

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102519\
 Data File : VW013746.D
 Acq On : 25 Oct 2019 14:22
 Operator : SY/VA
 Sample : K5549-01
 Misc : 4.37G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ54

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\SOM2WLM101819S.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	2.355	68	74	84	rVB	104599	195245	13.56%	1.891%
2	2.507	93	99	108	rBV	7718	20948	1.46%	0.203%
3	2.892	155	162	178	rVB	72523	172244	11.97%	1.668%
4	3.263	222	223	224	rBV	506	270	0.02%	0.003%
5	3.391	237	244	256	rVB3	2760	7400	0.51%	0.072%
6	3.550	268	270	271	rBV2	883	640	0.04%	0.006%
7	3.812	311	313	317	rVB2	218	261	0.02%	0.003%
8	3.873	321	323	325	rVB	418	291	0.02%	0.003%
9	3.910	327	329	332	rVB	384	335	0.02%	0.003%
10	4.025	335	348	361	rBV	161895	514099	35.71%	4.978%
11	4.300	391	393	399	rVB3	237	311	0.02%	0.003%
12	4.379	402	406	407	rBV2	410	502	0.03%	0.005%
13	4.672	442	454	468	rBV2	10974	33087	2.30%	0.320%
14	4.855	480	484	485	rBV2	334	447	0.03%	0.004%
15	4.922	485	495	504	rBV3	7536	26434	1.84%	0.256%
16	5.159	532	534	537	rBV2	519	556	0.04%	0.005%
17	5.324	559	561	564	rVV2	292	275	0.02%	0.003%
18	5.379	568	570	574	rBV2	304	526	0.04%	0.005%
19	5.604	606	607	609	rBV	429	363	0.03%	0.004%
20	5.787	631	637	641	rBV3	879	1949	0.14%	0.019%
21	5.940	653	662	663	rBV4	1788	3715	0.26%	0.036%
22	6.013	673	674	677	rVB2	322	278	0.02%	0.003%
23	6.117	686	691	695	rBV5	578	1350	0.09%	0.013%
24	6.257	707	714	720	rBV3	2021	5356	0.37%	0.052%
25	6.495	752	753	757	rBV	313	304	0.02%	0.003%
26	6.574	764	766	768	rVB	354	269	0.02%	0.003%
27	6.592	768	769	772	rBV	300	255	0.02%	0.002%
28	6.708	786	788	791	rBV	376	281	0.02%	0.003%
29	6.903	811	820	830	rVB7	1952	5650	0.39%	0.055%
30	6.976	830	832	833	rBV	457	290	0.02%	0.003%
31	7.080	840	849	868	rBV	43820	140641	9.77%	1.362%
32	7.251	868	877	890	rVB	238985	594746	41.32%	5.759%
33	7.647	932	942	957	rBV	232809	573436	39.84%	5.553%
34	7.860	974	977	979	rBV2	227	257	0.02%	0.002%

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35	7.891	979	982	983	rBV2	613	439	0.03%	0.004%
36	8.037	1003	1006	1009	rBV2	249	342	0.02%	0.003%
37	8.275	1035	1045	1061	rBV2	487783	1439511	100.00%	13.940%
38	8.464	1073	1076	1077	rBV	343	368	0.03%	0.004%
39	8.482	1077	1079	1081	rVB2	414	345	0.02%	0.003%
40	8.555	1086	1091	1097	rVV5	1372	2663	0.18%	0.026%
41	8.695	1110	1114	1116	rBV3	1069	1382	0.10%	0.013%
42	8.842	1129	1138	1149	rBV	382363	755852	52.51%	7.319%
43	9.037	1167	1170	1172	rBV3	770	964	0.07%	0.009%
44	9.159	1188	1190	1192	rBV2	587	394	0.03%	0.004%
45	9.195	1194	1196	1198	rVB	414	296	0.02%	0.003%
46	9.220	1198	1200	1201	rBV	455	365	0.03%	0.004%
47	9.275	1201	1209	1219	rBV	327050	653884	45.42%	6.332%
48	9.390	1225	1228	1229	rBV2	444	455	0.03%	0.004%
49	9.415	1229	1232	1238	rVV2	2475	3505	0.24%	0.034%
50	9.518	1247	1249	1252	rVB2	451	363	0.03%	0.004%
51	9.653	1266	1271	1273	rBV3	934	1218	0.08%	0.012%
52	9.750	1282	1287	1289	rBV2	341	555	0.04%	0.005%
53	9.848	1300	1303	1304	rBV	297	274	0.02%	0.003%
54	9.896	1309	1311	1313	rVB2	806	616	0.04%	0.006%
55	9.921	1313	1315	1318	rVB2	308	267	0.02%	0.003%
56	9.957	1318	1321	1325	rBV2	407	560	0.04%	0.005%
57	10.037	1325	1334	1344	rBV	178256	329045	22.86%	3.186%
58	10.195	1358	1360	1361	rBV2	317	285	0.02%	0.003%
59	10.323	1372	1381	1387	rBV	685849	1198615	83.27%	11.607%
60	10.390	1387	1392	1400	rVB	52805	93976	6.53%	0.910%
61	10.506	1407	1411	1414	rBV3	772	1128	0.08%	0.011%
62	10.579	1414	1423	1430	rBV	124399	213354	14.82%	2.066%
63	10.707	1438	1444	1451	rVB	32252	59767	4.15%	0.579%
64	10.854	1465	1468	1470	rBV2	659	951	0.07%	0.009%
65	10.927	1470	1480	1485	rBV	180913	308328	21.42%	2.986%
66	11.073	1499	1504	1511	rVB4	8883	15282	1.06%	0.148%
67	11.286	1536	1539	1541	rBV2	355	455	0.03%	0.004%
68	11.347	1547	1549	1551	rBV	303	283	0.02%	0.003%
69	11.396	1554	1557	1560	rBV2	373	574	0.04%	0.006%
70	11.524	1575	1578	1579	rBV2	627	541	0.04%	0.005%
71	11.628	1588	1595	1604	rBV	501286	851325	59.14%	8.244%

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72	11.835	1624	1629	1636	rBV6	4063	8021	0.56%	0.078%
73	12.170	1679	1684	1688	rVB3	1423	2565	0.18%	0.025%
74	12.231	1688	1694	1706	rBV	80937	131119	9.11%	1.270%
75	12.341	1707	1712	1717	rVB4	4023	6892	0.48%	0.067%
76	12.518	1738	1741	1744	rBV3	547	637	0.04%	0.006%
77	12.609	1749	1756	1763	rVV	76818	128601	8.93%	1.245%
78	12.689	1763	1769	1778	rVB	243739	405775	28.19%	3.929%
79	12.756	1778	1780	1782	rBV2	533	394	0.03%	0.004%
80	12.817	1789	1790	1793	rVB2	744	479	0.03%	0.005%
81	12.865	1794	1798	1801	rBV2	465	740	0.05%	0.007%
82	12.932	1805	1809	1812	rBV3	1621	2868	0.20%	0.028%
83	13.054	1823	1829	1831	rBV4	1105	1806	0.13%	0.017%
84	13.268	1859	1864	1874	rVB5	4671	10200	0.71%	0.099%
85	13.396	1882	1885	1890	rVB4	4310	5734	0.40%	0.056%
86	13.475	1893	1898	1899	rBV5	1407	1753	0.12%	0.017%
87	13.554	1904	1911	1919	rBV	416708	682974	47.44%	6.614%
88	13.646	1922	1926	1934	rVB3	11187	17735	1.23%	0.172%
89	13.786	1947	1949	1952	rVB3	506	354	0.02%	0.003%
90	13.853	1952	1960	1968	rBV	379946	629222	43.71%	6.093%
91	13.975	1978	1980	1982	rBV2	384	296	0.02%	0.003%
92	14.072	1990	1996	2002	rVB	19444	32497	2.26%	0.315%
93	14.329	2032	2038	2041	rBV3	4862	7240	0.50%	0.070%
94	14.402	2048	2050	2051	rBV	564	293	0.02%	0.003%
95	14.426	2051	2054	2057	rVV3	435	440	0.03%	0.004%
96	14.518	2065	2069	2073	rBV3	1366	2442	0.17%	0.024%
97	14.719	2100	2102	2106	rVB4	1098	1241	0.09%	0.012%
98	14.835	2119	2121	2122	rBV	665	481	0.03%	0.005%
99	15.554	2237	2239	2243	rVB4	1252	1417	0.10%	0.014%
100	16.474	2388	2390	2393	rBV2	1017	1006	0.07%	0.010%

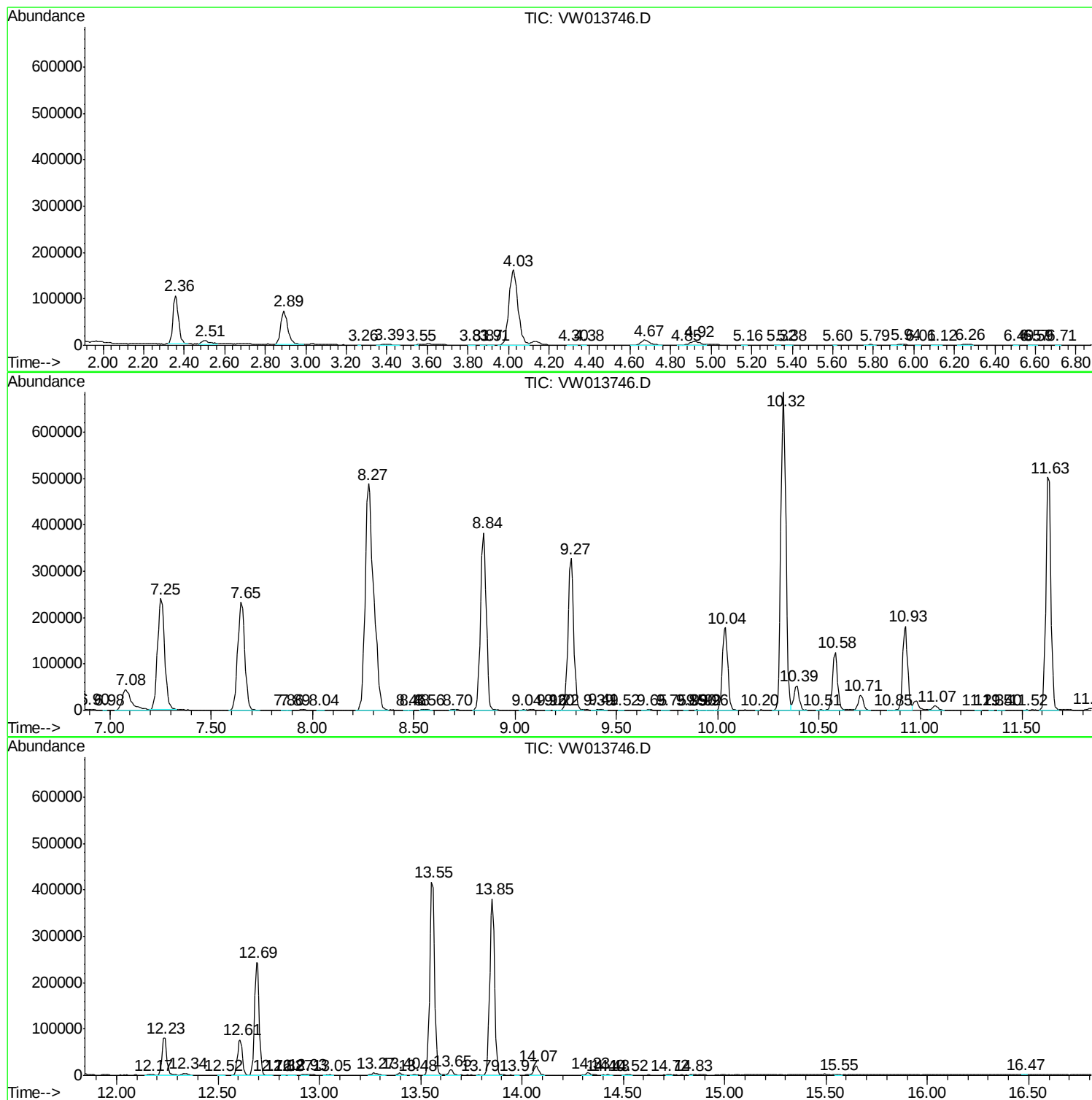
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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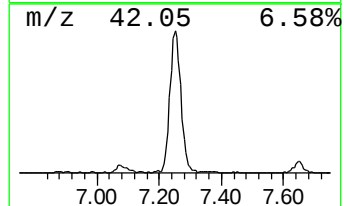
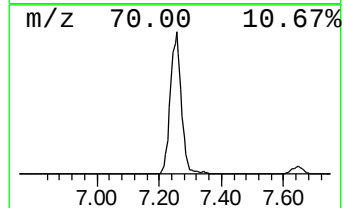
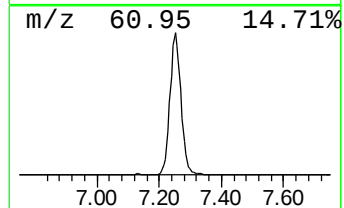
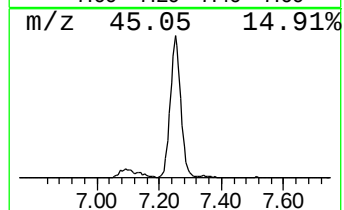
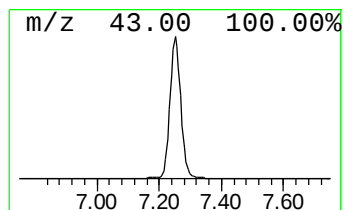
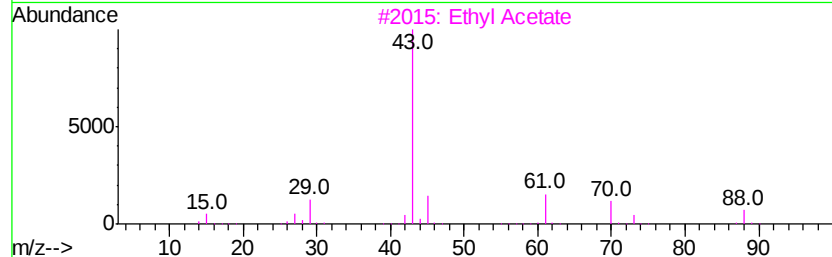
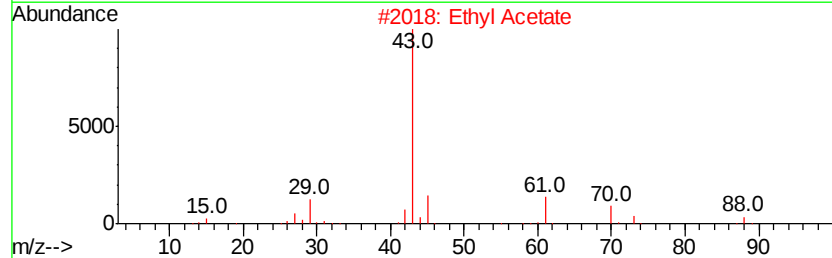
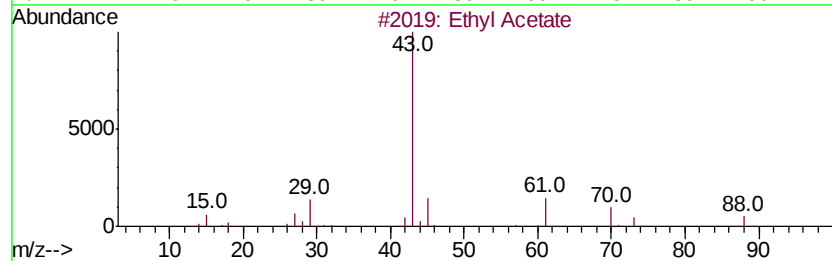
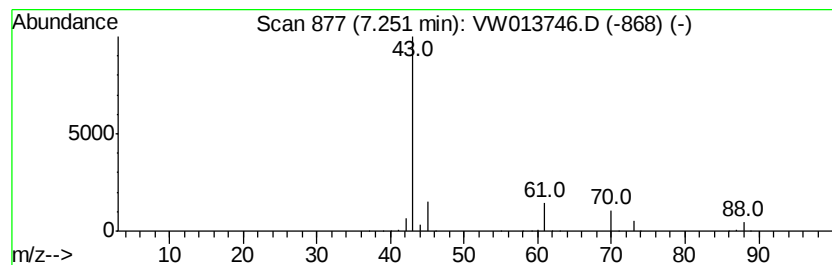
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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

Peak Number 1 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	19.67 ug/L	594746	1,4-Difluorobenzene	8.84

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	86
3		Ethyl Acetate	88	C4H8O2	000141-78-6	83
4		Ethyl Acetate	88	C4H8O2	000141-78-6	64
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	38



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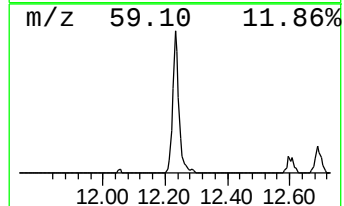
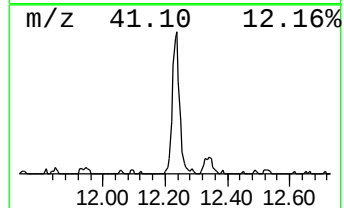
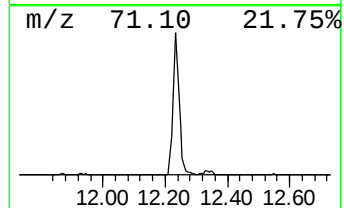
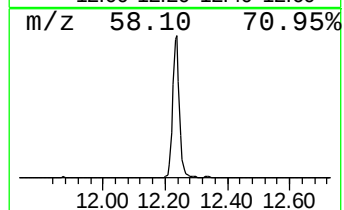
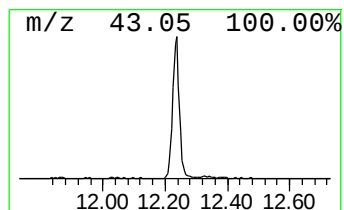
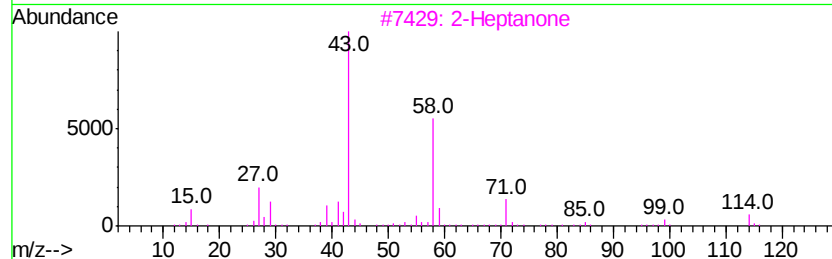
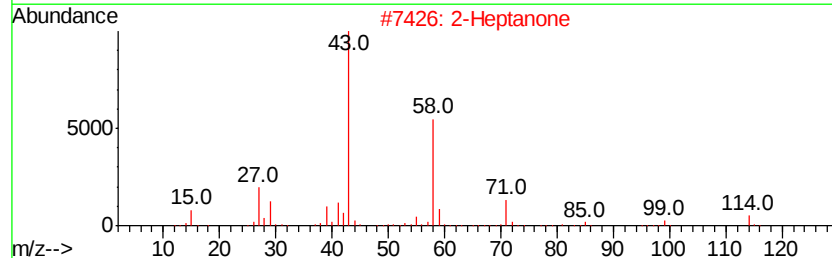
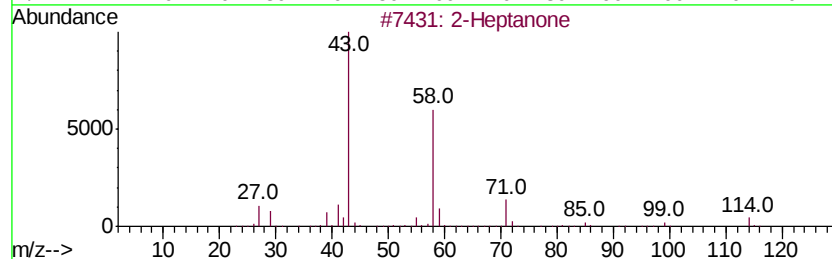
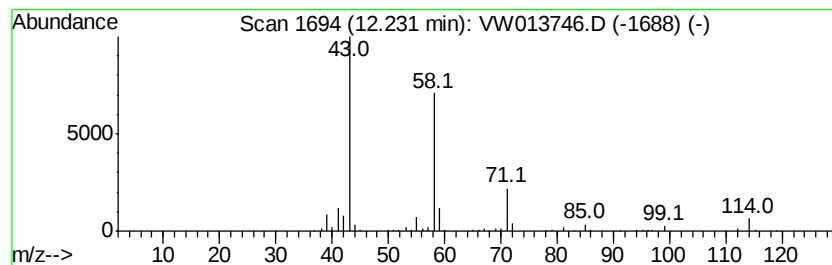
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Quant Title : VOC Analysis

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Peak Number 4 2-Heptanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	3.85 ug/L	131119	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Heptanone	114	C7H14O	000110-43-0	91
2			2-Heptanone	114	C7H14O	000110-43-0	91
3			2-Heptanone	114	C7H14O	000110-43-0	90
4			2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	72
5			2-Heptanone	114	C7H14O	000110-43-0	58



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethyl Acetate	7.25	19.7	ug/L	594746	1	8.84	755852	25.0
2-Heptanone	12.23	3.9	ug/L	131119	2	11.63	851325	25.0