

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102519\
 Data File : VW013756.D
 Acq On : 25 Oct 2019 18:43
 Operator : SY/VA
 Sample : K5549-08
 Misc : 5.40G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ61

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	rBV	97810	181970	13.30%	1.645%
2	2.501	93	98	108	rBV	14377	38061	2.78%	0.344%
3	2.892	155	162	178	rVB	70955	167312	12.23%	1.513%
4	3.330	231	234	237	rBV3	232	351	0.03%	0.003%
5	3.398	237	245	252	rVB4	919	2731	0.20%	0.025%
6	3.459	252	255	256	rBV3	346	373	0.03%	0.003%
7	3.519	261	265	268	rBV2	355	479	0.04%	0.004%
8	3.568	268	273	275	rBV3	812	1430	0.10%	0.013%
9	3.776	305	307	309	rVB2	453	347	0.03%	0.003%
10	3.861	318	321	325	rVB2	250	307	0.02%	0.003%
11	4.019	333	347	360	rBV	155108	486915	35.60%	4.403%
12	4.306	392	394	397	rVB2	327	298	0.02%	0.003%
13	4.349	399	401	402	rBV2	387	314	0.02%	0.003%
14	4.361	402	403	405	rBV	484	437	0.03%	0.004%
15	4.922	483	495	505	rBV3	8773	30540	2.23%	0.276%
16	5.105	523	525	530	rVB2	301	398	0.03%	0.004%
17	5.184	530	538	542	rBV3	738	2023	0.15%	0.018%
18	5.324	557	561	563	rBV2	436	434	0.03%	0.004%
19	5.775	633	635	636	rBV	464	421	0.03%	0.004%
20	5.940	655	662	666	rBV3	1101	2601	0.19%	0.024%
21	6.001	670	672	678	rVB	303	401	0.03%	0.004%
22	6.245	706	712	713	rBV	422	525	0.04%	0.005%
23	6.293	719	720	724	rVB2	546	498	0.04%	0.005%
24	6.452	741	746	747	rBV2	315	362	0.03%	0.003%
25	6.476	747	750	752	rVV3	442	420	0.03%	0.004%
26	6.684	783	784	788	rBV2	244	315	0.02%	0.003%
27	6.732	790	792	795	rBV	222	293	0.02%	0.003%
28	6.903	811	820	830	rBV3	2402	6141	0.45%	0.056%
29	7.080	840	849	857	rBV	38740	111108	8.12%	1.005%
30	7.251	870	877	890	rVB2	106398	268589	19.64%	2.429%
31	7.427	904	906	908	rVB2	447	316	0.02%	0.003%
32	7.482	914	915	919	rBV	401	445	0.03%	0.004%
33	7.647	931	942	957	rVB	222182	547826	40.05%	4.953%
34	7.866	976	978	981	rVB2	340	345	0.03%	0.003%

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35	7.903	981	984	985	rBV	306	299	0.02%	0.003%
36	7.958	986	993	999	rVB4	2833	4969	0.36%	0.045%
37	8.074	1007	1012	1013	rBV3	352	581	0.04%	0.005%
38	8.275	1035	1045	1062	rBV2	472649	1367767	100.00%	12.367%
39	8.555	1086	1091	1097	rVB4	1403	3285	0.24%	0.030%
40	8.842	1129	1138	1148	rBV	407439	813874	59.50%	7.359%
41	8.951	1155	1156	1157	rBV	571	295	0.02%	0.003%
42	9.037	1166	1170	1173	rBV4	1033	1711	0.13%	0.015%
43	9.079	1173	1177	1186	rVB6	1920	4496	0.33%	0.041%
44	9.275	1200	1209	1217	rBV	317181	628909	45.98%	5.687%
45	9.415	1227	1232	1239	rVB3	2853	5683	0.42%	0.051%
46	9.561	1254	1256	1259	rBV2	297	337	0.02%	0.003%
47	9.659	1270	1272	1278	rVB3	1073	1289	0.09%	0.012%
48	9.756	1286	1288	1291	rVB2	269	339	0.02%	0.003%
49	9.854	1301	1304	1307	rVB2	274	310	0.02%	0.003%
50	9.890	1307	1310	1313	rVB2	496	533	0.04%	0.005%
51	10.037	1325	1334	1345	rBV	167003	305561	22.34%	2.763%
52	10.152	1351	1353	1359	rVB4	608	712	0.05%	0.006%
53	10.323	1373	1381	1388	rVV	706177	1218576	89.09%	11.018%
54	10.384	1388	1391	1402	rVB	21450	38350	2.80%	0.347%
55	10.506	1406	1411	1413	rBV3	647	833	0.06%	0.008%
56	10.579	1416	1423	1436	rVV	115257	201676	14.74%	1.824%
57	10.707	1438	1444	1452	rVV	37106	64784	4.74%	0.586%
58	10.866	1464	1470	1473	rBV5	2700	5027	0.37%	0.045%
59	10.921	1473	1479	1486	rBV	161981	279309	20.42%	2.525%
60	11.067	1500	1503	1512	rVB4	6677	11767	0.86%	0.106%
61	11.171	1518	1520	1524	rVB2	439	461	0.03%	0.004%
62	11.213	1524	1527	1531	rVB3	608	806	0.06%	0.007%
63	11.256	1531	1534	1536	rBV2	473	455	0.03%	0.004%
64	11.518	1574	1577	1579	rBV2	312	364	0.03%	0.003%
65	11.628	1588	1595	1607	rBV	596727	1040395	76.07%	9.407%
66	11.835	1621	1629	1638	rBV2	3968	7853	0.57%	0.071%
67	11.951	1644	1648	1651	rBV2	583	678	0.05%	0.006%
68	11.981	1651	1653	1654	rVV2	560	332	0.02%	0.003%
69	12.164	1677	1683	1687	rBV4	4480	7018	0.51%	0.063%
70	12.237	1689	1695	1704	rVV	43138	70722	5.17%	0.639%
71	12.335	1706	1711	1718	rVB7	4114	7785	0.57%	0.070%

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72	12.384	1718	1719	1722	rVB	423	326	0.02%	0.003%
73	12.414	1722	1724	1727	rBV2	479	468	0.03%	0.004%
74	12.463	1727	1732	1736	rBV4	1781	2495	0.18%	0.023%
75	12.609	1749	1756	1763	rVV	200456	324858	23.75%	2.937%
76	12.689	1763	1769	1779	rVB	241700	404069	29.54%	3.654%
77	12.804	1785	1788	1791	rBV3	404	451	0.03%	0.004%
78	12.865	1794	1798	1799	rBV3	574	684	0.05%	0.006%
79	12.939	1806	1810	1821	rVB6	4690	11148	0.82%	0.101%
80	13.036	1821	1826	1828	rBV	565	656	0.05%	0.006%
81	13.274	1856	1865	1873	rVB6	7645	17233	1.26%	0.156%
82	13.396	1880	1885	1890	rBV5	4790	7563	0.55%	0.068%
83	13.469	1892	1897	1898	rBV4	2423	2945	0.22%	0.027%
84	13.554	1905	1911	1920	rVB	724111	1197683	87.56%	10.829%
85	13.646	1921	1926	1933	rVB	30430	45727	3.34%	0.413%
86	13.786	1947	1949	1950	rBV	412	309	0.02%	0.003%
87	13.853	1953	1960	1968	rVV	630606	1014518	74.17%	9.173%
88	14.072	1990	1996	2003	rVB2	24147	40161	2.94%	0.363%
89	14.329	2033	2038	2043	rVB4	6981	10665	0.78%	0.096%
90	14.450	2055	2058	2060	rBV	542	727	0.05%	0.007%
91	14.530	2067	2071	2073	rVB3	1481	1808	0.13%	0.016%
92	14.627	2080	2087	2092	rBV4	4942	8700	0.64%	0.079%
93	14.682	2095	2096	2097	rBV	745	345	0.03%	0.003%
94	14.719	2100	2102	2107	rVV4	807	1092	0.08%	0.010%
95	14.798	2113	2115	2116	rBV2	513	477	0.03%	0.004%
96	15.133	2165	2170	2174	rVB3	2904	4838	0.35%	0.044%
97	15.182	2176	2178	2181	rVB3	1496	1398	0.10%	0.013%
98	15.548	2236	2238	2245	rVB6	2033	3509	0.26%	0.032%
99	16.249	2350	2353	2354	rBV	781	630	0.05%	0.006%
100	16.322	2363	2365	2367	rBV2	751	622	0.05%	0.006%

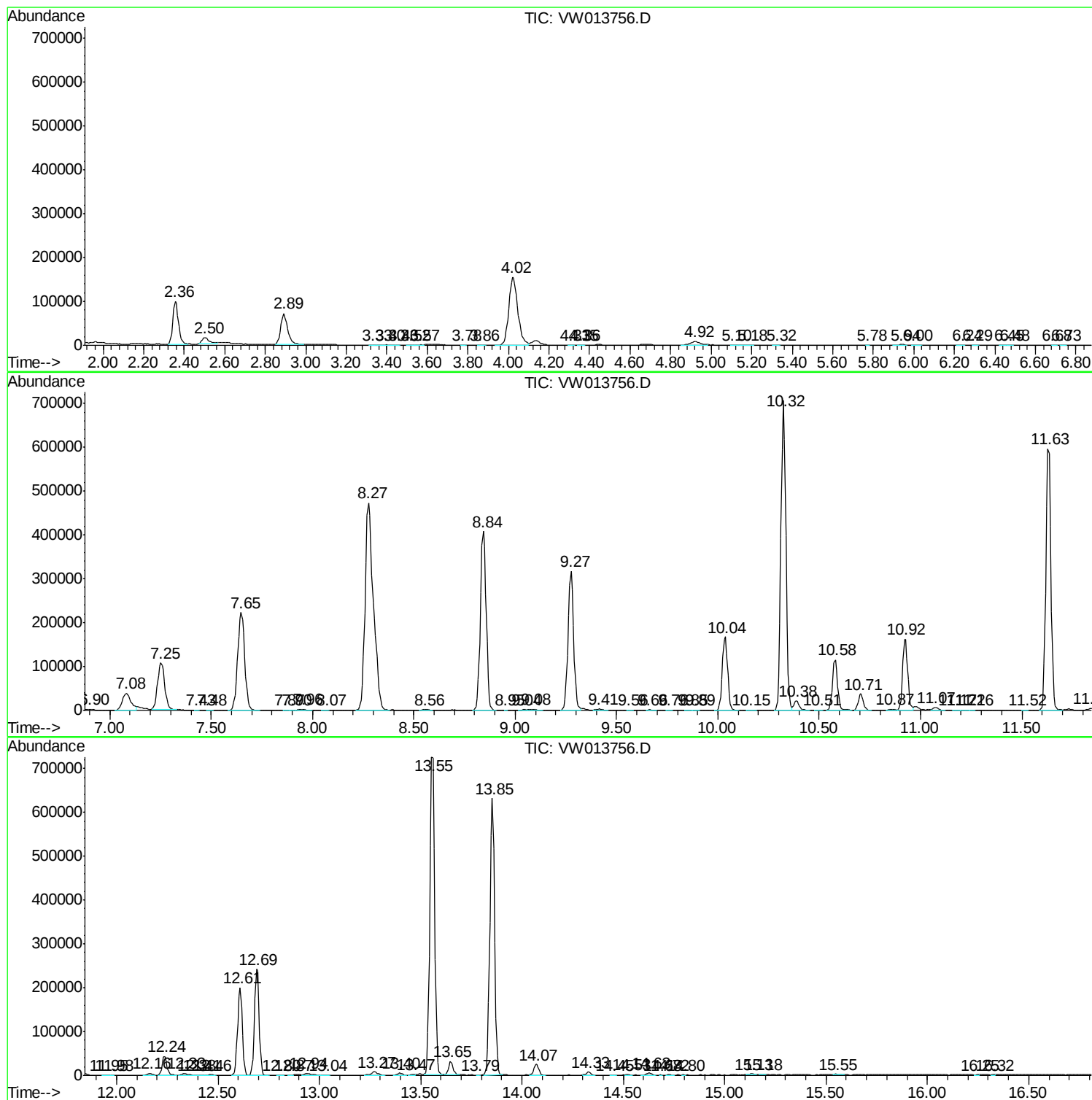
Sum of corrected areas: 11059572

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TIC Library : C:\DATABASE\NIST11.L
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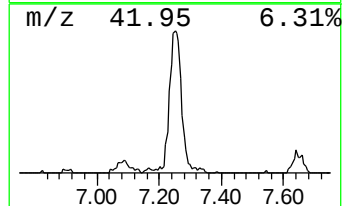
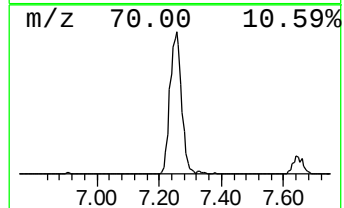
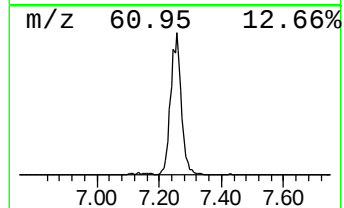
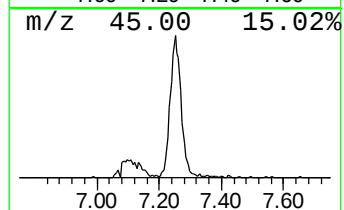
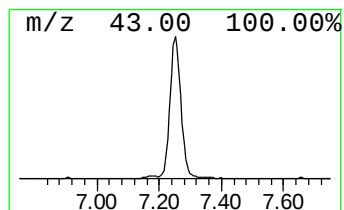
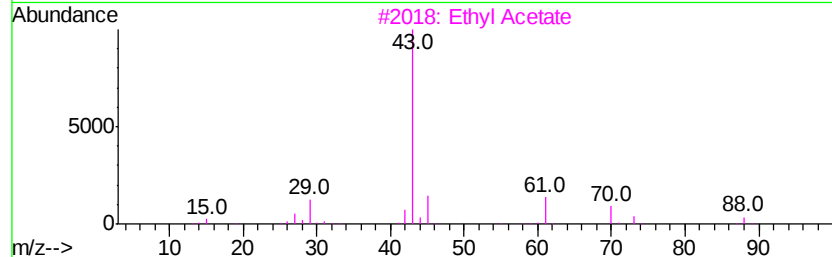
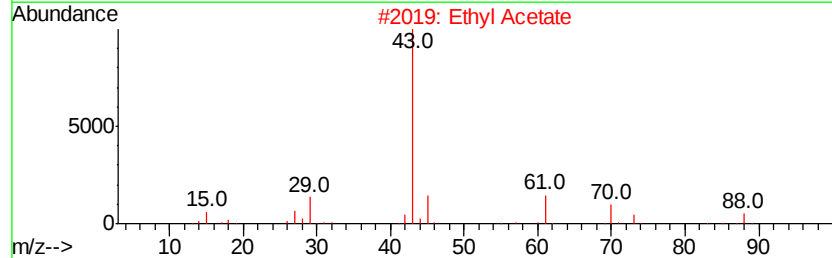
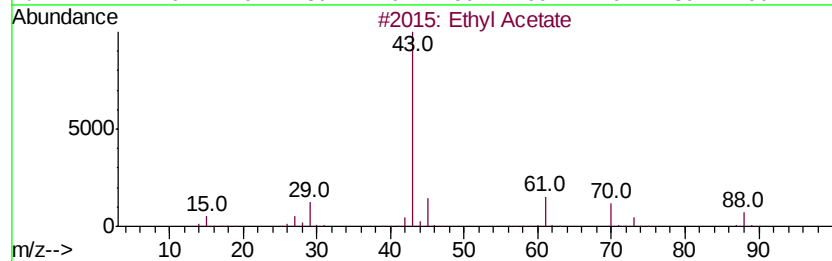
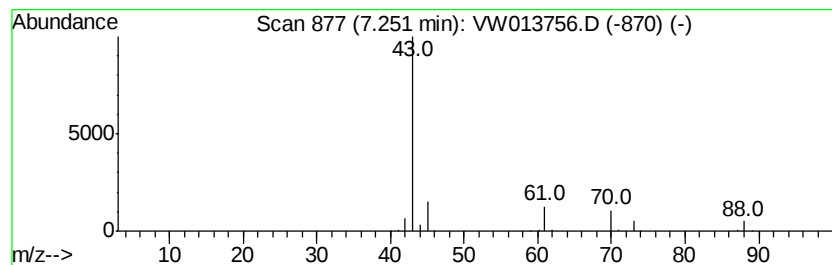
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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

Peak Number 1 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	8.25 ug/L	268589	1,4-Difluorobenzene	8.84

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	86
4			Ethyl Acetate	88	C4H8O2	000141-78-6	56
5			CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	53



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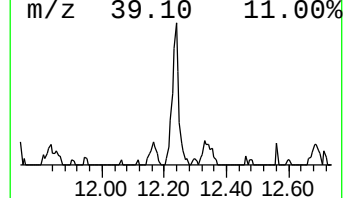
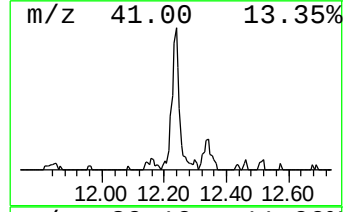
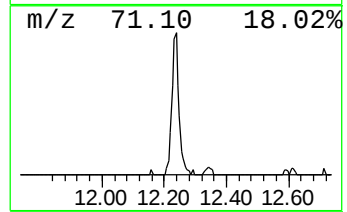
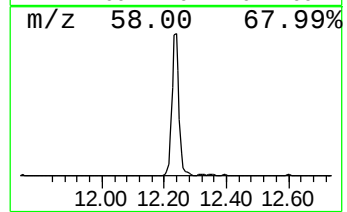
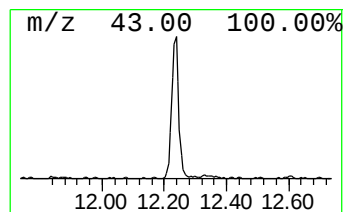
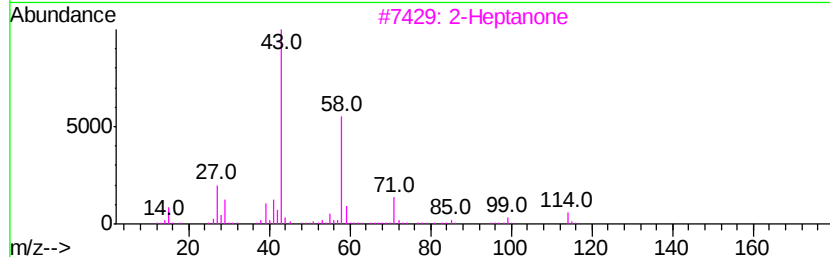
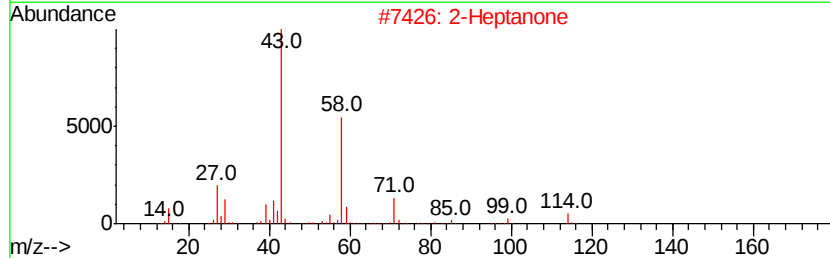
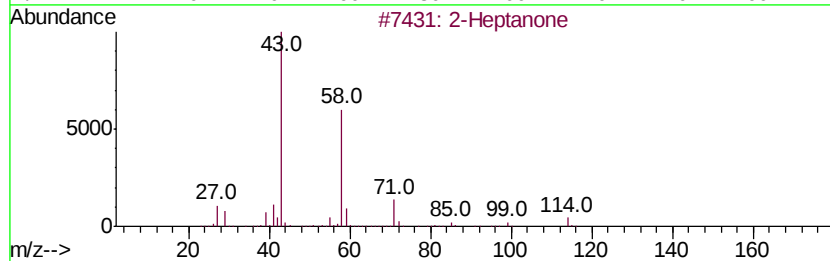
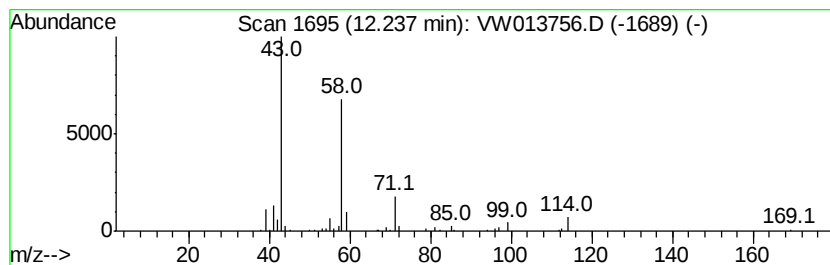
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Peak Number 4 2-Heptanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	1.70 ug/L	70722	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Heptanone	114	C7H14O	000110-43-0	90
2		2-Heptanone	114	C7H14O	000110-43-0	90
3		2-Heptanone	114	C7H14O	000110-43-0	86
4		2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	78
5		2-Heptanone	114	C7H14O	000110-43-0	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethyl Acetate	7.25	8.3	ug/L	268589	1	8.84	813874	25.0
2-Heptanone	12.24	1.7	ug/L	70722	2	11.63	1040400	25.0