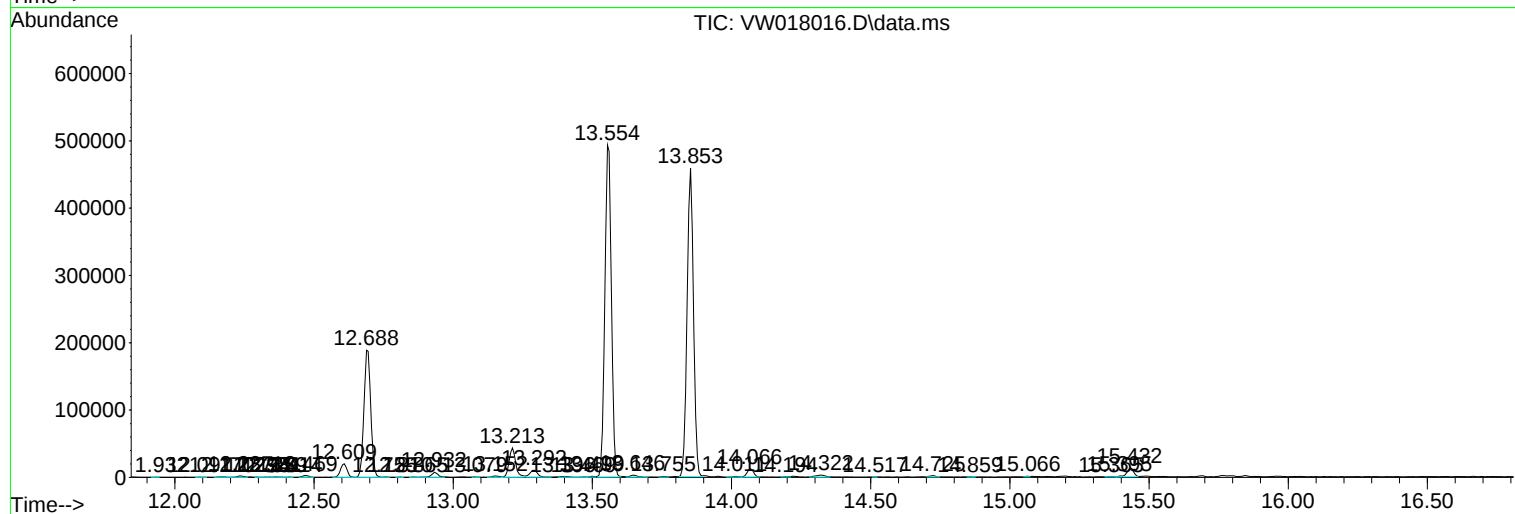
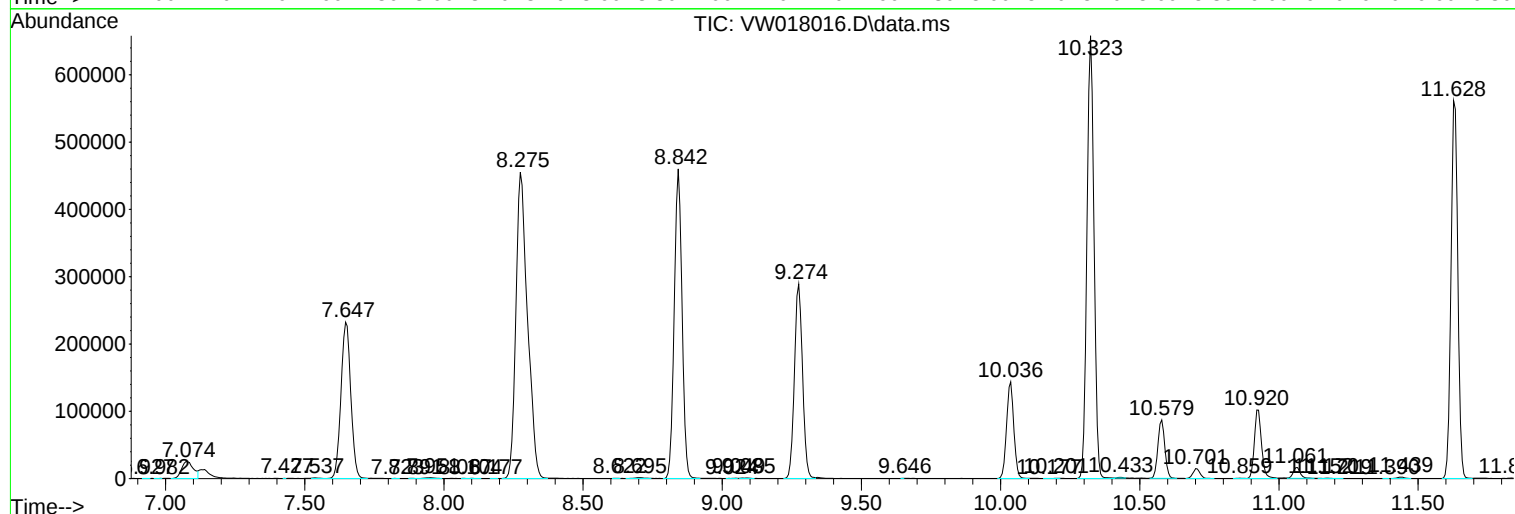
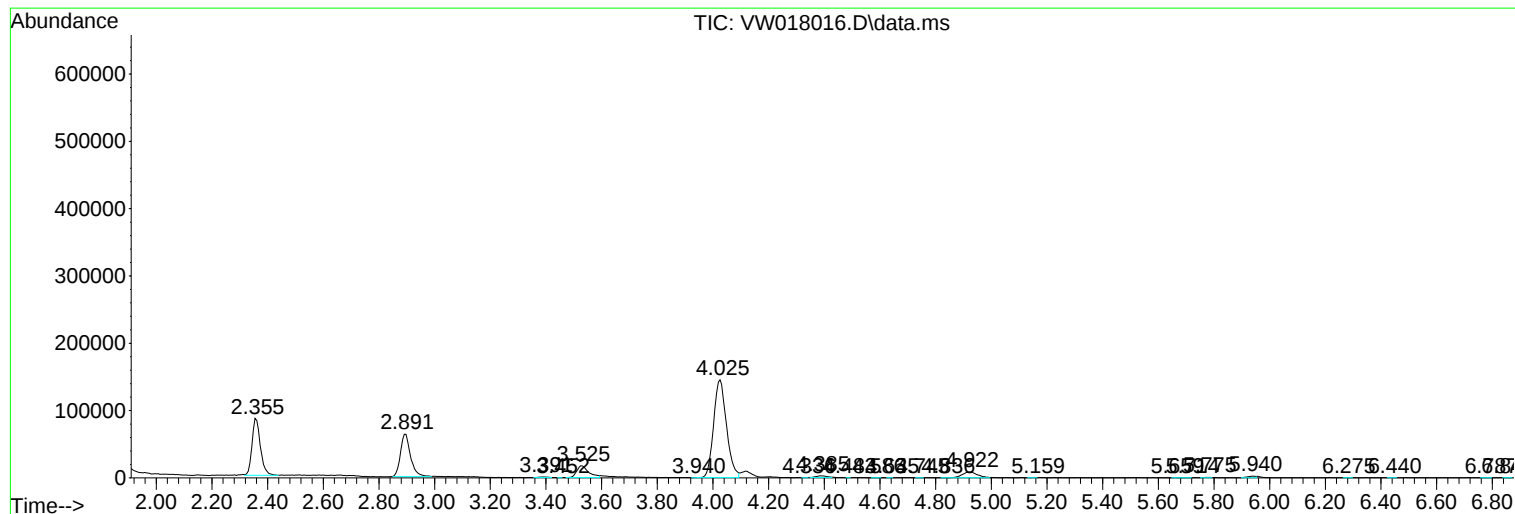
Sum of corrected areas: 9167772

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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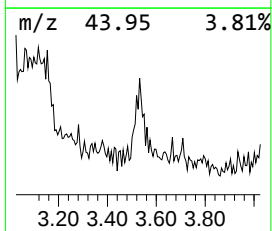
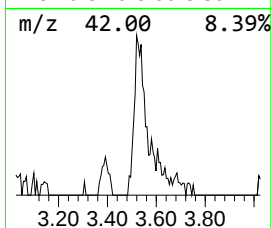
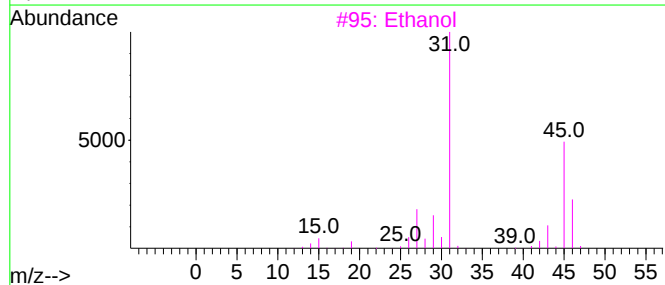
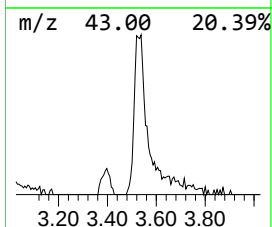
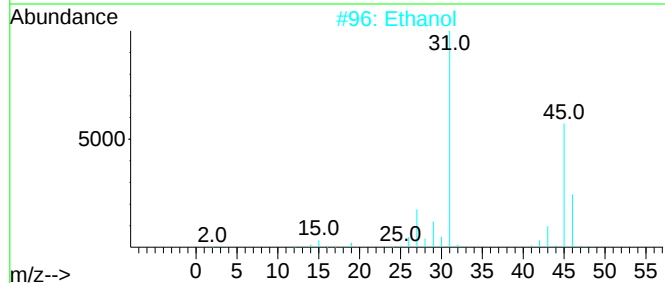
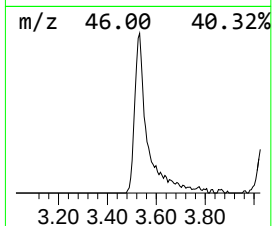
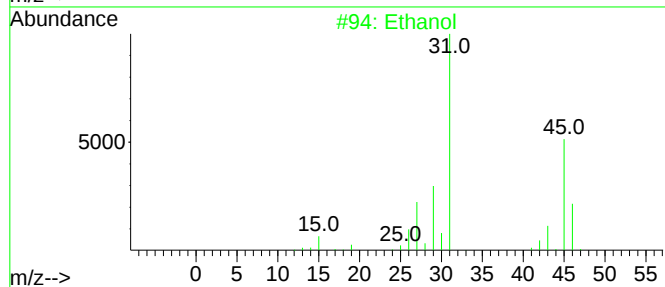
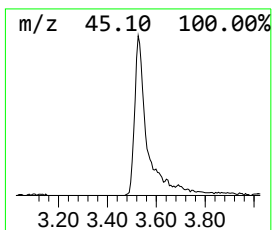
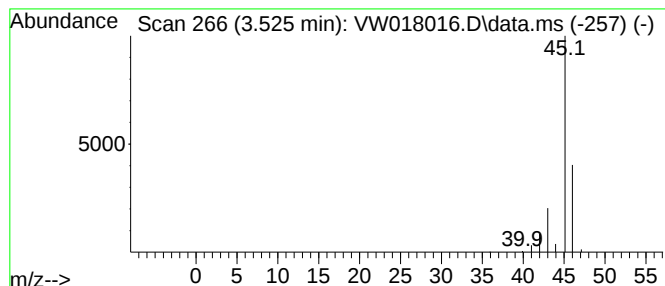
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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

Peak Number 1 Ethanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.525	1.48 ug/L	52805	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol			46	C2H6O	000064-17-5	90
2	Ethanol			46	C2H6O	000064-17-5	74
3	Ethanol			46	C2H6O	000064-17-5	64
4	Dimethyl ether			46	C2H6O	000115-10-6	9
5	Methane, nitroso-			45	CH3NO	000865-40-7	7



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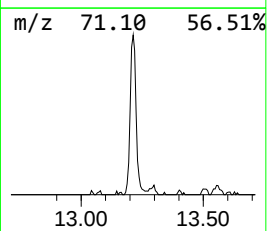
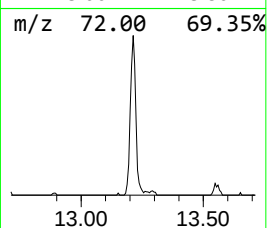
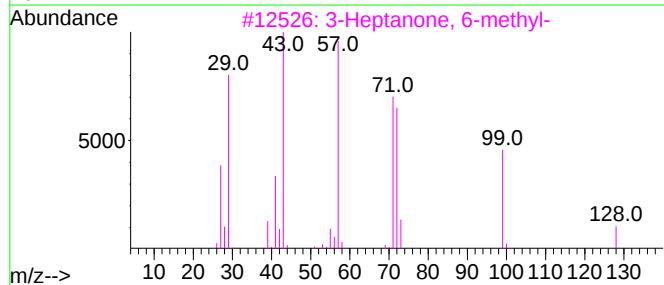
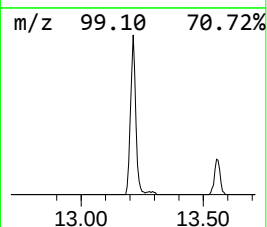
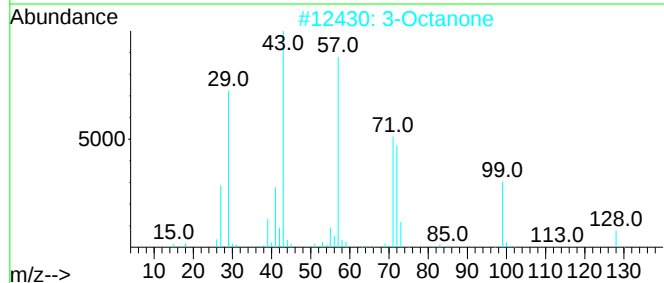
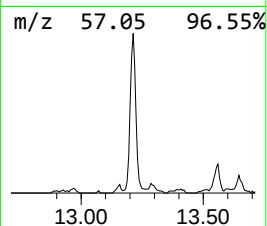
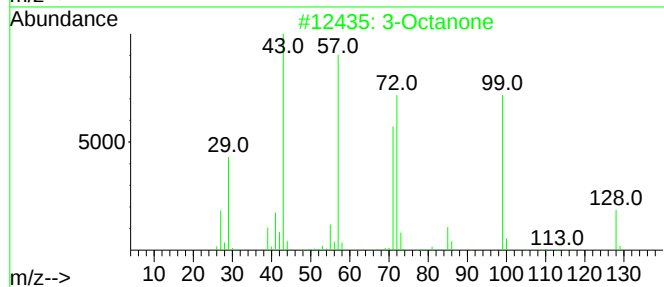
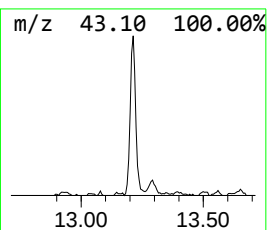
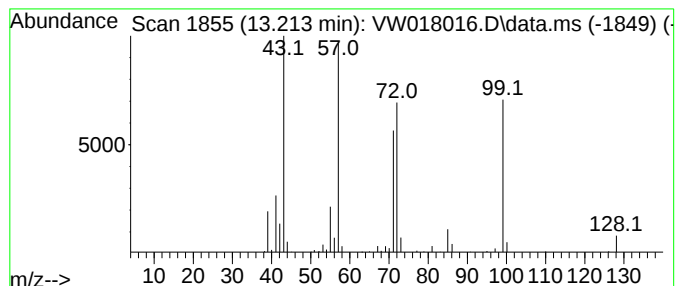
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Peak Number 3 3-Octanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.213	2.20 ug/L	70052	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Octanone	128	C8H16O	000106-68-3	91
2		3-Octanone	128	C8H16O	000106-68-3	59
3		3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	53
4		3-Octanone	128	C8H16O	000106-68-3	52
5		3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol	3.525	1.5	ug/L	52805	1	8.842	893493	25.0
3-Octanone	13.213	2.2	ug/L	70052	3	13.560	796181	25.0